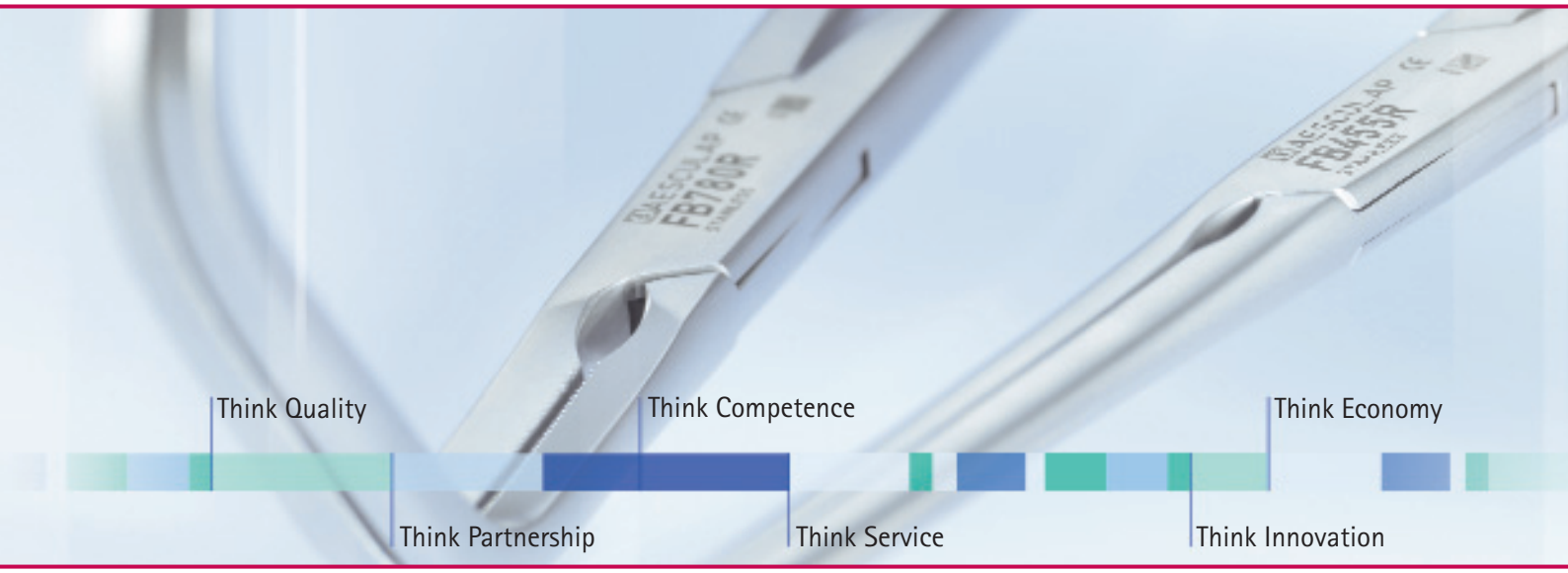
Aesculap Surgical Instruments

General Catalog



Think Surgical Instruments. Think Aesculap.

B BRAUN
SHARING EXPERTISE

Think Aesculap.

Profundes Wissen setzt die Vernetzung von Kenntnissen und Erfahrungen sowie deren folgerichtige Bewertung voraus. Ein Prinzip, dem B. Braun seit über 160 Jahren konsequent folgt und welches sich daher auch in der Aussage „Sharing Expertise" ausdrücklich widerspiegelt. Ein Wissensaustausch über alle Sparten des Konzerns hinweg schafft eine breitere und somit fundiertere Wissensbasis für alle Beteiligten. Das Ergebnis sind bis ins Detail durchdachte, weitsichtige Lösungen und ein Höchstmaß an Sicherheit. Zum Wohl des Patienten und im Interesse der Anwender.

Mit über 130 Jahren Erfahrung im Segment der chirurgischen Instrumente ist die Sparte Aesculap kompetenter Partner für den interdisziplinären Wissensaustausch.

Die Produktmarke Aesculap steht für ein vielfältiges Leistungsspektrum, das hochwertige Produkte mit prozessorientierten Dienstleistungen intelligent und im Sinne der Wirtschaftlichkeit verknüpft. Aesculap ist ein verlässlicher und akzeptierter Partner für den gesamten chirurgischen Prozessablauf in der Klinik.

Dass Aesculap zu den Besten der Branche gehört, verdankt das Unternehmen seinen Mitarbeiterinnen und Mitarbeitern, die sich auf der Suche nach der bestmöglichen Lösung nie mit der ersten Idee zufrieden geben. Menschen, die jede Entwicklung immer wieder prüfen, hinterfragen und optimieren.

Deshalb ist Aesculap weit mehr als ein Lieferant hochpräziser chirurgischer Instrumente: ein Partner, der genau zuhört und mitdenkt, die Bedürfnisse und Anforderungen seiner Kunden versteht und sie auf hohem Niveau versorgt. Vom Produkt über Dienstleistungen und Seminare für alle Funktionsbereiche.

Think Quality

Think Partnership

Bei Verträgen halte ich es wie in einer Partnerschaft: gegenseitiges Vertrauen und Wertschätzung sind die Basis.

Think Partnership. Think Aesculap.

Think Competence

Das Informations- und Beratungszentrum in Tuttlingen ist weltweit einmalig. An keinem anderen Ort könnte ich so überzeugend und mit einer solchen Auswahl beraten!

Think Competence. Think Aesculap.

Unsere Instrumente werden von Chirurgen auf der ganzen Welt geschätzt. Ich weiß, warum das so ist und sorge dafür, dass es so bleibt.

Think Quality. Think Aesculap.

Am Anfang sind meine Gesprächspartner manchmal skeptisch: hohe Qualität und trotzdem eine wirtschaftlich sinnvolle Lösung?
Dann lasse ich einfach Fakten sprechen.

Think Economy. Think Aesculap.

Think Economy

Think Service

Manchmal sorgen wir auch mit Kleinigkeiten für einen reibungslosen Prozess. Hauptsache alles läuft und alle sind zufrieden.

Think Service. Think Aesculap.

Think Innovation

Jedes neue Produkt ist wie ein eigenes Baby. Man kümmert sich liebevoll darum, bis es irgendwann das Haus verlässt.

Think Innovation. Think Aesculap.

Think Quality. Think Aesculap.

Um den eigenen hohen Ansprüchen und den Erwartungen der Anwender in allen Bereichen gerecht zu werden, sind auch die Aesculap Qualitätsanforderungen außerordentlich hoch. Bei mehr als 17.000 Produkten, die nahezu alle Indikationen der einzelnen Fachbereiche abdecken, kein einfaches Unterfangen.

Von vornherein hat man sich daher eine eigene Qualitätsnorm auferlegt, die die erlaubten DIN/ISO Standard-Toleranzen in jeder Hinsicht stark begrenzt. Das macht sich bereits bei der Auswahl und Prüfung der Werkstoffe bemerkbar und setzt sich über den gesamten Fertigungsprozess fort.

Die auf einer Symbiose aus Hightech und Handarbeit basierende Herstellungstechnik der Instrumente sowie eine hohe Fertigungstiefe ermöglichen Modelltreue und höchste Präzision in stets gleichbleibender Qualität.

Bei Aesculap weiß man schließlich seit über 130 Jahren, dass es nichts Wirtschaftlicheres gibt, als eine hohe Qualität.

Qualitätssicherung

Ein wesentlicher Bestandteil des umfangreichen Qualitätsmanagement-Systems ist der integrierte Ablauf von der Produktidee, über die Entwicklung, die Produktion bis zum geprüften fertigen Instrument. Dies beinhaltet moderne Fertigungsverfahren und gesicherte Prozessabläufe inklusive systematischer Qualitätskontrollen, um die konstant hohe Aesculap Qualität zu sichern.

Nur mit dem Know-how, der Erfahrung und Sorgfalt der Aesculap Chirurgiemechaniker lässt sich reproduzierbare Aesculap Qualität über Jahrzehnte hinaus garantieren. Wissen, das man verantwortungsvoll weitergibt.

Hartmetall-Instrumente

Bei Instrumenten mit Hartmetall-Einlagen verwenden wir nur hochwertige nickelgebundene Hartmetall-Plättchen, die sich durch eine hohe Korrosionsbeständigkeit und einen geringen Verschleiß auszeichnen.

Arterienklemme – Olive im Maulbereich

Die Olive bildet den Übergang vom Arbeitsende zum „Schluss" des Instrumentes. Durch diese besondere Anatomie wird das Maul elastischer und das Instrument weniger bruchanfällig.

Wie wir erreichen, dass jedes Aesculap Instrument präzise den Formen und Abmessungen des Masters entspricht? Wir kontrollieren jedes einzelne Instrument!

Think Innovation. Think Aesculap.

Im kontinuierlichen Dialog mit Praktikern und klinischen Partnern entwickelt und realisiert Aesculap Instrumente für alle chirurgischen Disziplinen – nicht selten mit Vorbildcharakter. Weltweit arbeitet ein Team von etwa 200 Mitarbeitern im Bereich Forschung und Entwicklung an neuen, wirtschaftlich tragbaren Lösungen im Sinne einer bestmöglichen Patientenversorgung.

Nicht das technologisch Machbare, sondern das medizinisch Sinnvolle steht dabei grundsätzlich im Mittelpunkt.

Sinnvolle Entwicklungen bedeuten für uns, den Verlauf eines chirurgischen Eingriffs durch die Funktionalität des eingesetzten Instrumentariums unter wirtschaftlichen Gesichtspunkten entscheidend positiv zu beeinflussen, wie zum Beispiel:

BipoJet

Bipolare Präparierschere für die offene Chirurgie

BipoJet ermöglicht Präparieren, mechanisches Schneiden und Koagulieren in einem Arbeitsgang. Dies bedeutet für den Chirurgen, dass er mit BipoJet noch schneller, sicherer und effizienter arbeiten kann. Neuartige Fertigungstechnologien wie der solide Keramikeinsatz im Scherenblatt sowie eine PEEK-Kunststoffbeschichtung stehen für die Langlebigkeit und elektrische Sicherheit. Für die Klinik bedeuten Effizienz, Sicherheit und Langlebigkeit einen wichtigen wirtschaftlichen Vorteil.

Retraktionssystem Münster

Das Retraktionssystem Münster, mittlerweile ein Synonym für Variabilität, Flexibilität und Stabilität in der Abdominalchirurgie, wurde in seiner Weiterentwicklung durch einen neuen offenen Rahmen ergänzt. Dieser ist durch eine neuartige Gelenktechnologie stufenlos in drei Ebenen leicht und schnell verstellbar. Für den Anwender bedeutet dies noch mehr Freiraum und Anpassungsfähigkeit des Systems an die individuelle OP-Situation.

Mikro-Instrumente

für die Herz- und Gefäßchirurgie

Hergestellt mit modernsten Fertigungstechnologien aus ausgewählten Materialien für ausgezeichnete Funktionalität. Die Arbeitsflächen der Maulteile von Nadelhaltern und Pinzetten sind mit der Aesculap DIADUST Diamantstaub-Beschichtung versehen. Das Ergebnis: eine harte Arbeitsfläche mit hoher Verschleißfestigkeit. Darüber hinaus bietet DIADUST-Beschichtung ein zuverlässiges Fassen von feinen Nadeln sowie von Weichgewebe.

Gemeinschaftsentwicklung

Bei der Neu- und Weiterentwicklung von chirurgischen Instrumenten arbeitet Aesculap eng mit den Anwendern zusammen. So entstehen hochwertige Produkte, die Maßstäbe setzen und bis ins Detail den Wünschen und Anforderungen des Chirurgen entsprechen.
Aus dieser Kooperation zwischen Aesculap Spezialisten und erfahrenen Anwendern erwachsen wertvolle Synergie-Effekte und außergewöhnliche Projekte, die immer wieder maßgebliche Innovationen im Bereich der chirurgischen Instrumente hervorbringen.

Ein straff konzipiertes Projektmanagementsystem sorgt zudem für Transparenz und Effizienz der Aesculap Entwicklungsprojekte.

BipoJet – ein Beispiel aus der Praxis

Prof. Dr. med. Gottfried Müller ist Chefarzt der Chirurgischen Klinik im Caritas-Krankenhaus Bad Mergentheim und seit über 20 Jahren maßgeblich in die Entwicklung von Aesculap chirurgischen Instrumenten involviert.

„Eine über 20-jährige erfolgreiche und angenehme Zusammenarbeit mit Aesculap an einer Vielzahl von Projektideen bedeutet für mich freundschaftliches und vertrauensvolles Zuhören, fachlich fundiertes Diskutieren, exaktes Recherchieren und Programmieren von Projekten in Untertiteln: Innovation, Sinnhaftigkeit, Markterwartung, Funktion, Ergonomie, Material, Qualität, Fertigung, Recherche, Überprüfung, Funktionalität, Sicherheit, Zuverlässigkeit, klinische Kontrolle, Praktikabilität, Wirtschaftlichkeit, Systemtauglichkeit und Marktverträglichkeit. All diese Schlagworte stehen hinter Projekten, die für mich interessant waren und sind.

Aesculap bedeutet für mich aber auch die persönliche Verbindung mit interessanten Menschen, die ihre Erfahrung und Kraft in viele Kontakte einbringen, wie Ingenieure, Mechaniker, Sekretärinnen, Betriebswirte, Mediziner und Entwickler, viele kreative Frauen und Männer aller Berufsklassen.

Aesculap zu kennen heißt für mich, Einblick in eine große seriöse Einheit zu haben, deren Aufgabe es ist, Produkte für die Medizin zu liefern – also Dinge, die mit uns Chirurgen direkt zu tun haben. Aesculap ist vor diesem Hintergrund für jeden Chirurg ein Begriff. Dahinter stehen für mich Menschen am Schreibtisch und am Schraubstock, die sich mit allem Einsatz für Projekte in Zusammenarbeit zur Verfügung stellen, Projekte, die meine medizinische Zukunft mitbestimmen.

Jüngstes Beispiel hierfür ist die gemeinsame Entwicklung von BipoJet."

Dr. med. Albert Linder ist Chefarzt der Abteilung Thorax-Chirurgie an der Lungenklinik Hemer und von der Idee „aus der Praxis für die Praxis" überzeugt. Herr Dr. Linder arbeitet seit mehr als 10 Jahren als klinischer Berater eng mit Aesculap zusammen.

„Die Entwicklung der BipoJet-Schere ist ein hervorragendes Beispiel dafür, wie Anwenderideen aus der täglichen Arbeit im OP in kurzer Zeit zu einem marktreifen High-Tech-Produkt werden können. Bei Aesculap geschieht das in ausgezeichneter Kooperation zwischen Chirurg und Entwicklungsteam und immer vor Ort, mal im OP, mal in der Werkstatt."

Projektberatung mit allen Funktionsbereichen der Klinik im Informations- und Beratungszentrum (IBZ) in Tuttlingen.

Durch stetige Veränderungen im Gesundheitsmarkt, der Einführung der DRGs sowie des Total Quality Managements gewinnt das Thema „Investition in chirurgische Techniken" enorm an Brisanz – und etwaige Fehlentscheidungen lassen sich im Nachhinein nur schwer korrigieren.

Das Team der Aesculap Projektplanung, Fachleute mit Know-how und operationellem Sachverstand, unterstützt Krankenhäuser und Kliniken bei der Planung kleiner und großer Projekte und setzt sie routiniert, zeitnah und zuverlässig um. Weltweit.

Das Team kooperiert mit Architekten, Technikern, Ärzten, Pflegepersonal und Verwaltung, analysiert Abläufe, ermittelt Bedarfe und schafft die Voraussetzung für optimierte Prozesse. Das Ergebnis ist eine fundierte Projektierung, die von A bis Z funktioniert. Ob Neubau einer Klinik oder Aufbau einer neuen Disziplin.

Hospitationen

Vor einer geplanten Investition steht man immer einer Vielzahl von Fragen und Entscheidungen gegenüber, deren konkrete Beurteilung oftmals erst später möglich ist. Wir haben es uns darum zur obersten Devise gemacht, Ihnen ein Höchstmaß an Entscheidungssicherheit mit auf den Weg zu geben. Aus diesem Grund bieten wir unseren Gesprächspartnern die Möglichkeit, sich neben unserer umfassenden Beratung in Tuttlingen auch in Form einer Hospitation ein genaues Bild unserer Leistungen zu machen und sich mit Kollegen in anderen Kliniken fachspezifisch über alle Funktionsbereiche hinweg auszutauschen. Soviel Sicherheit muss sein.

Planung & Beratung – ein Beispiel aus der Praxis

„Bei komplexen Projekten braucht man einen vorausschauenden Partner, der bei Detailfragen das Gesamtkonzept im Auge behält ..."

Dipl.-Betriebswirt Dr. Dr. Dirk Knüppel

Dipl.-Betrw. Dr. Dr. Dirk Knüppel, Direktionsassistent der Frankfurter Rotkreuz-Krankenhäuser e. V. und Projekt-Verantwortlicher, über den Aesculap Planungs- und Beratungsservice im Rahmen des Großprojekts „Fachrichtungswechsel und OP-Neubau am RKH Frankfurt"

Anlass der Zusammenarbeit mit Aesculap war der Fachrichtungswechsel zwischen der Klinik Rotes Kreuz und der Klinik Maingau, beides Beleghäuser mit je ca. 30 Operateuren im Raum Frankfurt. Laut Beschluss der Aufsichtsbehörde sollten zum 01. Juli 2003 die Maingauer Orthopäden in die Rotkreuz-Klinik und die Gynäkologen sowie Urologen in die Klinik Maingau wechseln. Ziel war eine Straffung der Disziplinen je Standort – eine Forderung der Kostenträger, die beinhaltet, dass die gleichen Fachbereiche nicht mehr in beiden Kliniken vorgehalten werden dürfen. Zeitgleich mit dem Umzug stand die Eröffnung des neuen OP- und Funktionstraktes mit angegliederter ZSVA in der Rotkreuz-Klinik an.

Ein komplexes Projekt also, das die externe Unterstützung eines erfahrenen Beraters erforderlich machte. Für die Umsetzung wünschten wir uns einen vorausschauenden Partner, der auch bei Detailfragen das Gesamtkonzept im Auge behält. So kam es zu Beginn des Jahres 2002 zu ersten Gesprächen mit einem Aesculap Mitarbeiter bezüglich des anstehenden Projekts. Gemeinsam wurde zunächst das Dienstleistungsangebot von Aesculap geprüft und dann die weiteren Schritte beschlossen. Für Transparenz und Sicherheit sorgte von Beginn an ein detaillierter Liefer- und Dienstleistungsvertrag, der alle Bestandteile der Service-Leistungen von der Neulieferung der Instrumente, über die Sanierung und den Werterhalt bis hin zur Installierung von instacount®PLUS im Rahmen eines „Worst-Case-Szenarios" enthielt. Darüber hinaus war die Bedarfs- und Kostenschätzung durch Aesculap eine wertvolle Grundlage für die Budgetplanung der Kliniken.

Beratungsbasis war eine Bestandsanalyse beider Kliniken, deren Ergebnis im Kreise der Pflegedienst- und OP-Leitungen sowie der Hygiene und der Geschäftsleitung beider Kliniken präsentiert wurde. Vor diesem Hintergrund unterteilte Aesculap die Instrumente in beiden Häusern zunächst in drei Kategorien: veraltet (hoher Anteil an Korrosionen), reparaturbedürftig, und ohne Einschränkung wieder verwendbar. Die Reparatur und Aufbereitung älterer Instrumente wurde in Etappen organisiert, um Beeinträchtigungen im laufenden Betrieb weitestgehend zu vermeiden. Im Anschluss erfolgte die Errechnung des voraussichtlichen Zusatzbedarfes an Instrumenten und Geräten in Abstimmung zwischen Aesculap und den OP-Leitungen. Dieser Mehrbedarf resultierte einerseits aus dem Fachrichtungswechsel, um bei parallel laufenden OPs einer Disziplin genügend Instrumentarium zur Verfügung zu haben und andererseits aus dem Anspruch, innerhalb der neuen, qualitativ verbesserten ZSVA einen reibungslosen und sicheren Ablauf zu gewährleisten. Im nächsten Schritt wurden direkt am Aesculap Standort in Tuttlingen die benötigten Instrumente ausgesucht und eine neue Sieb- und Containerstruktur entwickelt, die den Bedarf beider Häuser berücksichtigt und im gleichen Zuge die teure Vorhaltung nicht benötigter Instrumente ausschließt.

„Das A und O ist eine wirtschaftliche Zusammensetzung – so viel wie nötig, so wenig wie möglich."

Bereits in dieser Phase des Projekts wurden die positiven Effekte der Beratung durch Aesculap bei allen Beteiligten deutlich: Durch die frühzeitige Planung im Vorfeld konnten zeitliche und strukturelle Engpässe weitestgehend vermieden werden und das ohnehin verstärkt beanspruchte Personal wurde durch den Aesculap Beratungsservice während der gesamten Umstrukturierungsphase optimal entlastet. Durch die Sieb- und Containeroptimierung wurden zudem überflüssige Vorhaltekosten vermieden und die Abläufe gewannen in hohem Maße an Wirtschaftlichkeit.

Beide Kliniken haben durch den Fachrichtungswechsel ein schärferes Profil mit eindeutigen Schwerpunkten erhalten, was zu höheren Fallzahlen und einer besseren Spezialisierung führte. Die gemeinsam mit Aesculap realisierte Prozessoptimierung und Standardisierung hat hier mittelfristig zu merkbaren Kosteneinsparungen geführt und spiegelt unseren Gesamtanspruch wieder, bei kalkulierbaren Kosten eine bestmögliche Behandlungsqualität anzubieten. Die Umstrukturierung in Verbindung mit dem Planungs- und Beratungsservice von Aesculap hat zudem die Anpassung an DRG-Bedingungen bei gleichzeitiger Qualitätssteigerung unterstützt.

Da alle Entscheidungen in enger Abstimmung zwischen Aesculap und den Verantwortlichen in den Kliniken getroffen wurden, gab es trotz der Komplexität des Projekts keine Informationsdefizite oder zeitlichen Verzögerungen. Umzug und Eröffnung des OP-Trakts fanden pünktlich am 1. Juli 2003 statt, wobei hervorgehoben werden sollte, dass der Aesculap Mitarbeiter hier nicht nur als Berater, sondern auch tatkräftig im wahrsten Sinne des Wortes zur Verfügung stand.

Effizient arbeitet nur derjenige, der den Überblick über sein Instrumentarium behält. Einsparungen sind nur dann sinnvoll realisierbar, wenn man seinen Bestand kennt und ihn konsequent organisiert.
Aber wer soll sich im Tagesgeschäft darum kümmern?

Mit der Bestandsanalyse übernimmt Aesculap als spezialisierter Dienstleister die quantitative Erfassung und qualitative Analyse des kompletten Instrumentariums – über alle Disziplinen und Produktlieferanten hinweg.
Das Ergebnis ist eine objektive, detaillierte und aktuelle Dokumentation der Bestände inklusive des Wartungs-, Reparatur- und Beschaffungsbedarfs sowie der damit verbundenen Kosten.

Mit der folgenden Sieboptimierung wird der Bestand vor Ort exakt an die spezifischen Anforderungen von Indikationen und OP-Techniken angepasst. Diesem Schritt geht in der Regel ein Besuch aller Funktionsbereiche im Informations- und Beratungszentrum (IBZ) in Tuttlingen voraus. Es werden Arbeitsabläufe besprochen, neue Siebstrukturen gemeinsam konzipiert und bei Bedarf neue OP-Techniken erläutert.

Alles in allem trägt dieses Konzept zu größtmöglicher Transparenz bei, verschlankt Abläufe, eröffnet Einsparpotenziale, gibt Investitionssicherheit und ist ein wesentlicher Baustein des Qualitätsmanagements, das Ziel der Prozessoptimierung immer im Blick.

Bestandsanalyse & Sieboptimierung – ein Beispiel aus der Praxis

Chefarzt Prof. Dr. med. Hans-Rudolf Tinneberg, Direktor des Zentrums für Gynäkologie und Geburtshilfe der Justus-Liebig-Universität Gießen und Otto Armstroff, Abteilungsleiter Technischer Einkauf, über Ablauf und Ergebnis des Aesculap Projekts „Bestandsanalyse und Sieboptimierung in der Frauenklinik der Universität Gießen".

Prof. Tinneberg

„ Durch die Prozessoptimierung haben unsere Mitarbeiter mehr Zeit für das Wesentliche – den Patienten und die Qualität der Behandlung ... "

Erstklassige operative Ergebnisse hängen nicht nur vom Können des Operateurs ab, sondern auch von der Qualität der verwendeten Instrumente und der Zusammenstellung der Siebe. Wir verfügen heute über eine optimal abgestimmte Siebstruktur, die in jeder Hinsicht das operative Spektrum berücksichtigt und gerade unter DRG-Bedingungen in erheblichem Maße zu mehr Wirtschaftlichkeit, einer Straffung der Ablauforganisation und nicht zuletzt zu einer hohen Ergebnisqualität beiträgt.

Die Prozessoptimierung innerhalb der Universitäts-Frauenklinik ist u.a. das Resultat einer Bestandsanalyse und Sieboptimierung, mit der wir Aesculap im Herbst 2002, nach meiner Übernahme des Direktorats der Frauenklinik, beauftragten. Mit dem Stellenwechsel kam es zu einer Verlagerung der Schwerpunkte und somit zu einer intensiveren Hinwendung zur operativen Gynäkologie. Der tägliche Umgang mit den eigenen Instrumenten war geprägt von Unzufriedenheit, so dass gemeinsam mit der Verwaltung beschlossen wurde, hier grundlegende Veränderungen vorzunehmen. Aesculap war bereits an den ersten Gesprächen beteiligt und überzeugte alle Beteiligten mit dem Konzept einer Bestandsanalyse mit anschließender Sieboptimierung. Die Bestandsanalyse wurde von zwei speziell ausgebildeten Aesculap Mitarbeitern durchgeführt und umfasste das gesamte operative Instrumentarium. Es wurde eine detaillierte Liste aller vorhandenen Instrumente erstellt, die sowohl quantitativ für Transparenz über die Produktbestände sorgte als auch qualitativ den Zustand der Instrumente bezüglich der Abnutzung und des Wartungs- bzw. Reparaturbedarfs dokumentierte. Im Anschluss folgte auf Basis dieses Gutachtens die Analyse des Gesamtwertes sowie der Aufarbeitungs- und Ersatzbeschaffungskosten.

Nachdem nur ein geringer Prozentsatz der vorhandenen Instrumente durch Reparatur weiterhin verwendbar war, wurde mit Aesculap eine komplette Neuzusammenstellung der Siebe vereinbart.
Ausgesprochen konstruktiv verlief der Besuch der Operateure bei Aesculap in Tuttlingen. Hier konnten wir punktgenau auf unseren Bedarf abgestimmte Instrumente auswählen und zudem sogar nach unseren Wünschen speziell angefertigtes Instrumentarium bestellen. Die Siebstruktur wurde komplett überarbeitet und dem OP-Spektrum der Frauenklinik angepasst. Unübersichtliche Siebe wurden in Abstimmung mit den OP-Leitungen aufgeteilt, und Instrumente, die aufgrund veränderter OP-Techniken nicht mehr benötigt wurden, konnten aussortiert werden. Dies führt insgesamt zu einer Qualitätssteigerung, deren Niveau aufgrund eines mit Aesculap abgeschlossenen Wartungsvertrages auch mittel- und langfristig gewährleistet ist. So haben wir die Sicherheit, dass uns für anspruchsvolle Operationen jederzeit ein hochwertiges und präzises Instrumentarium zur Verfügung steht.

Die Mitarbeiter im OP profitieren von der Sieboptimierung in hohem Maße, da durch die erhöhte Übersichtlichkeit die Fehlerquote der ZSVA deutlich verringert werden konnte und durch die Verschlankung der Abläufe mehr Zeit bleibt für das Wesentliche: den Patienten und die Qualität der Behandlung.
Darüber hinaus ist auch die Verringerung der körperlichen Belastung durch Einhaltung der Sieb- und Beladegewichte nicht zu unterschätzen. Eine erhöhte Mitarbeitermotivation wurde zusätzlich durch die Schulungen erreicht, die Aesculap hier vor Ort während des Projekts durchgeführt hat. Ziel war es, die Mitarbeiter in Umgang und Pflege der Instrumente zu schulen aber auch die Bezeichnungen der Instrumente nach Autoren (Langenbeck-Haken, Metzenbaumschere etc.) für alle verständlich zu machen und dies in den täglichen

„ Wir haben die Sicherheit, dass uns für anspruchsvolle Operationen jederzeit ein hochwertiges und präzises Instrumentarium zur Verfügung steht ... "

Arbeitsprozess einfließen zu lassen. Darüber hinaus wurde eine Schulung für alle Ärzte veranstaltet, bei der Aesculap die Zusammensetzung der neuen Siebstruktur (Set-System mit zum Teil abteilungsübergreifenden Grund- und Zusatzsieben) nochmals umfassend erläuterte.

Als äußerst positiv in der Zusammenarbeit mit Aesculap ist schließlich herauszustellen, dass die Beratung zu jeder Zeit sachorientiert und nicht profitgesteuert war und ist.

Der von den Aesculap Beratern erarbeitete ausführliche Bericht der Bestandsanalyse wird auf Wunsch den verschiedenen Zuständigkeitsbereichen in der Klinik präsentiert. Gemeinsam werden die Möglichkeiten zum weiteren Vorgehen erörtert.

Otto Armstroff

Aus der Sicht des Einkaufsleiters spielen Qualitätsaspekte ebenso eine Rolle wie wirtschaftliche Überlegungen. Das hat aber mit kurzfristigen Kosteneinsparungen nicht viel zu tun. Bezogen auf eine umfassende Bestandsanalyse und Sieboptimierung bedeutet das, vorausschauend zu planen und vor allem Komplexitäten weitestgehend zu reduzieren.

Berücksichtigt wurde bei diesem Projekt beispielsweise auch die Umstellung von einer dezentralen zu einer zentralen Sterilversorgungsabteilung innerhalb des Klinikums; hier konnten Aufbereitungskapazitäten nachhaltig gesteigert und Kosten gesenkt werden. Zudem wurde eine Verbesserung der ZSVA-Durchlaufzeiten erreicht, da sich durch die Homogenisierung der Siebinhalte und die wirtschaftliche Struktur der Siebe auch die Packzeiten verkürzten. Durch die konsequente Auslagerung der Aufbereitung konnten diese Tätigkeiten zudem auf den Bereich der ZSVA konzentriert werden und das Personal innerhalb der Abteilung wird zu Gunsten der ihm eigentlich zugedachten Aufgaben entlastet.

„ Unser Ziel:
Transparenz im Sinne der
Qualitätssicherung und Nutzung
von Einsparpotentialen ... "

Wirtschaftlich und im Sinne eines professionellen Qualitätsmanagements vorteilhaft ist der Umstand, dass alle unter heutigen Gesichtspunkten als bedenklich geltenden Artikel (verchromt, korrodiert) aus dem Bestand entfernt und gleichzeitig sanierungsfähige Altbestände nach der Reparatur Kosten sparend wieder in die neue Siebstruktur integriert wurden.

Heute verfügen wir über ein einheitliches Sortiment, in dem sich jedes einzelne Instrument durch seine Artikelnummer exakt identifizieren und nachverfolgen lässt – die so geschaffene Transparenz ermöglicht gerade unter DRG-Bedingungen die benötigte Präzision bezüglich der Kosten- und Budgetplanung.

Durch die gute und abteilungsübergreifende Kommunikation zwischen den Projektbeteiligten und Aesculap sowie die professionelle Arbeitsweise des Aesculap Teams vor Ort war ein störungsfreier Verfahrensablauf jederzeit gewährleistet.

Aufgrund dieses positiven Ergebnisses hat der Vorstand des Universitätsklinikums Gießen beschlossen, auch innerhalb der anderen chirurgischen Disziplinen eine Sieboptimierung durch das Aesculap Team vornehmen zu lassen.

Die Vorteile einer Sieboptimierung sind, neben einem Wissenstransfer und einer Steigerung des OP-Qualitätsmanagements die Möglichkeit, innerhalb der ZSVA die Effizienz des Mitarbeitereinsatzes zu steigern und eine Reduzierung des Aufbereitungsaufwandes zu erreichen.

Waschen/Desinfektion

Reduzierung ...

- ... des Verbrauchs von Reinigungs- und Desinfektionsmitteln
- ... der Maschinenkapazitäten durch gezielte Aufbereitung
- ... der Wartungskosten durch reduzierten Einsatz

Packen

Reduzierung ...

- ... der Packzeiten
- ... des Packmaterials

Sterilisation

Reduzierung ...

- ... des Medienverbrauchs
- ... der Maschinenkapazitäten durch gezielte Aufbereitung
- ... der Wartungskosten

Logistik

Verbesserung ...

- ... der Verfügbarkeit von Instrumenten
- ... der Wagenkapazität

OP

Reduzierung ...

- ... der fallbezogenen Kosten
- ... der Komplexität des OP-Ablaufs Sicherung des OP-Qualitätsmanagements

Nur die im linken Sieb befindlichen Instrumente wurden während einer OP aus dem gesamten Grundsieb benutzt. Trotzdem muss das gesamte Grundsieb mit allen Instrumenten in der ZSVA gereinigt, desinfiziert, gepackt, gepflegt und sterilisiert werden. Auf diese Weise werden Tonnen von Instrumenten unnötig aufbereitet. Eine Sieboptimierung kann die damit verbundenen Kosten deutlich reduzieren.

Kalkulationsbeispiel zur Kostenreduzierung durch eine Sieboptimierung

Beispiel vorher „ohne Sieboptimierung"	Beispiel nachher „mit Aesculap Sieboptimierung"
MIC-Set + Basis-Set ca. 120 Instrumente	**MIC-Set + einige zusätzliche Standard-Instrumente ca. 45 Instrumente**
2 Sterilguteinheiten	**1 Sterilguteinheit**
bei einem Mittelwert von 15 Eingriffen pro Woche	**bei einem Mittelwert von 15 Eingriffen pro Woche**
1560 Sterilguteinheiten im Jahr	**780 Sterilguteinheiten im Jahr**

Ergebnis „mit Aesculap Sieboptimierung" u.a.:

- **ca. 50% weniger Sterilisationskapazität**
- **ca. 50% Packzeitreduzierung**
- **ca. 20 – 40% weniger Materialeinsatz**
- **Steigerung der Mitarbeitermotivation**

Think Partnership. Think Aesculap.

Hochwertige Werkzeuge verdienen Wertschätzung im wahrsten Sinne des Wortes. Der Instrumentenbestand einer Klinik stellt schließlich einen nicht unerheblichen Teil des Anlagevermögens dar.

Die Aesculap Qualitätsreparatur basiert daher auf den strengen Qualitätsnormen der Instrumentenherstellung und garantiert, dass Wert und Funktion jedes Instruments so lange wie möglich erhalten bleiben – mit Sicherheit. Zu Ihrem Vorteil.

Neben den geleisteten Einzelreparaturaufträgen sind Werterhaltungsverträge – insbesondere bei der Neuausstattung des OP – empfehlenswert. Die Budgetsicherheit sowie das detaillierte Reporting, welches die Prozesstransparenz erhöht und eine direkte Kostenstellenzuordnung ermöglicht, sprechen für die Aesculap Qualitätsreparatur.

Ein flächendeckendes Außendienstnetz von Aesculap Mitarbeitern und Fachhändlern stellt den zuverlässigen Service vor Ort jederzeit sicher.

Die Spezialisten vom Aesculap Technischen Service (ATS) sind darauf bedacht, den Lebenszyklus aller Instrumente zu verlängern und achten so z. B. auf einen möglichst geringen Materialabtrag beim Schleifen von Scheren. Ob schärfen, polieren, justieren oder reinigen – beim ATS geschieht alles mit einer konstanten Präzision und Sorgfalt.

Während die Aesculap Qualitätsreparatur bereits bei einfachen Standard-Instrumenten eine sinnvolle Investition darstellt, so ist sie bei hochwertigen, diffizilen Instrumenten wie z.B. einer Mikrofeder-schere ein unbedingtes Muss. Jede unsachgemäße Reparatur kann aus einem wertvollen Instrument schnell ein ungeliebtes Abschreibungsobjekt machen – dem automatisch eine ungeplante Ersatzinvestition folgt.

Mit jeder durchgeführten Reparatur wird die Oberfläche der Instrumente übrigens komplett überarbeitet und mit dem ATS-Siegel sowie dem Reparaturdatum versehen. Denn auf jede Qualitätsreparatur gibt es ein Jahr Garantie.

Der Aesculap Technische Service ist für Sie da: Über unsere Hotline helfen erfahrene Spezialisten dem OP-Team schnell und zuverlässig aus der Klemme. Und reparaturbedürftige Instrumente werden durch unseren Service auf Wunsch in der Klinik abgeholt und nach erfolgter Qualitätsreparatur schnellstens retourniert.

Heute wird von Krankenhäusern mehr denn je wirtschaftliches Denken, effizientes Kostenmanagement sowie Rechts- und Patientensicherheit verlangt. Künftig müssen auch für das chirurgische Instrumentarium alle Abläufe klar dokumentierbar und eindeutig nachvollziehbar sein.

Damit dies zuverlässig funktioniert, bietet Aesculap seinen Kunden das Instrumenten Management System instacount®. Durch die Inventarisierung des Instrumentenbestands wird es möglich, Siebe und Instrumente über ihre gesamte Lebensdauer hinweg zuverlässig und übersichtlich in ihrem Kreislauf zu verfolgen.

Darüber hinaus können neben dem Einkaufspreis gleichermaßen die Kosten für Reparaturen und Handling pro Sieb, pro OP und pro Patient dokumentiert und entsprechend zugeordnet werden.

Neben der Systemlösung instacount® PLUS ist zudem auch eine BASIC-Version verfügbar, die sich als Plug and Play-Software einfach bedienen lässt. instacount® BASIC ist der ideale Einstieg in das Thema „EDV gestützte Dokumentation des Instrumenten Kreislaufes", und ist ohne Probleme auf die Systemlösung instacount® PLUS zu erweitern.

instacount®

Mit der Entscheidung für instacount® PLUS oder instacount® BASIC geben Sie Ihrem Krankenhaus ein solides Fundament für die erfolgreiche Arbeit. Das systematische und effiziente Instrumenten Management macht die Instrumentenbestände transparent und erleichtert Planung und wirtschaftliche Koordination.

Sowohl in instacount® PLUS, wie auch in instacount® BASIC können Sie einfach und schnell Ihr gesamtes Instrumentarium nach den neuesten RKI Richtlinien klassifizieren und kommen so spielend Ihrer Dokumentationspflicht nach.

Instrumenten Management System

- Erstmalige Dokumentation und Standardisierung eines oftmals unklaren Prozesses mit vielen Schnittstellen und internen Reibungsverlusten
- Unterstützung des Aufbereitungsprozesses durch Packassistenten wie Arbeitsanweisungen und Mediaunterstützung (Bild, Ton, Video) u.v.m.
- Inventur auf Knopfdruck (Instrumente, Implantate, Verbrauchsmaterialien)
- Unterstützung der Siebstandardisierung durch frei definierbare Stammdaten mit Schablonen-Technik
- Transparenz über die erbrachten Leistungen durch aussagekräftige Produktionsstatistiken auf Artikel- und Setebene
- Verwaltung und Überwachung von Wartungsintervallen für Siebe, Sets und Artikel
- Automatische Kontrolle der Sterilitätsdauer gelagerter Siebe und Sets
- Einfaches Reparatur- und Bestellmanagement
- Automatische Kostenermittlung bei der Aufbereitung
- Ermittlung der Instrumentenauslastung
- Einzelne Sterilgut- oder Fallwagenzuordnung zum Patienten
- Zahlreiche Auswertungsfunktionen aus Patienten- und Sterilgutsicht

PrimeLine Container

- neu konzipiertes permanentes Keimrückhaltesystem integriert in einen hochgradig thermostabilen Kunststoffdeckel
- Wirtschaftlichkeit durch einmalige Beschaffungskosten, niedrige Verbrauchskosten und „lifetime" Funktion (5000 Zyklen validiert nach DIN EN 868, Teil 8, Anhang G)
- dem Erhalt der Sterilität während Lagerung, Transport und Sterilbereitstellung wird in vollem Umfang Rechnung getragen
- systematische Organisation des Sterilgutkreislaufes im Krankenhaus

Mit PrimeLine unterstreicht B. Braun Aesculap seine weltweit führende Position als Hersteller chirurgischer Instrumente und Sterilcontainer Systeme für die sichere und wirtschaftliche Sterilgutversorgung im Krankenhaus.

Think Competence. Think Aesculap.

Als kompetenter Partner in der medizinischen Fort- und Weiterbildung verknüpft die Aesculap Akademie durch intelligente Netzwerke Medical Professionals in der ganzen Welt. Unter dem Dach von B. Braun bietet sie ein durch Landesärztekammern oder medizinische Institutionen qualitätsgeprüftes Programm für Mediziner, Mitarbeiter in den Funktionsbereichen, Stationen und Praxen sowie Krankenhaus Management an.

Das Aesculapium in Tuttlingen ist Stammsitz der weltweiten Aesculap Akademie Aktivitäten. Differenzierte Schulungskonzepte werden entwickelt, die Theorie und Praxis verbinden, aufeinander aufbauen – gemäß den Richtlinien der „Continuing Medical Education". Das vielseitige Programm umfasst indikationsbezogene Seminare, Workshops und Schulungen ebenso wie Management-Seminare.

Die Mediathek ergänzt das Fortbildungsangebot durch mehr als 270 qualitätsgeprüfte Filme der Deutschen Gesellschaft für Chirurgie. Sie dokumentieren und kommentieren OP-Techniken und chirurgische Themen nahezu jeder Disziplin.

Exzellenz in der medizinischen Fortbildung. Aesculap Akademie.

Innerhalb des Schulungskonzeptes ermöglicht der praxisorientierte Teil u.a. die Erprobung neuer Techniken sowie den Erfahrungsaustausch der Teilnehmer.

Fachkundelehrgänge zum Sterilgutassistenten – ein Beispiel aus der Praxis

Paul-Jürgen Metten arbeitet seit 1982 in der Rheinischen Klinik für Orthopädie in Viersen und leitet dort seit 1989 die OP- und ZSVA-Abteilung. Er absolvierte erfolgreich die Fachkundelehrgänge Sterilgutversorgung I – III von November 2002 bis Dezember 2003 an der Aesculap Akademie in Tuttlingen. In den Fachkundelehrgängen werden von erfahrenen Fachreferenten umfassende Kenntnisse für Mitarbeiter der ZSVA und der OP-Abteilung vermittelt. Die Lehrgangsinhalte reichen von der Instrumentenaufbereitung und -dokumentation über alle Bereiche der Qualitätssicherung, der Kostenrechnung und der Personalentwicklung bis hin zur Vermittlung von rechtlichen Grundlagen, Betriebswirtschaftslehre und speziellen EDV-Voraussetzungen. Die drei Lehrgangsteile bauen aufeinander auf, führen aber zu selbstständigen Abschlüssen. Alle Fachkundelehrgänge basieren auf den Richtlinien der Deutschen Gesellschaft für Sterilgutversorgung (DGSV).

Auszug aus dem Angebot der Aesculap Akademie

OP, ZSVA und Medizintechnik:

- Osteosynthesetechniken
- Endoprothetik
- Motorensysteme
- Qualitätsmanagement
- OP-Management
- Sterilcontainer/ZSVA
- ...

Mediziner:

- Laparoskopische Abdominal-/Viszeralchirurgie
- Laparoskopische Hernienchirurgie
- Mikro-Chirurgie
- Naht-Technik-Seminar
- Laparoskopische Urologie
- Laparoskopische Gynäkologie
- ...

Einkauf und Verwaltung:

- DRGs
- Kompaktwissen Einkauf und Management
- Prozessoptimierung
- Qualitätssicherung
- Vertragsrecht
- Marketing und Vergabeordnung
- ...

„Ich habe mich für die Ausbildung mit der Aesculap Akademie entschieden, um mich sowohl fachlich als auch persönlich weiter zu qualifizieren. Natürlich hatte ich gemischte Gefühle nach 22 Jahren im Beruf noch einmal die Schulbank 'zu drücken'. Als jedoch die Betriebsleitung der Klinik die Kostenübernahme für den Lehrgang zusagte und ich mich eingehend über die Organisation und die Inhalte der Schulung informiert hatte, war ich von der Richtigkeit meiner Entscheidung überzeugt. Unterbringung und Verpflegung waren ebenso hervorragend organisiert wie die Bereitstellung der umfassenden Arbeits- und Hilfsmittel. Bei Fragen standen die Mitarbeiter der Aesculap Akademie stets zur Verfügung. Alle Fragen wurden sofort und sachkundig beantwortet und eine konstruktive Diskussion war nicht nur während der Workshops jederzeit möglich und erwünscht. Durch die ständige pädagogische und fachliche Betreuung haben alle Teilnehmer die Prüfung bestanden – was nicht zuletzt natürlich auch den ausgewählten Referenten, die über eine hohe fachliche Kompetenz verfügten und die komplexen Lerninhalte verständlich und praxisnah vermittelten, zu verdanken war.

„Man entwickelt einen Blick für das Wesentliche und lernt, in umfassenden Zusammenhängen zu denken ..."

Im Nachhinein hat sich eindrucksvoll bestätigt, dass sich das neu erworbene Wissen mit hohem Nutzen und sprichwörtlich Gewinn bringend im praktischen Berufsleben umsetzen lässt. Der Blick für das Wesentliche wird geschärft und durch den umfassenden Unterrichtsstoff der aufeinander aufbauenden Lehrgänge ist es möglich, die Zusammenhänge im Krankenhaus besser zu erkennen und zu verstehen sowie Prozesse sinnvoll zu reorganisieren.
Für mich persönlich waren vor allem die Grundlagen des Qualitätsmanagements und der Zertifizierung von besonderer Bedeutung, wie auch die neuen Erkenntnisse zur Validierung von Großsterilisatoren und zur Werterhaltung von Instrumenten. Die Klinikleitung ist vom Ergebnis der Fachkundelehrgänge ebenfalls so überzeugt, dass in Zukunft alle Kolleginnen und Kollegen aus dem OP- und ZSVA-Bereich ihre Ausbildung an der Aesculap Akademie absolvieren werden."

Think Aesculap.

Profound knowledge derives from appreciating the significance of individual pieces of knowledge or experience and fitting them together into a coherent network. A principle B. Braun has been following consistently for more than 160 years, clearly reflected in its corporate claim: "Sharing Expertise". Sharing knowledge across all company divisions creates a broader, sounder knowledge base for everyone involved, resulting in far sighted, detailed solutions and maximum safety. For the benefit of the patient and in the interests of the user.

With over 130 years of experience in the surgical instrument sector, the Aesculap Division is a competent partner for this interdisciplinary knowledge sharing process.

The Aesculap brand represents a varied spectrum that intelligently and economically combines high quality products with process-orientated services. Aesculap is a reliable and accepted partner for the entire surgical process in the hospital.

Aesculap owes its standing among the best in the business to its employees, who, searching for the best possible solution, are never satisfied with their initial idea. Who repeatedly examine, question and optimize every development.

Thus, Aesculap is much more than a supplier of high precision surgical instruments: a partner who listens carefully and contributes ideas, who understands the customers' needs and requirements and provides for them on a high level. From products to services and seminars for all areas of activity within the hospital.

Think Quality

Think Partnership

I treat contracts like a partnership: based on mutual trust and respect.

Think Partnership. Think Aesculap.

Think Competence

The Aesculap Information Center in Tuttlingen is unique. Nowhere else in the world could I advise my customers so competently and offer such choice.

Think Competence. Think Aesculap.

Our instruments are held in high esteem by surgeons all over the world. I know why this is and I make sure it stays that way.

Think Quality. Think Aesculap.

People I talk to can be critical at first: high quality, but still an economically sensible solution?
Then I simply let the facts speak for themselves.

Think Economy. Think Aesculap.

Think Economy

Think Service

Sometimes it's the minor details we provide that make the process run smoothly. The main thing is, everything works and everyone is happy.

Think Service. Think Aesculap.

Think Innovation

Each new product is like your own baby. You lovingly take care of it until it grows up and leaves home.

Think Innovation. Think Aesculap.

Think Quality. Think Aesculap.

To satisfy our own high demands as well as our users' expectations, Aesculap's quality requirements are extraordinarily high. For over 17,000 products covering practically all indications in the separate disciplines: no easy undertaking.

From the very beginning, we have set our own quality standard, severely narrowing the standard tolerances permitted by the DIN and ISO norms.
This can already be seen in the selection and inspection of the raw materials we use, and it continues throughout the entire production process.

Our manufacturing technique, a combination of high technology and precision manual work, integrated with our knowledge and expertise, enable us to produce instruments that are always true to pattern, extremely precise and of consistent high quality.

After all, at Aesculap we have known for more than 130 years that there is nothing more economical than high quality.

Quality Assurance

An essential element in our comprehensive quality management system is process integration, from the product idea through development and production to the inspected finished instrument. This includes modern manufacturing techniques and validated procedures, including systematic quality checks, to ensure that Aesculap quality remains constantly high.

We can only guarantee reproducible Aesculap quality over decades thanks to the technical skill, experience and care of Aesculap's surgical instrument makers. Expertise that is responsibly and conscientiously shared with others.

Tungsten Carbide Instruments

For our instruments with tungsten carbide inserts we use only high quality nickel-bound tungsten carbide tips, well known for their high corrosion resistance and low wear.

Hemostatic Forceps – Olive in the Jaw

The olive forms the transition from the working end or jaw to the "joint" of the instrument. This special design makes the jaw more elastic and the instrument less liable to break.

How do we ensure that every Aesculap instrument conforms exactly to the shape and dimensions of the master pattern? We inspect every single one!

Preface

In constant dialogue with practitioners and clinical partners, Aesculap designs and creates instruments for all surgical disciplines – frequently setting the trend. A team of 200 people around the world is employed in research and development into new, economically viable solutions to provide the best patient care.

The essential focus is not on what is possible technologically, but on what makes sense medically.
Sensible developments for us mean instruments that function in such a way that they decisively and positively influence the course of a surgical operation, whilst not losing sight of economic considerations. For example:

BipoJet

Bipolar Dissecting Scissors for Open Surgery

BipoJet makes it possible to dissect, cut and coagulate in one step. For the surgeon, using BipoJet means that he or she can work more quickly, safely and efficiently. Innovative manufacturing technologies, such as the solid ceramic insert in the scissor blade and the PEEK synthetic coating ensure long life and safe electrical operation. For the hospital, efficiency, safety and long life represent an important economic advantage.

Münster Retraction System

The Münster Retraction System, now a byword for versatility, flexibility and stability in abdominal surgery, has been further developed to include a new open frame that can be quickly and easily adjusted into any position in three planes thanks to an innovative joint technology. This gives the user more freedom of action and further enhances the system's capacity to adapt to the individual operating situation.

Micro Instruments

For Cardiovascular Surgery

Manufactured through latest production technologies, from selected materials, for outstanding functionality. The jaw working surfaces of needle holders and forceps are finished with Aesculap DIADUST diamond dust coating. The result: a hard and hard-wearing working surface. DIADUST coating ensures a reliable grip on fine needles and soft tissue.

Joint Development of BipoJet,

Aesulap cooperates closely with users in the development of new surgical instruments and the further development of existing products. This enables us to create high quality products that set new standards and satisfy the surgeons' wishes and requirements down to the last detail. Valuable synergies and outstanding projects flow from this collaboration between Aesculap specialists and experienced users, resulting time and again in trendsetting innovations in surgical instruments.

Aesculap development projects are conducted within a tightly designed project management system to ensure transparency and efficiency.

a Practical Example

Prof. Dr. med. Gottfried Müller is the Medical Superintendent of the Surgery Clinic in the Bad Mergentheim Charity Hospital, and has played a decisive role in the development of Aesculap surgical instruments for over 20 years.

More than 20 years of successful and enjoyable cooperation with Aesculap on a large number of project ideas means for me friendly and confident listening, discussions based on a thorough knowledge of the subject, accurate project research and programming in categories such as "innovation, feasibility, market expectation, function, ergonomics, material, quality, production, research, testing, functionality, safety, reliability, clinical controls, practicability, cost effectiveness, system suitability and market acceptability". All these headings lie behind projects that were and are interesting for me.

But Aesculap also means for me personal association with interesting people who bring their experience and strength into many different contacts: engineers, technicians, secretaries, business managers, doctors and developers, many creative men and women from all professions.

For me, knowing Aesculap means having an insight into a large and serious entity whose task is to provide products for medicine – things that are directly to do with us as surgeons. Against this background, Aesculap is a name that every surgeon knows. Behind the name I see people at desks and workbenches putting all their commitment into cooperative projects; projects that will help to define my future in medicine.

The latest example of this is the joint development of BipoJet.

Dr. med. Albert Linder is Chief Consultant in the Thoracic Surgery Department in the Hemer Lung Clinic, and is convinced of the value of input from daily practice into the development of products to benefit daily practice. For more than 10 years, Dr. Linder has been working closely with Aesculap as a clinical adviser.

"The development of the BipoJet scissor is an outstanding example of how users' ideas originating from their daily practice in the operating theatre can become a high tech product ready for the market in a very short time. With Aesculap, this is done in excellent cooperation between the surgeon and the development team, and always on site, either in the operating theatre or in the workshop."

Project consultation in the Aesculap Information Center in Tuttlingen involving representatives from all hospital departments.

The question of investing into surgical techniques has been made much more difficult and controversial by the constant changes in the healthcare market and by the introduction of DRGs and total quality management – once made, wrong decisions are extremely hard to put right.

The Aesculap project planning team of specialists with know-how and operational expertise supports hospitals and clinics in planning large or small projects and implements them expertly, reliably, and on time. All over the world.

The team cooperates with architects, technicians, doctors, nurses and hospital managers in analysing procedures, establishing needs and creating the necessary conditions for process optimization. The result is sound and effective project management from A to Z. Whether the task is to equip a new hospital or to build up a new discipline.

Information Visits

When planning an investment, you are faced with many questions and decisions that can often only be properly assessed afterwards. This is why we have made it our guiding principle to give you the greatest possible certainty in your decision-making. We offer our discussion partners the opportunity to form an exact picture of what we can provide, not only through our comprehensive consultation service in Tuttlingen, but also in the form of information visits, where you can have the chance to talk with colleagues in other hospitals on topics relating to all areas of activity. Everything to provide you with a sound basis for a confident decision.

Planning and Consulting – a Practical Example

"For complex projects you need a partner with vision, who keeps the overall concept in view when dealing with the details ..."

Dr. Dr. Dirk Knüppel

"The collaboration with Aesculap was brought about by the discipline swap between the Red Cross Clinic and the Clinic Maingau, both in-patient hospitals in the Frankfurt area with approximately thirty surgeons each. The supervisory authority had decided that the orthopaedic surgeons from Maingau should move to the Red Cross Clinic and that the gynaecologists and urologists from the Red Cross Clinic should move to Maingau by July 1st, 2003. The objective was to streamline the disciplines at each site, complying with the sponsors' demand that the same disciplines should no longer be available at both hospitals. This move was to coincide with the opening of a new operating theatre and functional wing in the Red Cross Clinic, incorporating a CSSD.

A complex project, that required external support from experienced consultants. To implement it, we were looking for a partner with vision, who would keep the overall concept in view when dealing with the details. And so, at beginning of 2002, we began discussions on the project with a consultant from Aesculap. We first looked together at the services Aesculap could offer before deciding what steps to take next. A detailed delivery and service contract – which in a worst-case scenario covered every element in the service package from the delivery of new instruments, refurbishment and value preservation to the installation of instacount®PLUS – ensured transparency and security right from the beginning. In addition, the assessment of requirements and cost estimate supplied by Aesculap provided a valuable basis for the hospitals' budget planning.

The consultation was based on an Inventory Analysis in both hospitals, the results of which were presented to the heads of nursing, surgery and hygiene and to the business directors. Aesculap began by sorting the instruments from both hospitals into three categories: obsolete (high degree of corrosion), in need of repair, and still usable. Repair and refurbishment of the older instruments was organized in stages to avoid disrupting the everyday work of the departments affected more than was absolutely necessary. The next step was for Aesculap and the surgery managers to agree on the additional instruments and equipment required. On the one hand, this additional requirement was a result of the discipline swap, since enough instruments had to be available to carry out parallel operations in the same discipline. On the other hand, it arose from the need for the new, qualitatively enhanced CSSD to operate safely and smoothly. The instruments required were subsequently selected at the Aesculap headquarters in Tuttlingen and a new instrument set and container structure was developed, taking the needs of both clinics into account and excluding instruments that were no longer needed, thus saving the hospitals the expense of storing and maintaining them.

"It is all about finding the right economic combination – as many instruments as necessary, as few as possible"

At this stage of the project, the positive effects of Aesculap's consulting service were already becoming obvious to everybody concerned: early planning in the preparation stage helped to avoid timing and organizational bottlenecks to a great extent. During the entire restructuring phase the Aesculap consulting service offered the best possible support for staff already under additional pressure. Furthermore, the set and container optimization service saved unnecessary costs for storing and maintaining redundant instruments and the procedures became much more economical.

Through the discipline swap, both hospitals gained a sharper profile with clear priorities, leading to higher case turnover and improved specialization. The optimization and standardization of processes we have achieved in collaboration with Aesculap has brought considerable cost savings in the medium term, and reflects our overall objective to offer the best possible quality of treatment at calculable costs. In addition to this, the restructuring, combined with the planning and consulting service provided by Aesculap, has helped us to adapt to DRG requirements while at the same time enhancing the quality of provision.

Since all decisions were taken in close consultation between Aesculap and the respective hospital managers, there were no information gaps and no delays. The discipline swap and the opening of the new operating theatre wing took place on time on July 1st, 2003, and here it should be emphasized that our partner from Aesculap did not just attend as a consultant, but took an active part in the proceedings in the truest sense of the word.

Dr. Dr. Dirk Knüppel, MBA, Assistant to the Board of the Frankfurter Rotkreuz-Krankenhäuser e. V. and project director, talking about the Aesculap planning and consulting service in the context of the major project "discipline swap and new operating theatre at the RKH in Frankfurt"

You cannot work efficiently if you do not maintain the overview of your instrument stocks. It is only by knowing what instrumentation you have and by organising it logically and consistently that you can make real savings.
But who is going to take care of that in the day to day work in the hospital?

In its Inventory Analysis program, Aesculap, as a specialist service provider, makes a quantitative record and a qualitative analysis of the entire instrument stock – covering all disciplines and including all product suppliers. The result is an objective, detailed and up to date documentation of the hospital's stocks, including maintenance, repair and purchasing requirements together with the associated costs.

This is followed by Set Optimization, where the contents of the hospital's instrument sets are reorganized on site to comply exactly with the specific requirements of different indications and operating techniques. The working procedures in the hospital are discussed, a new concept for instrument sets is jointly worked out and new operating techniques can be explained if required.

All in all this concept contributes to maximum transparency, slims down procedures, opens up savings potential, provides security for investment planning and forms an essential component in quality management, with the goal of process optimization always in view.

Inventory Analysis and Set Optimization - a Practical Example

Prof. Dr. med. Hans-Rudolf Tinneberg, Medical Superintendent and Director of the Center for Gynaecology and Obstetrics at the Justus Liebig University, Giessen (Germany), and Otto Armstroff, Head of Technical Purchases, talking about the development and outcome of the Aesculap project "Inventory Analysis and Set Optimization at the gynaecological clinic of Giessen University".

Prof. Tinneberg

"Optimising our processes has given our staff more time for the essentials – the patient and the quality of treatment ..."

Excellent surgical results depend not only on the skills of the surgeon, but also on the quality of the instruments used and on the composition of the instrument sets. Now we have a set structure that is optimally adapted to our requirements, that takes full account of the spectrum of operations we perform and that substantially contributes to greater economy, streamlined processes and, last but not least, better results.

The optimized processes within the university's gynaecological clinic are partly the result of an Inventory Analysis and Set Optimization service that we commissioned from Aesculap in the autumn of 2002, after I had taken over as director of the clinic. The change in directorship led to a shift of emphasis towards operative gynaecology. We were generally dissatisfied with our own instruments in our everyday work, and so, in agreement with the hospital management, we decided to embark on fundamental changes. Aesculap was already involved in the initial discussions and convinced all participants of the merits of the Inventory Analysis and subsequent Set Optimization concept. The Inventory Analysis was carried out by two specially trained Aesculap technicians and covered the entire range of surgical instruments. A detailed list of all instruments was compiled, providing transparency in the quantity of instruments in the clinic and documenting their quality and condition with regard to wear and tear and the need for refurbishment or repair. On the basis of this report, the overall value of the instrument stock and the repair and replacement costs were analysed. As only a small percentage of the existing instruments could be repaired to make them suitable for further use, we agreed with Aesculap to put together a completely new collection of instrument sets.

The surgeons' visit to Aesculap in Tuttlingen was extremely constructive. There we could choose instruments that matched our requirements down to the last detail, and even order special instruments custom-made to our wishes. The instrument set structure was completely optimized and adapted to the range of operations performed at the gynaecological clinic. In agreement with the operating theatre managers, large sets where individual instruments could not be easily identified were divided up and instruments that changes in operating techniques had made obsolete were setaside. This led to an overall increase in the quality of our instrumentation, which will be ensured in the medium and long term through the maintenance contract we have concluded with Aesculap. In this way, we can be certain of having high quality and precise instrumentation always available for demanding operations.

The theatre staff have greatly benefitted from the optimization, since the clearer set contents have significantly reduced the error rate in the CSSD and the streamlined processes leave more time for the essentials: the patient and the quality of treatment. The reduced physical strain for staff through strict controls on set and load weights should also not be underestimated. The training sessions conducted on site by Aesculap during the project provided an additional boost to staff motivation. The aim was to train the staff in the handling and care of the instruments, and also to help them understand the instrument names that refer to the original authors (Langenbeck hooks, Metzenbaum scissors etc.) and introduce these names into the daily routine. In addition to this, a training session was also provided for the surgeons, where Aesculap again gave a thorough explanation of how the new set structure was organized (set system with some interdepartmental basic and supplementary sets).

"...we can be certain of having high quality precise instrumentation always available for demanding operations..."

An extremely positive aspect of our collaboration with Aesculap should be emphasized: the consultation process was, and remains, at all times subject-related, objective and never profit-orientated.

If desired, the Aesculap consultants' detailed Inventory Analysis report can be presented to representatives from the various areas of responsibility within the hospital and the possibilities for further action explored in joint discussions.

Otto Armstroff

From my perspective as head of purchasing, quality aspects are just as important as economic considerations. But this has very little to do with short term cost savings. In relation to a comprehensive Inventory Analysis and Set Optimization, this means planning a long way ahead and above all reducing complexities to the minimum.

For instance, we included in the project the changeover from a decentralized to a Central Sterile Supplies Department in the hospital, which allowed us to achieve lasting capacity gains in instrument reprocessing and to reduce costs. CSSD throughput times were also improved, since the homogenization of the set contents and the economical organization of the sets shortened the necessary packing times. Strict outsourcing of reprocessing meant that all these activities were concentrated within the CSSD, releasing other staff for their intended tasks.

"Our goal:

to create transparency in the sense of quality assurance and to realize savings potential"

One important advantage of the process, both economically and in terms of professional quality management, is the fact that all instruments that nowadays have to regarded as of dubious value (chromium-plated, corroded) were removed from our stocks, while old instruments that could be repaired or refurbished were subsequently re-integrated into the new set structure, leading to further cost savings. We now have a standardized selection of instruments, each of which can be identified and traced by its article number. This level of transparency gives us the accuracy we need for our cost and budget planning, especially under DRG conditions.

The good interdepartmental communication between the project participants and Aesculap and the professional attitude of the Aesculap team during their work in the hospital ensured trouble-free progress at all times. Because of this positive outcome, the Giessen University Hospital Board has decided to commission Aesculap to carry out its Set Optimization service in the other surgical disciplines as well.

The advantages of Set Optimization, in addition to knowledge transfer and enhanced quality management in the operating theatre, are the possibility to enhance staff efficiency and to reduce reprocessing costs in the CSSD.

Washing/Disinfecting

Reduction in ...

- ...the use of cleaning agents and disinfectants
- ...machine capacity requirements through restricting reprocessing to instruments actually needed
- ...maintenance costs through lower usage

Packing

Reduction in ...

- ...packing times
- ...packing material

Sterilization

Reduction in ...

- ...use of consumables
- ⌘ ...machine capacity requirements through restricting reprocessing to instruments actually needed
- ⌘ ...maintenance costs

Logistics

Improvement in ...

- ⌘ ...instrument availability
- ⌘ ...trolley capacities

Operating Theatre

Reduction in ...

- ⌘ ...case-related costs
- ⌘ ...complexity of theatre procedure

From the entire contents of the general instrumentation set, only the instruments in the tray on the left were actually used during an operation. In spite of this, the entire set of instruments had to be washed, disinfected, given general maintenance and sterilized in the CSSD. Tons of instruments are unnecessarily reprocessed in this way.

Set Optimization can substantially reduce the associated costs.

Sample Calculation of Cost Reduction Following Set Optimization

Before Set Optimization:	After Set Optimization by Aesculap:
Laparoscopic set + basic set approx. 120 instruments	Laparoscopic set + some additional standard instruments approx. 45 instruments
2 sterile reprocessing units	1 sterile reprocessing unit
with an average figure of 15 operations per week	with an average figure of 15 operations per week
1560 sterile reprocessing units per year	780 sterile reprocessing units per year

Just some of the results of Aesculap Set Optimization:

- ⌘ approx. 50% less sterilization capacity required
- ⌘ approx. 50% reduction in packing times
- ⌘ approx. 20 – 40 % less use of materials
- ⌘ improved staff motivation

Think Partnership. Think Aesculap.

High quality instruments deserve to be valued in the truest sense of the word. After all, the instrument stock represents no small proportion of a hospital's total assets.

For this reason, the Aesculap quality repair is based on the same strict quality standards we apply to instrument production. This guarantees that the value and function of each instrument is maintained for as long as possible – safely and surely. To your advantage.

In addition to carrying out individual repair orders, we think that contracts to maintain the value of the instrument stock are to be recommended – especially when equipping a new operating theatre. Secure budgeting and detailed financial reporting, increasing process transparency within the hospital and allowing costs to be directly allocated to cost centres, speak for the Aesculap quality repair.

A blanket network of Aesculap sales representatives and distribution partners ensures reliable service on site at all times.

The aim of the Aesculap Technical Service (ATS) specialists is to lengthen the useful life of all instruments. They are careful, for instance, to remove as little material as possible when re-grinding scissors. Whether sharpening, polishing, adjusting or cleaning – in the ATS everything is always done with the same precision and care.

The Aesculap quality repair already represents a sensible investment for simple standard instruments. For high value, difficult instruments such as micro spring scissors it is an absolute must. Every incorrect or inadequate repair can quickly turn a valuable instrument into a useless write-off – automatically resulting in an unplanned investment in order to replace it.

After every repair, the surface of the instrument is completely refurbished and labelled with the ATS seal and the repair date.

The Aesculap Technical Service is there for you: experienced specialists help surgical teams out of their difficulties swiftly and reliably via our hotline. If desired, our collection and delivery service will pick up instruments for repair from the hospital and return them as quickly as possible after the quality repair has been carried out.

Today more than ever before, hospitals are being required to think economically and manage their costs efficiently, as well as to ensure their own legal security and the safety of their patients. In future, all processes involving surgical instrumentation will also need to be clearly documented and fully accountable.

To make sure this functions reliably, Aesculap offers its customers the instacount® Instrument Management System. Making an inventory of the instrument stock allows the circulating sets and instruments to be traced clearly and reliably throughout their lifetime.

Moreover, as well as the instrument purchase price, the repair and handling costs per set, per operation and per patient can also be documented and allocated accordingly.

In addition to the instacount®PLUS system solution, a BASIC version is now available as an easy to use plug and play software option. instacount®BASIC offers the ideal entry into computer assisted documentation of the instrument cycle, and can be expanded into the instacount® PLUS system solution without any difficulty.

instacount®

Deciding on instacount®PLUS or instacount®BASIC gives your hospital a solid foundation for successful working. Systematic and efficient Instrument Management creates transparency in your instrument stocks and makes planning and economic coordination easier.

Instrument Management System

- makes it possible for the first time to document and standardize a process
- improves clarity, system management and optimization
- supports sterile reprocessing with package assistants such as working instructions and media support (picture, sound, video) etc.
- inventory at the touch of a button (instruments, implants, consumables)
- assists the standardization of sets through freely definable master data with template technology
- provides transparency in tasks performed through informative production statistics on the product and set level
- controls and monitors the servicing intervals for trays, sets and individual products
- control automatic the sterility dates for trays and sets in storage
- manages simplier repairs and ordering
- calculates automatically costs for reprocessing
- establishes instrument utilization
- allocates individual the sterile goods or case trolleys to patients
- runs numerous analysis functions by patient or sterile goods

PrimeLine Containers

- newly designed permanent sterile protection system integrated into a high quality thermostable plastic lid
- economical: one-off purchasing costs, low consumable costs and "lifetime" function (5000 sterilization cycles validated in conformance with DIN EN 868, Part 8, Annex G)
- Maintenance of sterility fully assured during storage, transport and sterile preparation for use
- systematic organization of the sterile goods cycle in the hospital

With PrimeLine, B. Braun Aesculap underlines its position as world leader in the manufacture of surgical instruments and sterile container systems for the safe and economical supply of sterile goods in the hospital.

As a competent partner in medical training and education, the Aesculap Academy uses intelligent networks to link up medical professionals all over the world. The quality of the program that the Academy offers for medical professionals, workers in specialist departments, wards and surgeries as well as for hospital management staff, all under the roof of B. Braun, is inspected and approved by the German state chambers of physicians or other medical bodies.

The Aesculapium in Tuttlingen, Germany, forms the headquarters for the Aesculap Academy's international activities. Differentiated training concepts have been developed, combining theory and practice and building one upon the other – in accordance with the guidelines for "Continuing Medical Education". The varied program includes indication-related seminars, workshops and training courses as well as management seminars.

The Mediathek supplements the training program with more than 270 approved quality films from the German Surgery Association. These document and comment on operating techniques and surgery topics from practically every discipline.

Excellence in medical training.
Aesculap Academy.

The practice-orientated component in the training concept allows participants to try out new techniques and exchange experience.

Specialist training courses to become a Sterile Processing Technician – a practical example

Paul-Jürgen Metten has been working in the Rhine Clinic for Orthopaedics in Viersen since 1982, and has been in charge of the Surgery and CSSD Department there since 1989. Between November 2002 and December 2003 he successfully completed Specialist Training Courses I – III in Sterile Goods Supply at the Aesculap Academy in Tuttlingen. In these courses, CSSD and surgery staff are given comprehensive knowledge by experienced tutors. The course contents range from instrument reprocessing and documentation, all aspects of quality assurance, cost accounting and personnel development to basic legal knowledge, business management and specific IT requirements. The three course modules build on each other, although each concludes with an independent qualification. All specialist training courses are based on the guidelines of the Deutsche Gesellschaft für Sterilgutversorgung (DGSV), the German Society for the Supply of Sterile Goods.

A Selection from the Aesculap Academy's Training Programme

Surgery, CSSD and Medical Technology:

- Osteosynthesis techniques
- Arthoplasty
- Motor systems
- Quality management
- Surgery management
- Sterile containers/CSSD
- ...

Doctors:

- Laparoscopic abdominal and visceral surgery
- Laparoscopic hernia surgery
- Microsurgery
- Suture techniques seminar
- Laparoscopic urology
- Laparoscopic gynaecology
- ...

Purchasing and Hospital Management:

- DRGs
- Compact Purchasing and Management course
- Process optimization
- Quality assurance
- Contract law
- Marketing and order placement
- ...

"I decided on training with the Aesculap Academy in order to extend my qualifications both professionally and personally. Of course, I had mixed feelings about "going back to school" after 22 years in a job. However, after the management of the Clinic had agreed to pay the cost of the course and I had informed myself in detail about the organization and the content of the training program, I was convinced that I had made the right decision. The organization of accommodation and catering was as excellent as the provision of comprehensive learning and support material. The Aesculap Academy staff were always on hand to answer any questions, which they did immediately and expertly. Constructive discussion was possible and indeed invited at all times, and not only during the workshops. Thanks to the constant support of the teaching and technical staff, all the participants passed the examination. Thanks are also due of course to the specially selected tutors, who possessed a high degree of competence in their subject and who managed to convey the complicated contents of the course in an understandable and practical way.

"You develop a view for the essential, and learn to think in terms of connections...."

Looking back, I am impressed by the way in which my newly acquired knowledge can be translated into my daily professional activities to great advantage to myself and to the hospital. You develop a sharper view for the essential, and the comprehensive teaching material in the courses enables you to recognize and understand the connections that exist within the hospital, as well as teaching you how to reorganize processes sensibly.

For me personally, learning the basics of quality management and certification was particularly important, as was the knowledge I acquired about the validation of large sterilizers and preserving the value of surgical instruments. The clinic management is also so convinced by the result of the training courses that in future all colleagues working in surgery and CSSD departments will attend training courses at the Aesculap Academy."

Inhaltsübersicht – Table of Contents

Seiten
Pages

AC/AD

Untersuchung-Diagnostik, Vorbereitung
Examination-Diagnostic, Preparation 1-20

BA

Sterilskalpelle, Skalpelle, Messer
Sterile Scalpels, Scalpels, Knives 21-36

BB

Skalpellklingen und Griffe
Scalpel Blades and Handles 37-46

BC

Scheren
Scissors 47-136

BD

Pinzetten
Dissecting- and Tissue Forceps 137-182

BF

Korn- und Tupferzangen, Waschzangen, Tuchklemmen
Sponge- and Dressing-Forceps, Washing Forceps, Towel Clamps 183-208

Seiten
Pages

Inhaltsübersicht – Table of Contents

BH

Arterienklemmen, Bulldogklemmen, Gefäßclipse, Approximatoren
Hemostatic Forceps, Bulldog Clamps, Vessel Clips, Approximators

209-242

BJ

Präparier- und Ligaturklemmen, Hysterektomieklemmen
Dissecting- and Ligature Forceps, Hysterectomy Clamps

243-274

BL

Nähnadeln, Nadeldosen
Surgical Needles, Needle Cases

275-280

BM

Nadelhalter, Naht-Instrumente, Unterbindungsnadeln und Hohlsonden
Needle Holders, Suture Instruments, Ligature Needles, Guiding Probes

281-340

BN

Sonden, Watteträger, Wundklammern
Probes, Cotton Applicators, Suture Clips

341-354

BT

Wundhaken
Wound Retractors

355-454

Inhaltsübersicht – Table of Contents

Seiten
Pages

BV

Wundspreizer, Bauchdeckenhalter
Self-Retaining Retractors, Abdominal Retractors 455-504

GK

Elektrochirurgie
Electrosurgery 505-536

EA

Abdominale Chirurgie, Magen-, Darm- und Rektum-Instrumente
Abdominal Surgery, Intestinal- and Rectal Instruments 537-588

EB

Instrumente für Galle, Leber und Milz
Gall Bladder-, Liver- and Spleen Instruments 589-606

EF

Urologie-Instrumente
Genito-Urinary Instruments 607-632

EJ

Trokare
Trocars 633-634

Seiten
Pages

Inhaltsübersicht – Table of Contents

EL

635-660 Scheidenspekula
Vaginal Specula

EM

661-668 Uterus-Dilatatoren
Uterine Dilators

EO

669-694 Uterussonden, Tampon-, Haken-, Uterusfasszangen
Uterine Probes, Uterine Dressing-, Tenaculum and Uterine Elevating Forceps

ER

695-718 Biopsie- und Kürettage-Instrumente
Biopsy Instruments and Curettes

ET

719-736 Geburtshilfe
Obstetrics

FB

737-890 Herz-, Thorax- und Gefäß-Chirurgie
Cardiovascular- and Thoracic Surgery

Inhaltsübersicht – Table of Contents

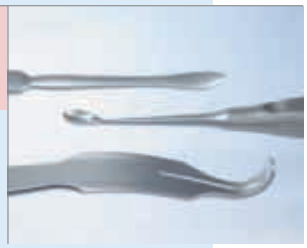
Seiten
Pages

FF

Knochenstanzen, Rongeure
Bone Punches, Rongeurs 891-914

FH

Amputation
Amputation 915-926

FK 

Knochenhebel, Elevatorien,
Raspatorien, Scharfe Löffel
Bone Levers, Periostal Elevators,
Bone Curettes 927-990

FL

Hämmer, Meißel
Mallets, Chisels and Gouges 991-1012

FO

Knochenhaltezangen, Hohlmeißelzangen,
Knochensplitterzangen
Bone Holding Forceps, Bone Rongeurs,
Bone Cutting Forceps 1013-1050

LX

Drahtextension, Handbohrapparate, Ahlen, Pfrieme
Wire Extension, Hand Drills, Awls 1051-1080

Seiten
Pages

Inhaltsübersicht – Table of Contents

LX

1081-1088 Gips-Instrumente
Plaster Instruments

GF

1089-1106 Sauginstrumente
Suction Instruments

JG

1107-1110 Nierenschalen, Laborschalen
Kidney Trays, Bowls

JG

1111-1116 Instrumentenpflege, Reinigungshinweise
Care and Maintenance of Instruments

A - Z
0 - 9

1117-1143 Alphabetischer Index
Alphabetical Index
1144-1169 Nummerischer Index
Numerical Index
1170-1196

AC/AD

Untersuchung-Diagnostik, Vorbereitung
Examination-Diagnostic, Preparation

Untersuchung – Diagnostik – Examination – Diagnostic

Reflexspiegel und Stirnbänder
Head Mirrors and Head Bands

ZIEGLER

AC402

Stirnspiegel allein, mit Gummifassung
Head mirror only, with rubber coating

ZIEGLER

OF090

Stirnspiegel allein, mit Metallfassung
Head mirror only, with metal coating

ZIEGLER

AC413

Stirnband aus Plastik, schwarz, allein
Head band of plastic, black, only

AC414

Stirnband aus Plastik, weiß, allein
Head band of plastic, white, only

MURPHY

AC415

Stirnband aus Celluloid, weiß, allein
Head band of celluloid, white, only

AC416

Stirnband aus Plastik, weiß,
allein, weiches Modell
Head band of plastic, white,
only, soft pattern

AC421

Stirnspiegel (AC402)
mit schwarzem Plastikband (AC413)
Head mirror (AC402)
with black plastic head band (AC413)

AC440

220 Volt
Transformator
220 volts
Transformater

CLAR 55

AC461

Stirnlampe, 6 Volt, mit verstellbarem Gelenk, weißem Stirnband aus Celluloid mit Schaumgummipolsterung und Kabel mit Zwischenstecker zum Trafo AC440
Head light, 6 volt, with adjustable joint, white celluloid head band, with foam rubber pad and cord with plugs for transformer AC440

AC462

Reflektor, allein, für Stirnlampe AC461
Mirror, only, for head light AC461

AC464

Ersatz-Schaumgummipolsterung für Stirnband AC454
Spare foam rubber pad, for head band AC454

AC463

Ersatzbirnchen
Spare bulb

Untersuchung – Diagnostik – Examination – Diagnostic

Zungenspatel
Tongue Depressors

OM202R

145 mm, 5 3/4"

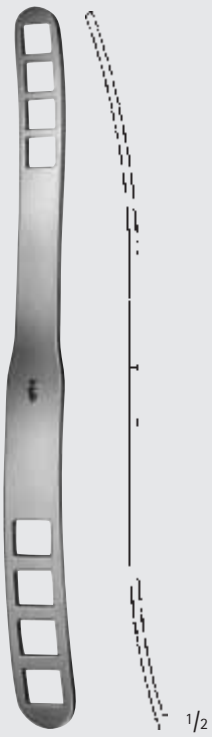
OM203R

140 mm, 5 1/2"

BUCHWALD

OM205R

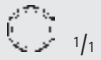
180 mm, 7"



BRUENINGS

OM208R

190 mm, 7 1/2"



OM078R/ AC468R
Fig. 000
Ø 6 mm
diam. 6 mm

OM079R/ AC469R
Fig. 00
Ø 8 mm
diam. 8 mm

OM080R/ AC470R
Fig. 0
Ø 10 mm
diam. 10 mm

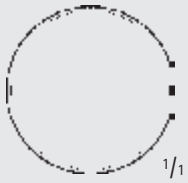
OM081R/ AC471R
Fig. 1
Ø 12 mm
diam. 12 mm

OM082R/ AC472R
Fig. 2
Ø 14 mm
diam. 14 mm

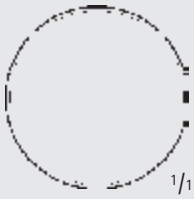
OM083R/ AC473R
Fig. 3
Ø 16 mm
diam. 16 mm

OM084R/ AC474R
Fig. 4
Ø 18 mm
diam. 18 mm

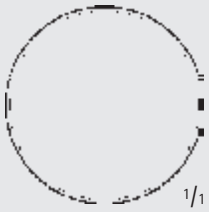
OM085R/ AC475R
Fig. 5
Ø 20 mm
diam. 20 mm



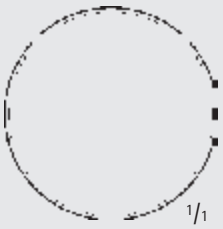
OM086R/ AC476R
Fig. 6
Ø 22 mm
diam. 22 mm



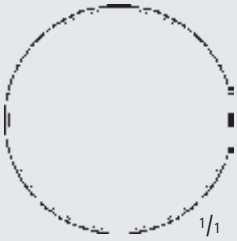
OM087R/ AC477R
Fig. 7
Ø 24 mm
diam. 24 mm



OM088R/ AC478R
Fig. 8
Ø 26 mm
diam. 26 mm



OM089R/ AC479R
Fig. 9
Ø 28 mm
diam. 28 mm



OM090R/ AC480R
Fig. 10
Ø 30 mm
diam. 30 mm

OM078R– OM090R
Kehlkopfspiegel
mit Sechskantgriff
Laryngeal mirrors
with hexagonal handle
180 mm,
7"

AC468R– AC480R
Kehlkopfspiegel
Laryngeal
mirrors
120 mm,
4 3/4"

AC481R
Spiegelgriff
Mirror
handle
110 mm,
4 3/8"

AC483C
Spiegelgriff
Mirror
handle
105 mm,
4 1/8"

AC497R
Ø 12 mm
diam.
12 mm

AC498R
Ø 14 mm
diam.
14 mm

MICHEL
AC497R/ AC498R
Rhinoskopiespiegel
Rhinoscopic mirrors
250 mm, 10"

Untersuchung – Diagnostik – Examination – Diagnostic

Stimmgabeln
Tuning Forks

1/2

HARTMANN

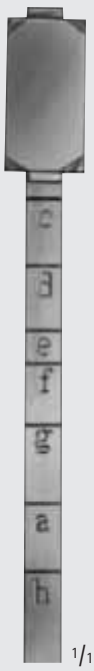
OF001N	= c 128
OF002N	= c^1 256
OF003N	= c^2 512
OF004N	= c^3 1024
OF005N	= c^4 2048
OF006N	= c^5 4096

1/2

OF010N	= a^1 440

Stimmgabeln für Neurologen
Tuning forks for neurologists

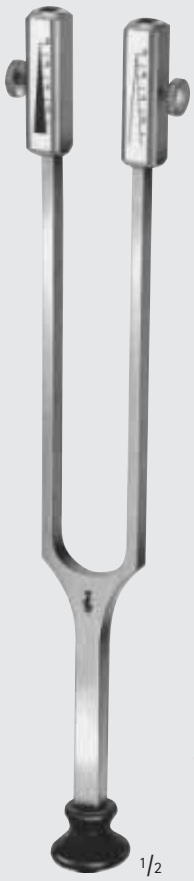
1/2



1/1

LUCAE

OF031N	= c 128

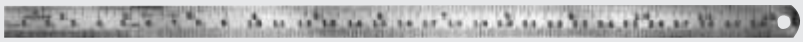


1/2

RYDEL-SEIFFER

OF033N

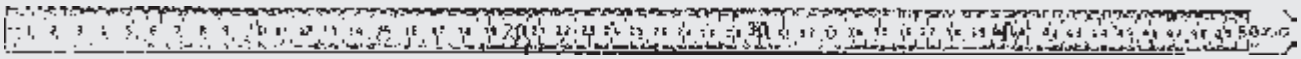
mit Dämpfer = c 64
ohne Dämpfer = c 128
with clamps = c 64
without clamps = c 128

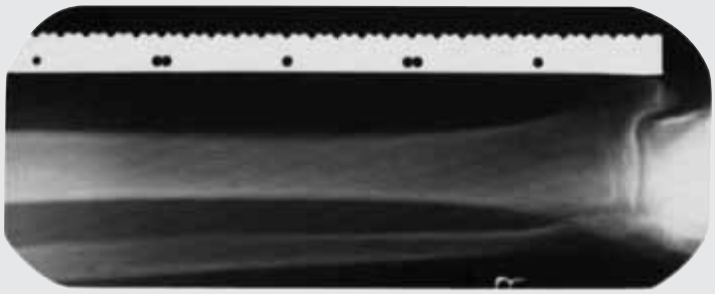


AA804R–AA806R

Stahlmaßstab, nichtrostend,
Millimeter- und Zolleinteilung
Steel ruler, stainless, graduated
in millimeters and inches

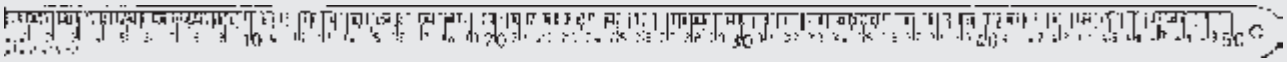
AA804R	AA805R	AA806R
150 mm	300 mm	500 mm
6"	12"	20"

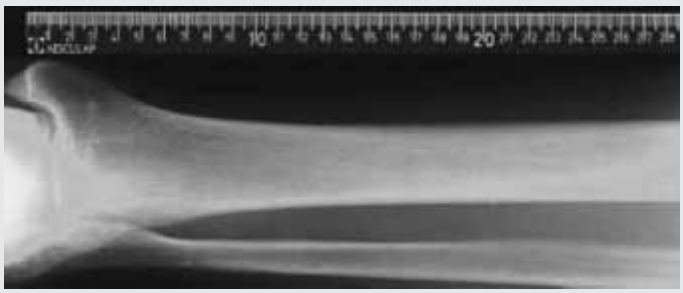




AA808R

Röntgen-Messstab für Messungen bei Frakturbehandlung.
Direkte Ablesemöglichkeit der Abmessungen.
Einteilung in 1/2 cm durch gut sichtbare Kerben an der Kante, die vollen cm sind durch tiefe Kerben ersichtlich. Um das Ablesen zu erleichtern, sind die 5 cm und 10 cm Abstände durch Löcher markiert.
Ruler for X-ray work in fracture treatment.
Direct reading. Graduation from half to half cm by distinct notches at the rim. Full cms are accentuate by deeper notches. Markings of 5 cm and decimeter distance by one and two holes respectively.
500 mm, 20"





AA809

Röntgen-Messstab aus Kunststoff, flexibel
im Autoklav sterilisierbar bei 143°C (3 bar).
Dieser Röntgen-Messstab hat den Vorteil, dass die Zahlen und die Millimetereinteilung im Röntgenbild gut sichtbar sind.
Plastic ruler, flexible, for X-ray work.
Can be sterilized in an autoclave at 143°C (3 bar).
Figures and mm-graduation transparent to X-ray.
500 mm, 20"

Hinweis:
Nicht zur Dampfsterilisation geeignet
Note:
Not suitable for steam sterilization

AA821C–AA822C

Stahlmaßband, Millimeter- und Zolleinteilung
Steel tape measure, graduated in millimeters and inches

AA821C	AA822C	AA826
1,5 m	2,0 m	1,5 m
60"	80"	60"

AA826

Maßband aus Wachstuch, Millimeter- und Zolleinteilung
Tape measure of oilcloth, graduated in millimeters and inches

Untersuchung – Diagnostik – Examination – Diagnostic

Instrumente zum Messen
Instruments for Measuring

1/2

AA845R

Spezial-Messschieber
für die Neurochirurgie
Special caliper
for neurosurgery
125 mm, 5"

1/3

AA846R

Messschieber,
Messbereich bis 150 mm
Caliper,
measuring range up to 150 mm
230 mm, 9"

1/2

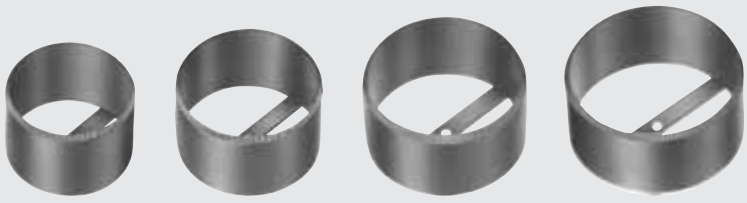
AA847R

Messschieber,
Messbereich bis 100 mm
Caliper,
measuring range up to 100 mm
130 mm, 5 1/8"

1/2

AD110R

Finger-Goniometer
Finger goniometer



AD123R
Ø 33 mm
diam. 33 mm

AD125R
Ø 38 mm
diam. 38 mm

AD127R
Ø 42 mm
diam. 42 mm

AD129R
Ø 48 mm
diam. 48 mm

AD123R–AD129R

Mamillenmarkierer, gezahnt
Mamilla marker, toothed

INCHES

1/2

BA244R

Rasierklingenmesser für auswechselbare Klingen, mit Sicherheitskamm

Razor for interchangeable blades, with safety clip

1/2

BA245R

Ersatzklingen

Bestelleinheit: **PAK** = Packung a 10 Stück

Spare blades

Sales unit: **PAK** = Package of 10 pieces

70 mm, 2 3/4"

Elektra® II

GH201–GH204

Die Wartung der AESCULAP Electra ® II ist problemlos. Der dauergefettete Elektromotor mit ruhigem Lauf benötigt keine Pflege, nur die Schneideköpfe sind regelmäßig zu ölen. Die Maschine ist schutzisoliert.

Elektrische Schermaschinen (ohne Schneideköpfe)

Maintenance for the AESCULAP Electra ® II is no problem at all. The permanently lubricated motor does not need any maintenance - only the cutterheads require periodic oiling. The clipper is double insulated.

Electric hair clippers (without cutterheads)

GH201	GH204
110–125 Volt	220 Volt
110–125 volts	220 volt

Zulassungen:

Registrations:

CE gemäß Richtlinie 89/336/EWG und 73/23/EW
conforming to directive 89/336/EEC and 73/23/EEC

GH700–GT784

Auswechselbare Schneideköpfe

Interchangeable cutterheads

	Schnitthöhe Height of clip		
GH700	1/20 mm		
GH703	1/10 mm		
GT730	1/2 mm		
GH712	1 mm		
GT736	1 mm	weite Zahnung	wide tooth
GT746	1,5 mm		
GT710	1,8 mm	feine Zahnung	fine tooth
GH715	2 mm	kurze Zähne	short teeth
GT742	2 mm	lange Zähne	long teeth
GT754	3 mm	kurze Zähne	short teeth
GT748	3 mm	lange Zähne	long teeth
GT758	5 mm		
GT770	7 mm		
GT779	9 mm		
GT782	12 mm		
GT784	16 mm		

Hinweis:

Die Schneideköpfe passen auch auf den seither gelieferten Maschinentyp Elektra I.

Note:

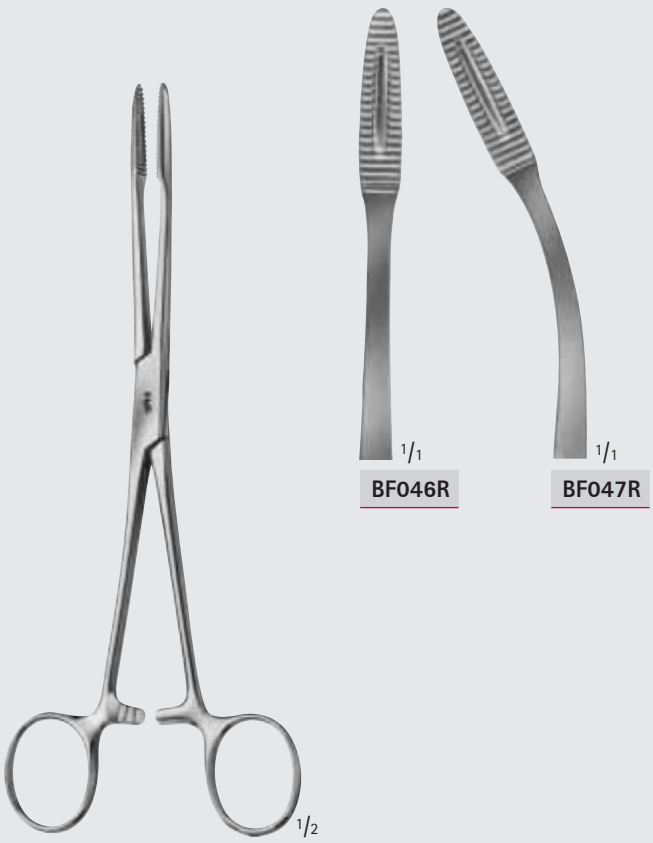
Cutterhead system - to be used interchangeably for Elektra II as well as for Elektra I clipper.

MILLIMETERS

Untersuchung – Diagnostik – Examination – Diagnostic

Vorbereitung
Preparation

weitere Waschzangen siehe Rubrik BF
further dressing forceps see section BF



BF046R

BF047R

GROSS

BF046R-BF047R

Waschzangen
Dressing forceps
200 mm, 8"

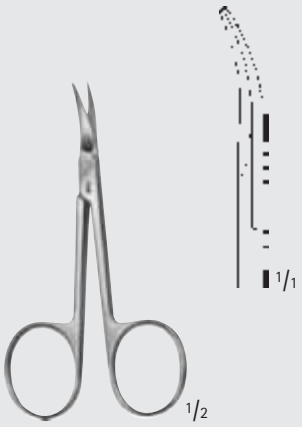
BF060R

BF061R

AESCULAP

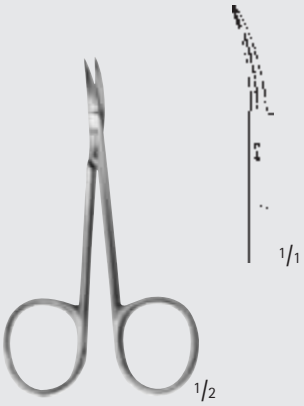
BF060R-BF061R

Waschzangen
Dressing forceps
220 mm, 8 3/4"



HF400R

Nagelschere
Nail scissors
90 mm, 3 1/2"

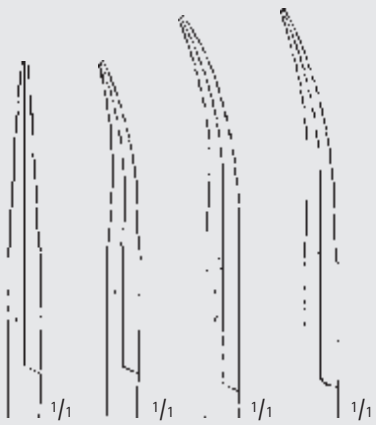


HF409R

Nagelschere
extra feines Modell
Nail scissors
especially delicate pattern
90 mm, 3 1/2"

HF032R

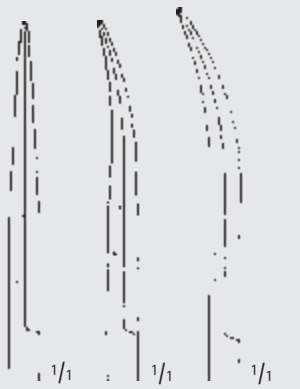
Baby-Nagelschere
Baby nail scissors
85 mm, 3 1/8"



HF014R	HF019R	HF020R	HF021R
90 mm	90 mm	100 mm	110 mm
3 1/2"	3 1/2"	4"	4 3/8"

HF014R–HF021R

Nagelscheren
Nail scissors



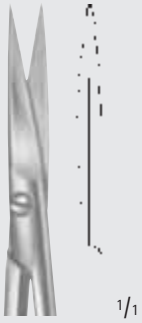
HF028R	HF030R	HF031R
95 mm	95 mm	105 mm
3 3/4"	3 3/4"	4 1/8"

HF028R–HF031R

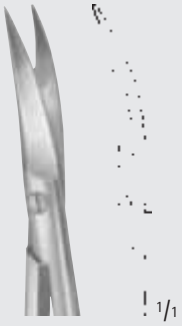
Nagelscheren
Nail scissors

Untersuchung – Diagnostik – Examination – Diagnostic

Vorbereitung
Preparation



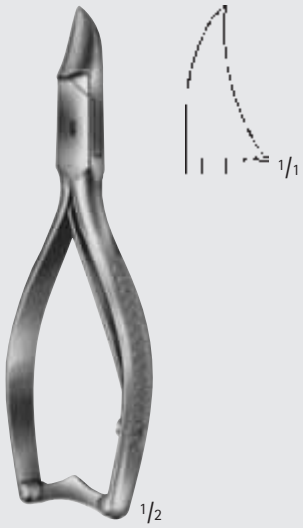
BC056R



BC057R

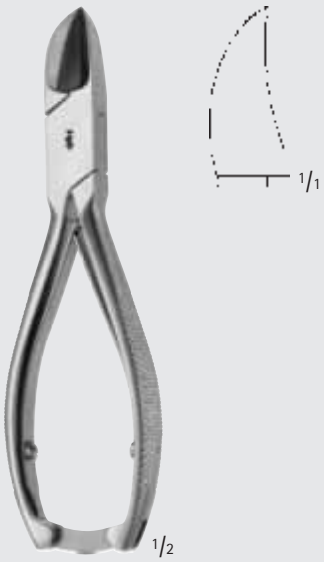
BC056R–BC057R

90 mm, 3 3/4"



HF213R

Nagelzange
Nail cutter
135 mm, 5 1/4"



HF234R

Nagelzange
Nail cutter
145 mm, 5 3/4"

HF250R

Nagelzange
Nail cutter
155 mm, 6"

1/2

HF520R

Nagelschere HF020R und Nagelfeile HF514R
mit 50 cm langer verchromter Kette HF519C
Nail scissors HF020R and nail file HF514R
with 50 cm (19 1/2"), chromium plated-chain HF519C

1/1

1/1

HF514R

Nagelfeile
Nail file
100 mm, 4"

1/1

HF566R

Nagelfeile
Nail file
150 mm, 6"

Untersuchung – Diagnostik – Examination – Diagnostic

Narkoseinstrumente
Instruments for Anaesthesia

Zungenspatel siehe Rubrik AC
Tongue depressors see section AC

1/2

OM010

Mundsperrer aus Holz
Mouth gag wooden
140 mm, 5 1/2"

1/1

SCHMID

OM015R

Mundsperrer stufenlos durch Gewinde zu verstellen, 1 Maulteil beweglich gelagert
Mouth gag, infinitely adjustable by thread, with 1 moveable part

1/2

HEISTER

OM030R

Mundsperrer
Mouth gag
130 mm, 5 1/8"

1/2

FERGUSSON-ACKLAND

OM044R

Mundsperrer
Mouth gag
145 mm, 5 3/4"

OM047R
Mundsperrer
Mouth gag
125 mm, 5"

ROSER-KÖNIG

OM048R
Mundsperrer
Mouth gag
160 mm, 6 1/4"

ROSER-KÖNIG

OM049R
Mundsperrer
Mouth gag
185 mm, 7 1/4"

MAGILL

AN379R–AN381R
Katheterein führungszangen
Catheter introducing forceps

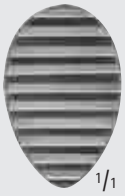
AN379R
für Kleinkinder
for infants
150 mm
6"

AN380R
für Kinder
for children
200 mm
8"

AN381R
für Erwachsene
for adults
250 mm
10"

Untersuchung – Diagnostik – Examination – Diagnostic

Zungenzangen
Tongue Forceps



AN706

1 Paar Ersatzgummi zu AN705R

1 pair of rubber pads for AN705R

YOUNG

AN705R

165 mm, 6 1/2"

AN709R

170 mm

6 3/4"

BH906R

160 mm

6 1/4"

COLLIN

AN709R-BH906R

HEYWOOD-SMITH

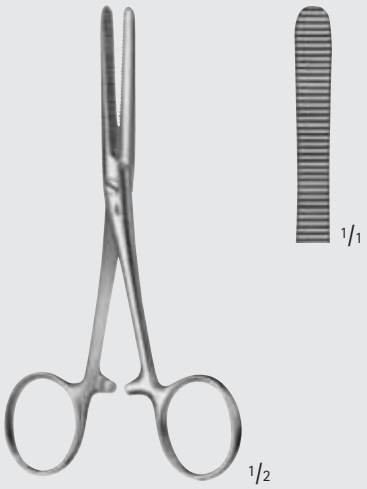
AN710R

200 mm, 8"

HEYWOOD-SMITH MODIF.

AN711R

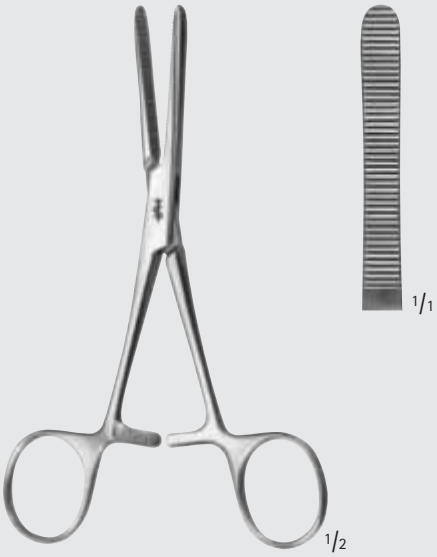
215 mm, 8 1/2"



PEAN

BH410R

Schlauchklemme
Tubing clamp forceps
125 mm, 5"



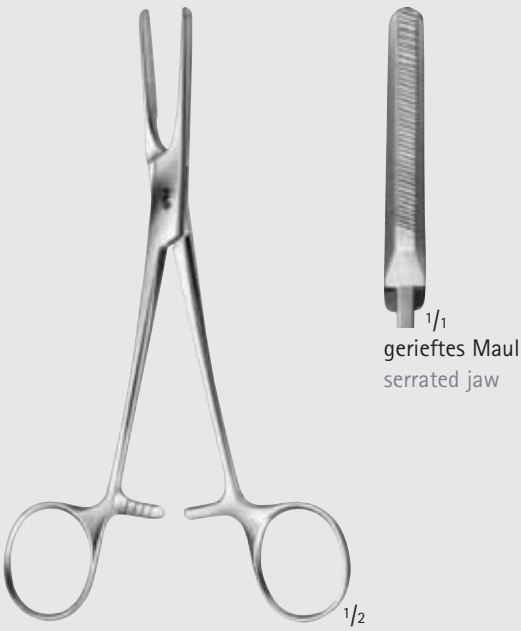
KLINIKUM BERLIN

AN908R

Schlauchklemme
starkes Modell, lange Sperre,
daher Durchlauf dosierbar
Tubing clamp
heavy pattern, long ratchet,
therefore passage adjustable
145 mm, 5 3/4"

AN909R

Schlauchklemme
sehr starkes Model
Tubing clamp forceps
especially heavy pattern
165 mm, 6 1/2"



AN910R

Schlauchklemme
sehr starkes Modell
Tubing clamp forceps
especially heavy pattern
165 mm, 6 1/2"

Untersuchung – Diagnostik – Examination – Diagnostic

Vorbereitung
Preparation

AN911R

Schlauchklemme
Tubing clamp
180 mm, 7"

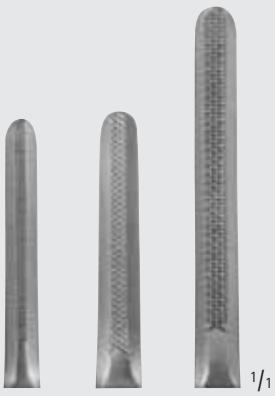
AN912R

Schlauchklemme
Tubing clamp
180 mm, 7"

kräftig gerieftes Maul
heavy wedge jaw

AN913R

Schlauchklemme
Tubing clamp
200 mm, 8"



MD452R	MD453R	MD454R
155 mm	185 mm	200 mm
6"	7 1/4"	8"

MD452R–MD454R

Schlauchklemmen
Tubing clamps

SAUERBRUCH

JG850R

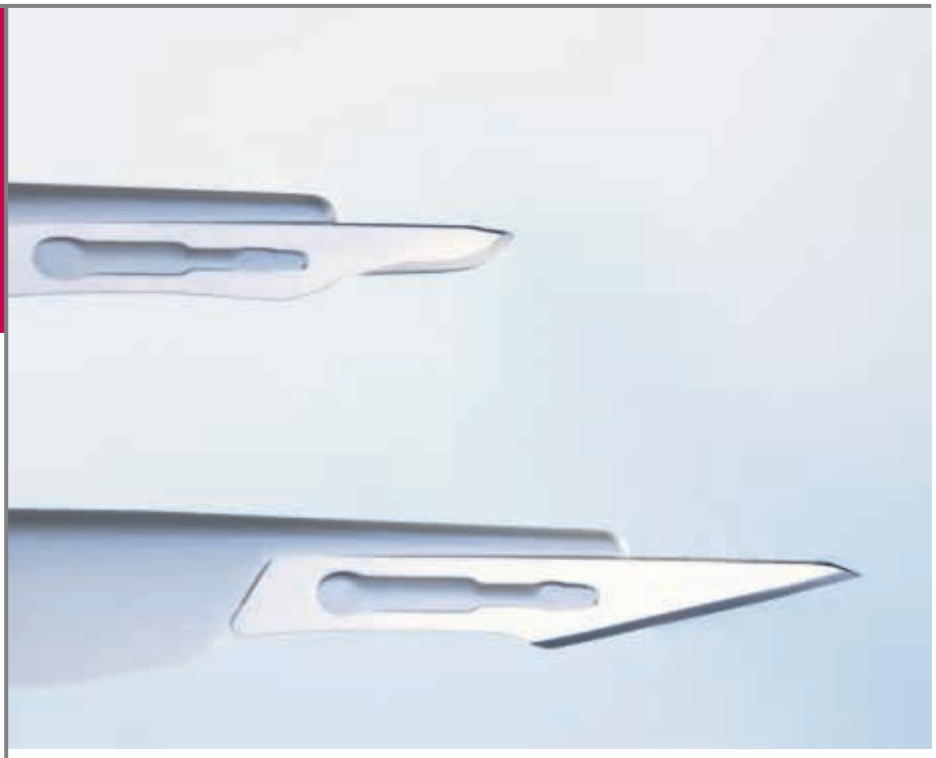
Fasszange für verbrauchtes Verbandmaterial und Tupfer

Operating Room
Pick-up forceps for used tampons and dressings

550 mm, 22"

INCHES
1
2
3
4
5
6
7
8

BA



Sterilskalpelle, Skalpelle, Messer
Sterile Scalpels, Scalpels, Knives

Sterilskalpelle – Sterile Scalpels

Sterilskalpelle mit Kunststoffheft und Klingenschutz

Sterile Scalpels with Plastic Handle and Blade Protector

Carbon Steel **BA210**
Stainless Steel **5518059**
Fig. 10

BA211
5518040
Fig. 11

BA212
5518105
Fig. 12

BA215
5518032
Fig. 15

BA215-1
Fig. 15

BA215-C
Fig. 15

BA218
Fig. 18

Carbon Steel **BA219**
Stainless Steel
Fig. 19

BA220
5518067
Fig. 20

BA221
5518075
Fig. 21

BA222
5518083
Fig. 22

BA223
5518016
Fig. 23

BA224
5518091
Fig. 24

BA210–BA224/5518016–5518105

Bestelleinheit:
PAK = Packung à 10 Stück

Sales unit:
PAK = Package of 10 pieces

Sterilskalpelle – Sterile Scalpels

Einmalskalpelle, Mikroskalpelle mit Plastikgriff

Scalpels for Single Use, Microsurgery Scalpels with Plastic Handle

Bestelleinheit:
PAK = Packung à 10 Stück
Sales unit:
PAK = Package of 10 pieces

Bestelleinheit:
PAK = Packung à 5 Stück
Sales unit:
PAK = Package of 5 pieces

BA311SU
Fig. 11
230 mm, 9"

BA323SU
Fig. 23
230 mm, 9"

BA364
165 mm, 6 1/2"

BA365
165 mm, 6 1/2"

BA367
165 mm, 6 1/2"

1/1

ECKHOFF

BA704R

Zeichenfeder, komplett
Mapping pen, complete
145 mm, 5 3/4"

1/1

Bestelleinheit:
PAK = Packung à 12 Stück
Sales unit:
PAK = Package of 12 pieces

BA705

Zeichenfeder, allein
zum Einmalgebrauch
Nib, only
for single use

AD099R

Metallgefäß für
Markierungsflüssigkeit
Metal ink pot

Sterilskalpelle – Sterile Scalpels

Skalpelle

Scalpels

1/1

BA401R | BA402R | BA403R | BA407R | BA408R | BA409R

BA401R–BA409R

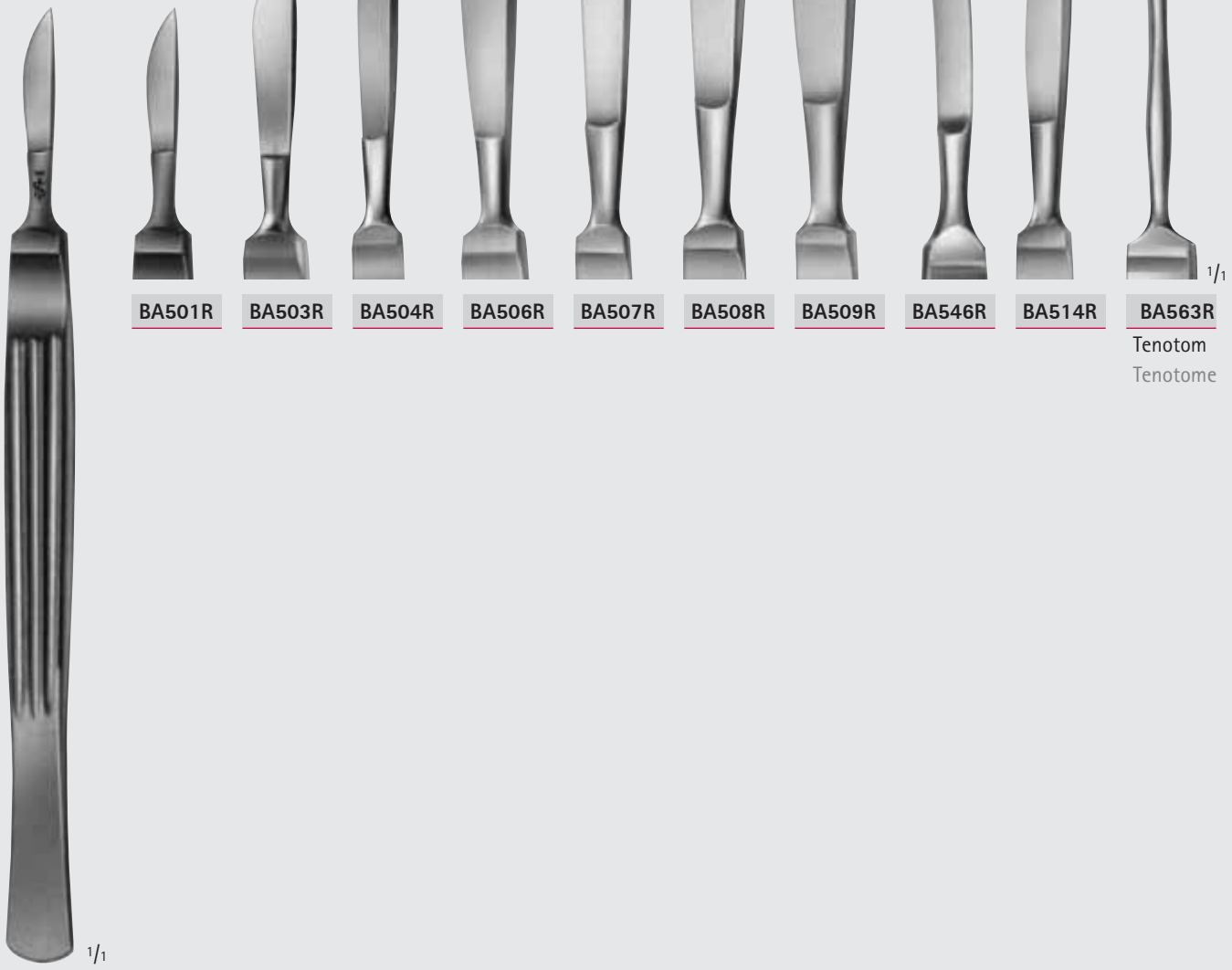
130 mm, 5 1/8"

1/1

BERGMANN

BA451R

140 mm, 5 1/2"



1/1

BA501R BA503R BA504R BA506R BA507R BA508R BA509R BA546R BA514R BA563R

Tenotom
Tenotome

1/1

BA501R–BA563R

140 - 175 mm, 5 1/2 - 7"

Sterilskalpelle – Sterile Scalpels

Amputationsmesser
Amputation Knives

doppelschneidig
double cutting

LISTON

FH100R–FH103R

Amputationsmesser
Amputation knives

	FH100R	FH101R	FH102R	FH103R
Schnittlänge:	130 mm	160 mm	190 mm	220 mm
Blade length:	5 1/8"	6 1/4"	7 1/2"	8 3/4"

doppelschneidig
double cutting

1/2

CATLIN

FH116R

Amputationsmesser
Amputation knife

Schnittlänge: 160 mm
Blade length: 6 1/4"

1/2

LANGENBECK

FH150R

Lappenmesser
Flap knife

Schnittlänge: 120 mm
Blade length: 6 1/4"

1/2

FH160R

Phalangenmesser
Phalangeal knife

Schnittlänge: 105 mm
Blade length: 4 1/8"

doppelschneidig
double cutting

1/2

FH166R

Zwischenknochenmesser
Interosseous knife

Schnittlänge: 110 mm
Blade length: 4 3/8"

1/2

FH170R

Beinhautmesser
mit Schaber
Periosteum knife
with raspatory

Schnittlänge: 65 mm
Blade length: 2 1/2"

1/2

1/1

FH191R **FH192R**

LANGENBECK

FH191R-FH192R

Resektionsmesser
Resection knives

Schnittlänge: 55 mm
Blade length: 2 1/8"

Sterilskalpelle – Sterile Scalpels

Fistelmesser

Fistula Knives

1/1

BA604R **BA605R** **BA606R**

SIMON

BA604R-BA606R

200 mm, 8"

1/1

1/1

ULRICH

BA611R

225 mm, 9"

OLIVECRONA

BA646R

Trigeminusmesser
Trigeminal knife
205 mm, 8"

BA641R

Trigeminusmesser
Trigeminal knife
230 mm, 9"

FOWLER

OM680R

Tonsillenmesser
Tonsil knife
200 mm, 8"

ABRAHAM

OM681R

Tonsillenmesser
Tonsil knife
215 mm, 8 1/2"

Sterilskalpelle – Sterile Scalpels

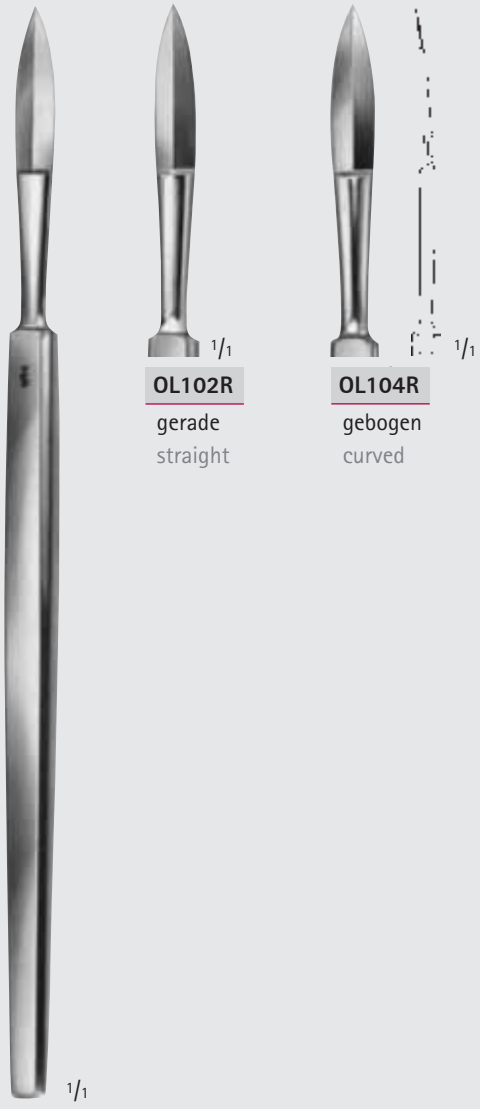
Skalpelle
Scalpels

Meniskusmesser siehe Rubrik FO
Meniskus knives see section FO

MASING

OL114R

Knorpelritzmesser,
in der Spitze gebogen
Cartilage slitting knife,
curved blade, pointed
130 mm, 5 1/8"



JOSEPH

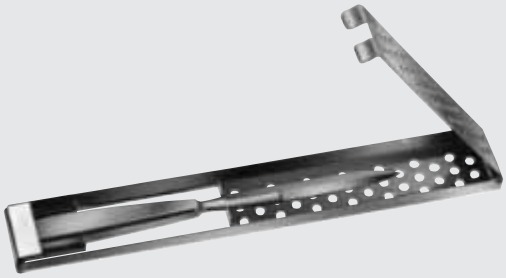
OL102R-OL104R

Plastikmesser

Double-edged nasal knives,
pointed
145 mm, 5 3/4"

OL102R
gerade
straight

OL104R
gebogen
curved



FH194R

Sterilisierrahmen für 1 Messer
mit Schnittlänge bis 140 mm
Sterilizing rack for 1 knife
with length of blade up to 140 mm
290 x 40 x 14 mm

FH197R

Sterilisierrahmen für 2 Messer
mit Schnittlängen bis 190 mm
Sterilizing rack for 2 knives
with length of blade up to 190 mm
335 x 65 x 14 mm

FH194R–FH197R

für Resektions- und Amputationsmesser
for Resection- and Amputation knives

1/1

KEYES

OL652R–OL657R

Hautstanzen
Dermal punches
100 mm, 4"

○ 1/1
OL652R
Ø 2 mm
diam. 2 mm

○ 1/1
OL653R
Ø 3 mm
diam. 3 mm

○ 1/1
OL654R
Ø 4 mm
diam. 4 mm

○ 1/1
OL656R
Ø 6 mm
diam. 6 mm

○ 1/1
OL657R
Ø 7 mm
diam. 7 mm

1/1

KEYES MODIF.

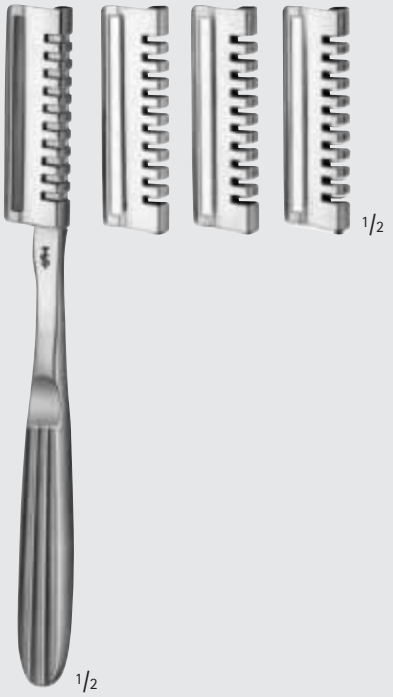
OL670R

Hautstanze, komplett,
mit 5 auswechselbaren Aufsätzen, Griff und Gestell
Dermal punch, complete
with 5 interchangeable tips, handle and rack

Sterilskalpelle – Sterile Scalpels

Handdermatome

Skin Grafting Knives



1/2

1/2

1/2

GOULIAN

BA710R

Dermatom mit 3 Schnitt-schablonen in den Stärken 0,20, 0,25 und 0,30 mm, kpl. mit 5 Klingen BA711R

Dermatome with 3 grafting templates 0.20, 0.25 and 0.30 mm thick, complete with 5 blades BA711R

180 mm, 7"

BA711R

Ersatzklingen, unsteril
Bestelleinheit:
PAK = Packung à 50 Stück

Spare blades, non sterile
Sales unit:
PAK = Package of 50 pieces

1/3

SCHINK

BA706R

Dermatom, einstellbar von 0,1 bis 2,0 mm, komplett, mit 1 auswechselbaren Klinge und 2 Spannplatten

Dermatome, adjustable from 0.1 to 2.0 mm, complete, with 1 interchangeable blade and 2 skin straightening plates

300 mm, 12"

BA708R

Ersatzklinge allein

Spare blade only

BA709R

Spannplatte allein

Skin straightening plate only

SILVER

BA715R
Dermatom, ohne Klingen
Skin graft knife, without blade
190 mm, 7 1/2"

BA716R
Ersatzklinge, unsteril
Bestelleinheit:
PAK = Packung à 5 Stück
Spare blade, non sterile
Sales unit:
PAK = Package of 5 pieces

WATSON

BA719R
Dermatom, ohne Klingen
Skin graft knife, without blade
300 mm, 12"

BA718R
Ersatzklinge, steril
Bestelleinheit:
PAK = Packung à 10 Stück
Spare blade, sterile
Sales unit:
PAK = Package of 10 pieces

COBBETT

BA717R
Dermatom, ohne Klingen
Skin graft knife, without blade
315 mm, 12"

BA718R
Ersatzklinge, steril
Bestelleinheit:
PAK = Packung à 10 Stück
Spare blade, sterile
Sales unit:
PAK = Package of 10 pieces

BRAITHWAITE

BA712R
Dermatom, ohne Klingen
Skin graft knife, without blade
315 mm, 12""

BA718R
Ersatzklinge, steril
Bestelleinheit:
PAK = Packung à 10 Stück
Spare blade, sterile
Sales unit:
PAK = Package of 10 pieces

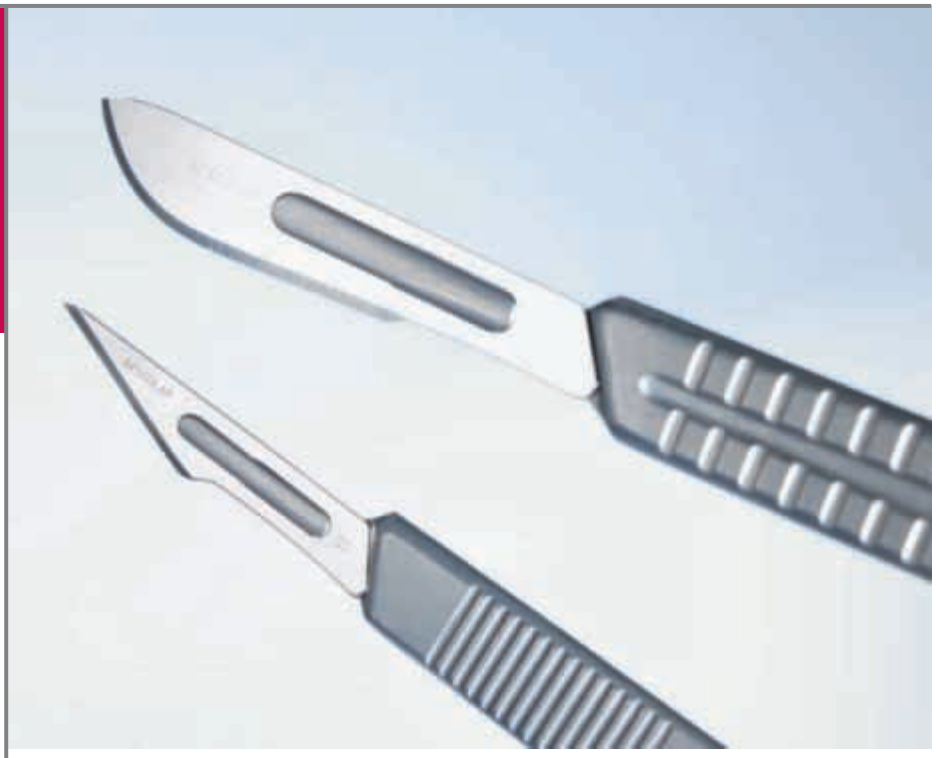
HUMBY

BA713R
Dermatom, ohne Klingen
Skin graft knife, without blades
365 mm, 13 3/4"

BA714R
Ersatzklinge, steril
Bestelleinheit:
PAK = Packung à 10 Stück
Spare blade, sterile
Sales unit:
PAK = Package of 10 pieces

INCHES

BB



Skalpellklingen und Griffe
Scalpel Blades and Handles

Skalpellklingen und Griffe – Scalpel Blades and Handles

Skalpellgriffe
Scalpel Handles

Für Klingen Fig. 10 - 15 und Fig. 40, 42
For blades fig.10 - 15 and fig. 40, 42

BARRON
BB068R
130 mm, 5 1/8"
1/1

BB073R
No. 3
125 mm, 5"
1/1

BB074R
No. 3
125 mm, 5"
1/1

BB075R
No. 3 L
210 mm, 8 1/4"
1/1

Für Klingen Fig. 10 - 15 und Fig. 40, 42
For blades fig.10 - 15 and fig. 40, 42

BB175R
No. 3 XL
250 mm, 10"

1/1

BB177R

BB176R
12°

BB178R
25°

BARRÉ

BB176R-BB178R
No. 3 XL
für linke Hand
for left hand
250 mm, 10"

1/1

entspricht der englischen No. 5
corresponds with english No. 5

BB077R
No. 7
160 mm, 6 1/4"

Skalpellklingen und Griffe – Scalpel Blades and Handles

Skalpellgriffe
Scalpel Handles

Für Klingen Fig. 10 - 15 und Fig. 40, 42
For blades fig. 10 - 15 and fig. 40, 42

BB078R
225 mm, 9"

BB079R
225 mm, 9"

BB071R
210 mm, 8 1/4"

BB070R
155 mm, 6"

BB063R
145 mm, 5 3/4"

Für Klingen Fig. 18 - 36
For blades fig. 18 - 36

1/1

BB084R
No. 4
135 mm, 5 1/4"

1/1

BB085R
No. 4 L
215 mm, 8 1/2"

2/3

BB087R
No. 4 XL
250 mm, 10"

BB080R
No. 4
225 mm, 9"

1/1

BB088R
No.8
130 mm, 5 1/8"

1/1

BB089R
145 mm, 5 3/4"

Skalpellklingen und Griffe – Scalpel Blades and Handles

Sterilklingen

Sterile Scalpel Blades

vakuum vergütet
heat-treated in vacuum

steril
sterile

1/1

Carbon Steel **BB510**
Stainless Steel **16600495**

1/1

BB511
16600509

1/1

BB512
16600517

1/1

BB513
16615492

1/1

BB515
16600525

1/1

Carbon Steel **BB515-1**

1/1

BB515-C

1/1

BB540
doppelschneidig
double cutting

1/1

BB542
doppelschneidig
double cutting

passend zu den Griffen auf Seite 38 - 40
Bestelleinheit:
PAK = Packung à 100 Stück
in Spenderpackung

fitting handles on page 38 - 40
Sales unit:
PAK = Package of 100 pieces
in dispenser package

Skalpellklingen und Griffe – Scalpel Blades and Handles

Sterilklingen, Fadenmesser

Sterile Scalpel Blades, Stitch-Cutter

1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1
Carbon Steel	**BB518**	**BB519**	**BB520**	**BB521**	**BB522**	**BB523**	**BB524**	**BB525**	**BB536**
Stainless Steel	**16600541**	**16615514**	**16600550**	**16600568**	**16600576**	**16600584**	**16600592**	**16616634**	**16615522**

passend zu den Griffen auf Seite 41
Bestelleinheit:
PAK = Packung à 100 Stück
in Spenderpackung

fitting handles on page 41
Sales unit:
PAK = Package of 100 pieces
in dispenser package

1/1

Carbon Steel	**BB500**
Stainless Steel	**16600487**

Fadenmesser
Stitch-cutter
Bestelleinheit:
PAK = Packung à 100 Stück
Sales unit:
PAK = Package of 100 pieces

Skalpellklingen und Griffe – Scalpel Blades and Handles

Skalpellgriffe, rund, für mikrochirurgische Klingen
Scalpel Handles, Round, for Microsurgery Blades

1/1

BB046R
135 mm, 5 1/2"

1/1

BB048R
155 mm, 6"

1/1

CASPAR

BB052R
180 mm, 7"

1/1

BB054R
200 mm, 8"

2/3

BB060R
330 mm, 12"

Skalpellklingen und Griffe – Scalpel Blades and Handles

Skalpellgriffe für mikrochirurgische Klingen - Mikrochirurgische Klingen

Scalpel Handles for Microsurgery Blades - Microsurgery Blades

LANDOLT

BB057R

Skalpellgriff, bajonettförmig, rund

Scalpel handle, bayonet-shaped, round

250 mm, 10"

LANDOLT

BB053R

Skalpellgriff, bajonettförmig, 4-Kant

Scalpel handle, bayonet-shaped, square shank

1/1 210 mm, 8 1/4"

BB331R

PAK = Packung à 10 Stück

PAK = Package of 10 pieces

BB332R

PAK = Packung à 10 Stück

PAK = Package of 10 pieces

BB361R

PAK = Packung à 10 Stück

PAK = Package of 10 pieces

BB362R

PAK = Packung à 10 Stück

PAK = Package of 10 pieces

BB363R

ST = Packung à 1 Stück

ST = Package of 1 piece

BB364R

PAK = Packung à 10 Stück

PAK = Package of 10 pieces

BB365R

PAK = Packung à 10 Stück

PAK = Package of 10 pieces

BB366R

ST = Packung à 1 Stück

ST = Package of 1 piece

BB367R

PAK = Packung à 10 Stück

PAK = Package of 10 pieces

BB368R

PAK = Packung à 10 Stück

PAK = Package of 10 pieces

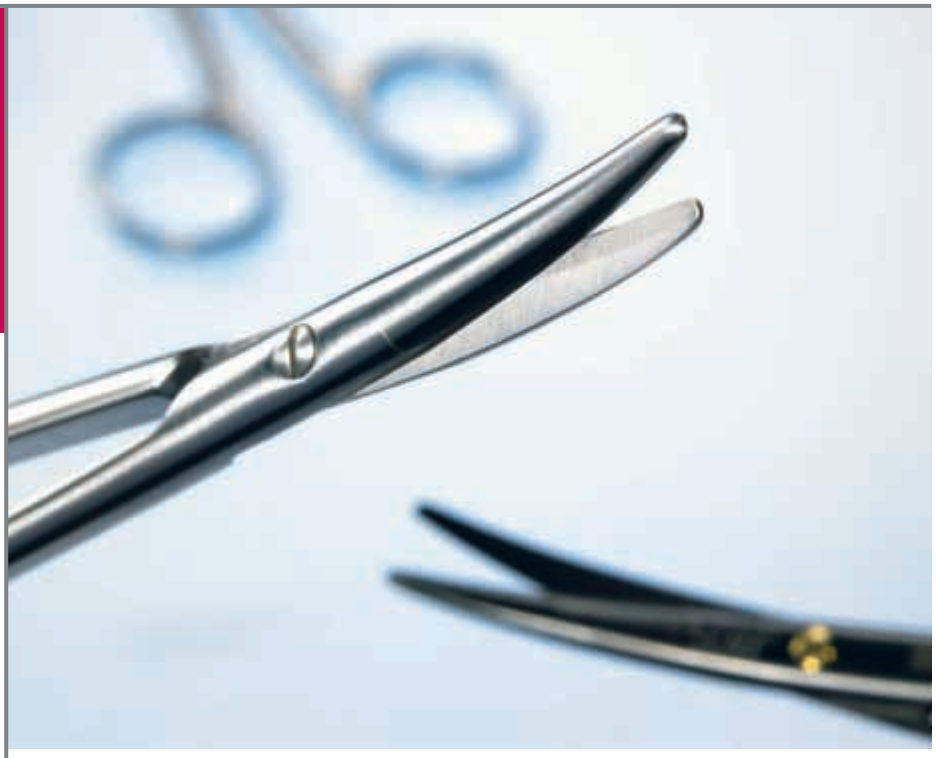
BB369R

ST = Packung à 1 Stück

ST = Package of 1 piece

INCHES

BC

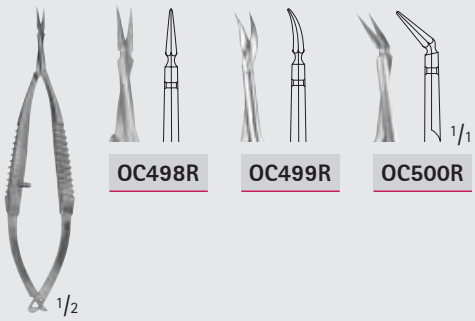


Scheren
Scissors

Scheren – Scissors

Mikro-Federscheren mit Flachgriff

Micro Scissors (Spring Type) with Flat Handles

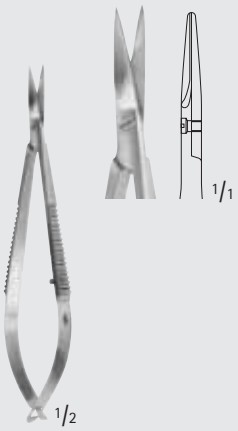


OC498R **OC499R** **OC500R**

VANNAS

OC498R-OC500R

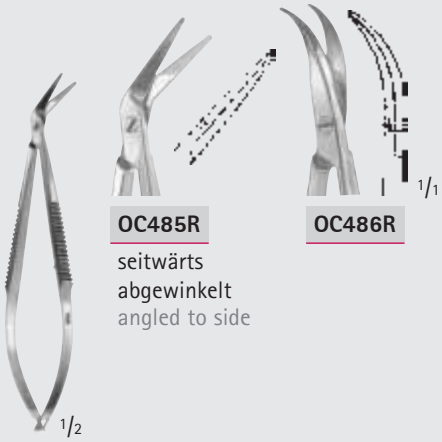
85 mm, 3 3/8"



MC CLURE

OC480R

95 mm, 3 3/4"



OC485R

seitwärts
abgewinkelt
angled to side

OC486R

CASTROVIEJO

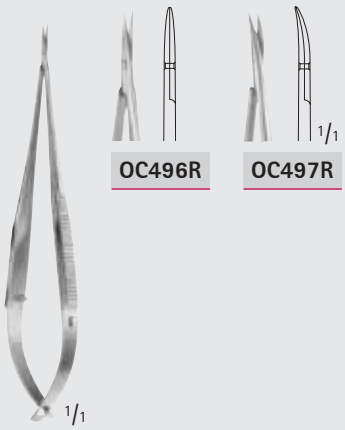
OC485R-OC486R

95 mm, 3 3/4"

NOYES

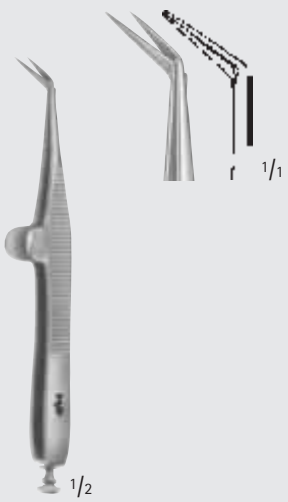
OC482R

125 mm, 5"



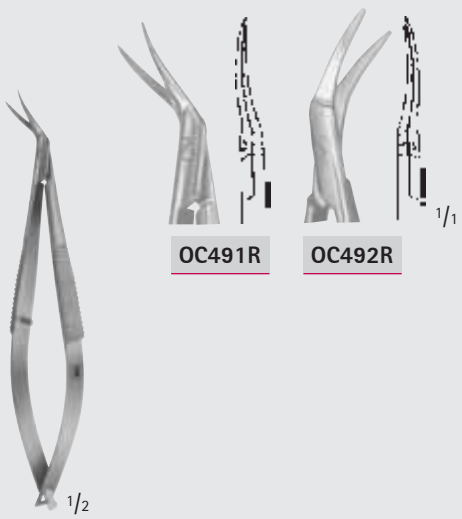
OC496R **OC497R**

OC496R-OC497R
105 mm, 4 1/8"



WECKER

OC461R
Augenschere
Eye scissors
110 mm, 4 1/2"



OC491R **OC492R**

CASTROVIEJO

OC491R-OC492R
Augenscheren
Eye scissors
110 mm, 4 3/8"

Scheren – Scissors

Mikro-Federscheren mit Flachgriffen und Karoprofil

Micro Scissors (Spring Type) with Flat Handles and Cross-Serration

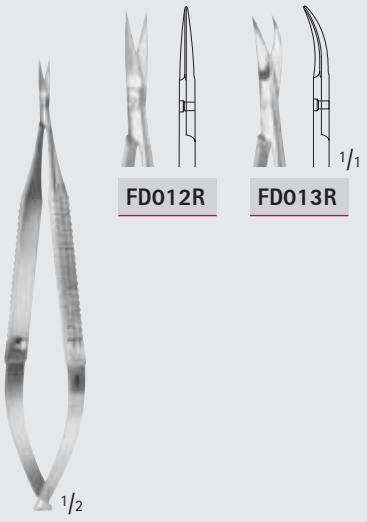
... mit Flachgriffen und Karoprofil

⌘breite Flachgriffe mit griffigem Karoprofil

⌘sichere Handhabung

... with flat handle and cross-serration

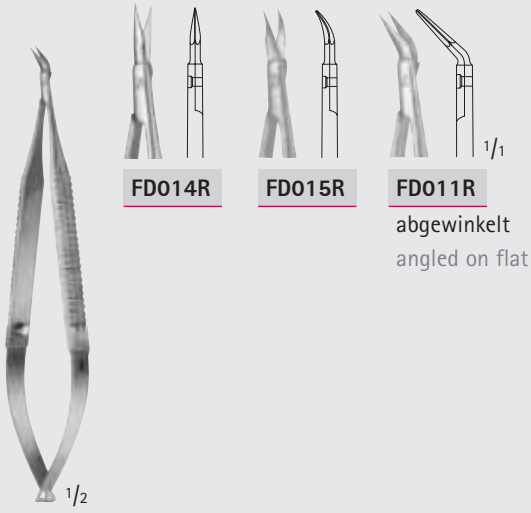
⌘flat handles, sure grip due to cross-serration



FD012R **FD013R**

FD012R-FD013R

120 mm, 4 3/4"



FD014R **FD015R** **FD011R**

abgewinkelt

angled on flat

VANNAS

FD011R-FD015R

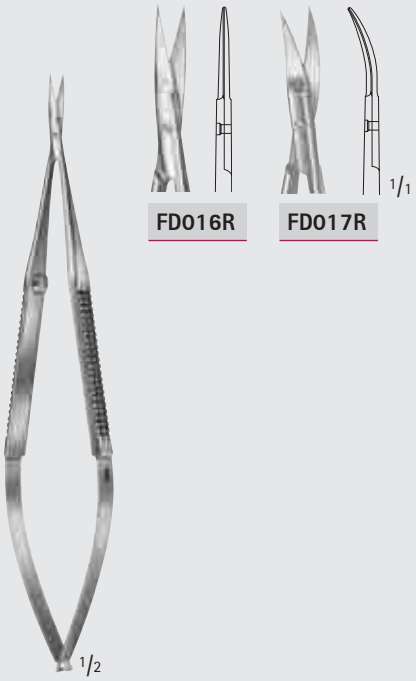
120 mm, 4 3/4"

Venenschere FD028R
zum Auffrischen von Gefäßstümpfen
⌘kein Abgleiten des Gefäßes
⌘glatte, saubere Durchtrennung
Vein scissors FD028R
for roughening vessel ends
⌘vessel cannot slip off
⌘clean, smooth cut

BIEMER

FD028R

Venenschere
Vein scissors
130 mm, 5 1/8"



FD016R **FD017R**

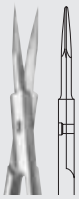
FD016R–FD017R

160 mm, 6 1/4"

Scheren – Scissors

Mikro-Federscheren mit Flachgriffen und Karoprofil

Micro Scissors (Spring Type) with Flat Handles and Cross-Serration



FD018R **FD019R**

VANNAS

FD018R–FD019R

160 mm, 6 1/4"

FD020R **FD021R**

MILLESI

FD020R–FD021R

Schneiden gezahnt

Blades serrrated

160 mm, 6 1/4"

YASARGIL JACOBSON

FD022R **FD023R**

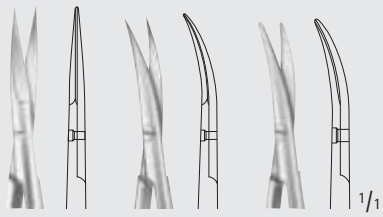
FD022R–FD023R

185 mm, 7 1/4"

... mit Rundgriffen
- Rundgriffe erlauben Drehbewegungen zwischen den Fingern.
- Optimale Balance, individuell je nach Instrument, durch volle oder gehöhlte Griffpartien.

... with round handles
- Round handles allow turning manipulations between the fingers.
- Optimum balance individually for each instrument due to solid or hollowed-out handles.

FD100R-FD103R
145 mm, 5 3/4"



FD100R **FD101R** **FD103R**

Mikro-Präparierschere
Micro dissecting scissors

Scheren – Scissors

Mikro-Federscheren mit leichtem Kunststoffprofil

Micro Scissors (Spring Type) with Light Plastic Handle

Das MÜLLER Mikro-Instrumentarium

Ein hochwertiges Set für die periphere Mikrochirurgie. Zahlreiche praxisbewährte Details führen zu mehr Effektivität und Sicherheit.

- **Unverkrampfte Haltung = mehr Feingefühl**
  Das leichte Kunststoffprofil vergrößert die Griffoberfläche, gewährleistet dadurch eine unverkrampfte Handhaltung und verleiht mehr Feingefühl.
- **Leichteres Drehen = erweiterter Arbeitsbereich**
  Der runde Griffquerschnitt ermöglicht leichtes, gleichmäßiges Drehen des Instrumentes. Verwendungs- bzw. Arbeitsbereich wird dadurch erweitert.
- **Sicherer Halt**
  Das griffige Noppenprofil gewährleistet einen durchweg sicheren Halt bei sämtlichen Bewegungsabläufen.
- **Optimales Handling**
  Eine Entwicklung nach ergonomischen Gesichtspunkten, verbunden mit dem geringen Gewicht der neuen Kunststoffgriffe schaffen die Voraussetzung zu ermüdungsfreiem Arbeiten und optimalem Handling.

The MÜLLER Micro instrument system

A top quality set for peripheral microsurgery. Numerous details tried and tested in practice mean increased efficiency and safety.

- **Natural holding position = increased sensitivity**
  The light plastic profile increases the grip surface, thus guaranteeing a natural hand position without cramping and providing enhanced sensitivity.
- **Easier rotation = extended working area**
  The round grip cross section permits easy and uniform rotation of the instrument. This extends the application and working areas.
- **Safe grip**
  The easy grip studded profile guarantees a secure hold for all movements.
- **Optimum handling**
  Development in accordance with ergonomic criteria and the low weight of the new plastic grips provide fatiguefreeworking and optimum handling.

1/2

FM010R
spitz/spitz
sharp/sharp

FM011R
spitz/spitz
sharp/sharp

FM012R
spitz/stumpf
sharp/blunt

FM013R
stumpf/stumpf
blunt/blunt

1/1
FM014R
Kugel/spitz
probe pointed/sharp

MÜLLER
FM010R–FM014R
120 mm, 4 3/4"

1/2

FM040R
spitz/spitz
sharp/sharp

1/1
FM041R
spitz/spitz
sharp/sharp

MÜLLER
FM040R–FM041R
170 mm, 6 3/4"

Scheren – Scissors

Mikro-Federscheren mit Flachgriff

Micro Scissors with Flat Handle

1/1

165 mm, 6 1/2"

	25°	45°	60°	90°	125°	gerade straight	aufgebogen curved on flat
Feines Blatt Fine blade	FM470R	FM471R	FM472R	FM473R	1/1 FM474R		
Feines Blatt, 1 Blatt mit Knopf Fine blade, with 1 probe pointed blade	FM451R	FM452R	FM453R	FM454R	1/1 FM455R		
Sehr feines Blatt Delicate blade	FM437R	FM438R	FM439R	FM440R	FM441R	FM442R	1/1 FM436R
Extrem feines Blatt Ultra delicate blade	FM431R	FM432R	FM433R	FM434R	FM435R	FM444R	1/1 FM430R

Scheren – Scissors

Mikro-Federscheren mit Rundgriff

Micro Scissors (Spring Type) with Round Handle

1/1

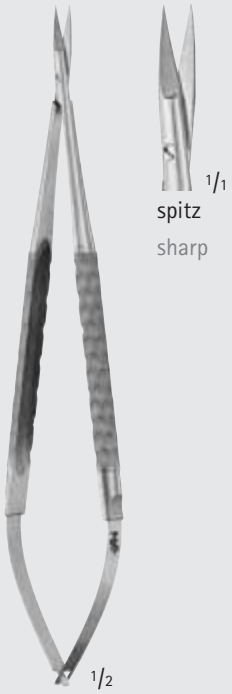
165 mm, 6 1/2"

	25°	45°	60°	90°	125°	gerade straight	aufgebogen curved on flat
Feines Blatt Fine blade	FM476R	FM477R	FM478R	FM479R	1/1 FM480R		
Sehr feines Blatt Delicate blade	FM482R	FM483R	FM484R	FM485R	FM486R	FM488R	1/1 FM481R
Sehr feines Blatt, 1 Blatt mit Knopf Delicate blade, with 1 probe pointed blade	FM489R	FM490R	FM491R	FM492R	1/1 FM493R		
Extrem feines Blatt Ultra delicate blade	FM504R	FM505R	FM506R	FM507R	FM508R		1/1 FM503R

Scheren – Scissors

Mikro-Federscheren mit Rundgriff

Micro Scissors (Spring Type) with Round Handles



1/1

spitz

sharp

1/2

FM042R

Mikro-Schere

Micro scissors

180 mm, 7"

1/1

spitz

sharp

1/2

FD251R

Mikro-Schere

Micro scissors

180 mm, 7"

1/1

1 Blatt mit Knopf

1 blade probe pointed

1/2

FM043R

Mikro-Schere

Micro scissors

180 mm, 7"

1/1

spitz/spitz,

1 Blatt gezahnt

sharp/sharp,

1 blade serrated

1/2

FD252R

Mikro-Fadenschere

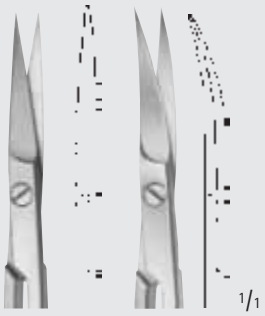
für Nahtmaterial von 6/0 und kleiner - 8/0 und kleiner

Micro ligature scissors

for suture material 6/0 and smaller - 8/0 and smaller

180 mm, 7"

1/2



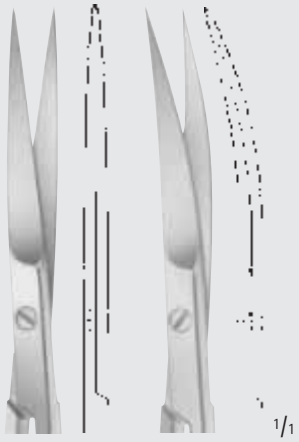
1/1

BC004R BC005R

BC004R-BC005R

115 mm, 4 1/2"

1/2



1/1

BC006R BC007R

JOSEPH

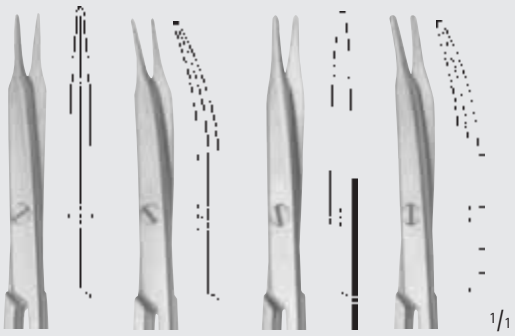
BC006R-BC007R

150 mm, 6"

Scheren – Scissors

Feine Scheren - große Ringform

Delicate Scissors - Large Ring Design



BC008R	BC009R	BC010R	BC011R
spitz	spitz	stumpf	stumpf
sharp	sharp	blunt	blunt

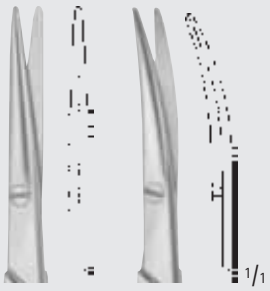
STEVENS

BC008R-BC011R

Präparierscheren

Dissecting scissors

115 mm, 4 1/2"



BC020R **BC021R**

BC020R-BC021R

Präparier- und Strabismusscheren

Dissecting- and strabismus scissors

115 mm, 4 1/2"

BC022R **BC023R**

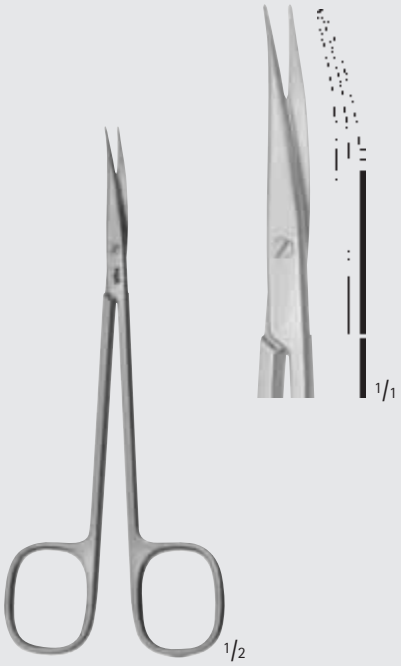
METZENBAUM

BC022R-BC023R

Präparierscheren

Dissecting scissors

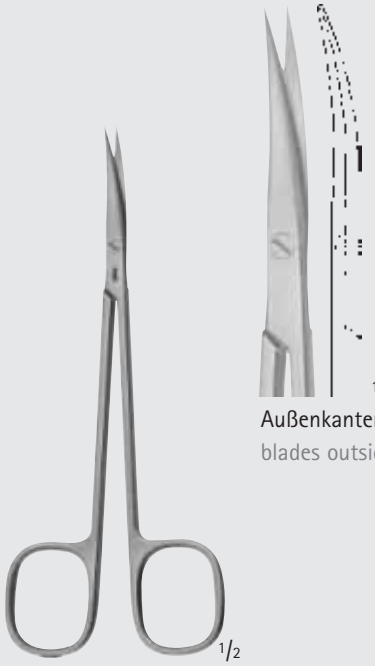
145 mm, 5 3/4"



REYNOLDS-JAMESON

BC015R

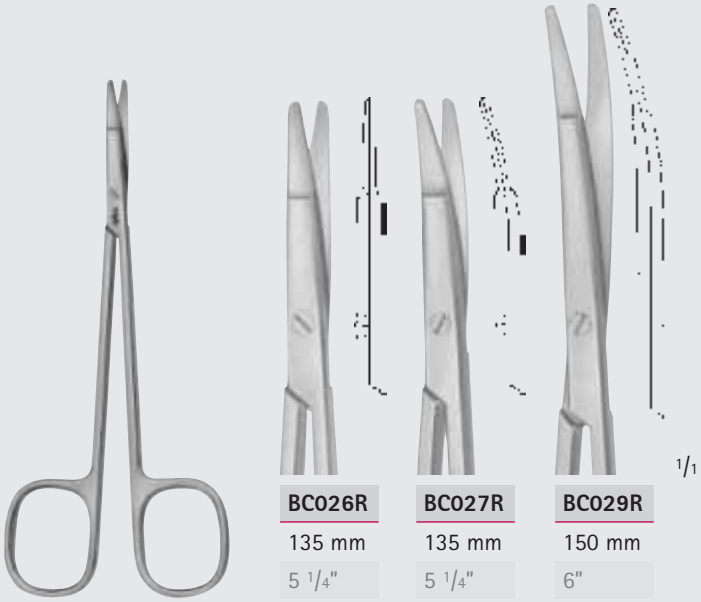
Gefäß-Schere
Vascular scissors
140 mm, 5 1/2"



BC017R

Nerv-Präparierschere
Nerve dissecting scissors
140 mm, 5 1/2"

Außenkanten der Blätter halbscharf
blades outside semi-sharp



RAGNELL

BC026R-BC029R

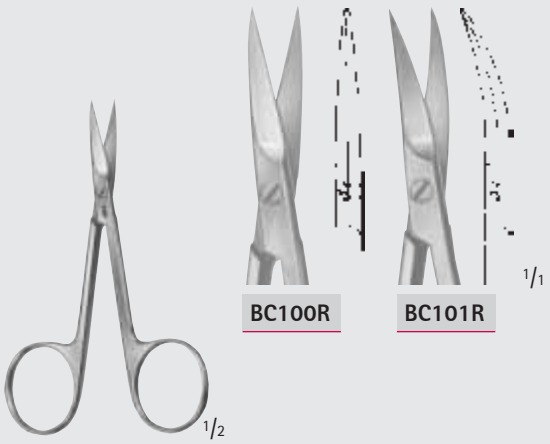
Besonders flache Spitzen zum Präparieren und Unterminieren der Haut
Special flat points for dissecting and undermining the skin

BC026R	BC027R	BC029R
135 mm	135 mm	150 mm
5 1/4"	5 1/4"	6"

Scheren – Scissors

Feine Scheren

Delicate Scissors



BC100R | BC101R

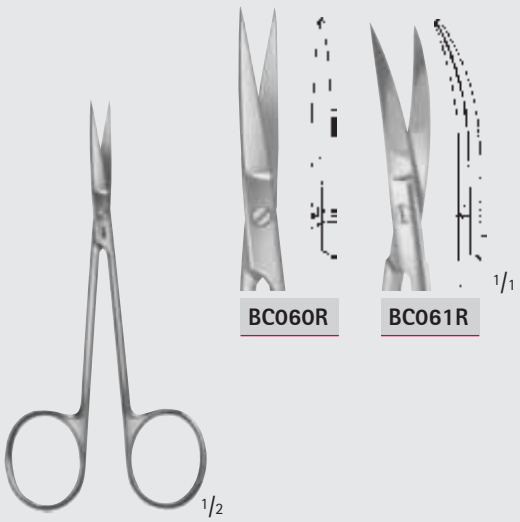
BC100R–BC101R

90 mm, 3 1/2"

BC056R | BC057R

BC056R–BC057R

90 mm, 3 3/4"



BC060R | BC061R

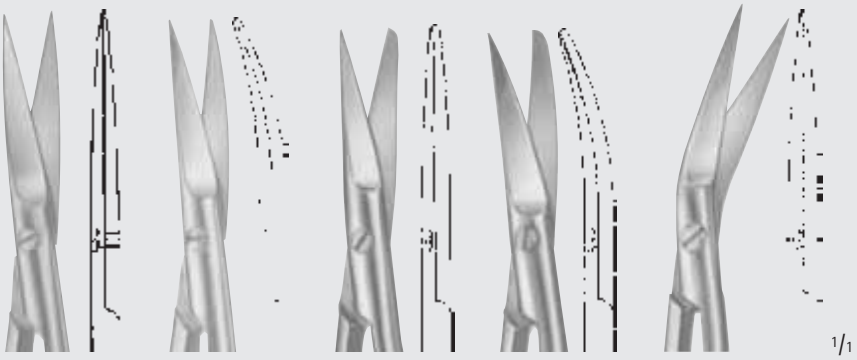
BC060R–BC061R

105 mm, 4 1/8"

BC064R | BC065R

BC064R–BC065R

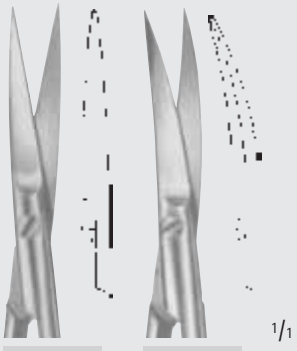
120 mm, 4 3/4"



BC110R | BC111R | BC112R | BC113R | BC117R

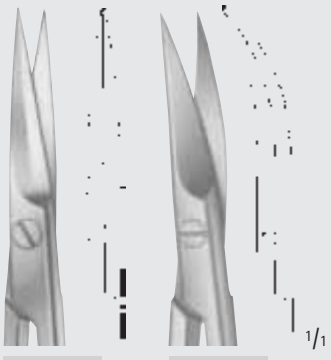
seitwärts gebogen
curved to side

BC110R–BC117R
110 mm, 4 3/8"



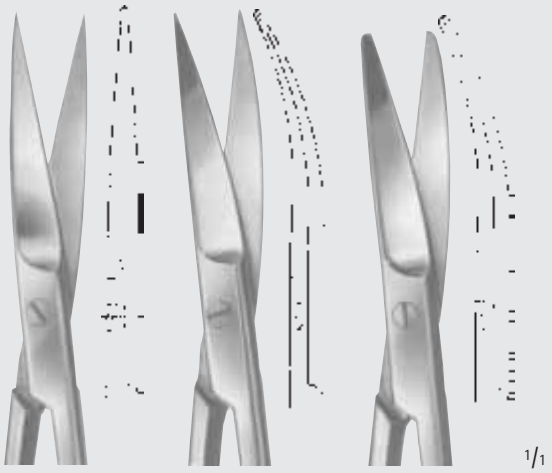
BC106R | BC107R

BC106R–BC107R
115 mm, 4 1/2"



DO210R | DO211R

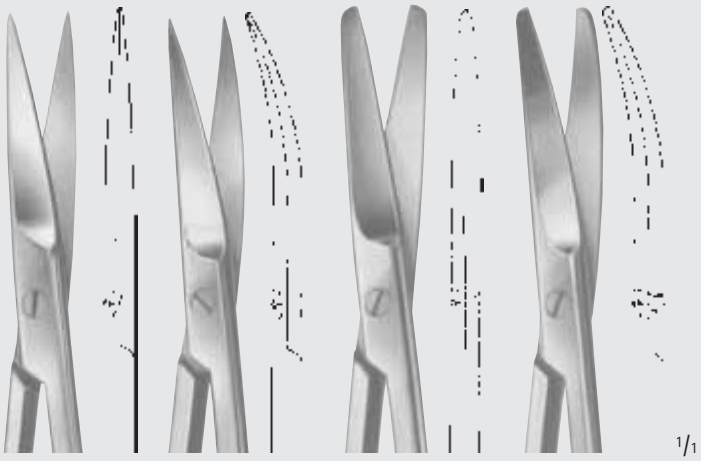
DO210R–DO211R
120 mm, 4 3/4"



BC130R BC131R BC135R

BC130R–BC135R

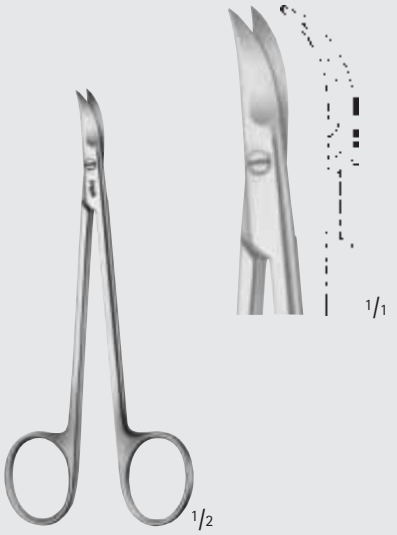
120 mm, 4 3/4"



BC140R BC141R BC144R BC145R

BC140R–BC145R

130 mm, 5 1/8"



CHADWICK

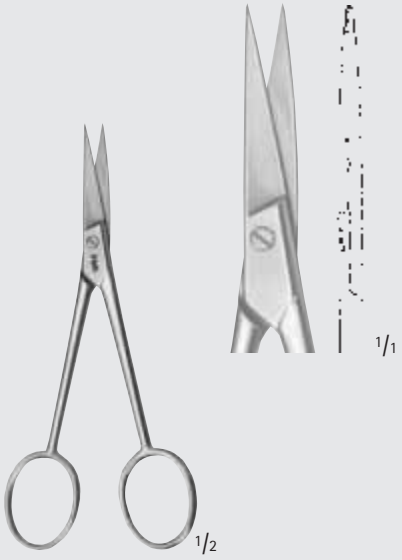
BC153R

115 mm, 4 1/2"

QUINBY

DO218R

130 mm, 5 1/8"



BC050R

110 mm, 4 3/8"

Scheren – Scissors

Feine Scheren
Delicate Scissors

1/1

seitwärts gebogen
curved to side

1/2

PERWITZSCHKY

OM489R

Speichelgangschere
Salival scissors
100 mm, 4 1/2"

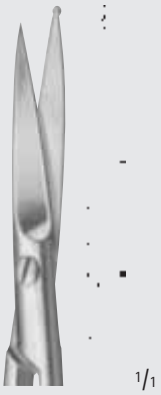
1/1

seitwärts abgewinkelt
angled to side

1/2

BC033R

115 mm, 4 1/2"



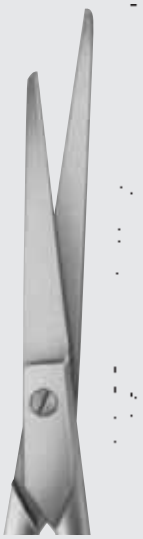
1/1

1 Blatt mit Knopf
with 1 probe pointed blade

1/2

BC030R

120 mm, 4 3/4"



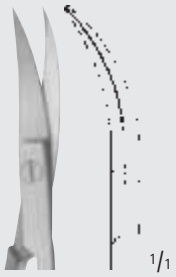
1/1

1 Blatt mit Sondenspitze
with 1 probe pointed blade

1/2

BC034R

145 mm, 5 3/4"

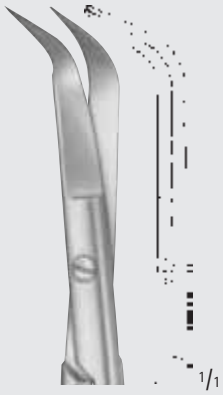


1 Schneide gezahnt
1 blade serrated

LA GRANGE

BC154R

110 mm, 4 3/8"



abgewinkelt,
1 Schneide gezahnt
angled on flat,
1 blade serrated

DO252R

125 mm, 5"

1 Schneide fein gezahnt
1 blade fine serrated

DO251R

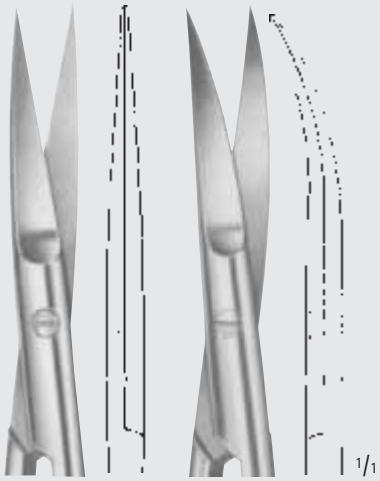
130 mm, 5 1/8"

seitwärts abgewinkelt,
1 Schneide gezahnt
angled to side,
1 blade serrated

LOCKLIN

DO219R

155 mm, 6"

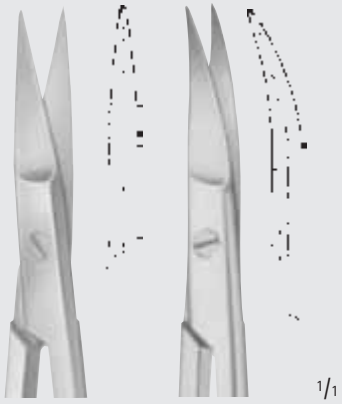


BC156R BC157R

JOSEPH

BC156R–BC157R

150 mm, 6"

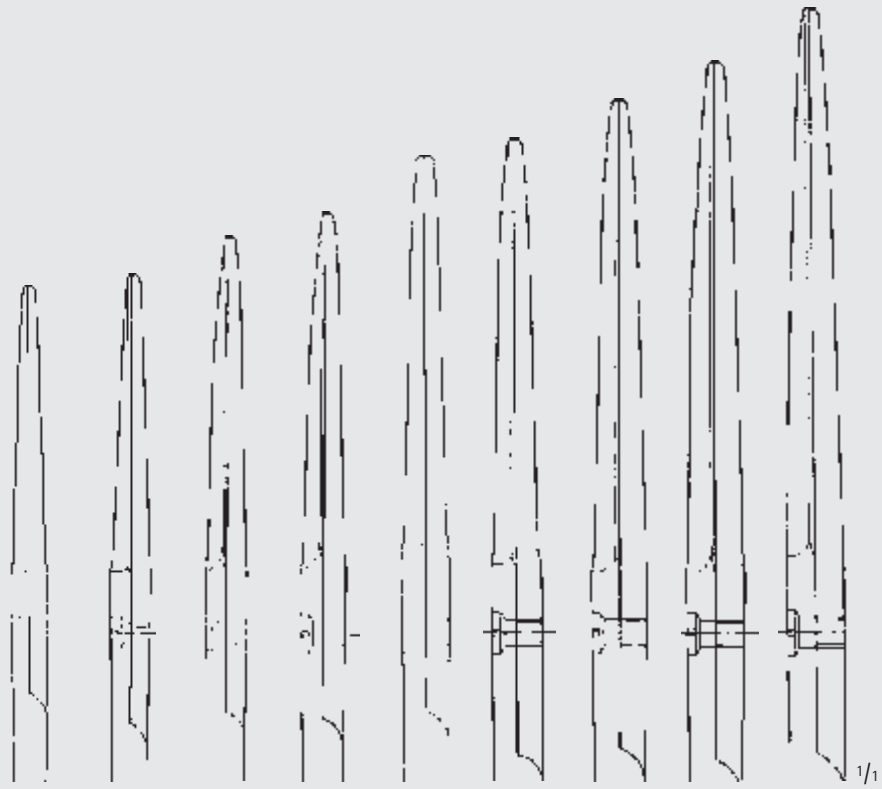


BC160R BC161R

KELLY

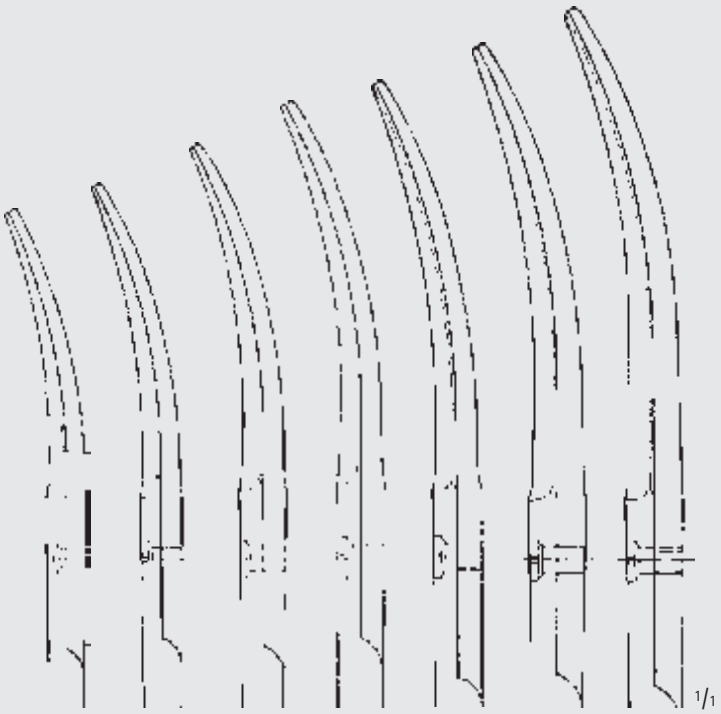
BC160R–BC161R

175 mm, 7"



BC320R–BC330R
Standard-Modelle
Standard patterns

BC320R	BC321R	BC323R	BC324R	BC325R	BC326R	BC327R	BC328R	BC330R
105 mm	115 mm	130 mm	145 mm	150 mm	165 mm	175 mm	185 mm	200 mm
4 1/8"	4 1/2"	5 1/8"	5 3/4"	6"	6 1/2"	7"	7 1/4"	8"



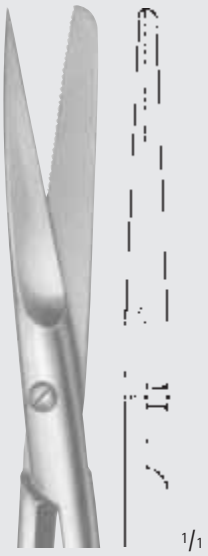
BC421R–BC428R
Standard-Modelle
Standard patterns

BC421R	BC423R	BC424R	BC425R	BC426R	BC427R	BC428R
115 mm	130 mm	145 mm	150 mm	165 mm	175 mm	185 mm
4 1/2"	5 1/8"	5 3/4"	6"	6 1/2"	7"	7 1/4"

Scheren – Scissors
Chirurgische Scheren
Surgical Scissors

BC303R	BC304R
130 mm	145 mm
5 1/8"	5 3/4"

BC303R–BC304R
schlanke Modelle
slender patterns



1 Blatt gezahnt
1 blade serrated

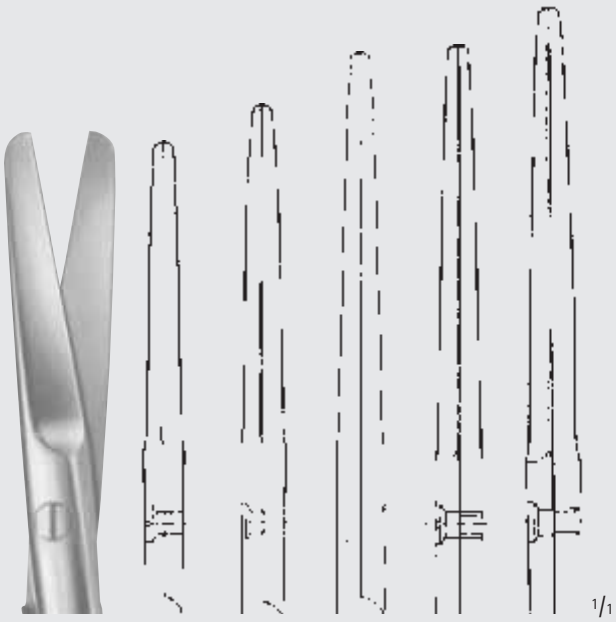
BC496R
Wundrandschere
Scissors for wound edges
130 mm, 5 1/8"

BC403R	BC404R
130 mm	145 mm
5 1/8"	5 3/4"

BC403R–BC404R
schlanke Modelle
slender patterns

1 Blatt gezahnt
1 blade serrated

BC497R
Wundrandschere
Scissors for wound edges
130 mm, 5 1/8"

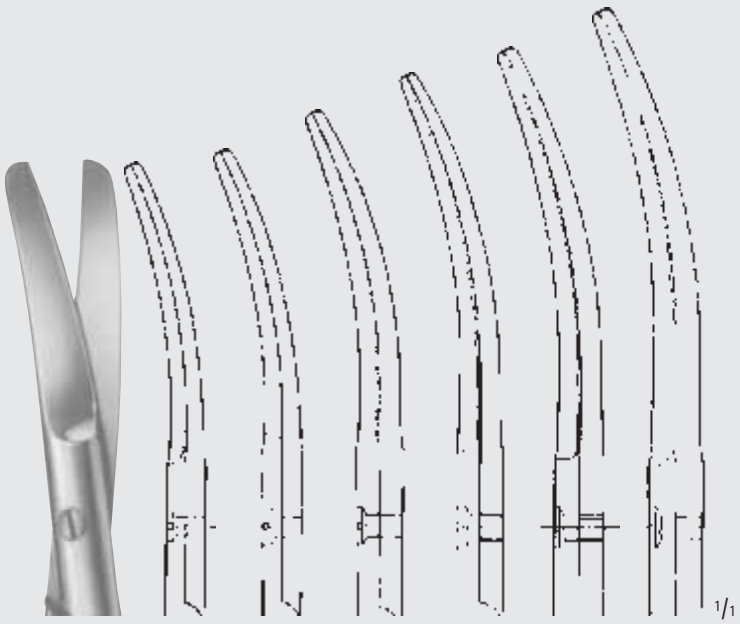


1/1

BC313R	BC314R	BC315R	BC316R	BC317R
130 mm	145 mm	150 mm	165 mm	175 mm
5 1/8"	5 3/4"	6"	6 1/2"	7"

BC313R–BC317R

Standard-Modelle
Standard patterns



1/1

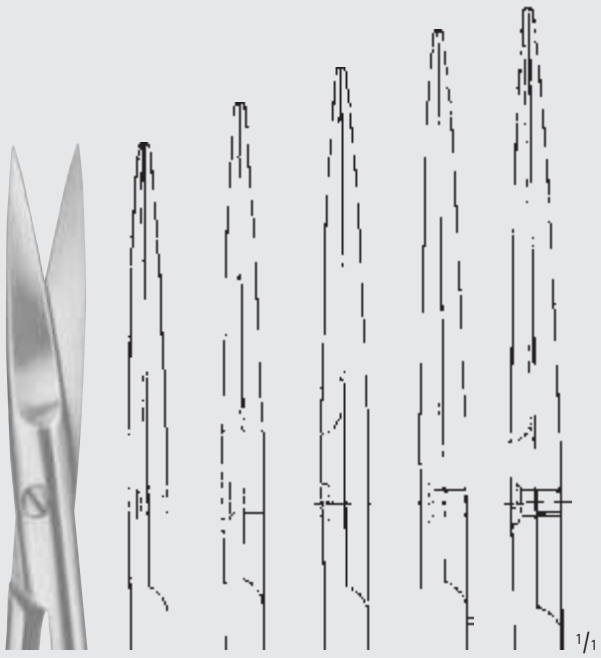
BC411R	BC413R	BC414R	BC415R	BC416R	BC417R
115 mm	130 mm	145 mm	150 mm	165 mm	175 mm
4 1/2"	5 1/8"	5 3/4"	6"	6 1/2"	7"

COOPER

BC411R–BC417R

Standard-Modelle
Standard patterns

Scheren – Scissors
Chirurgische Scheren
Surgical Scissors

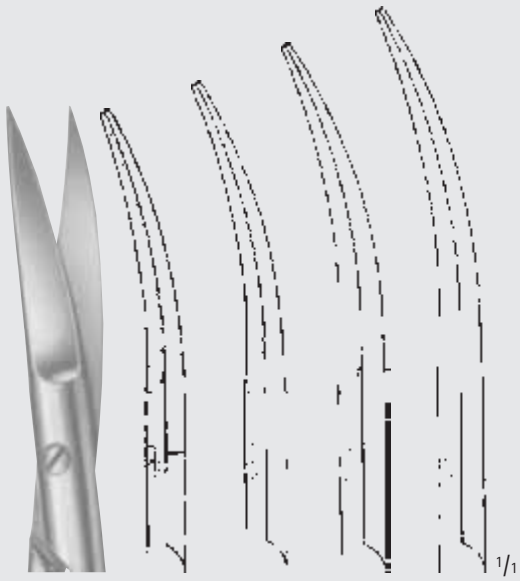


BC341R	BC343R	BC344R	BC345R	BC346R
115 mm	130 mm	145 mm	150 mm	165 mm
4 1/2"	5 1/8"	5 3/4"	6"	6 1/2"

BC341R–BC346R

Standard-Modelle

Standard patterns



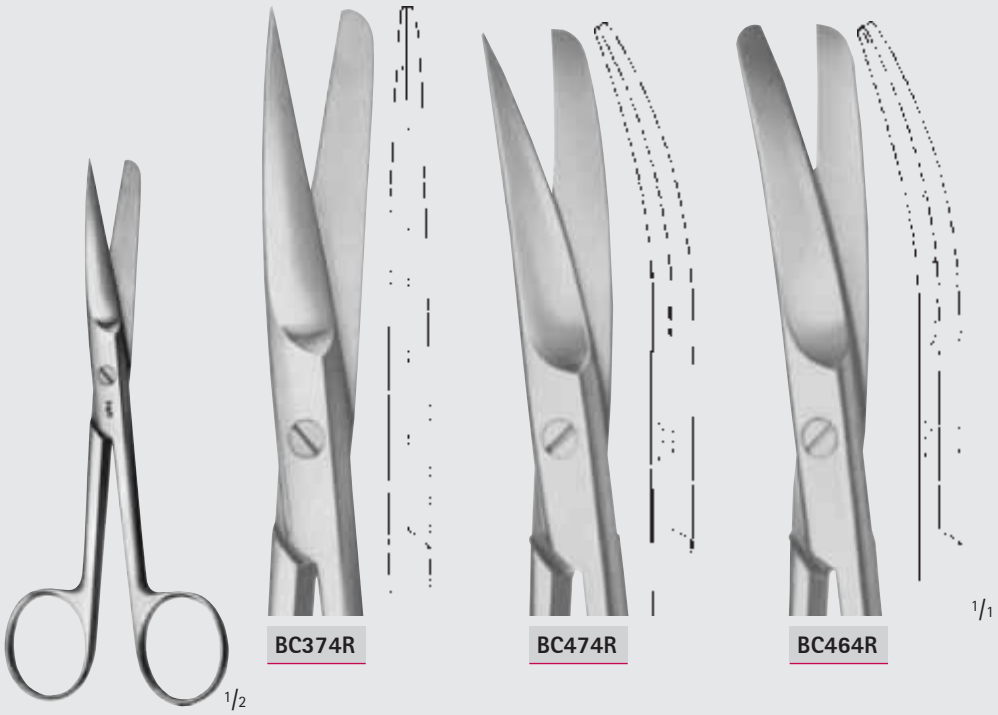
BC441R	BC443R	BC444R	BC445R
115 mm	130 mm	145 mm	150 mm
4 1/2"	5 1/8"	5 3/4"	6"

BC441R–BC445R

Standard-Modelle

Standard patterns

INCHES



BC374R | BC474R | BC464R

DEAVER

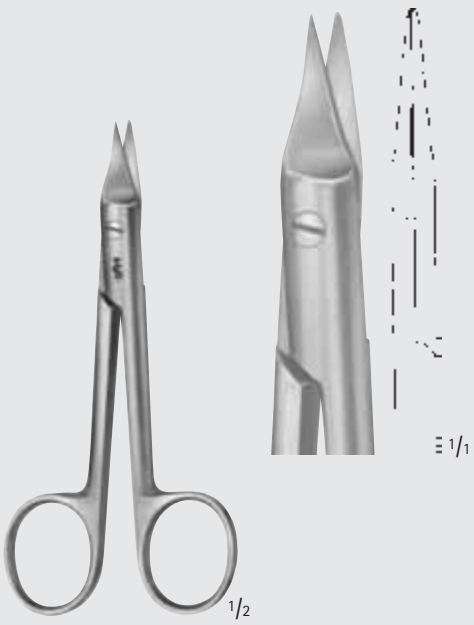
BC374R–BC474R

Chirurgische Scheren mit Flachschluss
Surgical scissors with flat lock
145 mm, 5 3/4"

BC503R	BC504R	BC506R
130 mm	145 mm	165 mm
5 1/8"	5 3/4"	6 1/2"

BC503R–BC506R

Inzisions-Scheren
Incision scissors



SYSTRUNK

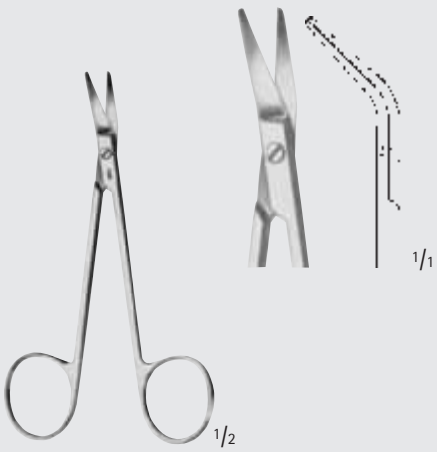
BC521R

Nagelspaltschere
Nail splitting scissors
130 mm, 5 1/8"

Scheren – Scissors

Präparierscheren, feine Modelle

Dissecting Scissors, Delicate Patterns



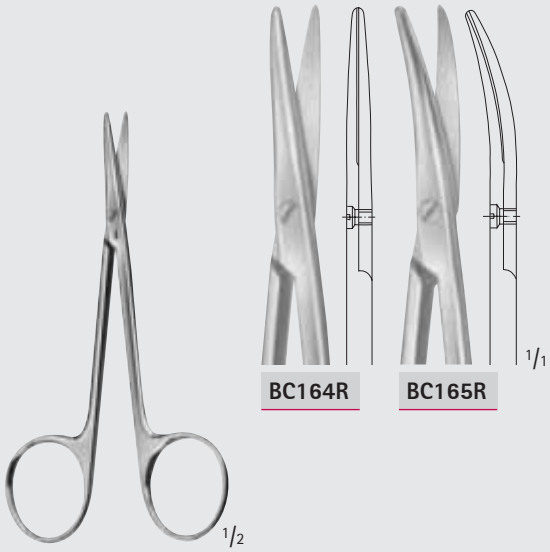
GRAEFE

OC415R

Präparierschere

Dissecting scissors

100 mm, 4"

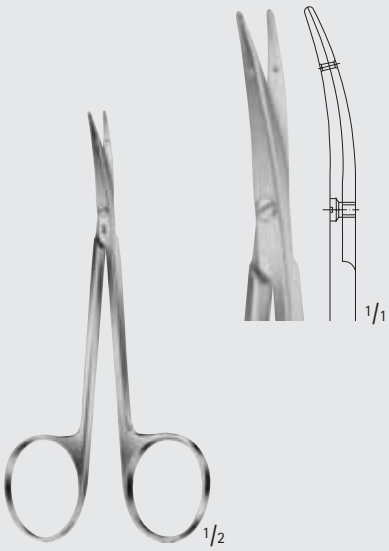


BC164R–BC165R

Präparierscheren

Dissecting Scissors

115 mm, 4 1/2"



LITTLER

BC163R

Präparierschere
mit Fadenbohrung in der Spitze

Dissecting scissors,
tips with eye for suture

115 mm, 4 1/2"

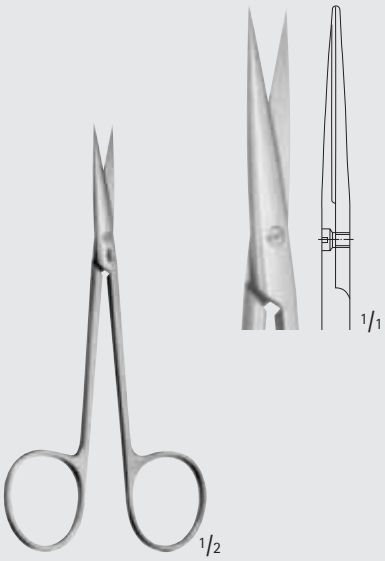
COTTLE

OK374R

Bulldog-Schere

Bulldog scissors

115 mm, 4 1/2"



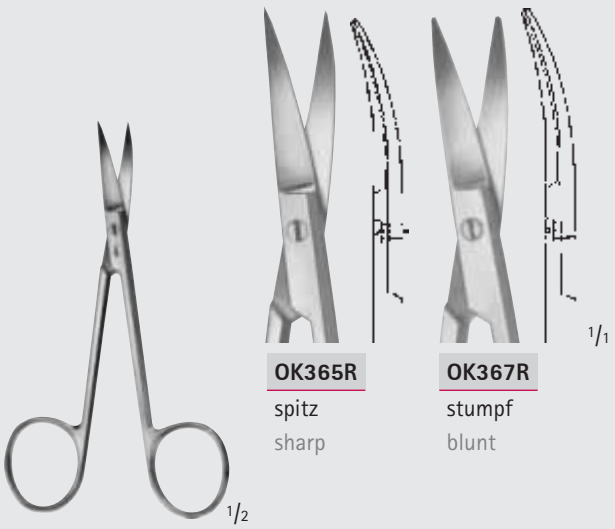
KILNER

BC162R

feine Präparierschere

delicate dissecting scissors

115 mm, 4 1/2"



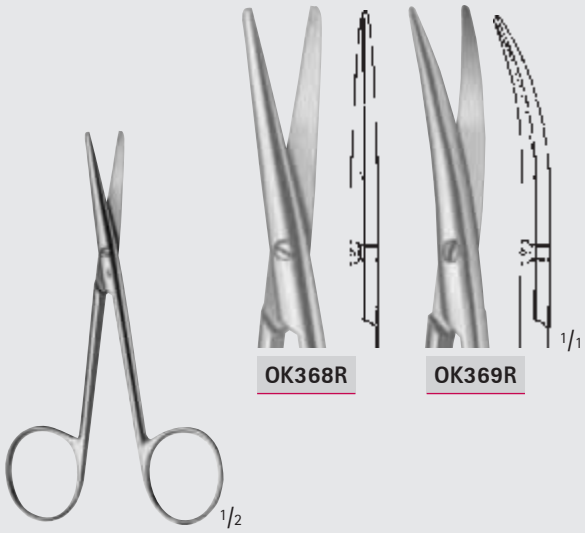
OK365R
spitz
sharp

OK367R
stumpf
blunt

COTTLE-MASING

OK365R–OK367R

Scheren für die plastische Chirurgie
Scissors for plastic surgery
105 mm, 4 1/8"



OK368R

OK369R

COTTLE-KNAPP

OK368R–OK369R

Scheren für die plastische Chirurgie
Scissors for plastic surgery
105 mm, 4 1/8"

OK372R
135 mm
5 1/4"

OK373R
115 mm
4 1/2"

FOMON

OK372R–OK373R

Nasenflügelscheren
Lower lateral scissors

LANDOLT

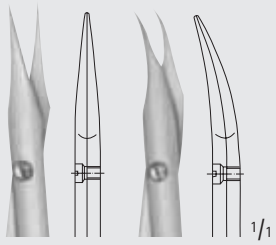
OC430R

Enukleationsschere
Enucleation scissors
120 mm, 4 3/4"

Scheren – Scissors

Präparierscheren, feine Modelle

Dissecting Scissors, Delicate Patterns



BC186R BC187R

STEVENS

BC186R–BC187R

Gefäß- und Sehnenscheren

Vascular- and tendon scissors

100 mm, 4"

»grazil«

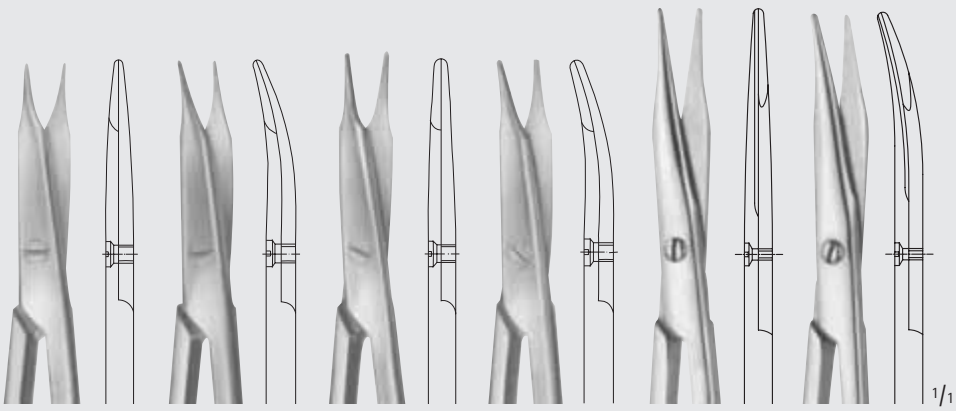
STEVENS

OK366R

feine Präparierschere

delicate dissecting scissors

110 mm, 4 3/8"



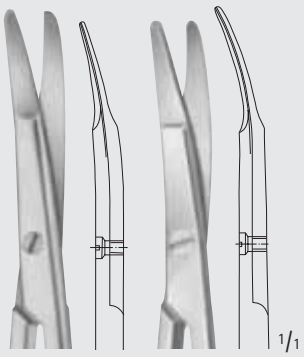
BC170R	BC171R	BC172R	BC173R	BC194R	BC195R
110 mm	110 mm	110 mm	110 mm	125 mm	125 mm
4 3/8"	4 3/8"	4 3/8"	4 3/8"	5"	5"
spitz	spitz	stumpf	stumpf	stumpf	stumpf
sharp	sharp	blunt	blunt	blunt	blunt

STEVENS

BC170R–BC195R

Gefäß- und Sehnenscheren

Vascular- and tendon scissors



BC166R 125 mm 5″

BC168R 150 mm 6″

KILNER

BC166R–BC168R

besonders flache Spitzen zum Präparieren und Unterminieren der Haut

special flat points for dissecting and undermining the skin

Außenkanten der Blätter halbscharf

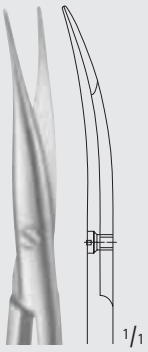
blades outside semi-sharp

BC628R

Nerv-Präparierschere

Nerve dissecting scissors

150 mm, 6″



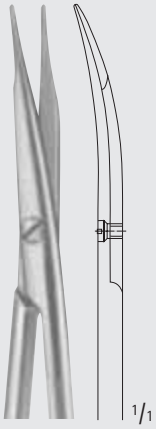
JAMESON-WERBER

BC175R

Präparierschere

Dissecting scissors

130 mm, 5 1/8″



JAMESON

BC177R

Präparierschere

Dissecting scissors

150 mm, 6″

Scheren – Scissors

Präparierscheren, feine Modelle

Dissecting Scissors, Delicate Patterns

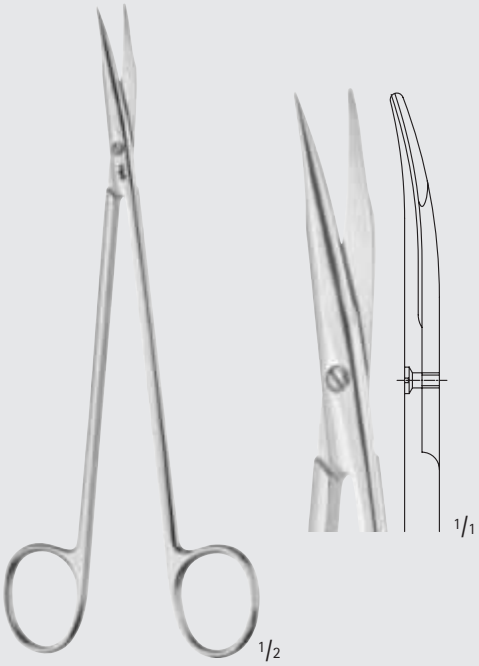
BC180R	BC181R
145 mm	175 mm
5 3/4"	7"

REYNOLDS

BC180R–BC181R

Präparierscheren

Dissecting scissors



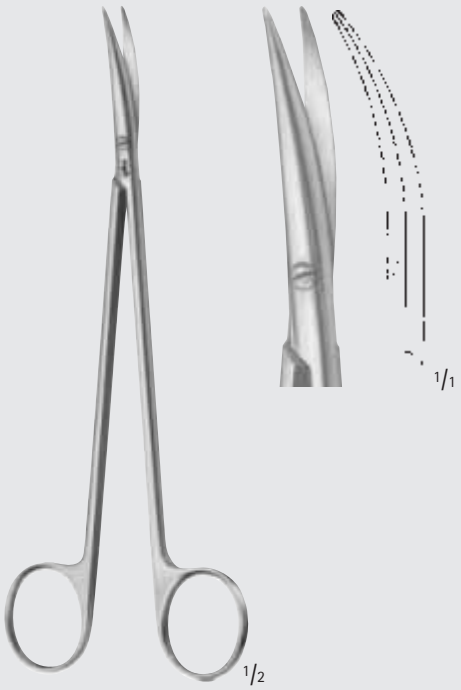
POTTS

BC178R

Präparierschere

Dissecting scissors

180 mm, 7"



DE BAKEY

BC629R

Arteriotomie-Schere

Arteriotomy scissors

175 mm, 7"

BC630R	BC631R
sehr fein	fein
very delicate	delicate

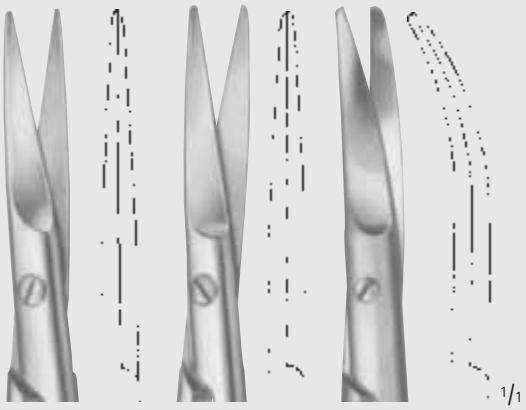
TÖNNIS-ADSON

BC630R–BC631R

Präparierscheren

Dissecting scissors

175 mm, 7"



BC633R
sehr fein
very delicate

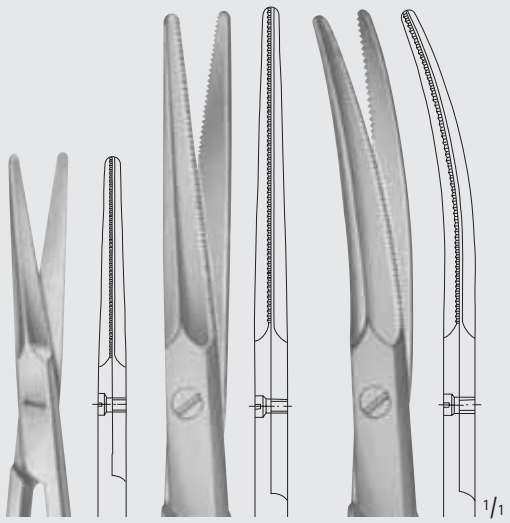
BC634R
fein
delicate

BC635R
fein
delicate

TÖNNIS

BC633R–BC635R

Präparierscheren
Dissecting scissors
180 mm, 7"



BC184R
125 mm
5"

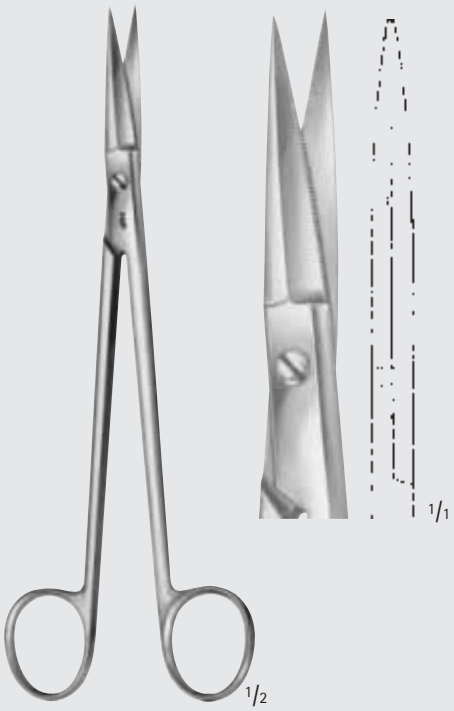
BC188R
195 mm
7 3/4"

BC189R
195 mm
7 3/4"

GORNEY

BC184R–BC189R

Präparierscheren für plastische Chirurgie
Schneiden: außen halbscharf
innen fein gezahnt
Dissection scissors for plastic surgery
Blades: outside semi-sharp
inside fine serrated



BC672R

Knorpelschere,
Blätter außen und innen schneidend
Cartilage scissors,
blades cutting on both sides
185 mm, 7 1/4"

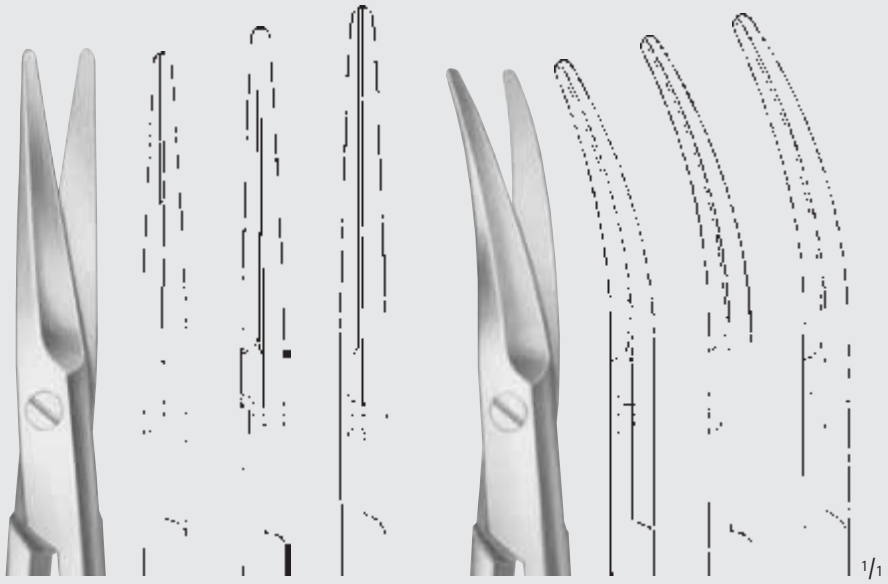
Scheren – Scissors

Chirurgische und Präparierscheren

Surgical and Dissecting Scissors

MAYO

BC544R–BC557R



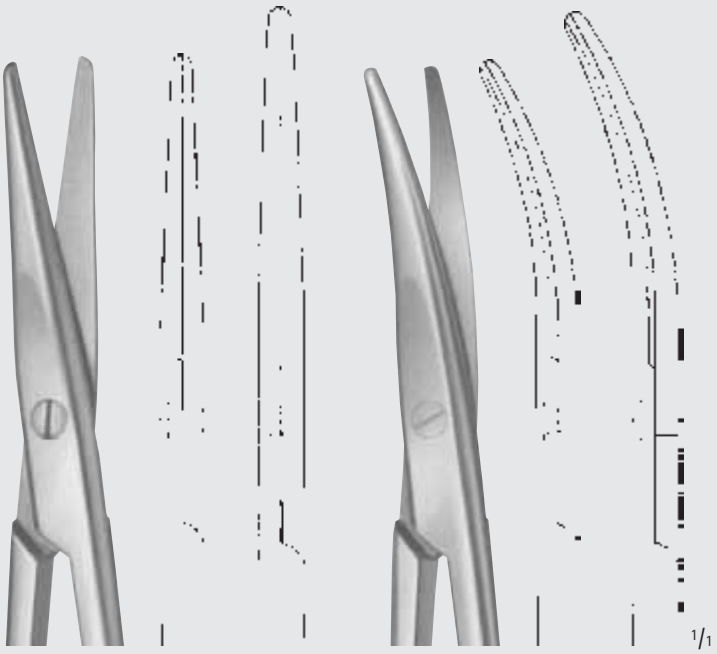
BC544R	BC545R	BC547R
140 mm	155 mm	170 mm
5 1/2"	6"	6 3/4"

BC554R	BC555R	BC557R
140 mm	155 mm	170 mm
5 1/2"	6"	6 3/4"

1/1

MAYO-STILLE

BC570R–BC575R

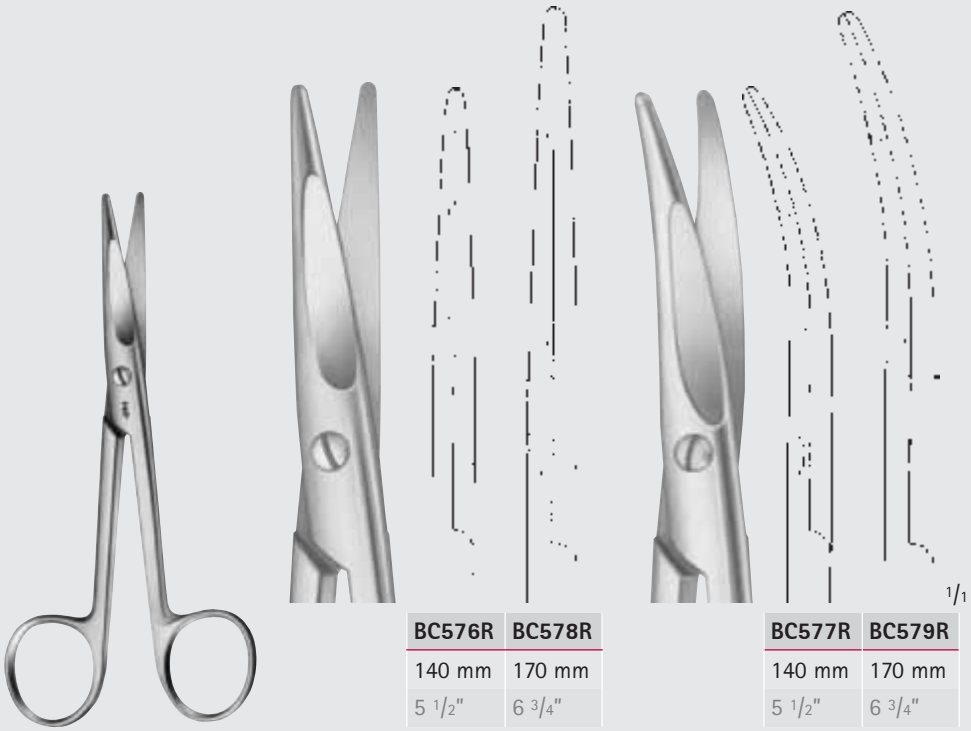


BC570R	BC572R
140 mm	170 mm
5 1/2"	6 3/4"

BC573R	BC575R
140 mm	170 mm
5 1/2"	6 3/4"

1/1

INCHES



1/1

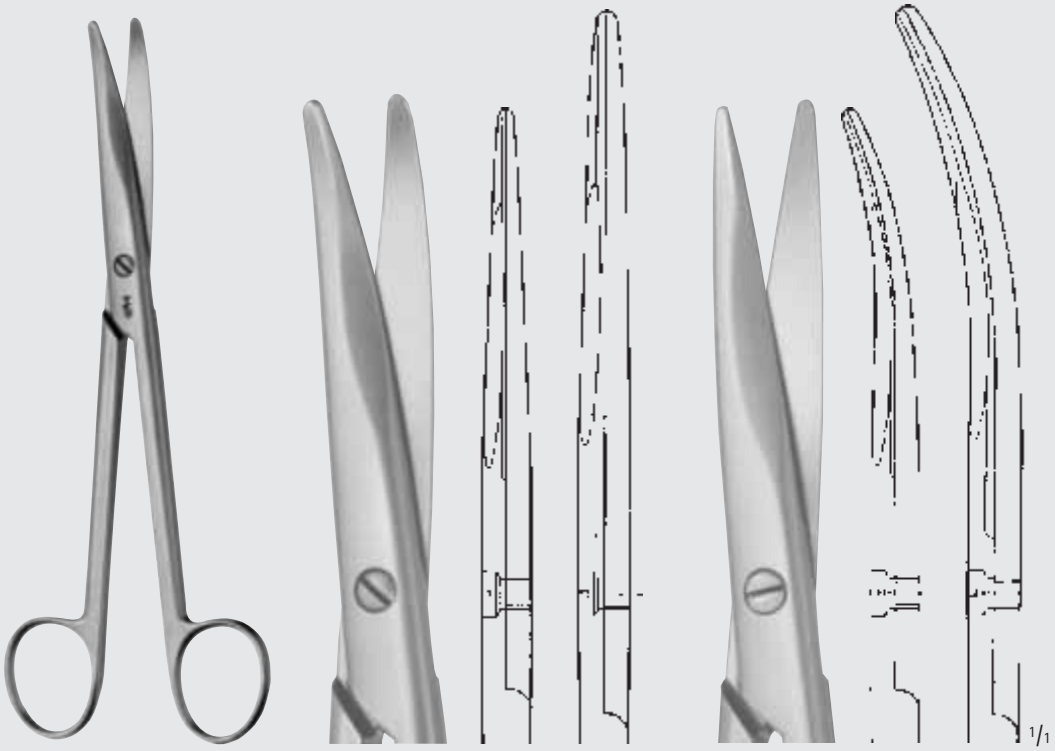
BC576R	BC578R
140 mm	170 mm
5 1/2"	6 3/4"

BC577R	BC579R
140 mm	170 mm
5 1/2"	6 3/4"

MAYO-STILLE

BC576R–BC579R

mit abgeschrägten Schneiden
with chamfered blades



1/1

BC562R	BC564R
190 mm	215 mm
7 1/2"	8 1/2"

BC563R	BC565R
190 mm	215 mm
7 1/2"	8 1/2"

MAYO

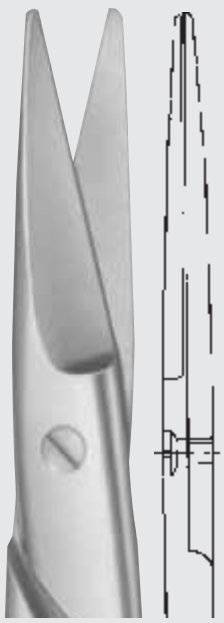
BC562R–BC565R

mit abgeschrägten Schneiden
with chamfered blades

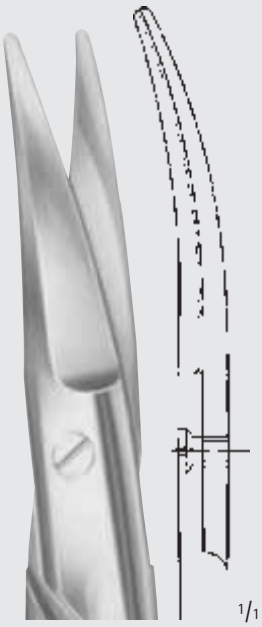
Scheren – Scissors

Präparierscheren

Dissecting Scissors



BC566R



BC569R

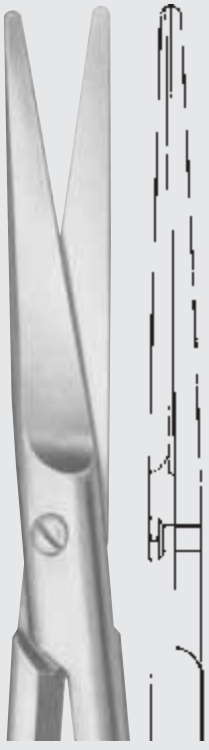
MAYO-NOBLE

BC566R–BC569R

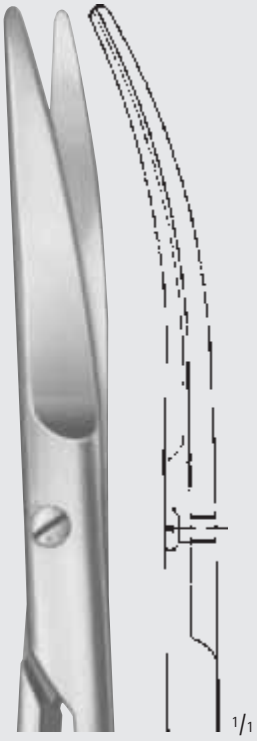
breite Modelle

broad patterns

170 mm, 6 3/4"



BC560R

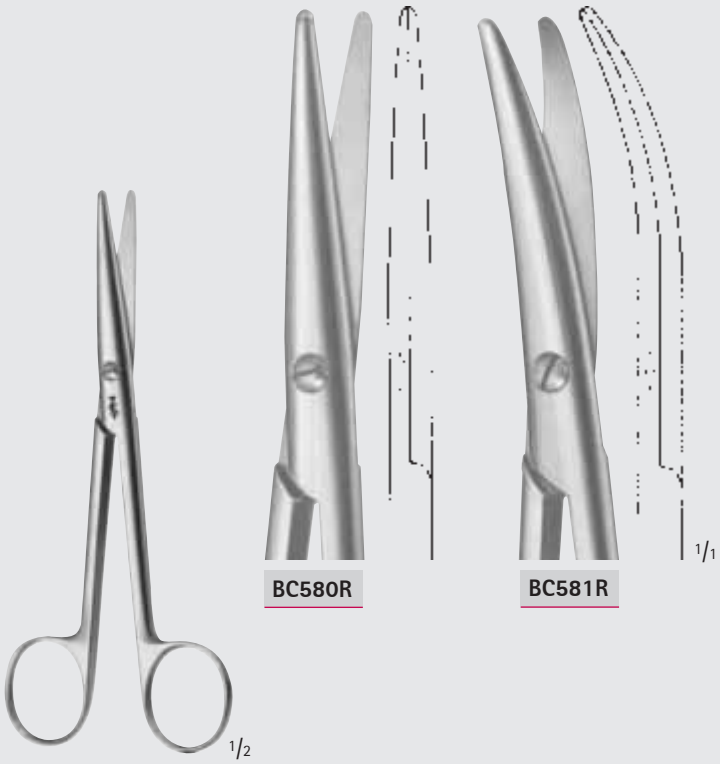


BC561R

MAYO-HARRINGTON

BC560R–BC561R

230 mm, 9"



BC580R BC581R

STILLE

BC580R-BC581R

150 mm, 6"

BC590R BC591R

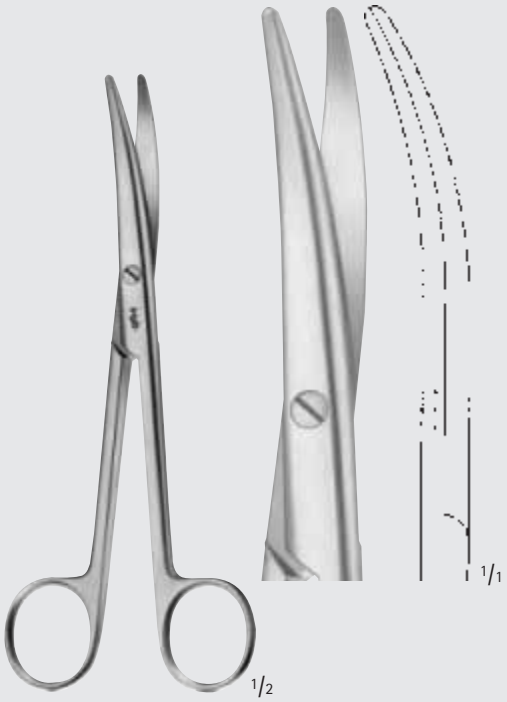
LEXER

BC590R-BC591R

schmal

narrow

165 mm, 6 1/2"



MAYO-LEXER

BC592R

Standard-Modell

Standard pattern

165 mm, 6 1/2"

Scheren – Scissors

Präparierscheren

Dissecting Scissors

BC584R	BC585R
165 mm	200 mm
6 1/2"	8"

1/1

BC587R	BC588R	BC589R
165 mm	200 mm	210 mm
6 1/2"	8"	8 1/4"

MAYO

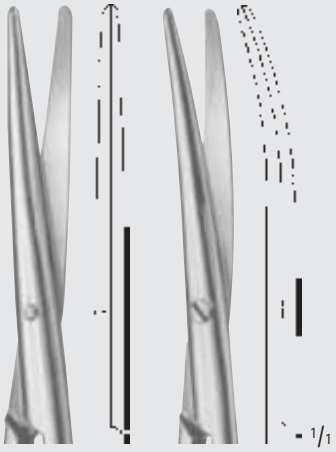
BC584R–BC589R

1/2

BABY-METZENBAUM

BC600R–BC603R

145 mm, 5 3/4"

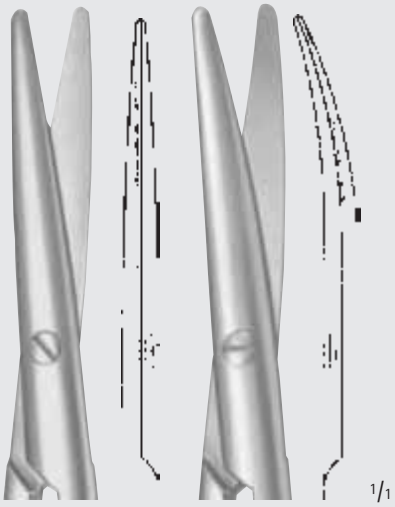


1/1

BC600R	BC603R

METZENBAUM

BC680R–BC683R

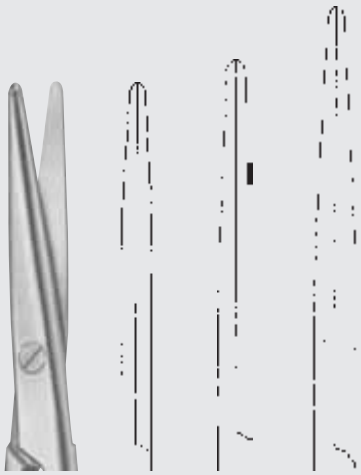


1/1

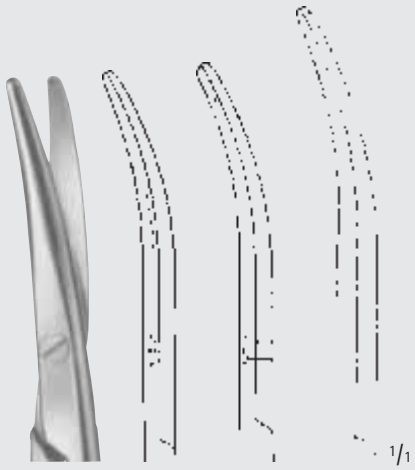
BC680R	BC683R
200 mm	160 mm
8"	6 1/4"

METZENBAUM

BC601R–BC607R



BC601R	BC602R	BC604R
145 mm	180 mm	200 mm
5 3/4"	7"	8"



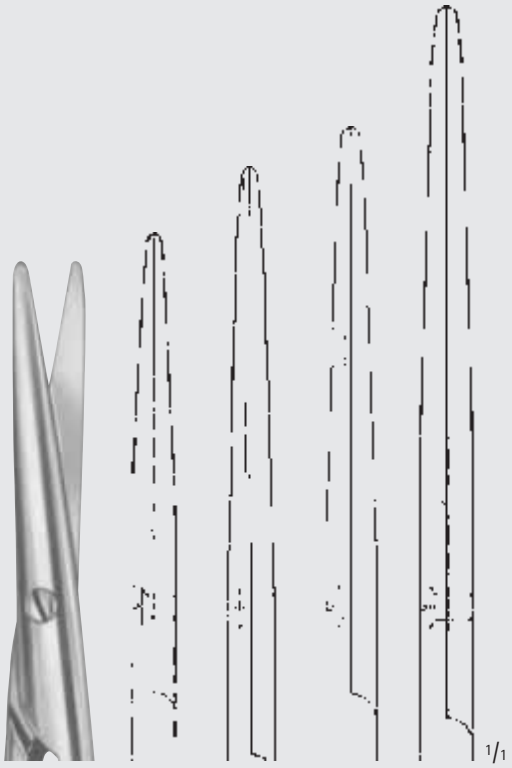
1/1

BC605R	BC606R	BC607R
145 mm	180 mm	200 mm
5 3/4"	7"	8"

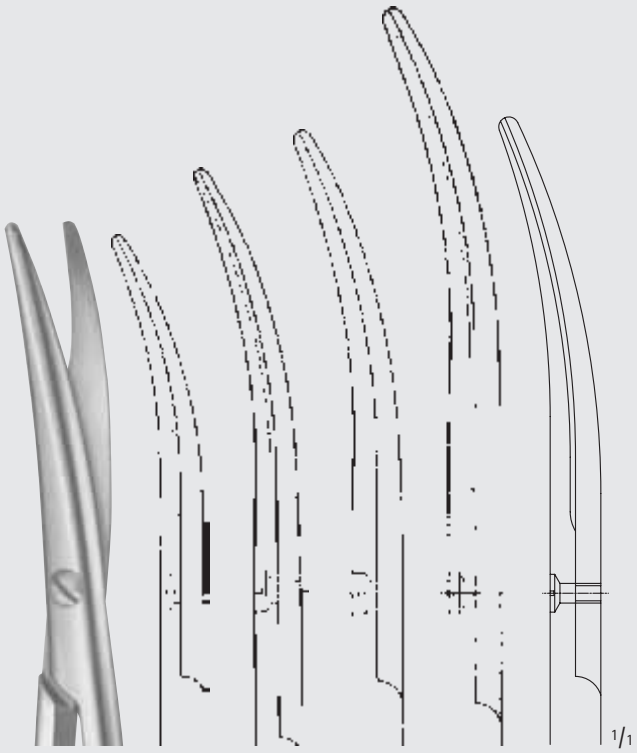
Scheren – Scissors

Präparierscheren

Dissecting Scissors



BC611R	BC612R	BC613R	BC614R
230 mm	250 mm	280 mm	305 mm
9"	10"	11"	12"

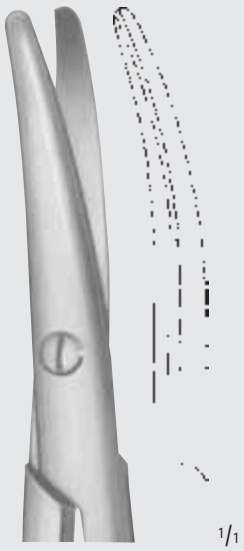


BC615R	BC616R	BC618R	BC619R	BC625R
230 mm	250 mm	280 mm	305 mm	350 mm
9"	10"	11"	12"	14"

NELSON-METZENBAUM

BC611R–BC625R

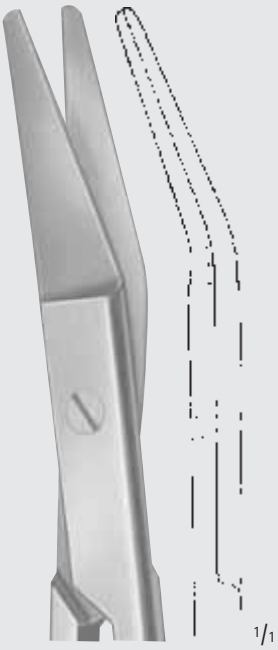
INCHES



WELLER

BC620R

Präparierschere, kräftiges Modell
Dissecting scissors, heavy pattern
280 mm, 11"

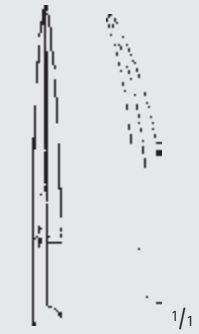


RESANO

BC595R

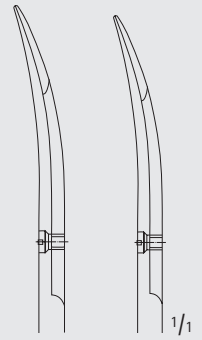
Kapselschere
Cartilage scissors
250 mm, 10"

Scheren – Scissors

SuperCut Scheren
SuperCut Scissors

BC900R	BC901R
spitz	spitz
sharp	sharp

BC900R–BC901R

110 mm, 4 3/8"



BC911R	BC915R
130 mm	150 mm
5 1/8"	6"
stumpf	stumpf
blunt	blunt

JAMESON

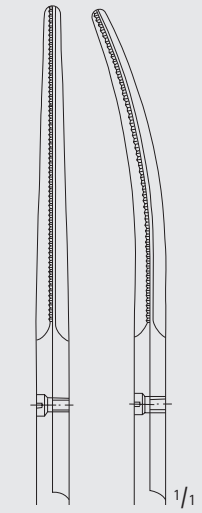
BC911R–BC915R

BC916R	BC917R
spitz	spitz
sharp	sharp

JOSEPH

BC916R–BC917R

150 mm, 6"



BC920R	BC921R
stumpf	stumpf
blunt	blunt

GORNEY

BC920R–BC921R

195 mm, 7 3/4"

1/2

MAYO

BC924R-BC925R

165 mm, 6 1/2"

1/1

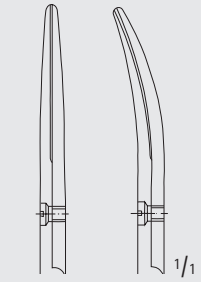
BC924R	BC925R

1/2

BABY-METZENBAUM

BC930R-BC931R

115 mm, 4 1/2"



1/1

BC930R	BC931R

METZENBAUM

BC934R-BC937R

1/1

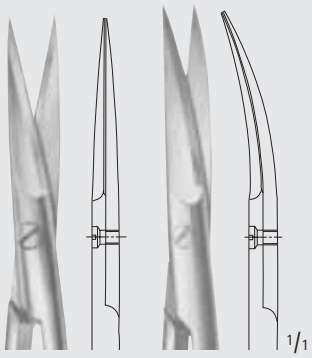
BC934R	BC937R
145 mm	180 mm
5 3/4"	7"

Scheren – Scissors

DUROTIP® Feine Scheren
DUROTIP® Delicate Scissors

DUROTIP®-Scheren
mit eingesetzten Hartmetall-Schneiden
- 3 Jahre Garantie!
- Hervorragende Schnitthaltigkeit
- Lange Lebensdauer
- Vergoldete Ring

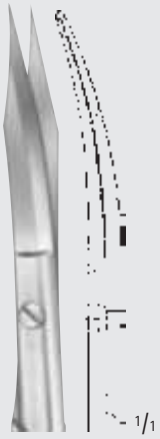
DUROTIP® Scissors
with inserted carbide cutting edges
- 3 years guarantee!
- Excellent cutting accuracy
- Long working life
- Gold-plated rings



BC210R **BC211R**

BC210R-BC211R

Fadenscheren
Ligature scissors
110 mm, 4 3/8"

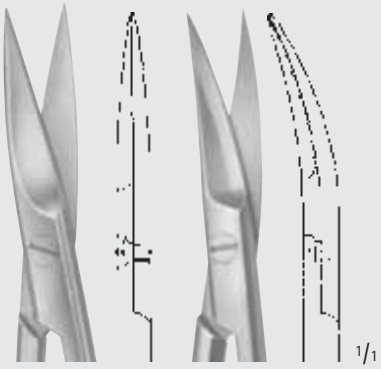


1 Schneide gezahnt
1 blade serrated

GOLDMAN-FOX

DO250R

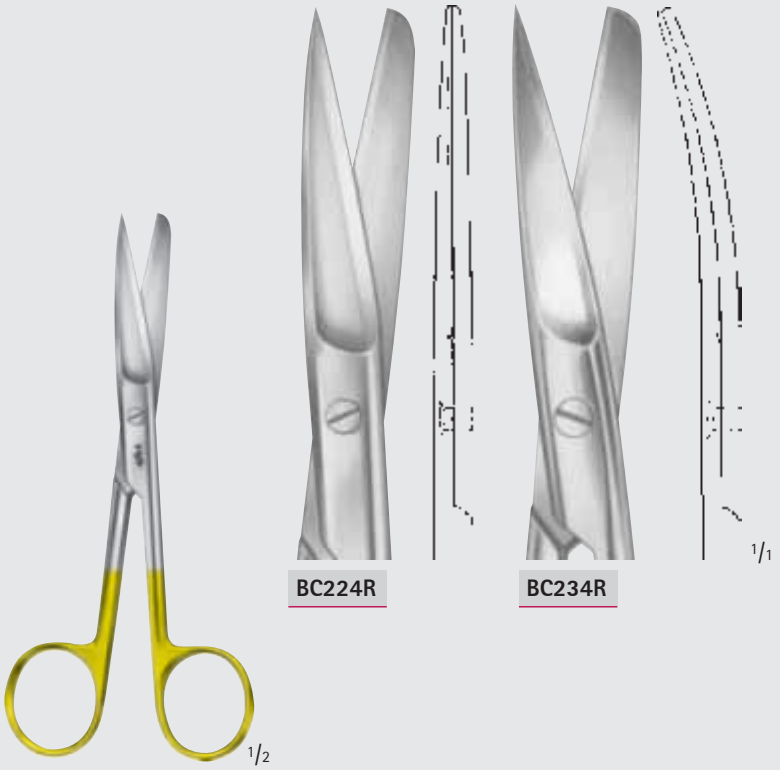
130 mm, 5 1/8"



DO208R **DO209R**

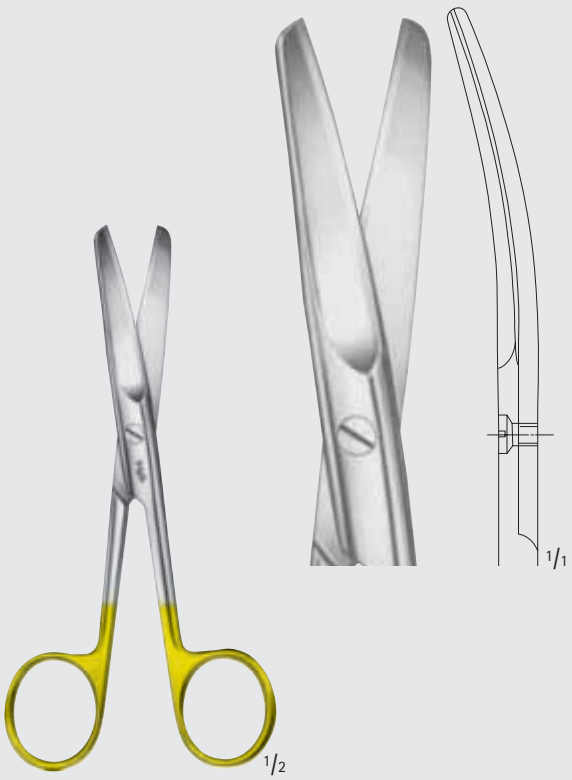
DO208R-DO209R

120 mm, 4 3/4"

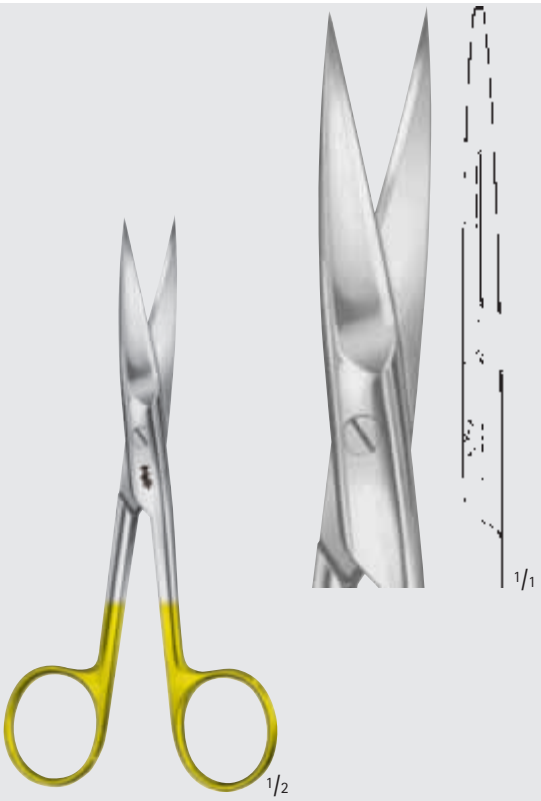


BC224R **BC234R**

BC224R–BC234R
145 mm, 5 3/4"



BC231R
145 mm, 5 3/4"

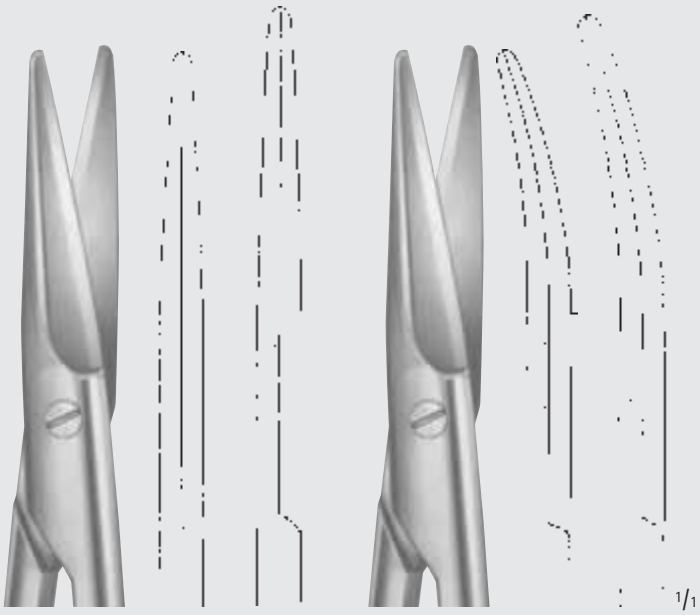


BC228R
145 mm, 5 3/4"

Scheren – Scissors

DUROTIP® Präparierscheren

DUROTIP® Dissecting Scissors

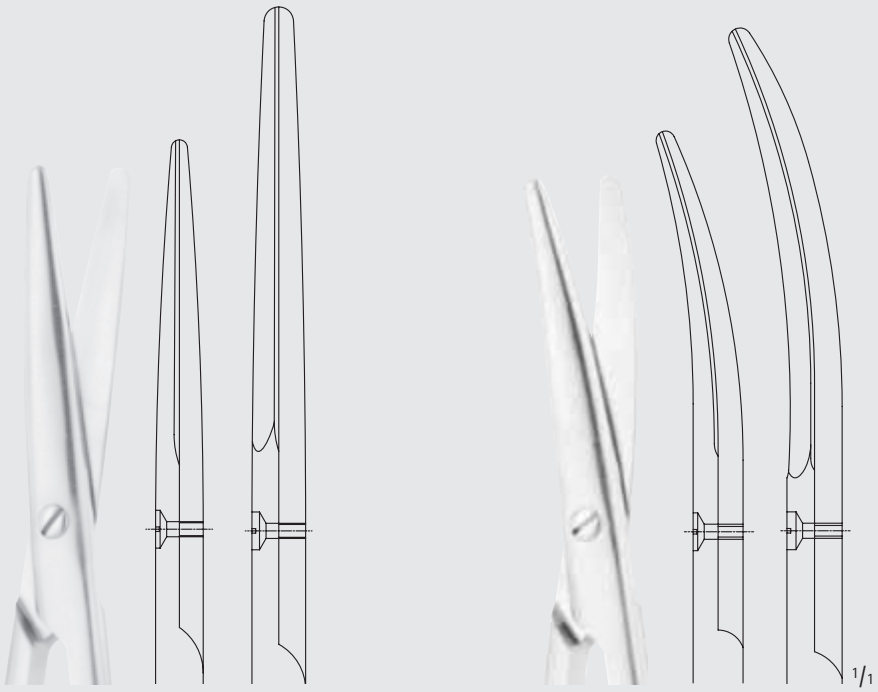


BC250R	BC252R
140 mm	170 mm
5 1/2"	6 3/4"

BC251R	BC253R
140 mm	170 mm
5 1/2"	6 3/4"

MAYO

BC250R–BC253R

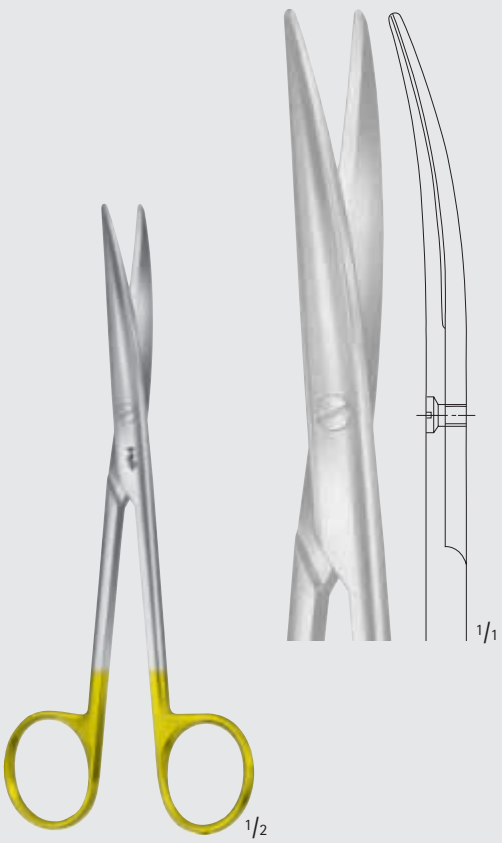


BC242R	BC558R
170 mm	230 mm
6 3/4"	9"

BC243R	BC559R
170 mm	230 mm
6 3/4"	9"

MAYO

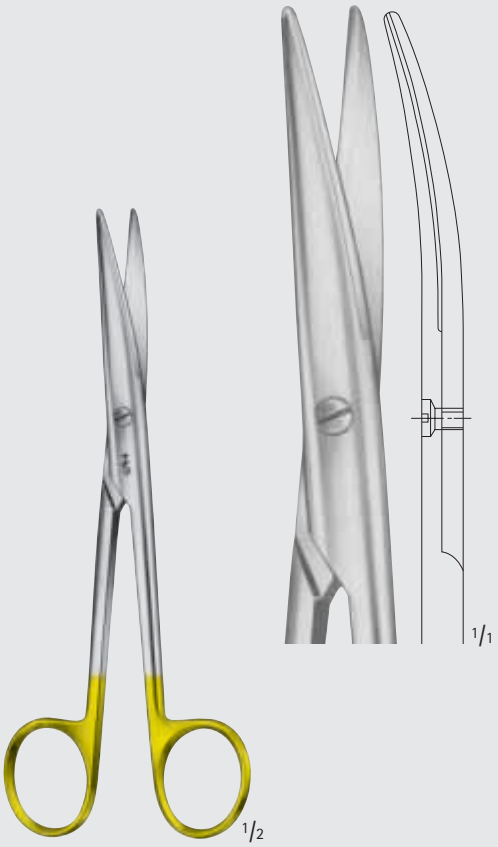
BC242R–BC559R



LEXER

BC283R

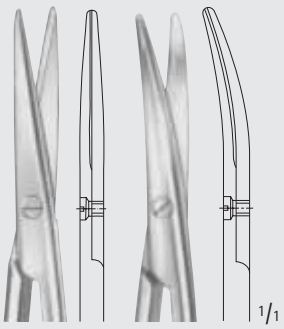
schmal
narrow
165 mm, 6 1/2"



MAYO-LEXER

BC284R

165 mm, 6 1/2"

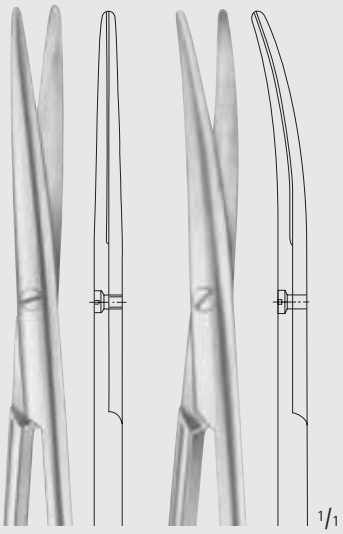


BC256R **BC257R**

BC256R–BC257R

115 mm, 4 1/2"

1/2



1/1

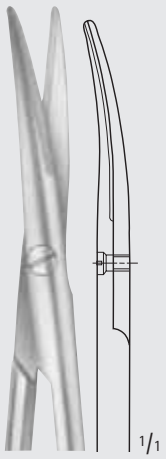
BC258R BC259R

BABY-METZENBAUM

BC258R–BC259R

145 mm, 5 3/4"

1/2

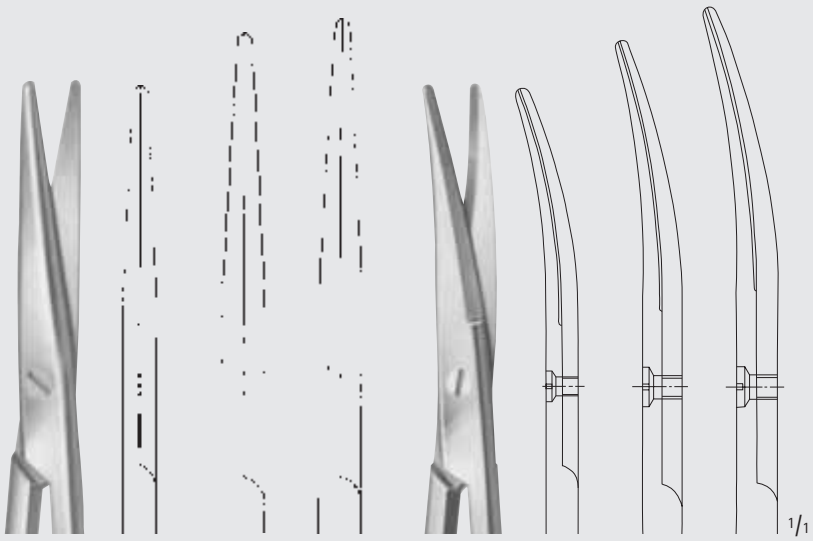


1/1

TÖNNIS-ADSON

BC273R

175 mm, 7"



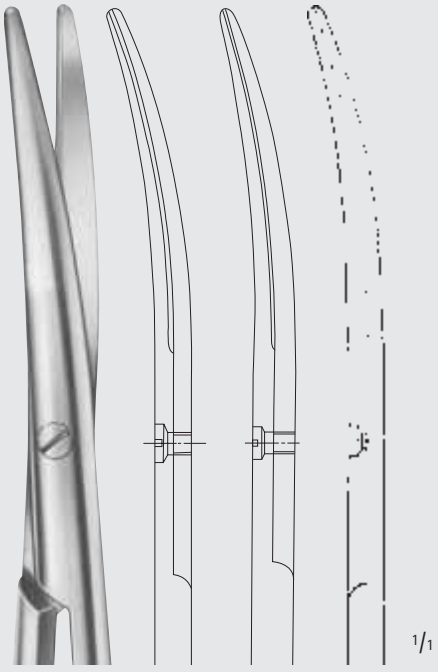
BC270R	BC274R	BC276R
180 mm	200 mm	230 mm
7"	8"	9"

BC271R	BC275R	BC277R
180 mm	200 mm	230 mm
7"	8"	9"

1/1

METZENBAUM

BC270R–BC277R

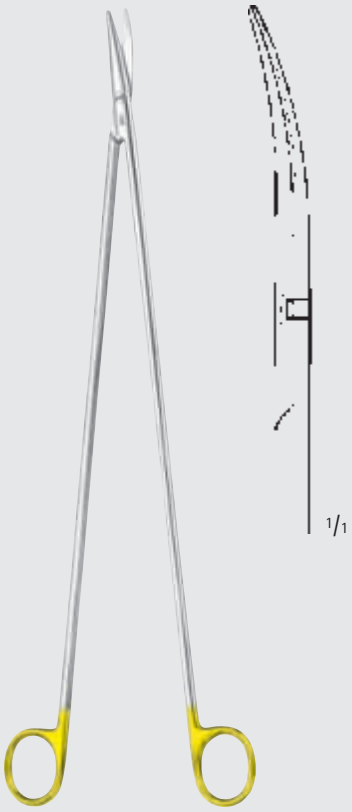


BC279R	BC281R	BC282R
260 mm	280 mm	285 mm
10 1/4"	11"	11 1/4"

1/1

NELSON-METZENBAUM

BC279R–BC285R

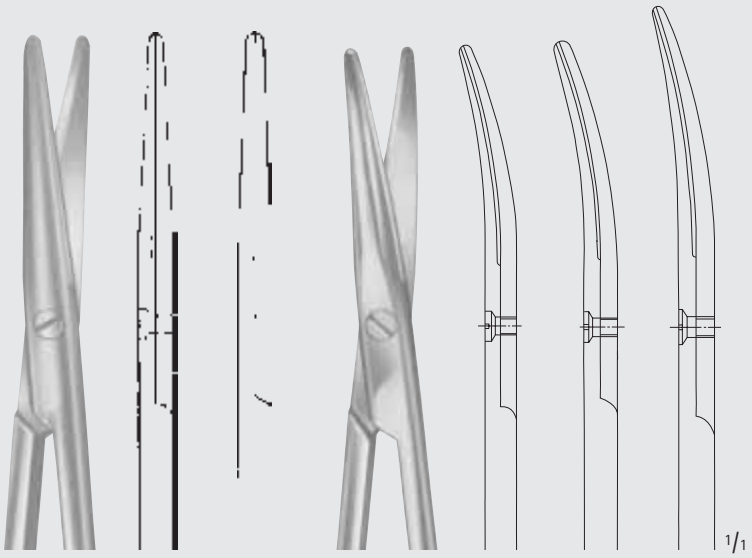


1/1

NELSON-METZENBAUM

BC285R

350 mm, 14"



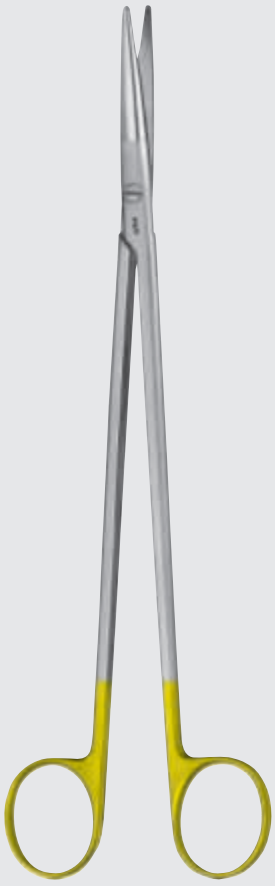
BC260R	BC262R
145 mm	180 mm
5 3/4"	7"

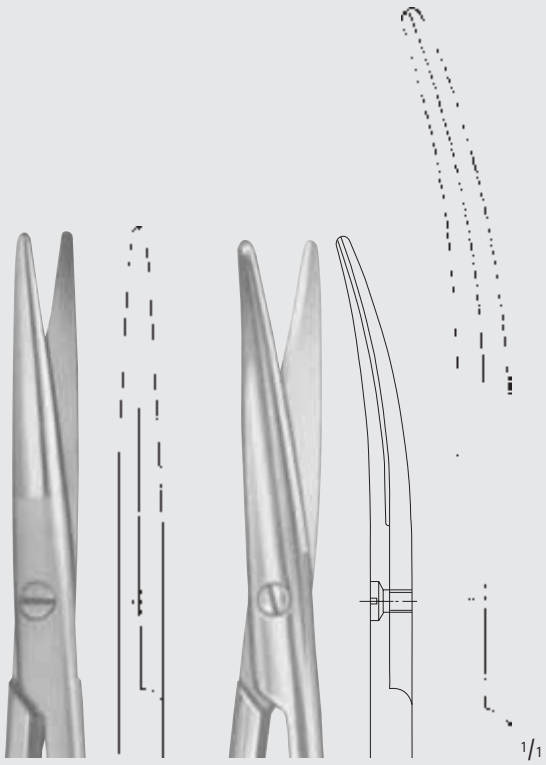
BC261R	BC263R	BC265R
145 mm	180 mm	200 mm
5 3/4"	7"	8"

1/1

METZENBAUM

BC260R–BC265R





BC266R
200 mm
9"

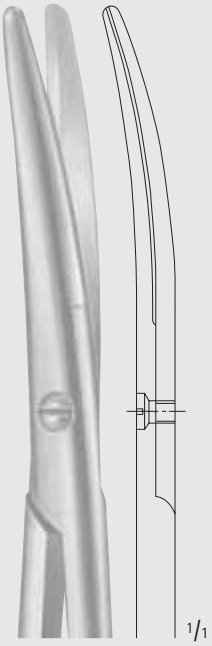
BC267R	BC289R
230 mm	300 mm
9"	12"

1/1

NELSON-METZENBAUM (MC INDOE)

BC266R–BC289R

1/2



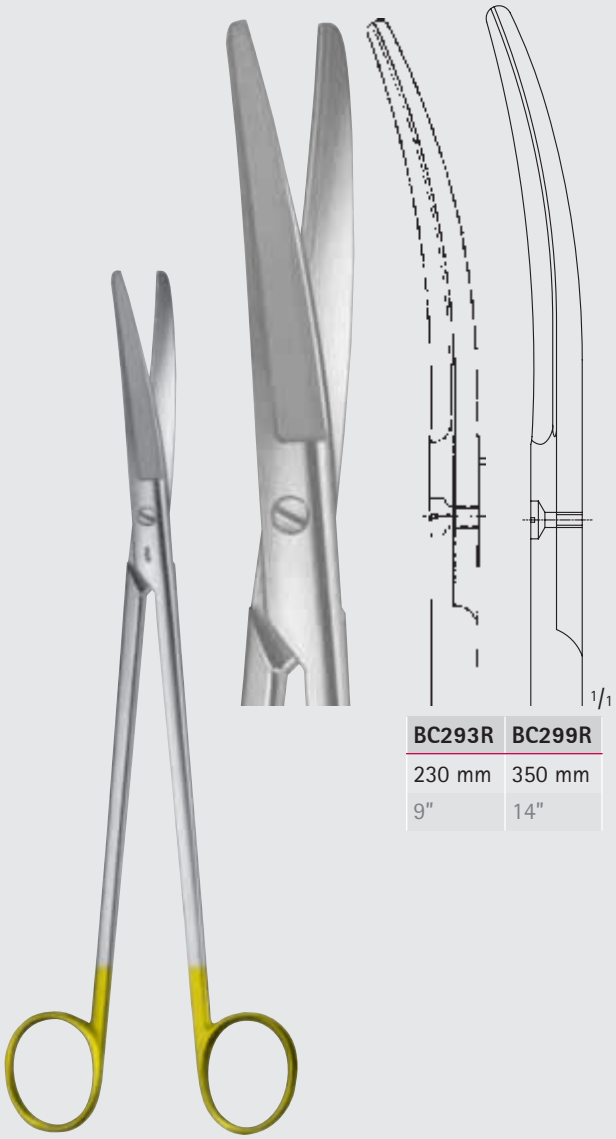
1/1

breite Blattenden
broad blade ends

METZENBAUM

BC287R

230 mm, 9"



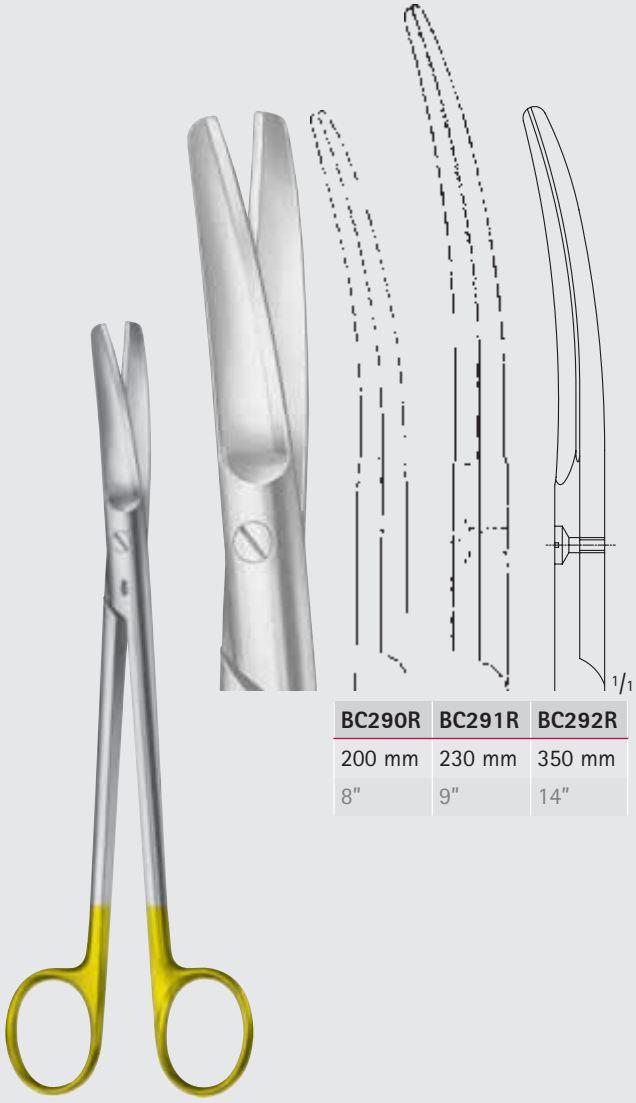
1/1

BC293R	BC299R
230 mm	350 mm
9"	14"

WERTHEIM

BC293R–BC299R

Präparierscheren
Dissecting scissors



1/1

BC290R	BC291R	BC292R
200 mm	230 mm	350 mm
8"	9"	14"

SIMS

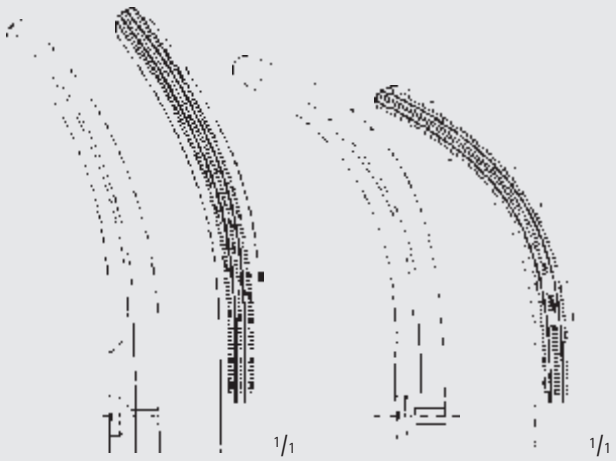
BC290R–BC292R

Uterusscheren
Uterine scissors

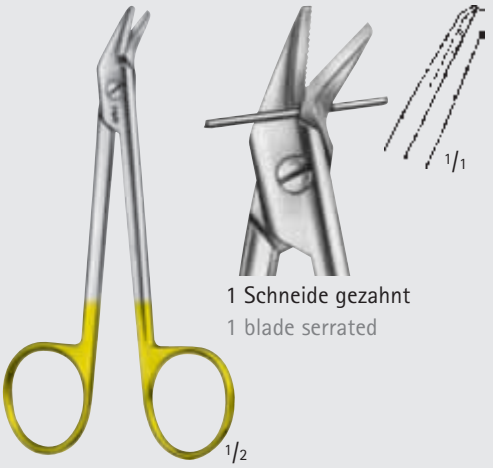
Scheren – Scissors

DUROTIP® Scheren

DUROTIP® Scissors



BC551R **BJ551R** **BC552R** **BJ552R**



1 Schneide gezahnt

1 blade serrated

DP552R

Draht- und Blechschere

Wire cutting scissors

120 mm, 4 3/4"

BC551R

255 mm

10"

BC552R

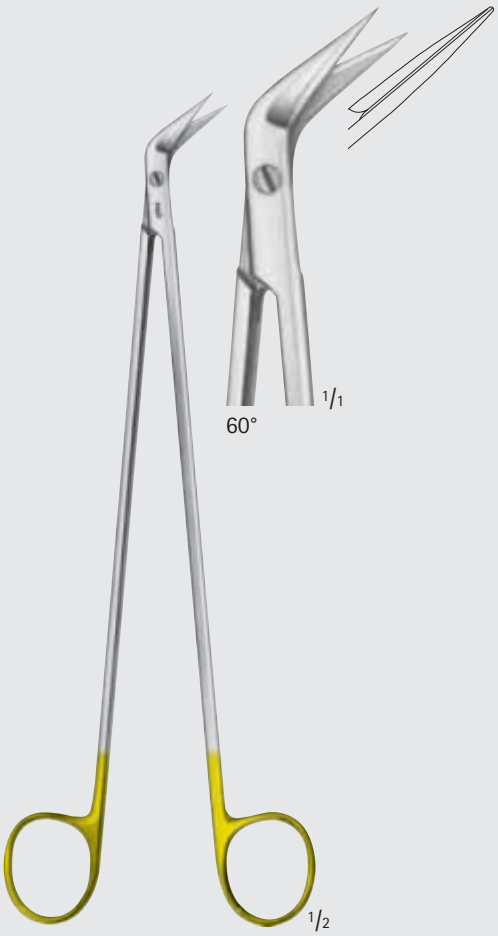
250 mm

10"

BC551R-BJ552R

Hysterektomiescheren, stark gebogen, passend zu den Parametriumklemmen BJ551R und BJ552R.

Hysterectomy scissors, strongly curved, fitting parametrium clamps BJ551R and BJ552R.



DE BAKEY

BC245R

Gefäßschere

Vascular scissors

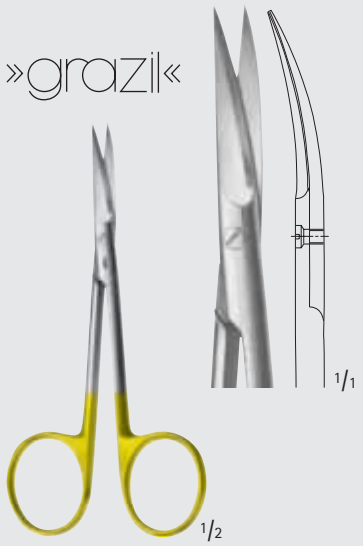
220 mm, 8 3/4"

~Wellenschliff
verhindert das Herausgleiten des Gewebes

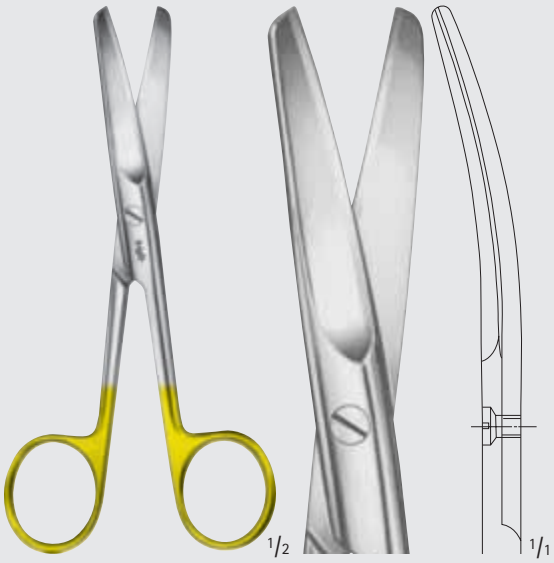
~Wavecut
prevents tissue from slipping out

Artikel mit dem Zusatz ~W sind auf einer Schnittfläche mit Wellenschliff versehen (bei Bestellungen bitte angeben - z.B. BC211W)

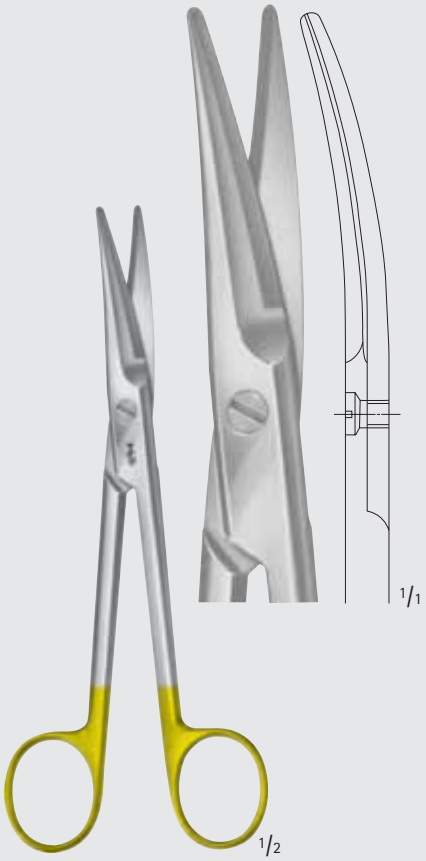
~W directly after the catalog number indicates that the resp. item has one serrated cutting edge. (When ordering please indicate together with the catalog number e.g. BC211W)



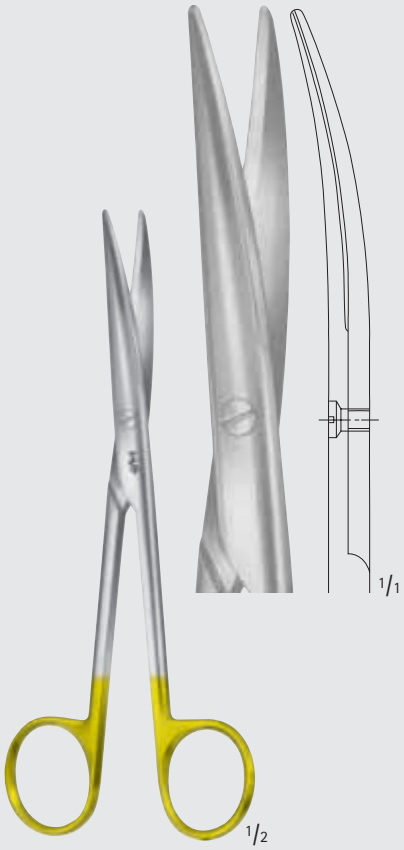
BC211W
Fadenschere
Ligature scissors
110 mm, 4 3/8"



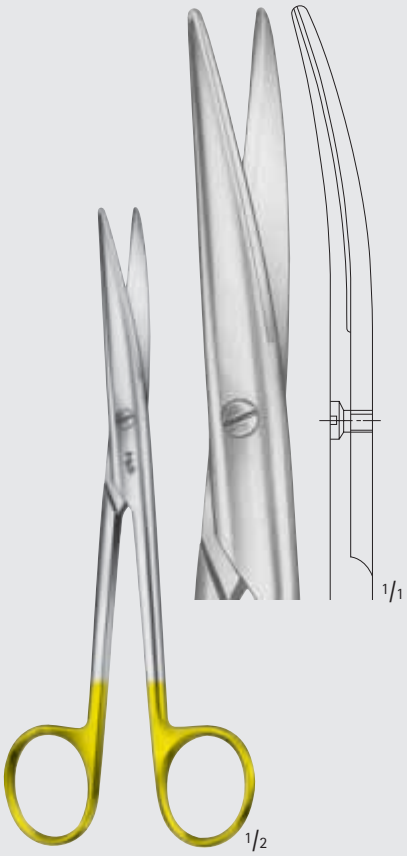
BC231W
Chirurgische Schere
Surgical Scissors
145 mm, 5 3/4"



MAYO
BC253W
Präparierschere
Dissecting scissors
170 mm, 6 3/4"



LEXER
BC283W
Präparierschere, schmal
Dissecting scissors, slender
165 mm, 6 1/2"



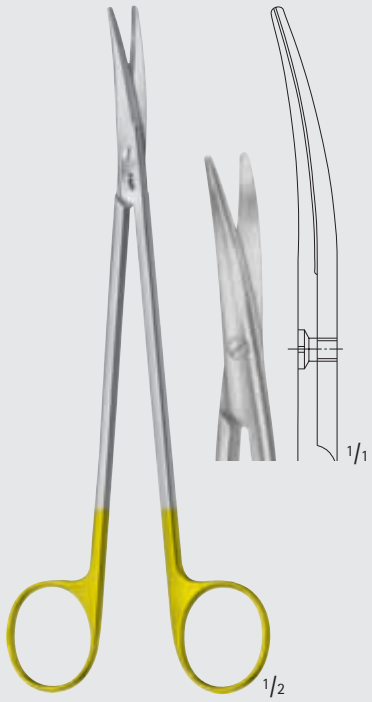
MAYO-LEXER
BC284W
Präparierschere
Dissecting scissors
165 mm, 6 1/2"

Scheren – Scissors

DUROTIP® Präparierscheren mit Wellenschliff

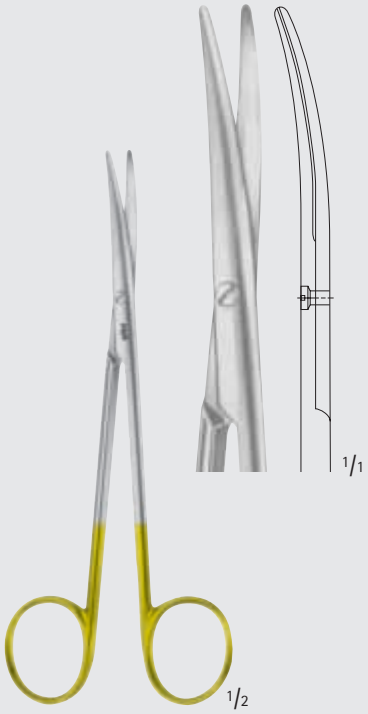
DUROTIP® Wavecut Dissecting Scissors

»grazil«



BC257W

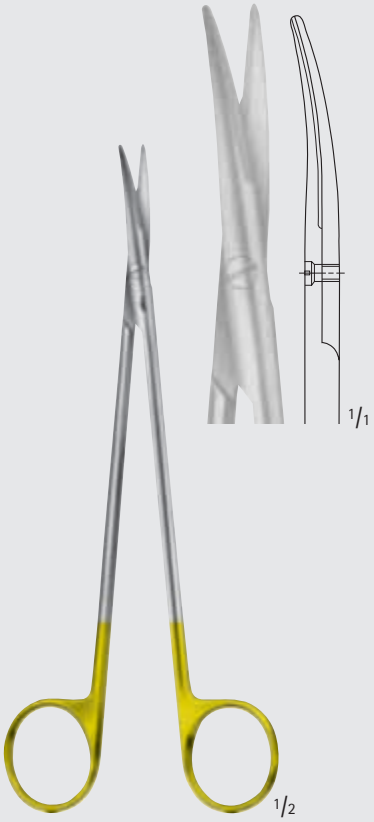
115 mm, 4 1/2"



BABY-METZENBAUM

BC259W

145 mm, 5 3/4"



TÖNNIS-ADSON

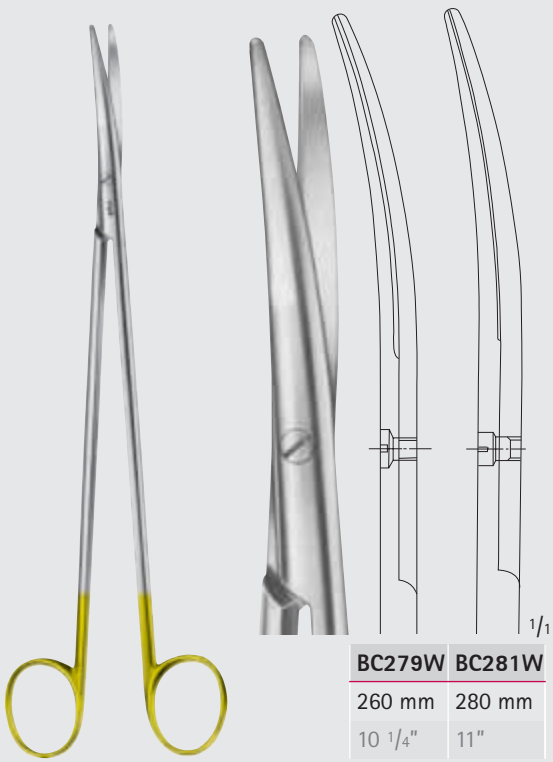
BC273W

175 mm, 7"

METZENBAUM

BC271W-BC277W

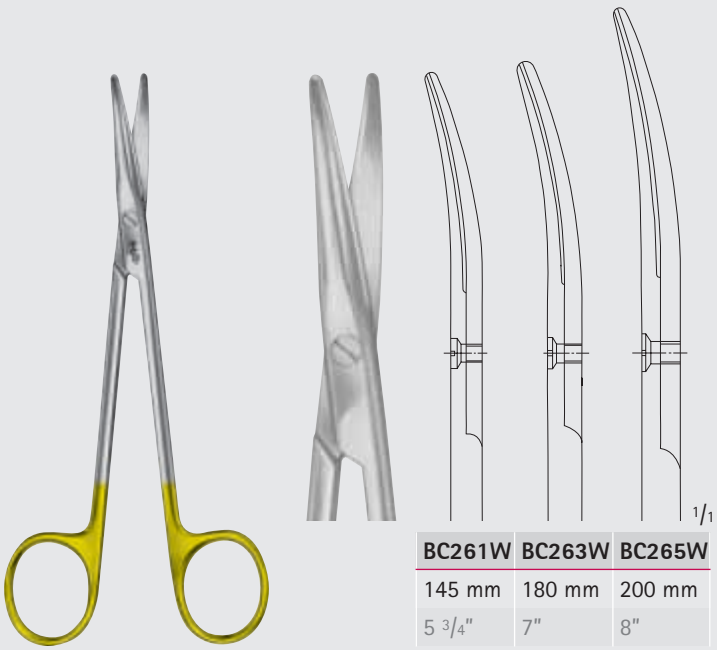
BC271W	BC275W	BC277W
180 mm	200 mm	230 mm
7"	8"	9"



NELSON-METZENBAUM

BC279W-BC281W

BC279W	BC281W
260 mm	280 mm
10 1/4"	11"

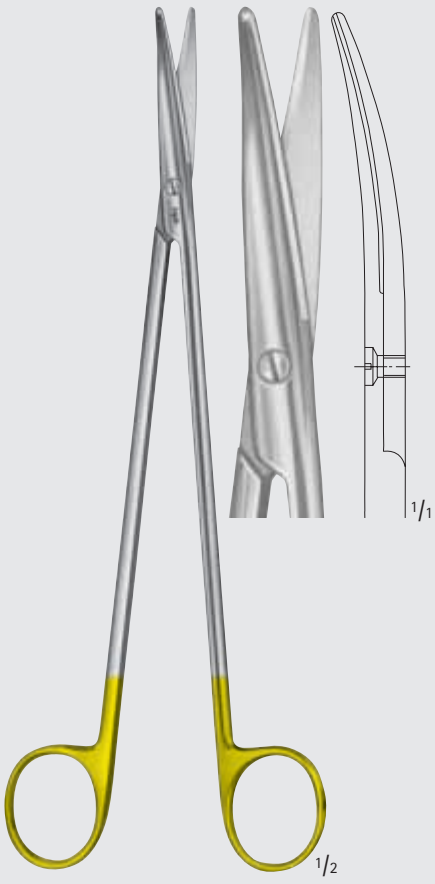


BC261W	BC263W	BC265W
145 mm	180 mm	200 mm
5 3/4"	7"	8"

1/1

METZENBAUM

BC261W–BC265W



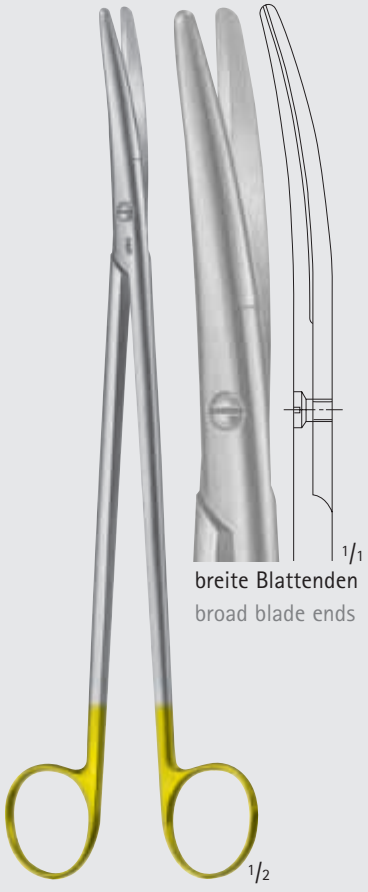
1/1

1/2

NELSON-METZENBAUM

BC267W

230 mm, 9"



1/1

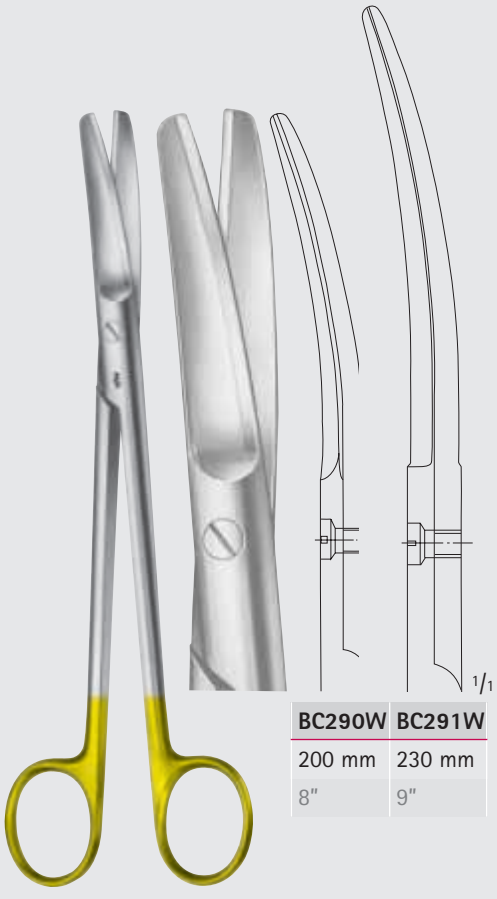
breite Blattenden
broad blade ends

1/2

METZENBAUM

BC287W

230 mm, 9"



BC290W	BC291W
200 mm	230 mm
8"	9"

1/1

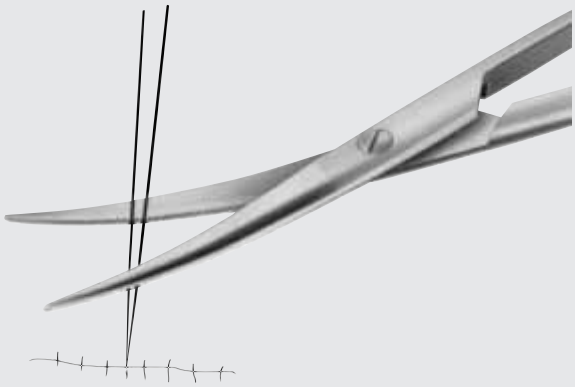
SIMS

BC290W–BC291W

Uterusscheren
Uterine scissors

Scheren – Scissors

DUROTIP® Ligaturscheren mit Wellenschliff
DUROTIP® Wavecut Ligature Scissors



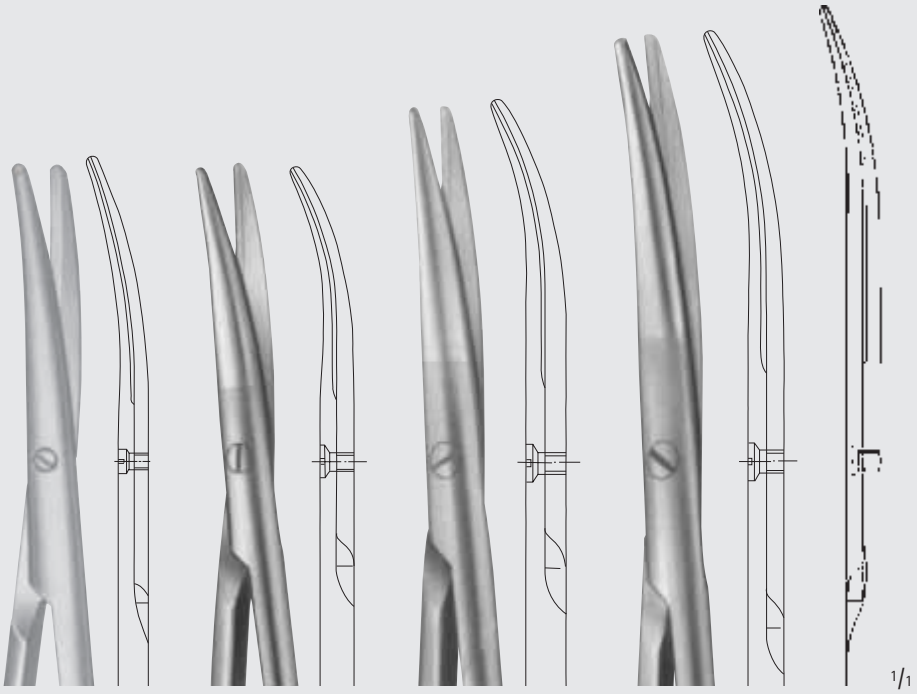
speziell zum Schneiden von Nahtmaterial

- Hartmetalleinlagen gewähren dauerhafte Schnittschärfe (auch im distalen Bereich der Scherenblätter)
- der Spezial-Wellenschliff erhindert das Abgleiten des Nahtmaterials
- DUROTIP®-Ligaturscheren sind gekennzeichnet mit 1 vergoldeten Ring

especially for cutting suture materials

- Carbide inserts guarantee permanent cutting edge (also in the distal area of the blades)
- Wavecut prevents suture materials from slipping out
- DUROTIP® ligature scissors are identified by 1 goldplated ring

BC294W-BC298W



1/1

BC294W	BC295W	BC296W	BC297W	BC298W
145 mm	180 mm	230 mm	260 mm	350 mm
5 3/4"	7"	9"	10 1/4"	14"

»grazil«

BC257B

115 mm, 4 1/2"

»grazil«

BABY-METZENBAUM

BC259B

145 mm, 5 3/4"

METZENBAUM

BC261B–BC275B

BC261B	BC263B	BC265B	BC271B	BC275B
145 mm	180 mm	200 mm	180 mm	200 mm
5 3/4"	7"	8"	7"	8"

MAYO-LEXER

BC283B–BC284B

165 mm, 6 1/2"

BC283B	BC284B

Scheren – Scissors

Präparierscheren Noir mit Wellenschliff
Wavecut Dissecting Scissors Noir

Wellenschliff verhindert das Herausgleiten des Gewebes während des Schneidens

Wavecut prevents tissue form slipping out during the cutting process

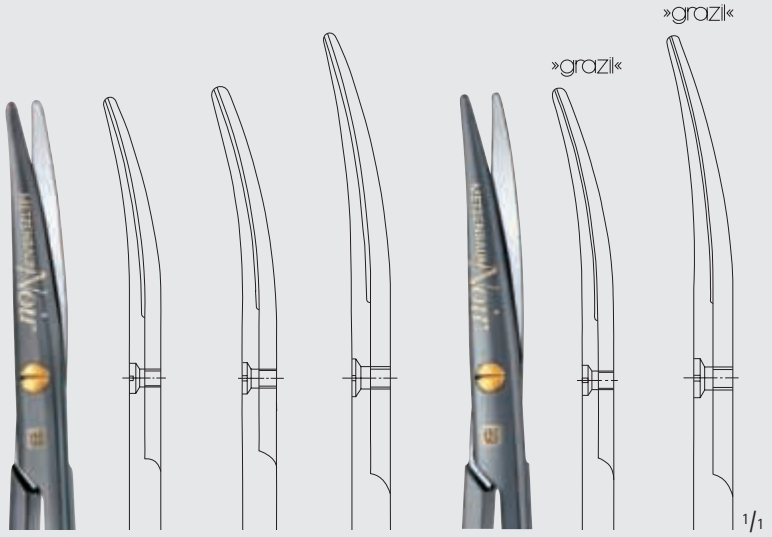
BC257WB

115 mm, 4 1/2"

BABY-METZENBAUM

BC259WB

145 mm, 5 3/4"



BC261WB	BC263WB	BC265WB
145 mm	180 mm	200 mm
5 3/4"	7"	8"

BC271WB	BC275WB
180 mm	200 mm
7"	8"

METZENBAUM

BC261WB–BC275WB

BC283WB BC284WB

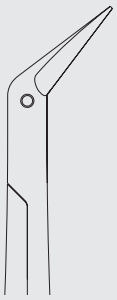
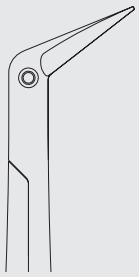
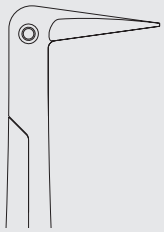
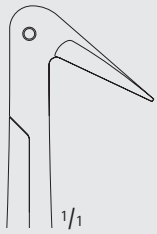
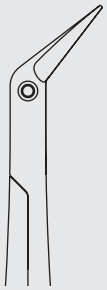
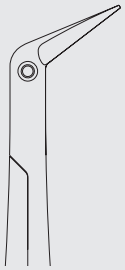
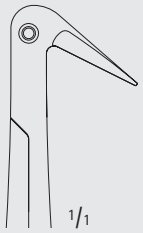
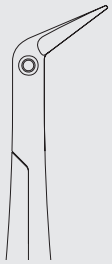
MAYO-LEXER

BC283WB–BC284WB

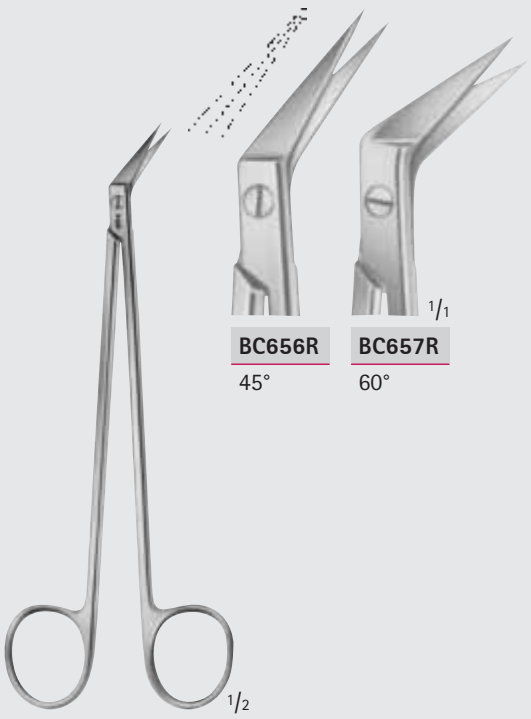
165 mm, 6 1/2"

1/1

DIETHRICH-POTTS
180 mm, 7"

	25°	45°	60°	90°	125°
Standard Blatt Standard blade	**BC522R**	 **BC523R**	 **BC524R**	 **BC525R**	 1/1 **BC526R**
Sehr feines Blatt Delicate blade	**BC531R**	 **BC532R**	 **BC533R**	**BC534R**	 1/1 **BC535R**
Extrem feines Blatt Ultra delicate blade	**BC515R**	**BC516R**	 **BC517R**	**BC518R**	1/1 **BC519R**

Scheren – Scissors
Gefäßscheren
Cardiovascular Scissors

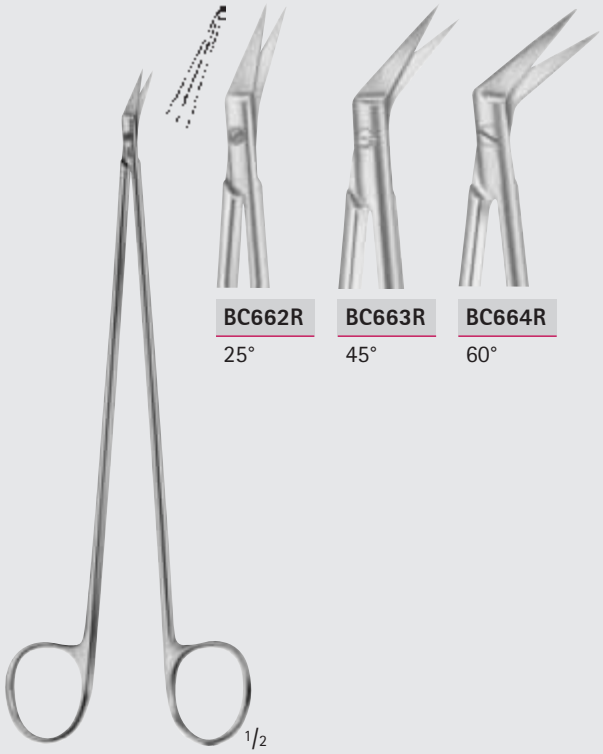


BC656R 45°
BC657R 60°

DE BAKEY

BC656R–BC657R

155 mm, 6"

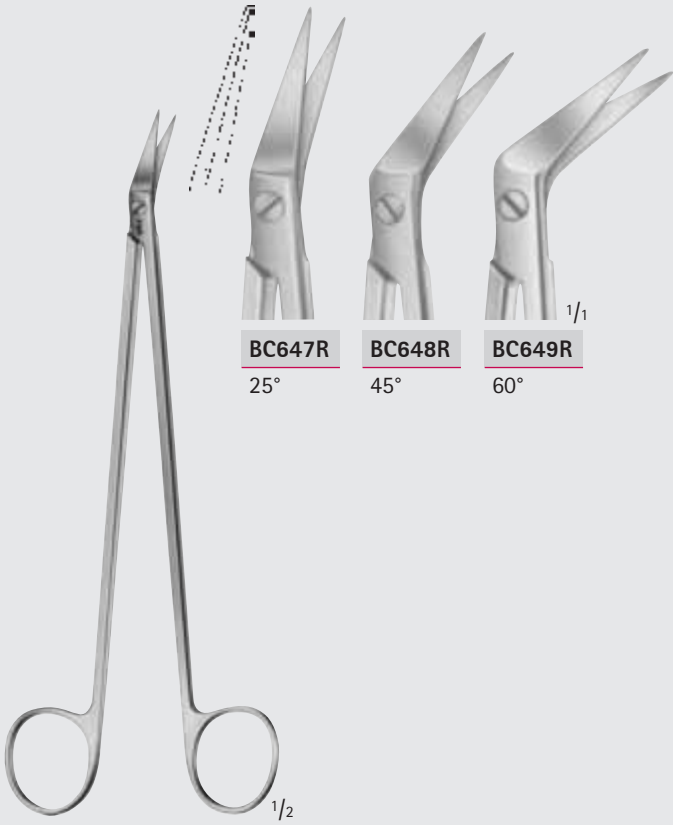


BC662R 25°
BC663R 45°
BC664R 60°

DIETHRICH-HEGEMANN

BC662R–BC664R

180 mm, 7"

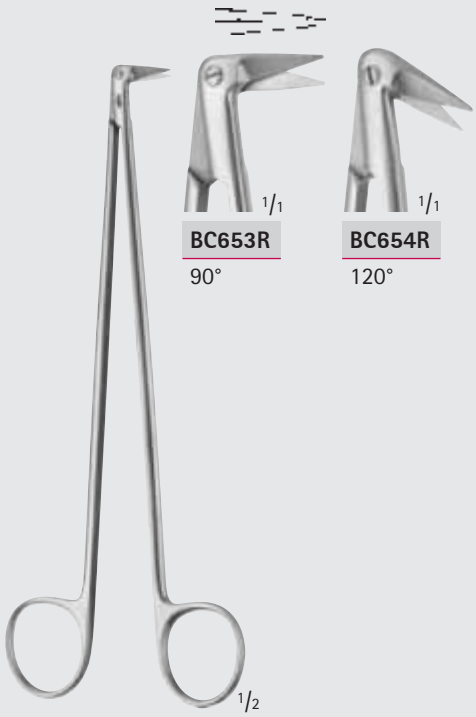


BC647R 25°
BC648R 45°
BC649R 60°

POTTS-DE MARTEL

BC647R–BC649R

185 mm, 7 1/4"



BC653R 90°
BC654R 120°

DIETHRICH

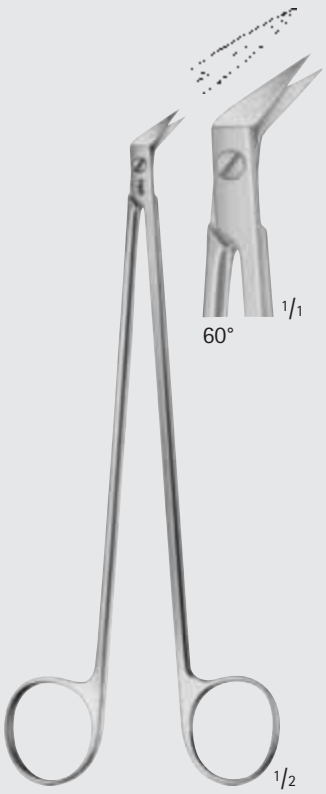
BC653R–BC654R

170 mm, 6 3/4"

POTTS-SMITH

BC646R

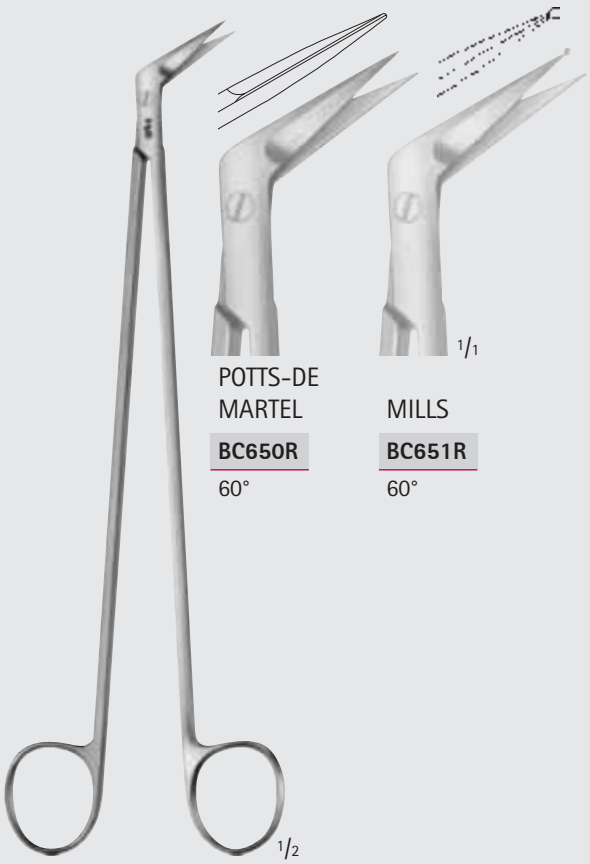
Gefäßschere
Cardiovascular scissors
180 mm, 7"



POTTS-SMITH

BC652R

Gefäßschere
Cardiovascular scissors
180 mm, 7"



POTTS-DE MARTEL

BC650R

60°

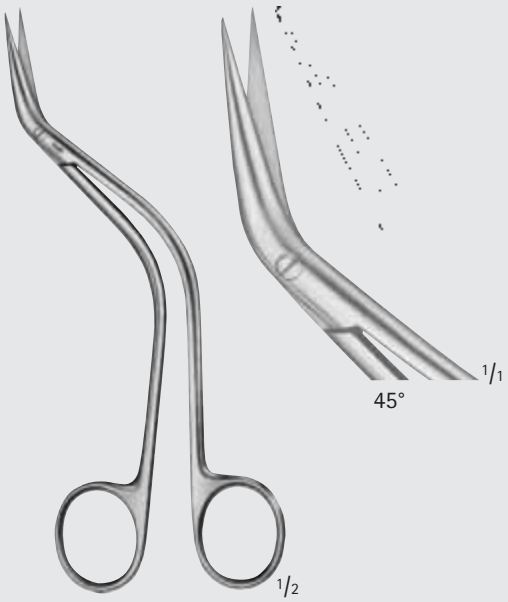
MILLS

BC651R

60°

BC650R–BC651R

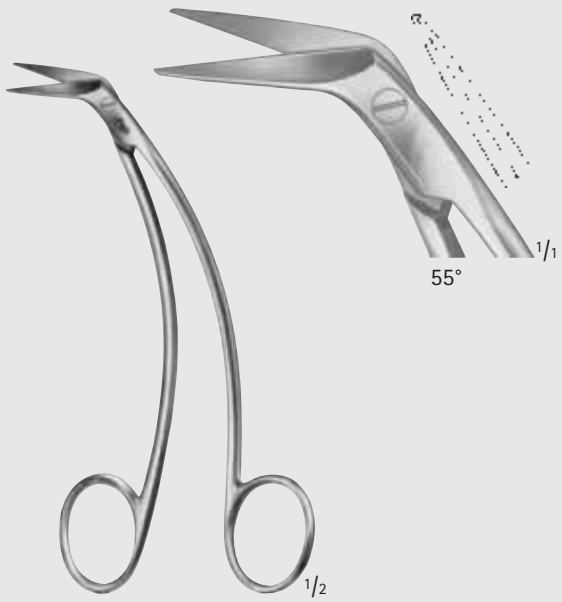
Gefäßscheren
Cardiovascular scissors
220 mm, 8 3/4"



DE BAKEY

BC669R

Offset-Schere, S-förmig
Offset scissors, s-shaped
155 mm, 6"



FAVOLORO

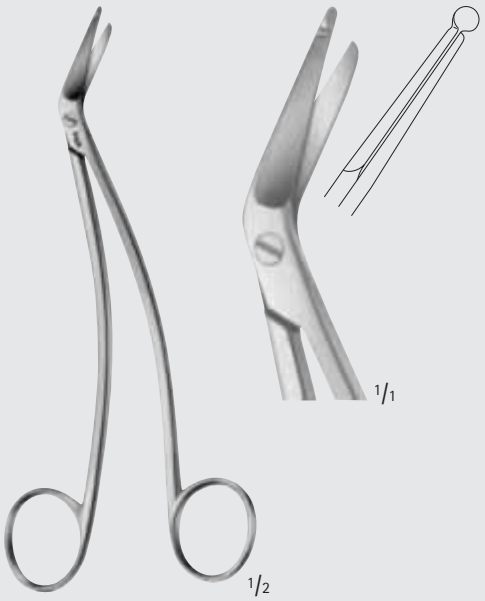
BC670R

Gefäßschere
Cardiovascular scissors
140 mm, 5 1/2"

Scheren – Scissors

Scheren für Gefäß- und Neurochirurgie

Scissors for Vascular and Neuro Surgery



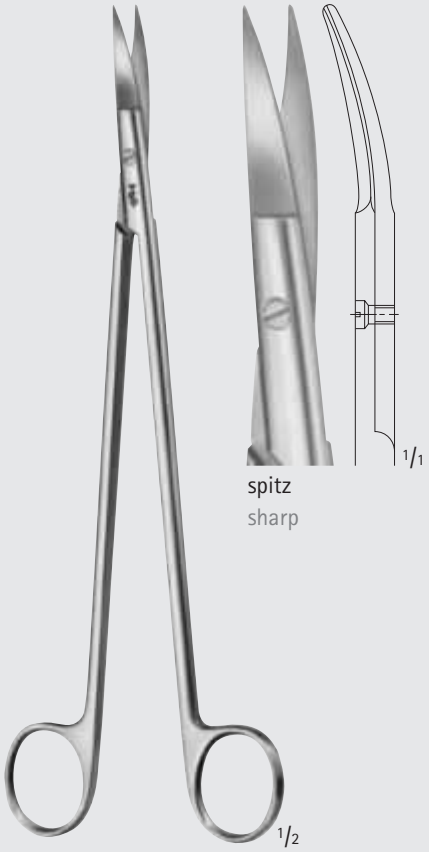
SCHMIEDEN-TAYLOR

BC660R

Duraschere

Dura scissors

155 mm, 6"



spitz

sharp

STRULLY

BC644R

Gefäßschere

Vascular scissors

220 mm, 8 3/4"

spitz/spitz

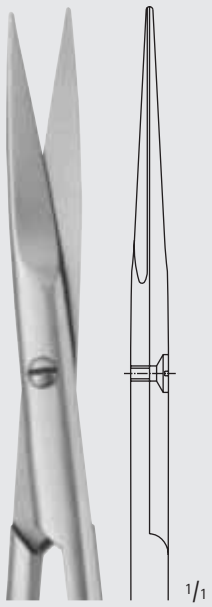
sharp/sharp

BC642R

Gefäßschere

Vascular scissors

225 mm, 9"

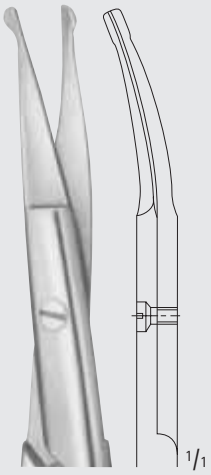


spitz/spitz
sharp/sharp

BARRÉ

BC715R

280 mm, 11"



geknöpft
probe pointed

STRULLY

BC645R

220 mm, 8 3/4"

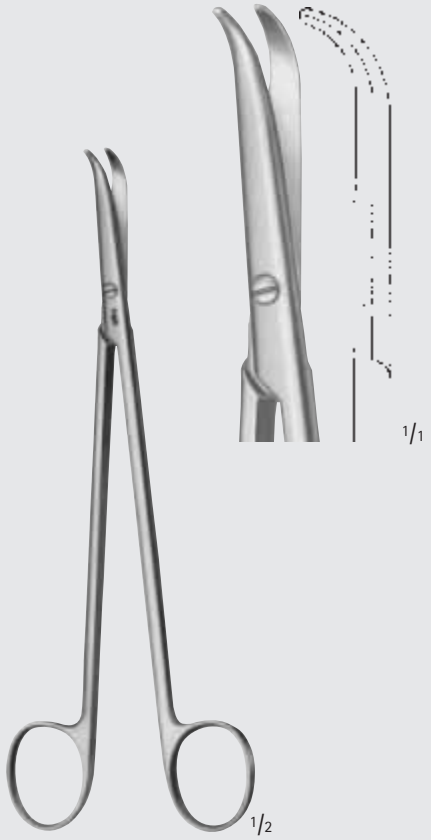
Scheren – Scissors

Scheren für die Gefäßchirurgie
Scissors for Vascular Surgery

BC658R	BC659R
gerade	gebogen
sehr fein	sehr fein
straight	curved
very	very
delicate	delicate

BC658R–BC659R

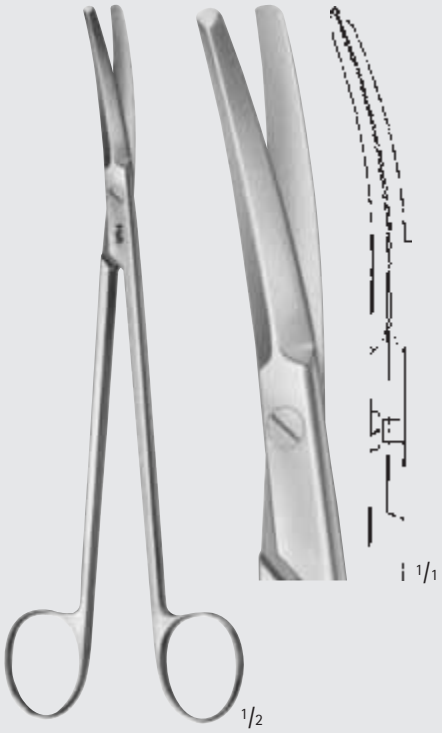
190 mm, 7 1/2"



THOREK

BC636R

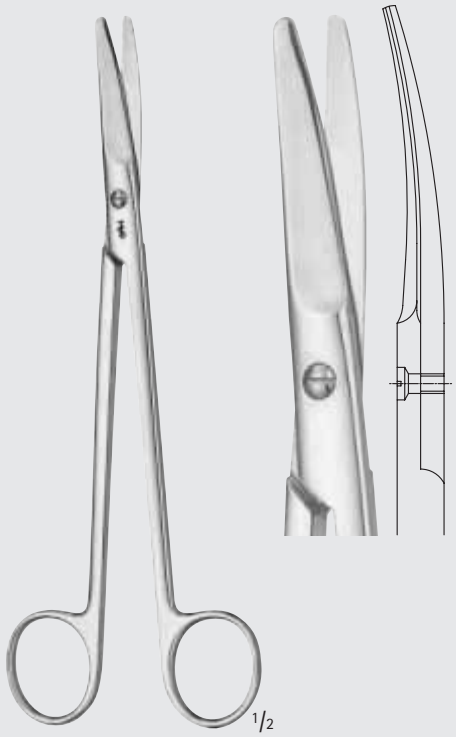
180 mm, 7"



POTTS-SMITH

BC643R

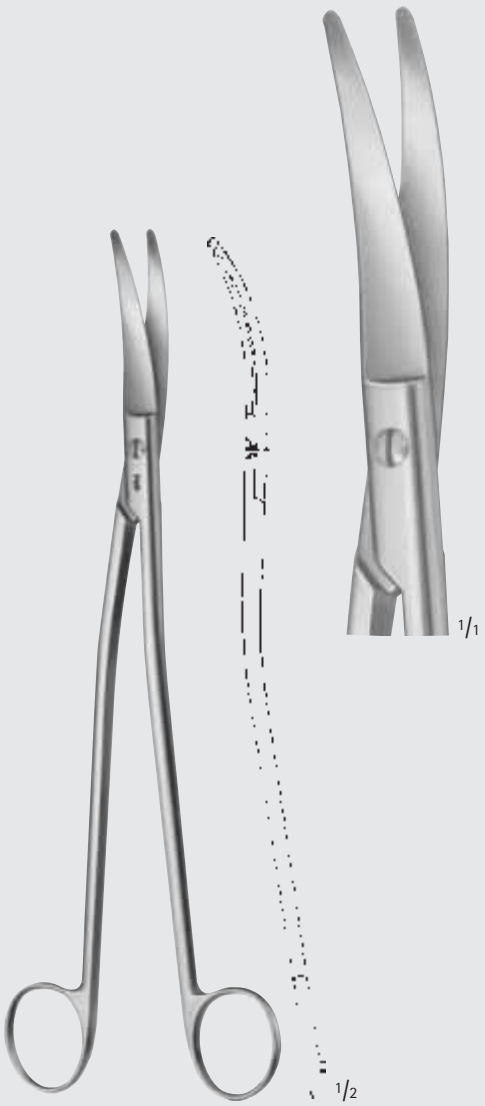
190 mm, 7 1/2"



COOLEY

BC597R

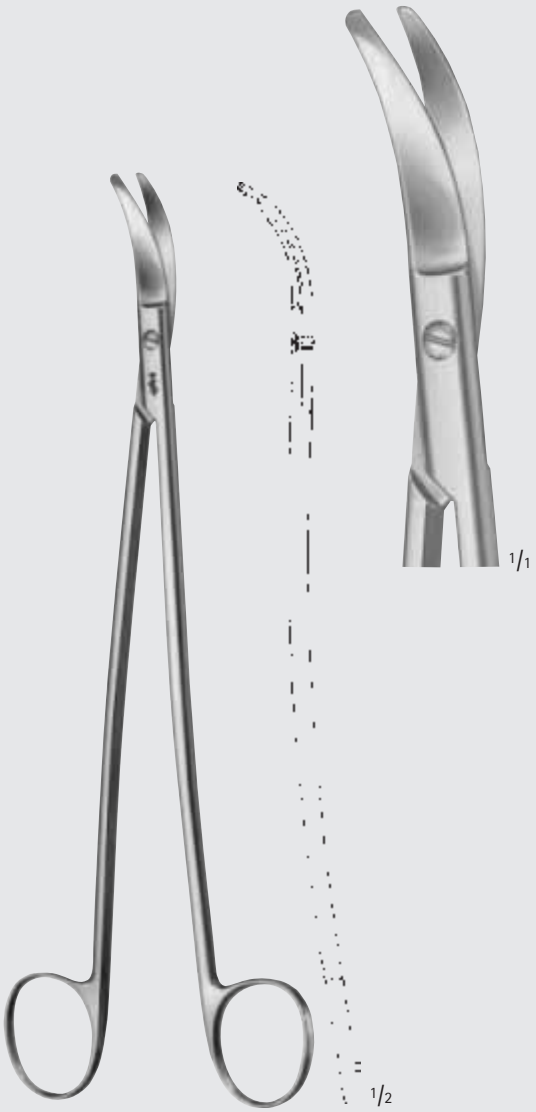
190 mm, 7 1/2"



KLINKENBERG-LOTH

BC640R

230 mm, 9″



SATINSKY

BC641R

245 mm, 9 3/4″

Scheren – Scissors

Knochenscheren

Bone Shears

KILLIAN

OP130R

200 mm, 8"

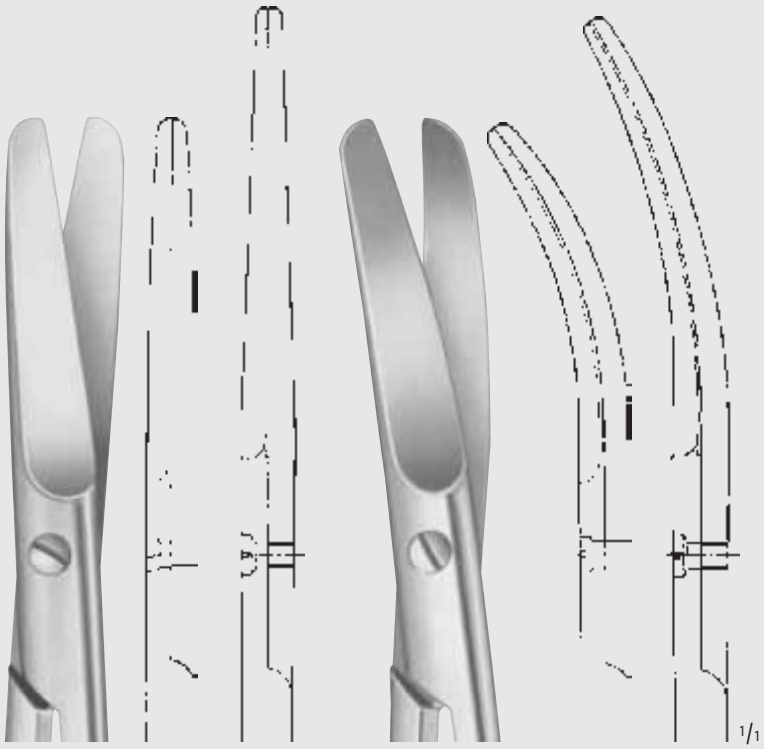
MÜHLING

FO216R

210 mm, 8 1/4"

SIMS

BC721R–BC743R



1/1

BC721R	BC723R
200 mm	230 mm
8"	9"

BC741R	BC743R
200 mm	230 mm
8"	9"

SIMS

BC746R–BC748R

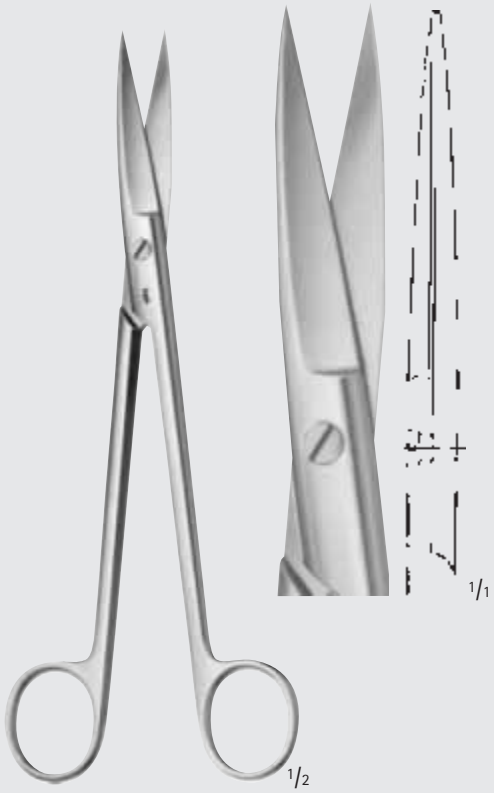
1/1

BC746R	BC748R
200 mm	230 mm
8"	9"

Scheren – Scissors

Scheren für Operation in der Tiefe und für Gynäkologie

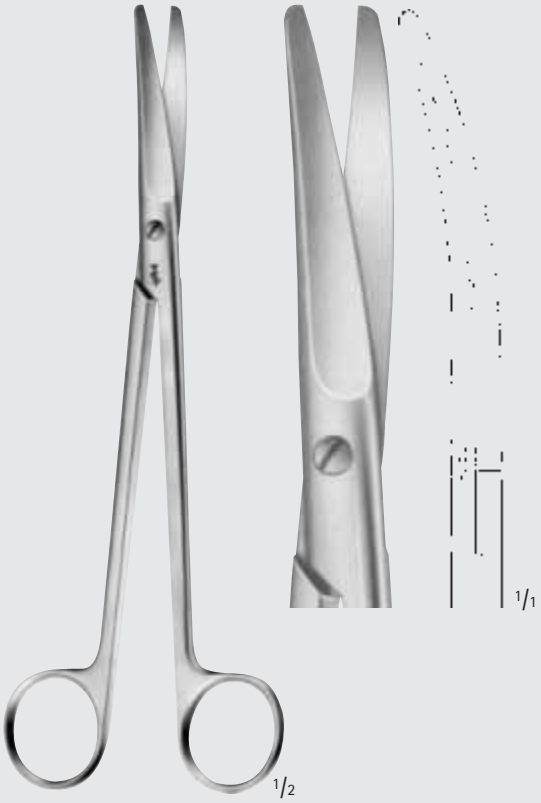
Scissors for Deep Operations and for Gynecology



SIMS

BC731R

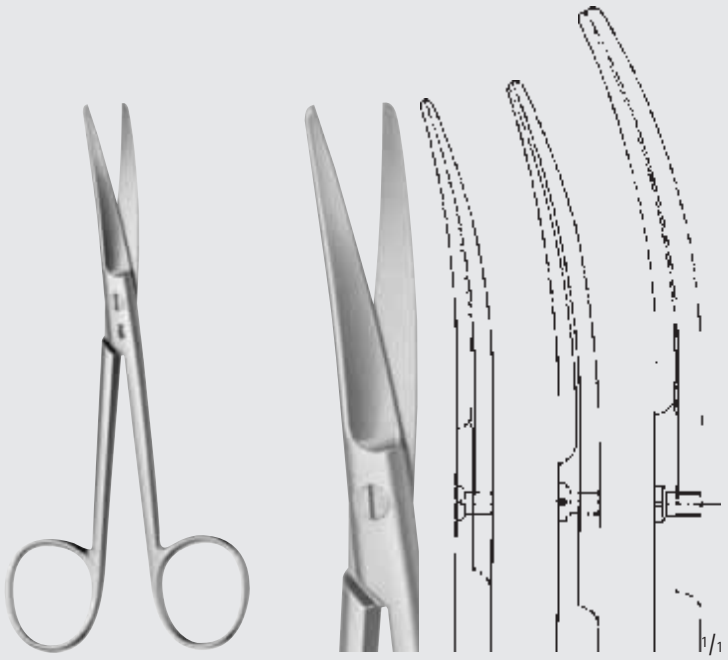
200 mm, 8"



SIMS

BC708R

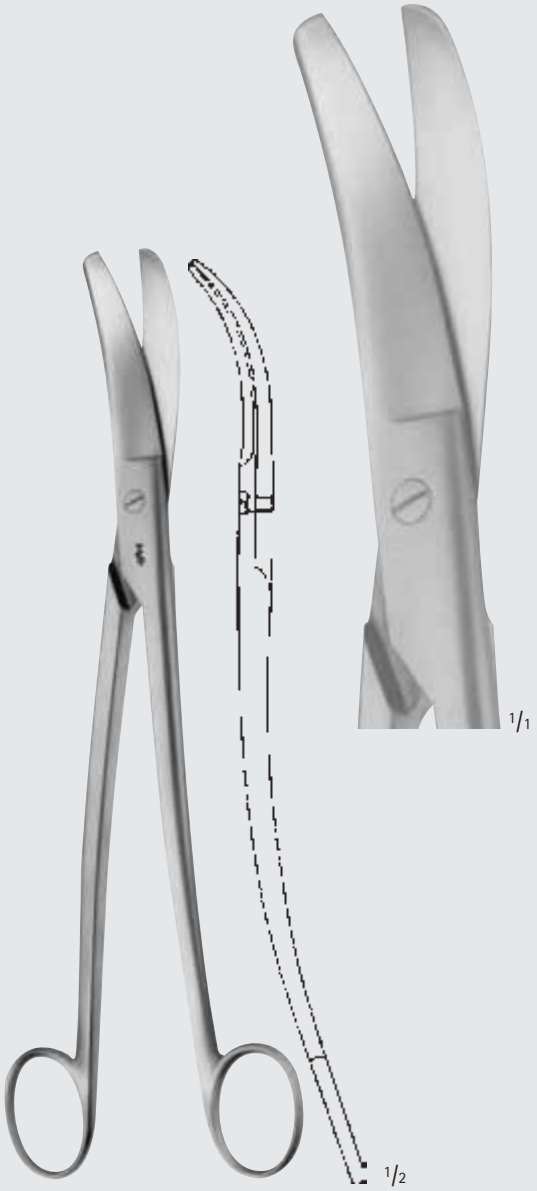
210 mm, 8 1/4"



WERTHEIM

BC702R-BC704R

BC702R	BC703R	BC704R
145 mm	200 mm	230 mm
5 3/4"	8"	9"



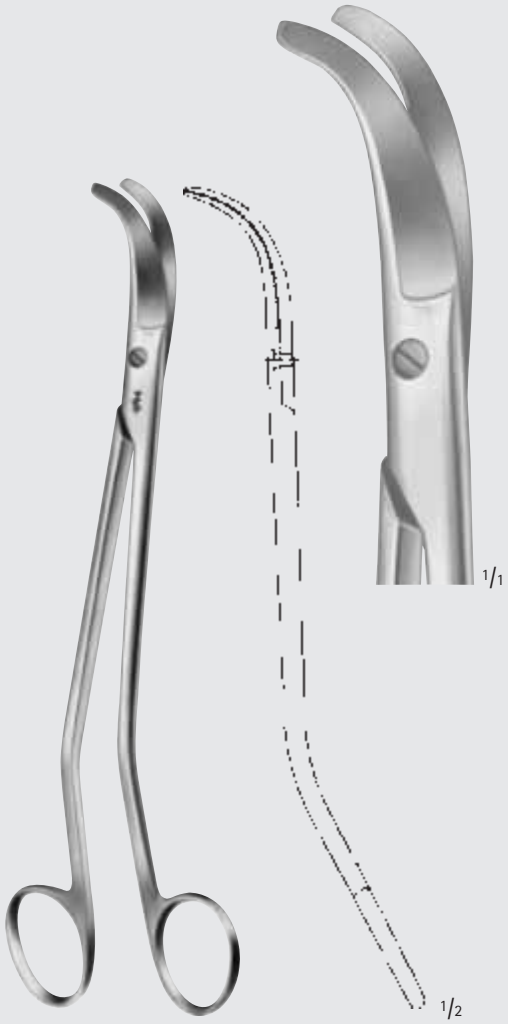
SIEBOLD

BC760R

Uterusschere

Uterine scissors

245 mm, 9 3/4"



BOZEMANN

BC761R

Uterusschere

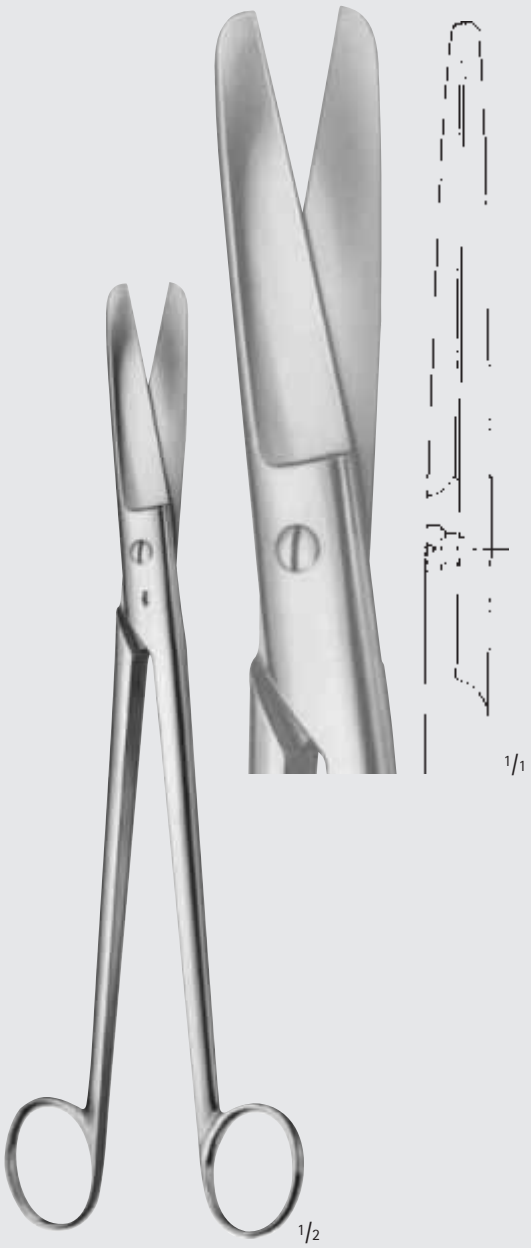
Uterine scissors

220 mm, 8 3/4"

Scheren – Scissors

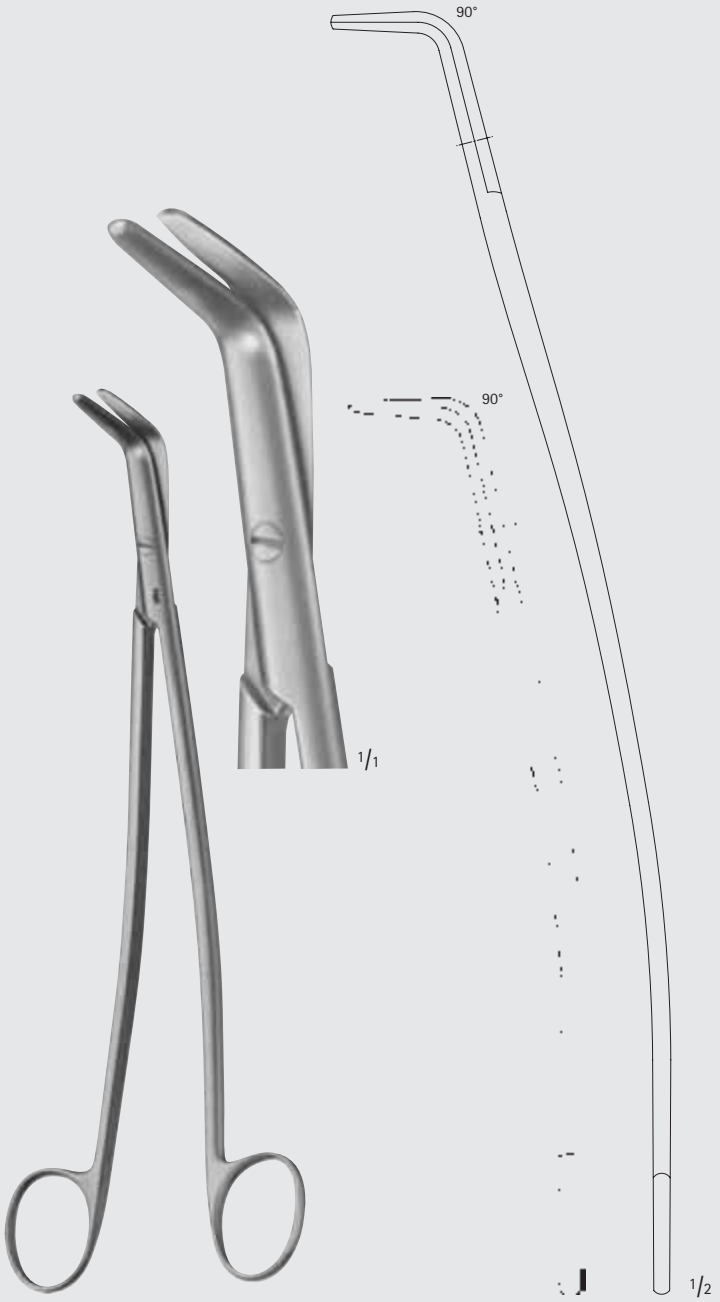
Scheren für Operation in der Tiefe und für Gynäkologie

Scissors for Deep Operations and for Gynecology



SIMS-SIEBOLD

BC762R
Uterusschere
Uterine scissors
250 mm, 10"



KIEBACK

BC763R-BC765R	
Parametriumscheren	
Parametrium scissors	
BC763R	**BC765R**
240 mm	350 mm
9 1/2"	14"

1/1

BC764R	BC766R
260 mm	350 mm
10 1/4"	9 1/2"

KIEBACK

BC764R–BC766R

Parametriumscheren, seitwärts gebogen, 1 Blatt mit Knopfspitze

Parametrium scissors, curved to side, with 1 probe pointed blade

Scheren – Scissors

Chirurgische Scheren, kräftige Modelle

Surgical Scissors, Heavy Patterns

BC771R

Bauchdeckenschere

Abdominal scissors

160 mm, 6 1/4"

BC774R

Bauchdeckenschere

Abdominal scissors

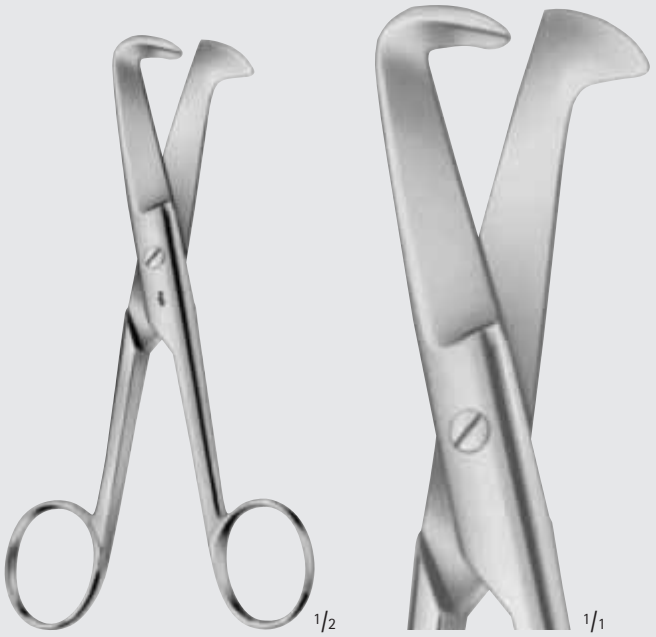
180 mm, 7"

BC772R–BC776R

Bauchdeckenscheren

Abdominal scissors

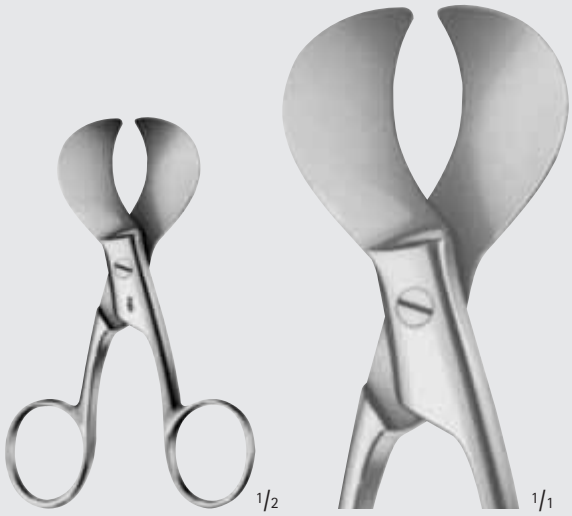
BC772R	BC776R
160 mm	180 mm
6 1/4"	7"



SCHUHMACHER

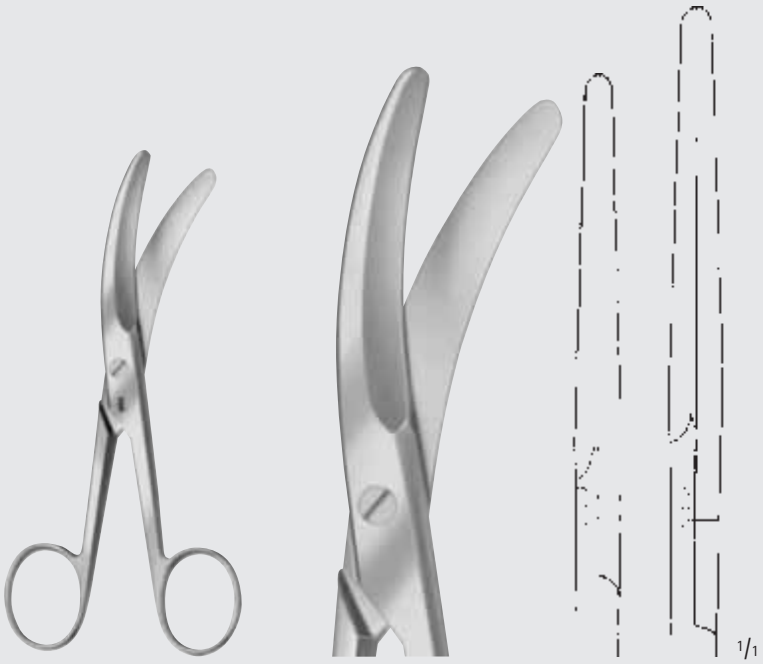
ET150R

Nabelschnurschere
Umbilical cord scissors
155 mm, 6"



ET152R

Nabelschnurschere
Umbilical cord scissors
105 mm, 4 1/8"



BC796R	BC797R
135 mm	160 mm
5 1/4"	6 1/4"

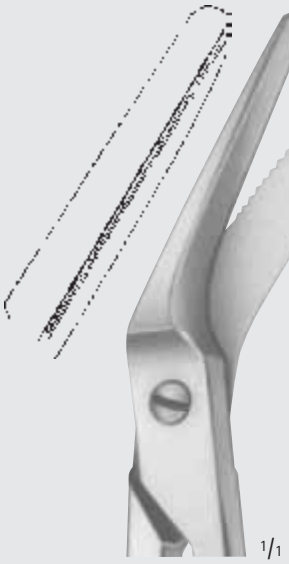
BC796R–BC797R

Nabelschnurscheren
Umbilical cord scissors

Scheren – Scissors

Scheren für Geburtshilfe

Scissors for Obstetrics



1/1

1/1

BRAUN-STADLER

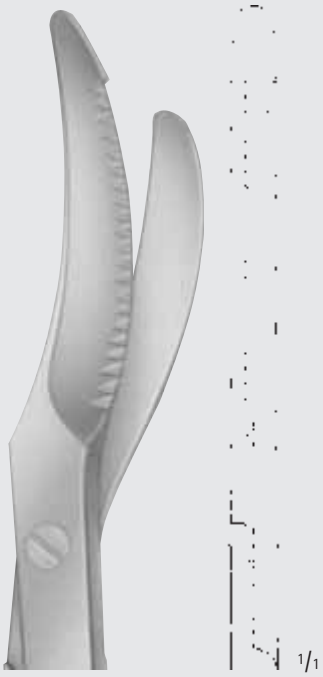
ET140R–ET141R

Dammscheren

Episiotomy scissors

ET140R	ET141R
145 mm	200 mm
5 3/4"	8"

1/2



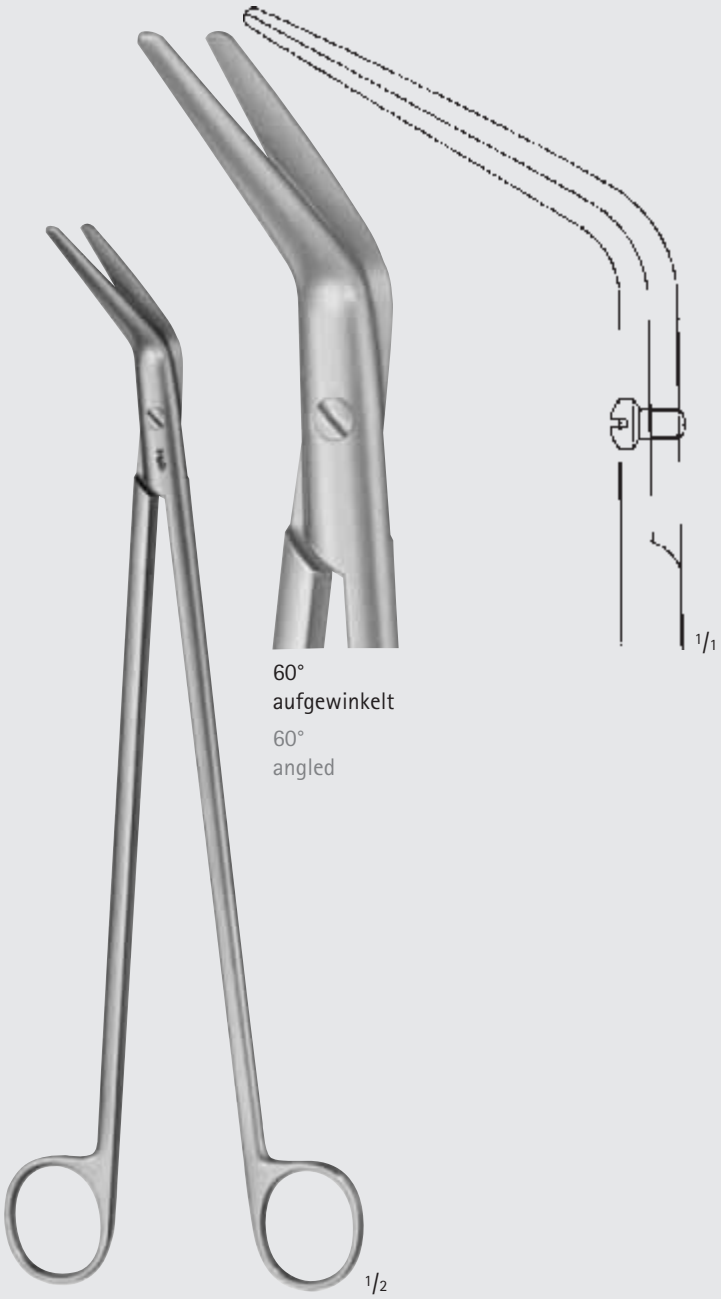
1/1

ET142R

Dammschere

Episiotomy scissors

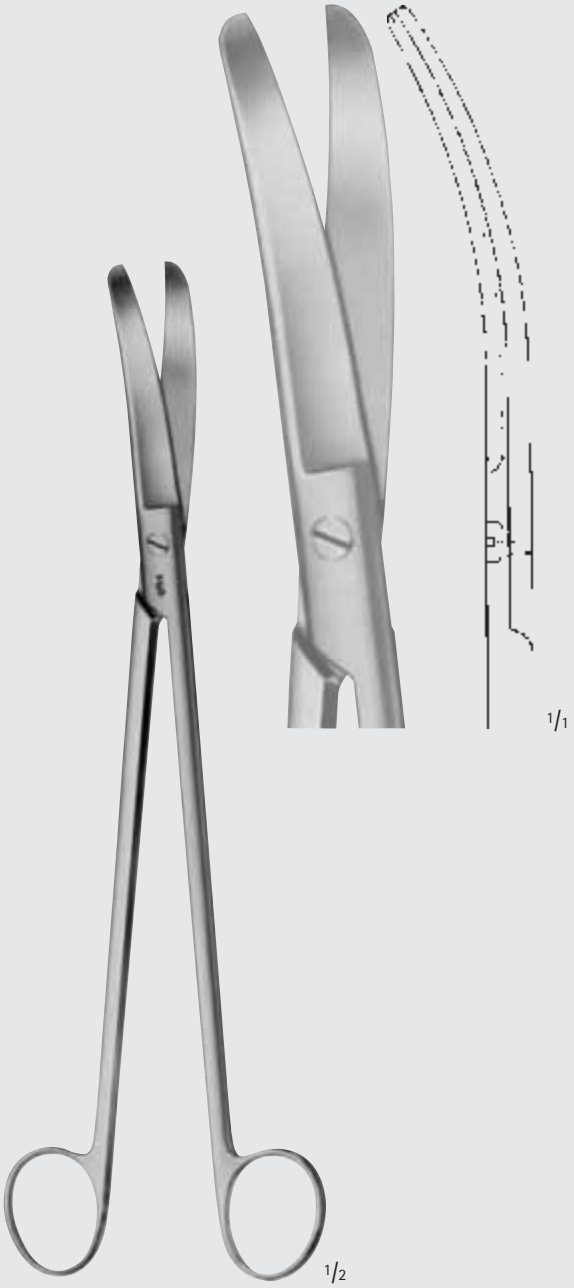
240 mm, 9 1/2"



60°
aufgewinkelt
60°
angled

BC624R

Präparierschere
zum Durchtrennen des Darms nach erfolgter Naht mit einem Naht-Gerät
Dissecting scissors
for cutting of the bowel after suturing with suture device
280 mm, 11"



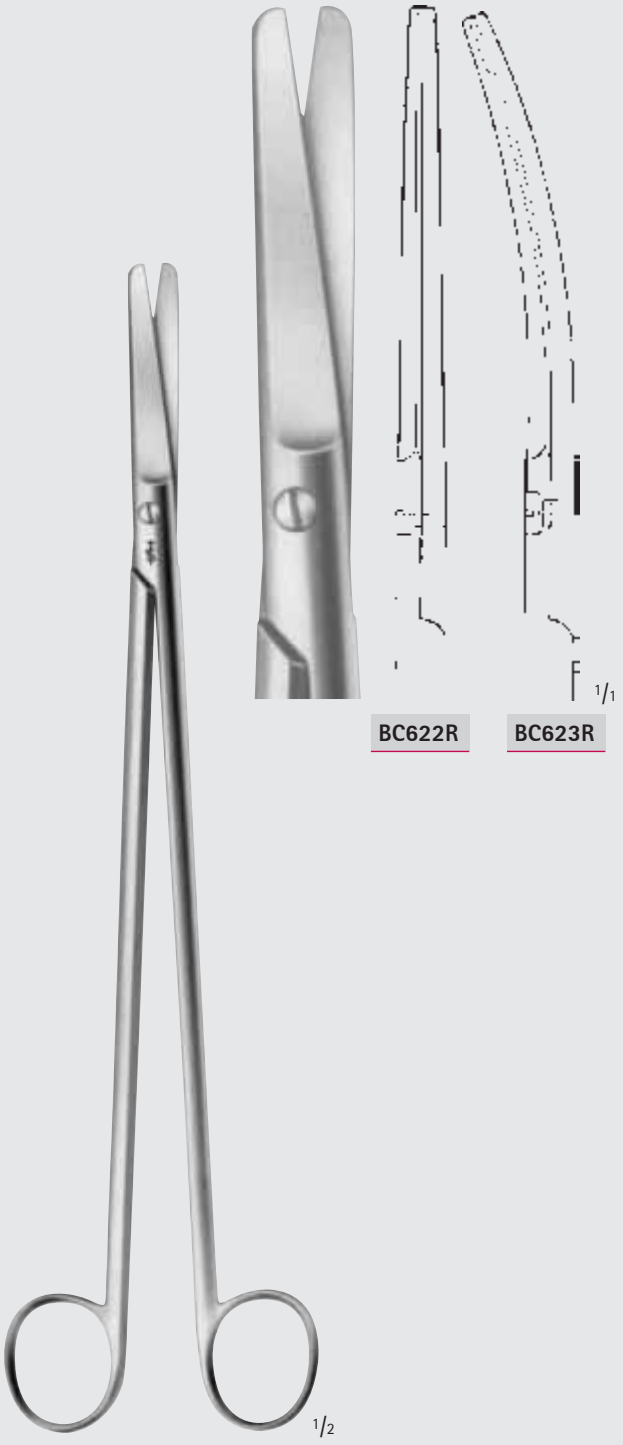
LLOYD-DAVIES (GOLIGHER'S)

BC621R

Rektumschere
Rectal scissors
270 mm, 10 3/4"

Scheren – Scissors

Rektumscheren
Rectal Scissors



BC622R **BC623R**

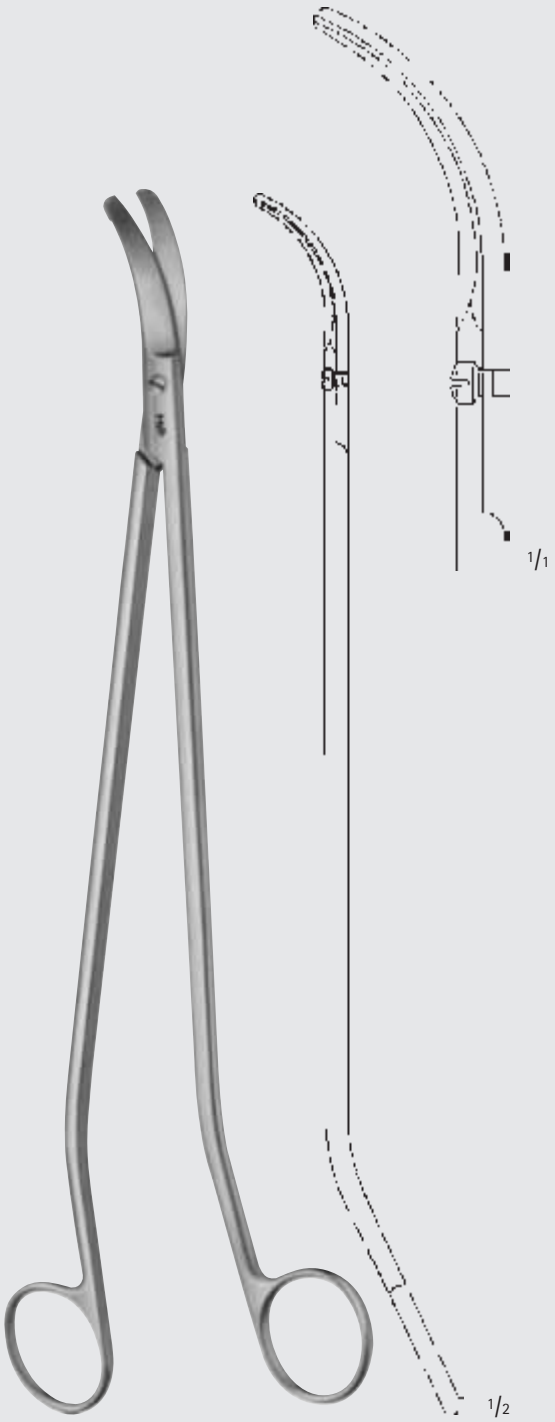
STELZNER

BC622R-BC623R

Rektumscheren
Rectal scissors
310 mm, 12 3/8"

BC617R

Rektumschere
Rectal scissors
325 mm, 13"



MÜLLER

BC627R

S-förmig
S-shaped
325 mm, 13"

Scheren – Scissors
Ligaturscheren
Ligature Scissors

BC801R	BC802R
90 mm	115 mm
3 1/2"	4 1/2"

SPENCER

BC801R–BC802R

BC803R

135 mm, 5 1/4"

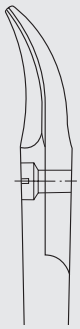
NORTHBENT

BC805R

120 mm, 4 3/4"

1/2

DP560R


DP561R

DP563R
breite Blätter
broad blades

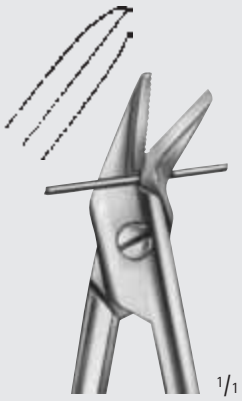
1/1
DP569R
1 Schneide gezahnt
1 blade serrated

BEEBE

DP560R–DP569R

110 mm, 4 3/8"

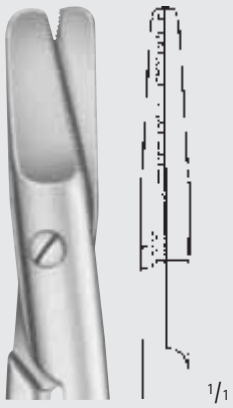
1/2


1/1
1 Schneide gezahnt
1 blade serrated

DP551R

120 mm, 4 3/4"

1/2

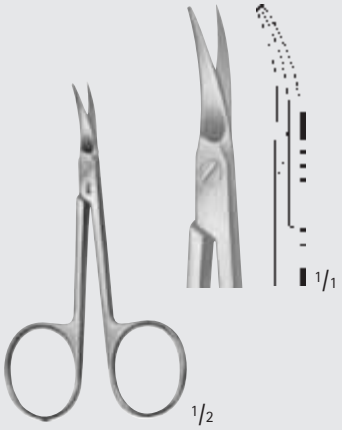

1/1
Schneiden gezahnt
Blades serrated

HARVEY

BC815R

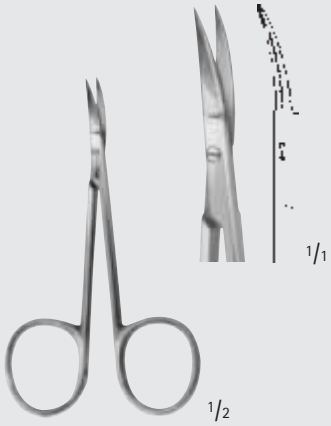
125 mm, 5"

Scheren – Scissors
Nagelscheren
Nail Scissors



HF400R

Nagelschere
Nail scissors
90 mm, 3 1/2"

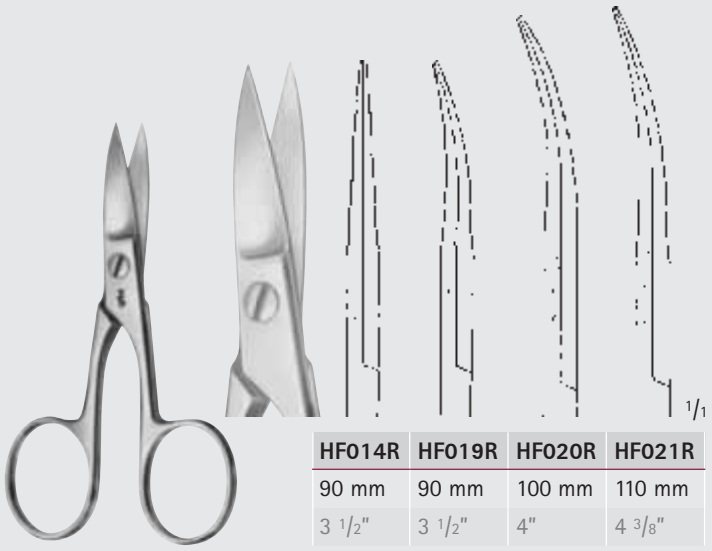


HF409R

Nagelschere,
extra feines Modell
Nail scissors,
especially delicate pattern
90 mm, 3 1/2"

HF032R

Baby-Nagelschere
Baby nail scissors
85 mm, 3 1/8"



HF014R	HF019R	HF020R	HF021R
90 mm	90 mm	100 mm	110 mm
3 1/2"	3 1/2"	4"	4 3/8"

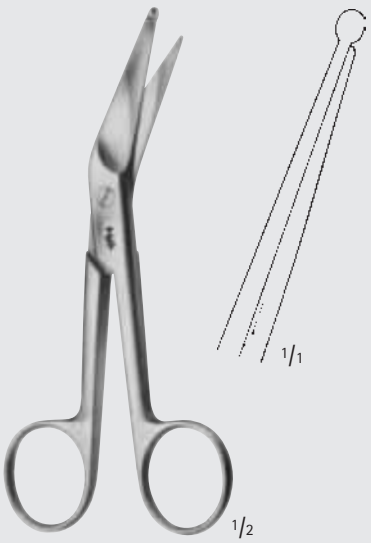
HF014R–HF021R

Nagelscheren
Nail scissors

HF028R	HF030R	HF031R
95 mm	95 mm	105 mm
3 3/4"	3 3/4"	4 1/8"

HF028R–HF031R

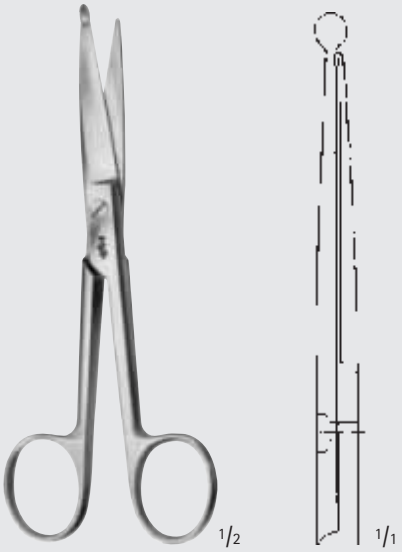
Nagelscheren
Nail scissors



KNOWLES

BC847R

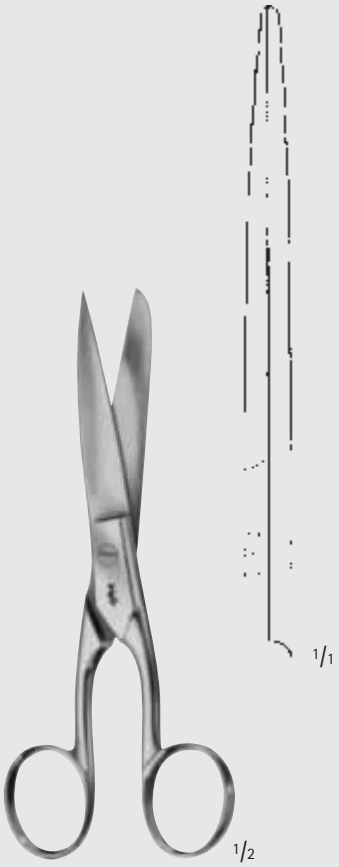
140 mm, 5 1/2"



KNOWLES

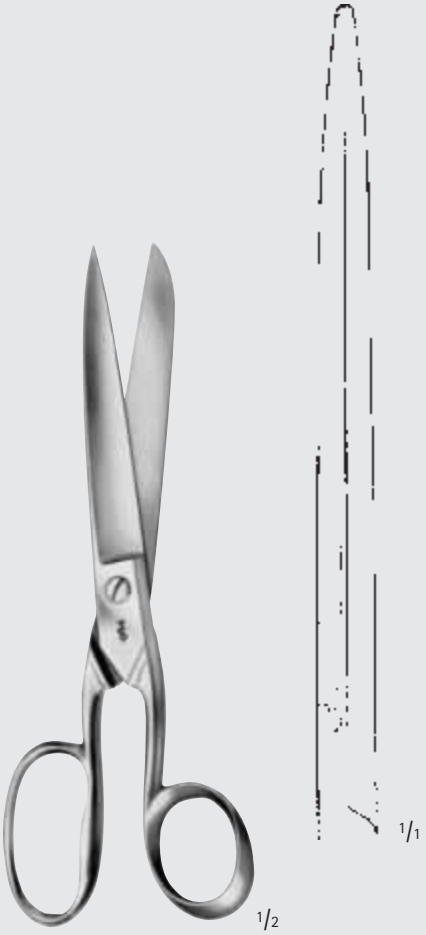
BC846R

145 mm, 5 3/4"



BC835R

150 mm, 6"



SMITH

BC838R

180 mm, 7"

Scheren – Scissors

Verband- und Kleiderscheren

Bandage- and Cloth Scissors

LISTER

BC885R–BC979R

BC885R	schwarz	black	**BC975R**	orange	orange
BC970R	rot	red	**BC977R**	pink	pink
BC971R	blau	blue	**BC978R**	hellgrün	light green
BC973R	gelb	yellow	**BC979R**	violett	violet

Universal Verband- und Kleiderstoffschere, mit gezahnten Schneiden, autoklavierbar bis 143 °C (3 bar)

Universal bandage- and cloth scissors, with toothed edges, autoclavable up to 143 °C (3 bar)

145 mm, 5 3/4"

BC881R–BC989R

BC881R	schwarz	black	**BC985R**	orange	orange
BC980R	rot	red	**BC987R**	pink	pink
BC981R	blau	blue	**BC988R**	hellgrün	light green
BC983R	gelb	yellow	**BC989R**	violett	violet

Universal Verband- und Kleiderstoffschere,mit gezahnten Schneiden,autoklavierbar bis 143 °C (3 bar)

Universal bandage- and cloth scissors,with toothed edges,autoclavable up to 143 °C (3 bar)

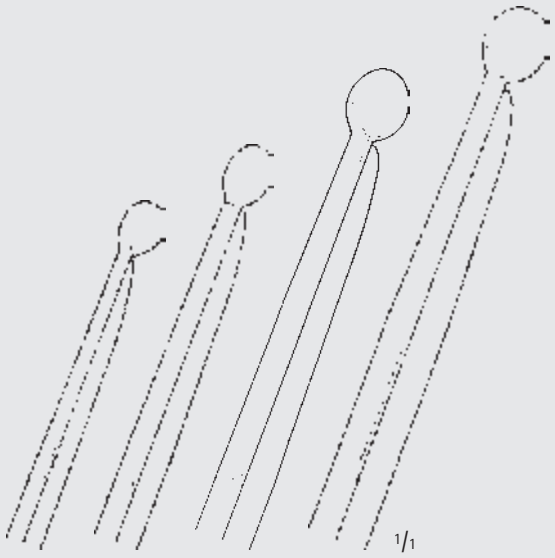
180 mm, 7"

BC890R

Schwesternschere, autoklavierbar bis 143°C (3 bar)

Nurse`s scissors, autoclavable up to 143°C (3 bar)

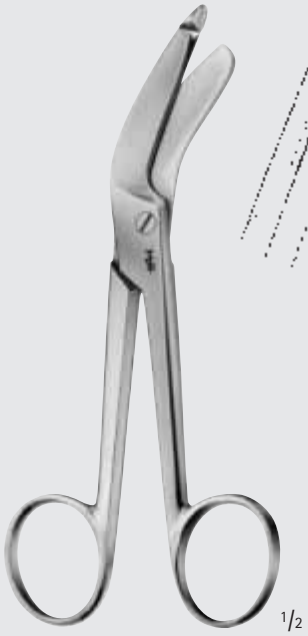
145 mm, 5 3/4"

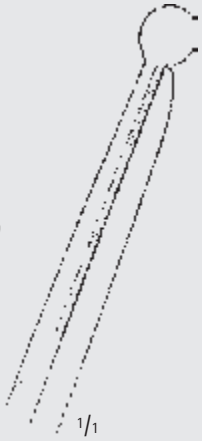


BC860R	BC861R	BC862R	BC863R
115 mm	140 mm	180 mm	200 mm
4 1/2"	5 1/2"	7"	8"

LISTER

BC860R–BC860R

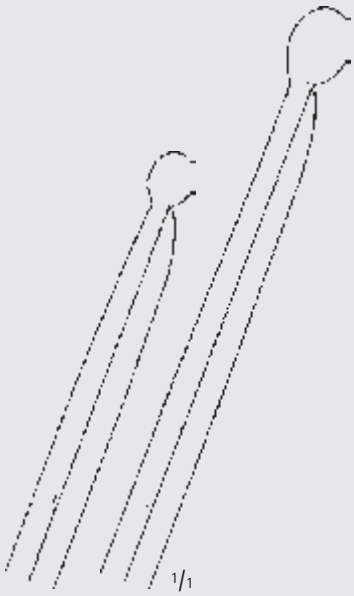




LISTER

BC876R

160 mm, 6 1/4"



BC848R	BC849R
155 mm	180 mm
6"	7"

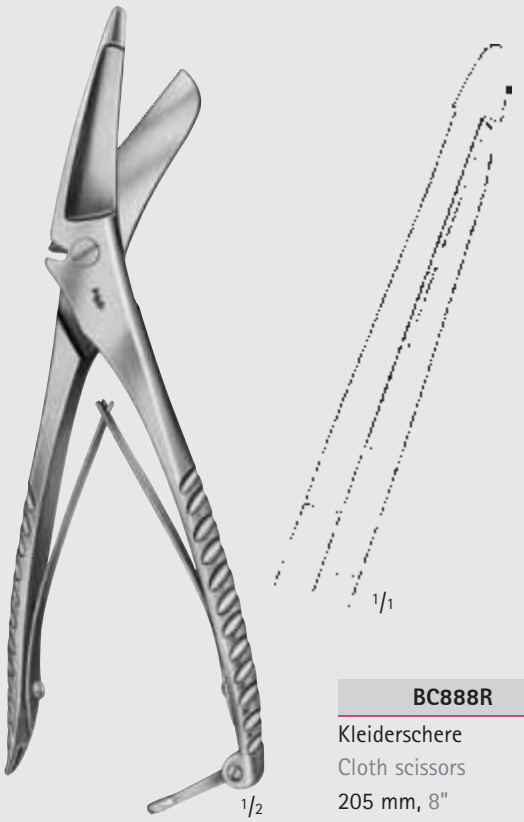
LISTER

BC848R–BC849R

Scheren – Scissors

Verbands-, Kleider- und Gipsscheren

Bandage-, Cloth- and Plaster Scissors



BC888R

Kleiderschere

Cloth scissors

205 mm, 8"

LX548R

für kleine Gipsverbände

for small plaster dressings

160 mm, 6 1/4"

SEUTIN

LX565R

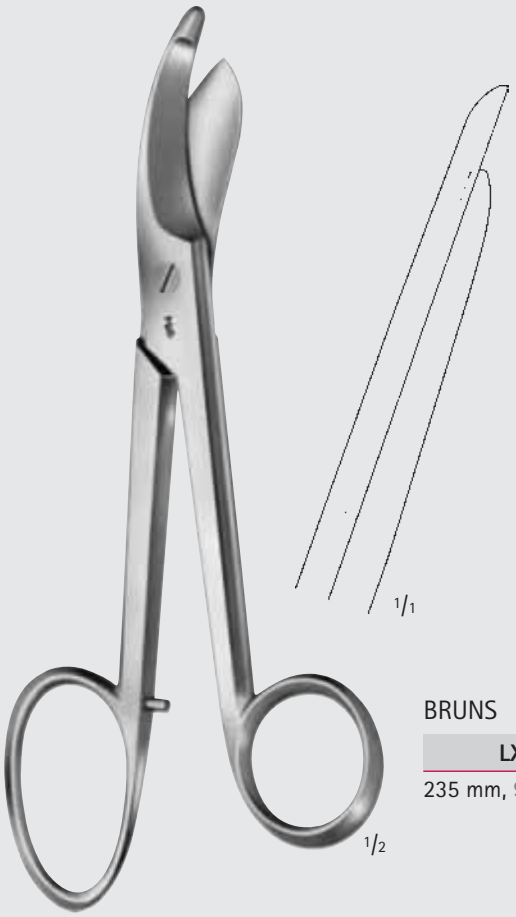
230 mm, 9"

LX550R	LX552R
200 mm	230 mm
8"	9"

ESMARCH

LX550R–LX552R

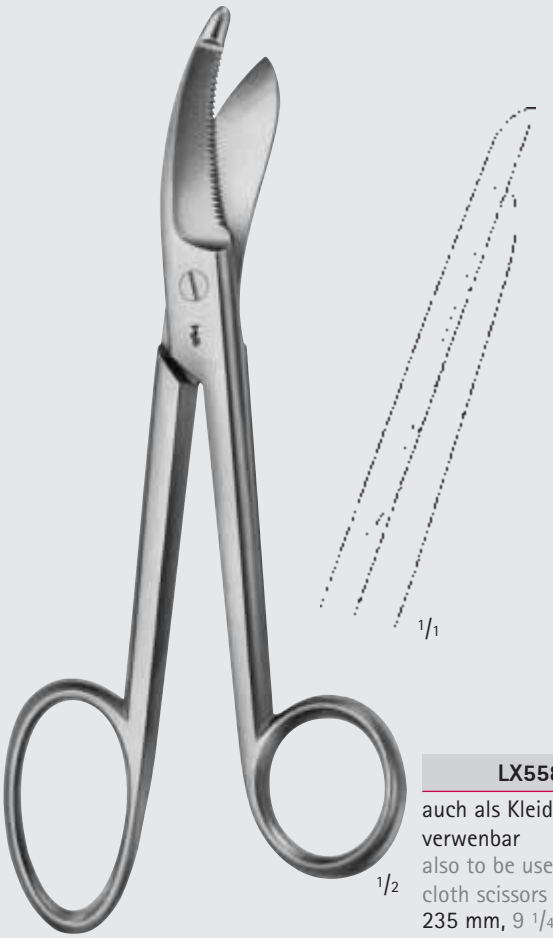
LX553R



BRUNS

LX556R

235 mm, 9 1/4"



LX558R

auch als Kleiderschere verwenbar
also to be used as cloth scissors
235 mm, 9 1/4"

INCHES

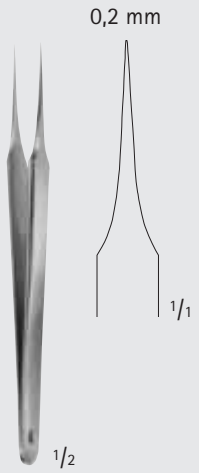
BD

Pinzetten
Dissecting- and Tissue Forceps

Pinzetten – Dissecting- and Tissue Forceps

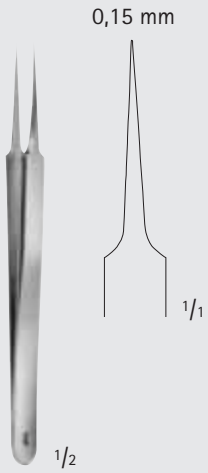
Mikro-Pinzetten, Uhrmacher Modelle

Micro Forceps, Jeweler Patterns



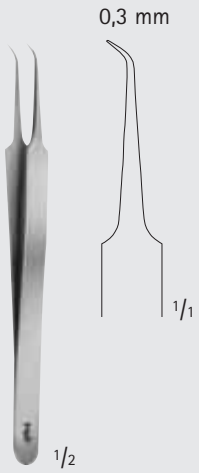
BD330R

110 mm, 4 3/8"



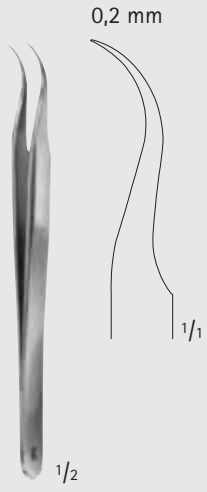
BD331R

110 mm, 4 3/8"



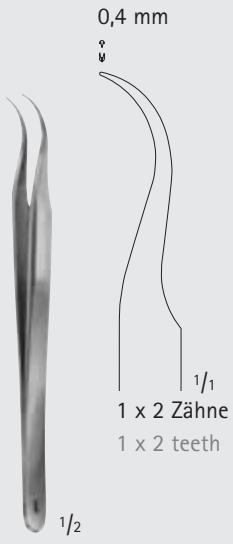
BD329R

110 mm, 4 3/8"



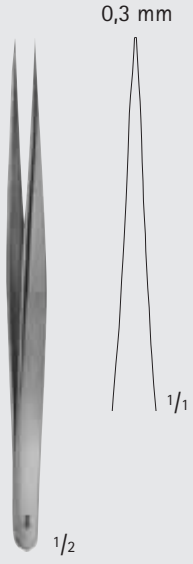
BD333R

115 mm, 4 1/2"



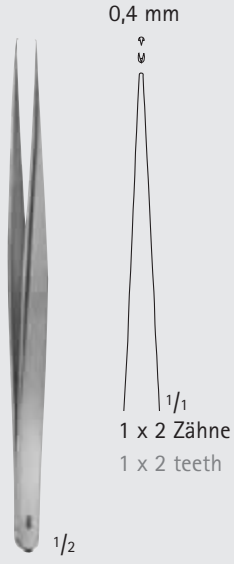
BD343R

115 mm, 4 1/2"



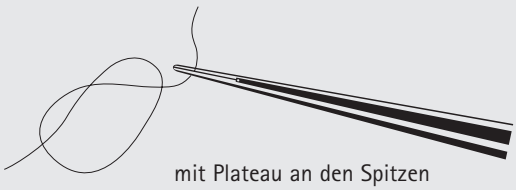
BD335R

135 mm, 5 1/4"

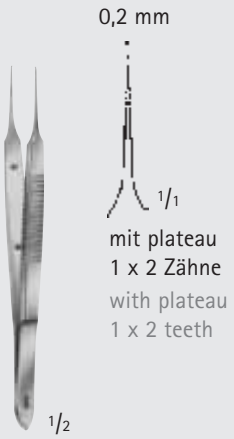


BD345R

135 mm, 5 1/4"



mit Plateau an den Spitzen
with plateau at the tips

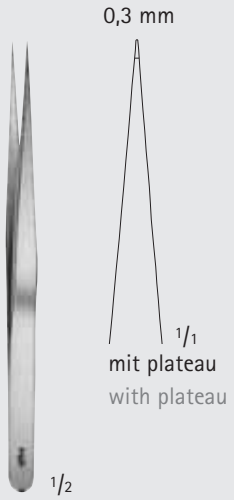


mit plateau
1 x 2 Zähne
with plateau
1 x 2 teeth

BONNER MODELL

BD505R

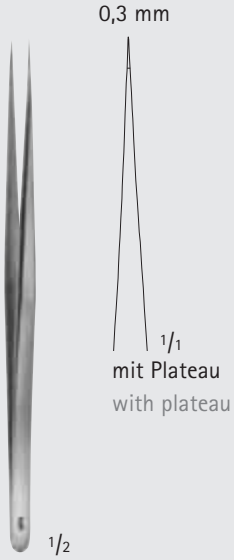
95 mm, 3 3/4"



mit plateau
with plateau

BD338R

120 mm, 4 3/4"

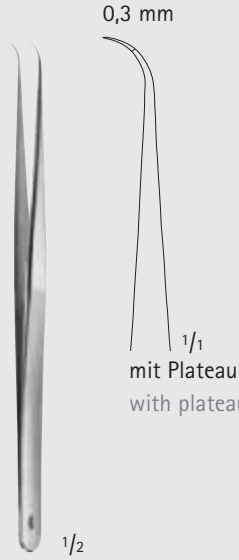


mit Plateau
with plateau

VISE

BD336R

135 mm, 5 1/4"



mit Plateau
with plateau

VISE

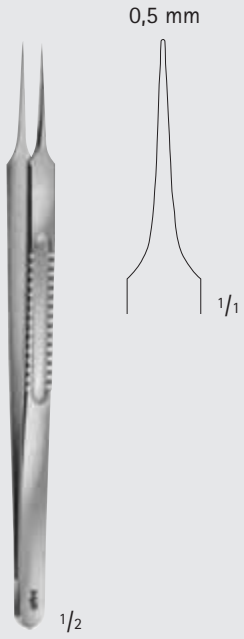
BD337R

135 mm, 5 1/4"

Pinzetten – Dissecting- and Tissue Forceps

Mikro-Knüpfpinzetten

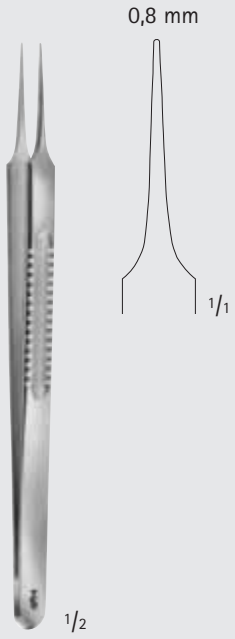
Mico Suture Tying Forceps



LAZAR

BD260R

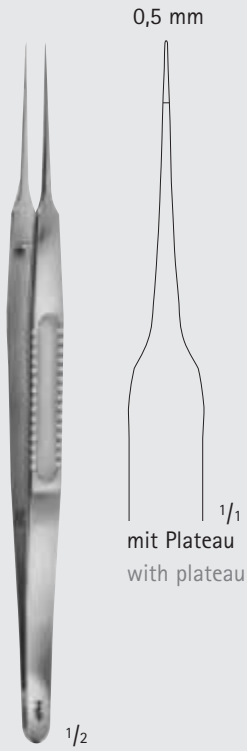
155 mm, 6"



LAZAR

BD261R

155 mm, 6"

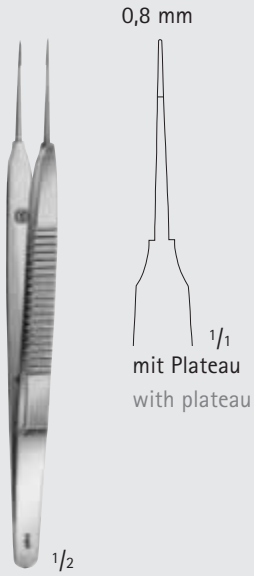


mit Plateau

with plateau

BD264R

185 mm, 7 1/4"



mit Plateau

with plateau

AUSTIN

BD340R

140 mm, 5 1/2"

Das MÜLLER Mikro-Instrumentarium
Ein neues, hochwertiges Set für die periphere Mikrochirurgie. Zahlreiche praxisbewährte Details führen zu mehr Effektivität und Sicherheit.

Unverkrampfte Haltung = mehr Feingefühl
Das leichte Kunststoffprofil vergrößert die Griffoberfläche, gewährleistet dadurch eine unverkrampfte Handhaltung und verleiht mehr Feingefühl.

Leichteres Drehen = erweiterter Arbeitsbereich
Der runde Griffquerschnitt ermöglicht leichtes, gleichmäßiges Drehen des Instrumentes. Verwendungs- bzw. Arbeitsbereich wird dadurch erweitert.

Sicherer Halt
Das griffige Noppenprofil gewährleistet einen durchweg sicheren Halt bei sämtlichen Bewegungsabläufen.

Optimales Handling
Eine Entwicklung nach ergonomischen Gesichtspunkten, verbunden mit dem geringen Gewicht der neuen Kunststoffgriffe schaffen die Voraussetzung zu ermüdungsfreiem Arbeiten und optimalem Handling.

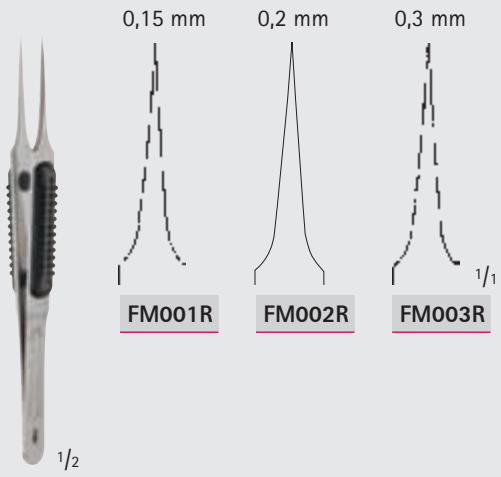
The MÜLLER Micro instrument system
A top quality set for peripheral microsurgery. Numerous details tried and tested in practice mean increased efficiency and safety.

Natural holding position = increased sensitivity
The light plastic profile increases the grip surface, thus guaranteeing a natural hand position without cramping and providing enhanced sensitivity.

Easier rotation = extended working area
The round grip cross section permits easy and uniform rotation of the instrument. This extends the application and working areas.

Safe grip
The easy grip studded profile guarantees a secure hold for all movements.

Optimum handling
Development in accordance with ergonomic criteria and the low weight of the new plastic grips provide fatiguefree working and optimum handling.

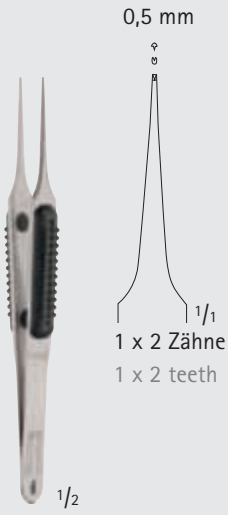


FM001R | **FM002R** | **FM003R**

MÜLLER

FM001R–FM003R

110 mm, 4 3/8"

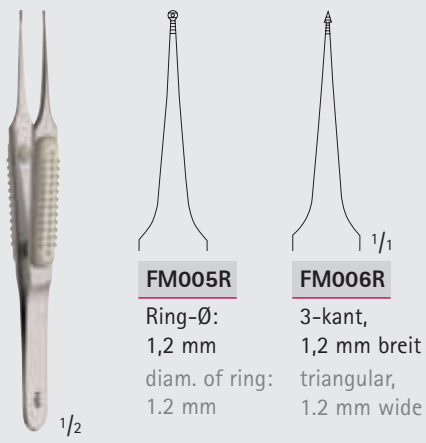


1 x 2 Zähne
1 x 2 teeth

MÜLLER

FM004R

110 mm, 4 3/8"



FM005R
Ring-Ø: 1,2 mm
diam. of ring: 1.2 mm

FM006R
3-kant, 1,2 mm breit
triangular, 1.2 mm wide

MÜLLER

FM005R–FM006R

110 mm, 4 3/8"

Pinzetten – Dissecting- and Tissue Forceps

Mikro-Pinzetten mit leichtem Kunststoffgriffprofil

Micro Forceps with Lightweight Plastic Handle

0,3 mm

FM033R

0,4 mm

1/1

FM036R

mit Plateau

with plateau

1/2

MÜLLER

FM033R-FM036R

160 mm, 6 1/4"

0,5 mm

1/1

1 x 2 Zähne

1 x 2 teeth

1/2

MÜLLER

FM034R

160 mm, 6 1/4"

1/1

Ring-Ø

1,2 mm

diam. of ring

1.2 mm

1/2

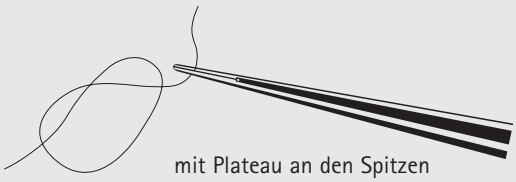
MÜLLER

FM035R

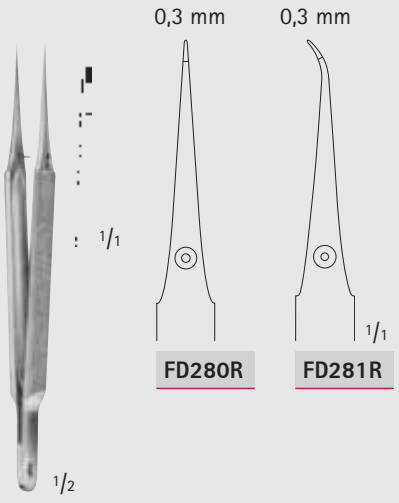
160 mm, 6 1/4"

... mit Rundgriffen
- Rundgriffe erlauben Drehbewegungen zwischen den Fingern.
- Optimale Balance, individuell je nach Instrument, durch volle oder gehöhlte Griffpartien.

... with round handles
- Round handles allow turning manipulations between the fingers.
- Optimum balance individually for each instrument due to solid or hollowed-out handles.

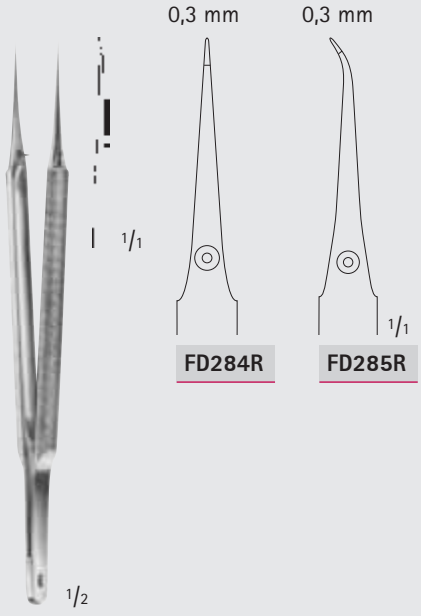


mit Plateau an den Spitzen
with plateau at the tips



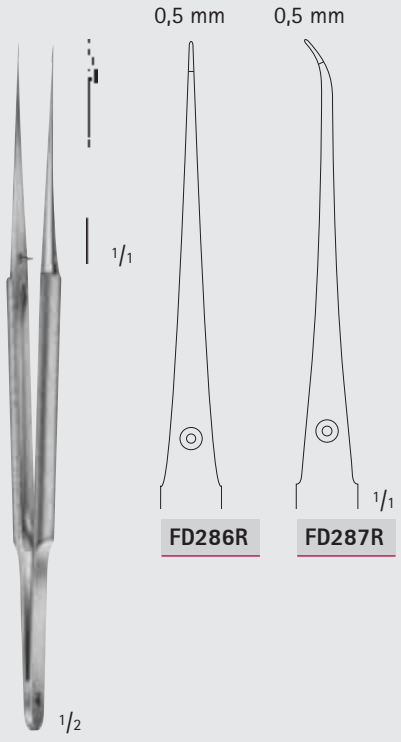
FD280R **FD281R**

FD280R–FD281R
120 mm, 4 3/4"



FD284R **FD285R**

FD284R–FD285R
150 mm, 6"



FD286R **FD287R**

FD286R–FD287R
180 mm, 7"

Pinzetten – Dissecting- and Tissue Forceps

Mikro-Pinzetten mit Rundgriff und Gewicht

Micro Forceps with Round Handles and Counter Balance

1/1
150 mm, 6"

1/1
185 mm, 7 1/4"

1/1
210 mm, 8 1/4"

1/1
230 mm, 9"

1/1
250 mm, 10"

Pinzetten – Dissecting- and Tissue Forceps

Mikro-Pinzetten mit Rundgriff und Gewicht

Micro Forceps with Round Handles and Counter Balance

DIADUST

Die Diamantstaubbeschichtung sorgt für eine noch härtere und verschleißfestere Maulinnenfläche. Darüber hinaus garantiert die Struktur der DIADUST-Beschichtung ein zuverlässiges Fassen von feinen Nadeln und Nahtmaterialien sowie von Weichgewebe.

The diamond dust coating ensures an even harder and more wear resistant surface on the inside of the jaws. Moreover, the structure of the DIADUST coating guarantees a reliable grip for fine needles and sutures, as well as for tissue.

Maulform Jaw	Ring-Ø: 1 mm, gerade diam. of ring: 1 mm, straight	Ring-Ø: 1 mm, gebogen diam. of ring: 1 mm, curved	Ring-Ø: 2 mm, gerade diam. of ring: 2 mm, straight	Fadenplatte, gerade Platform tips, straight	Fadenplatte, gebogen Platform tips, curved	1 mm, DeBakey Zahnung 1 mm, DeBakey tip
Länge (mm) Length (in.)						
150 mm 6"	FM570R	FM571R		FM578R	FM581R	
185 mm 7 1/4"	FM572R	FM573R	FM579R	FM580R	FM583R	FM592R
210 mm 8 1/4"	FM574R	FM575R		FM599R	FM585R	FM600R
230 mm 9"	FM576R	FM577R				
250 mm 10"	FM596R	FM595R		FM594R	FM593R	

Pinzetten – Dissecting- and Tissue Forceps

Mikro-Pinzetten mit Rundgriff, ohne Gewicht

Micro Forceps with Round Handles, without Counter Balance

1/1
185 mm, 7 1/4"

1/1
210 mm, 8 1/4"

DIADUST

Die Diamantstaubbeschichtung sorgt für eine noch härtere und verschleißfestere Maulinnenfläche. Darüber hinaus garantiert die Struktur der DIADUST-Beschichtung ein zuverlässiges Fassen von feinen Nadeln und Nahtmaterialien sowie von Weichgewebe.

The diamond dust coating ensures an even harder and more wear resistant surface on the inside of the jaws. Moreover, the structure of the DIADUST coating guarantees a reliable grip for fine needles and sutures, as well as for tissue.

Maulform Jaw	Ring-Ø: 1 mm, gerade diam. of ring: 1 mm, straight	Ring-Ø: 1 mm, gebogen diam. of ring: 1 mm , curved	Ring-Ø: 1 mm mit Fadenplatte diam. of ring: 1 mm with platform tip	Fadenplatte, gerade Platform tip, straight	1 mm, DeBakey Zahnung 1 mm, DeBakey tip
Länge (mm) Length (in.)					1/1
185 mm 7 1/4"	FM597R	FM587R	FM582R	FM586R	FM590R
210 mm 8 1/4"	FM598R	FM589R	FM584R	FM588R	FM591R

Pinzetten – Dissecting- and Tissue Forceps

Mikro-Pinzetten mit Flachgriff

Micro Forceps with Flat Handle

1/1
180 mm, 7"

1/1
200 mm, 8"

1/1
250 mm, 10"

DIADUST

Die Diamantstaubbeschichtung sorgt für eine noch härtere und verschleißfestere Maulinnenfläche. Darüber hinaus garantiert die Struktur der DIADUST-Beschichtung ein zuverlässiges Fassen von feinen Nadeln und Nahtmaterialien sowie von Weichgewebe.

The diamond dust coating ensures an even harder and more wear resistant surface on the inside of the jaws. Moreover, the structure of the DIADUST coating guarantees a reliable grip for fine needles and sutures, as well as for tissue.

Maulform Jaw	1 mm, Karoprofil 1 mm, cross serrated	1 mm, DeBakey Zahnung 1 mm, DeBakey tip	Ring-Ø: 1 mm, gerade diam. of ring: 1 mm, straight	Ring-Ø: 1 mm, gebogen diam. of ring: 1 mm, curved	1 mm, gerade 1 mm, straight
Länge (mm) Length (in.)					1/1
180 mm 7"	BD190R	BD191R	BD192R	BD193R	BD194R
200 mm 8"		BD195R			BD196R
250 mm 10"	BD197R				

Pinzetten – Dissecting- and Tissue Forceps

Mikro-Pinzetten
Micro Forceps

1/1
Karoprofil
cross serrated

1/2

FM063R
Rundgriff
round handle
200 mm, 8"

DIADUST

FM053R
Ring-Ø: 2,5 mm
diam. of ring: 2.5 mm
180 mm
7"

1/1

FM054R
Ring-Ø: 2,5 mm
diam. of ring: 2.5 mm
200 mm
8"

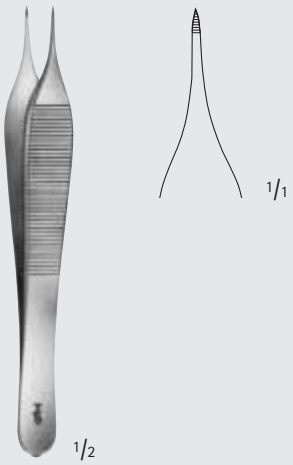
FM053R–FM054R
Rundgriff
round handle

DIADUST

1/1
mit Plateau
with platform tip

1/2

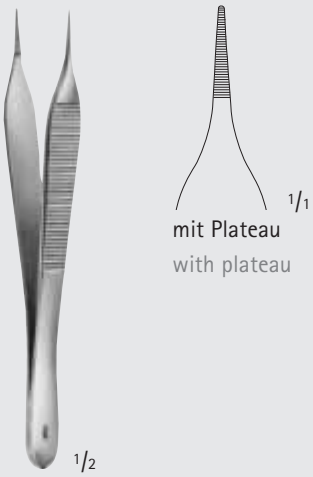
FD253R
Rundgriff
round handle
180 mm, 7"



THORPE

OC069R

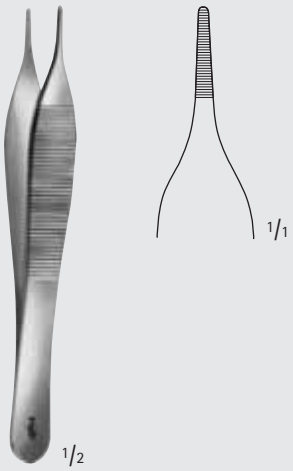
Hornhautpinzette
Corneal forceps
120 mm, 4 3/4"



MICRO-ADSON

BD220R

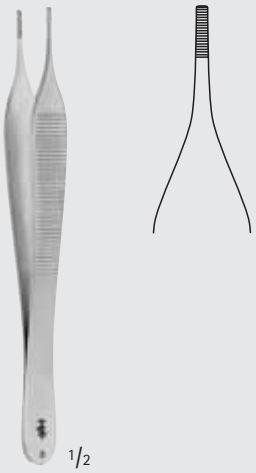
120 mm, 4 3/4"



ADSON

BD222R

120 mm, 4 3/4"



HUDSON

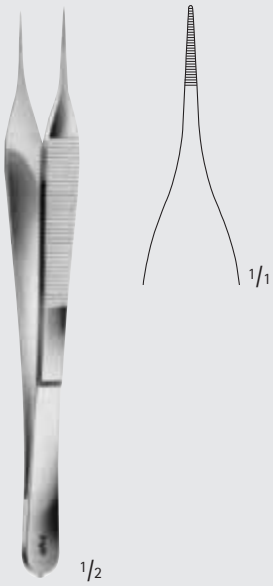
BD225R

125 mm, 5"

Pinzetten – Dissecting- and Tissue Forceps

Feine anatomische Pinzetten

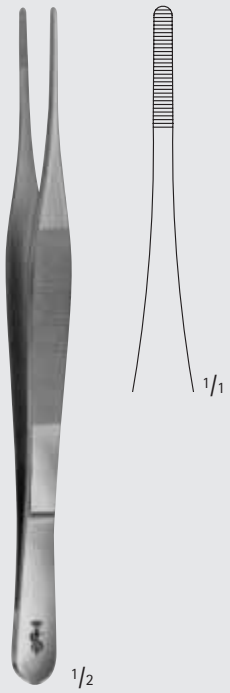
Delicate Dissecting Forceps



MICRO-ADSON

BD223R

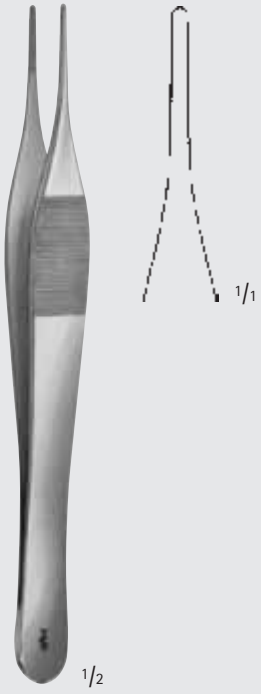
150 mm, 6"



ADSON

BD224R

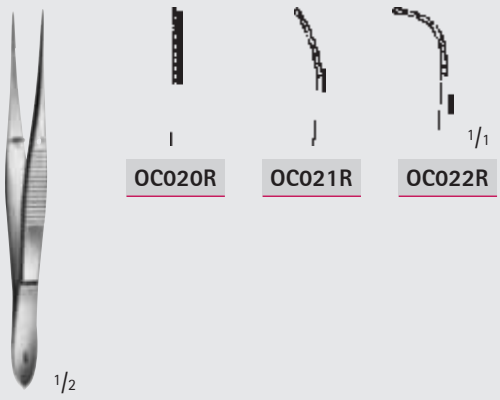
180 mm, 7"



JEFFERSON

BD226R

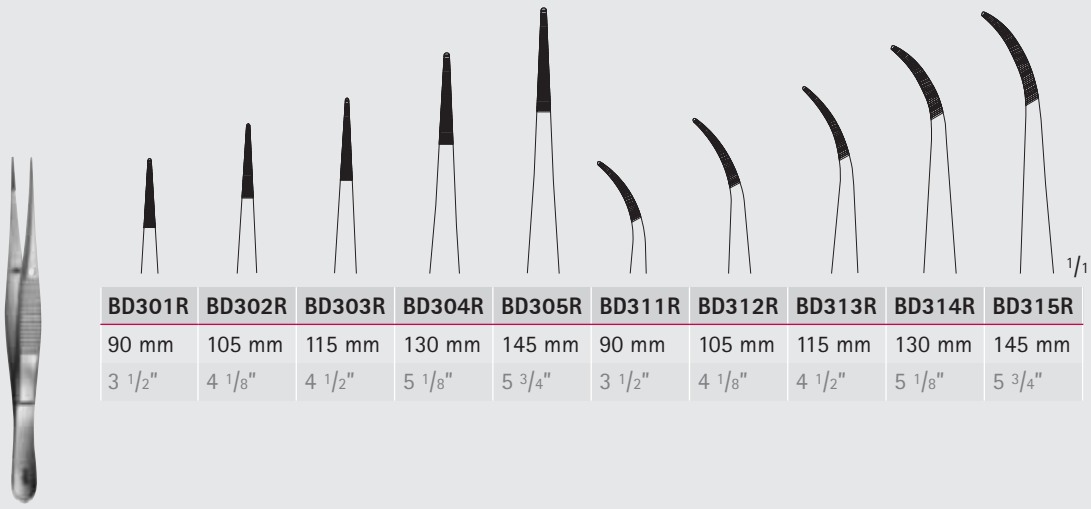
180 mm, 7"



OC020R **OC021R** **OC022R**

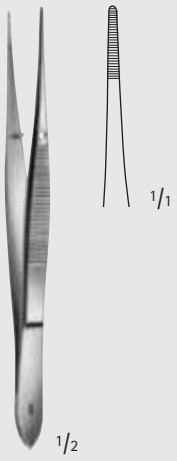
OC020R-OC022R

100 mm, 4"



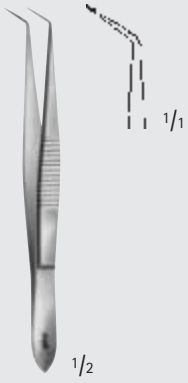
BD301R	BD302R	BD303R	BD304R	BD305R	BD311R	BD312R	BD313R	BD314R	BD315R
90 mm	105 mm	115 mm	130 mm	145 mm	90 mm	105 mm	115 mm	130 mm	145 mm
3 1/2"	4 1/8"	4 1/2"	5 1/8"	5 3/4"	3 1/2"	4 1/8"	4 1/2"	5 1/8"	5 3/4"

BD301R–BD315R



BD210R
115 mm, 4 1/2"

BD320R
100 mm, 4"



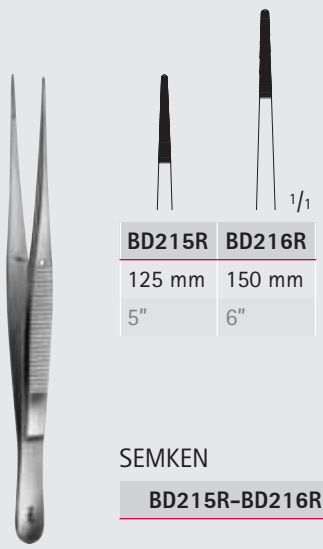
BD321R
100 mm, 4"

BD322R
100 mm, 4"

Pinzetten – Dissecting- and Tissue Forceps

Feine anatomische Pinzetten

Delicate Dissecting Forceps



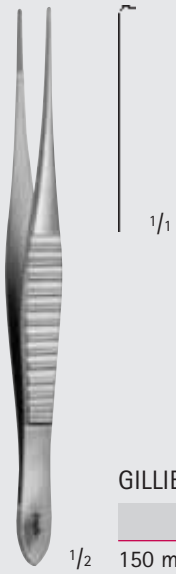
BD215R	BD216R
125 mm	150 mm
5"	6"

SEMKEN

BD215R-BD216R

BD217R

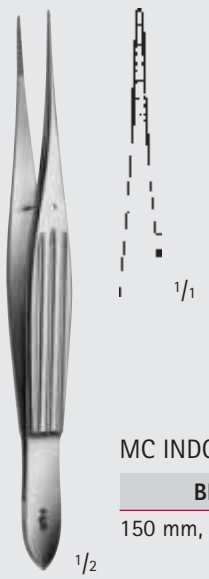
155 mm, 6"



GILLIES

BD213R

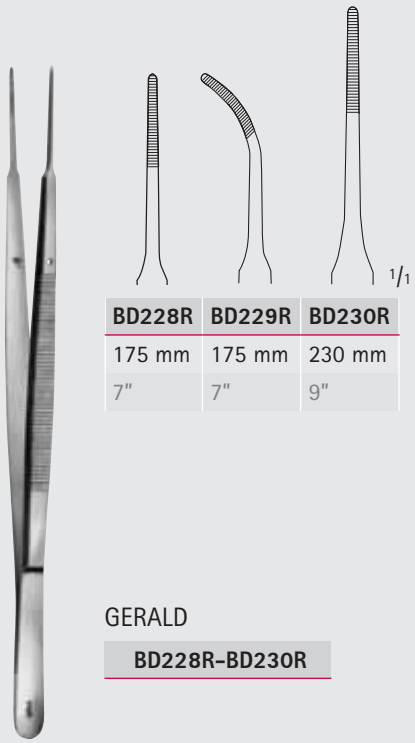
150 mm, 6"



MC INDOE

BD236R

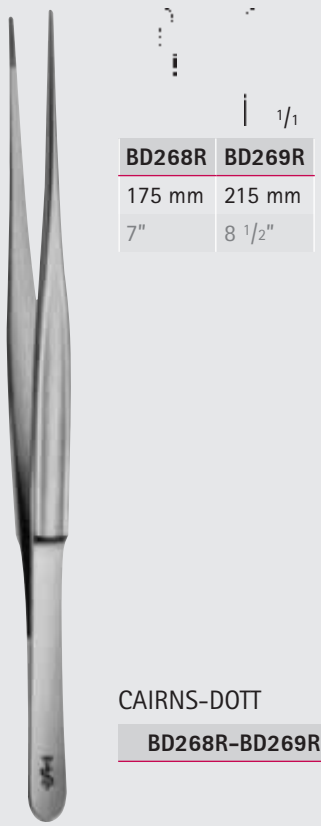
150 mm, 6"



BD228R	BD229R	BD230R
175 mm	175 mm	230 mm
7"	7"	9"

GERALD

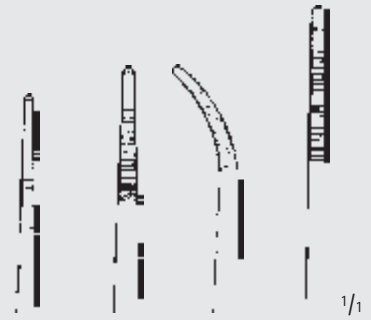
BD228R-BD230R



BD268R	BD269R
175 mm	215 mm
7"	8 1/2"

CAIRNS-DOTT

BD268R-BD269R



BD238R	BD239R	BD243R	BD240R
180 mm	200 mm	200 mm	250 mm
7"	8"	8"	10"

CUSHING

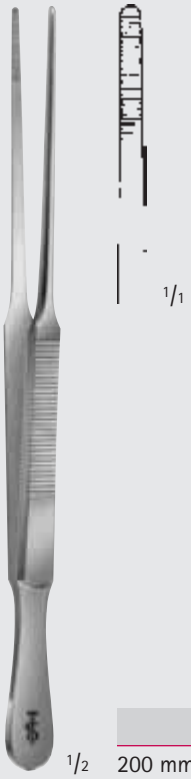
BD238R–BD243R

BD246R **BD247R**

BROPHY

BD246R–BD247R

200 mm, 8"



BD081R

200 mm, 8"

BD231R	BD232R
185 mm	200 mm
7 1/4""	8""

BD231R–BD232R

glattes Maul

smooth jaws

COOLEY

BD250R

200 mm, 8"

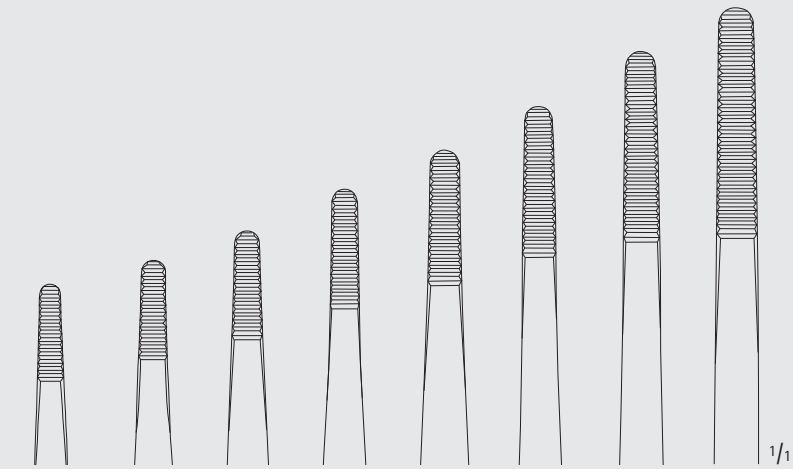
BD257R

200 mm, 8"

Pinzetten – Dissecting- and Tissue Forceps

Anatomische Pinzetten

Dissecting Forceps

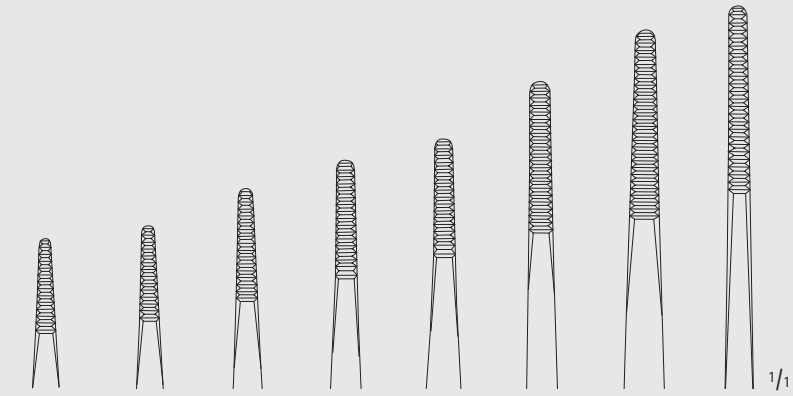


BD043R	BD045R	BD047R	BD049R	BD050R	BD051R	BD052R	BD053R
115 mm	130 mm	145 mm	160 mm	180 mm	200 mm	250 mm	300 mm
4 1/2"	5 1/8"	5 3/4"	6 1/4"	7"	8"	10"	12"

BD043R-BD053R

Standard-Modelle

Standard patterns

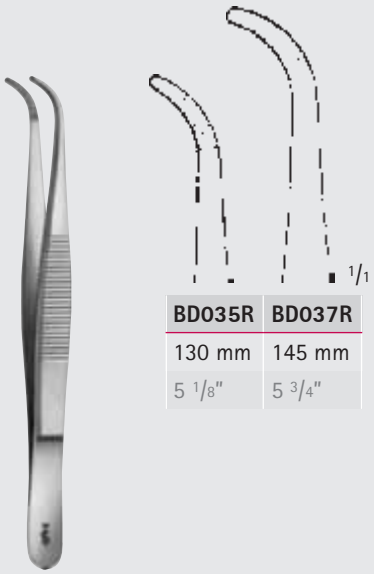


BD023R	BD025R	BD027R	BD029R	BD030R	BD031R	BD032R	BD033R
115 mm	130 mm	145 mm	160 mm	180 mm	200 mm	250 mm	305 mm
4 1/2"	5 1/8"	5 3/4"	6 1/4"	7"	8"	10"	12"

BD023R-BD033R

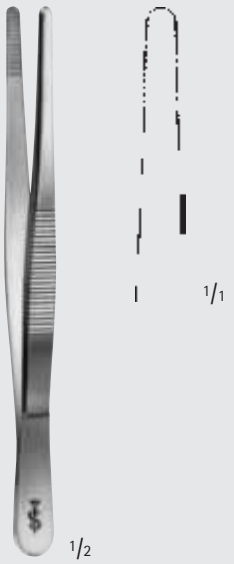
mittelbreit

medium

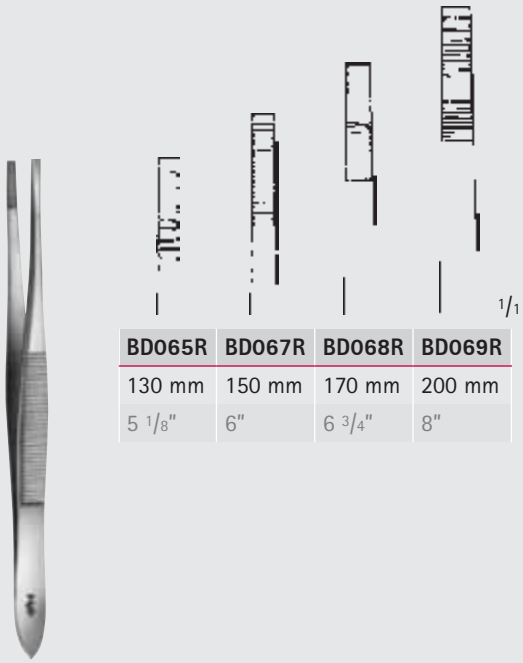


BD035R	BD037R
130 mm	145 mm
5 1/8"	5 3/4"

BD035R–BD037R
mittelbreit
medium



BD077R
extra breit
extra large
145 mm, 5 3/4"



BD065R	BD067R	BD068R	BD069R
130 mm	150 mm	170 mm	200 mm
5 1/8"	6"	6 3/4"	8"

SCHWEDISCHES MODELL
BD065R–BD069R

Pinzetten – Dissecting- and Tissue Forceps

Anatomische Pinzetten

Dissecting Forceps

OCHSNER

BD130R

Fadenpinzette

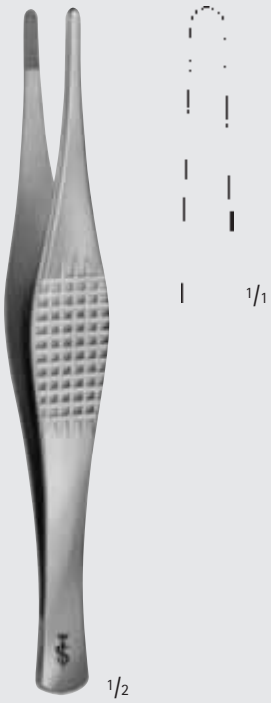
Ligature forceps

145 mm, 5 3/4"

BONNEY

BD078R

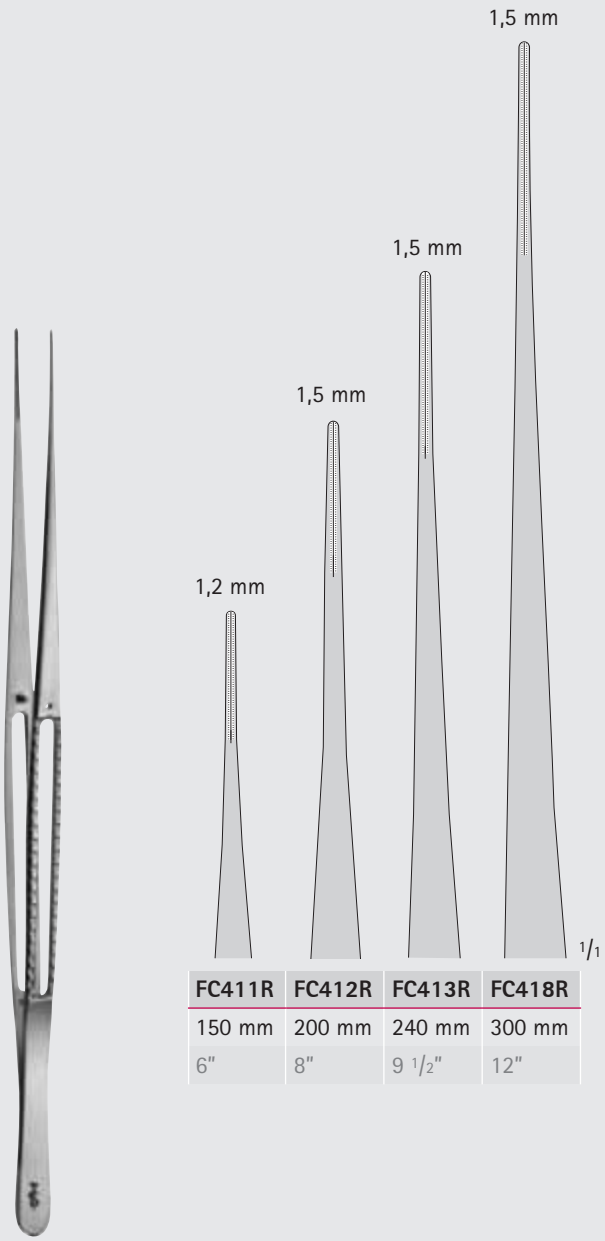
175 mm, 7"



RAMSEY

BD083R

180 mm, 7"



FC411R	FC412R	FC413R	FC418R
150 mm	200 mm	240 mm	300 mm
6"	8"	9 1/2"	12"

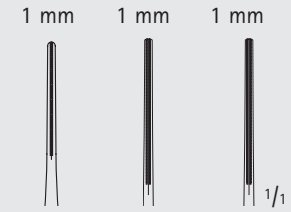
DE BAKEY

FC411R-FC418R

Pinzetten – Dissecting- and Tissue Forceps

Pinzetten

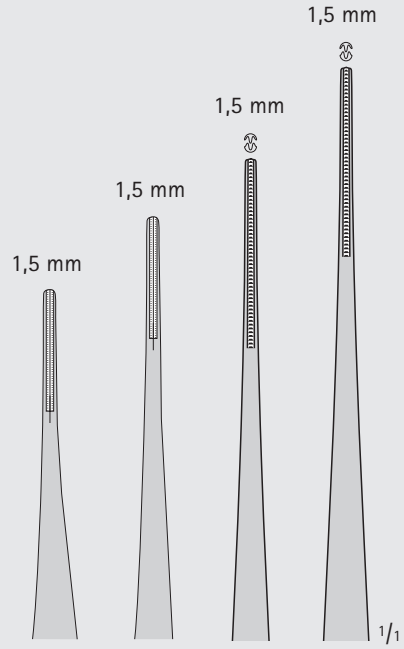
Forceps



FB394R	FB395R	FB396R
150 mm	195 mm	240 mm
6"	7 3/4"	9 1/2"

DE BAKEY

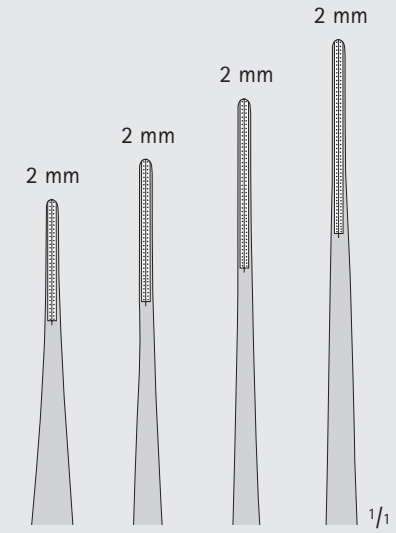
FB394R-FB396R



FB411R	FB412R	FB418R	FB419R
150 mm	200 mm	240 mm	300 mm
6"	8"	9 1/2"	12"

DE BAKEY

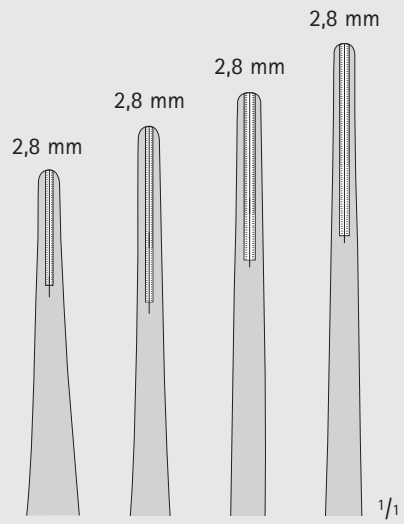
FB411R-FB419R



FB400R	FB402R	FB404R	FB405R
150 mm	200 mm	240 mm	300 mm
6"	8"	9 1/2"	12"

DE BAKEY

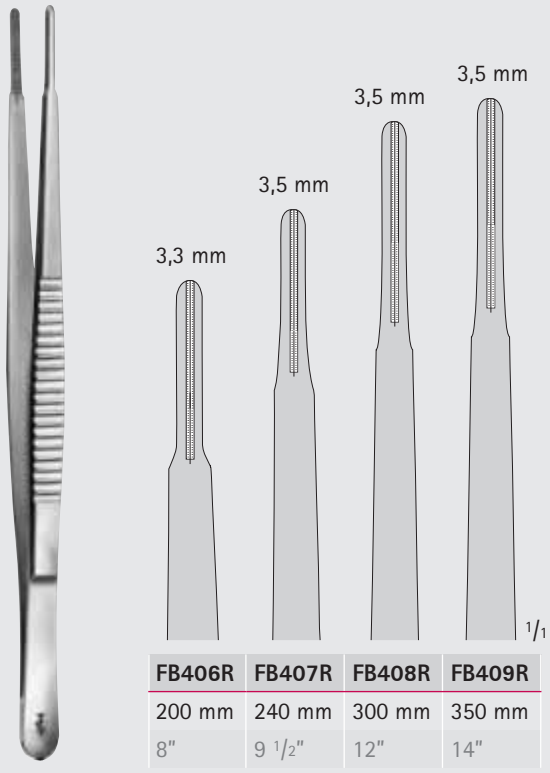
FB400R-FB405R



FB414R	FB415R	FB416R	FB417R
150 mm	200 mm	240 mm	300 mm
6"	8"	9 1/2"	12"

DE BAKEY

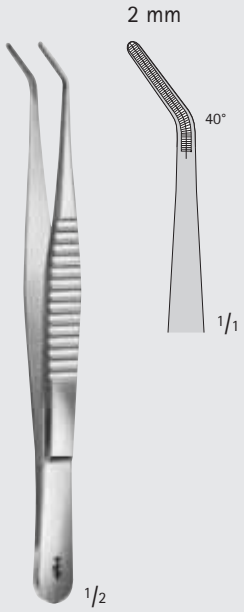
FB414R-FB417R



FB406R	FB407R	FB408R	FB409R
200 mm	240 mm	300 mm	350 mm
8"	9 1/2"	12"	14"

DE BAKEY

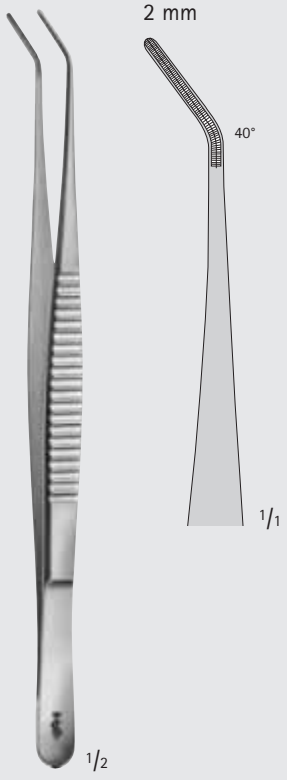
FB406R–FB409R



DE BAKEY

FB401R

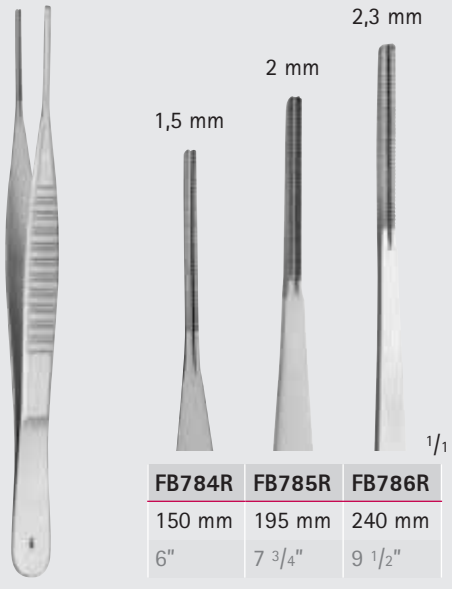
150 mm, 6"



DE BAKEY

FB403R

200 mm, 8"



FB784R	FB785R	FB786R
150 mm	195 mm	240 mm
6"	7 3/4"	9 1/2"

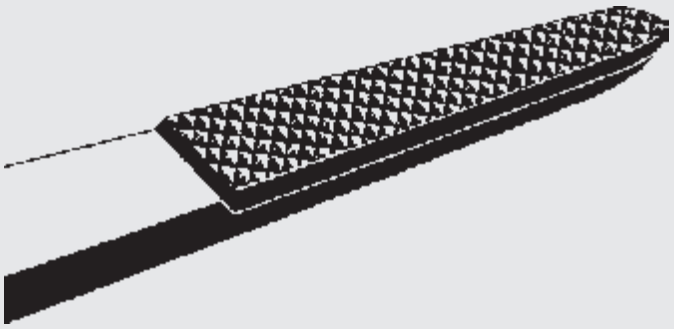
COOLEY

FB784R–FB786R

Pinzetten – Dissecting- and Tissue Forceps

DUROGRIP® Atraumatische Pinzetten

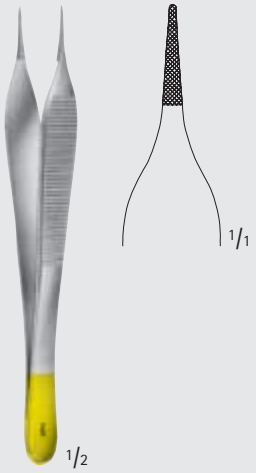
DUROGRIP® Non-traumatic Dissecting Forceps



- Fein strukturiertes und präzise gearbeitetes Haftprofil
- sicheres und zugleich schonendes Fassen
- universell verwendbar
- unverwüstlich im Gebrauch
- Precisely worked out fine structure of carbide inserts
- thus firm and non-traumatic gripping of tissue
- universal in use
- long working life

DUROGRIP®-Pinzetten mit Hartmetall-Plättchen
Kennzeichnung: vergoldete Feder

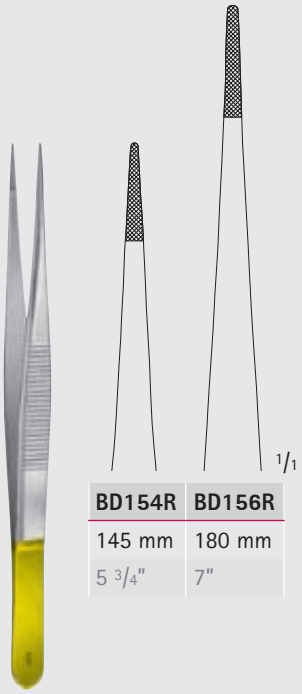
DUROGRIP®-Dissecting Forceps with carbide inserts
Identification: gold-plated end



ADSON

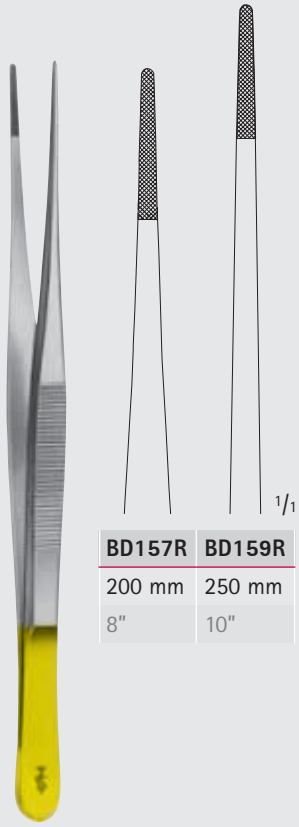
BD151R

120 mm, 4 3/4"



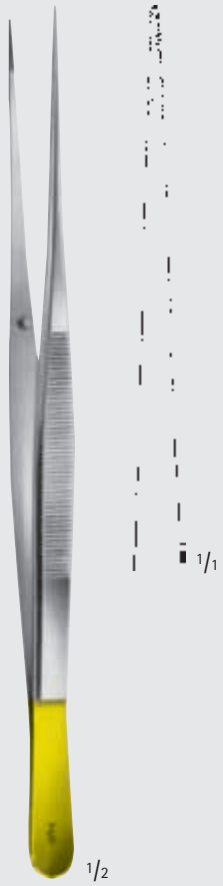
BD154R	BD156R
145 mm	180 mm
5 3/4"	7"

BD154R-BD156R



BD157R	BD159R
200 mm	250 mm
8"	10"

BD157R-BD159R



BD158R

230 mm, 9"

1/1

Besonders sicheres und schonendes Fassen des Fadens durch kissenförmige Maulform

Cushion shaped tip ensures a safe and gentle grasping of the thread

1/2

BD180R

Nahtpinzette

Suture forceps

200 mm, 8"

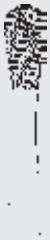
1/1

1/2

FERRIS-SMITH

BD181R

175 mm, 7"



1/1

BD171R	BD173R
150 mm	230 mm
6"	9"

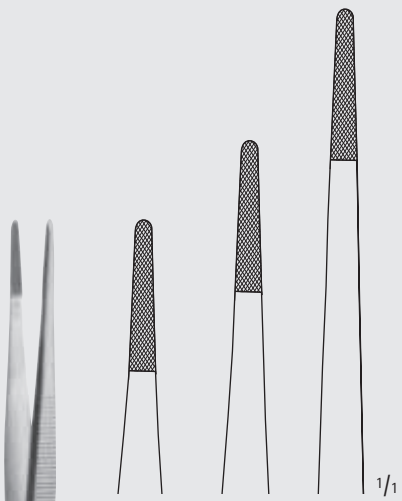
WANGENSTEEN

BD171R-BD173R

Pinzetten – Dissecting- and Tissue Forceps

DUROGRIP® Pinzetten

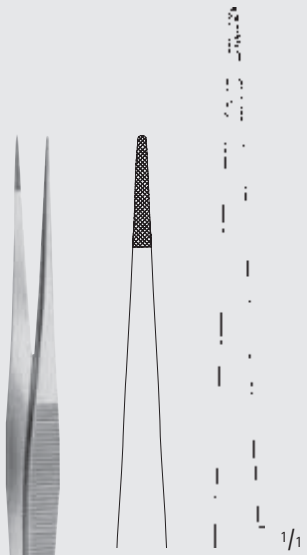
DUROGRIP® Dissecting Forceps



BD164R	BD165R	BD166R
145 mm	200 mm	250 mm
5 3/4"	8"	10"

STANDARD

BD164R–BD166R



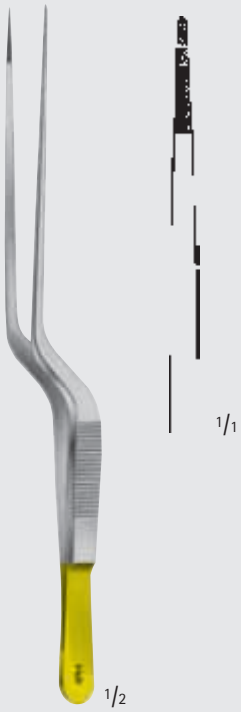
BD160R	BD198R
180 mm	210 mm
7"	8 1/4"

CUSHING

BD160R–BD198R

mit Schaber

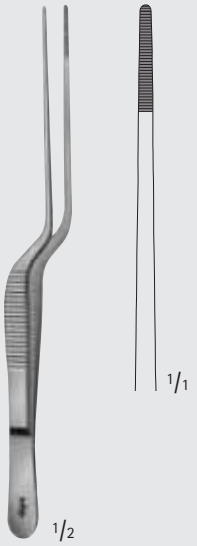
with scraper end



GRUENWALD

BD168R

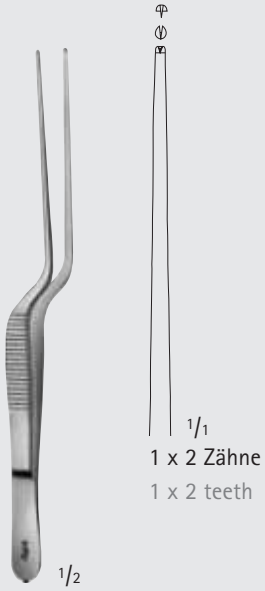
185 mm, 7 1/4"



LUCAE

BD878R

140 mm, 5 1/2"



LUCAE

BD879R

140 mm, 5 1/2"

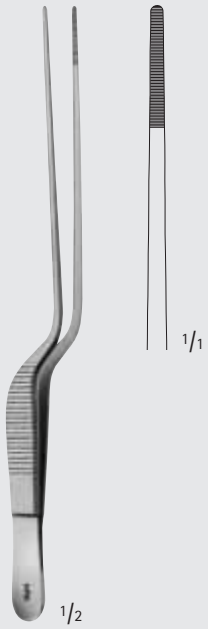
COTTLE

OL011R

Fixierpinzette

Forceps

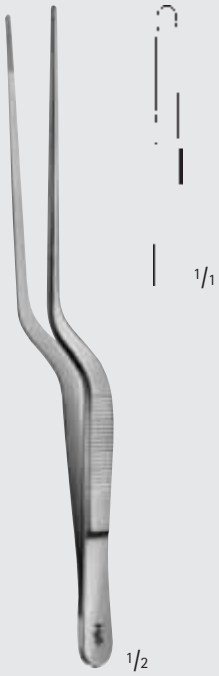
140 mm, 5 1/2"



JANSEN

BD880R

160 mm, 6 1/4"



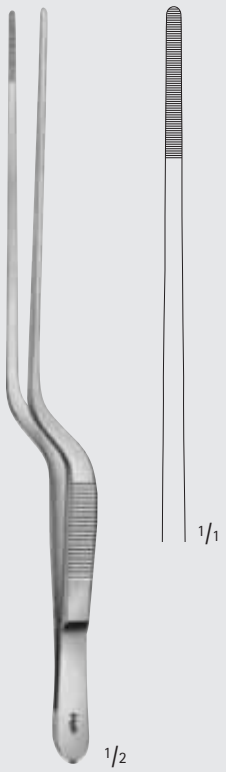
ADSON

BD870R

175 mm, 7"

Pinzetten – Dissecting- and Tissue Forceps

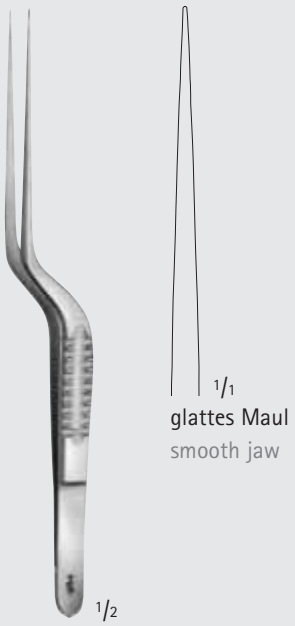
Pinzetten, bajonettförmig gebogen
Forceps, Bayonet-Shaped



GRUENWALD

BD883R

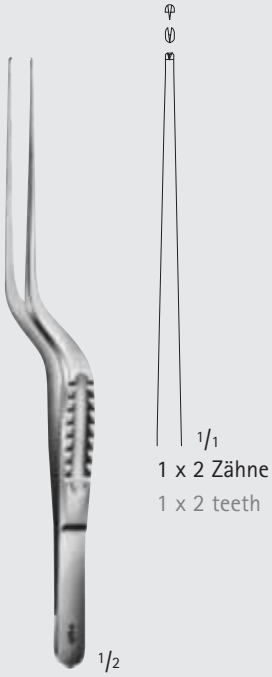
200 mm, 8"



glattes Maul
smooth jaw

BD887R

160 mm, 6 1/4"



1 x 2 Zähne
1 x 2 teeth

BD888R

160 mm, 6 1/4"

glattes Maul
smooth jaw

BD885R

185 mm, 7 1/4"

1 x 2 Zähne
1 x 2 teeth

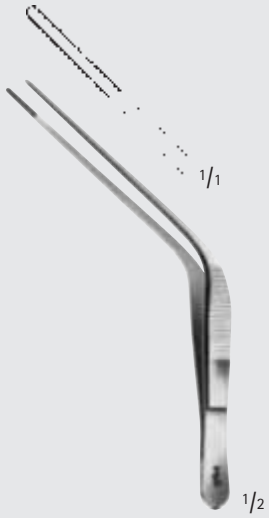
BD886R

200 mm, 8"

TROELTSCH

BD900R

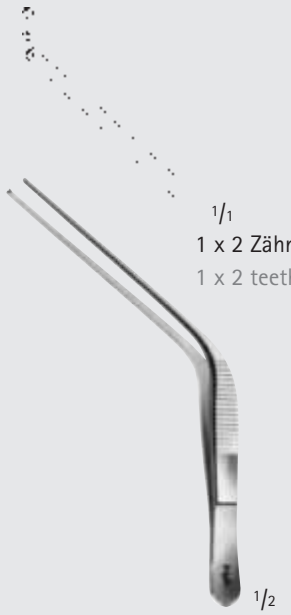
100 mm, 4"



TROELTSCH

BD902R

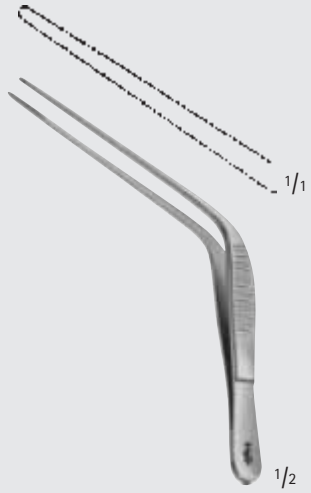
115 mm, 4 1/2"



TROELTSCH

BD903R

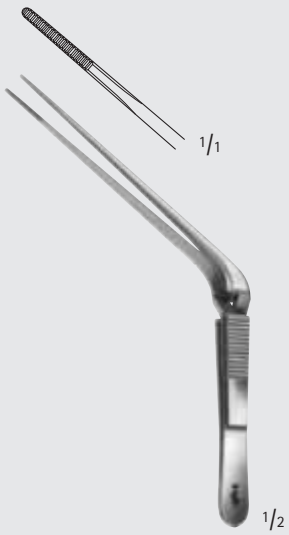
115 mm, 4 1/2"



WILDE

BD904R

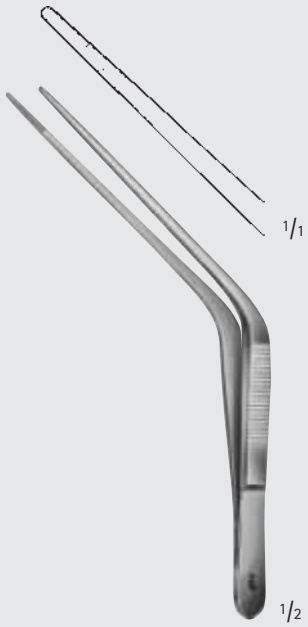
115 mm, 4 1/2"



TROELTSCH

BD905R

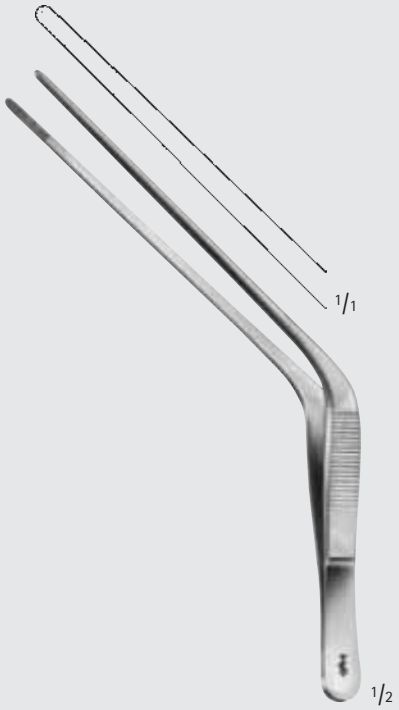
selbstschließend
cross action
120 mm, 4 3/4"



TROELTSCH

BD910R

140 mm, 5 1/2"



TROELTSCH

BD911R

170 mm, 6 3/4"

Pinzetten – Dissecting- and Tissue Forceps

Feine chirurgische Pinzetten

Delicate Tissue Forceps

BISHOP-HARMON

OC051R

Augenpinzette

Eye forceps

85 mm, 3 1/2"

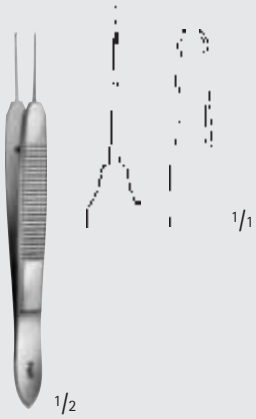
ST. MARTIN

OC091R

Augenpinzette

Eye forceps

80 mm, 3 1/8"



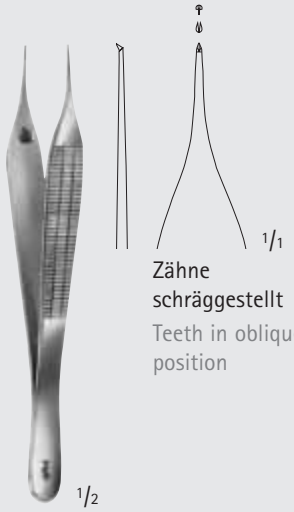
CASTROVIEJO

OC094R

Augenpinzette

Eye forceps

100 mm, 4"



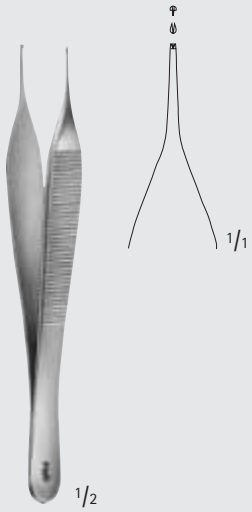
Zähne schräggestellt

Teeth in oblique position

MICRO-ADSON-BIEMER

BD509R

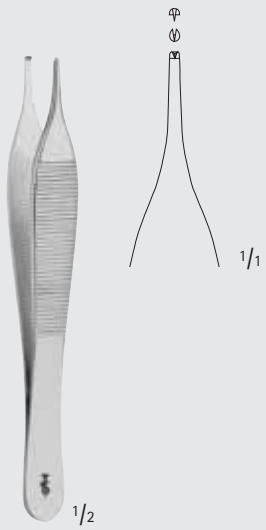
120 mm, 4 3/4"



MICRO-ADSON

BD510R

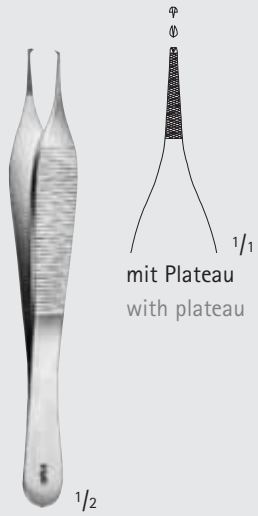
120 mm, 4 3/4"



ADSON

BD511R

120 mm, 4 3/4"



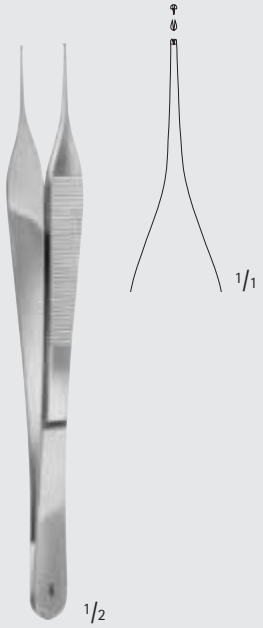
mit Plateau

with plateau

ADSON

BD512R

120 mm, 4 3/4"



MICRO-ADSON

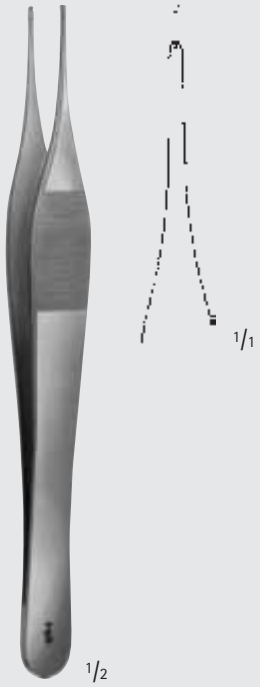
BD520R

150 mm, 6"

ADSON

BD522R

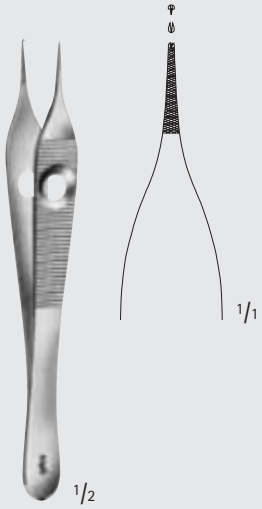
180 mm, 7"



JEFFERSON

BD523R

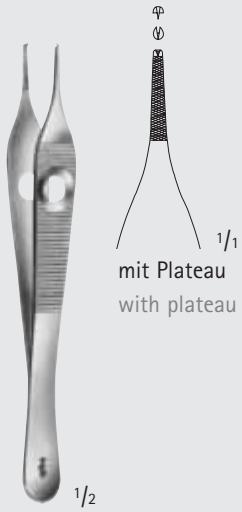
180 mm, 7"



ADSON

BD508R

120 mm, 4 3/4"

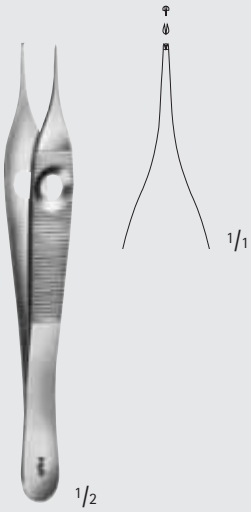


mit Plateau
with plateau

ADSON

BD513R

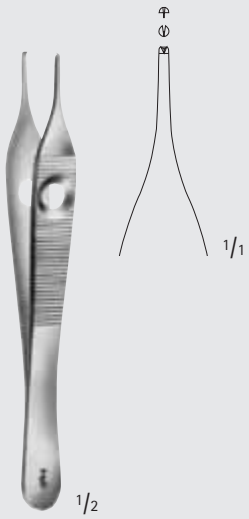
120 mm, 4 3/4"



ADSON

BD506R

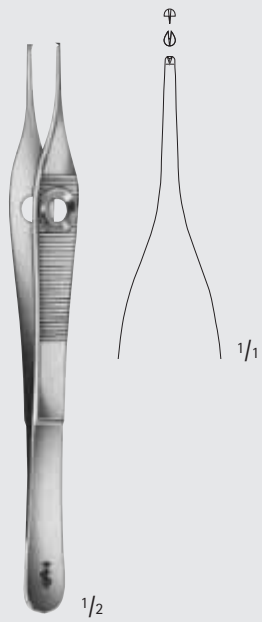
120 mm, 4 3/4"



ADSON

BD507R

120 mm, 4 3/4"



ADSON

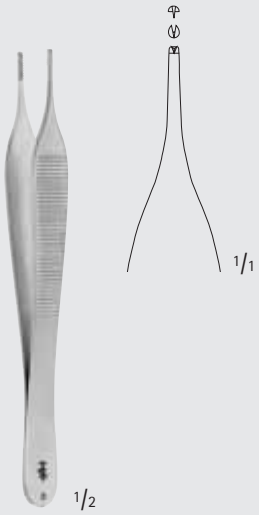
BD521R

150 mm, 6"

Pinzetten – Dissecting- and Tissue Forceps

Chirurgische Pinzetten

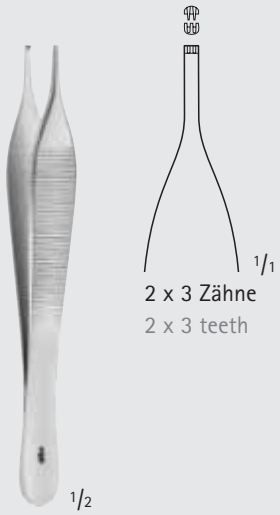
Tissue Forceps



HUDSON

MB291R

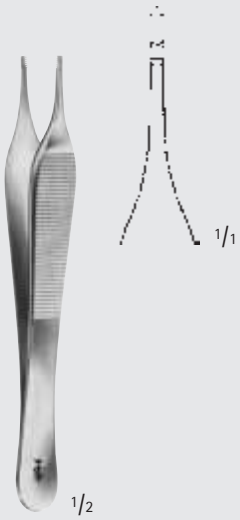
125 mm, 4 7/8"



ADSON

MB454R

120 mm, 4 3/4""



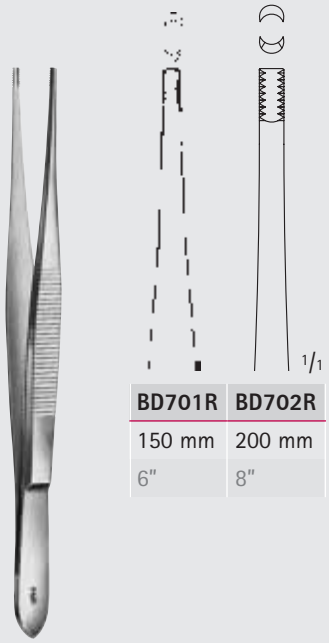
ADSON-BROWN

BD700R

Hautpinzette, scharf

Tissue forceps, sharp

120 mm, 4 3/4"



BD701R	BD702R
150 mm	200 mm
6"	8"

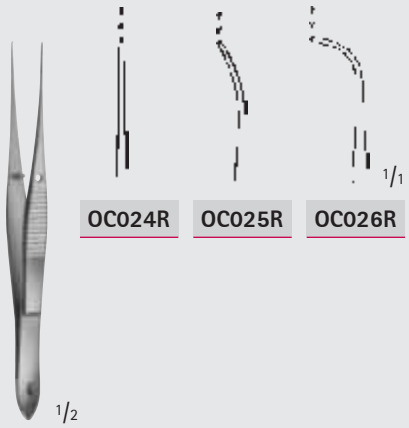
BROWN

BD701R-BD702R

GRAEFFE

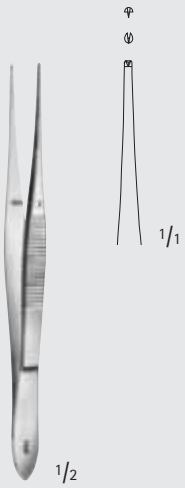
OC100R

110 mm, 4 1/2"

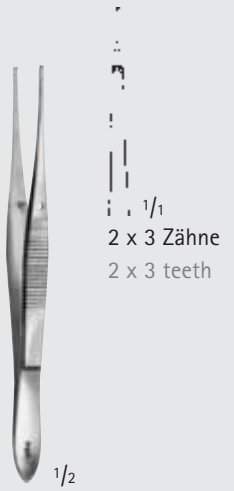


OC024R–OC026R
sehr fein
very delicate
100 mm, 4"

BD500R
100 mm, 4"

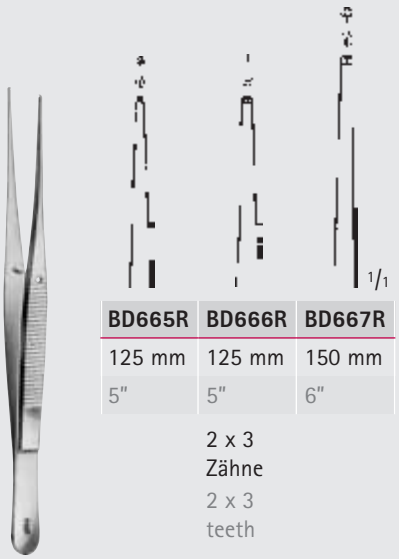


BD501R
110 mm, 4 3/8"



2 x 3 Zähne
2 x 3 teeth

BD502R
110 mm, 4 3/8"

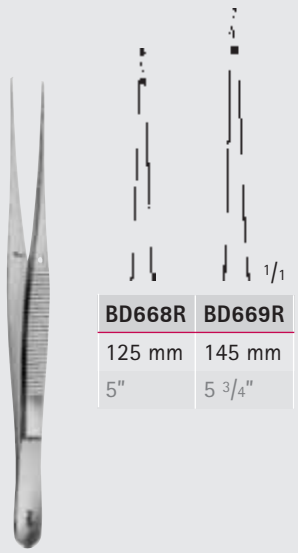


BD665R	BD666R	BD667R
125 mm	125 mm	150 mm
5"	5"	6"

2 x 3 Zähne
2 x 3 teeth

SEMKEN

BD665R–BD667R



BD668R	BD669R
125 mm	145 mm
5"	5 3/4"

SEMKEN

BD668R–BD669R

Pinzetten – Dissecting- and Tissue Forceps

Feine chirurgische Pinzetten

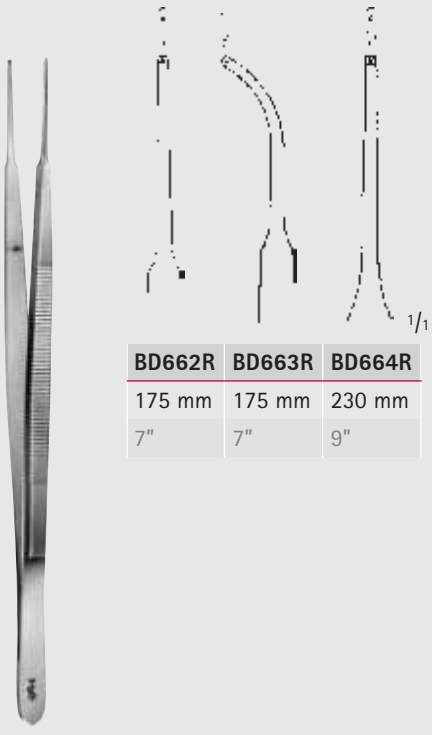
Delicate Tissue Forceps

GILLIES

BD660R
155 mm, 6"

MC INDOE

BD661R
150 mm, 6"



BD662R	BD663R	BD664R
175 mm	175 mm	230 mm
7"	7"	9"

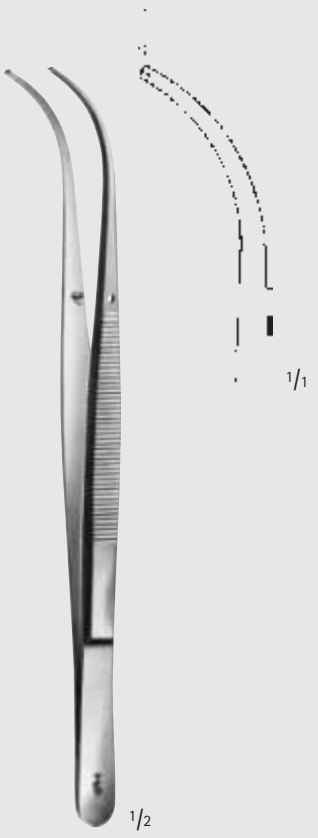
GERALD

BD662R–BD664R

BD670R	BD671R	BD672R	BD679R
180 mm	200 mm	250 mm	305 mm
7"	8"	10"	12"

WAUGH

BD670R–BD679R



BROPHY

BD678R

200 mm, 8"

BD651R

200 mm, 8"

CUSHING

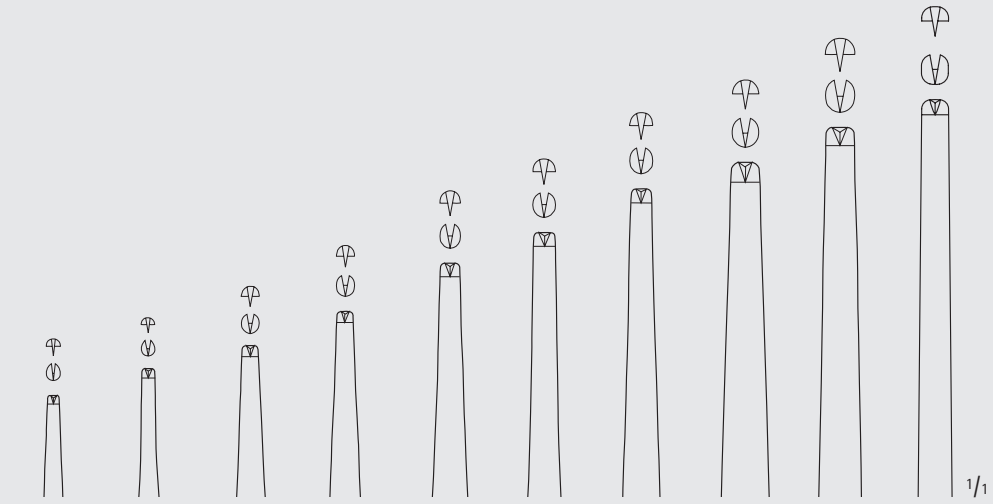
MD463

180 mm, 7"

Pinzetten – Dissecting- and Tissue Forceps

Chirurgische Pinzetten

Tissue Forceps

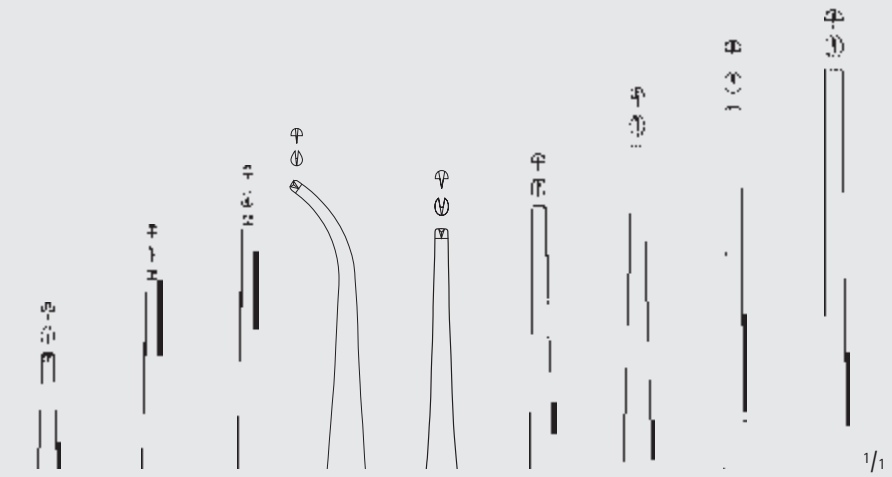


BD552R	BD553R	BD555R	BD557R	BD559R	BD560R	BD561R	BD562R	BD563R	BD564R
105 mm	115 mm	130 mm	145 mm	160 mm	180 mm	200 mm	250 mm	300 mm	350 mm
4 1/8"	4 1/2"	5 1/8"	5 3/4"	6 1/4"	7"	8"	10"	12"	14"

BD552R–BD564R

Standard-Modelle

Standard patterns

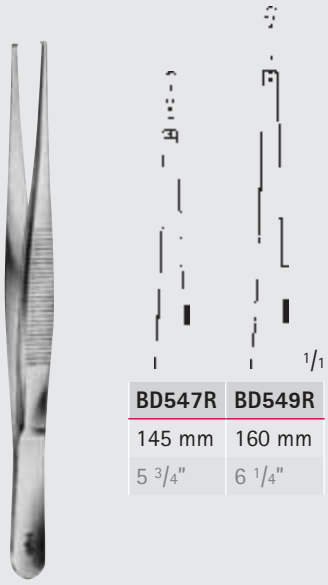


BD533R	BD535R	BD537R	BD527R	BD539R	BD540R	BD541R	BD542R	BD543R
115 mm	130 mm	145 mm	145 mm	160 mm	180 mm	200 mm	250 mm	300 mm
4 1/2"	5 1/8"	5 3/4"	5 3/4"	6 1/4"	7"	8"	10"	12"

BD527R–BD543R

mittelbreit

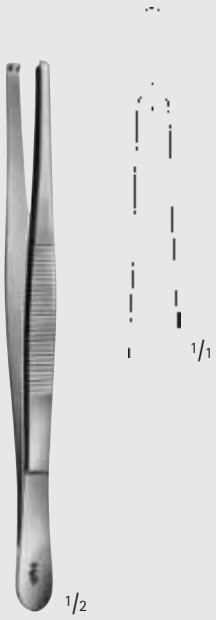
medium



BD547R	BD549R
145 mm	160 mm
5 3/4"	6 1/4"

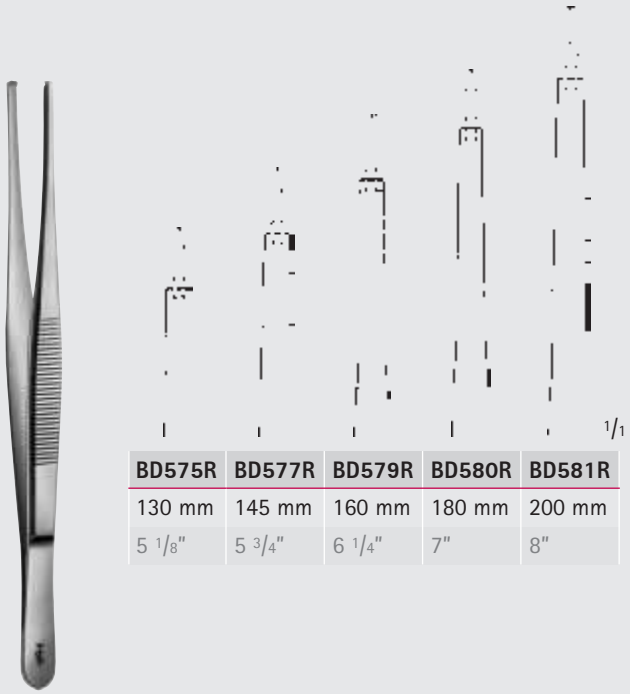
BD547R–BD549R

kräftiger als BD537R und BD539R
aber feiner als BD557R und BD559R
stronger as BD537R and BD539R
but finer than BD557R and BD559R



BD600R

kräftiges Modell
heavy pattern
145 mm, 5 3/4"



BD575R	BD577R	BD579R	BD580R	BD581R
130 mm	145 mm	160 mm	180 mm	200 mm
5 1/8"	5 3/4"	6 1/4"	7"	8"

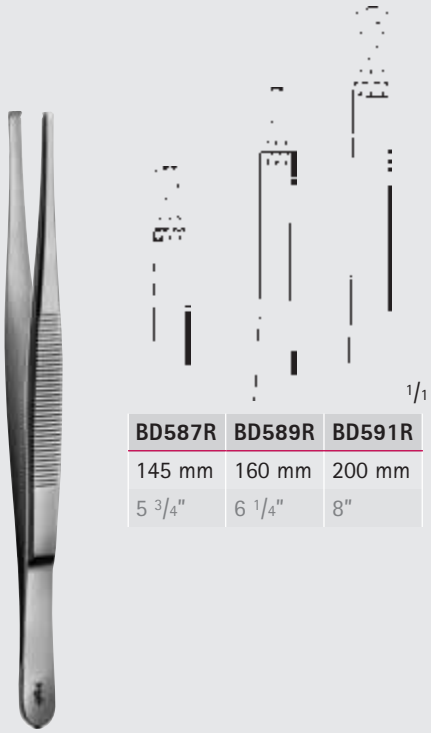
BD575R–BD581R

2 x 3 Zähne
2 x 3 teeth

Pinzetten – Dissecting- and Tissue Forceps

Chirurgische Pinzetten

Tissue Forceps



1/1

BD587R	BD589R	BD591R
145 mm	160 mm	200 mm
5 3/4"	6 1/4"	8"

BD587R–BD591R

3 x 4 Zähne

3 x 4 teeth

1/2

1/1

4 x 5 Zähne

4 x 5 teeth

BD597R

145 mm, 5 3/4"

1/2

1/1

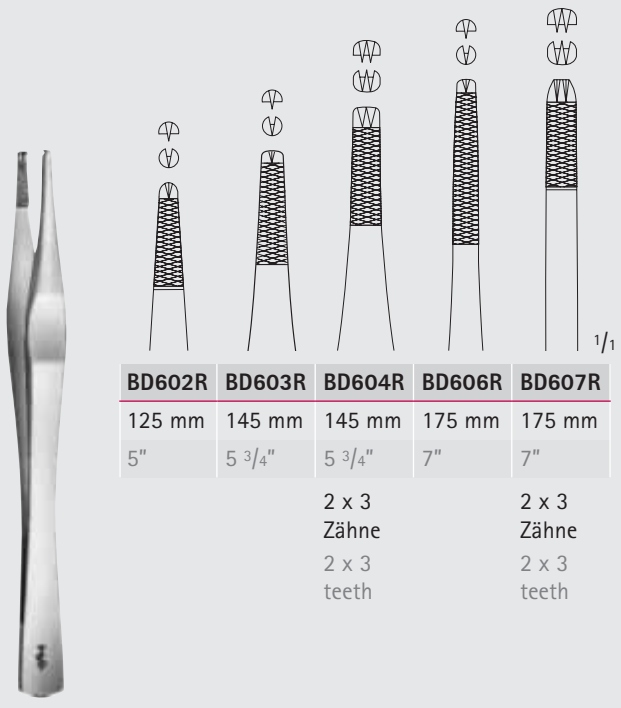
4 x 5 Zähne

4 x 5 teeth

OFFICER

BD598R

150 mm, 6"

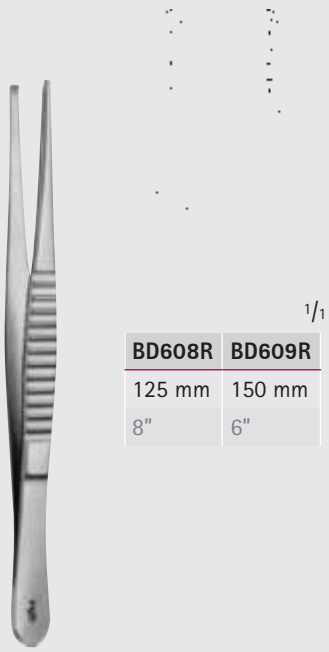


1/1

BD602R	BD603R	BD604R	BD606R	BD607R
125 mm	145 mm	145 mm	175 mm	175 mm
5"	5 3/4"	5 3/4"	7"	7"
		2 x 3 Zähne		2 x 3 Zähne
		2 x 3 teeth		2 x 3 teeth

LANE

BD602R–BD607R

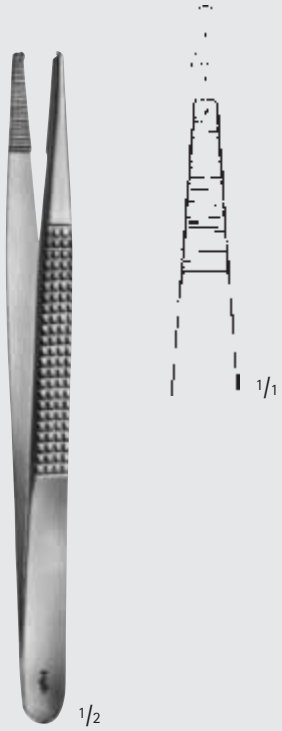


1/1

BD608R	BD609R
125 mm	150 mm
8"	6"

TREVES

BD608R–BD609R

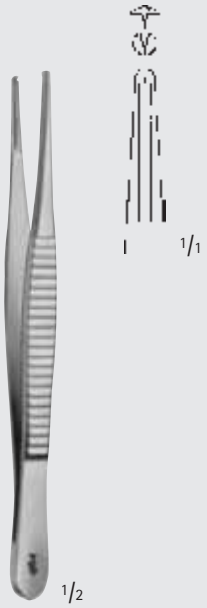


1/1 1/2

BONNEY

BD693R

175 mm, 7"

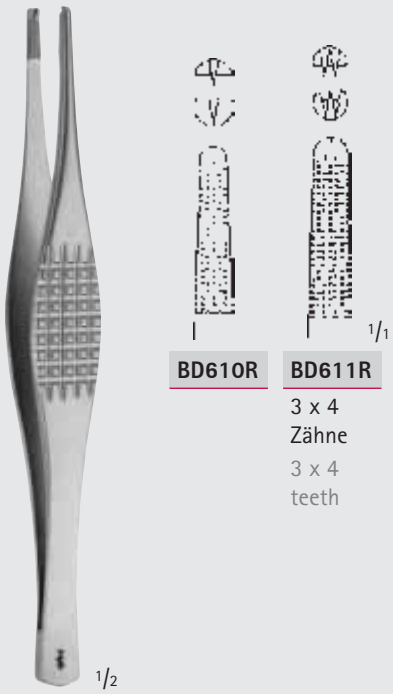


1/1 1/2

JACKSON-BURROWS

BD704R

140 mm, 5 1/2"



1/1 1/2

BD610R	BD611R
	3 x 4 Zähne 3 x 4 teeth

RAMSEY

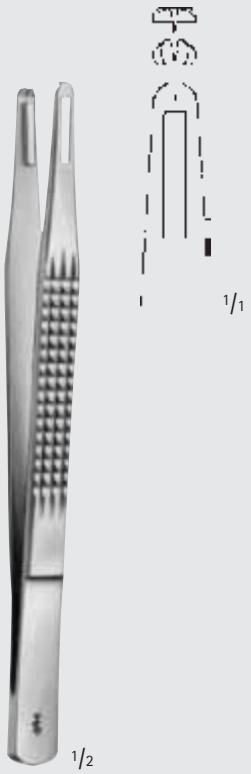
BD610R–BD611R

180 mm, 7"

Pinzetten – Dissecting- and Tissue Forceps

Chirurgische Pinzetten

Tissue Forceps



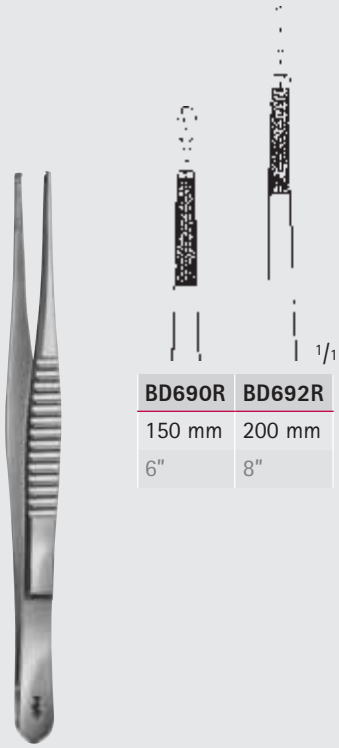
1/1

1/2

CHARNLEY

BD705R

180 mm, 7"



1/1

BD690R	BD692R
150 mm	200 mm
6"	8"

STRASSBURGER MODELL

BD690R-BD692R

1/1

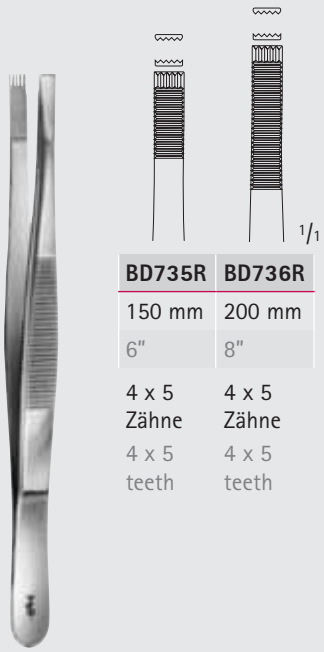
1/2

BD185R

Nahtpinzette

Suture forceps

300 mm, 12"



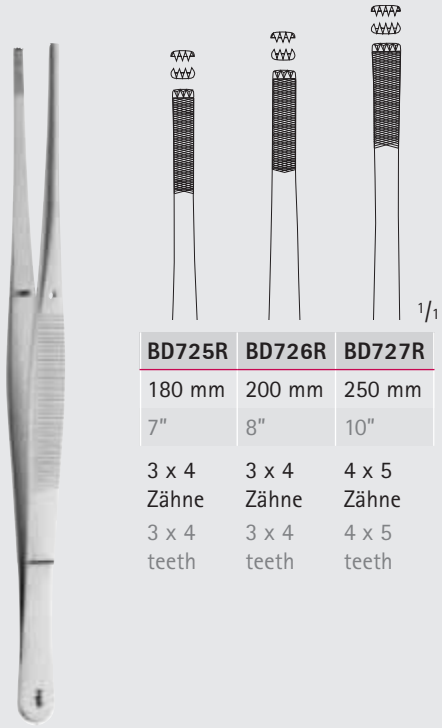
BD735R	BD736R
150 mm	200 mm
6"	8"
4 x 5 Zähne	4 x 5 Zähne
4 x 5 teeth	4 x 5 teeth

ADLERKREUTZ

BD735R–BD736R

Gefäß- und Tumorpinzette

Vascular- and tumor forceps



BD725R	BD726R	BD727R
180 mm	200 mm	250 mm
7"	8"	10"
3 x 4 Zähne	3 x 4 Zähne	4 x 5 Zähne
3 x 4 teeth	3 x 4 teeth	4 x 5 teeth

STILLE-BARRAYA

BD725R–BD727R

Gefäß- und Tumorpinzetten

Vascular- and tumor forceps

RUSS. MODELL

BD755R

150 mm, 6"

RUSS. MODELL

BD760R

200 mm, 8"

SELMAN

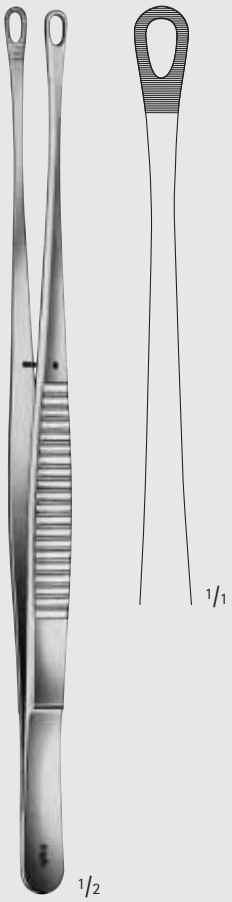
BD750R

155 mm, 6"

Pinzetten – Dissecting- and Tissue Forceps

Lungenfasspinzetten, Darmpinzetten

Lung Grasping Dissecting Forceps, Intestinal Forceps



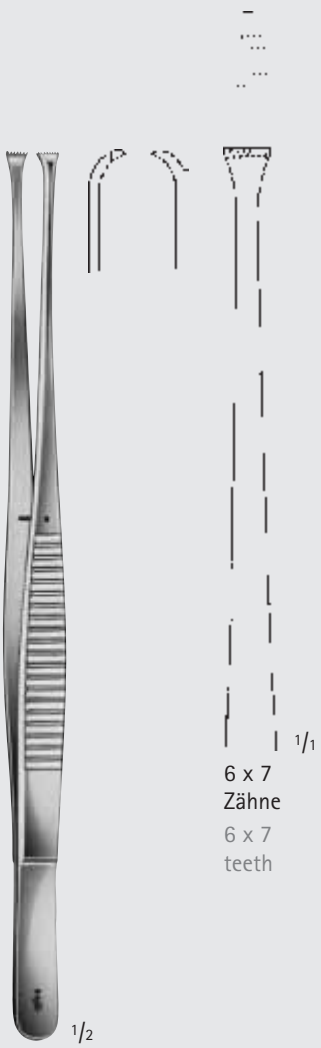
TUTTLE

BD801R

Lungenfasspinzette

Lung grasping forceps

230 mm, 9"



6 x 7 Zähne

6 x 7 teeth

NELSON

BD802R

Lungenfasspinzette

Lung grasping forceps

230 mm, 9"

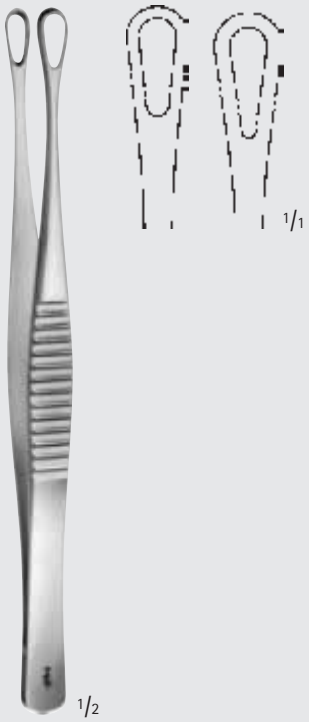
DUVAL

BD820R

Darmpinzette

Intestinal forceps

140 mm, 5 1/2"



DENIS- BROWNE

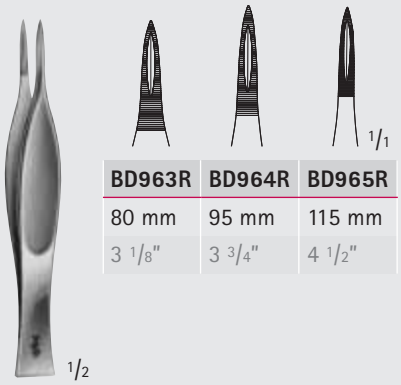
EA027R

Darmpinzette

Intestinal forceps

190 mm, 7 1/2"

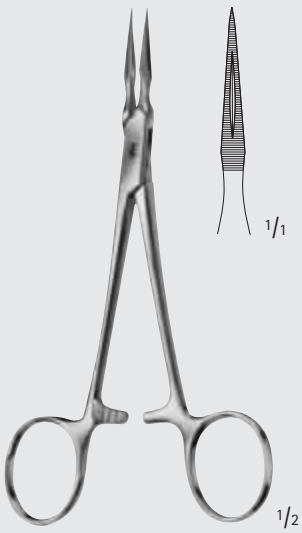
BD952R
Splitterpinzette
Splinter forceps
80 mm, 3 1/8"



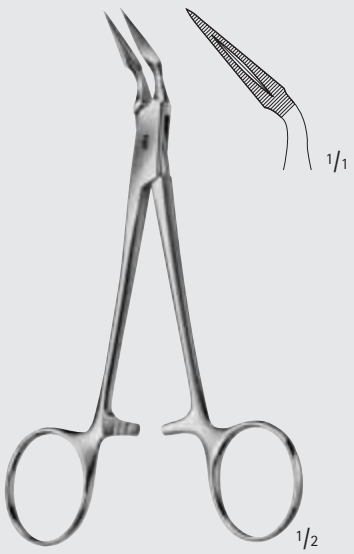
BD963R	BD964R	BD965R
80 mm	95 mm	115 mm
3 1/8"	3 3/4"	4 1/2"

FEILCHENFELD
BD963R–BD965R
Splitterpinzetten
Splinter forceps

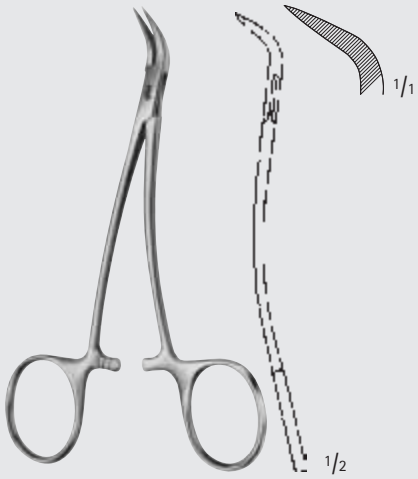
HUNTER
BD980R
Splitterpinzette
Splinter forceps
105 mm, 4 1/8"



STIEGLITZ
BD992R
Splitterzange
Splinter forceps
140 mm, 5 1/2"



STIEGLITZ
BD993R
Splitterzange
Splinter forceps
140 mm, 5 1/2"



PEET
BD995R
Splitterzange
Splinter forceps
120 mm, 4 3/4"

1
2
3
4
5
6
7
8
INCHES

BF

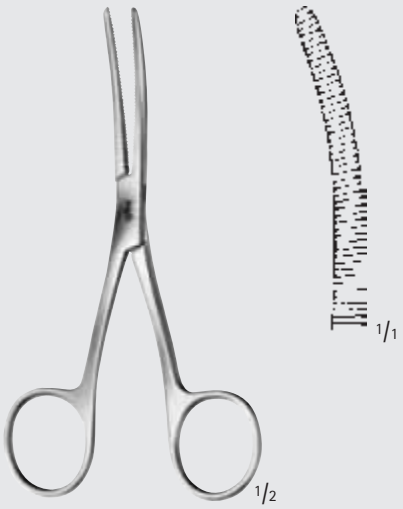
Korn- und Tupferzangen, Waschzangen, Tuchklemmen

Sponge- and Dressing-Forceps, Washing Forceps, Towel Clamps

Korn- und Tupferzangen – Sponge- and Dressing Forceps

Korn- und Tupferzangen

Sponge- and Dressing Forceps



BRYANT

BF003R

130 mm, 5 1/8"

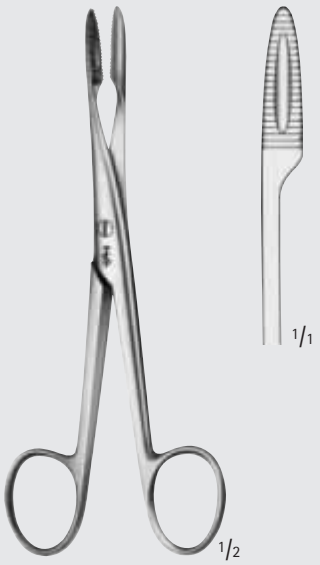
BF004R	BF006R	BF008R
130 mm	160 mm	175 mm
5 1/8"	6 1/4"	7"

LISTER

BF004R–BF008R

Sinusklemmen

Sinus forceps

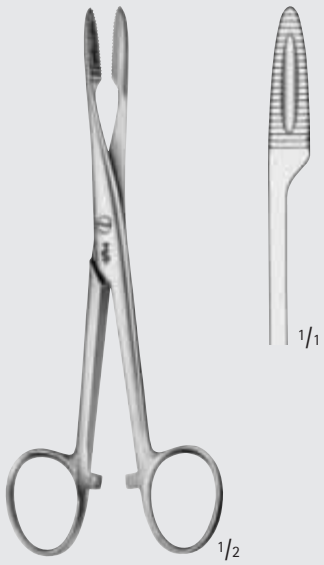


BF010R

ohne Sperre

without ratchet

145 mm, 5 3/4"



BF016R

mit Sperre

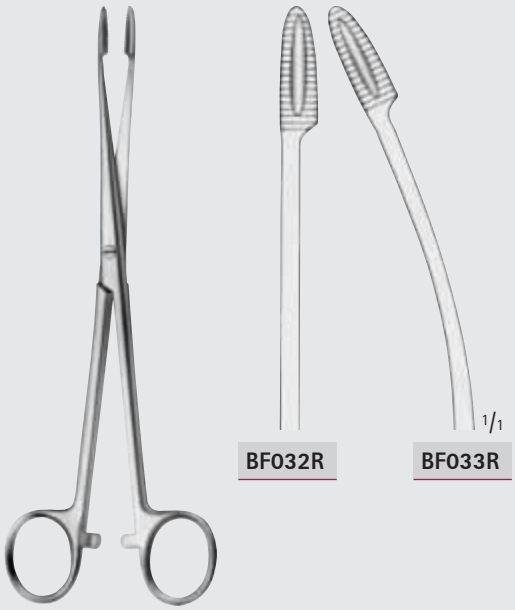
with ratchet

145 mm, 5 3/4"

BF021R

175 mm, 7"

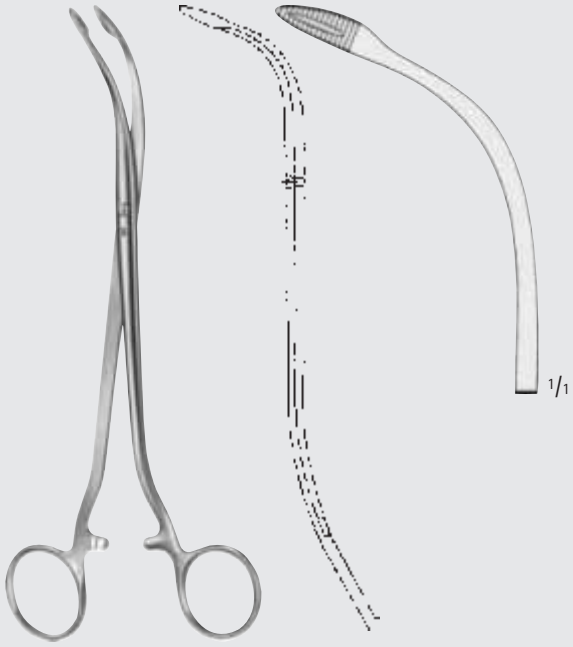
INCHES



GROSS

BF032R-BF033R

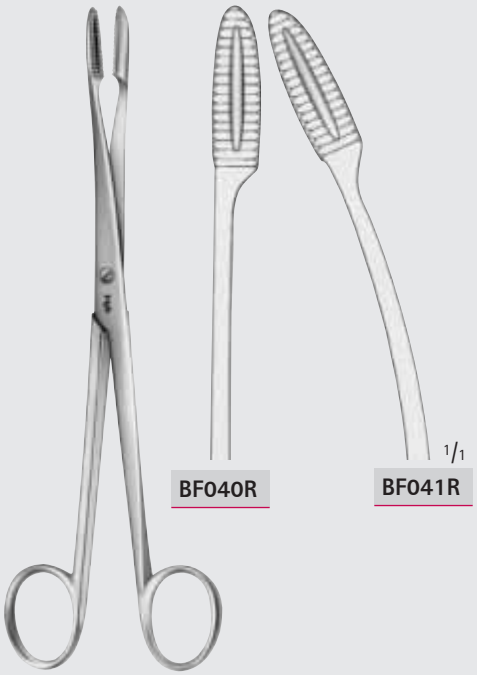
mit Sperre
with ratchet
180 mm, 7"



DUPLAY

OM485R

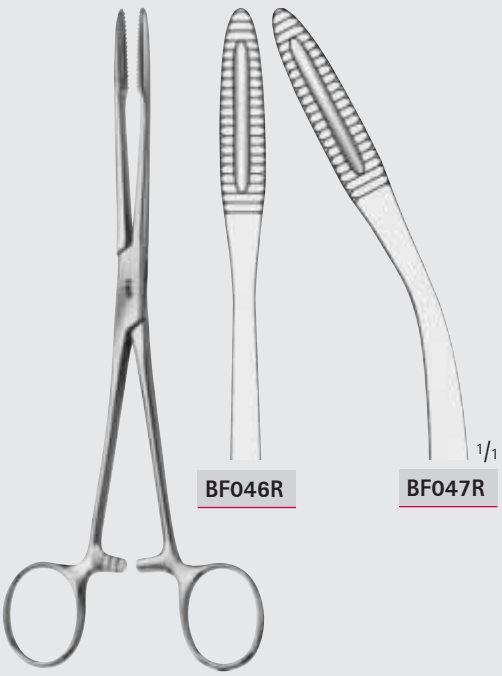
190 mm, 7 1/2"



GROSS

BF040R-BF041R

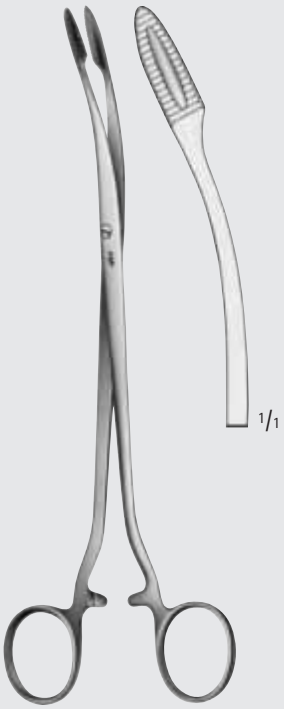
ohne Sperre
without ratchet
200 mm, 8"



GROSS

BF046R-BF047R

200 mm, 8"



DUPLAY

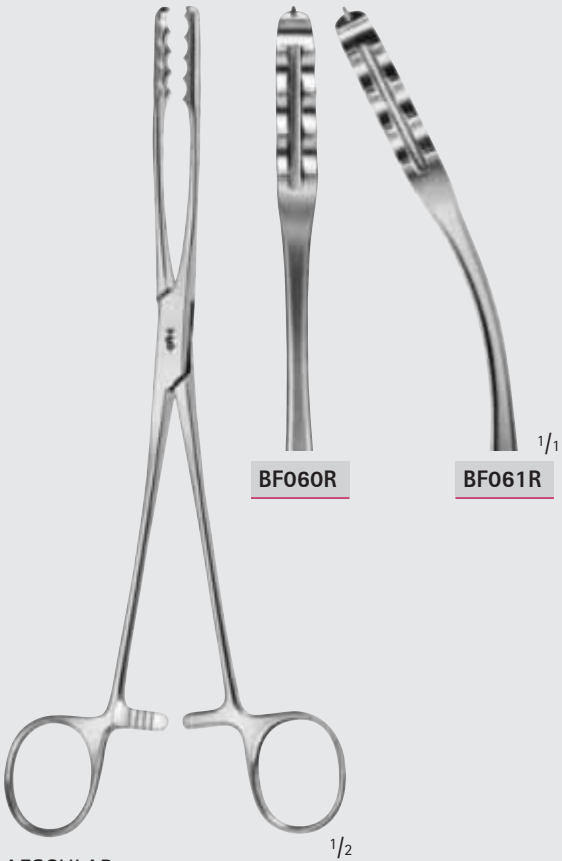
BF027R

210 mm, 8 1/4"

Korn- und Tupferzangen – Sponge- and Dressing Forceps

Korn-, Tupfer- und Waschzangen

Sponge- and Dressing Forceps



1/1

1/2

BF060R

BF061R

AESCULAP

BF060R-BF061R

220 mm, 8 3/4"

1/1

BF062R

265 mm

10 1/2"

BF063R

265 mm

10 1/2"

BF065R

350 mm

14"

ULRICH-AESCULAP

BF062R-BF065R

BF056R

1/1

BF057R

1/2

MAIER

BF056R–BF057R

ohne Sperre

without ratchet

265 mm, 10 1/2"

BF058R

1/1

BF059R

1/2

MAIER

BF058R–BF059R

mit Sperre

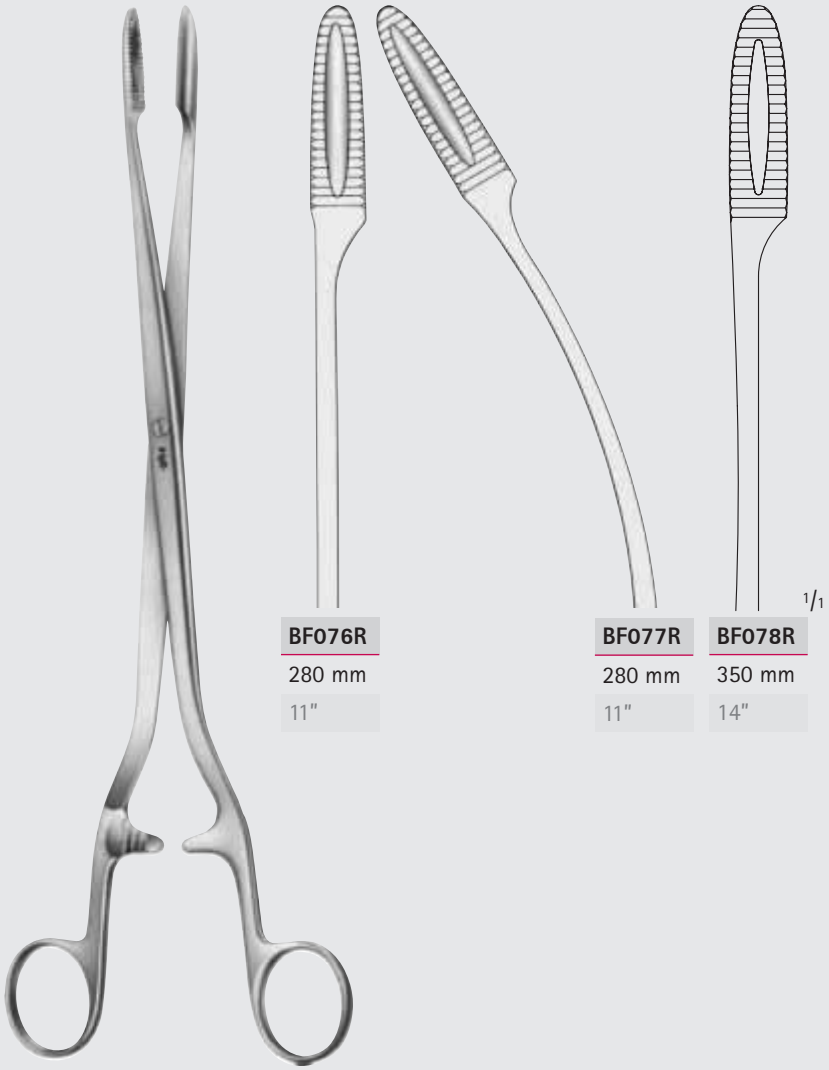
with ratchet

265 mm, 10 1/2"

Korn- und Tupferzangen – Sponge- and Dressing Forceps

Korn- und Tupferzangen

Sponge- and Dressing Forceps

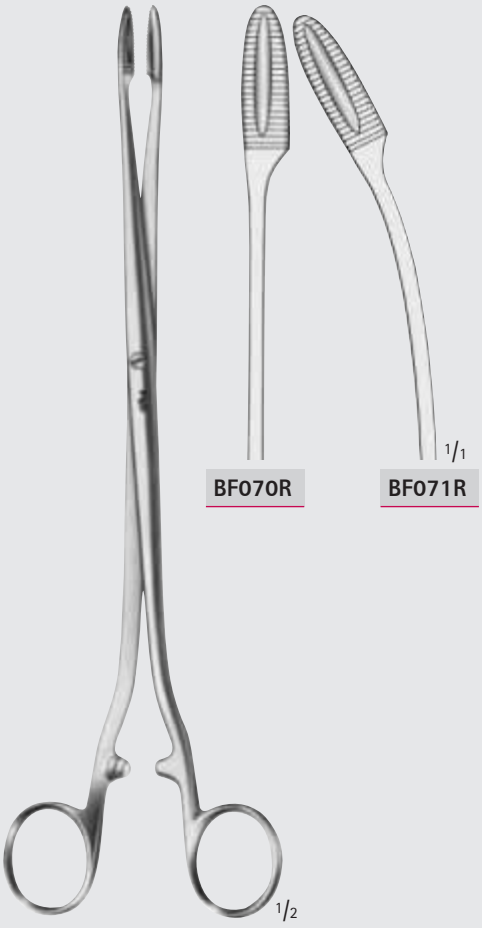


1/1

BF076R	BF077R	BF078R
280 mm	280 mm	350 mm
11"	11"	14"

SIMS-MAIER

BF076R–BF078R



1/1

1/2

BF070R	BF071R

BF070R–BF071R

240 mm, 9 1/2"

COLLIN

BF091R

240 mm, 9 1/2"

CHERON

BF092R

Griffe seitwärts abgewinkelt
Handles angled to side
240 mm, 9 1/2"

EMMET

BF098R

210 mm, 8 1/4"

Korn- und Tupferzangen – Sponge- and Dressing Forceps

Tupfer-, Schwamm-, Organ- und Gewebefasszangen

Dressing-, Sponge Holding-, Organ- and Tissue Grasping Forceps

1/1

BF112R **BF113R**

FOERSTER-BALLENGER

BF112R–BF113R

180 mm, 7"

1/1

BF116R	**BF118R**
180 mm	250 mm
7"	10"

RAMPLEY

BF116R–BF118R

BF120R
glattes Maul
smooth jaws

BF121R
glattes Maul
smooth jaws

1/1

BF122R **BF123R**

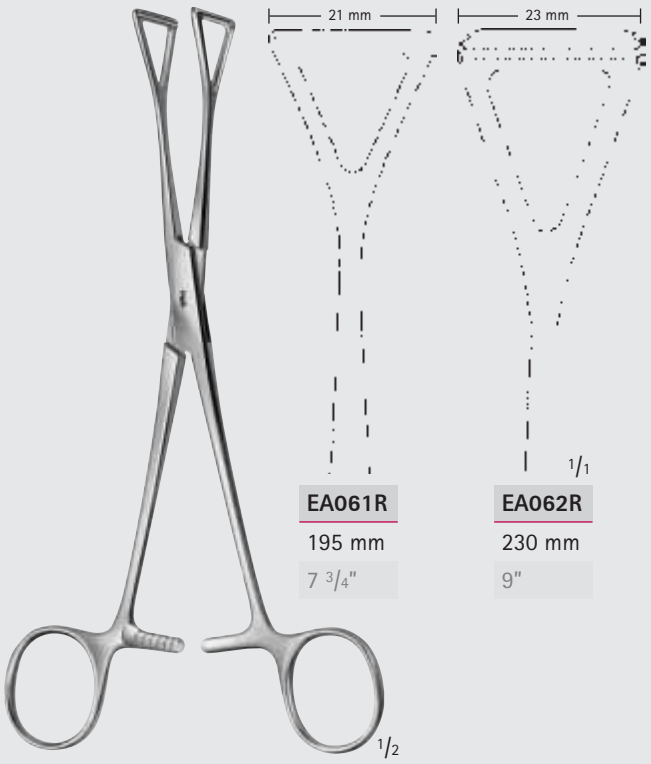
FOERSTER-BALLENGER

BF120R–BF123R

245 mm, 9 3/4"

2:3 Zahnreihen

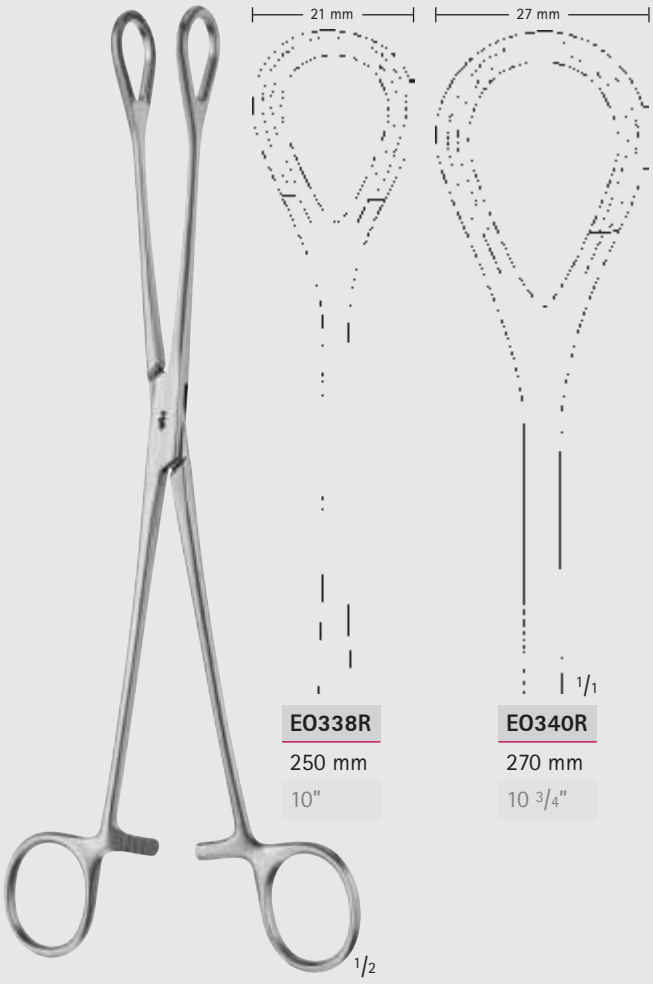
2:3 Teeth rows



EA061R	EA062R
195 mm	230 mm
7 3/4"	9"

COLLIN

EA061R–EA062R



EO338R	EO340R
250 mm	270 mm
10"	10 3/4"

EO338R–EO340R

Korn- und Tupferzangen – Sponge- and Dressing Forceps

Tupfer-, Schwamm-, Organ- und Gewebefasszangen

Dressing-, Sponge Holding-, Organ- and Tissue Grasping Forceps

BH906R

160 mm

6 1/4"

BH908R

160 mm

6 1/4"

AN709R

170 mm

6 3/4"

COLLIN

AN709R-BH908R

1/2

1/1

AN710R

HEYWOOD-SMITH

AN710R

200 mm, 8"

1/2

1/1

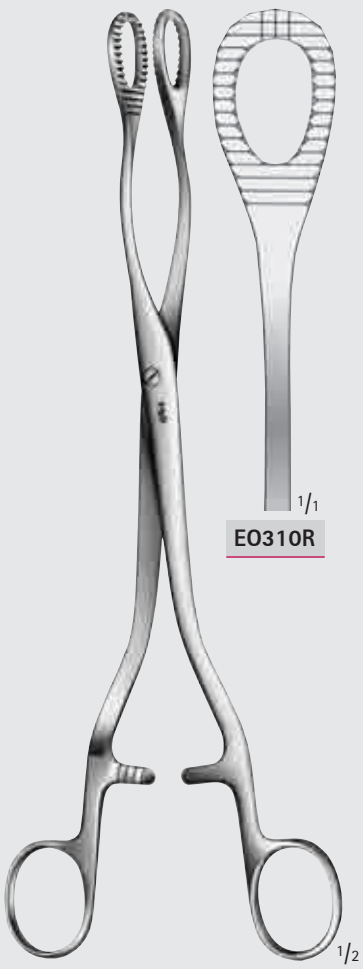
AN711R

HEYWOOD-SMITH MODIF.

AN711R

215 mm, 8 1/2"

INCHES



HEYWOOD-SMITH

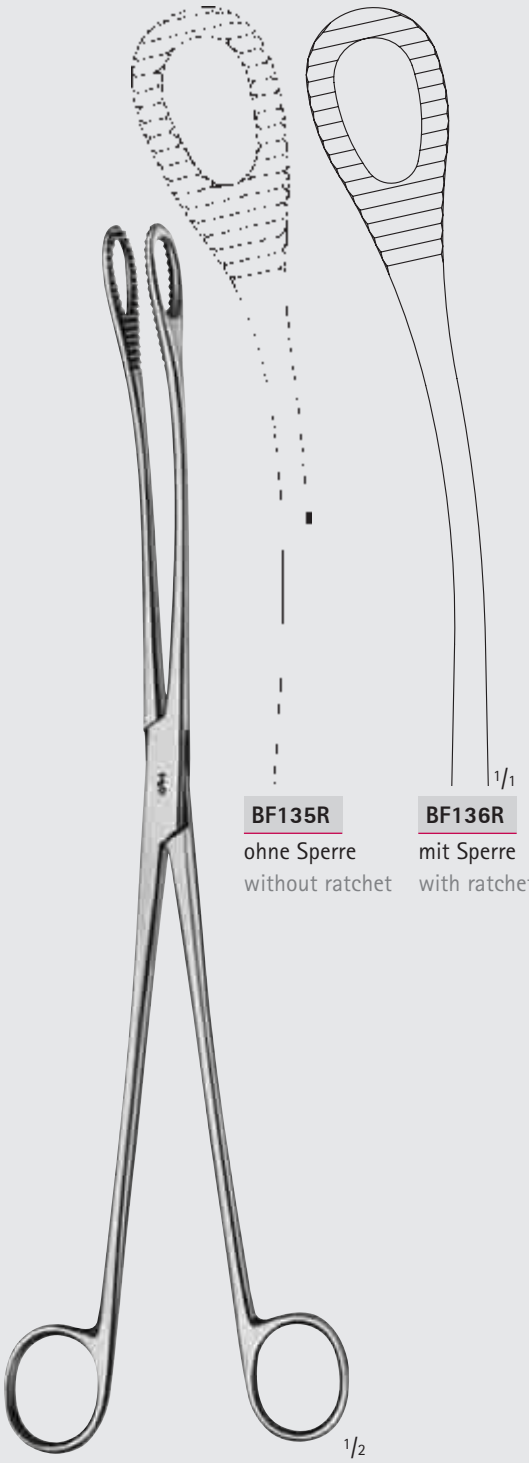
EO310R

250 mm, 10″

NOTO

EO315R

280 mm, 11″



BF135R
ohne Sperre
without ratchet

BF136R
mit Sperre
with ratchet

KELLY

BF135R–BF136R

320 mm, 12 3/4″

Korn- und Tupferzangen – Sponge- and Dressing Forceps

Sehnenfasszangen
Tendon Seizing Forceps

HERZ

BF303R

Sehnenfasszange
Tendon seizing forceps
155 mm, 6"

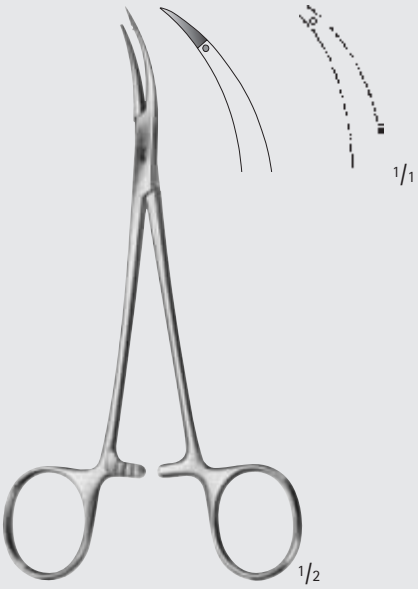
JACKSON

BF306R

Sehnenfasszange
4 x 5 Zähne
Tendon seizing forceps
4 x 5 teeth
150 mm, 6"

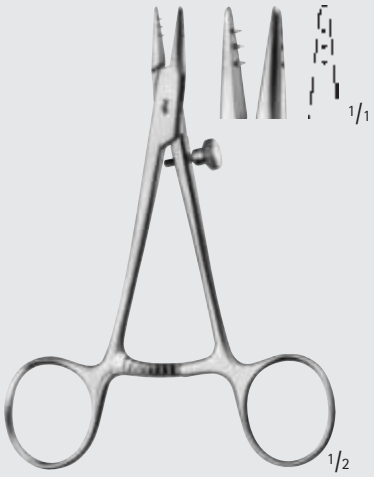
FO950R

Sehneneinflechtklemme
Tendon interlacing forceps
150 mm, 6"



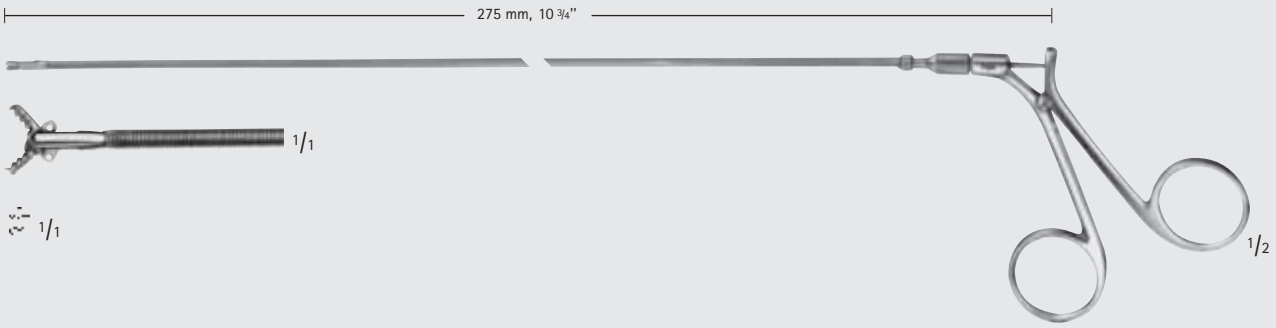
FO951R

Sehneneinflechtklemme
Tendon interlacing forceps
150 mm, 6"



BF307R

Sehnenfasszange
Tendon seizing forceps
120 mm, 4 3/4"



JÄGER

BF325R

Sehnen- und Kreuzband-Durchziehzange
flexibler Schaft

Tendon- and cross ligament passing forceps
flexible shaft

BF315R	BF316R	BF324R	BF326R
gebogen curved	gebogen curved	gerade straight	gerade straight
150 mm 6"	185 mm 7 1/4"	150 mm 6"	185 mm 7 1/4"

BRAND

BF315R–BF326R

Sehnenführungszangen

Tendon holding forceps

KLEINERT-KUTZ

BF320R

Sehnendurchziehzange

Tendon passing forceps

205 mm, 8"

Korn- und Tupferzangen – Sponge- and Dressing Forceps

Arterien- und Gewebefasszangen
Artery Traction- and Tissue Grasping Forceps

weitere Gewebefasszangen siehe Rubrik EA
further Tissue grasping forceps see section EA

2 x 3 Zähne
2 x 3 teeth

POIRIER

BF299R

125 mm, 5"

2 x 3 Zähne, scharf
2 x 3 teeth, sharp

CHAPUT

BF300R

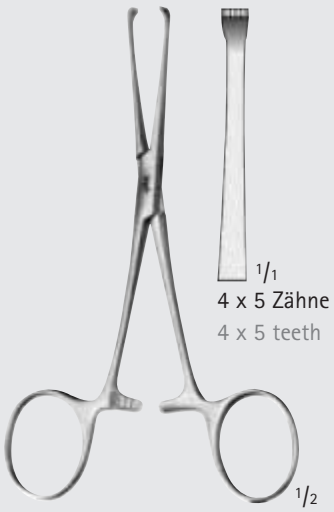
125 mm, 5"

5 x 6 Zähne, scharf
5 x 6 teeth, sharp

TUFFIER

BF301R

125 mm, 5"

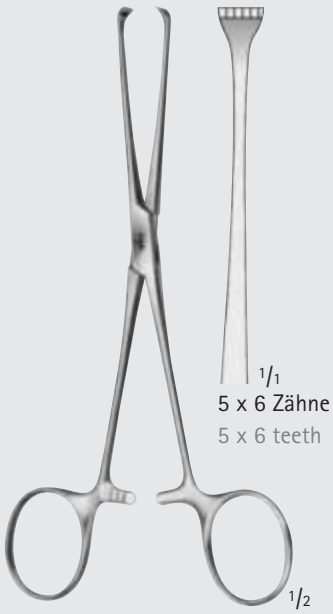


4 x 5 Zähne
4 x 5 teeth

BABY-ALLIS

EA012R

130 mm, 5 1/8"

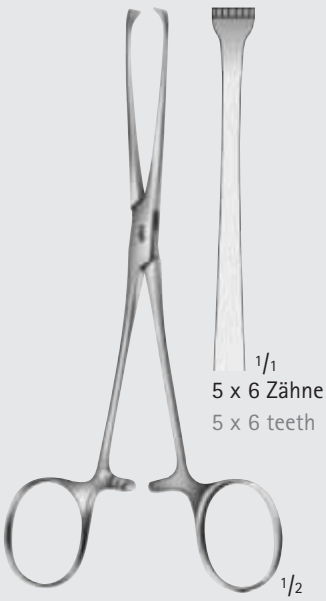


5 x 6 Zähne
5 x 6 teeth

BOYS-ALLIS

EA010R

155 mm, 6"

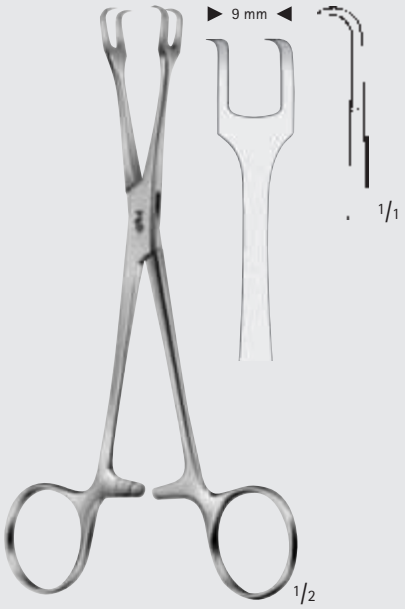


5 x 6 Zähne
5 x 6 teeth

ALLIS

EA016R

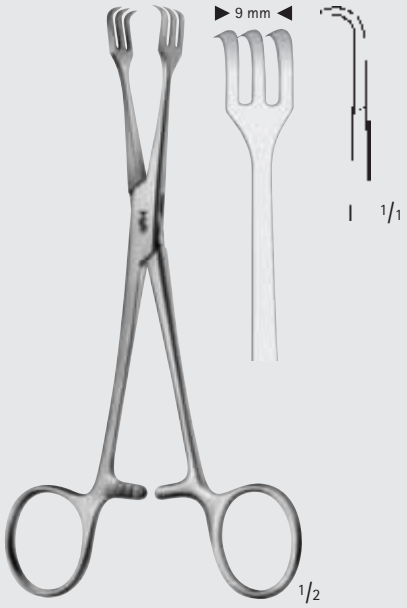
155 mm, 6"



LAHEY

BF309R

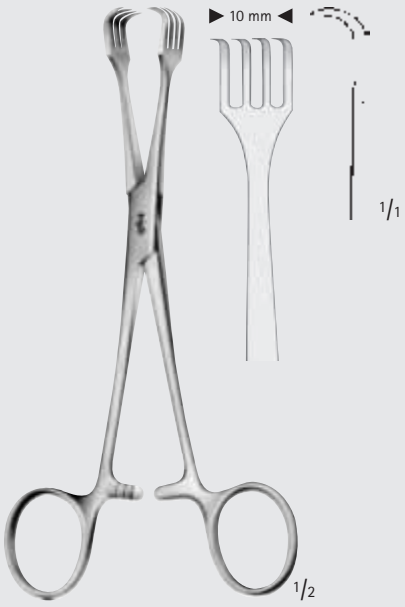
155 mm, 6"



LAHEY

BF310R

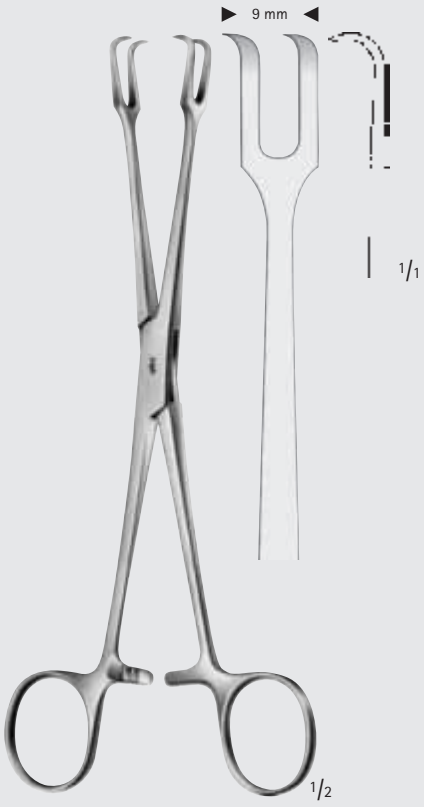
155 mm, 6"



BRAUN

BF311R

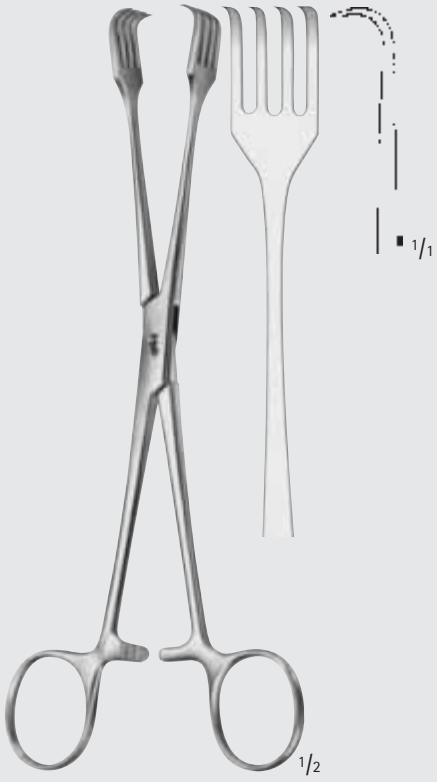
155 mm, 6"



MUSEUX

OM602R

200 mm, 8"



CZERNY

EO164R

200 mm, 8"

SCHRÖDER

EO163R

270 mm, 10 3/4"

Korn- und Tupferzangen – Sponge- and Dressing Forceps

Organ- und Gewebefasszangen

Organ- and Tissue Grasping Forceps

AESCULAP-PRATT

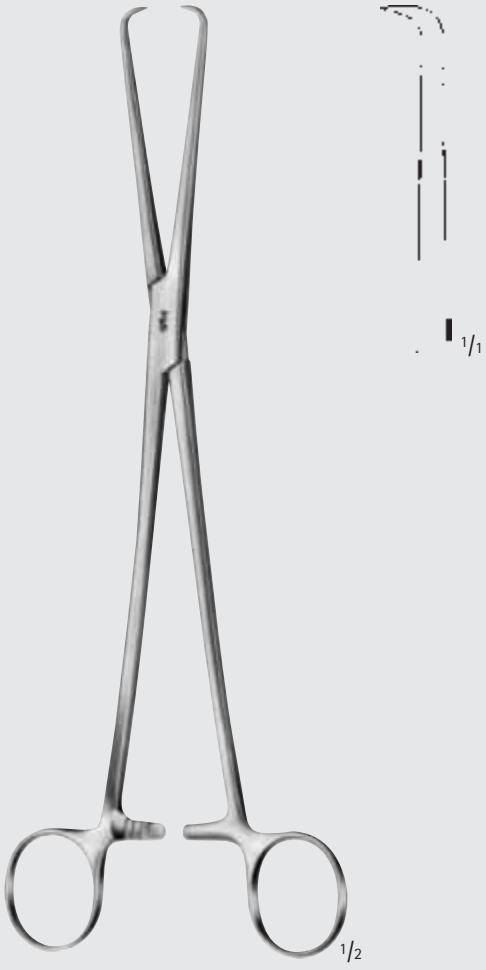
EO165R

260 mm, 10 1/4"

PRATT

EO166R

270 mm, 10 3/4"



SCHRÖDER

EO110R

250 mm, 10"

WILSON

EO112R

240 mm, 9 1/2"

Korn- und Tupferzangen – Sponge- and Dressing Forceps

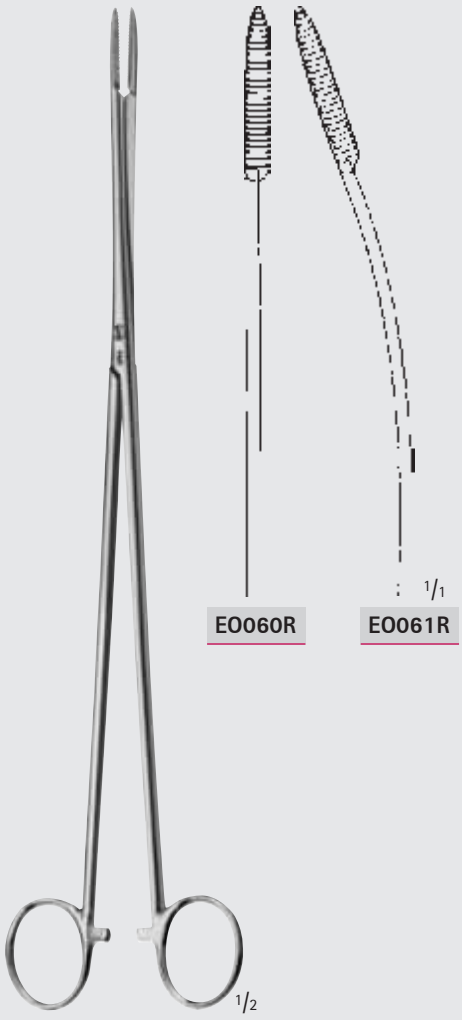
Fremdkörperzangen

Foreign Body Forceps

PITHA

EF921R

220 mm, 8 3/4"



EO060R

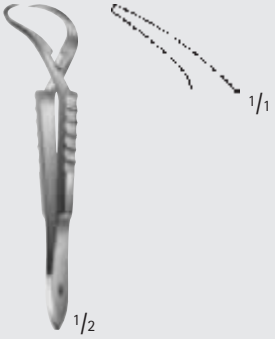
EO061R

PELKMANN

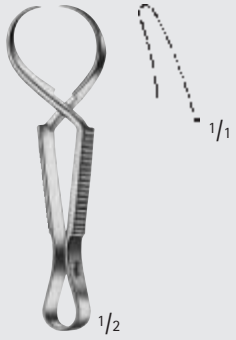
EO060R-EO061R

260 mm, 10 1/4"

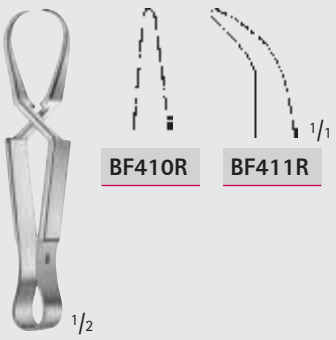
BF401R
55 mm, 2 1/8"



JONES
BF407R
85 mm, 3 3/8"



ENGL.MOD.
BF408R
85 mm, 3 3/8"



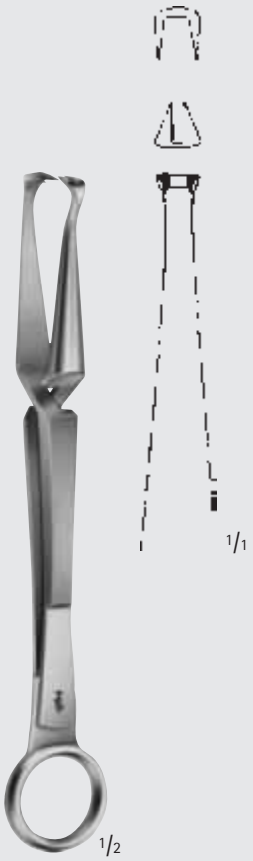
BF410R **BF411R**

SCHAEDEL
BF410R-BF411R
85 mm, 3 3/8"

Korn- und Tupferzangen – Sponge- and Dressing Forceps

Tuchklemmen

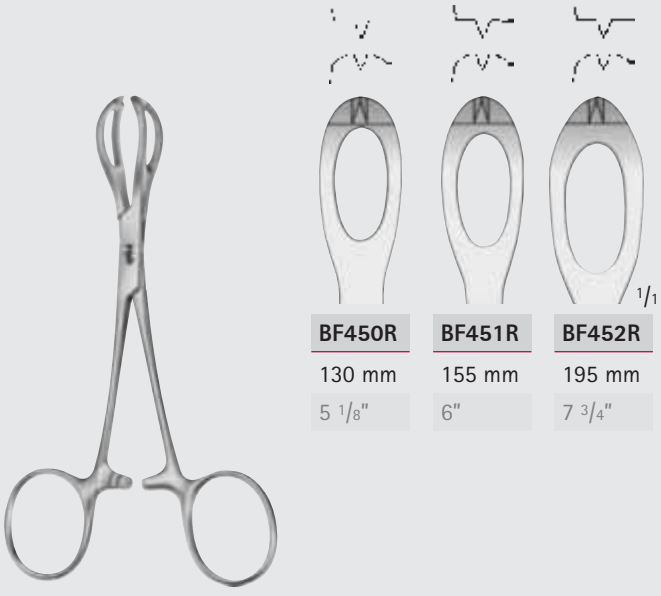
Towel Clamps



DOYEN

BF417R

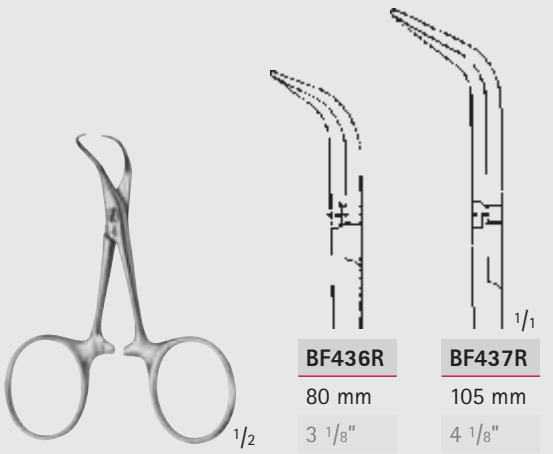
180 mm, 7"



LANE

BF450R–BF452R

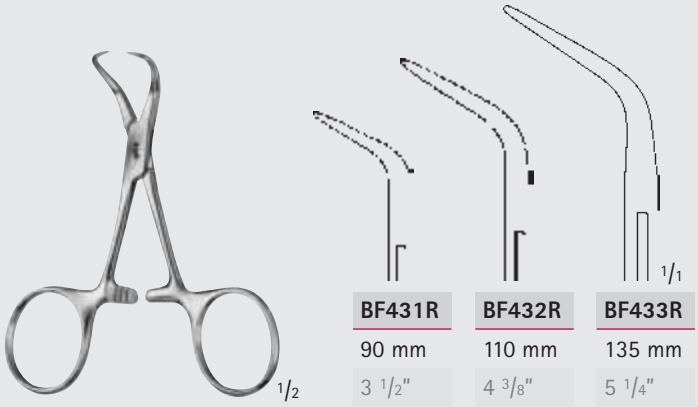
BF450R	BF451R	BF452R
130 mm	155 mm	195 mm
5 1/8"	6"	7 3/4"



BF436R	BF437R
80 mm	105 mm
3 1/8"	4 1/8"

BACKHAUS

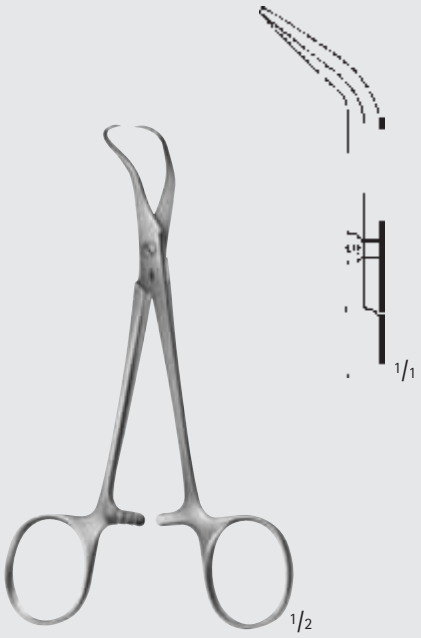
BF436R–BF437R



BF431R	BF432R	BF433R
90 mm	110 mm	135 mm
3 1/2"	4 3/8"	5 1/4"

BACKHAUS

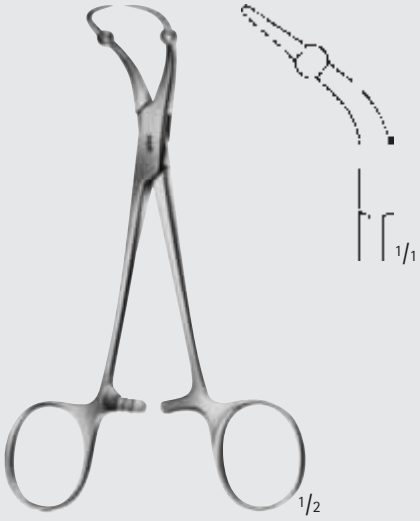
BF431R–BF433R



BACKHAUS-KOCHER

BF444R

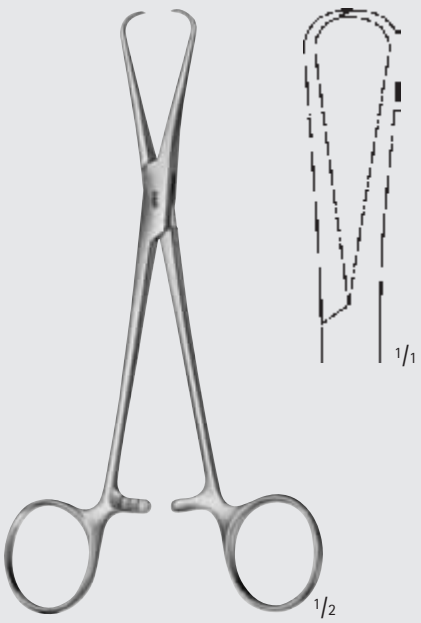
135 mm, 5 1/4"



ROEDER

BF448R

135 mm, 5 1/4"



BERNHARD

BF426R

160 mm, 6 1/4"

Korn- und Tupferzangen – Sponge- and Dressing Forceps

Tuchklemmen

Towel Clamps

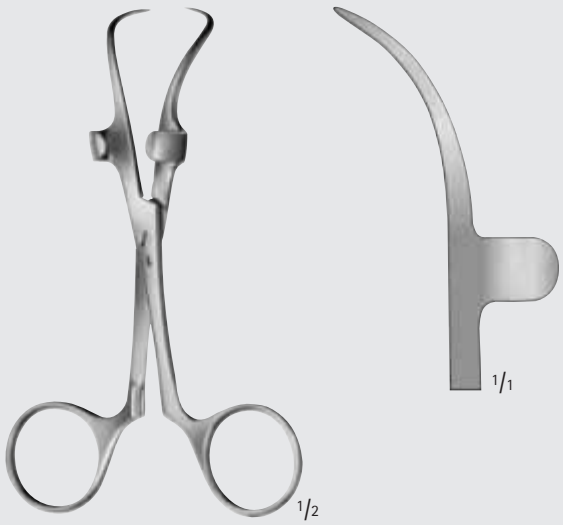
ROBIN

BF439R

mit Kabelhalterung bis 5 mm Kabelstärke

with holders for cable up to 5 mm

135 mm, 5 1/4"



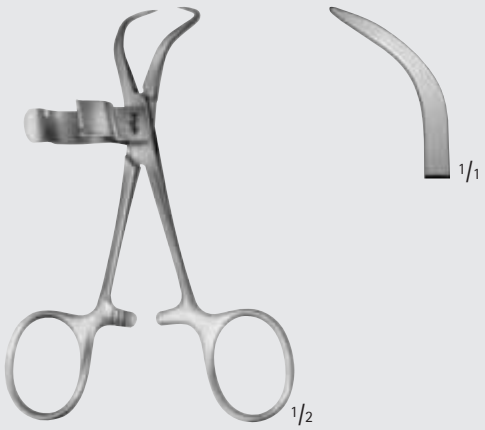
ROBIN

BF440R

mit Schlauchhalterung bis 13 mm Schlauchstärke

with holders for tubing up to 13 mm

135 mm, 5 1/4"

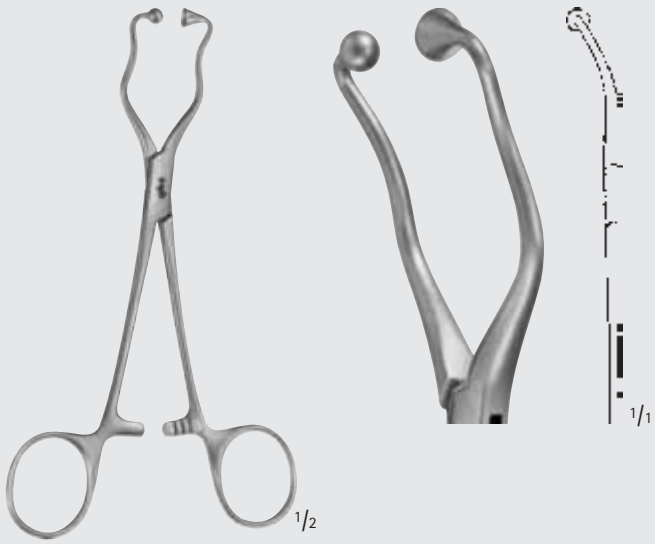


BF442R

mit Schlauchhalterung bis 15 mm Schlauchstärke

with holders for tubing up to 15 mm

110 mm, 4 3/8"



BF443R

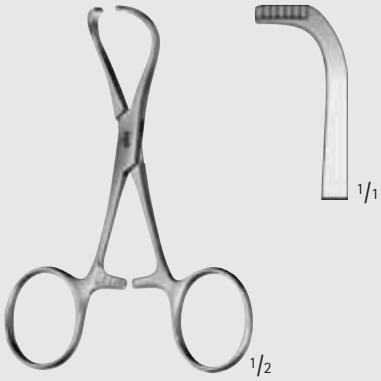
Doppelschlauch-Fixierklemme atraumatische Fassfläche

Tube fixation forceps with atraumatic jaw parts

140 mm, 5 1/2"

Besonders geeignet für HLM-Schläuche in der Herzchirurgie

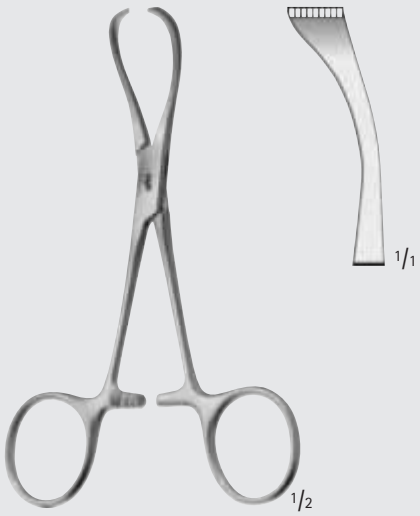
Especially suitable for HLM tubes for cardiovascular surgery



LORNA

BF461R

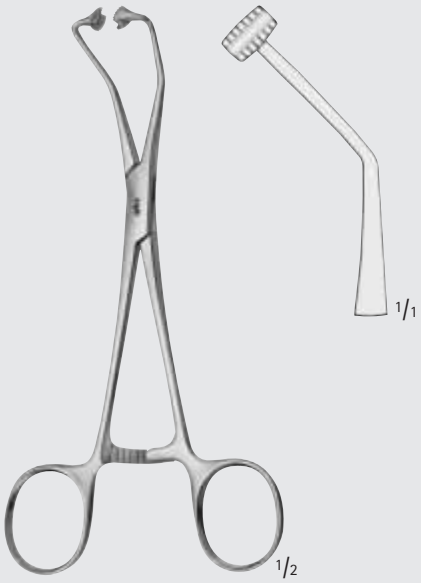
nicht perforierend
non-perforating
95 mm, 3 3/4"



LORNA

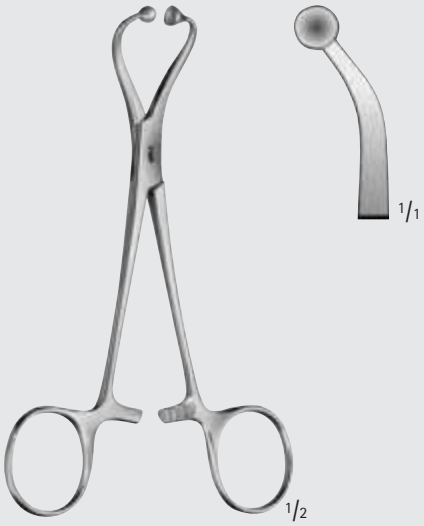
BF463R

nicht perforierend
non-perforating
130 mm, 5 1/8"



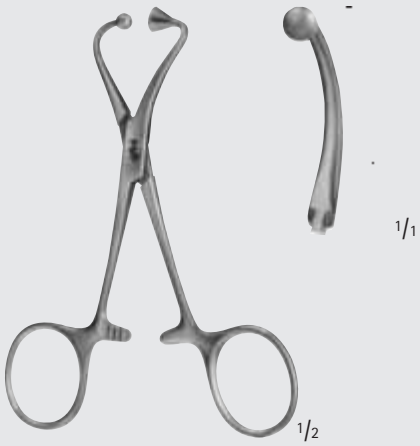
BF460R

für Papiertücher
for paper cloths
150 mm, 6"



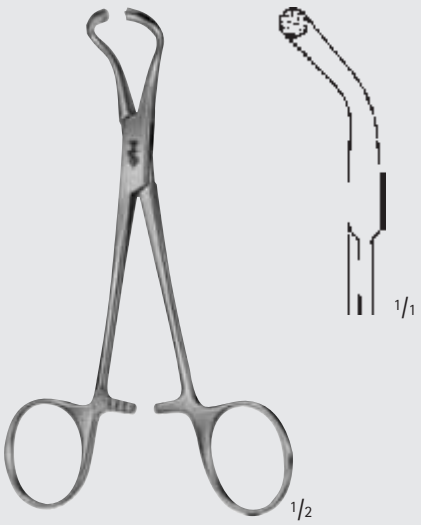
BF464R

für Papiertücher
for paper cloths
140 mm, 5 1/2"



BF465R

für Papiertücher
for paper cloths
115 mm, 4 1/2"



BF466R

für Papiertücher
for towel cloths
135 mm, 5 1/4"

Korn- und Tupferzangen – Sponge- and Dressing Forceps

Tuchklemmen

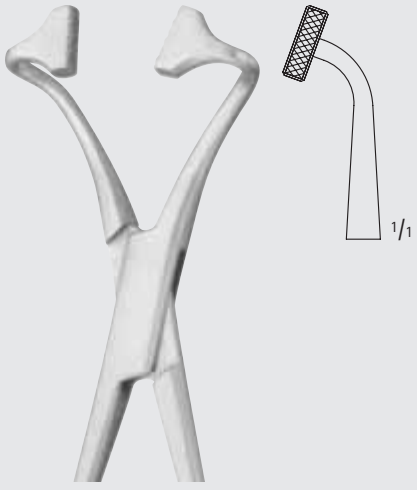
Towel Clamps

1/2

BF458R

100 mm

4"



1/1

BF459R

135 mm

5 1/4"

BF458R-BF459R

nicht perforierend

non-perforating

BUNT

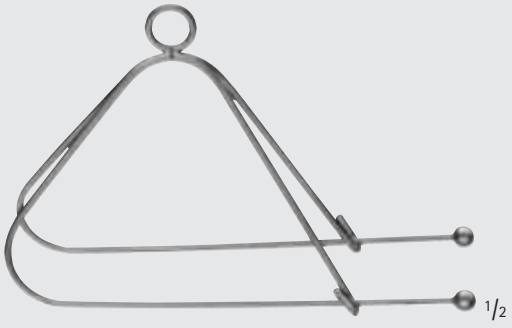
BF491R

105 mm, 4 1/8"

MAYO

BF493R

140 mm, 5 1/2"



MAYO

BF494R

doppelt
double
125 mm, 5"

INCHES

BH

Arterienklemmen, Bulldogklemmen, Gefäßclipse, Approximatoren

Haemostatic Forceps, Bulldog Clamps, Vessel Clips, Approximators

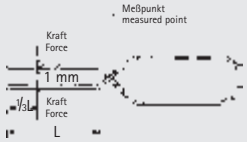
Arterienklemmen – Hemostatic Forceps

Gefäßclips nach BIEMER, Gefäßclips nach MEHDORN, Minigröße

BIEMER Vessel Clips, MEHDORN Vessel Clips, Mini Size

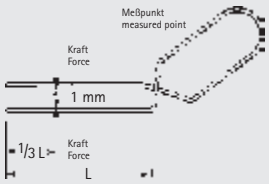
für temporären Gebrauch

- Maulinnenflächen schräg gerieft, für schonendes, sicheres Festhalten der Gefäße.
- Der fest eingestellte Schließdruck gewährt risikofreie Anwendung.
- Schließkraft-Ermittlung: bei 1/3 der Gesamtmaullänge von vorn und einer Maulöffnung von 1 mm (siehe Zeichnung)



for temporary occlusion

- Blade gripping surface with oblique serrations for safe but careful gripping of vessels.
- No risk due to rigidly fixed pressure measure guarantees application without any risk.
- Closing force is measured at 1/3 of the blades at 1 mm opening (see illustration).



BIEMER

	Maul-öffnung Jaw opening	Maul-länge Jaw length	Schließkraft Closing force	Anlege-pinzette Applying forceps
FD560R	4 mm	6 mm	30 - 40 g (0,29 - 0,39 N)	**FD568R** oder / or **FD569R**
FD561R	5 mm	9 mm	30 - 40 g (0,29 - 0,39 N)	
FD562R	5 mm	9 mm	20 - 25 g (0,20 - 0,25 N)	

(gekennzeichnet durch gelb gefärbte Federenden)
für Gefäße mit Ø 0,5 - 2,0 mm.
(identified by yellow colored spring ends)
for vessels diam. 0.5 - 2.0 mm.

MEHDORN

	Maul-öffnung Jaw opening	Maul-länge Jaw length	Schließkraft Closing force	Anlege-pinzette Applying forceps
FD552R	4 mm	1,0 mm	10 - 15 g (0,10 - 0,15 N)	**FD578R**
FD554R	4 mm	1,4 mm	15 - 20 g (0,15 - 0,20 N)	
FD556R	6 mm	1,0 mm	10 - 15 g (0,10 - 0,15 N)	
FD558R	6 mm	1,4 mm	15 - 20 g (0,15 - 0,20 N)	

(gekennzeichnet durch gelb eingefärbte Federenden)
für Gefäße mit Ø 0,5 - 1,5 mm (extra-intracraniale Anastomosen).
(identified by yellow colored spring ends)
for vessels diam. 0.5 - 1.5 mm (extra-intercranial anastomosis).

1/2

FD568R
ohne Schloss
without lock

1/2

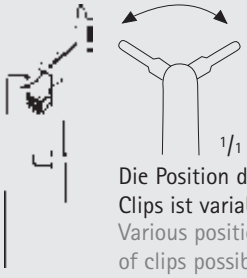
FD569R
mit Schloss
with lock

BIEMER

FD568R-FD569R

Anlegepinzetten für Gefäßclips nach BIEMER und Approximatoren nach BIEMER-MÜLLER und MÜLLER
Applying forceps for BIEMER vessel clips and BIEMER-MÜLLER and MÜLLER approximators
140 mm, 5 1/2"

1/2



Die Position des Clips ist variabel
Various positions of clips possible

MEHDORN

FD578R

Anlegepinzette für Gefäßclips nach MEHDORN
Applying forceps for MEHDORN vessel clips
150 mm, 6"

Arterienklemmen – Hemostatic Forceps

Approximatoren, nach BIEMER-MÜLLER, BIEMER

BIEMER-MÜLLER Approximators

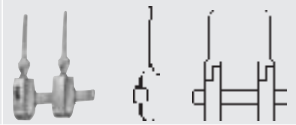
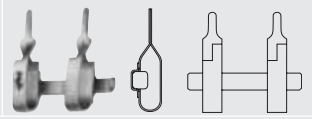
für Mikro-Gefäßanastomosen im oberflächlichen Bereich

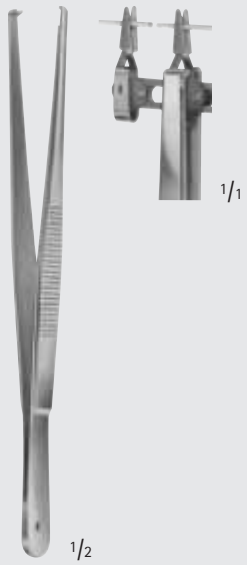
- Maulinnenflächen schräg gerieft, für schonendes, sicheres Festhalten der Gefäßenden.
- Der fest eingestellte Schließdruck garantiert risikofreie Anwendung.
- Der Abstand zwischen den Clips ist durch einfaches Verschieben variabel und wird durch Verkantung selbsttätig fixiert.
- Die leichte Konstruktion (geringes Gewicht, kleine Dimension) ermöglicht im angelegten Zustand einfaches, verzerrrungsfreies Umdrehen, um auf der unteren Gefäßseite weiterzunähen.

for micro vessel anastomosis in the superfical range

- Blade gripping surface with oblique serrations for careful but safe holding of the vessel ends.
- No risk due to rigidly fixed pressure measure.
- Adjustable distance between the clips and automatic fixation by tilting.
- Even when applied, the lightweight construction allows easy, distortionless turning and makes suturing possible on the other side of the vessel.

BIEMER-MÜLLER

Mikro-Approximatoren Micro approximators		Maul-öffnung Jaw opening	Maul-länge Jaw length	Schließkraft Closing force	Anlege-pinzette Applying forceps
FD611R		5 mm	9 mm	25 - 30 g (0,25 - 0,29 N)	**FD568R** oder / or **FD569R**
FD612R		5 mm	9 mm	25 - 30 g (0,25 - 0,29 N)	
FD613R		5 mm	9 mm	25 - 30 g (0,25 - 0,29 N)	
FD614R		5 mm	9 mm	25 - 30 g (0,25 - 0,29 N)	
FD615R		3 mm	4,5 mm	25 - 30 g (0,25 - 0,29 N)	
BIEMER					
FD571R		4 mm	6 mm	30 - 40 g (0,29 - 0,39 N)	**FD572R**



BIEMER

FD572R

Anlegepinzette für Gefäß-Approximator nach BIEMER
Applying forceps for BIEMER vessel approximator
145 mm, 5 3/4"

Arterienklemmen – Hemostatic Forceps

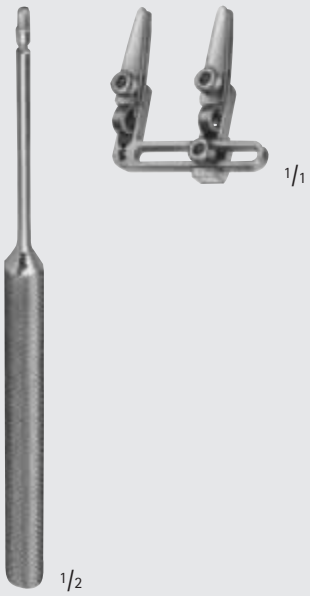
Approximator, Nerv-Approximator nach BIEMER
Approximator, BIEMER Approximator for Nerves

für Mikro-Gefäßanastomosen im tieferen Bereich, außerdem für experimentelle Chirurgie

- Maulinnenflächen schräg gerieft, für schonendes, sicheres Festhalten der Gefäßenden.
- Der Schließdruck wird mit dem Schlüssel FD576R eingestellt.
- Der Abstand zwischen den Clips ist variabel und wird mit dem Schlüssel FD576R fixiert.

for micro vessel anastomosis in the deeper range, also for experimental surgery

- Blade gripping surface with oblique serrations for careful but safe holding of the vessel ends.
- The pressure measure is adjusted with key FD576R.
- The distance between the clips is variable and fixed with key FD576R.



FD575R

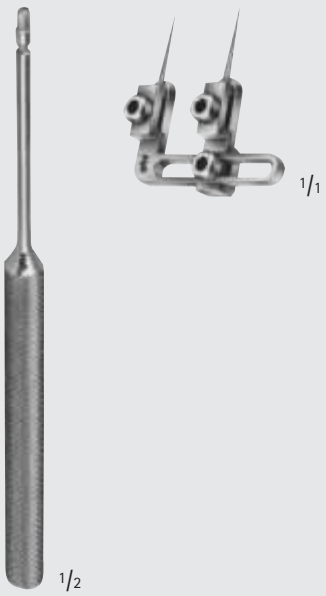
Approximator komplett, mit Schlüssel FD576R
Approximator complete, with key FD576R

zur sicheren Adaption bei Nervanastomosen

- Das Durchstrecken des Nervenzentrum **mit feinen Nadeln** verhindert stärkere pathologische Veränderungen.
- Nadeln mit Schlüssel FD576R auswechselbar.
- Abstand zwischen den Nadeln variabel und mit Schlüssel FD576R fixierbar.

for safe adaption of nerve anastomoses

- Piercing the nerve centre **with fine needles** prevents strong pathological changes.
- Needles can be exchanged with key FD576R.
- Distance between the needles is variable and can be fixed with key FD576R.



BIEMER

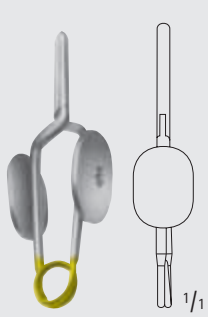
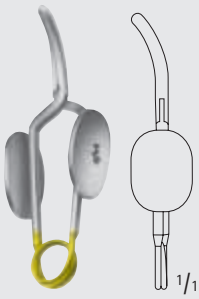
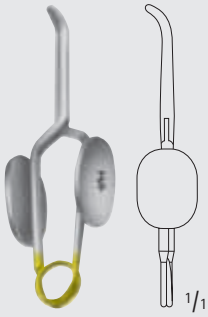
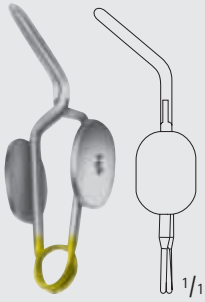
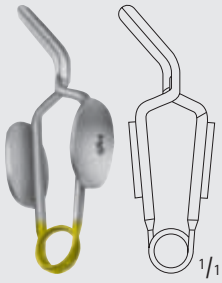
FD635R

Nerv-Approximator komplett, mit Schlüssel FD576R

Approximator for nerves complete, with key FD576R

FD636R

1 Paar Ersatznadeln
1 pair of spare needles

Schließdruck Closing force	 1/1	 1/1	 1/1	 1/1	 1/1
50 g	**FE010K**	**FE011K**	**FE012K**	**FE013K**	**FE014K**
80 g	**FE020K**	**FE021K**	**FE022K**	**FE023K**	**FE024K**
	gerade straight	gebogen curved	Spitze gebogen curved tips	zur Seite abgewinkelt angled to side	kniegebogen knee-bent

MÜLLER

FE010K–FE024K

Temporäre Gefäßclips mit atraumatischem Maulprofil
Non-traumatic vessel clips, temporary

1/1

1/1

Maulprofil fein kariert
jaw profiles, finally cross-serrated

MÜLLER

FE005K

Fadenklemme
Ligature Forceps

Arterienklemmen – Hemostatic Forceps

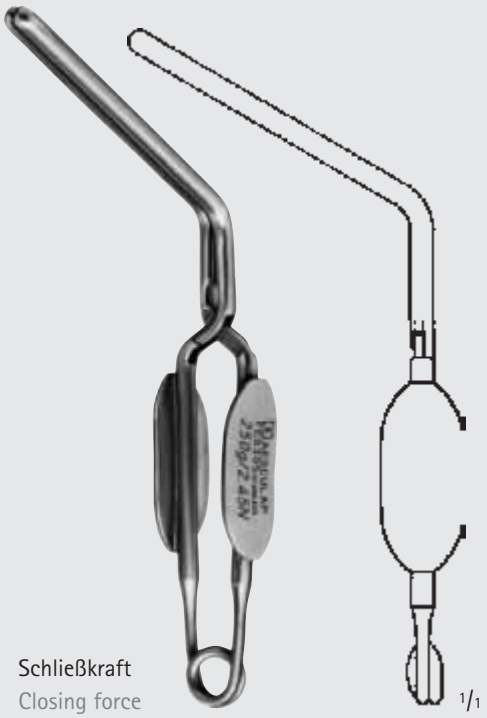
Gefäßclips
Vascular Clips

Gefäßclips nach MÜLLER

Merkmale:
- Atraumatisches Maulprofil
- Beidseitig angebrachte Griffplateaus zum sicheren Anlegen und Abnehmen des Clips.
- Exakt definierter Schließdruck für arterielle und venöse Gefäße.
- Gefäßclips eindeutig mit Schließdruck gekennzeichnet.
- Geschlossener Maulkasten zur sicheren Maulführung. Kein ungewolltes Verfangen des Fadens möglich.

MÜLLER Vascular Clips

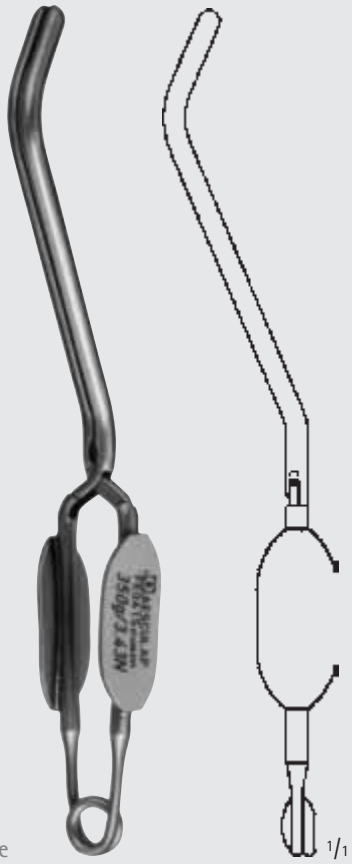
Features:
- Atraumatic mouth profile
- Handle plateau mounted on both sides for secure application and removal of the clip.
- Exactly definied closing pressure for arterial and venous vessels.
- Vascular clips are clearly marked with closing pressure.
- Closed mouth box guarantees precise guidance of the working tips. No risk of threads getting tangled up in clip.



Schließkraft
Closing force

1/1

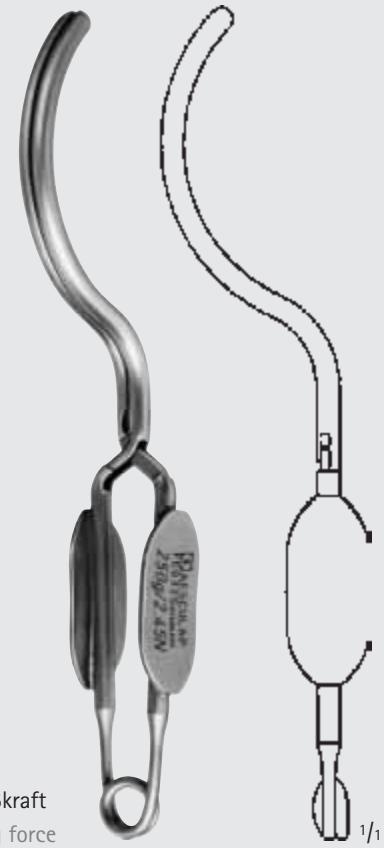
	MÜLLER
250 g	**FE030S**
350 g	**FE040S**
	gerade straight



Schließkraft
Closing force

1/1

	MÜLLER
250 g	**FE031S**
350 g	**FE041S**
	gebogen curved



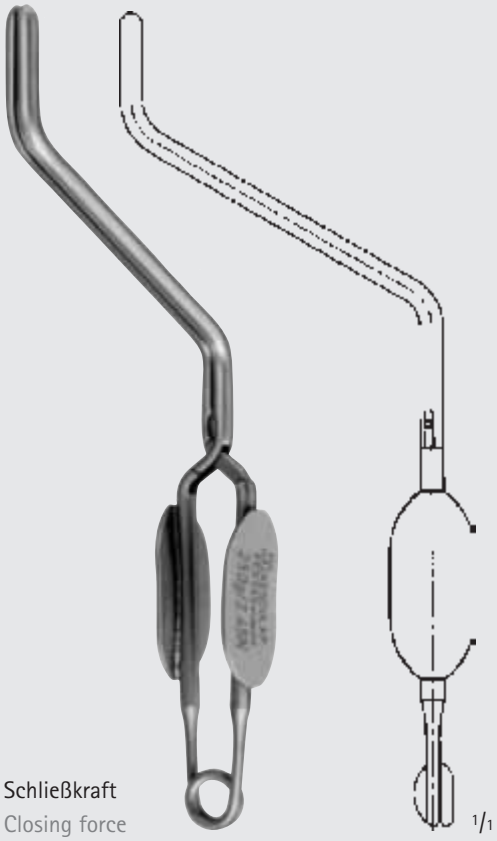
Schließkraft
Closing force

1/1

MÜLLER

250 g	**FE032S**
350 g	**FE042S**

Spitze gebogen
curved tips



Schließkraft
Closing force

1/1

MÜLLER

250 g	**FE034S**
350 g	**FE044S**

kniegebogen
knee-bent

Arterienklemmen – Hemostatic Forceps

Bulldogklemmen
Bulldog Clamps

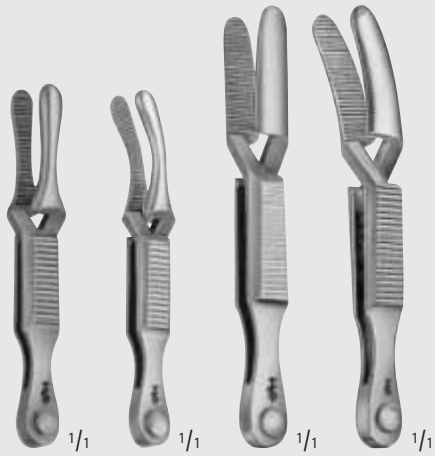
JOHNS-HOPKINS

BH018R

Zange zum Anlegen und Abnehmen der Bulldogklemmen BH011R - BH031R und FB420R - FB427R

Forceps for applying and removing bulldog clamps BH011R - BH031R and FB420R - FB427R

240 mm, 9 3/4"



BH020R **BH021R** **BH026R** **BH027R**
BH022R **BH023R**

DIEFFENBACH

	Gesamtlänge: Total length:	Maullänge: Jaw length:
BH020R	38 mm, 1 1/2"	12 mm, 1/2"
BH022R	48 mm, 2"	16 mm, 5/8"
BH021R	38 mm, 1 1/2"	12 mm, 1/2"
BH023R	48 mm, 2"	16 mm, 5/8"
BH026R	58 mm, 2 1/8"	16 mm, 5/8"
BH027R	58 mm, 2 1/8"	16 mm, 5/8"

BH011R-BH017R

JOHNS-HOPKINS

	Gesamtlänge Total length:	Maullänge: Jaw length:
BH011R	38 mm, 1 1/2"	12 mm, 1/2"
BH012R	48 mm, 2"	17 mm, 5/8"
BH013R	56 mm, 2 1/8"	25 mm, 1"
BH014R	63 mm, 2 1/2"	30 mm, 1 3/16"
BH015R	70 mm, 2 3/4"	33 mm, 1 1/4"
BH016R	80 mm, 3 1/8"	42 mm, 1 3/4"
BH017R	91 mm, 3 1/2"	52 mm, 2"

1/1

DE BAKEY-HESS

	BH030R
Gesamtlänge:	34 mm
Total length:	1 3/8""
Maullänge:	20 mm
Jaw length:	3/4"

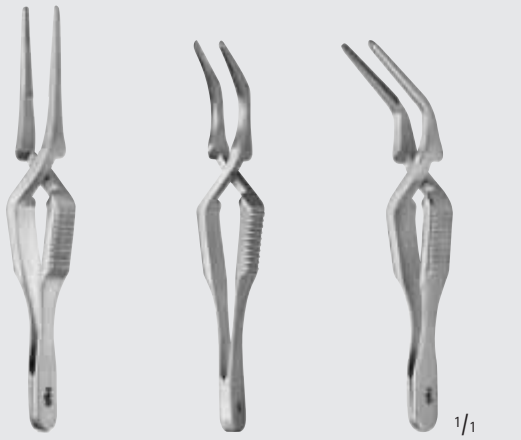
1/1

	FB328R	FB329R	FB330R	FB331R
Gesamtlänge:	35 mm	35 mm	45 mm	45 mm
Total length:	1 3/8"	1 3/8"	1 3/4"	1 3/4"
Maullänge:	14 mm	14 mm	19 mm	19 mm
Jaw length:	1/2"	1/2"	3/4"	3/4"

1/1

DE BAKEY-HESS

	BH031R
Gesamtlänge:	43 mm
Total length:	1 7/10"
Maullänge:	30 mm
Jaw length:	1 3/16"


1/1

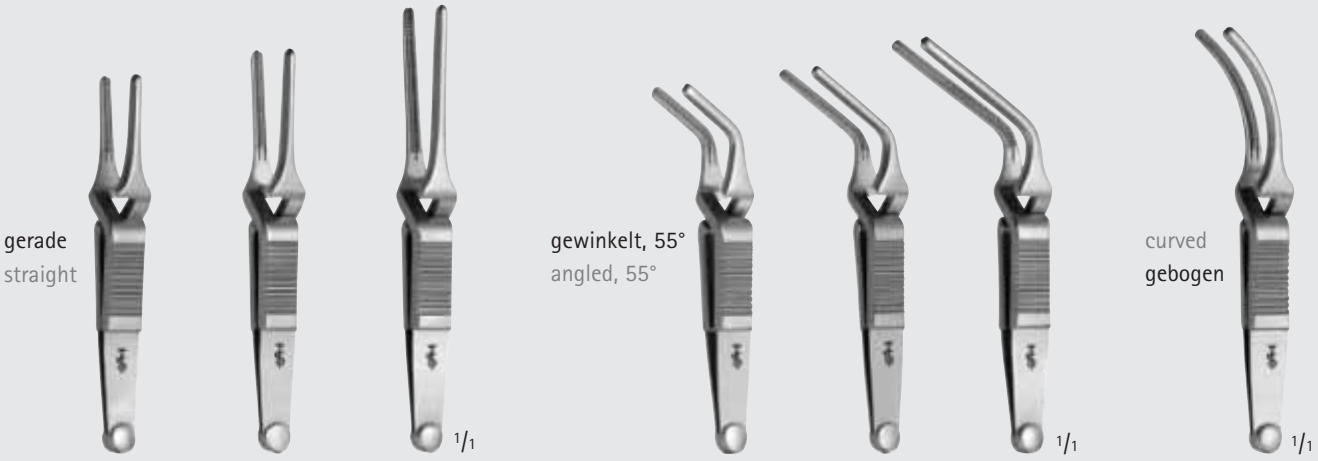
	DIETHRICH MB285R	DIETHRICH BH032R	DIETHRICH BH034R
Gesamtlänge:	55 mm	48 mm	48 mm
Total length:	2 1/8"	1 7/8"	1 7/8"
Maullänge	13 mm	10 mm	13 mm
Jaw length:	1/2"	3/8"	1/2"

Arterienklemmen – Hemostatic Forceps

Bulldogklemmen
Bulldog Clamps

BH

Mini-Bulldogklemmen
Schließdruck 180 g
Mini-bulldog clamps
Closing force 180 g



	FB362R	FB364R	FB366R	FB363R	FB365R	FB367R	FB369R
Gesamtlänge:	50 mm	55 mm	60 mm	50 mm	50 mm	55 mm	55 mm
Total length:	2"	2 1/8"	2 3/8"	2"	2"	2 1/8"	2 1/8"
Maullänge:	10 mm	14 mm	20 mm	10 mm	14 mm	20 mm	20 mm
Jaw length:	3/8"	1/2"	3/4"	3/8"	1/2"	3/4"	3/4"

	DE BAKEY FB352R	DE BAKEY FB353R	GLOVER FB431R	DE BAKEY FB357R	DE BAKEY FB358R	DE BAKEY FB359R
Gesamtlänge:	50 mm	48 mm	52 mm	73 mm	99 mm	95 mm
Total length:	2"	2"	2"	2 3/4"	4"	3 1/2"
Maullänge:	27 mm	27 mm	35 mm	38 mm	63 mm	54 mm
Jaw length:	1 1/8"	1 1/8"	1 1/3"	1 1/2"	2 1/2"	2 1/8"

INCHES

	DE BAKEY FB420R	DE BAKEY FB422R	DE BAKEY FB424R	DE BAKEY FB426R	DE BAKEY FB421R	DE BAKEY FB423R	DE BAKEY FB425R	DE BAKEY FB427R
Gesamtlänge:	80 mm	90 mm	105 mm	124 mm	78 mm	86 mm	97 mm	114 mm
Total length:	3 1/8"	3 1/2"	4 1/8"	5"	3 1/8"	3 3/8"	3 3/4"	4 1/2"
Maullänge:	25 mm	35 mm	50 mm	68 mm	23 mm	31 mm	42 mm	58 mm
Length of jaw:	1"	1 3/8"	2"	2 3/4"	1"	1 1/8"	1 3/4"	2 3/8"

	GLOVER FB432R	GLOVER FB434R	GLOVER FB436R	GLOVER FB433R	GLOVER FB435R	GLOVER FB437R
Gesamtlänge:	68 mm	96 mm	117 mm	65 mm	91 mm	110 mm
Total length:	2 3/4"	3 3/4"	4 3/4"	2 1/2"	3 1/2"	4 3/8"
Maullänge:	33 mm	50 mm	69 mm	33 mm	50 mm	69 mm
Length of jaw:	1 3/8"	2"	2 3/4"	1 3/8"	2"	2 3/4"

Arterienklemmen – Hemostatic Forceps

Feine Arterieklemmen

Delicate Hemostatic Forceps

CARREL

BH100R

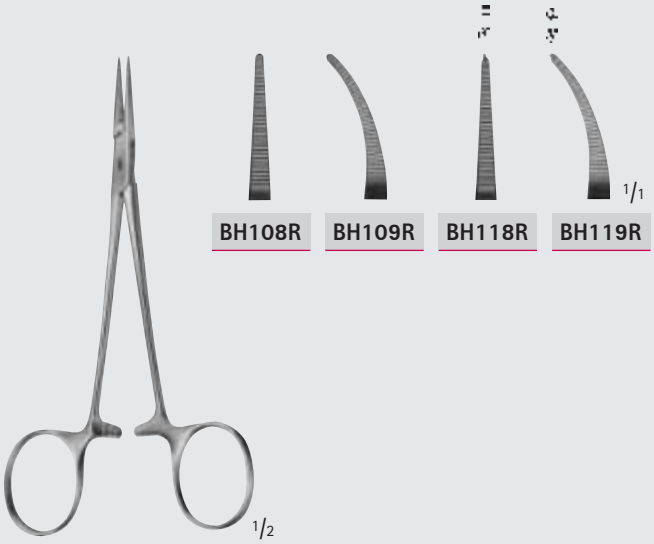
85 mm, 3 3/8"

BABY-MOSQUITO
(HARTMANN)

BH104R–BH115R

100 mm, 4"

BH104R **BH105R** **BH114R** **BH115R**

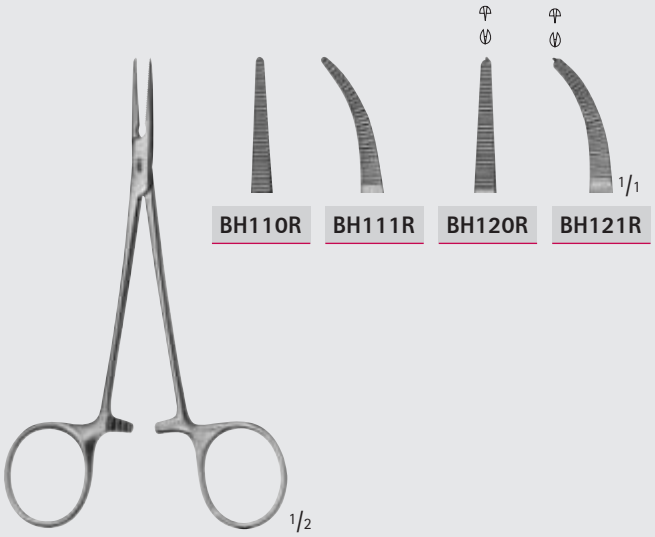


MICRO-HALSTED

BH108R–BH119R

125 mm, 5"

BH108R **BH109R** **BH118R** **BH119R**

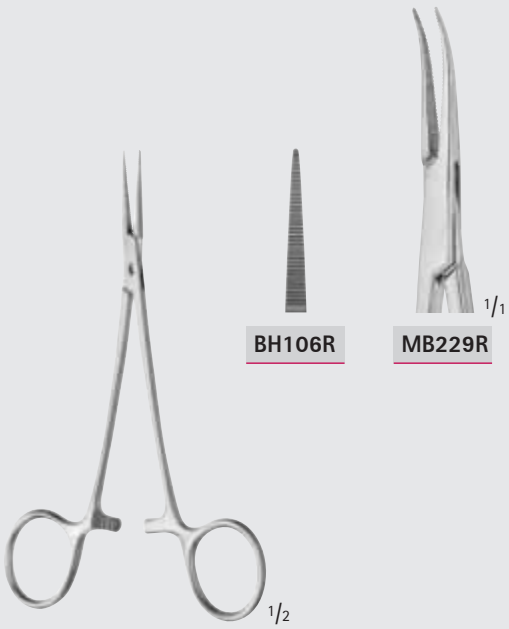


HALSTED-MOSQUITO

BH110R–BH121R

125 mm, 5"

BH110R **BH111R** **BH120R** **BH121R**



JACOBSON

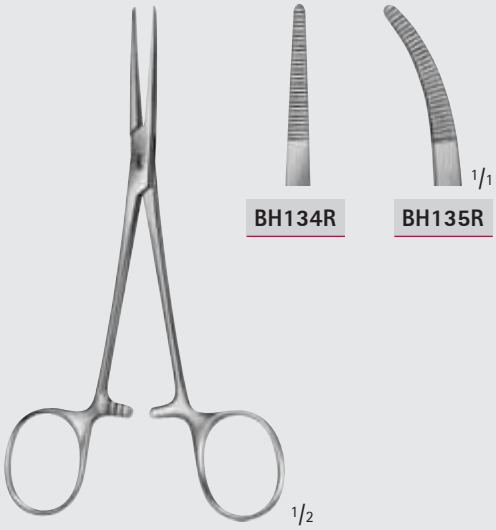
BH106R–MB229R

125 mm, 5"

PROVIDENCE-HOSPITAL

BH130R–BH131R

140 mm, 5 1/2"



KELLY

BH134R–BH135R

140 mm, 5 1/2"

DANDY

BH139R–BH143R

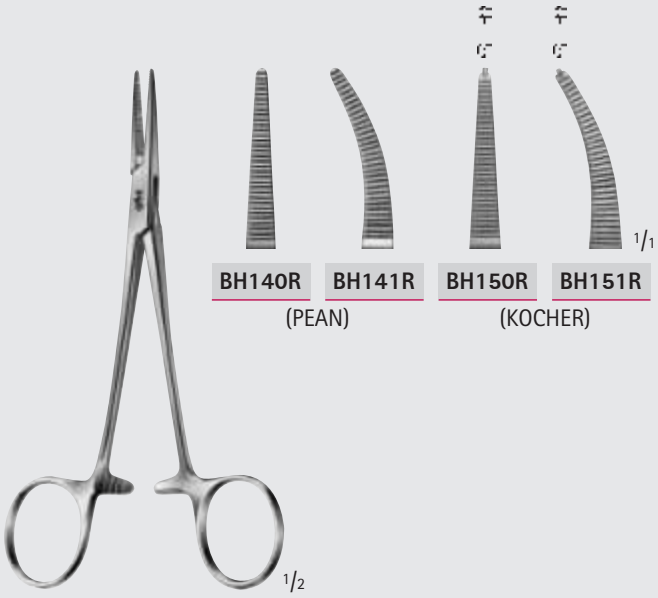
seitwärts gebogen
curved to side

140 mm, 5 1/2"

Arterienklemmen – Hemostatic Forceps

Feine Arterienklemmen

Delicate Hemostatic Forceps

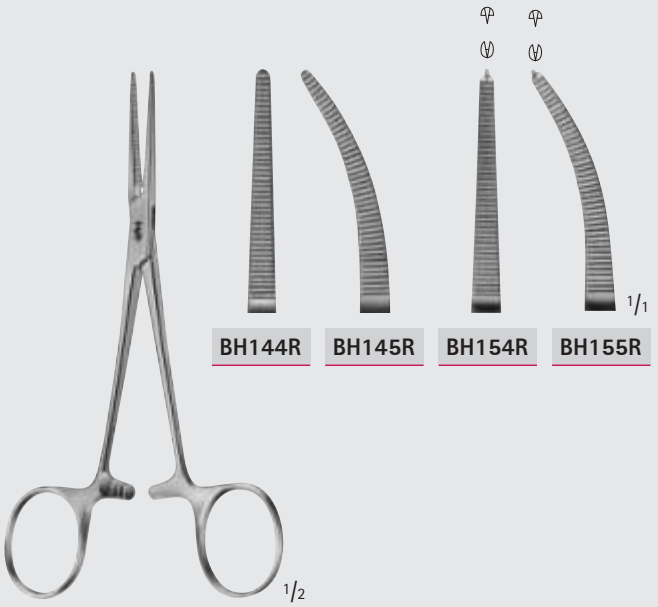


BH140R (PEAN) **BH141R** **BH150R** (KOCHER) **BH151R**

BABY-CRILE

BH140R–BH151R

140 mm, 5 1/2"



BH144R **BH145R** **BH154R** **BH155R**

CRILE

BH144R–BH155R

140 mm, 5 1/2"

DUNHILL

BH123R

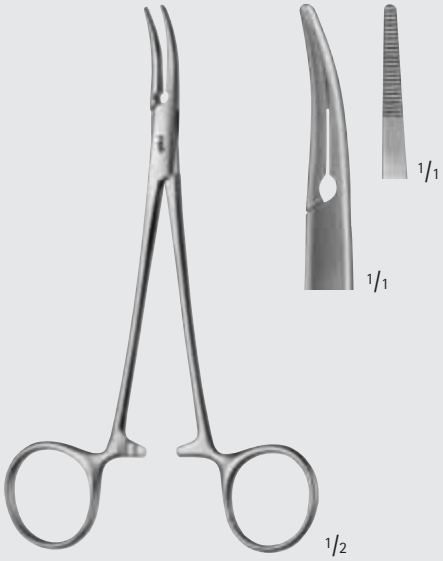
125 mm, 5"

BH124R | BH125R

CAIRNS

BH124R–BH125R

150 mm, 6"



CAIRNS

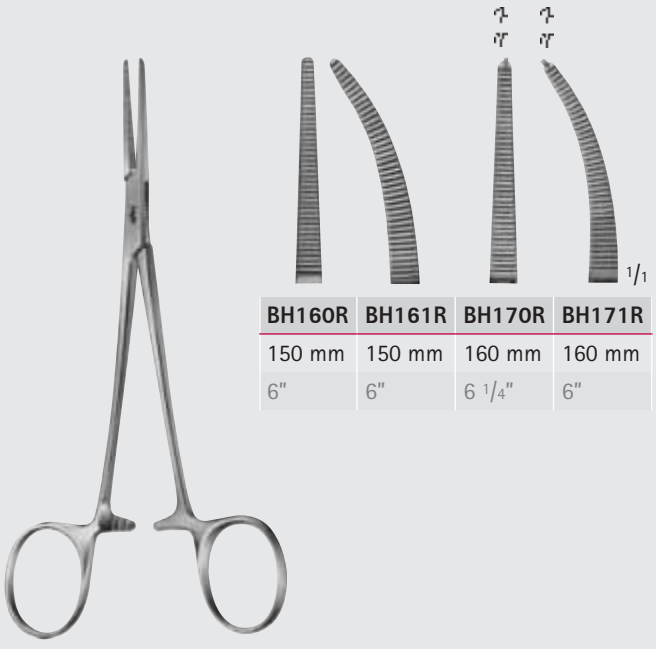
BH126R

seitwärts gebogen
curved to side
145 mm, 5 3/4"

MOYNIHAN

BH127R

150 mm, 6"



BH160R	BH161R	BH170R	BH171R
150 mm	150 mm	160 mm	160 mm
6"	6"	6 1/4"	6"

LERICHE

BH160R–BH171R

Arterienklemmen – Hemostatic Forceps

Feine Arterienklemmen

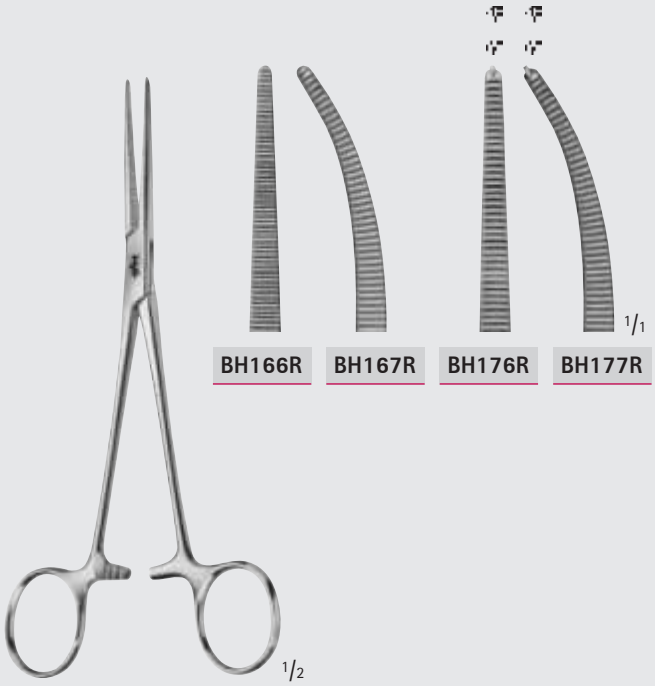
Delicate Hemostatic Forceps

BH164R BH165R

RANKIN

BH164R–BH165R

160 mm, 6 1/4"



BH166R BH167R BH176R BH177R

CRILE

BH166R–BH177R

160 mm, 6 1/4"

COLLER

MD464–MD469

MD464	MD466R	MD468	MD465R	MD467R	MD469
140 mm	165 mm	185 mm	140 mm	165 mm	185 mm
5 1/2"	6 1/2"	7 1/4"	5 1/2"	6 1/2"	7 1/4"

INCHES

BH168R BH178R

DIXON-LOVELACE

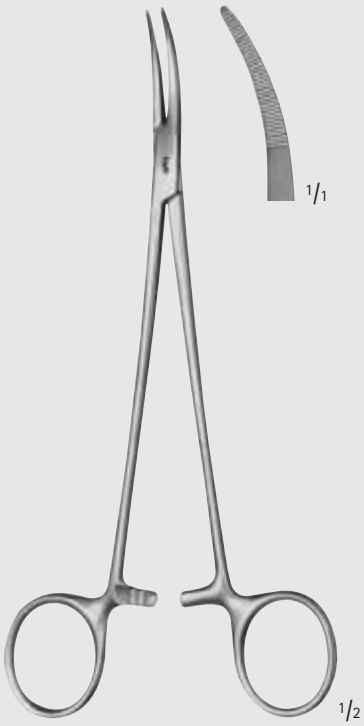
BH168R–BH178R

160 mm, 6 1/4"

FUCHSIG

BH198R

195 mm, 7 3/4"



NISSEN

BH199R

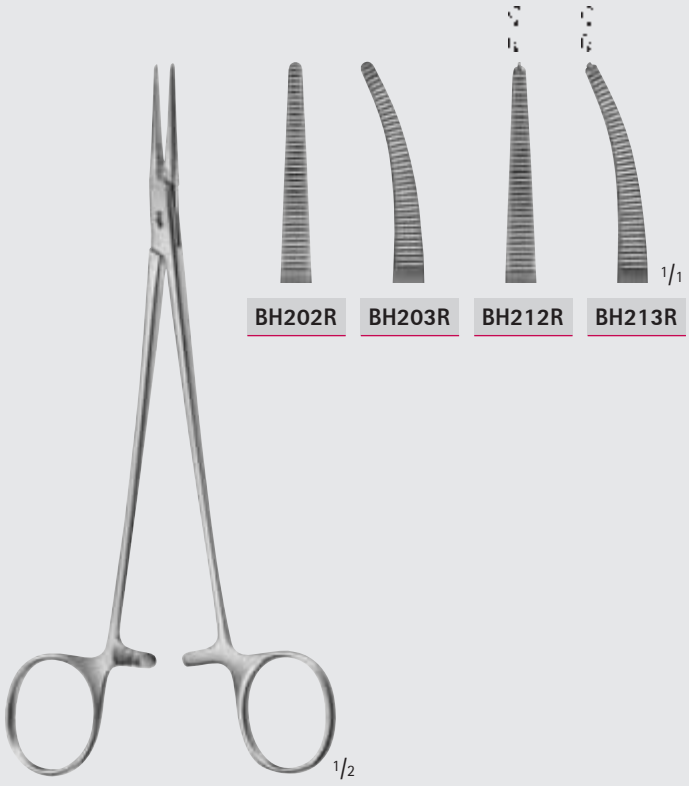
185 mm, 7 1/4"

BH200R BH201R

ADSON

BH200R–BH201R

185 mm, 7 1/4"



BH202R BH203R BH212R BH213R

HALSTED

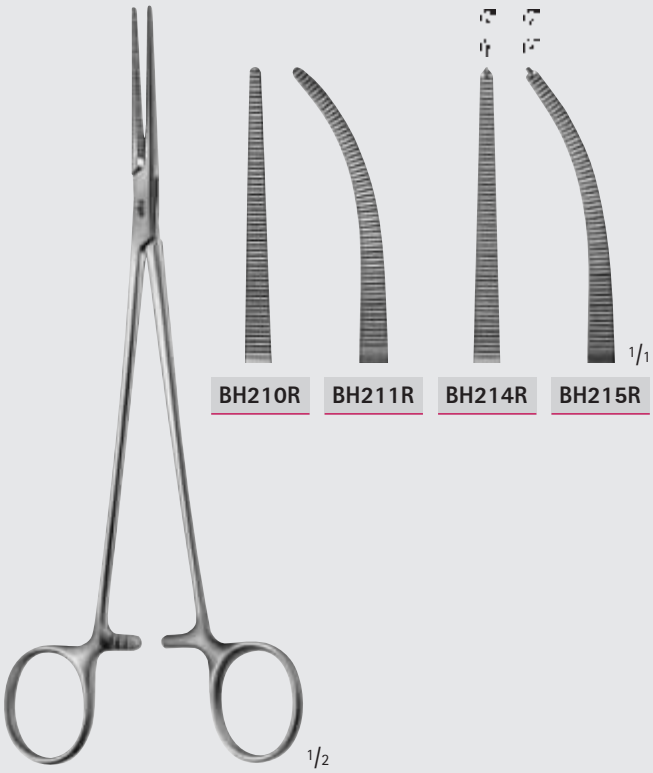
BH202R–BH213R

185 mm, 7 1/4"

Arterienklemmen – Hemostatic Forceps

Feine Arterienklemmen

Delicate Hemostatic Forceps



BH210R | BH211R | BH214R | BH215R

HALSTED-MOSQUITO

BH210R–BH215R

200 mm, 8"

JACOBSON

BH187R

190 mm, 7 1/2"

ADSON

BH205R

215 mm, 8 1/2"

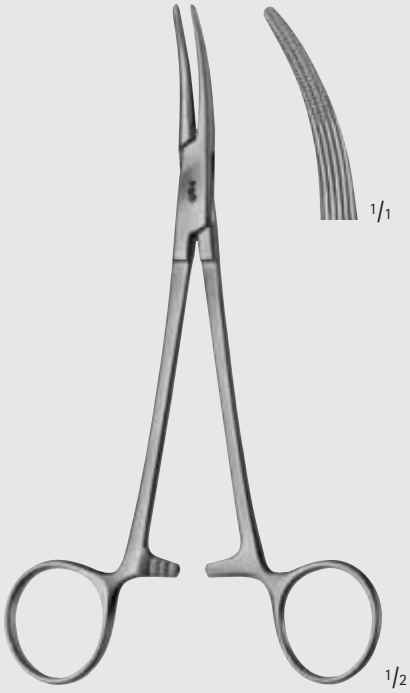
FRASER-KELLY (CRILE)

BH183R

180 mm, 7"

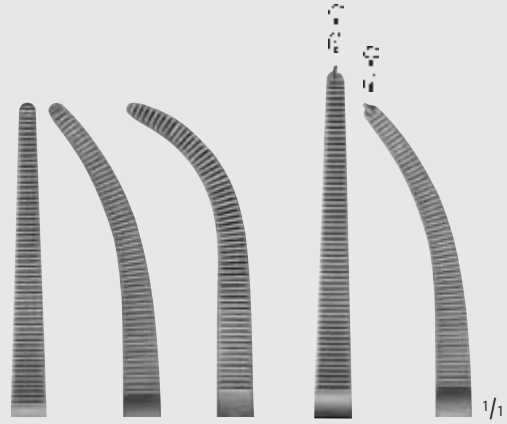
DUNHILL

BH191R
190 mm, 7 1/2"



GREY-TURNER

BH193R
180 mm, 7"



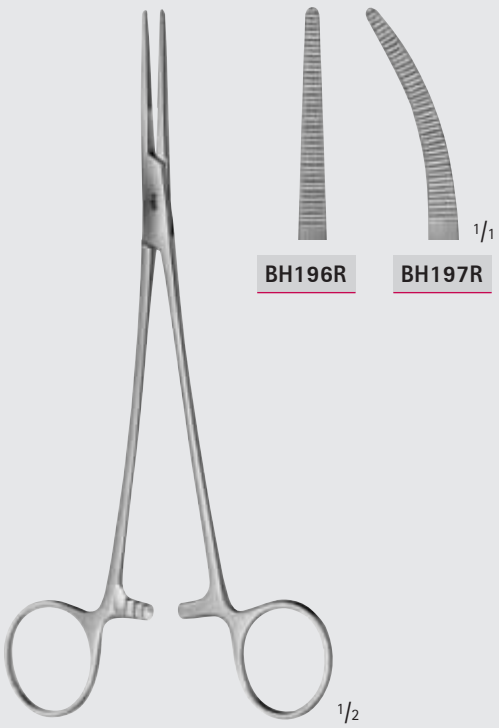
BH206R	BH207R	BH209R	BH216R	BH217R
200 mm	200 mm	195 mm	200 mm	200 mm
8"	8"	7 3/4"	8"	8"

HEISS

BH206R–BH217R

Arterienklemmen – Hemostatic Forceps

Feine Arterienklemmen
Delicate Hemostatic Forceps

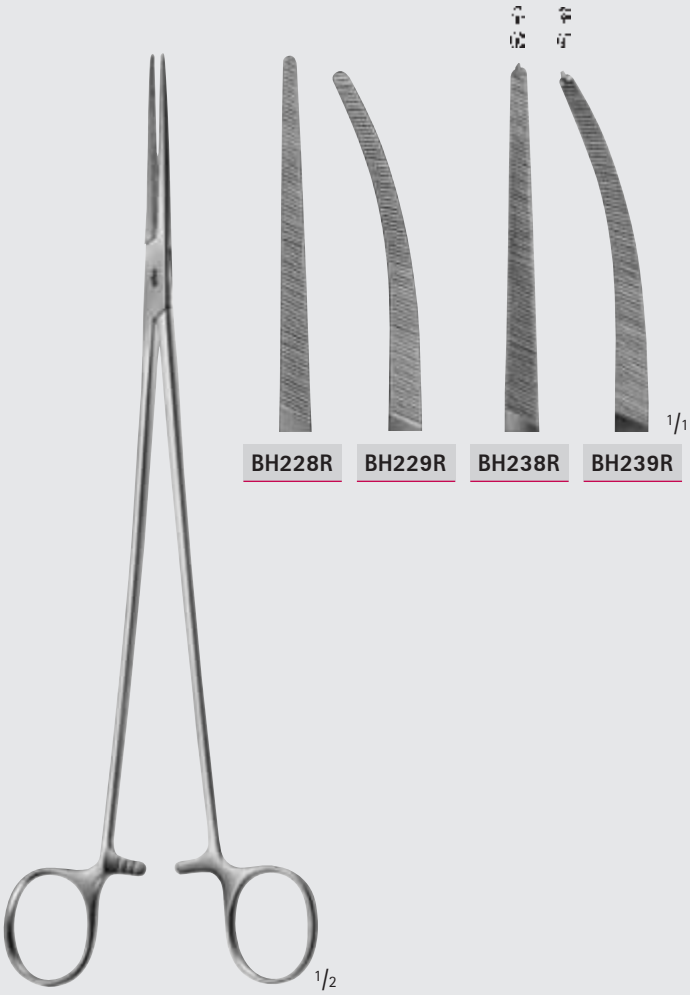


BH196R BH197R

BIRKETT

BH196R–BH197R

185 mm, 7 1/4"



BH228R BH229R BH238R BH239R

BENGOLEA

BH228R–BH239R

245 mm, 9 3/4"

BH224R BH234R

SAROT

BH224R–BH234R

240 mm, 9 1/2"

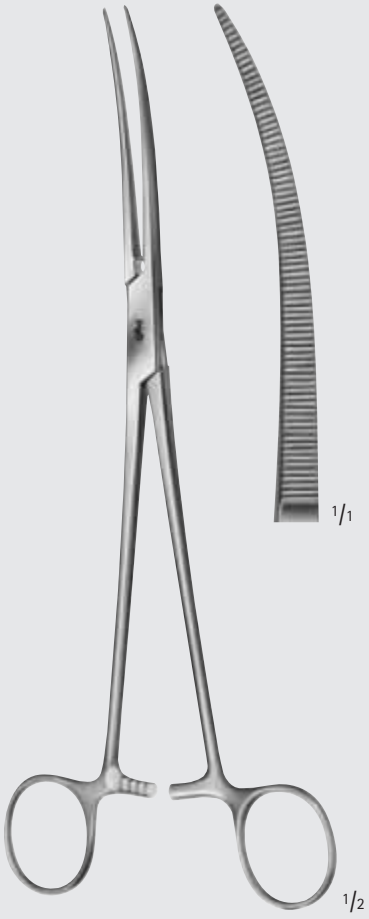
CRAFOORD

BH225R

245 mm, 9 3/4"

Arterienklemmen – Hemostatic Forceps

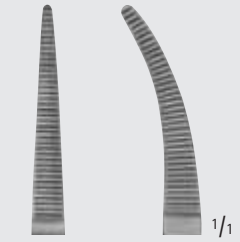
Feine Arterienklemmen
Delicate Hemostatic Forceps



CRAFOORD, MOD.

BH227R

240 mm, 9 1/2"

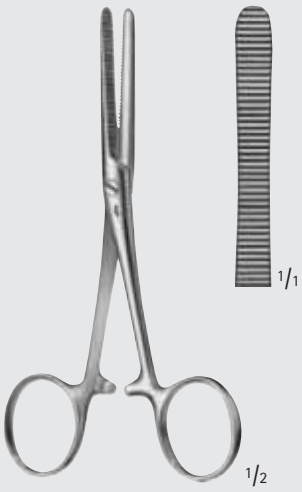


BH230R **BH231R**

BRIDGE

BH230R-BH231R

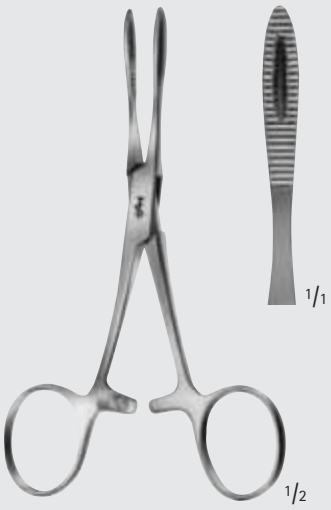
275 mm, 10 3/4"



PEAN

BH410R

125 mm, 5"



KRÖNLEIN

BH300R

130 mm, 5 1/8"

BH302R	BH304R
125 mm	140 mm
5"	5 1/2"

PEAN

BH302R–BH304R

PEAN

BH312R

125 mm, 5"

BH316R	BH318R
165 mm	185 mm
6 1/2"	7 1/4"

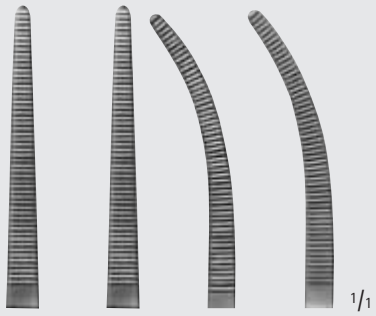
PEAN

BH316R–BH318R

Arterienklemmen – Hemostatic Forceps

Arterienklemmen

Hemostatic Forceps



1/1

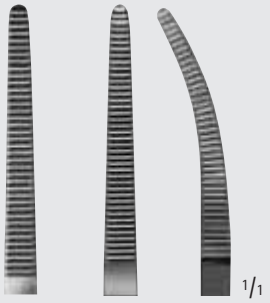
BH412R	BH414R	BH413R	BH415R
130 mm	140 mm	130 mm	140 mm
5 1/8"	5 1/2"	5 1/8"	5 1/2"

PEAN

BH412R–BH415R

grazile Form

slender type

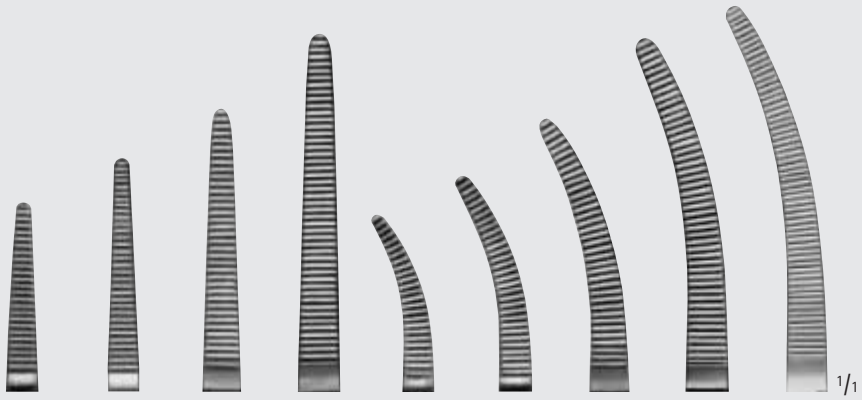


1/1

BH422R	BH424R	BH425R
130 mm	140 mm	140 mm
5 1/8"	5 1/2"	5 1/2"

PEAN

BH422R–BH425R

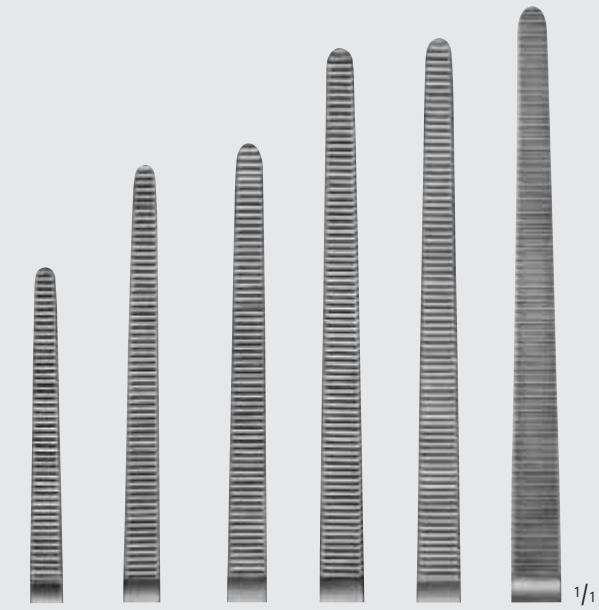


1/1

BH332R	BH334R	BH336R	BH338R	BH333R	BH335R	BH337R	BH339R	BH361R
130 mm	150 mm	175 mm	200 mm	130 mm	150 mm	175 mm	200 mm	230 mm
5 1/8"	6"	7"	8"	5 1/8"	6"	7"	8"	9"

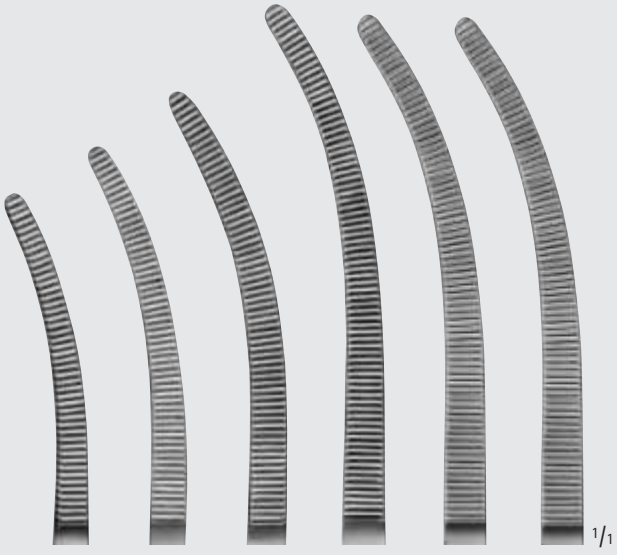
SPENCER-WELLS

BH332R–BH361R



1/1

BH442R	BH444R	BH446R	BH448R	BH450R	BH456R
160 mm	185 mm	200 mm	225 mm	240 mm	350 mm
6 1/4"	7 1/4"	8"	9"	9 1/2"	14"



1/1

BH443R	BH445R	BH447R	BH449R	BH451R	BH457R
160 mm	185 mm	200 mm	225 mm	240 mm	350 mm
6 1/4"	7 1/4"	8"	9"	9 1/2"	14"

ROCHESTER-PEAN

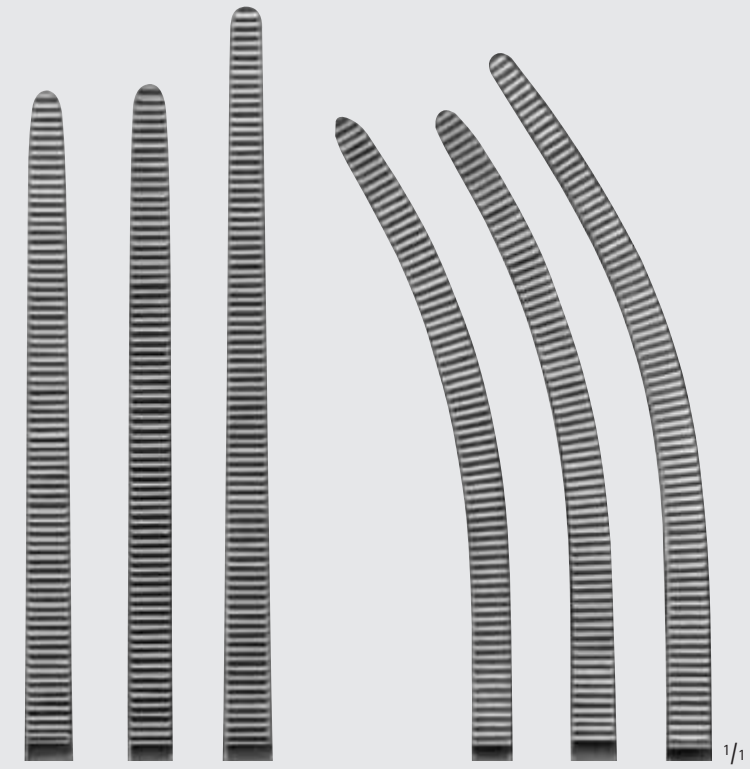
BH442R–BH457R

Arterienklemmen – Hemostatic Forceps

Arterienklemmen
Hemostatic Forceps

PEAN

BH470R–BH475R



1/1

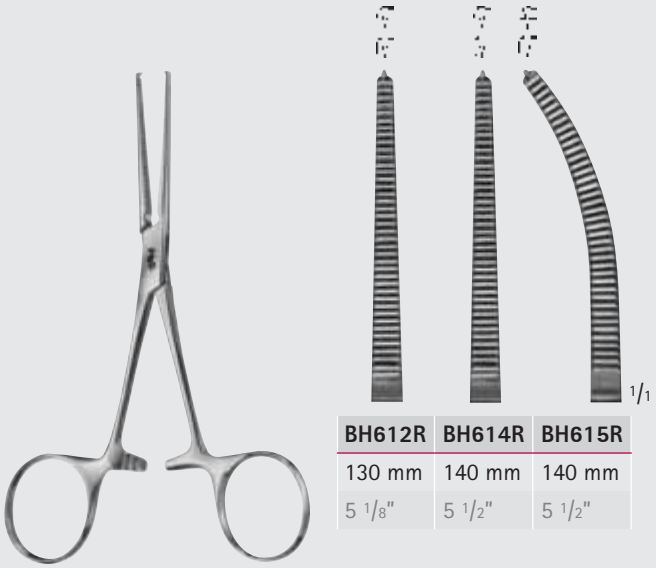
BH470R	BH472R	BH474R
240 mm	260 mm	280 mm
9 1/2"	10 1/4"	11"

BH471R	BH473R	BH475R
240 mm	260 mm	280 mm
9 1/2"	10 1/4"	11"

KOCHER

BH610R

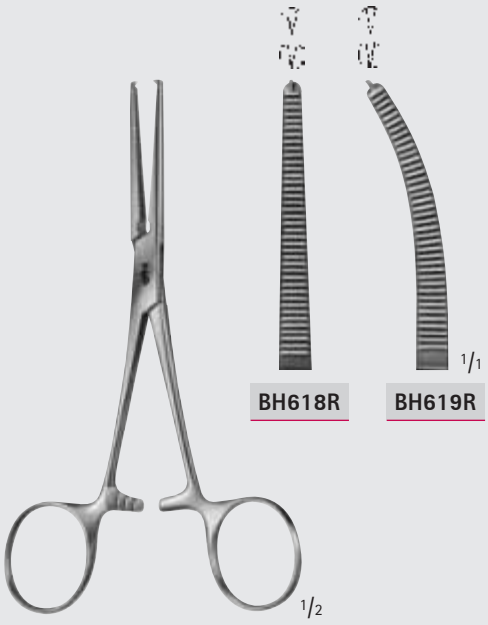
kräftiges Modell
strong pattern
145 mm, 5 3/4"



BH612R	BH614R	BH615R
130 mm	140 mm	140 mm
5 1/8"	5 1/2"	5 1/2"

KOCHER

BH612R-BH615R

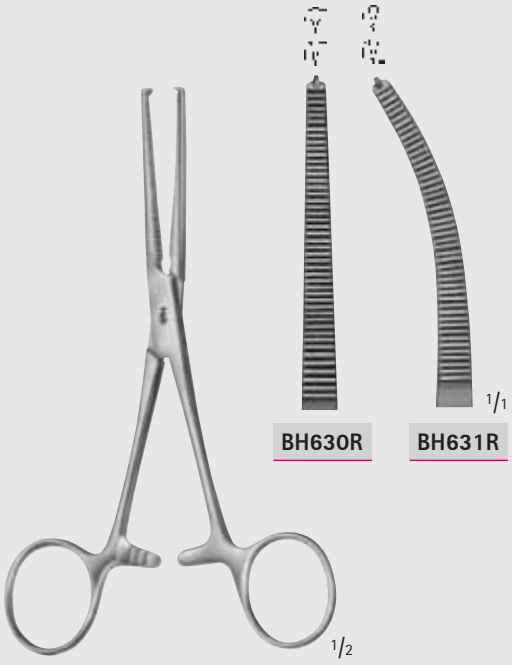


BH618R **BH619R**

ROCHESTER-OCHSNER

BH618R-BH619R

140 mm, 5 1/2"



BH630R **BH631R**

KOCHER

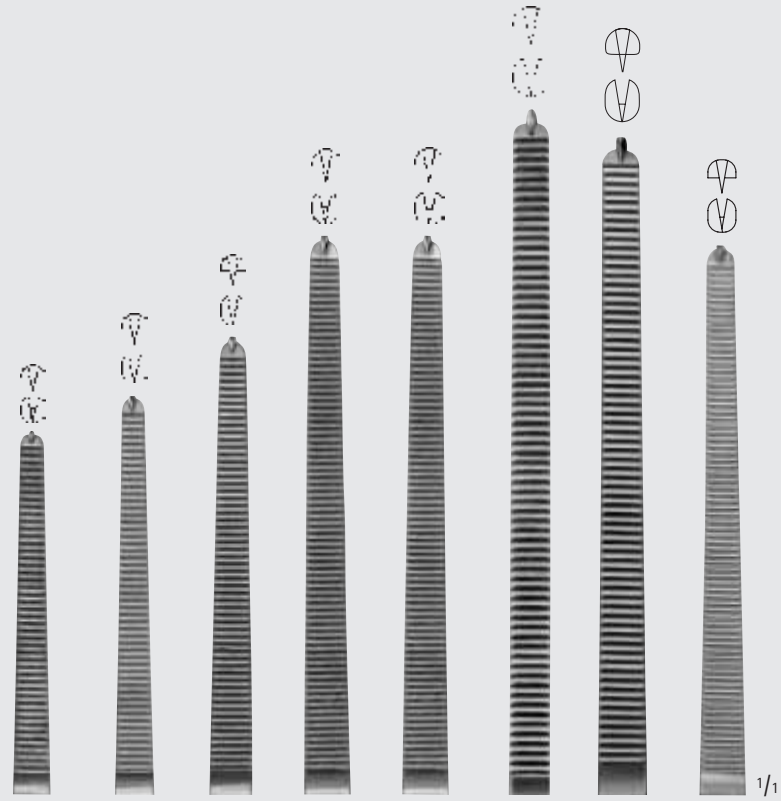
BH630R-BH631R

150 mm, 6"

Arterienklemmen – Hemostatic Forceps

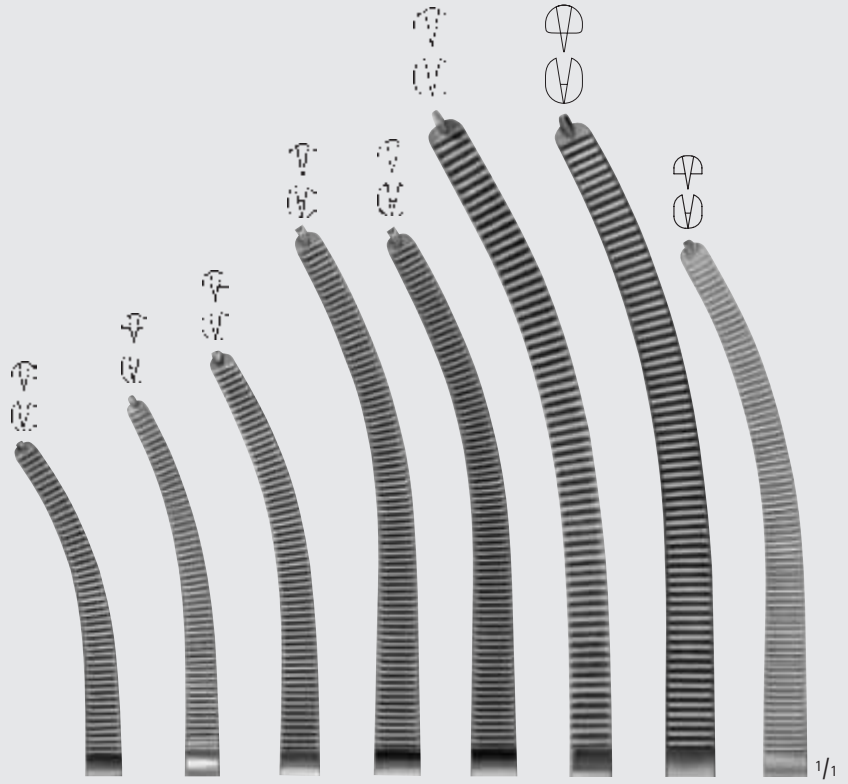
Arterienklemmen

Hemostatic Forceps



1/1

BH642R	BH644R	BH646R	BH648R	BH650R	BH652R	BH654R	BH658R
160 mm	185 mm	200 mm	225 mm	240 mm	260 mm	280 mm	350 mm
6 1/4"	7 1/4"	8"	9"	9 1/2"	10 1/4"	11"	14"

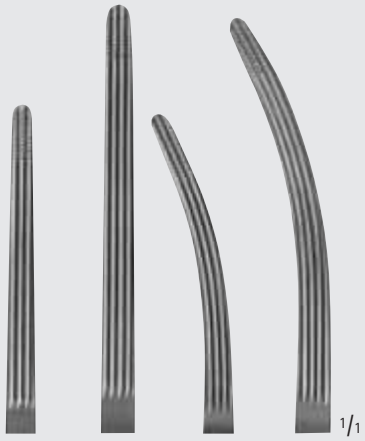


1/1

BH643R	BH645R	BH647R	BH649R	BH651R	BH653R	BH655R	BH659R
160 mm	185 mm	200 mm	225 mm	240 mm	260 mm	280 mm	350 mm
6 1/4"	7 1/4"	8"	9"	9 1/2"	10 1/4"	11"	14"

KOCHER-OCHSNER

BH642R–BH659R



1/1

BH800R	BH804R	BH801R	BH805R
160 mm	200 mm	160 mm	200 mm
6 1/4"	8"	6 1/4"	8"

ROCHESTER-CARMALT

BH800R–BH805R

1/2

1/1

BH807R

BH808R

1 x 2 Zähne
1 x 2 teeth

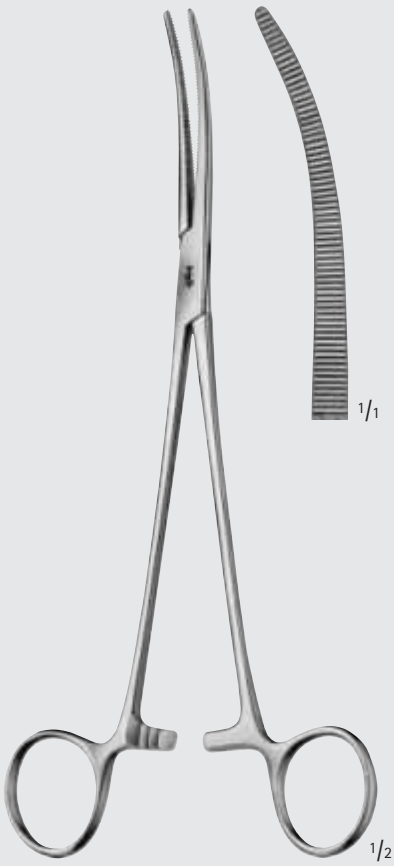
FICKLING

BH807R–BH808R

180 mm, 7"

Arterienklemmen – Hemostatic Forceps

Arterienklemmen, Spezial-Modelle
Hemostatic Forceps, Special Patterns



ROBERTS

BH814R

225 mm, 9"

BH812R BH813R

ROBERTS

BH812R-BH813R

250 mm, 10"

SAROT

BH226R

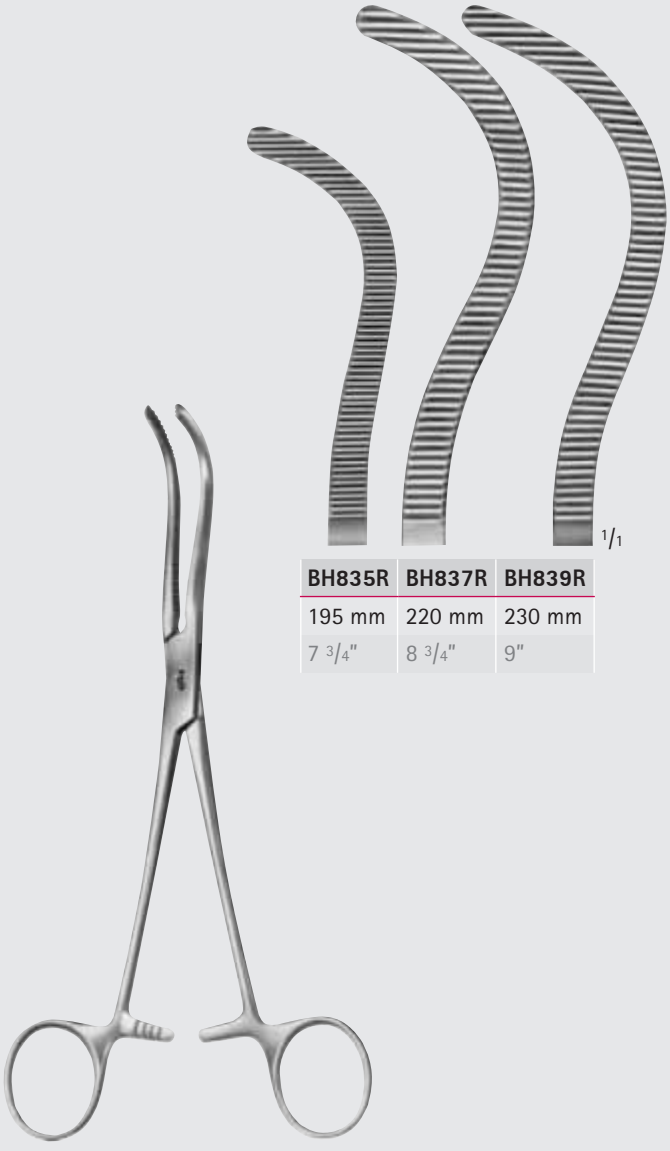
250 mm, 9 3/4"

1/1

BH831R	BH833R
230 mm	240 mm
9"	9 1/2"

MOYNIHAN

BH831R–BH833R



1/1

BH835R	BH837R	BH839R
195 mm	220 mm	230 mm
7 3/4"	8 3/4"	9"

PEAN

BH835R–BH839R

Arterienklemmen – Hemostatic Forceps

Arterienklemmen, Tonsillenklemmen

Hemostatic Forceps, Tonsil Forceps

BH957R BH959R

SCHNIDT

BH957R–BH959R

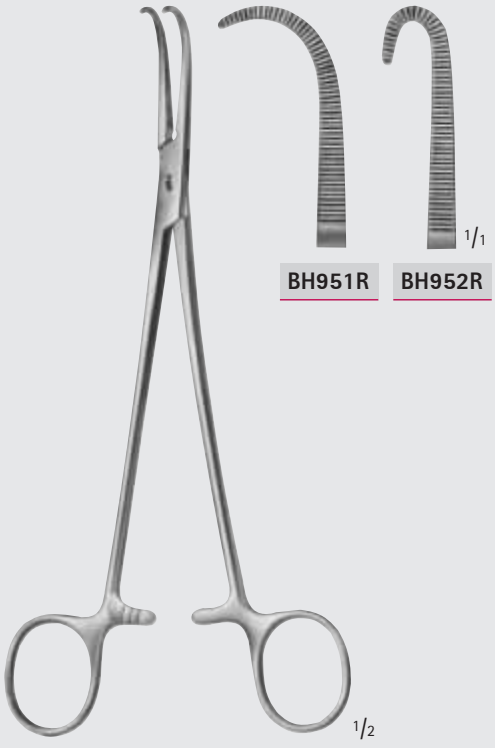
185 mm, 7 1/4"

BH961R BH963R

SCHNIDT

BH961R–BH963R

185 mm, 7 1/4"

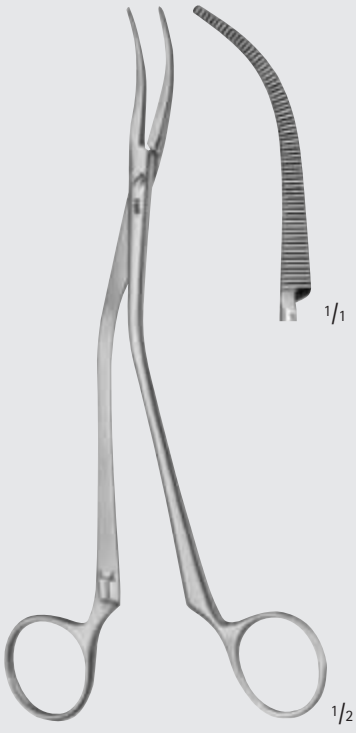


BH951R BH952R

NEGUS

BH951R–BH952R

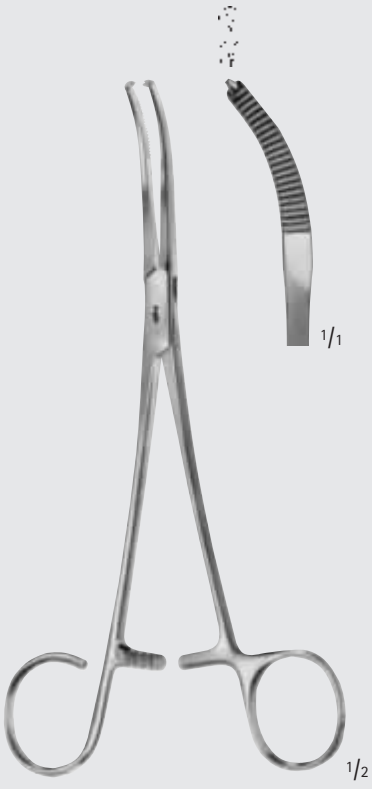
190 mm, 7 1/2"



WILSON

BH965R

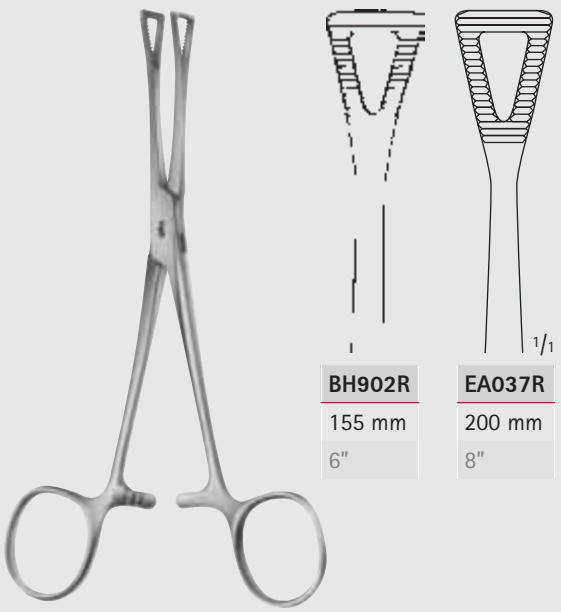
190 mm, 7 1/2"



MIKULICZ

BH949R

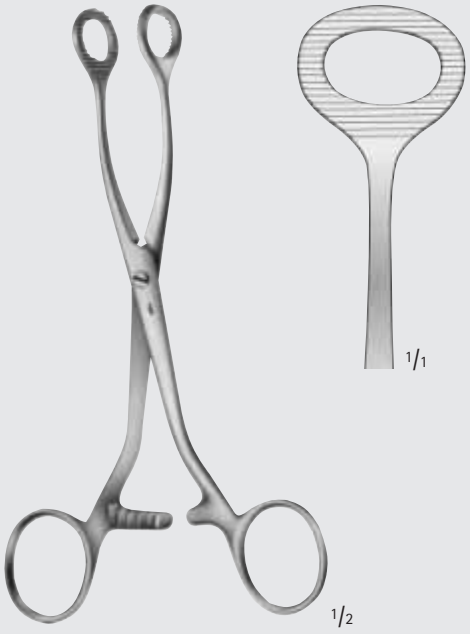
185 mm, 7 1/4"



BH902R	EA037R
155 mm	200 mm
6"	8"

PENNINGTON

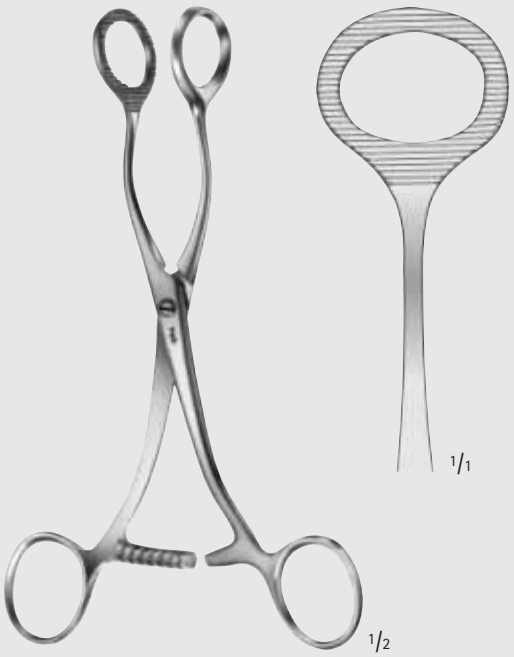
BH902R–EA037R



COLLIN

BH906R

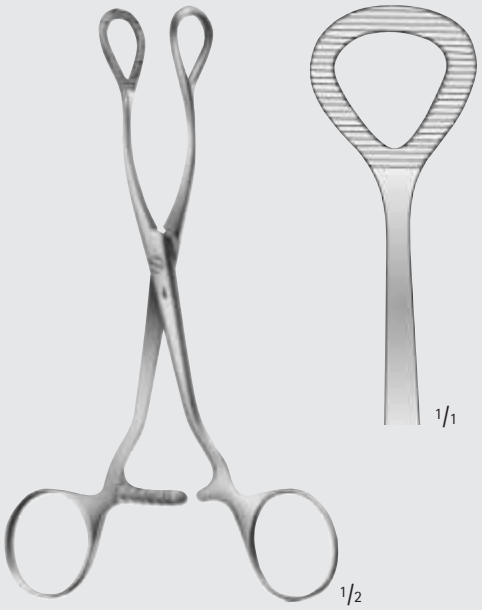
160 mm, 6 1/4"



COLLIN

AN709R

170 mm, 6 3/4"



COLLIN

BH908R

160 mm, 6 1/4"

INCHES
1
2
3
4
5
6
7
8

BJ

Präparier- und Ligaturklemmen, Hysterektomieklemmen

Dissecting- and Ligature Forceps, Hysterectomy Clamps

Klemmen – Forceps

Präparier- und Ligaturklemmen

Dissecting- and Ligature Forceps

glattes Maul
smooth jaw

BJ002R

Ligaturklemme gerade
Ligature forceps straight
95 mm, 3 3/4"

MICRO-ADSON

BJ008R

140 mm, 5 1/2"

BABY-OVERHOLT

BJ009R

135 mm, 5 1/4"

BJ011R	BJ012R
140 mm	180 mm
5 1/2"	7"

BABY-MIXTER

BJ011R-BJ012R

1/1

BJ013R	BJ014R
140 mm	180 mm
5 1/2"	7"

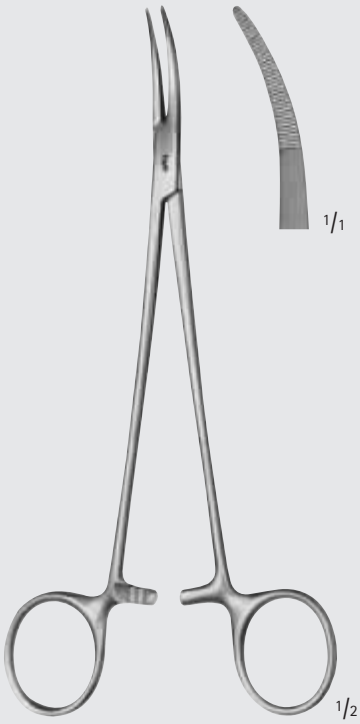
BABY-ADSON

BJ013R-BJ014R

1/1

MD569	MD570R
140 mm	180 mm
5 1/2"	7"

MD569-MD570R



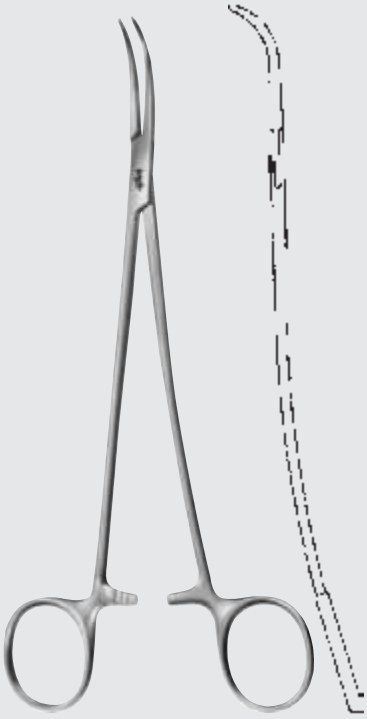
1/1

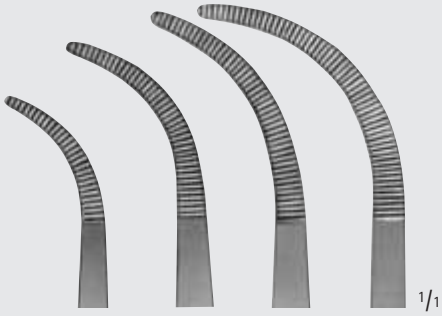
1/2

NISSEN

BH199R

185 mm, 7 1/4"





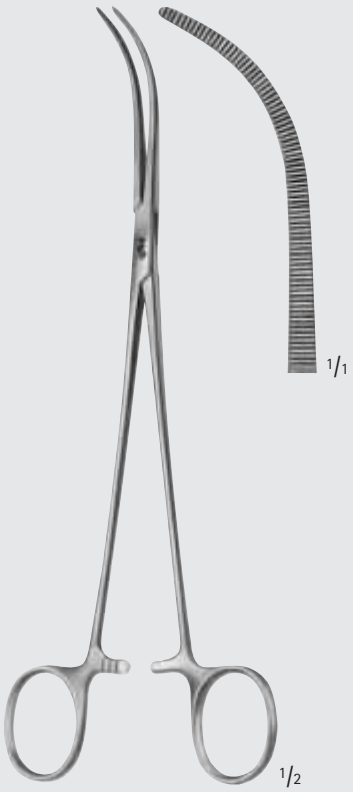
1/1

BJ015R	BJ016R	BJ017R	BJ018R
185 mm	210 mm	215 mm	220 mm
7 1/4"	8 1/4"	8 1/2"	8 3/4"

BJ015R-BJ018R

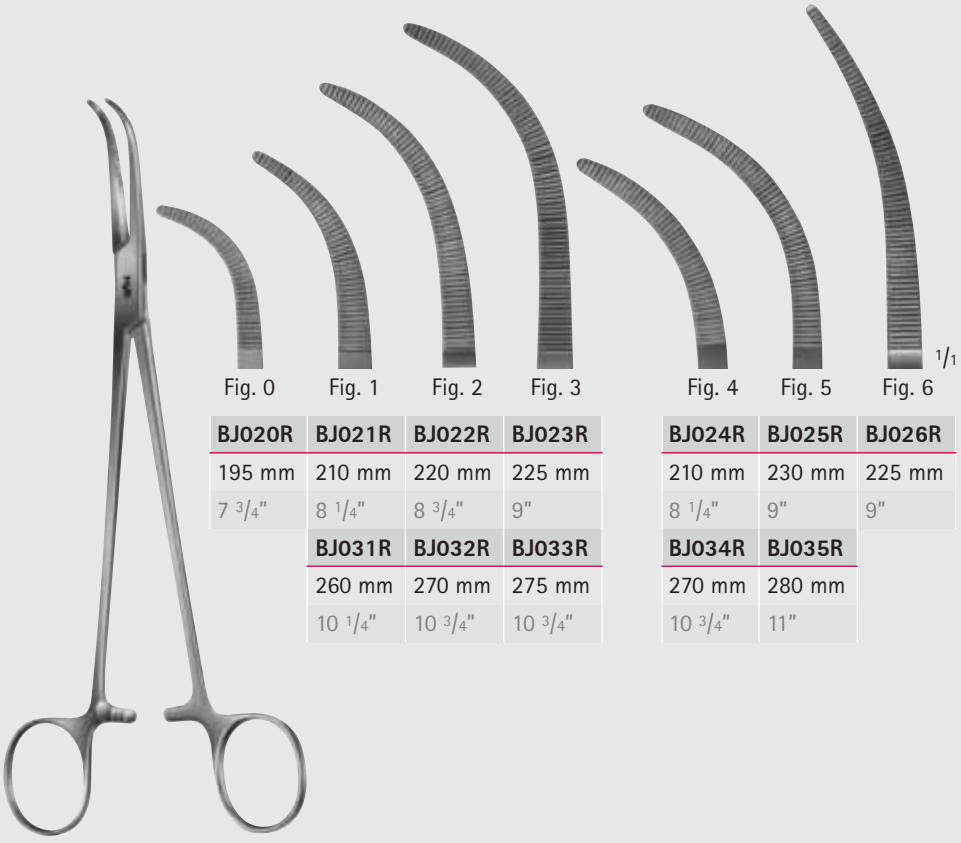
S-förmig gebogen, grazil

S-shaped, delicate



OVERHOLT-MIXTER

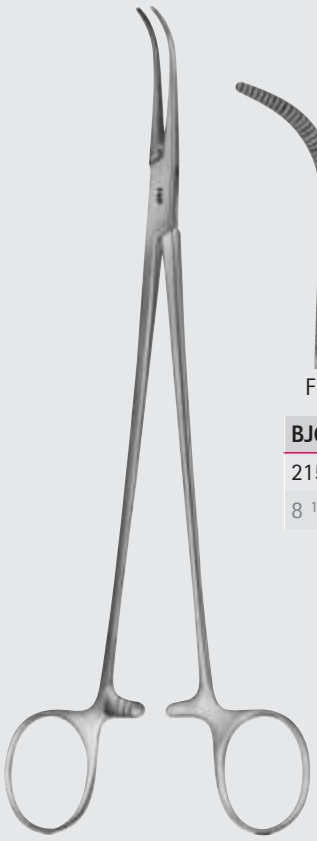
BJ019R
205 mm, 8"

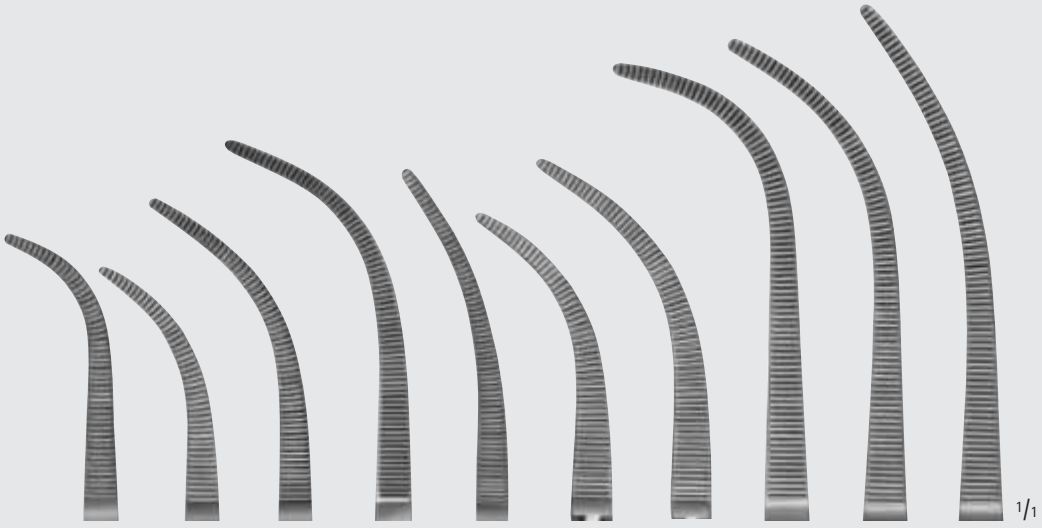


OVERHOLT-GEISSENDOERFER

BJ020R–BJ035R

Fig. 0	Fig. 1	Fig. 2	Fig. 3	Fig. 4	Fig. 5	Fig. 6
BJ020R	**BJ021R**	**BJ022R**	**BJ023R**	**BJ024R**	**BJ025R**	**BJ026R**
195 mm	210 mm	220 mm	225 mm	210 mm	230 mm	225 mm
7 3/4"	8 1/4"	8 3/4"	9"	8 1/4"	9"	9"
	BJ031R	**BJ032R**	**BJ033R**	**BJ034R**	**BJ035R**	
	260 mm	270 mm	275 mm	270 mm	280 mm	
	10 1/4"	10 3/4"	10 3/4"	10 3/4"	11"	





1/1

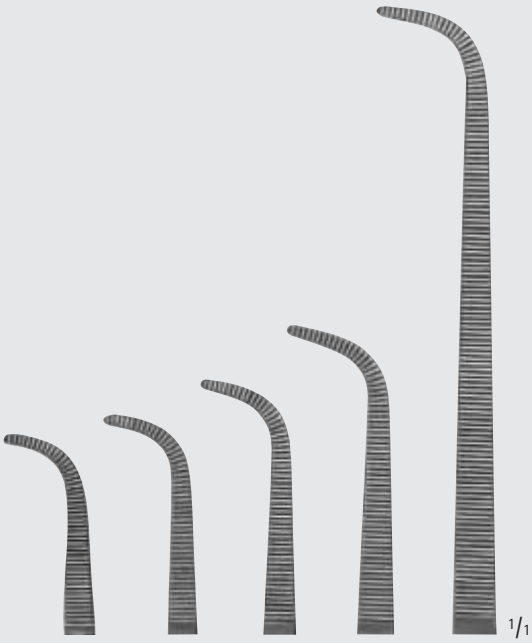
Fig. 0	Fig. 1	Fig. 2	Fig. 3	Fig. 6	Fig. 1	Fig. 4	Fig. 0	Fig. 1	Fig. 6
BJ080R	**BJ081R**	**BJ082R**	**BJ083R**	**BJ086R**	**BJ111R**	**BJ114R**	**BJ090R**	**BJ091R**	**BJ096R**
215 mm	210 mm	220 mm	225 mm	225 mm	270 mm	270 mm	295 mm	295 mm	300 mm
8 1/2"	8 1/4"	8 3/4"	9"	9"	10 3/4"	10 3/4"	11 3/4"	11 3/4"	12"

OVERHOLT

BJ080R–BJ114R

feine Ausführung

delicate pattern



1/1

BJ100R	BJ102R	BJ103R	BJ104R	BJ106R
130 mm	180 mm	200 mm	230 mm	280 mm
5 1/8"	7"	8"	9"	11"

GEMINI

BJ100R–BJ106R

MIXTER-O'SHAUGNESSY

BJ050R

190 mm, 7 1/2"

O'SHAUGNESSY

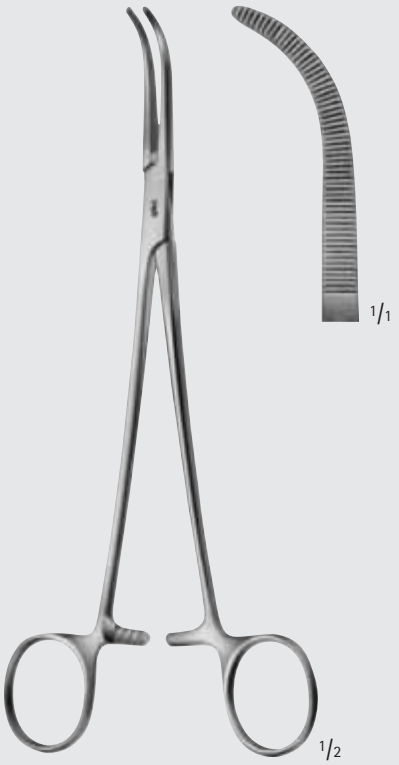
BJ067R

220 mm, 8 3/4"

Klemmen – Forceps

Präparier- und Ligaturklemmen

Dissecting- and Ligature Forceps



HEISS

BH209R

195 mm, 7 3/4"

WIKSTROEM

BJ051R

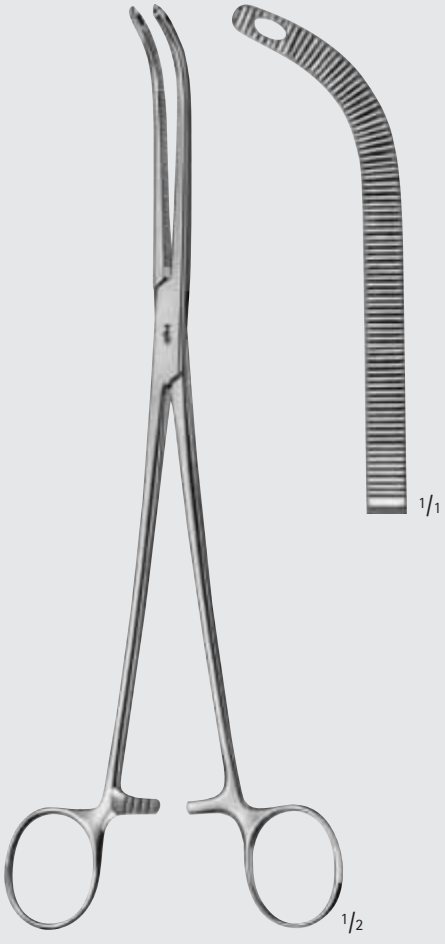
205 mm, 8"

BJ041R | BJ042R | BJ043R | BJ044R | BJ045R

RUMEL

BJ041R–BJ045R

240 mm, 9 1/2"



FINOCHIETTO

BJ052R

245 mm, 9 3/4"

Klemmen – Forceps

Präparier- und Ligaturklemmen

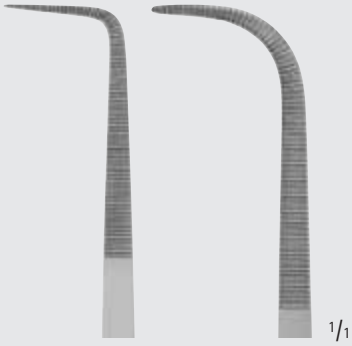
Dissecting- and Ligature Forceps

1/1

BJ057R	BJ058R	BJ059R
200 mm	240 mm	275 mm
8"	9 1/2"	10 3/4"

KANTROWITZ

BJ057R–BJ059R



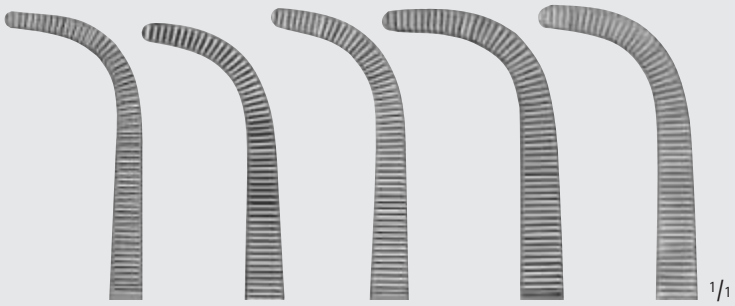
1/1

BJ029R	BJ110R
extra fein	fein
extra delicate	delicate

BARRE

BJ029R–BJ110R

280 mm, 11"



1/1

BJ120R	BJ121R	BJ122R	BJ123R	BJ124R
150 mm	180 mm	200 mm	230 mm	255 mm
6"	7"	8"	9"	10"

O'SHAUGHNESSY

BJ120R–BJ124R

INCHES

MIXTER

BJ055R

230 mm, 9"

LAWRENCE

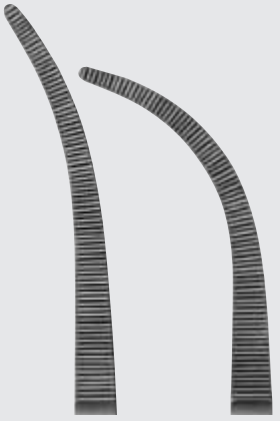
BJ070R

270 mm, 10 3/4"

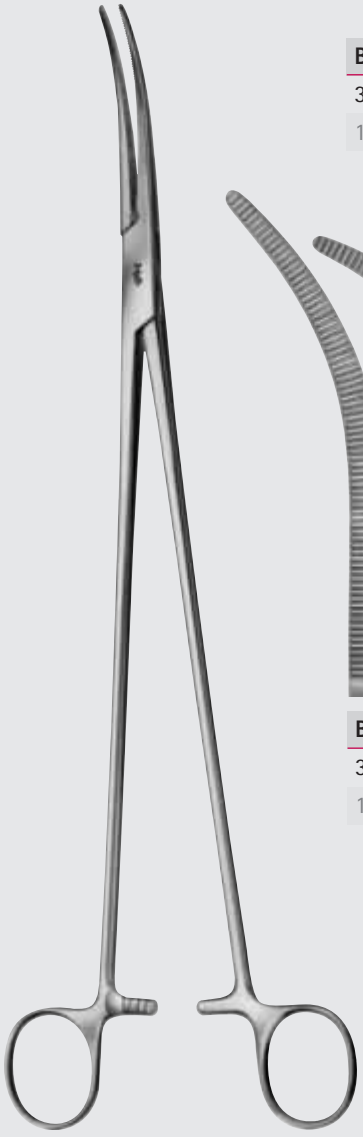
Klemmen – Forceps

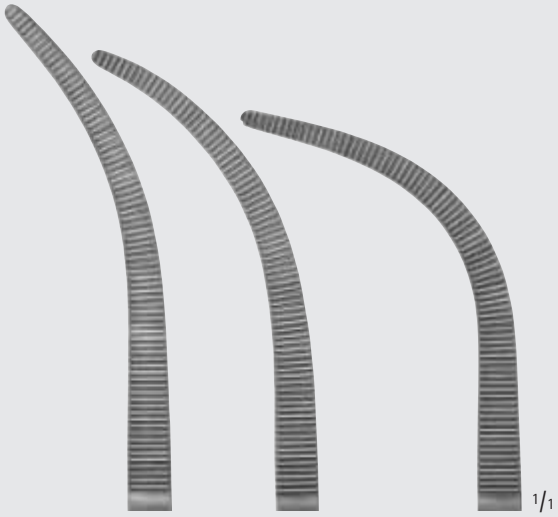
Präparier- und Ligaturklemmen

Dissecting- and Ligature Forceps



BJ047R	BJ048R
300 mm	290 mm
12"	11 1/2"



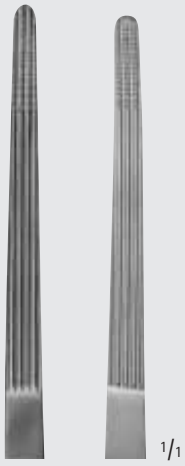


1/1

BJ130R	BJ131R	BJ132R
350 mm	350 mm	350 mm
14"	14"	14"

ZENKER

BJ047R-BJ132R



1/1

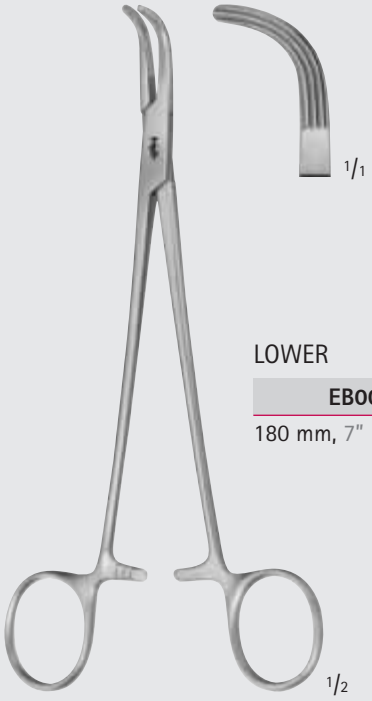
BJ075R	BJ076R
235 mm	350 mm
9 1/4"	14"

KIEBACK

BJ075R-BJ076R

Ureter-Tunnelier-Klemme, aufgebogen

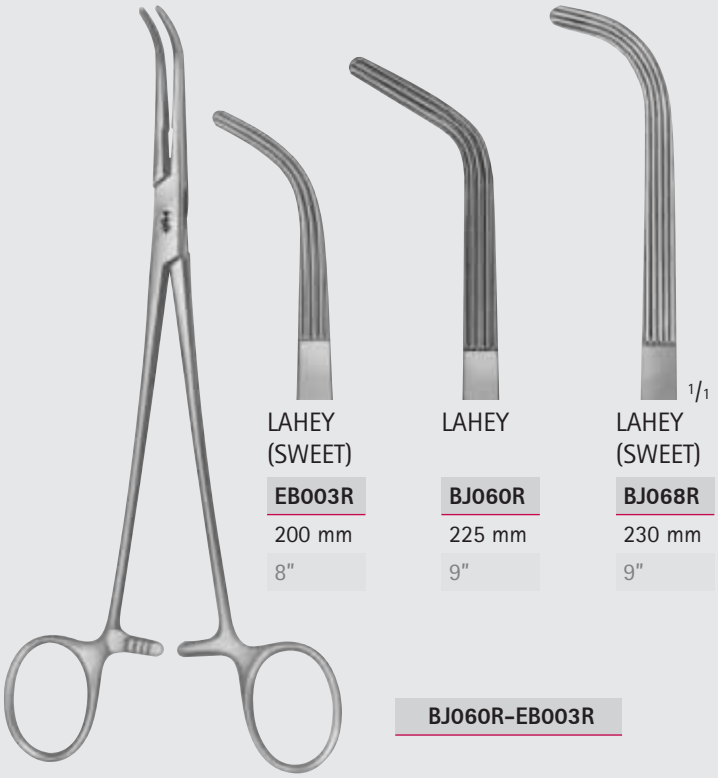
Ureteral tunnel clamp curved on flat



LOWER

EB001R

180 mm, 7"



LAHEY (SWEET)

EB003R

200 mm

8"

LAHEY

BJ060R

225 mm

9"

LAHEY (SWEET)

BJ068R

230 mm

9"

BJ060R–EB003R

MIXTER

BJ061R–BJ073R

BJ061R

220 mm

8 3/4"

BJ062R

250 mm

10"

BJ073R

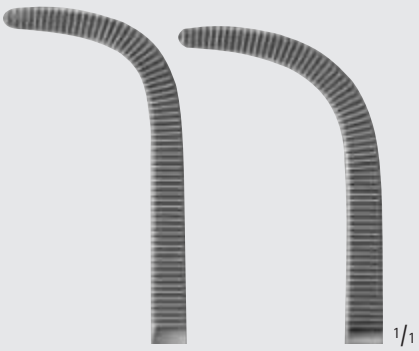
290 mm

11 1/2"

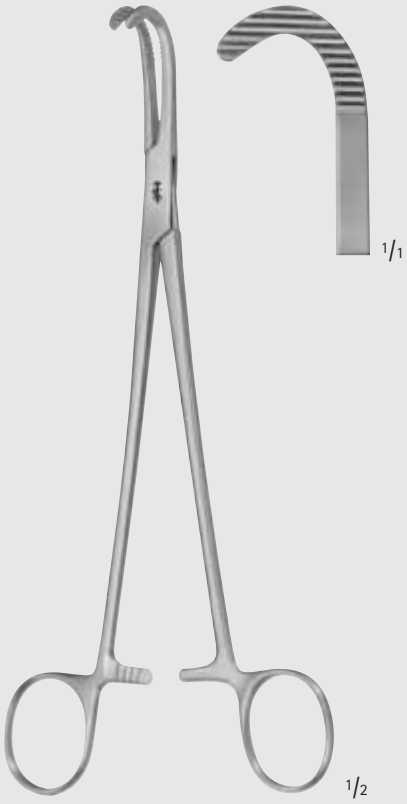
Klemmen – Forceps

Präparier- und Ligaturklemmen

Dissecting- and Ligature Forceps



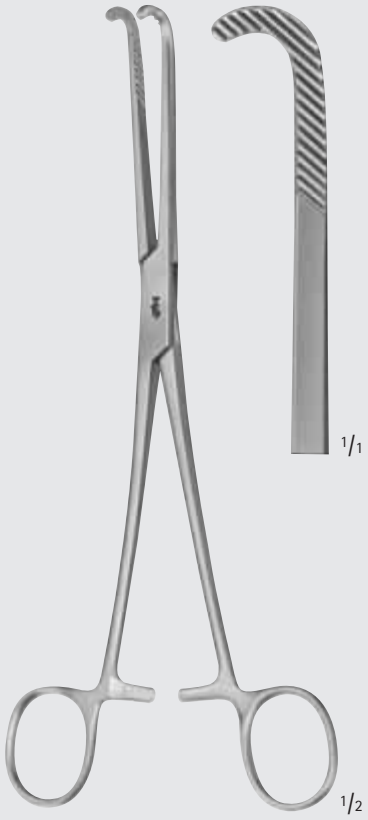
EB011R **EB012R**



DESJARDINS

EB008R

210 mm, 8 1/4"



NISSEN

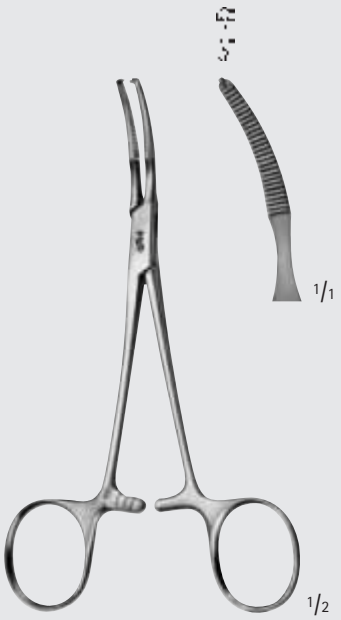
EB009R

215 mm, 8 1/2"

GRAY

EB011R-EB012R

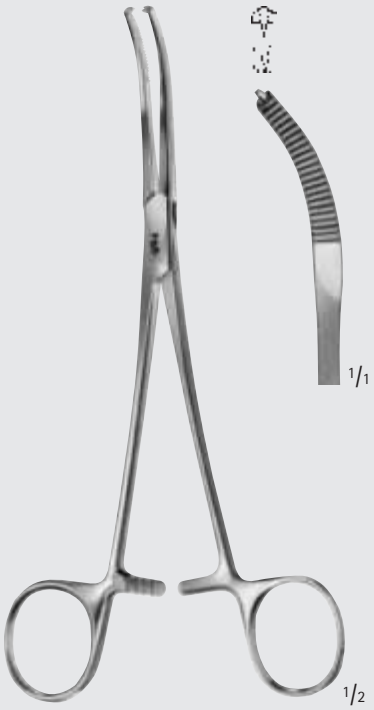
220 mm, 8 3/4"



BABY-MIKULICZ

BJ300R

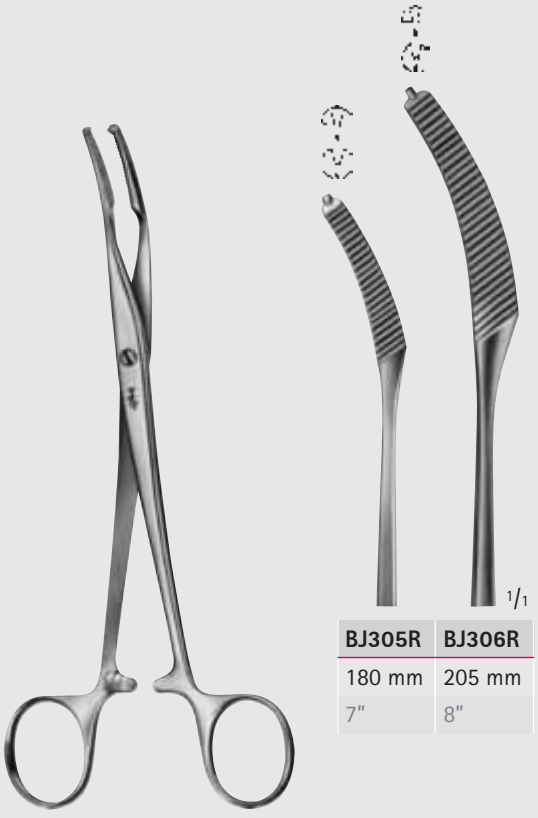
140 mm, 5 1/2"



MIKULICZ

BJ304R

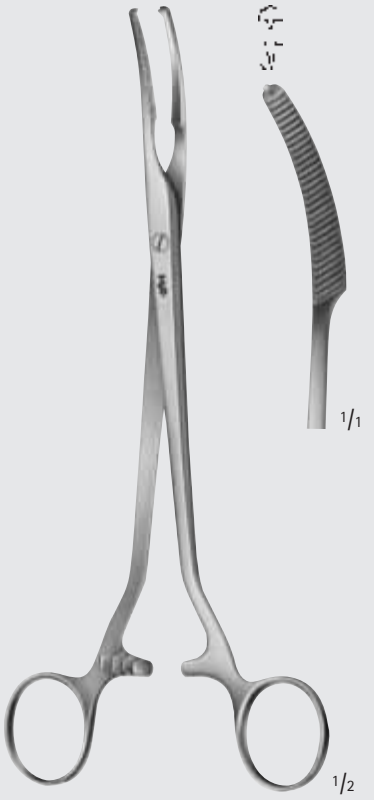
185 mm, 7 1/4"



BJ305R	BJ306R
180 mm	205 mm
7"	8"

MIKULICZ

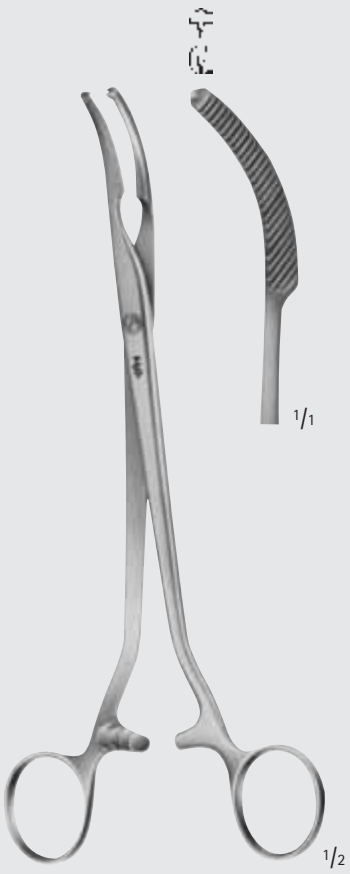
BJ305R–BJ306R



MIKULICZ

BJ308R

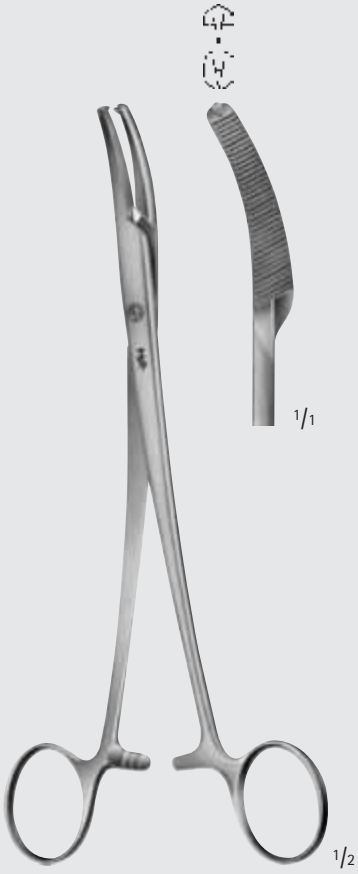
205 mm, 8"



MIKULICZ

BJ309R

205 mm, 8"



MIKULICZ

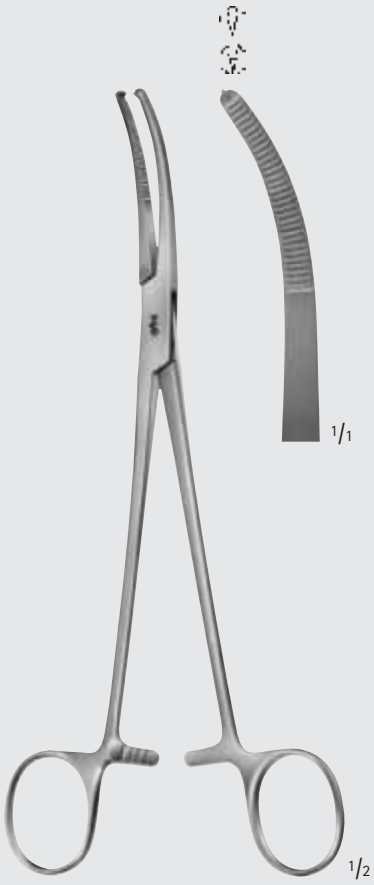
BJ310R

200 mm, 8"

MIKULICZ

BJ312R

245 mm, 9 3/4"



MIKULICZ

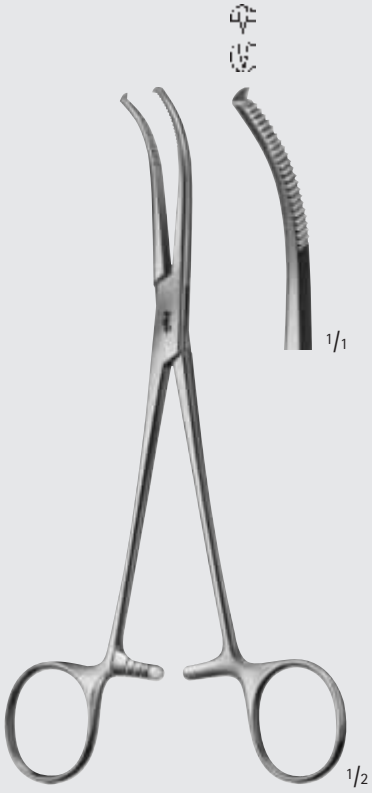
BJ313R

205 mm, 8"

MIKULICZ

BJ314R

205 mm, 8"

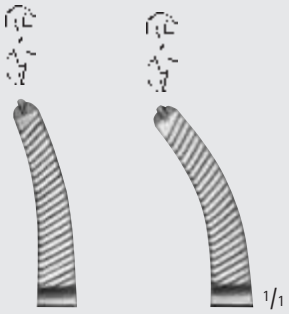


MIKULICZ

BJ315R

185 mm, 7 1/4"

Klemmen – Forceps
Hysterektomieklemmen
Hysterectomy Forceps



BJ325R

BJ326R

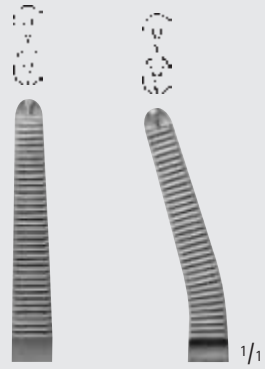
1/1

1/2

FAURE

BJ325R–BJ326R

205 mm, 8"



BJ500R

210 mm

8 1/4"

BJ501R

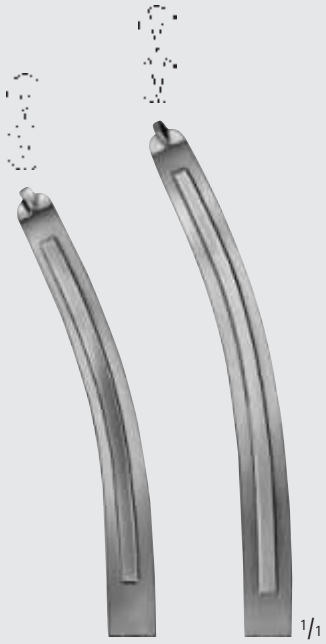
205 mm

8"

1/1

PHANEUF

BJ500R–BJ501R



BJ517R

205 mm

8"

BJ519R

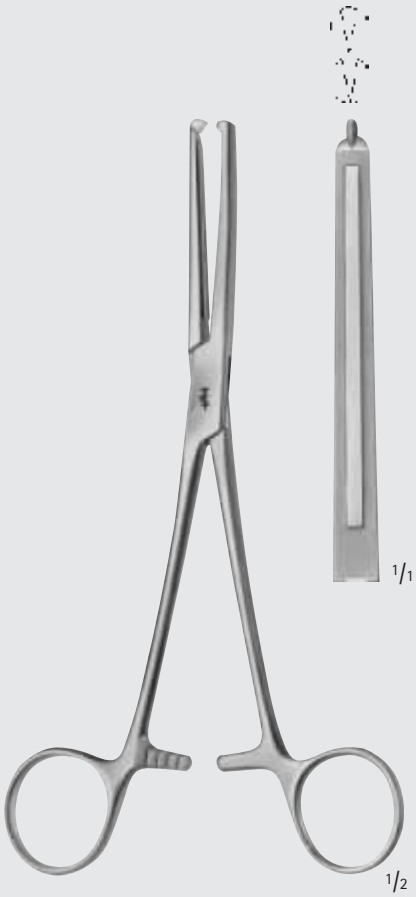
250 mm

10"

1/1

MAINGOT

BJ517R–BJ519R



1/1

1/2

MAINGOT

BJ536R

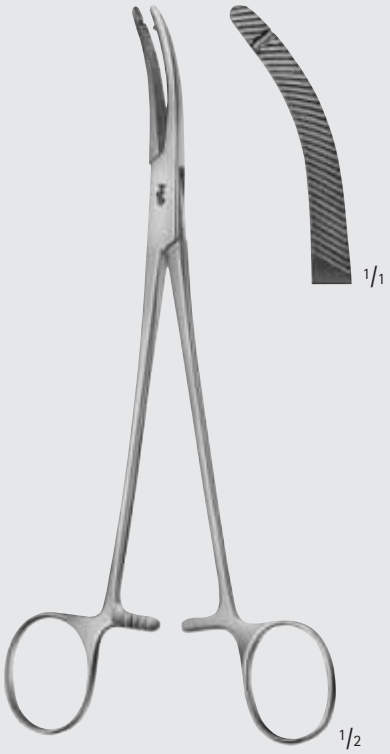
200 mm, 8"

1/1

BJ520R	BJ521R	BJ529R
205 mm	245 mm	350 mm
8"	9 3/4"	14"

HEANEY MODIF.

BJ520R–BJ529R



1/1

1/2

HEANEY

BJ522R

195 mm, 7 3/4"

1/1

1/2

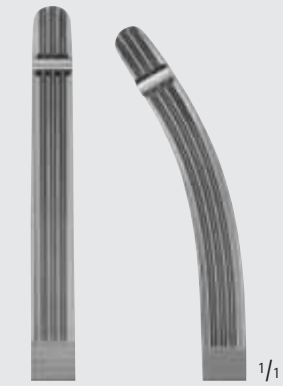
HEANEY-REZEK

BJ524R

210 mm, 8 1/4"

Klemmen – Forceps

Hysterektomieklemmen
Hysterectomy Forceps



1/1

MD591

MD592

1/2

HEANEY-BALLENTINE

MD591–MD592

215 mm, 8 1/2"

1/1

BJ526R

220 mm

8 3/4"

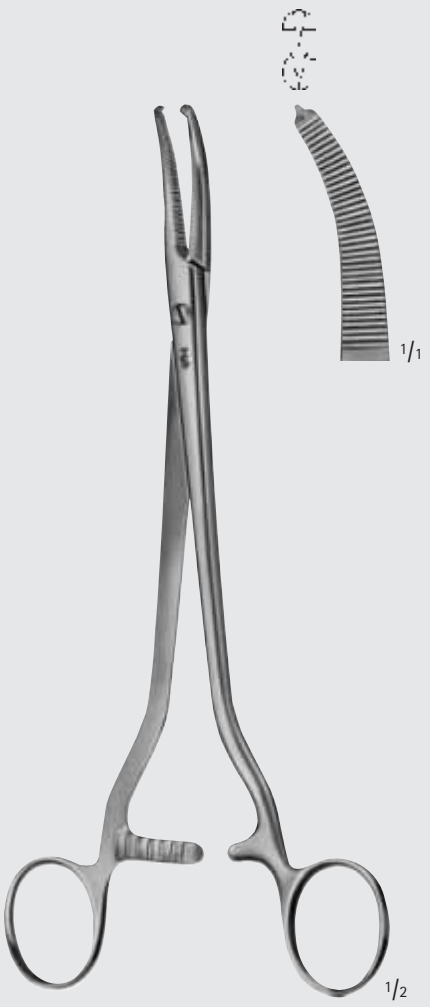
BJ527R

240 mm

9 1/2"

WIENER MODELL

BJ526R–BJ527R



WERTHEIM

BJ506R

235 mm, 9 1/4"

WERTHEIM

BJ507R

235 mm, 9 1/4"

Klemmen – Forceps

Hysterektomie- und Arterienklemmen

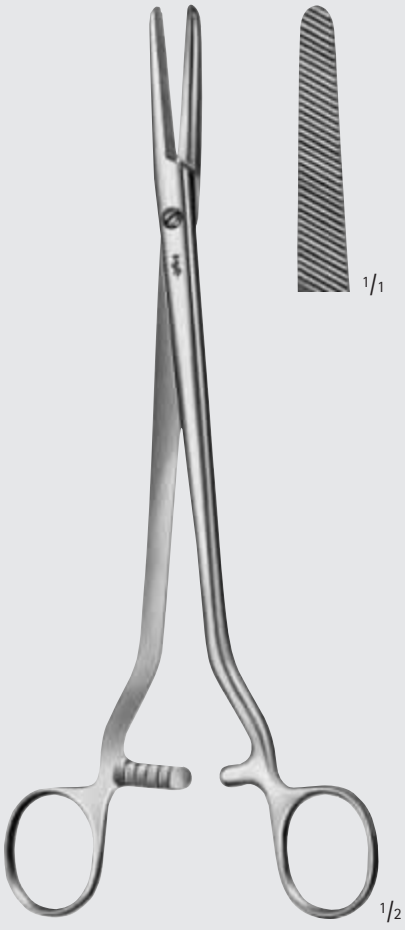
Hysterectomy- and Hemostatic Forceps

1/1

BJ509R	BJ515R
245 mm	350 mm
9 3/4"	14"

WERTHEIM

BJ509R–BJ515R



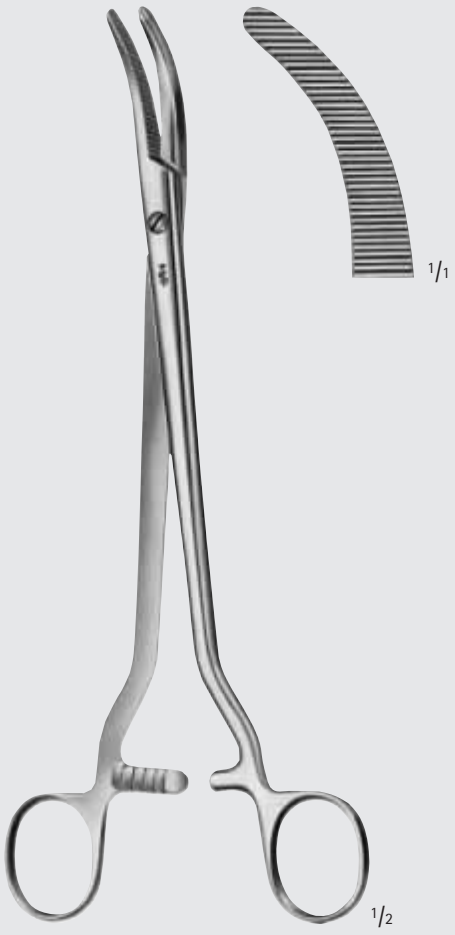
1/1

1/2

SEGOND-LANDAU

BJ540R

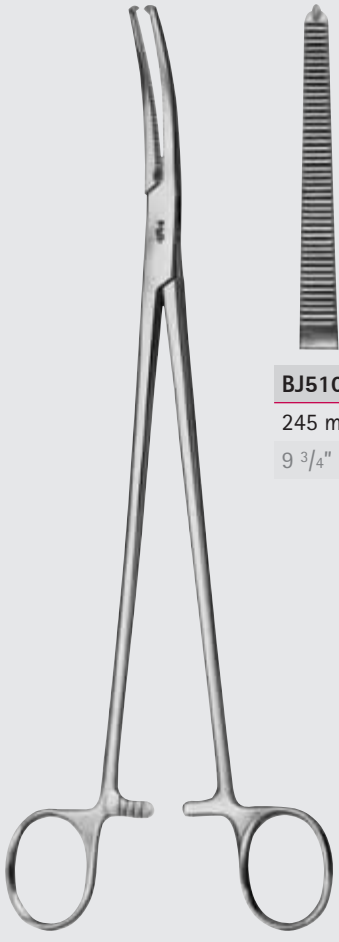
240 mm, 9 1/2"

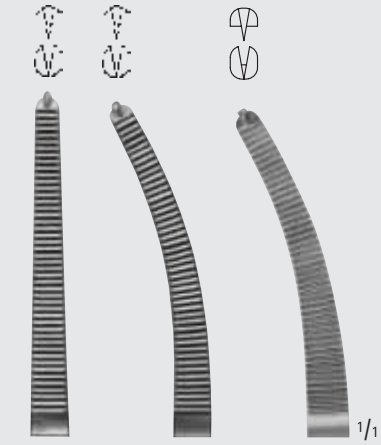


SEGOND

BJ541R

240 mm, 9 1/2"





BJ510R	BJ511R	BJ528R
245 mm	245 mm	350 mm
9 3/4"	9 3/4"	14"

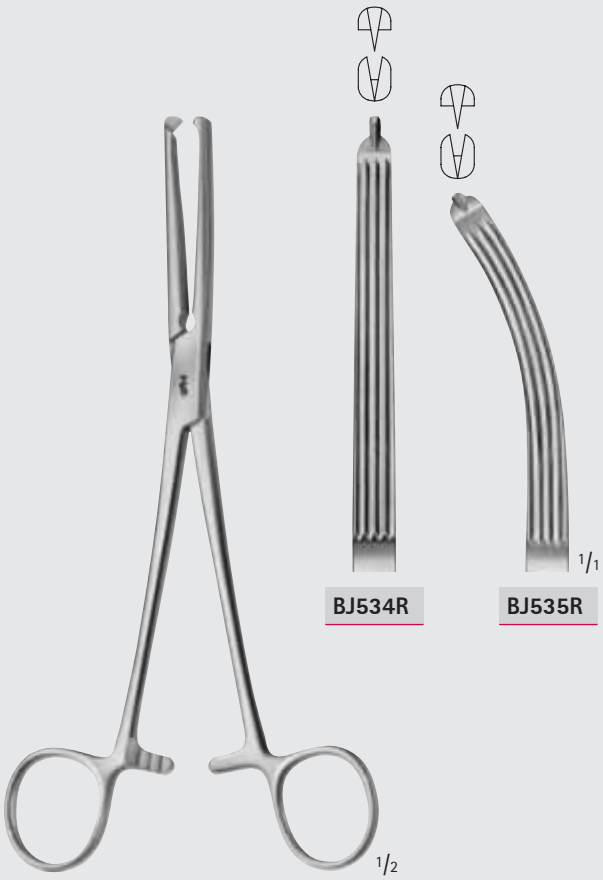
HOLZBACH

BJ510R–BJ528R

Klemmen – Forceps

Hysterektomie- und Arterienklemmen

Hysterectomy- and Hemostatic Forceps



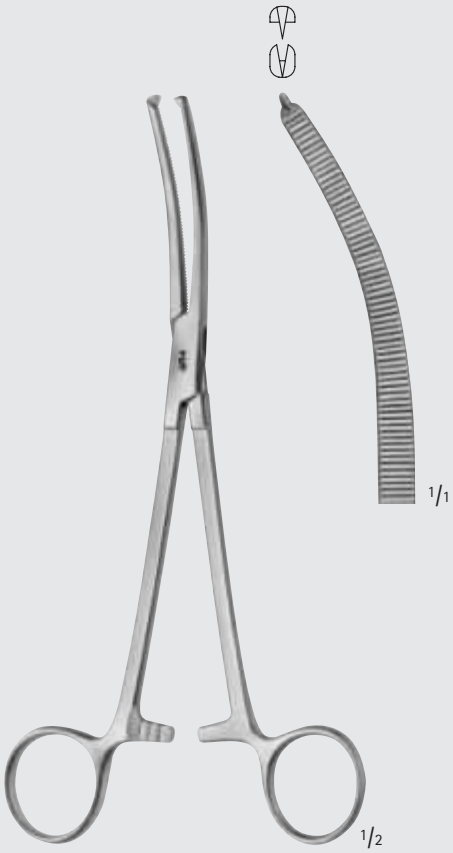
BJ534R

BJ535R

GWILLIAM

BJ534R-BJ535R

200 mm, 8"



BERKELEY-BONNEY

BJ537R

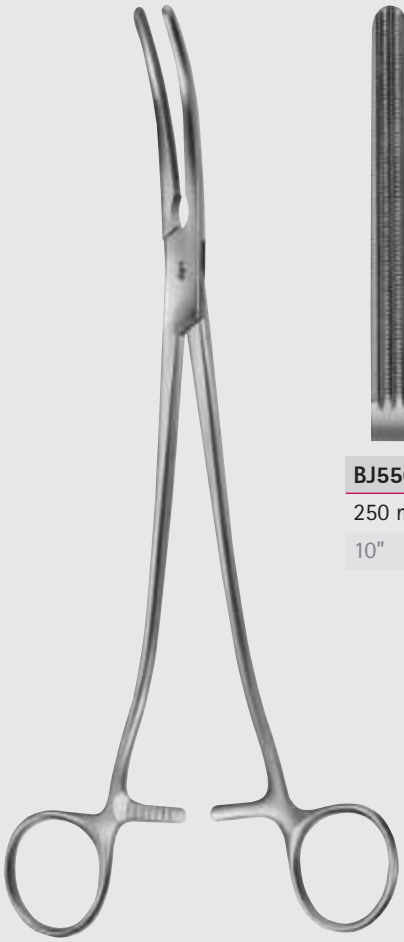
200 mm, 8"

1/1

BJ530R	BJ531R	BJ532R
225 mm	220 mm	215 mm
9"	8 3/4"	8 1/2"

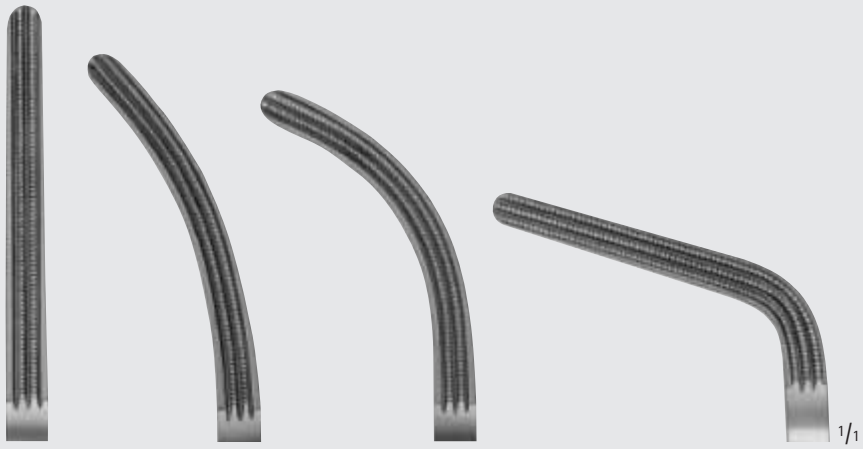
HEANEY

BJ530R–BJ532R



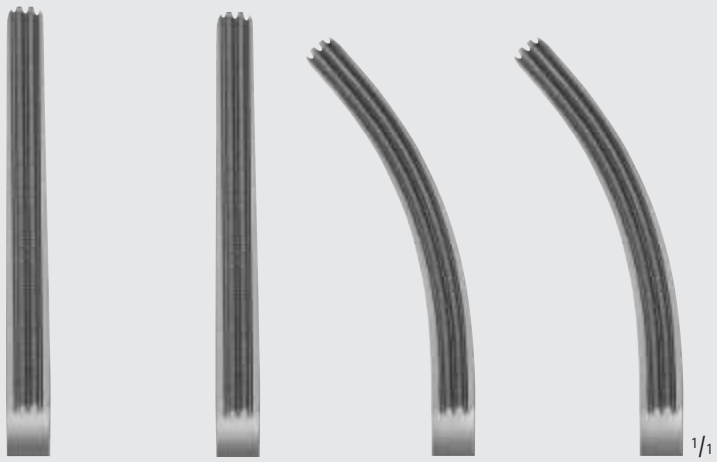
WERTHEIM

BJ550R-BJ553R



1/1

BJ550R	BJ551R	BJ552R	BJ553R
250 mm	245 mm	240 mm	220 mm
10"	9 3/4"	9 1/2"	8 3/4"



1/1

BJ582R
250 mm
10"

BJ584R
350 mm
14"

BJ583R
250 mm
10"

BJ585R
350 mm
14"

WERTHEIM

BJ582R–BJ585R

Klemmen – Forceps

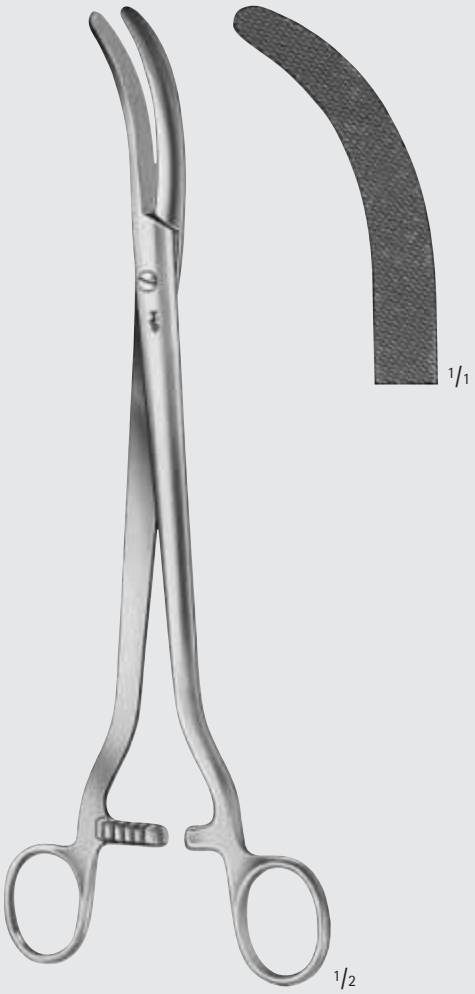
Hysterektomie- und Vaginalklemmen

Hysterectomy Forceps and Vaginal Clamps

WERTHEIM

BJ574R

255 mm, 10"



WERTHEIM

BJ576R

260 mm, 10 1/4"

1/1

BJ560R	BJ562R
250 mm	350 mm
10"	14"

BURKE

BJ560R–BJ562R

Parametriumklemme, kurzes Maul

Parametrium clamp, short jaw part

1/1

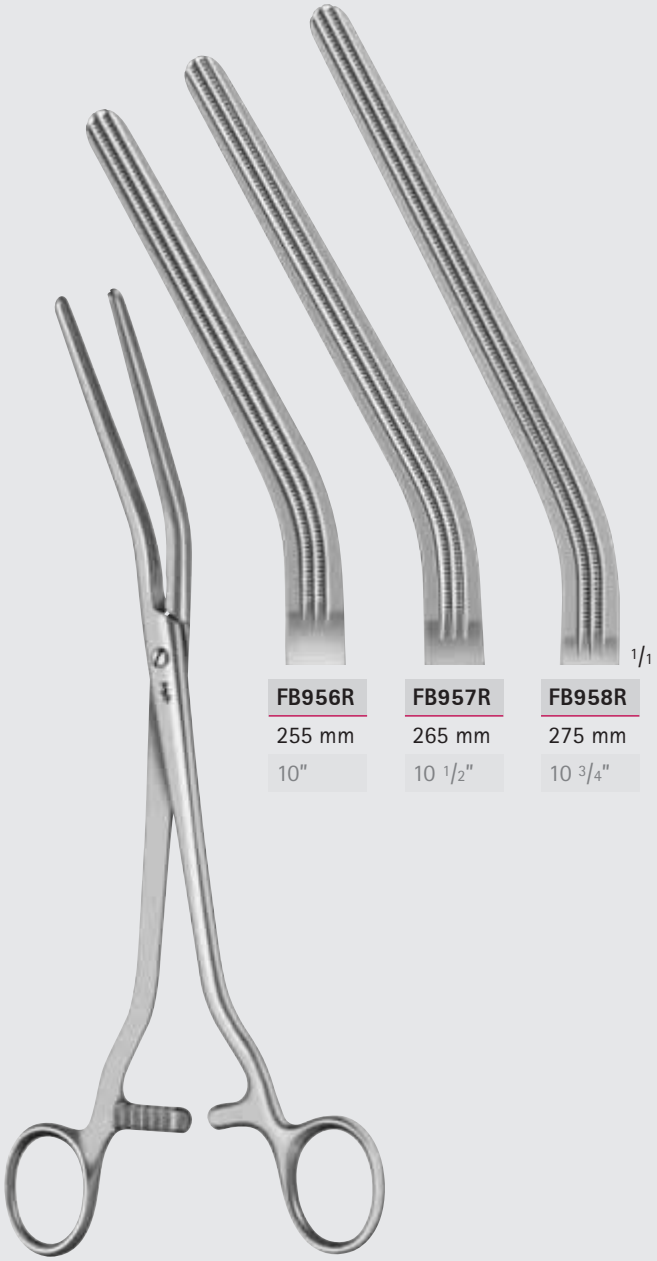
BJ561R	BJ563R
250 mm	350 mm
10"	14"

BURKE

BJ561R–BJ563R

Parametriumklemme, langes Maul

Parametrium clamp, long jaw part



1/1

FB956R	FB957R	FB958R
255 mm	265 mm	275 mm
10"	10 1/2"	10 3/4"

DICK

FB956R–FB958R

1/1

67 mm

1/2

WERTHEIM

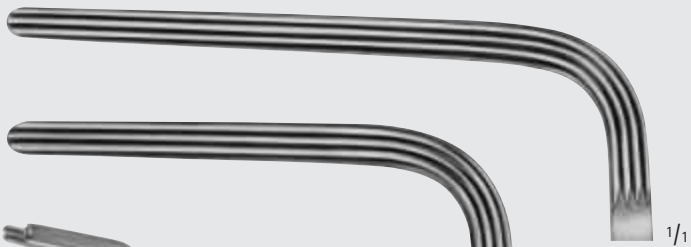
BJ581R

250 mm, 10"

WERTHEIM-CULLEN

BJ579R

215 mm, 8 1/2"



FB954R
60 mm

FB955R
80 mm

FB954R–FB955R

230 mm, 9"

INCHES
1
2
3
4
5
6
7
8

BL

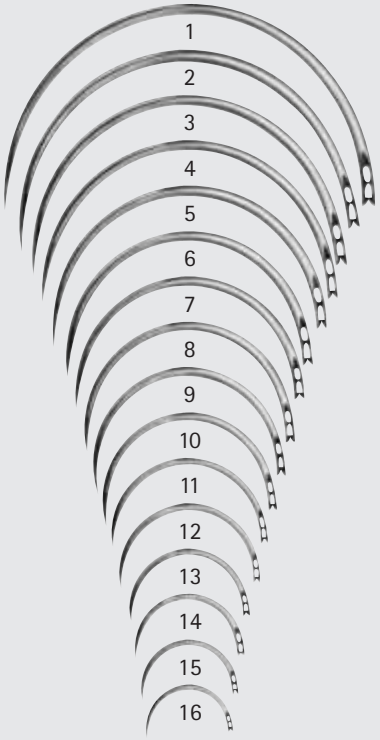
Nähnadeln, Nadeldosen
Surgical Needles, Needle Cases

Nähnadeln, Nähdosen – Surgical Needles, Needle Cases

Chirurgische Nähnadeln

Surgical Needles

Fig.	●	Ø x Länge Diam. x length	▲	Ø x Länge Diam. x length
000	BL058N	1,60 x 102 mm	BL098N	1,60 x 102 mm
00	BL059N	1,60 x 94 mm	BL099N	1,60 x 94 mm
0	BL060N	1,60 x 85 mm	BL100N	1,60 x 85 mm
1	BL061N	1,40 x 80 mm	BL101N	1,40 x 80 mm
2	BL062N	1,40 x 73 mm	BL102N	1,40 x 73 mm
3	BL063N	1,30 x 68 mm	BL103N	1,30 x 68 mm
4	BL064N	1,30 x 63 mm	BL104N	1,30 x 63 mm
5	BL065N	1,20 x 58 mm	BL105N	1,20 x 58 mm
6	BL066N	1,10 x 54 mm	BL106N	1,10 x 54 mm
7	BL067N	1,10 x 50 mm	BL107N	1,10 x 50 mm
8	BL068N	1,00 x 46 mm	BL108N	1,00 x 46 mm
9	BL069N	1,00 x 42 mm	BL109N	1,00 x 42 mm
10	BL070N	0,90 x 38 mm	BL110N	0,90 x 38 mm
11	BL071N	0,80 x 34 mm	BL111N	0,80 x 34 mm
12	BL072N	0,70 x 30 mm	BL112N	0,70 x 30 mm
13	BL073N	0,70 x 27 mm	BL113N	0,70 x 27 mm
14	BL074N	0,70 x 23 mm	BL114N	0,70 x 23 mm
15	BL075N	0,60 x 20 mm	BL115N	0,60 x 20 mm
16	BL076N	0,60 x 18 mm	BL116N	0,60 x 18 mm



●	Ø x Länge Diam. x length	▲	Ø x Länge Diam. x length
BL161N	1,40 x 80 mm	BL201N	1,40 x 80 mm
BL162N	1,40 x 73 mm	BL202N	1,40 x 73 mm
BL163N	1,30 x 68 mm	BL203N	1,30 x 68 mm
BL164N	1,30 x 63 mm	BL204N	1,30 x 63 mm
BL165N	1,20 x 58 mm	BL205N	1,20 x 58 mm
BL166N	1,10 x 54 mm	BL206N	1,10 x 54 mm
BL167N	1,10 x 50 mm	BL207N	1,10 x 50 mm
BL168N	1,00 x 46 mm	BL208N	1,00 x 46 mm
BL169N	1,00 x 42 mm	BL209N	1,00 x 42 mm
BL170N	0,90 x 38 mm	BL210N	0,90 x 38 mm
BL171N	0,80 x 34 mm	BL211N	0,80 x 34 mm
BL172N	0,70 x 30 mm	BL212N	0,70 x 30 mm
BL173N	0,70 x 27 mm	BL213N	0,70 x 27 mm
BL174N	0,70 x 23 mm	BL214N	0,70 x 23 mm
BL175N	0,60 x 20 mm	BL215N	0,60 x 20 mm
BL176N	0,60 x 18 mm	BL216N	0,60 x 18 mm

Nähnadeln
Bestelleinheit: **PAK** = Packung à 12 Stück
Suture needles
Sales unit: Package of 12 pieces

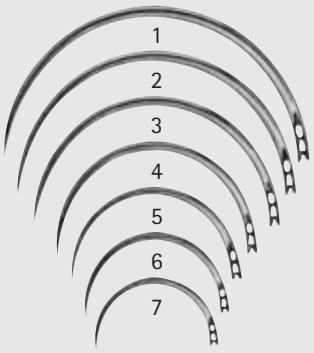
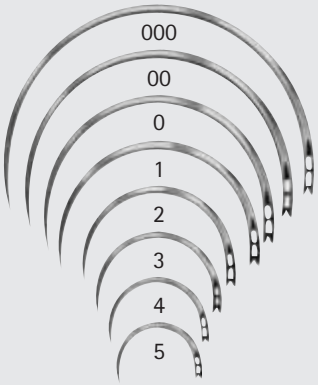


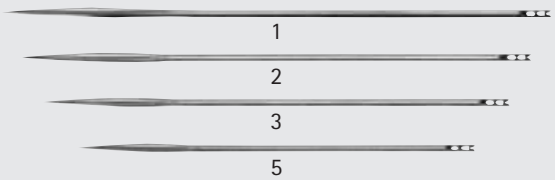
Fig.	●	Ø x Länge Diam. x length	▲	Ø x Länge Diam. x length
000				
00				
0				
1	**BL231N**	1,60 x 65 mm	**BL251N**	1,60 x 65 mm
2	**BL232N**	1,60 x 60 mm	**BL252N**	1,60 x 60 mm
3	**BL233N**	1,40 x 52 mm	**BL253N**	1,40 x 52 mm
4	**BL234N**	1,40 x 45 mm	**BL254N**	1,40 x 45 mm
5	**BL235N**	1,30 x 37 mm	**BL255N**	1,30 x 37 mm
6	**BL236N**	1,10 x 32 mm	**BL256N**	1,10 x 32 mm
7	**BL237N**	1,00 x 26 mm	**BL257N**	1,00 x 26 mm



●	Ø x Länge Diam. x length
BL318N	1,10 x 72 mm
BL319N	1,10 x 63 mm
BL320N	1,00 x 54 mm
BL321N	1,00 x 45 mm
BL322N	0,90 x 36 mm
BL323N	0,80 x 29 mm
BL324N	0,70 x 23 mm
BL325N	0,60 x 20 mm

Fig.	▲	Ø x Länge Diam. x length
1	**BL301N**	0,80 x 75 mm
2	**BL302N**	0,80 x 70 mm
3	**BL303N**	0,80 x 65 mm
5	**BL305N**	0,70 x 55 mm

KEITH

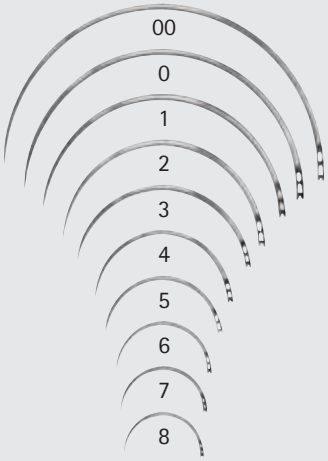


Nähnadeln, Nähdosen – Surgical Needles, Needle Cases

Chirurgische Nadeln und Nähmaterial

Surgical Needles and Suture Material

Nähnadeln
Bestelleinheit: **PAK** = Packung à 12 Stück
Suture needles
Sales unit: Package of 12 pieces

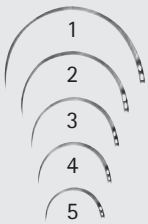


Darmnadeln
Intestinal needles

Fig.	●	Ø x Länge Diam. x length
00	**BL539N**	0,70 x 68 mm
0	**BL540N**	0,70 x 60 mm
1	**BL541N**	0,70 x 52 mm
2	**BL542N**	0,70 x 42 mm
3	**BL543N**	0,60 x 36 mm
4	**BL544N**	0,60 x 30 mm
5	**BL545N**	0,60 x 24 mm
6	**BL546N**	0,60 x 22 mm
7	**BL547N**	0,60 x 20 mm
8	**BL548N**	0,60 x 18 mm

Augennadeln
Eye needles

▲	Ø x Länge Diam. x length
BL601N	0,60 x 30 mm
BL602N	0,60 x 24 mm
BL603N	0,60 x 20 mm
BL604N	0,60 x 15 mm
BL605N	0,60 x 12 mm



Augennadeln
Eye needles

▲	Durchmesser x Länge
BL611N	0,60 x 30 mm
BL612N	0,60 x 24 mm
BL613N	0,60 x 19 mm
BL614N	0,60 x 15 mm
BL615N	0,60 x 12 mm

1/2

BL907R
70 x 53 x 9 mm

BL941R
150 x 90 x 10 mm

BL910R	50 x 25 x 5 mm
BL911R	50 x 30 x 6 mm
BL915R	75 x 25 x 5 mm

BL943R
205 x 120 x 12 mm

1/2

BL930R	Nadeldose mit Innendose	Needle case with interior box	65 x 16 mm
BL932R	Nadeldose mit Innendose	Needle case with interior box	95 x 16 mm
BL929R	Außendose von BL930R allein	Exterior box of BL930R only	65 x 16 mm
BL931R	Innendose von BL930R allein	Interior box of BL930R only	62 x 17 mm
BL933R	Innendose von BL932R allein	Interior box of BL932R only	90 x 17 mm

MILLIMETERS

INCHES
1
2
3
4
5
6
7
8

BM

Nadelhalter, Naht-Instrumente, Unterbindungsnadeln und Hohlsonden

Needle Holders, Suture Instruments, Ligature Needles, Guiding Probes

Nadelhalter – Needle Holders

Mikro-Nadelhalter mit Flachgriff

Micro Needle Holders with Flat Handles

BM563R **BM564R**

1/2

CASTROVIEJO

BM563R-BM564R

mit Sperre

with catch

145 mm, 5 3/4"

FD076R **FD079R**

1/2

FD076R-FD079R

ohne Sperre

without catch

160 mm, 6 1/4"

FD080R **FD081R**

1/2

FD080R-FD081R

ohne Sperre

without catch

185 mm, 7 1/4"

FD045R
ohne Sperre
without catch

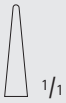
FD046R
mit Sperre
with catch

1/2

JACOBSON

FD045R-FD046R

185 mm, 7 1/4"



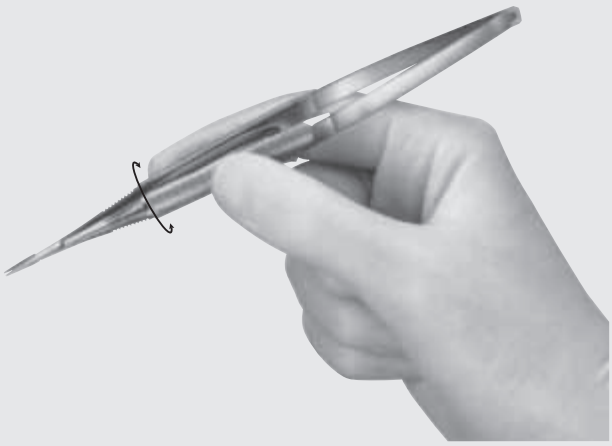
1/2

FD048R

mit Sperre

with catch

200 mm, 8"



... mit Rundgriffen
- Rundgriffe erlauben Drehbewegungen zwischen den Fingern.
- Optimale Balance, individuell je nach Instrument, durch volle oder gehöhlte Griffpartien.

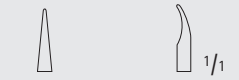
... with round handles
- Round handles allow turning manipulations between the fingers.
- Optimum balance individually for each instrument due to solid or hollowed-out handles.

BM560R	BM562R
115 mm 4 1/2"	120 mm 4 3/4"

BARRAQUER

BM560R-BM562R

ohne Sperre
without catch

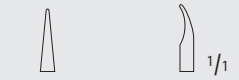


FD230R	FD231R

BARRAQUER

FD230R-FD231R

ohne Sperre
without catch
120 mm, 4 3/4"



FD232R	FD233R

BARRAQUER

FD232R-FD233R

mit Sperre
with catch
120 mm, 4 3/4"

Nadelhalter – Needle Holders

Mikro-Nadelhalter mit Rundgriffen

Micro Needle Holders with Round Handles

FD240R **FD241R**

REILL

FD240R-FD241R

ohne Sperre

without catch

150 mm, 6"

FD242R **FD243R**

FD242R-FD243R

mit Sperre

with catch

150 mm, 6"

FD244R **FD245R**

FD244R-FD245R

ohne Sperre

without catch

185 mm, 7 1/4"

FD246R **FD247R**

FD246R-FD247R

mit Sperre

with catch

185 mm, 7 1/4"

Das MÜLLER Mikro-Instrumentarium
Ein hochwertiges Set für die periphere Mikrochirurgie. Zahlreiche praxisbewährte Details führen zu mehr Effektivität und Sicherheit.

Unverkrampfte Haltung = mehr Feingefühl
Das leichte Kunststoffprofil vergrößert die Griffoberfläche, gewährleistet dadurch eine unverkrampfte Handhaltung und verleiht mehr Feingefühl.

Leichteres Drehen = erweiterter Arbeitsbereich
Der runde Griffquerschnitt ermöglicht leichtes, gleichmäßiges Drehen des Instrumentes. Verwendungs- bzw. Arbeitsbereich wird dadurch erweitert.

Sicherer Halt
Das griffige Noppenprofil gewährleistet einen durchweg sicheren Halt bei sämtlichen Bewegungsabläufen.

Optimales Handling
Eine Entwicklung nach ergonomischen Gesichtspunkten, verbunden mit dem geringen Gewicht der neuen Kunststoffgriffe schaffen die Voraussetzung zuermüdungsfreiem Arbeiten und optimalem Handling.

The MÜLLER Micro instrument system
A top quality set for peripheral microsurgery. Numerous details tried and tested in practice mean increased efficiency and safety.

Natural holding position = increased sensitivity
The light plastic profile increases the grip surface, thus guaranteeing a natural hand position without cramping and providing enhanced sensitivity.

Easier rotation = extended working area
The round grip cross section permits easy and uniform rotation of the instrument. This extends the application and working areas.

Safe grip
The easy grip studded profile guarantees a secure hold for all movements.

Optimum handling
Development in accordance with ergonomic criteria and the low weight of the new plastic grips provide fatiguefreeworking and optimum handling.

MÜLLER

FM021R

145 mm, 5 3/4"

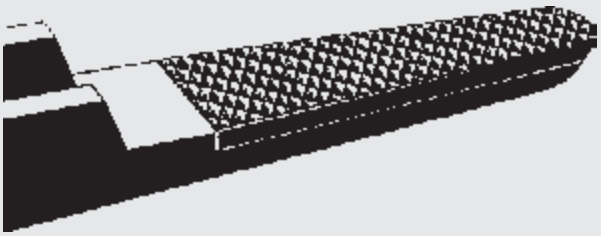
MÜLLER

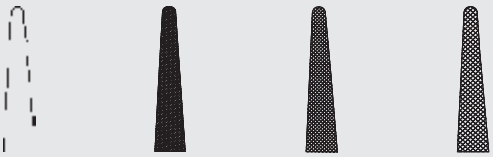
FM061R

180 mm, 7"

Nadelhalter – Needle Holders

DUROGRIP® Mikro-Nadelhalter
DUROGRIP® Micro Needle Holders





glatt
smooth

0,2

0,4

0,5

AESCULAP-Nadelhalter sind durch die Struktur der Hartmetall-Maulteile auf das jeweilige, indikationsbezogene Nahtmaterial abgestimmt. Eine glatte Maulfläche sowie 3 verschiedene Haftprofile garantieren den sicheren „Griff" der jeweiligen Nadel.

AESCULAP needle holders have jaws with carbide inserts and according to the use required the resp. structure can be chosen. A smooth jaw surface as well as 3 different serrations guarantee a sure „grip" of the resp. needle.

Wir empfehlen Hartmetall-Maulteile		
mit glatter Fläche für Nahtmaterial		9/0 – 11/0
mit Teilung	0,2 mm für Nahtmaterial	6/0 – 10/0
	0,4 mm	4/0 – 6/0
	0,5 mm	bis 3/0

We recommend carbide inserts		
with smooth jaw surface for suture material		9/0 – 11/0
with	0.2 mm pitch of serration for suture material	6/0 – 10/0
	0.4 mm	4/0 – 6/0
	0.5 mm	up to 3/0

DUROGRIP®-Nadelhalter mit Hartmetall-Plättchen
Kennzeichnung:
Vergoldete Ringe, Branchenenden und Sperren

DUROGRIP® Needle Holders with carbide inserts
Identification:
gold-plated rings, handle ends and ratchets

1/1
mit glattem Maul
with smooth jaw

1/2

CASTROVIEJO

BM001R

145 mm, 5 3/4"

1/1
0,2

1/2

CASTROVIEJO

BM002R

145 mm, 5 3/4"

1/1
0,4

1/2

BM003R

170 mm, 6 3/4"

CASTROVIEJO

BM004R

180 mm, 7"

CASTROVIEJO

BM005R

215 mm, 8 1/2"

FM388R

mit Sperre
with catch
180 mm, 7"

FM390R

mit Sperre
with catch
200 mm, 8"

Nadelhalter – Needle Holders

DIADUST Mikro-Nadelhalter mit Rundgriff

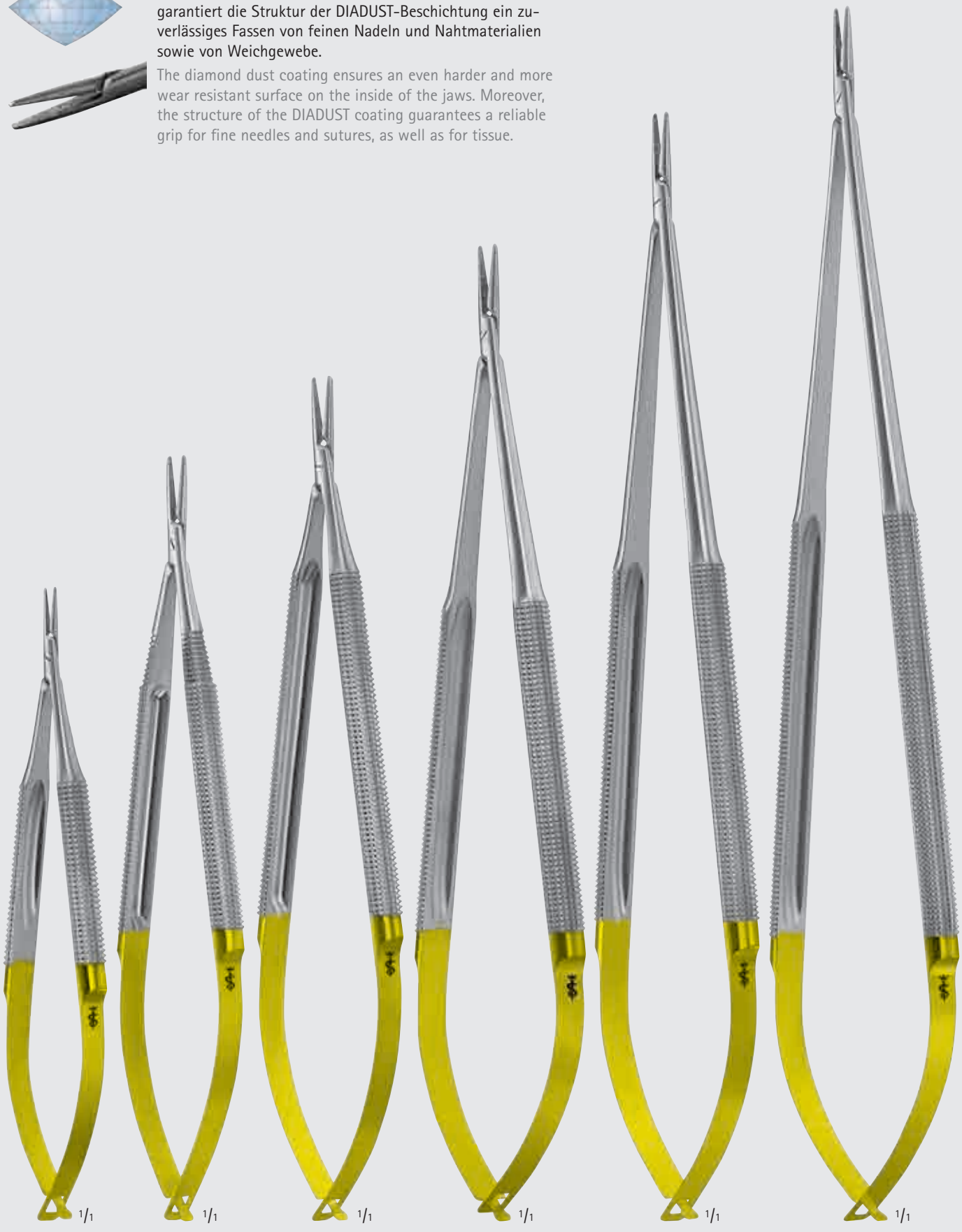
DIADUST Micro Needle Holders with Round Handle

DIADUST

Die Diamantstaubbeschichtung sorgt für eine noch härtere und verschleißfestere Maulinnenfläche. Darüber hinaus garantiert die Struktur der DIADUST-Beschichtung ein zuverlässiges Fassen von feinen Nadeln und Nahtmaterialien sowie von Weichgewebe.

The diamond dust coating ensures an even harder and more wear resistant surface on the inside of the jaws. Moreover, the structure of the DIADUST coating guarantees a reliable grip for fine needles and sutures, as well as for tissue.

DIADUST



1/1 120 mm, 4 3/4"

1/1 145 mm, 5 3/4"

1/1 160 mm, 6 1/4"

1/1 185 mm, 7 1/4"

1/1 210 mm, 8 1/4"

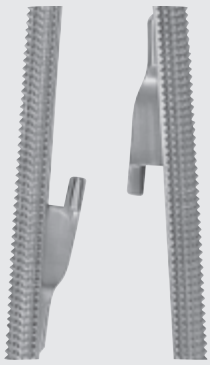
1/1 230 mm, 9"

INCHES

Nadelhalter – Needle Holders

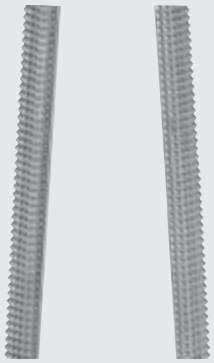
DIADUST Mikro-Nadelhalter mit Rundggriff

DIADUST Micro Needle Holders with Round Handle



mit Sperre
with ratchet

Länge (mm) Length (in.)	1/1	1/1	1/1	1/1
	Nahtmaterialgröße Suture size			
	7/0 und kleiner 7/0 and smaller	5/0 und kleiner 5/0 and smaller	4/0 und kleiner 4/0 and smaller	4/0 und kleiner 4/0 and smaller
120 mm 4 3/4"	**FM520R**			
145 mm 5 3/4"		**FM522R**		
160 mm 6 1/4"	**FM521R**	**FM523R**		
185 mm 7 1/4"	**FM563R**	**FM564R**	**FM218R**	
210 mm 8 1/4"	**FM565R**	**FM566R**	**FM228R**	**FM221R**
230 mm 9"	**FM567R**	**FM568R**	**FM230R**	**FM223R**



ohne Sperre
without ratchet

Länge (mm) Length (in.)	1/1	1/1
	Nahtmaterialgröße Suture size	
	7/0 und kleiner 7/0 and smaller	5/0 und kleiner 5/0 and smaller
120 mm 4 3/4"	**FM524R**	
145 mm 5 3/4"		**FM528R**
160 mm 6 1/4"	**FM525R**	**FM529R**
185 mm 7 1/4"	**FM526R**	**FM530R**
210 mm 8 1/4"	**FM527R**	**FM531R**
230 mm 9"	**FM532R**	**FM533R**

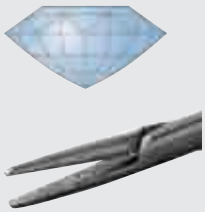
MILLIMETERS

Nadelhalter – Needle Holders

DIADUST Mikro-Nadelhalter mit Rundgriff

DIADUST Micro Needle Holders with Round Handle

DIADUST



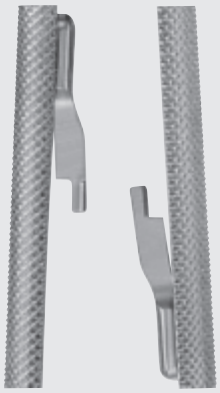
Die Diamantstaubbeschichtung sorgt für eine noch härtere und verschleißfestere Maulinnenfläche. Darüber hinaus garantiert die Struktur der DIADUST-Beschichtung ein zuverlässiges Fassen von feinen Nadeln und Nahtmaterialien sowie von Weichgewebe.

The diamond dust coating ensures an even harder and more wear resistant surface on the inside of the jaws. Moreover, the structure of the DIADUST coating guarantees a reliable grip for fine needles and sutures, as well as for tissue.

1/1
190 mm, 7 1/2"

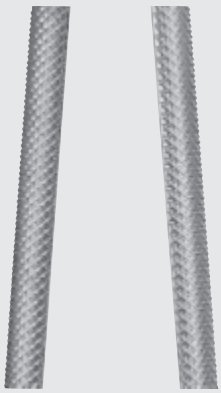
1/1
230 mm, 9"

1/1
250 mm, 10"



mit Sperre, kräftige Ausführung
with ratchet, heavy style

Länge (mm) Length (in.)	1/1 Nahtmaterialgröße Suture size 2/0 und kleiner 2/0 and smaller
190 mm 7 1/2"	FM538R
230 mm 9"	FM539R
250 mm 10"	FM534R



ohne Sperre, kräftige Ausführung
without ratchet, heavy style

Länge (mm) Length (in.)	1/1 Nahtmaterialgröße Suture size 2/0 und kleiner 2/0 and smaller
190 mm 7 1/2"	FM535R
230 mm 9"	FM536R
250 mm 10"	FM537R

Nadelhalter – Needle Holders

DIADUST Mikro-Nadelhalter mit Flachgriff

DIADUST Micro Needle Holders with Flat Handles

DIADUST

DIADUST

Die Diamantstaubbeschichtung sorgt für eine noch härtere und verschleißfestere Maulinnenfläche. Darüber hinaus garantiert die Struktur der DIADUST-Beschichtung ein zuverlässiges Fassen von feinen Nadeln und Nahtmaterialien sowie von Weichgewebe.

The diamond dust coating ensures an even harder and more wear resistant surface on the inside of the jaws. Moreover, the structure of the DIADUST coating guarantees a reliable grip for fine needles and sutures, as well as for tissue.

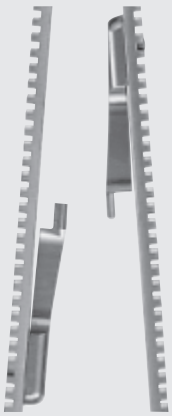
1/1
145 mm, 5 3/4"

1/1
170 mm, 6 3/4"

1/1
185 mm, 7 1/4"

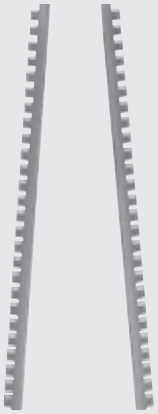
1/1
210 mm, 8 1/4"

1/1
230 mm, 9"



mit Sperre
with ratchet

Länge (mm) Length (in.)	1/1 Nahtmaterialgröße Suture size: 7/0 und kleiner 7/0 and smaller	1/1 Nahtmaterialgröße Suture size: 5/0 und kleiner 5/0 and smaller
145 mm 5 3/4"		FM541R
170 mm 6 3/4"	FM540R	
185 mm 7 1/4"		FM542R
210 mm 8 1/4"		FM543R
230 mm 9"		FM544R



ohne Sperre
without ratchet

Länge (mm) Length (in.)	1/1 Nahtmaterialgröße Suture size: 7/0 und kleiner 7/0 and smaller	1/1 Nahtmaterialgröße Suture size: 5/0 und kleiner 5/0 and smaller
145 mm 5 3/4"		FM546R
170 mm 6 3/4"	FM545R	
185 mm 7 1/4"		FM547R
210 mm 8 1/4"		FM548R
230 mm 9"		FM549R

Nadelhalter – Needle Holders

DIADUST Mikro-Nadelhalter mit Flachgriff

DIADUST Micro Needle Holder with Flat Knurled Handle

DIADUST

DIADUST

Die Diamantstaubbeschichtung sorgt für eine noch härtere und verschleißfestere Maulinnenfläche. Darüber hinaus garantiert die Struktur der DIADUST-Beschichtung ein zuverlässiges Fassen von feinen Nadeln und Nahtmaterialien sowie von Weichgewebe.

The diamond dust coating ensures an even harder and more wear resistant surface on the inside of the jaws. Moreover, the structure of the DIADUST coating guarantees a reliable grip for fine needles and sutures, as well as for tissue.

1/1

185 mm, 7 1/4"

1/1

210 mm, 8 1/4"

1/1

230 mm, 9"

INCHES

		1/1
		Nahtmaterialgröße Suture size
mit Sperre with ratchet	Länge (mm) Length (in.)	5/0 und kleiner 5/0 and smaller
	185 mm 7 1/4"	**FM550R**
	210 mm 8 1/4"	**FM551R**
	230 mm 9"	**FM552R**

		1/1
		Nahtmaterialgröße Suture size
ohne Sperre without ratchet	Länge (mm) Length (in.)	5/0 und kleiner 5/0 and smaller
	185 mm 7 1/4"	**FM553R**
	210 mm 8 1/4"	**FM554R**
	230 mm 9"	**FM555R**

Nadelhalter – Needle Holders

DIADUST Mikro-Nadelhalter

DIADUST Micro Needle Holders

DIADUST

DIADUST

Die Diamantstaubbeschichtung sorgt für eine noch härtere und verschleißfestere Maulinnenfläche. Darüber hinaus garantiert die Struktur der DIADUST-Beschichtung ein zuverlässiges Fassen von feinen Nadeln und Nahtmaterialien sowie von Weichgewebe.

The diamond dust coating ensures an even harder and more wear resistant surface on the inside of the jaws. Moreover, the structure of the DIADUST coating guarantees a reliable grip for fine needles and sutures, as well as for tissue.

GLASSER

FM560R

Nahtmaterialgröße: 5/0 und kleiner

Suture size: 5/0 and smaller

125 mm, 5"

GLASSER

FM561R

Nahtmaterialgröße: 5/0 und kleiner

Suture size: 5/0 and smaller

180 mm, 7"

FD258R **FD259R**

FD258R–FD259R
180 mm, 7"

FM236R
mit Sperre
Nahtmaterialgröße: 5/0 und kleiner
with ratchet
Suture size: 5/0 and smaller
210 mm, 8 1/4"

FM276R
ohne Sperre
Nahtmaterialgröße: 5/0 und kleiner
without ratchet
Suture size: 5/0 and smaller
210 mm, 8 1/4"

Nadelhalter – Needle Holders

DIADUST Mikro-Nadelhalter

DIADUST Micro Needle Holders

DIADUST

Die Diamantstaubbeschichtung sorgt für eine noch härtere und verschleißfestere Maulinnenfläche. Darüber hinaus garantiert die Struktur der DIADUST-Beschichtung ein zuverlässiges Fassen von feinen Nadeln und Nahtmaterialien sowie von Weichgewebe.

The diamond dust coating ensures an even harder and more wear resistant surface on the inside of the jaws. Moreover, the structure of the DIADUST coating guarantees a reliable grip for fine needles and sutures, as well as for tissue.

DIADUST

1/1

BM301R	BM325R	BM302R	BM327R	BM328R
140 mm	160 mm	180 mm	220 mm	250 mm
5 1/2"	6 1/4"	7"	8 3/4"	10"

RYDER

BM301R-BM328R

Nahtmaterialgröße: 5/0 und kleiner

Suture Size: 5/0 and smaller

CONVERSE

BM200R

130 mm, 5 1/8""

WEBSTER

BM202R

125 mm, 5"

HALSEY

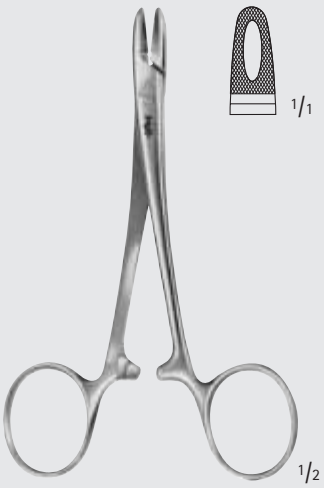
BM201R–BM205R

130 mm, 5 1/8"

DERF

BM204R

125 mm, 5"



DOYEN

BM210R

125 mm, 5"

BAUMGARTNER

BM215R

145 mm, 5 3/4"

Nadelhalter – Needle Holders

Nadelhalter
Needle Holders

1/1
feines Modell
delicate plattern

1/2

CRILE-WOOD

BM218R

150 mm, 6"

1/1
kräftiges Modell
heavy plattern

1/2

CRILE-WOOD

BM220R

160 mm, 6 1/4"

1/1

1/2

CRILE-MURRAY

BM219R

150 mm, 6"

1/1

1/2

KILNER

BM211R

135 mm, 6"

feines Maul
delicate jaw

LAWRANCE

BM221R

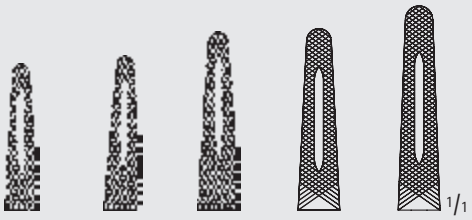
150 mm, 6"

für Frontal-, Gaumennaht etc. geeignet
designed for frontal and palate suture

ADSON

BM224R

180 mm, 7"



BM235R	BM236R	BM237R	BM238R	BM240R
150 mm	185 mm	200 mm	235 mm	265 mm
6"	7 1/4""	8"	9 1/4"	10 1/2"

MAYO-HEGAR

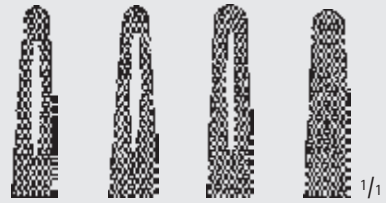
BM235R-BM240R

mittelfeine Modelle
medium fine patterns

Nadelhalter – Needle Holders

Nadelhalter

Needle Holders



1/1

BM245R	BM247R	BM249R	BM255R
150 mm	175 mm	205 mm	205 mm
6"	7"	8"	8"

HEGAR

BM245R–BM255R

kräftige Modelle

heavy patterns

1/1

BM241R	BM242R
165 mm	190 mm
6 1/2"	7 1/2"

MAYO-HEGAR

BM241R–BM242R

1/1

1/2

HEANEY

BM259R

200 mm, 8"

1/1

1/2

JAMESON

BM270R

230 mm, 9"

WANGENSTEEN

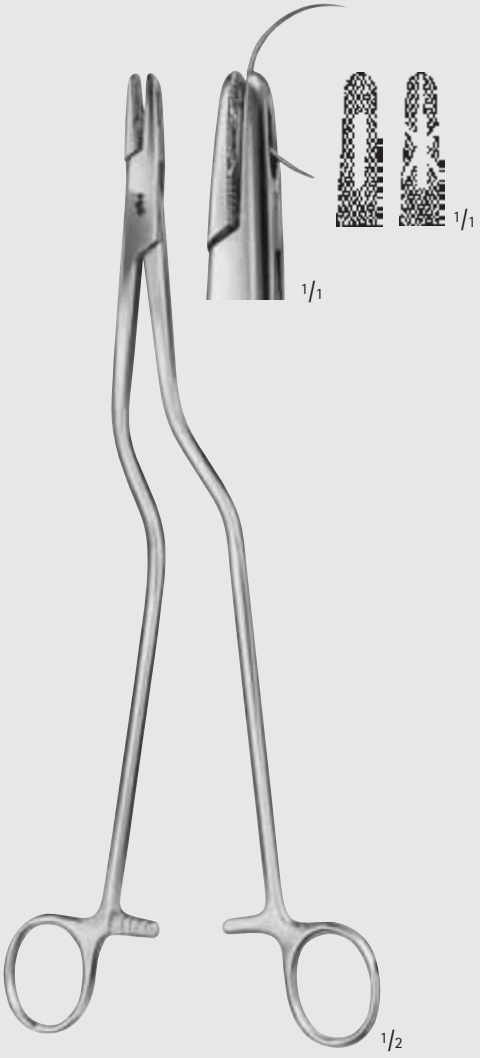
BM272R

275 mm, 10 3/4"

MASSON

BM275R

265 mm, 10 1/2"



MASSON-LUETHY

BM280R

255 mm, 10"

Nadelhalter – Needle Holders

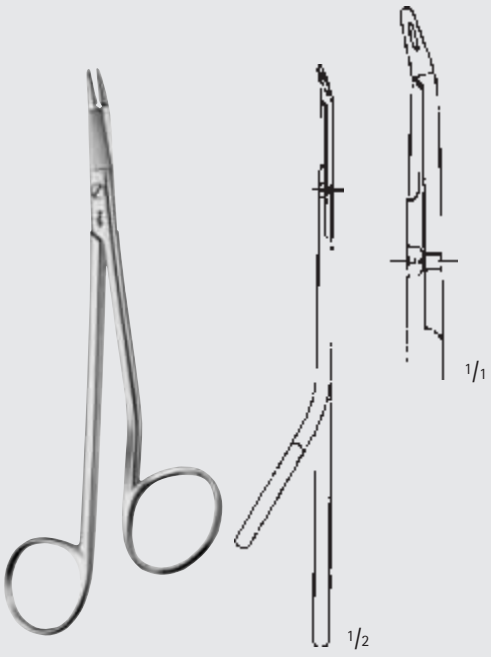
Nadelhalter mit Schere

Needle Holders with Scissors

BM290R	BM291R
140 mm	185 mm
5 1/2"	7 1/4"

HEGAR-OLSEN

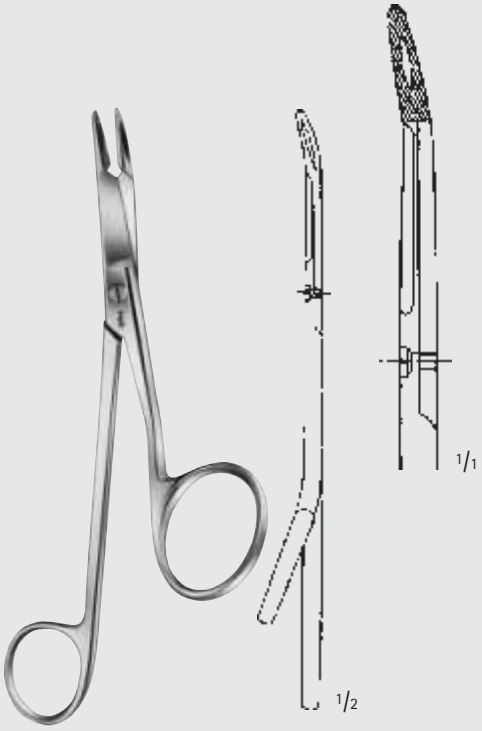
BM290R–BM291R



GILLIES

BM298R

150 mm, 6"



GILLIES

BM299R

160 mm, 6 1/4"

CRILE

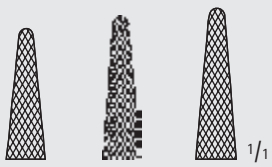
BM503R

150 mm, 6″

TÖNNIS

BM510R

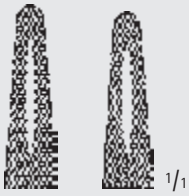
elastisches Modell für Dura- oder Darmnaht
elastic pattern for dura- or intestinal suture
180 mm, 7″



BM360R	BM361R	BM362R
140 mm	170 mm	200 mm
5 1/2″	6 3/4″	8″

MATHIEU

BM360R-BM362R



BM406R	BM407R
175 mm	200 mm
7″	8″

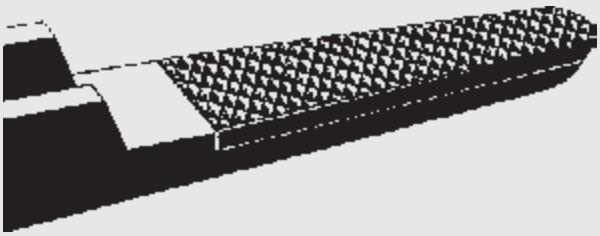
MATHIEU-STILLE

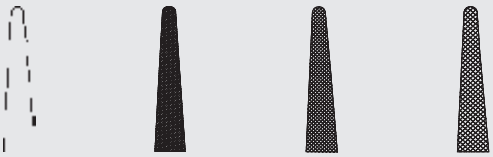
BM406R-BM407R

sehr kräftige Modelle
very heavy patterns

Nadelhalter – Needle Holders

DUROGRIP® Nadelhalter
DUROGRIP® Needle Holders





glatt smooth | 0,2 | 0,4 | 0,5

AESCULAP-Nadelhalter sind durch die Struktur der Hartmetall-Maulteile auf das jeweilige, indikationsbezogene Nahtmaterial abgestimmt. Eine glatte Maulfläche sowie 3 verschiedene Haftprofile garantieren den sicheren „Griff" der jeweiligen Nadel.

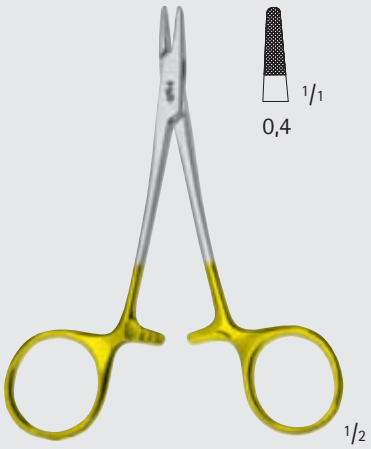
AESCULAP needle holders have jaws with carbide inserts and according to the use required the resp. structure can be chosen. A smooth jaw surface as well as 3 different serrations guarantee a sure „grip" of the resp. needle.

Wir empfehlen Hartmetall-Maulteile		
mit glatter Fläche für Nahtmaterial		9/0 – 11/0
mit Teilung	0,2 mm für Nahtmaterial	6/0 – 10/0
	0,4 mm	4/0 – 6/0
	0,5 mm	bis 3/0

We recommend carbide inserts		
with smooth jaw surface for suture material		9/0 – 11/0
with	0.2 mm pitch of serration for suture material	6/0 – 10/0
	0.4 mm	4/0 – 6/0
	0.5 mm	up to 3/0

DUROGRIP®-Nadelhalter mit Hartmetall-Plättchen
Kennzeichnung:
Vergoldete Ringe, Branchenenden und Sperren

DUROGRIP® Needle Holders with carbide inserts
Identification:
gold-plated rings, handle ends and ratchets



DERF

BM008R

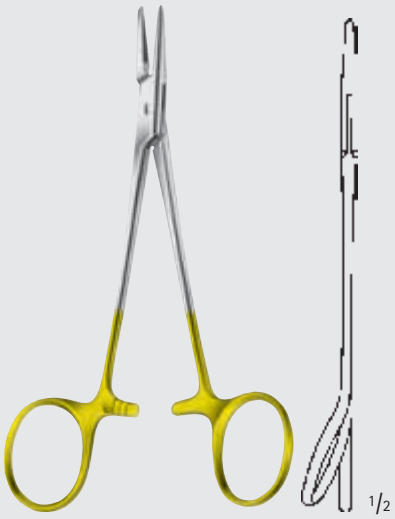
115 mm, 4 1/2"

mit glattem Maul
with smooth jaw

HALSEY

BM010R

120 mm, 4 3/4"



MASING

BM009R

ein Ring abgewinkelt
one ring angled
130 mm, 5 1/8"

CONVERSE

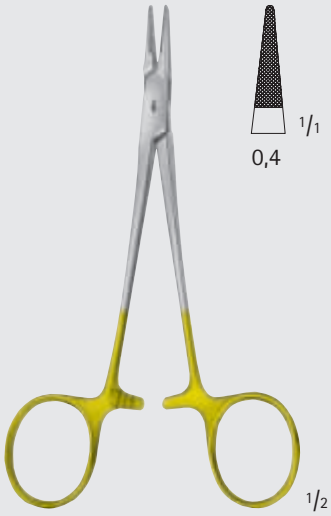
BM011R

130 mm, 5 1/8"

Nadelhalter – Needle Holders

DUROGRIP® Nadelhalter

DUROGRIP® Needle Holders



HALSEY

BM012R

130 mm, 5 1/8"

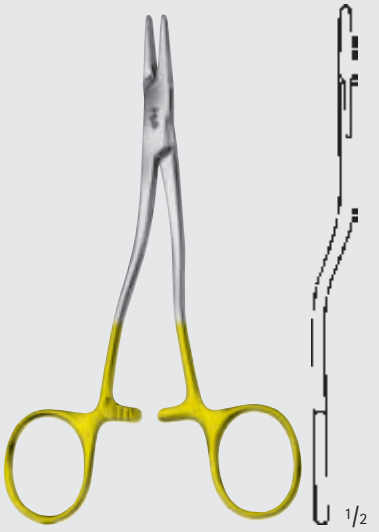
BM014R
mit glattem Maul
with smooth jaws

BM024R

WEBSTER

BM014R-BM024R

125 mm, 5"



KILNER

BM018R

135 mm, 5 1/4"

BAUMGARTNER

BM015R

145 mm, 5 3/4"

BABY-CRILE-WOOD

BM013R

150 mm, 6"

BM016R	BM017R	BM019R	BM030R	BM021R
145 mm	185 mm	200 mm	270 mm	305 mm
5 3/4"	7 1/4"	8"	10 3/8"	12 1/2"

CRILE-WOOD

BM016R–BM030R

BM020R	BM023R
175 mm	260 mm
7"	10 1/4"

SAROT

BM020R–BM023R

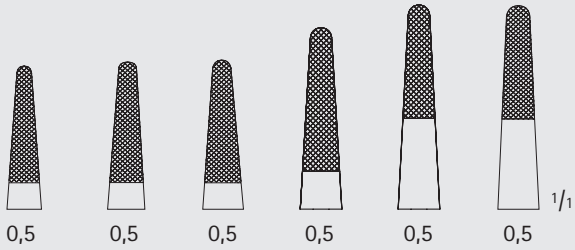
HEGAR-MAYO-SEELEY

BM022R

200 mm, 8"

Nadelhalter – Needle Holders

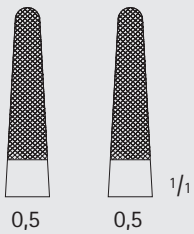
DUROGRIP® Nadelhalter
DUROGRIP® Needle Holders



BM065R	BM066R	BM067R	BM068R	BM070R	BM069R
150 mm	185 mm	205 mm	235 mm	265 mm	300 mm
6"	7 1/4"	8"	9 1/4"	10 1/2"	12"

HEGAR-MAYO

BM065R–BM070R



BM077R	BM078R
205 mm	245 mm
8"	9 3/4"

HEGAR

BM077R–BM078R

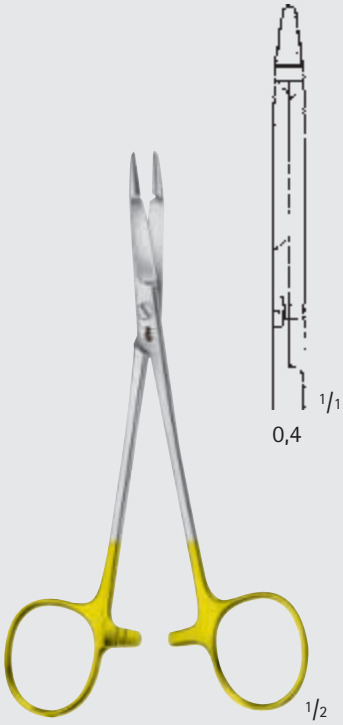
kräftige Modelle

heavy patterns

mit glattem Maul
with smooth jaw

BM127R

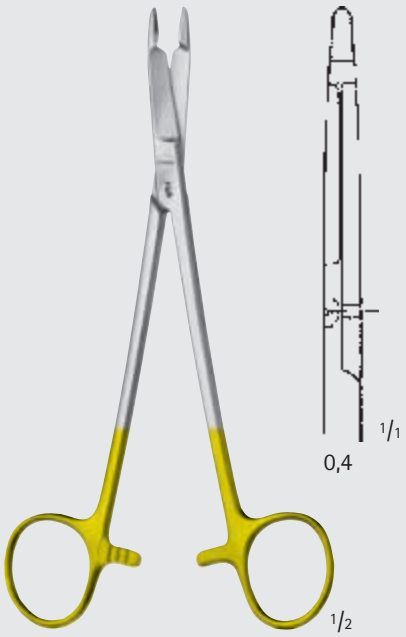
125 mm, 5"



HEGAR-OLSEN MODIF. LANGE

BM128R

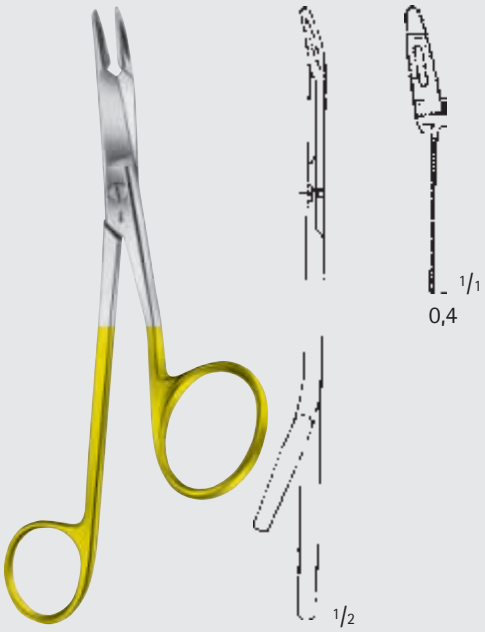
145 mm, 5 3/4"



HEGAR-OLSEN

BM124R

1 Blatt fein gezahnt
1 blade fine serrated
165 mm, 6 1/2"



GILLIES

BM129R

160 mm, 6 1/4"

Nadelhalter – Needle Holders

DUROGRIP® Nadelhalter, Drahtspannzangen, Ligaturzangen

DUROGRIP® Needle Holders, Wire Twisters, Ligature Forceps

BM110R

150 mm, 6"

BM111R

150 mm, 6"

BAUMGARTNER

BM112R

200 mm, 8"

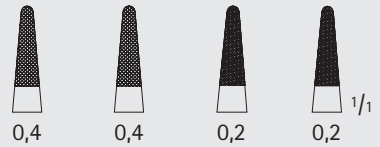
BM113R

175 mm, 7"

BERRY

MD456R

185 mm, 7 1/4"



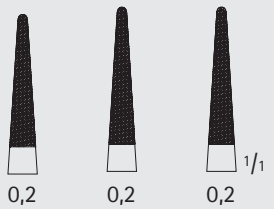
0,4	0,4	0,2	0,2
BM033R	BM034R	BM063R	BM064R
165 mm	210 mm	165 mm	210 mm
6 1/2"	8 1/4"	6 1/2"	8 1/4"

DE BAKEY

BM033R–BM064R

sehr fein

very delicate

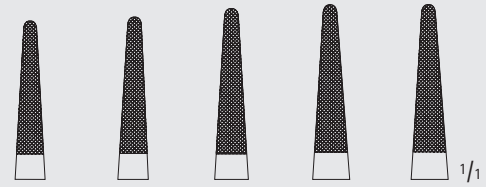


0,2	0,2	0,2
BM025R	BM026R	BM027R
180 mm	200 mm	230 mm
7"	8"	9"

BM025R–BM027R

sehr fein

very delicate



0,4	0,4	0,4	0,4	0,4
BM032R	BM035R	BM036R	BM037R	BM038R
150 mm	180 mm	230 mm	250 mm	305 mm
6"	7"	9"	10"	12"

DE BAKEY

BM032R–BM038R

Nadelhalter – Needle Holders

DUROGRIP® Nadelhalter

DUROGRIP® Needle Holders

»grazil«

DE BAKEY

BM040R

schlankes Modell

slender pattern

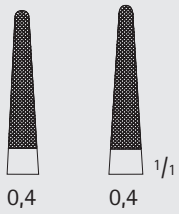
305 mm, 12"

DE BAKEY

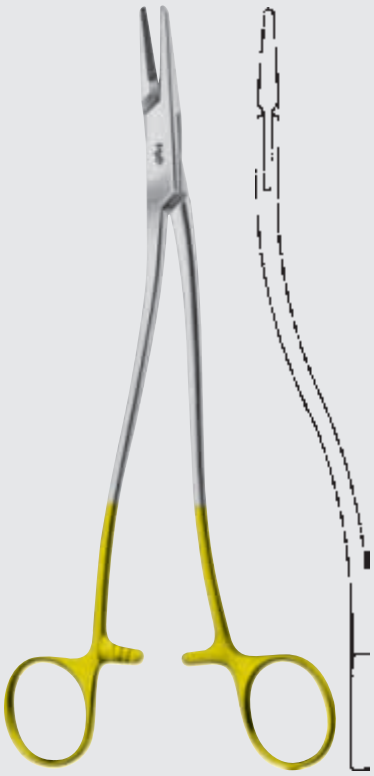
BM051R–BM052R

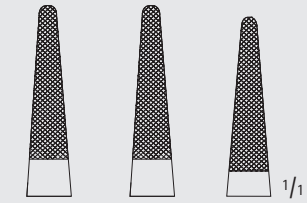
Ringe griffgünstig abgesetzt und gebogen

one extended handle and curved rings ensure optimum grip



BM051R	BM052R
195 mm	245 mm
7 3/4"	9 3/4"

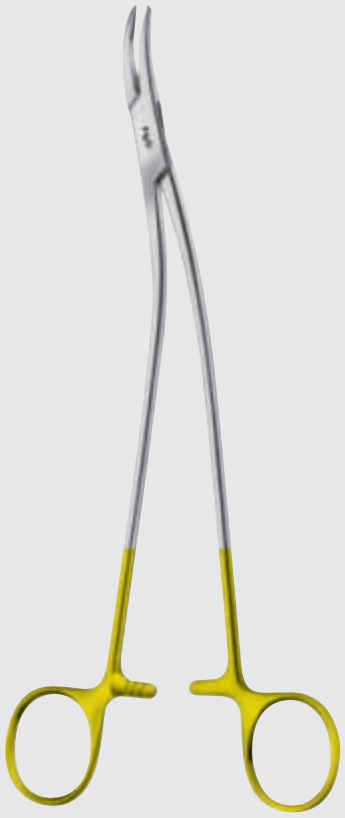


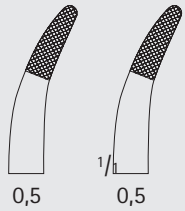


BM100R	BM101R	BM102R
200 mm	240 mm	300 mm
8"	9 1/2"	12"

WERTHEIM

BM100R–BM102R

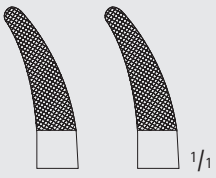




BM095R	BM096R
210 mm	230 mm
8 1/4"	9"

STRATTE

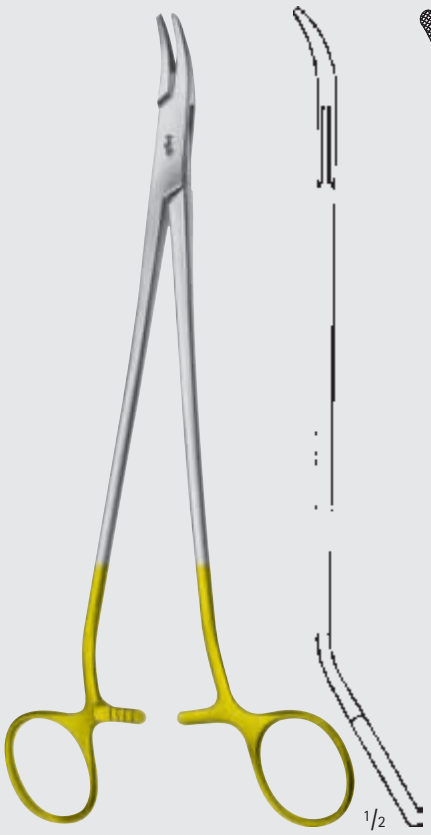
BM095R–BM096R

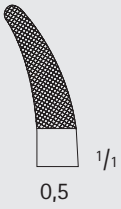


BM081R	BM084R
200 mm	260 mm
8"	10 1/4"

HEANEY

BM081R–BM084R





BM082R

S-förmig gebogen

S-shaped

215 mm, 8 1/2"

Nadelhalter – Needle Holders

DUROGRIP® Nadelhalter

DUROGRIP® Needle Holders

WANGENSTEEN

BM042R

275 mm, 10 3/4"

BM105R

275 mm, 10 3/4"

NAUNTON-MORGAN

BM088R

260 mm, 10 1/2"

MÜLLER

BM089R

für tiefe Rektumchirurgie

for deep rectum surgery

360 mm, 14"

Nadelhalter – Needle Holders

DUROGRIP® Nadelhalter

DUROGRIP® Needle Holders

MASSON

BM090R

265 mm, 10 1/2"

FINOCHIETTO

BM092R

265 mm, 10 1/2"

Diese Spezialmodelle mit extra schmalen Mäulern eignen sich für atraumatische Nadeln und für feine Gefäßnadeln.

These special patterns with extremely fine jaws are suitable for holding non-traumatic needles and fine vein needles.

1/1

BM074R	BM075R	BM076R
150 mm	180 mm	230 mm
6"	7"	9"

RYDER

BM074R–BM076R

mit glattem Maul

with smooth jaws

1/1

0,4

1/2

BM184R

200 mm, 8"

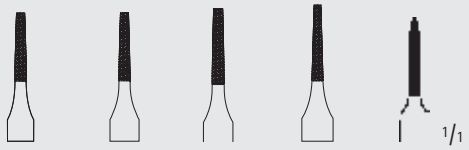
Nadelhalter – Needle Holders

DUROGRIP® Nadelhalter
DUROGRIP® Needle Holders

Diese Spezialmodelle mit extra schmalen Mäulern eignen sich für atraumatische Nadeln und für feine Gefäßnadeln.

These special patterns with extremely fine jaws are suitable for holding non-traumatic needles and fine vein needles.

»grazil«



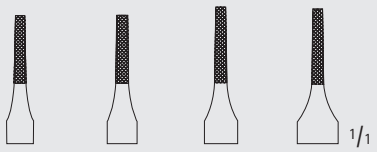
0,2	0,2	0,2	0,2	0,2
BM054R	**BM055R**	**BM056R**	**BM057R**	**BM058R**
135 mm	155 mm	175 mm	210 mm	230 mm
5 1/4"	6"	7"	8 1/4"	9"

RYDER

BM054R–BM058R

sehr fein

very delicate



0,4	0,4	0,4	0,4
BM044R	**BM045R**	**BM046R**	**BM047R**
135 mm	175 mm	195 mm	265 mm
5 1/4"	7"	7 3/4"	10 1/2"

RYDER

BM044R–BM047R

INCHES

Nadelhalter – Needle Holders

DUROGRIP® Nadelhalter, ergonomische Griff-Form

DUROGRIP® Nadelhalter, Ergonomic Handle

Diese Instrumente bieten dem Chirurgen ein Maximum an ergonomischem Komfort. Das optimierte Design der Instrumente ermöglicht ein ermüdungsfreies Arbeiten insbesondere bei schwierigen Naht- und Anastomostechniken.

These instruments provide the surgeon with a maximum of ergonomical comfort. The optimized design of the Instruments offers a fatigue-free working especially with regard to difficult suture and anastmosis techniques.

HELLBERG-KUPKA

BM320R

mit Anreichsperre

with locking ratchet

210 mm, 8 1/4"

REIN-KUPKA

BM310R

ohne Sperre

without ratchet

190 mm, 7 1/2"

REIN-KUPKA

BM311R

mit Sperre

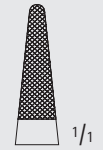
with ratchet

190 mm, 7 1/2"

Nadelhalter – Needle Holders

DUROGRIP® Nadelhalter

DUROGRIP® Needle Holders



TÖNNIS

BM186R

elastisches Modell

elastic pattern

180 mm, 7"

TÖNNIS MODIF.

BM183R

elastisches Modell

elastic pattern

180 mm, 7"

BM191R	BM193R
180 mm	200 mm
7"	8"

LANGENBECK

BM191R–BM193R

»grazil«

LANGENBECK

BM196R

200 mm, 8"

ZWEIFEL

BM170R

200 mm, 8"

kräftiges Modell
für Sternumnaht

heavy pattern
for sternum suture

ZWEIFEL

BM172R

200 mm, 8"

AESCULAP

BM178R

200 mm, 8"

Nadelhalter – Needle Holders

DUROGRIP® Nadelhalter

DUROGRIP® Needle Holders

»grazil«

LICHTENBERG

BM132R

elastisches Modell

elastic pattern

195 mm, 7 3/4"

BM165R

mit langem Hals

with long neck

205 mm, 8"

HÖSEL

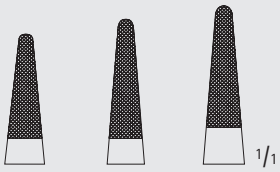
BM168R

mit langem Hals

with long neck

260 mm, 10"

»grazil«



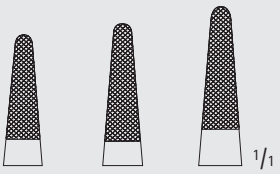
0,4	0,4	0,4
BM148R	**BM150R**	**BM153R**
140 mm	170 mm	200 mm
5 1/2"	6 3/4"	8"

MATHIEU

BM148R–BM153R

feine Modelle

delicate patterns



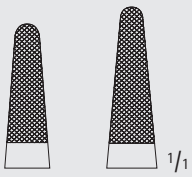
0,5	0,5	0,5
BM149R	**BM151R**	**BM154R**
140 mm	170 mm	200 mm
5 1/2"	6 3/4"	8"

MATHIEU

BM149R–BM154R

Standard-Modelle

Standard patterns



0,5	0,5
BM156R	**BM158R**
200 mm	245 mm
8"	9 3/4"

MATHIEU

BM156R–BM158R

kräftige Modelle

heavy patterns

Nadelhalter – Needle Holders

Bumerang-Nadelhalter
Boomerang Needle Holders

BM627R

BM628R

BM629R

BM627R-BM629R
Ersatz-Nadeln
Spare needles

1/2

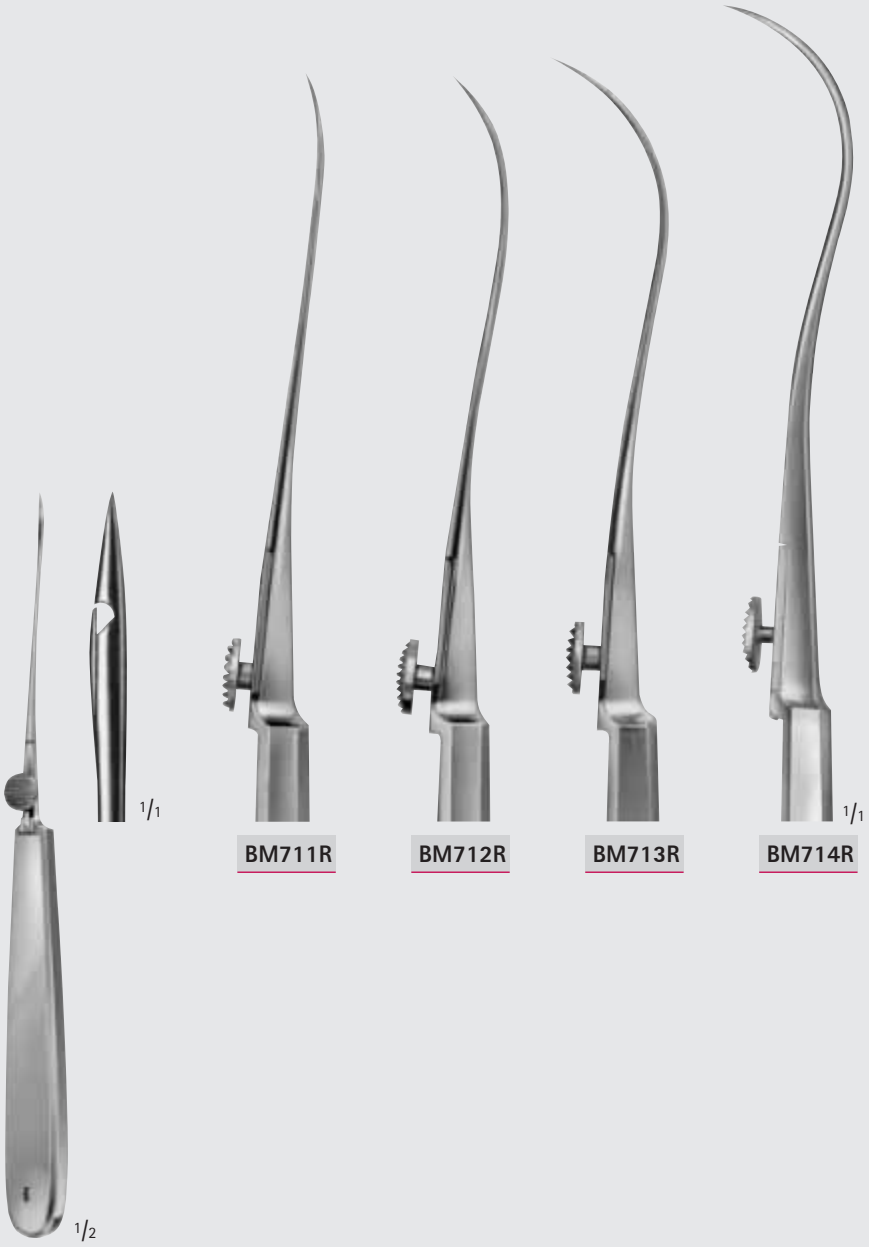
YOUNG-HRYNTSCHAK

BM620R
Bumerang-Nadelhalter
mit 1 Nadel BM627R
Boomerang Needle Holder
with 1 needle BM627R
240 mm, 9 1/2"

1/2

MILLIN

EF168R
Fadenhaltezange
Ligature holding forceps
285 mm, 9 3/4"



BM711R | BM712R | BM713R | BM714R

REVERDIN

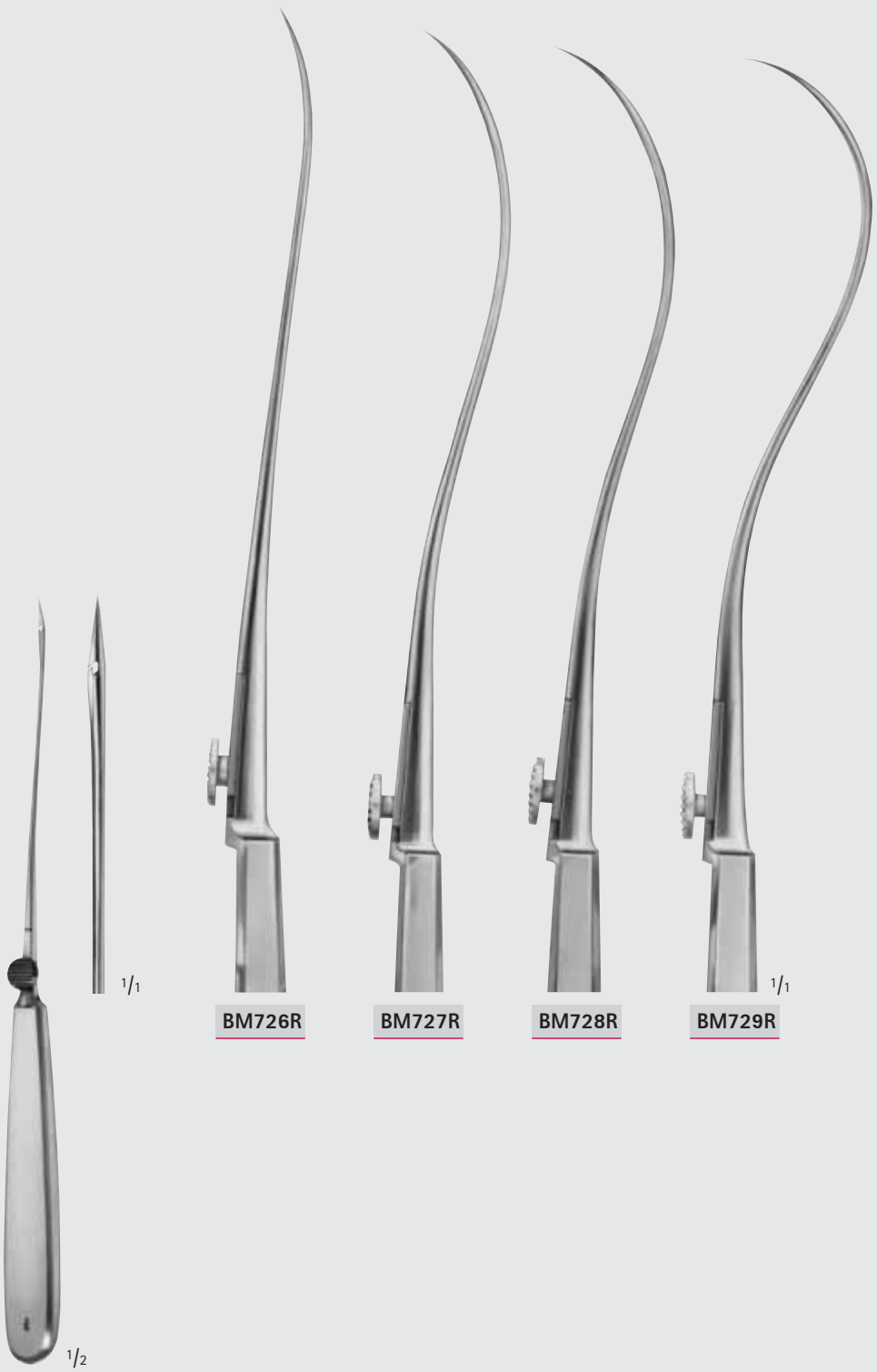
BM711R–BM714R

195 mm, 7 3/4"

Nadelhalter – Needle Holders

Naht-Instrumente - Reverdin-Nadeln

Suture Instruments - Reverdin Needles



1/1

1/1

1/2

BM726R

BM727R

BM728R

BM729R

REVERDIN

BM726R–BM729R

220 mm, 8 3/4"

KRONECKER

BM801R

für rechte Hand
stumpf
for right hand
blunt
155 mm, 6"

KRONECKER

BM802R

für linke Hand
stumpf
for left hand
blunt
155 mm, 6"

DESCHAMPS

BM812R

für rechte Hand
steile Biegung
stumpf
for right hand
steep turn
blunt
225 mm, 9"

DESCHAMPS

BM813R

für linke Hand
steile Biegung
stumpf
for left hand
steep turn
blunt
225 mm, 9"

DESCHAMPS

BM814R

für rechte Hand
steile Biegung
stumpf
for right hand
steep turn
blunt
225 mm, 9"

Nadelhalter – Needle Holders

Naht-Instrumente - Unterbindungsnadeln

Suture Instruments - Ligature Needles

DESCHAMPS

BM806R

für rechte Hand
stumpf
for right hand
blunt
215 mm, 8 1/2"

DESCHAMPS

BM807R

für linke Hand
stumpf
for left hand
blunt
215 mm, 8 1/2"

DESCHAMPS

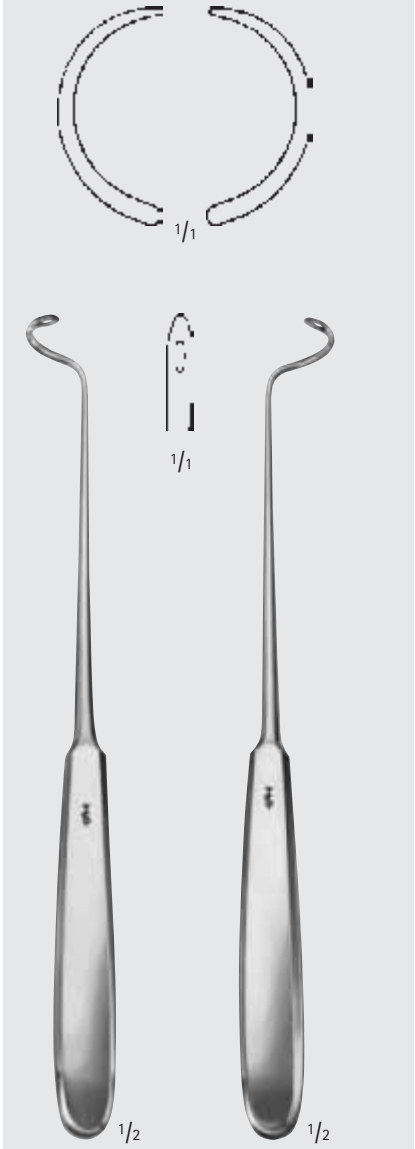
BM808R

für rechte Hand
stumpf
for right hand
blunt
210 mm, 8 1/4"

DESCHAMPS

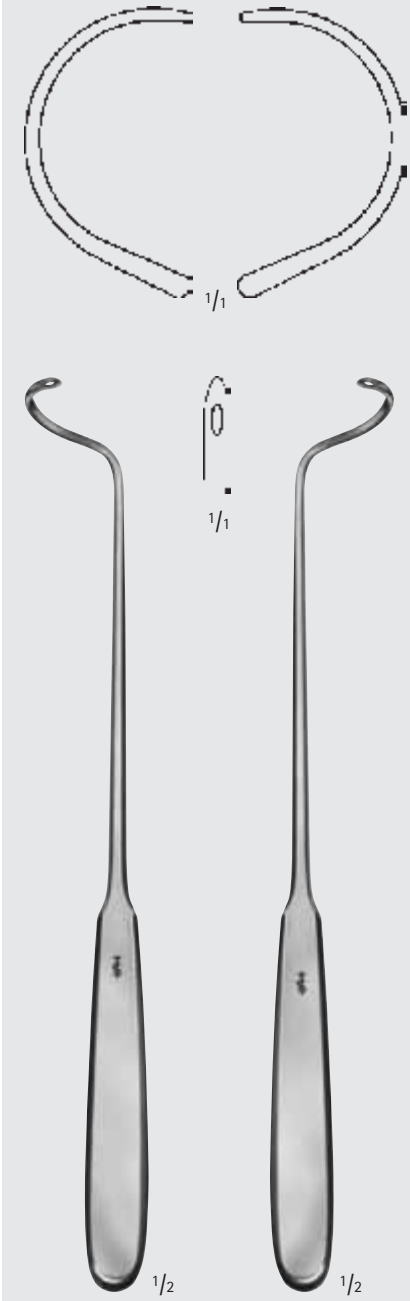
BM809R

für linke Hand
stumpf
for left hand
blunt
210 mm, 8 1/4"



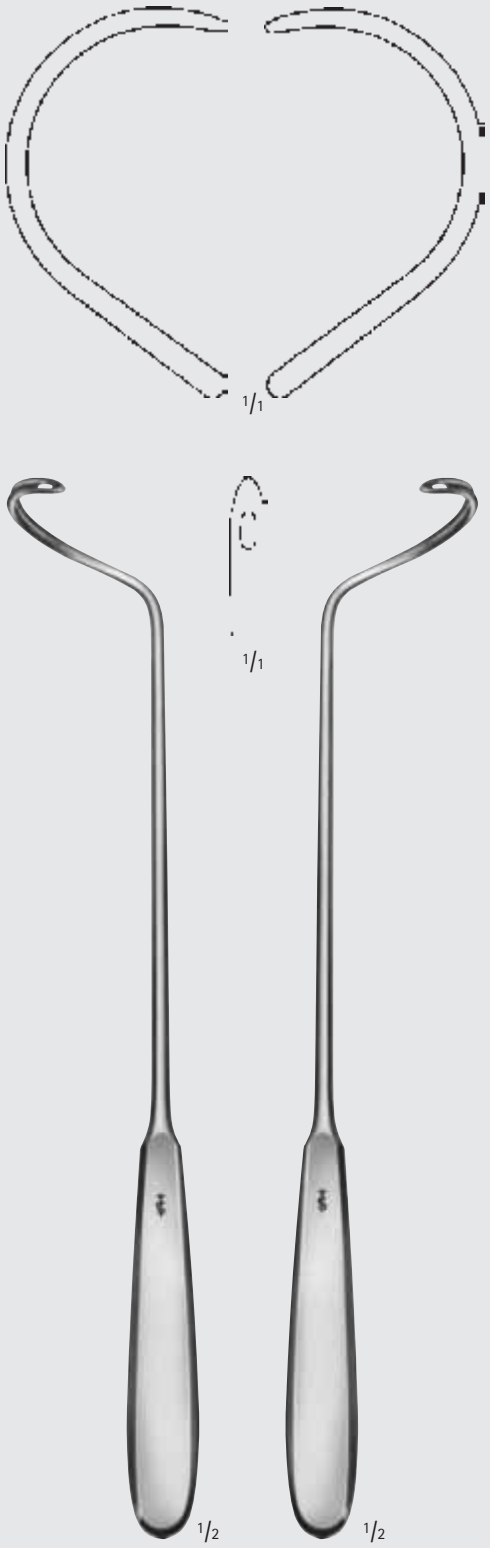
DESCHAMPS
BM810R
für rechte Hand
stumpf
for right hand
blunt
215 mm, 8 1/2"

DESCHAMPS
BM811R
für linke Hand
stumpf
for left hand
blunt
215 mm, 8 1/2"



DESCHAMPS
BM822R
für rechte Hand
stumpf
for right hand
blunt
240 mm, 9 1/2"

DESCHAMPS
BM823R
für linke Hand
stumpf
for left hand
blunt
240 mm, 9 1/2"



DESCHAMPS
BM824R
für rechte Hand
stumpf
for right hand
blunt
280 mm, 11"

DESCHAMPS
BM825R
für linke Hand
stumpf
for left hand
blunt
280 mm, 11"

Nadelhalter – Needle Holders

Naht-Instrumente - Unterbindungsnadeln

Suture Instruments - Ligature Needles

HURD

BM770R

für rechte Hand
scharf
for right hand
sharp
210 mm, 8 1/4"

HURD

BM771R

für linke Hand
scharf
for left hand
sharp
210 mm, 8 1/4"

DESCHAMPS

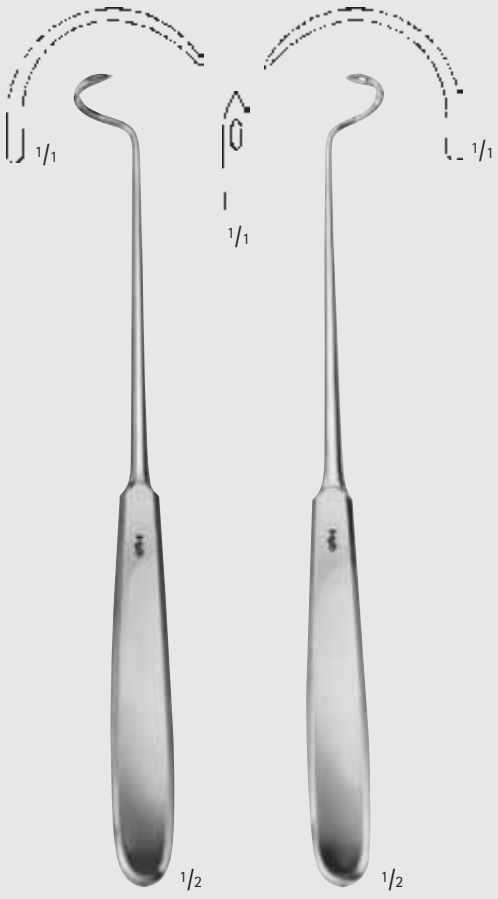
BM780R

für rechte Hand
scharf
for right hand
sharp
210 mm, 8 1/4"

DESCHAMPS

BM781R

für linke Hand
scharf
for left hand
sharp
210 mm, 8 1/4"



DESCHAMPS

BM748R

für rechte Hand
scharf
for right hand
sharp
215 mm, 8 1/2"

DESCHAMPS

BM749R

für linke Hand
scharf
for left hand
sharp
215 mm, 8 1/2"

JONESCO

BM755R

Hohlnadel
Needle for wire suture
185 mm, 7 1/4"

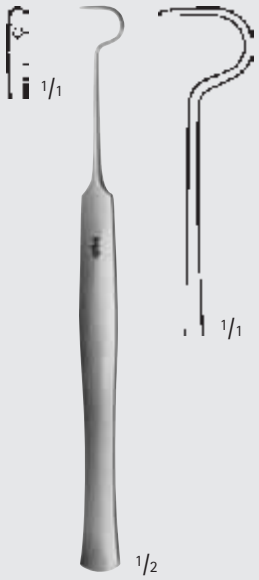
CLAUS VAN EICKEN

BM774R

250 mm, 10"

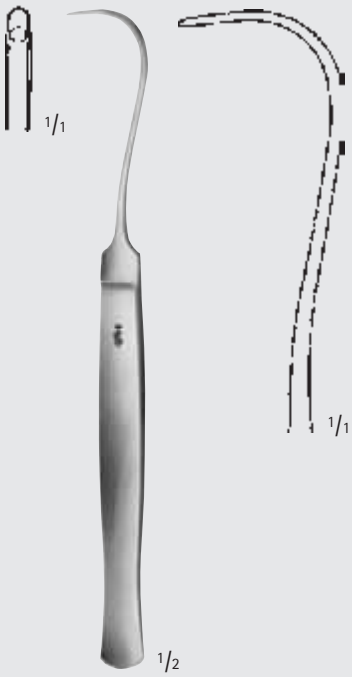
Nadelhalter – Needle Holders

Unterbindungsnadeln
Ligature Needles



BM853R

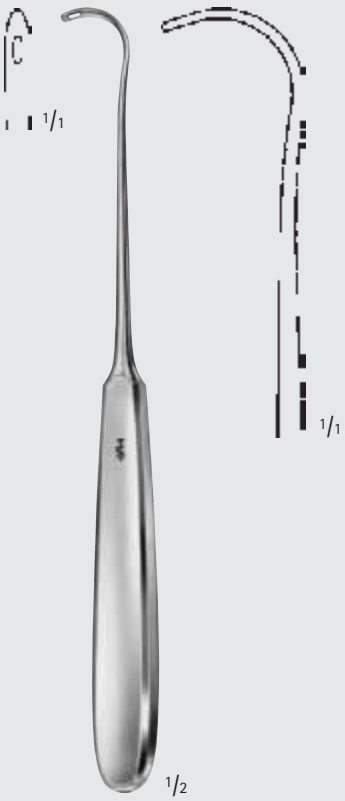
150 mm, 6"



SYME

BM855R

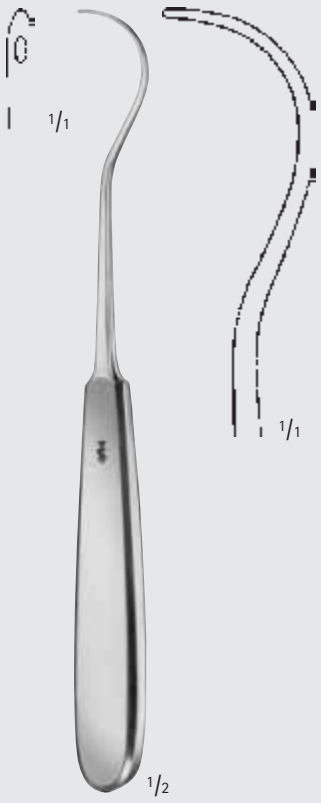
170 mm, 6 3/4"



COOPER

BM856R

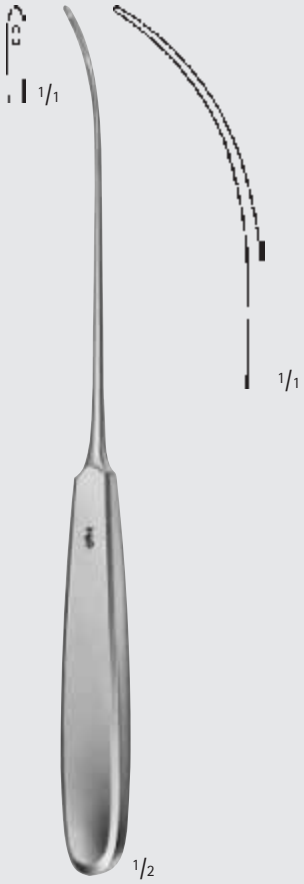
205 mm, 8"



KOCHER

BM858R

205 mm, 8"



BM861R

biegsam

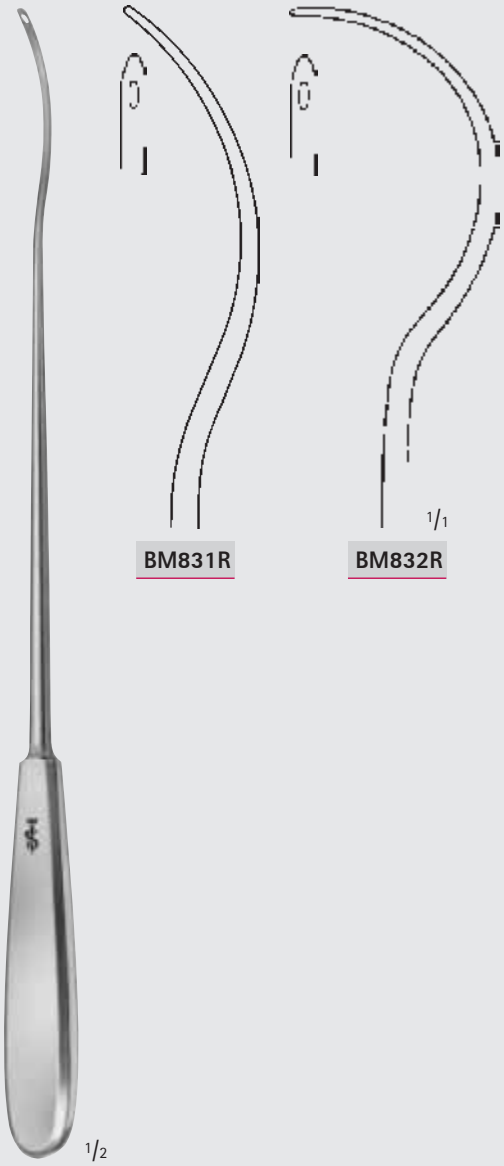
malleable

230 mm, 9"

Nadelhalter – Needle Holders

Unterbindungsnadeln, Führungs-Hohlsonden nach BRUNNER

BRUNNER Ligature Needles, Guiding Probes



1/2

1/1

BM831R

BM832R

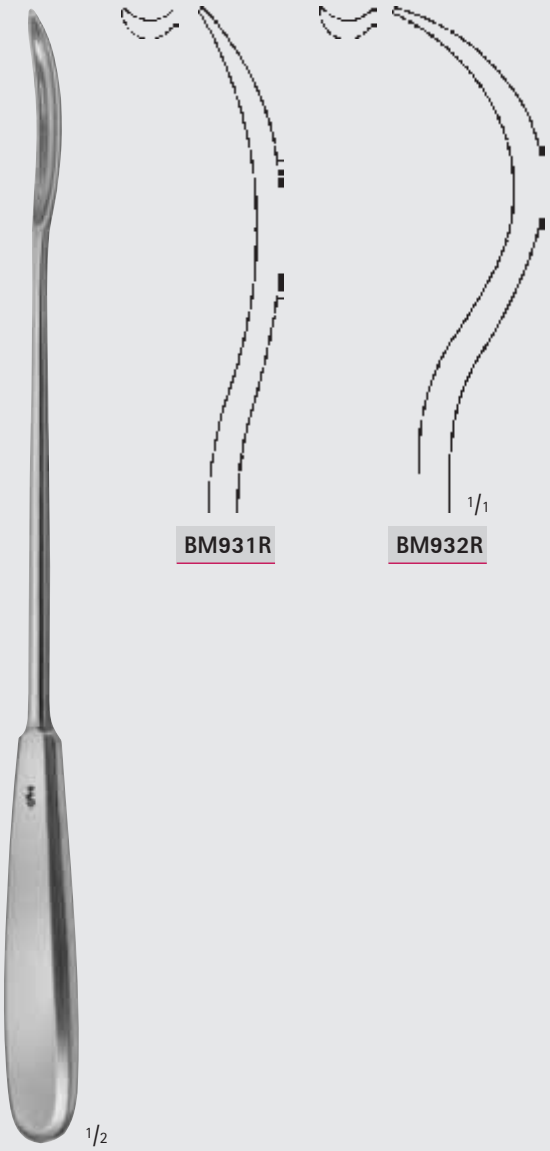
BRUNNER

BM831R–BM832R

Unterbindungsnadeln

Ligature needles

300 mm, 12"



1/2

1/1

BM931R

BM932R

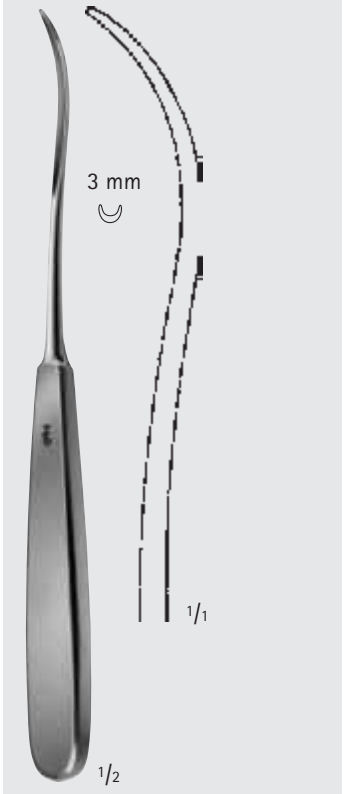
BRUNNER

BM931R–BM932R

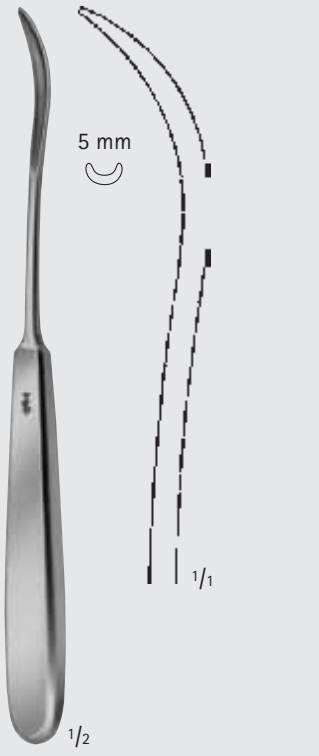
Führungs-Hohlsonden

Guiding probes

300 mm, 12"



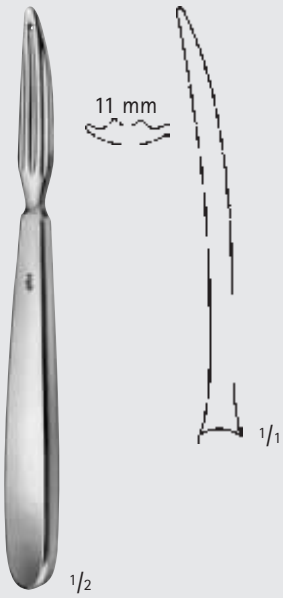
BM900R
200 mm, 8"



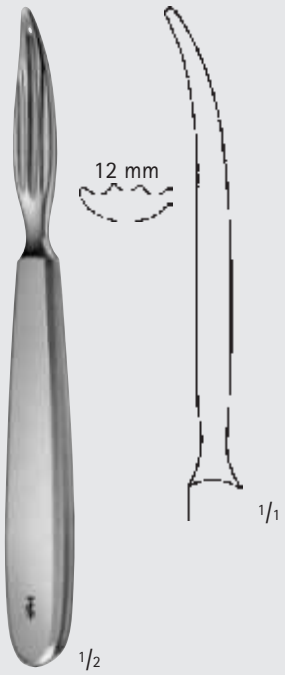
KÖNIG
BM901R
195 mm, 7 3/4"

KÖNIG
BM902R
200 mm, 8"

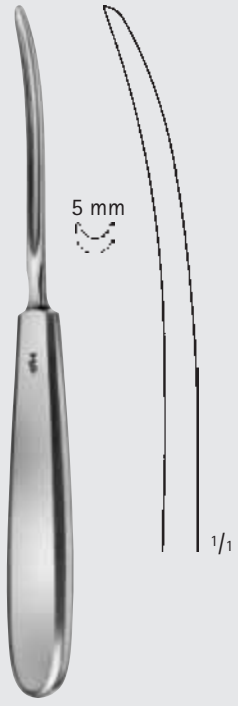
SCHMIEDEN
BM905R
185 mm, 7 1/4"



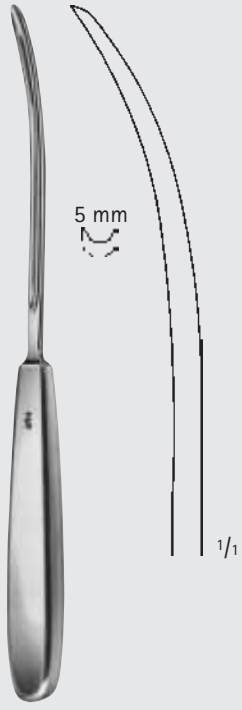
KOCHER
BM911R
150 mm, 6"



KOCHER
BM913R
170 mm, 6 3/4"



PAYR
BM920R
195 mm, 7 3/4"



PAYR
BM922R
225 mm, 9"

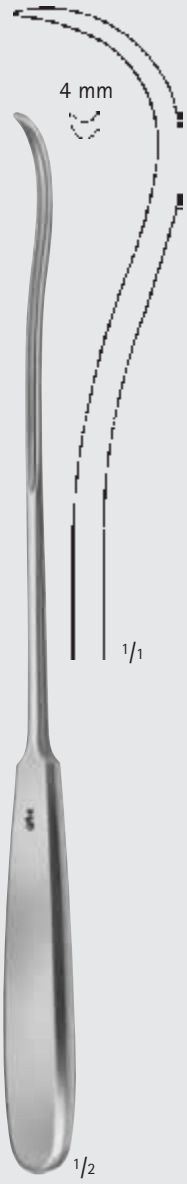
Nadelhalter – Needle Holders

Führungs-Hohlsonden

Guiding Probes

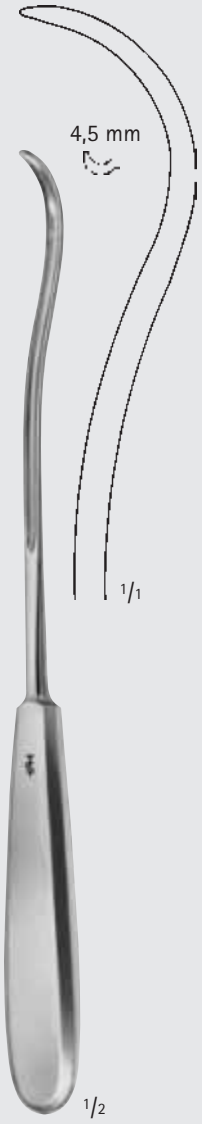
Aus Kunststoff, zur Koagulation sterilisierbar im Autoklav bis 143 °C (3 bar)

Of plastic material, can be sterilized in an autoclave up to 143 °C (3 bar)



BM924R

280 mm, 11"



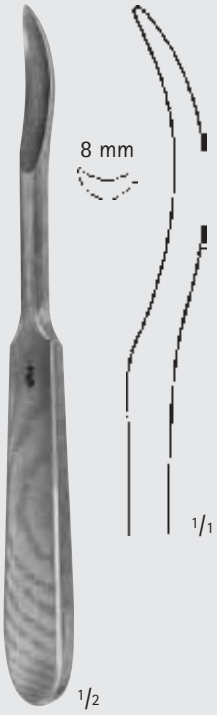
KIRSCHNER

BM925R

255 mm, 10"

BM938

240 mm, 9 1/2"



BM940

185 mm, 7 1/4"

BM941

265 mm, 10 1/2"

BM950R

Fadengabel

Knot tier and Ligature adjuster

230 mm, 9"

CASPAR

FF309

Fadengabel

Knot tier and Ligature adjuster

230 mm, 9"

1
2
3
4
5
6
7
8
INCHES

BN

Sonden, Watteträger, Wundklammern
Probes, Cotton Applicators, Suture Clips

Sonden – Probes

Sonden
Probes

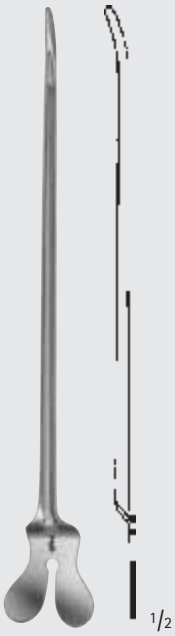
BN003R	130 mm, 5 1/8"
BN004R	145 mm, 5 3/4"
BN006R	160 mm, 6 1/4"

Hohlsonden
Directors

DOYEN

BN010R

Hohlsonde
Director
145 mm, 5 3/4"



NELATON

BN012R

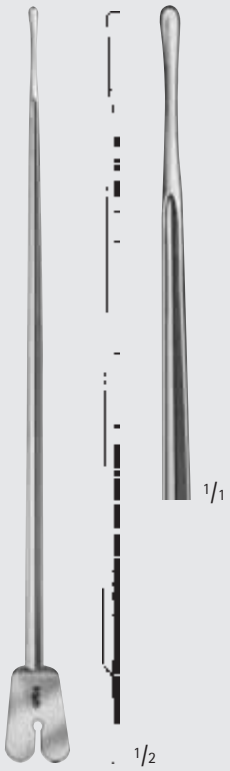
Hohlsonde
Director
160 mm, 6 1/4"

Knopf-Ø 3,3 mm
Diam. of tip 3.3 mm

BN015R

Hohlsonde mit Knopf
Director with tip
140 mm, 5 1/2"

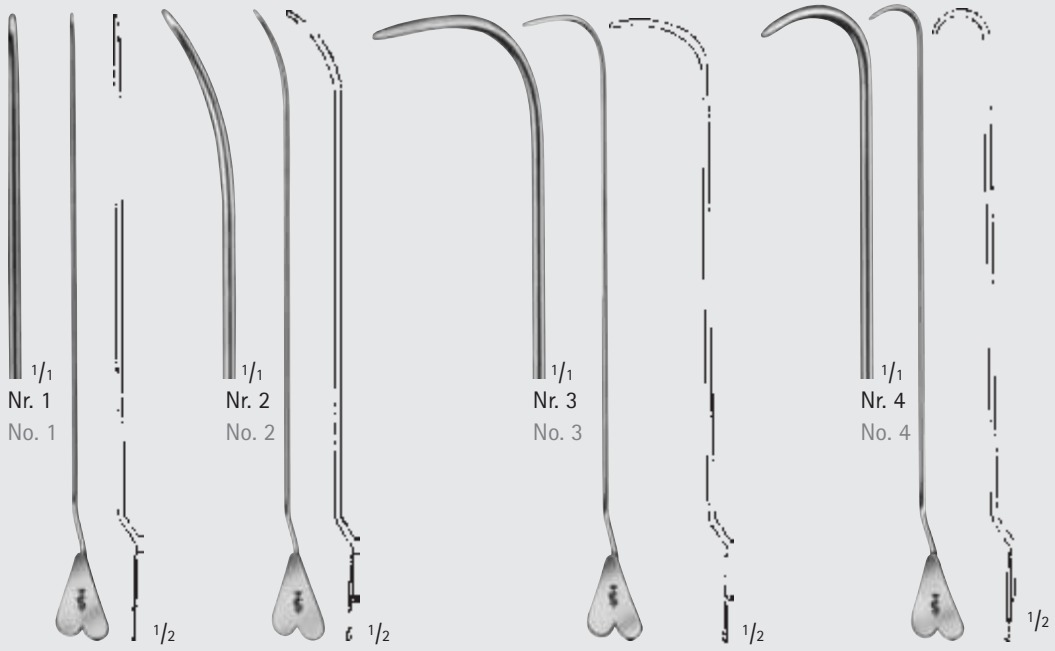
Knopf-Ø 3,5 mm
Diam. of tip 3.5 mm



BRODIE

BN020R

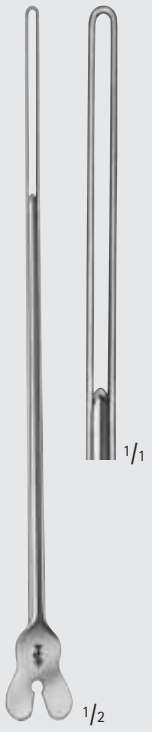
Hohlsonde mit Knopf
Director with tip
200 mm, 8"



LOCKHART-MUMMERY

BN021R	Nr. 1 gerade	No. 1 straight
BN022R	Nr. 2 45° gebogen	No. 2 45° curved
BN023R	Nr. 3 90° gebogen	No. 3 90° curved
BN024R	Nr. 4 retrograd gebogen	No. 4 retrograde curved

Fistelsonden
Fistula probes
165 mm, 6 1/2"



BN026R

Ösenrinnensonde, biegsam
Director with wire loop, malleable
190 mm, 7 1/2"

Sonden – Probes

Sonden
Probes

		Knopf-Ø Diam. of tip
BN034R	145 mm, 5 3/4"	2,5 mm
BN036R	160 mm, 6 1/4"	2,5 mm
BN040R	200 mm, 8"	3,0 mm

BN034R–BN040R

Öhrsonden
Probes with eye

MB603R

125 mm, 5"

Knopf-Ø 1,5 mm
Diam. of tip 1.5 mm

BN054R

Myrtenblattsonde
Myrtle leaf probe
145 mm, 5 3/4"

Knopf-Ø 2,0 mm
Diam. of tip 2.0 mm

BN063R	130 mm, 5 1/8"
BN064R	145 mm, 5 3/4"
BN066R	160 mm, 6 1/4"
BN068R	180 mm, 7"
BN070R	200 mm, 8"

Myrtenblattsonden
Myrtle leaf probes

Knopf-Ø Diam. of tip			Länge Length
1,0 mm	1,5 mm	2,0 mm	
	BN113R		130 mm, 5 1/8"
BN104R	**BN114R**	**BN134R**	145 mm, 5 3/4"
	BN116R	**BN136R**	160 mm, 6 1/4"
	BN118R	**BN138R**	180 mm, 7"
	BN120R	**BN140R**	200 mm, 8"
	BN125R		250 mm, 10"
		BN150R	300 mm, 12"

BN104R–BN150R
Knopfsonden
Probes

Knopf-Ø 1,2 mm
Diam. of tip 1.2 mm

BN110
Sinus-Knopfsonde
Sinus probe
150 mm, 6"

Knopf-Ø 3,0 mm
Diam. of tip 3.0 mm

BN090R
Doppelknopfsonde, biegsam, mit Loch
Double ended probe, malleable, with hole
190 mm, 7 1/2"

Sonden – Probes

Sonden
Probes

Knopf-Ø 3,5 mm
Diam. of tip 3.5 mm

BN095	250 mm, 10"
BN096	300 mm, 12"

Doppelknopfsonden,
Zinn, biegsam
Double ended probes,
tin, malleable

Knopf-Ø 4,0 mm
Diam. of tip 4.0 mm

BN099

Doppelknopfsonde,
Zinn, biegsam
Double ended probe,
tin, malleable
400 mm, 16"

Knopf-Ø 2,0 mm
Diam. of tip 2.0 mm

BN101R

Knopfsonde
Probe
300 mm, 12"

Ø 0,8 mm
Diam. 0.8 mm

1/2

STACKE

BN160

Silber
silver
100 mm, 4"

1/2

CAWTHORNE

BN161

flaches Ende
Silber
flattened end
silver
140 mm, 5 1/2"

Ø 1,5 mm
Diam. 1.5 mm

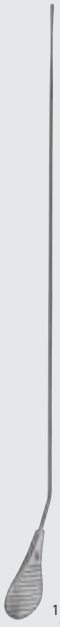
1/2

KILLIAN

BN172R

165 mm, 6 1/2"

Ø 1,4 mm
Diam. 1.4 mm

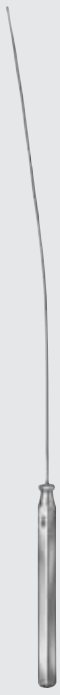


1/2

BN170R

160 mm, 6 1/4"

Ø 1,0 mm
Diam. 1.0 mm



1/2

SEIFFERT

OM488

Silber
silver
195 mm, 7 3/4"

1/2

BOWMAN

OB510–OB514

Neusilber
German silver
130 mm, 5 1/8"

	Ø Diam.	
OB510	0,7 + 0,8 mm	Fig. 00/0
OB511	0,9 + 1,1 mm	Fig. 1/2
OB512	1,3 + 1,4 mm	Fig. 3/4
OB513	1,5 + 1,6 mm	Fig. 5/6
OB514	1,8 + 1,9 mm	Fig. 7/8

Sonden – Probes
Spatel - Watteträger
Spatulas - Cotton Applicators

BN184R
Spatel
Spatula
145 mm, 5 3/4"

OM202R
Spatel
Spatula
145 mm, 5 3/4"

Ø 0,7 mm
Diam. 0.7 mm

MODELL PICCOLO

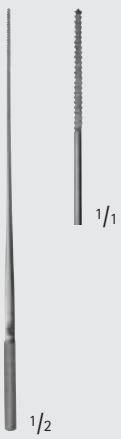
OF261R
rund gerieft
round serrated end
110 mm, 4 1/2"

Ø 0,7 mm
Diam. 0.7 mm

MODELL PICCOLO

OF262R
dreikant gerieft
triangular serrated end
110 mm, 4 1/2"

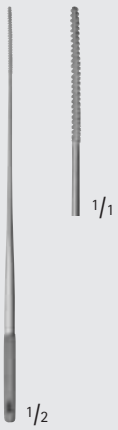
Ø 1,2 mm
Diam. 1.2 mm



FARRELL

OF257R
rund gerieft
round serrated end
110 mm, 4 1/2"

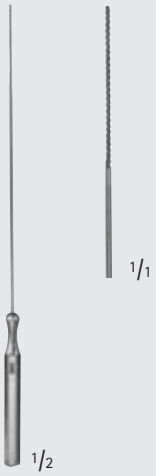
Ø 1,4 mm
Diam. 1.4 mm



LATHBURY-FARRELL

OF259R
dreikant gerieft
triangular serrated end
110 mm, 4 1/2"

Ø 0,9 mm
Diam. 0.9 mm

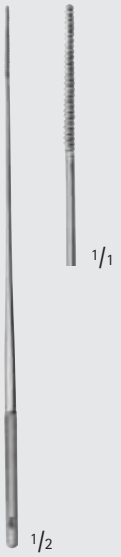


BUCK

BN400R

spiralförmig gerieft
rough, spiral end
120 mm, 4 3/4"

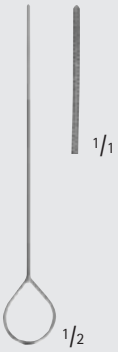
Ø 0,9 mm
Diam. 0.9 mm



LATHBURY-FARRELL

BN467R

dreikant gerieft
triangular serrated end
140 mm, 5 1/2"



KINGS'S COLLEGE HOSPITAL

BN403

spiralförmig gerieft
rough, spiral end
90 mm, 3 3/8"

KINGS'S COLLEGE HOSPITAL

BN404

spiralförmig gerieft
rough, spiral end
135 mm, 5 1/8"

Ø 1,0 mm
Diam. 1.0 mm

BN440R

spiralförmig gerieft
rough, spiral end
140 mm, 5 1/2"

Ø 1,2 mm
Diam. 1.2 mm

BN445R

spiralförmig gerieft
rough, spiral end
140 mm, 5 1/2"

Sonden – Probes
Watteträger
Cotton Applicators

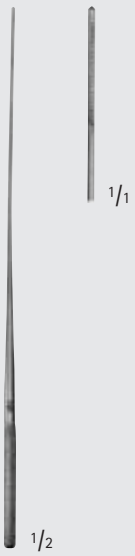
Ø 1,2 mm
Diam. 1.2 mm

FARRELL

BN460R

rund gerieft
round serrated end
140 mm, 5 1/2"

Ø 1,4 mm
Diam. 1.4 mm



LATHBURY-FARRELL

BN465R

dreikant gerieft
triangular serrated end
140 mm, 5 1/2"

Ø 1,2 mm
Diam. 1.2 mm

FARRELL

BN461R

spiralförmig gerieft
rough, spiral end
160 mm, 6 1/4"

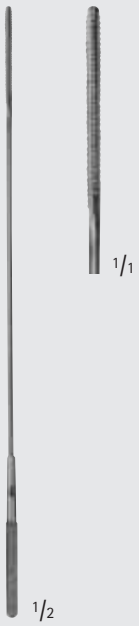
Ø 1,2 mm
Diam. 1.2 mm

LATHBURY-FARRELL

BN466R

dreikant gerieft
triangular serrated end
160 mm, 6 1/4"

Ø 1,4 mm
Diam. 1.4 mm

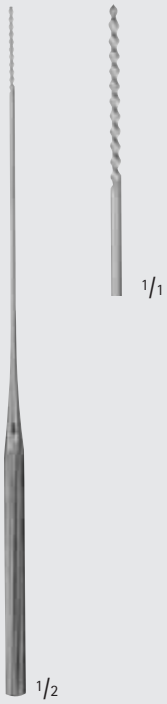


LATHBURY-FARRELL

BN468R

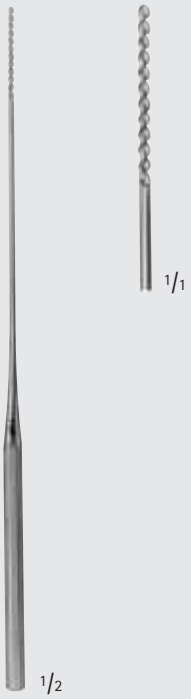
dreikant gerieft
triangular serrated end
160 mm, 6 1/4"

Ø 1,5 mm
Diam. 1.5 mm



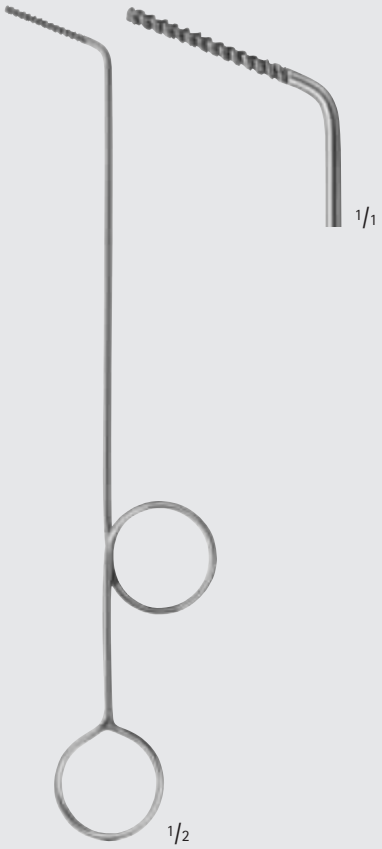
BN452R
spiralförmig gerieft
rough, spiral end
180 mm, 7"

Ø 1,8 mm
Diam. 1.8 mm



BN457R
spiralförmig gerieft
rough, spiral end
180 mm, 7"

Ø 2,3 mm
Diam. 2.3 mm

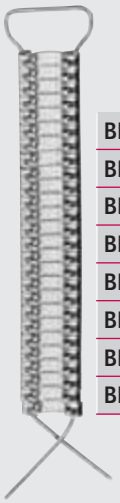


HARTMANN
OM487R
spiralförmig gerieft
rough, spiral end
220 mm, 8 1/2"

Sonden – Probes

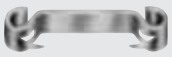
Wundklammern - Klammeranlegepinzetten - Klammeranlege- und Entfernungszangen

Suture Clips - Clip Applying Forceps - Clip Applying- and Removing Forceps



	Größe mm Sizes mm
BN507R	7,5 x 1,75
BN511R	11,0 x 2,0
BN512R	12,0 x 2,5
BN515R	14,0 x 3,0
BN516R	16,0 x 3,0
BN518R	18,0 x 3,0
BN520R	20,0 x 3,0
BN522R	22,0 x 3,0

1/1


1/1

MICHEL

BN507R–BN522R

Wundklammern aus nichtrostendem Stahl
Bestelleinheit: **PAK** = 1 Packung à 100 Stück

Suture clips, stainless steel
Sales unit: **PAK** = 1 Package of 100 pieces

1/2

MICHEL

BN730R

Klammeranlegepinzette
Clip applying forceps
125 mm, 5"

1/2

HEGENBARTH

BN731R

Klammeranlegepinzette
Clip applying forceps
120 mm, 4 3/4"

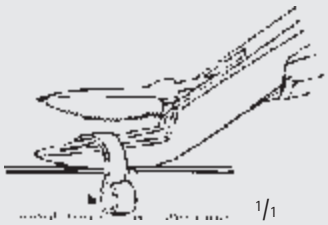
1/2

MICHEL

BN750R

Klammeranlege und -Abnehmezange
Clip applying and removing forceps
125 mm, 5"

1/2


1/1

MICHEL MODIF.

BN754R

Klammeranlege und -Abnehmezange
Clip applying and removing forceps
130 mm, 5 1/8"

1/2

HEATH

BN757R

Klammerabnehmezange
Clip removing forceps
135 mm, 5 1/4"

1/2

COLLIN

BN758R

Klammerabnehmezange
Clip removing forceps
135 mm, 5 1/4"

Charr.				
8	**BN902R**	**BN912R**	**BN922R**	**BN942R**
10	**BN903R**	**BN913R**	**BN923R**	**BN943R**
12	**BN904R**	**BN914R**	**BN924R**	**BN944R**
14	**BN905R**	**BN915R**	**BN925R**	**BN945R**
16	**BN906R**	**BN916R**	**BN926R**	**BN946R**
18	**BN907R**	**BN917R**		**BN947R**
	mit Gewindeanschluss Messerspitze, schwach gebogen with thread knife tip, slightly curved 190 mm, 7 1/2"	mit Gewindeanschluss Messerspitze, stark gebogen with thread knife tip, strongly curved 190 mm, 7 1/2"	mit Gewindeanschluss Lanzettenspitze, schwach gebogen with thread lancet tip, slightly curved 190 mm, 7 1/2"	mit Gewindeanschluss Dreikantspitze, schwach gebogen with thread trocar tip, slightly curved 190 mm, 7 1/2"

INCHES
1
2
3
4
5
6
7
8

BT

Wundhaken
Wound Retractors

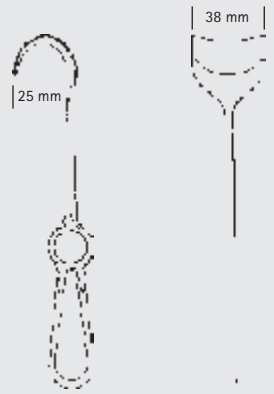
Wundhaken – Wound Retractors

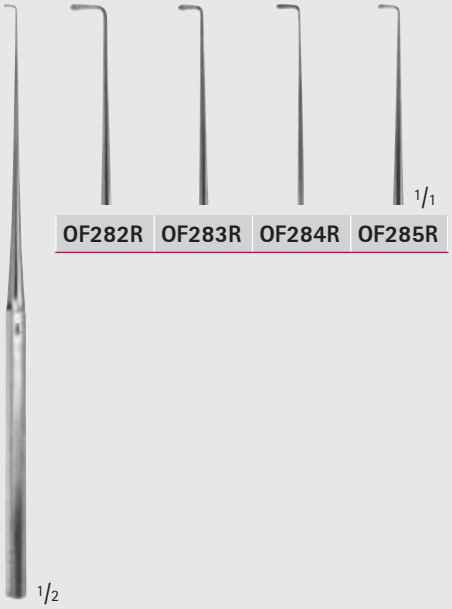
Nerv- und Gefäßhäkchen

Nerve- and Vessel Hooks

Maßangaben für Blattgrößen der Wundhaken
1. Zahl = Tiefe Beispiel: 25 x 38 mm
2. Zahl = Breite

Dimensions for blade size of retractors
1st number = depth Example: 25 x 38 mm
2nd number = width



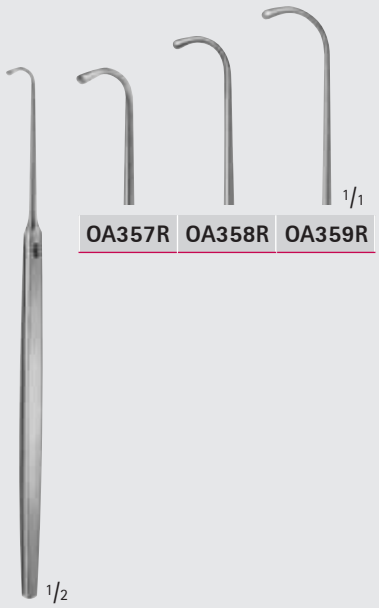


OF282R **OF283R** **OF284R** **OF285R**

WAGENER

OF282R-OF285R

150 mm, 6"



OA357R **OA358R** **OA359R**

GRAEFE

OA357R-OA359R

140 mm, 5 1/2"

ST. BARTS

OF288R

Ohrhäkchen, stumpf
Hook, blunt
180 mm, 7"

BROM

BT075R

Venenhäkchen

Vein hook

170 mm, 6 3/4"

CRILE

BT080R

200 mm, 8"

BT082R **BT083R**

CUSHING

BT082R-BT083R

190 mm, 7 1/2"

Wundhaken – Wound Retractors

Nerv- und Gefäßhäkchen
Nerve- and Vessel Hooks

Maßangaben für Blattgrößen der Wundhaken
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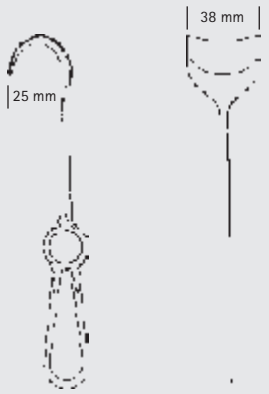
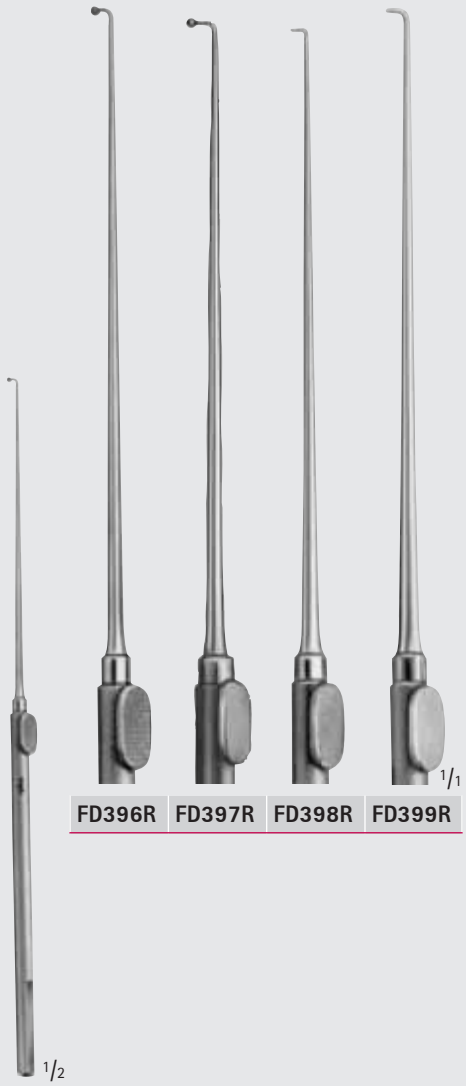


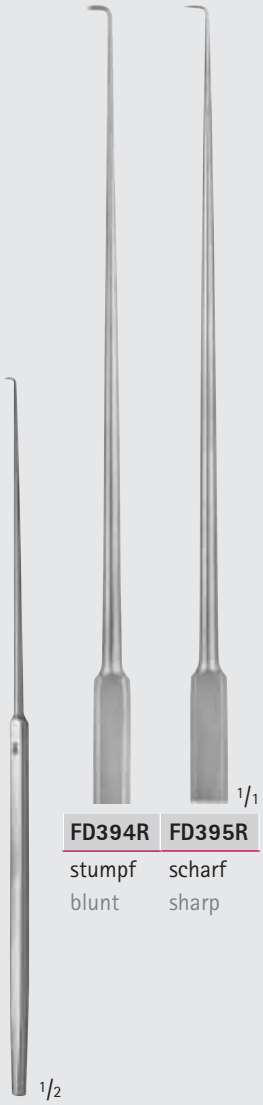


FD396R	FD397R	FD398R	FD399R

KRAYENBÜHL

FD396R–FD399R

185 mm, 7 1/4"

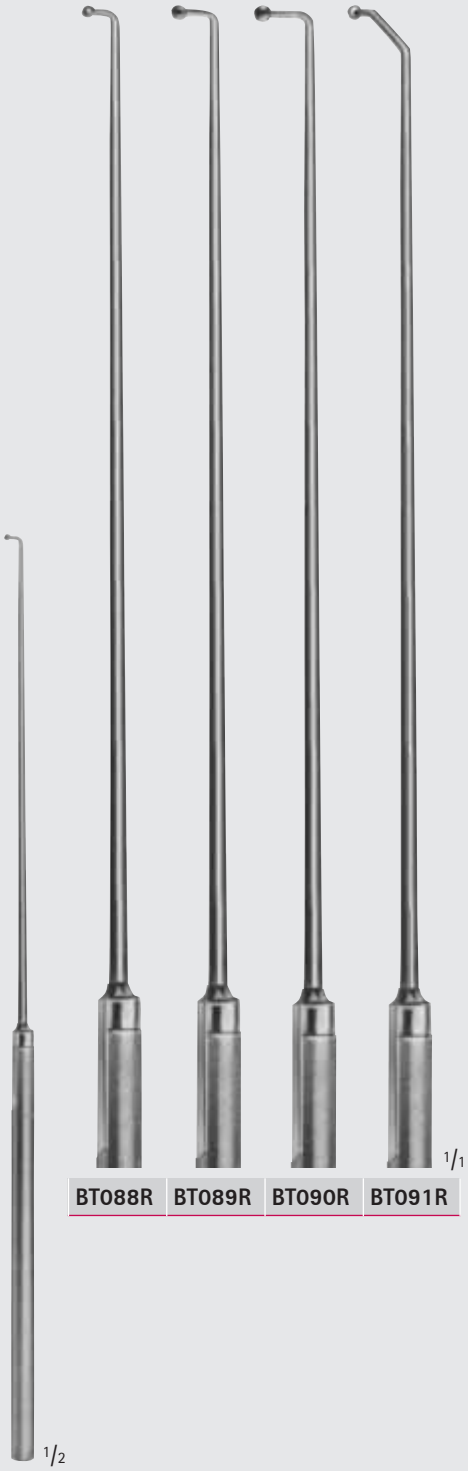


FD394R	FD395R
stumpf	scharf
blunt	sharp

ADSON

FD394R–FD395R

190 mm, 7 1/2"



1/1

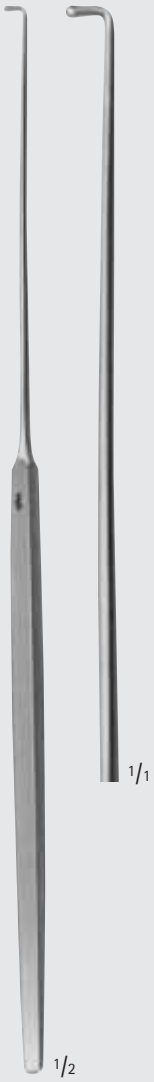
BT088R | BT089R | BT090R | BT091R

1/2

CASPAR

BT088R–BT091R

Explorationshäkchen, geknöpft
Exploration hooks, probe-ended
245 mm, 9 3/4"



1/1

1/2

CUSHING

BT084R

280 mm, 11"

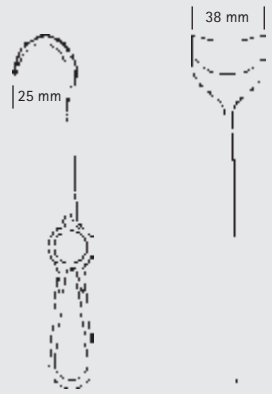
Wundhaken – Wound Retractors

Feine Wundhäkchen (Dura- und Hauthäkchen)

Fine Wound Retractors (Dura- and Skin Retractors)

Maßangaben für Blattgrößen der Wundhaken
1. Zahl = Tiefe Beispiel: 25 x 38 mm
2. Zahl = Breite

Dimensions for blade size of retractors
1st number = depth Example: 25 x 38 mm
2nd number = width



1/1

OA332R
spitz
sharp

OA333R
stumpf
blunt

GRAEFE

OA332R-OA333R
125 mm, 5"

1/2

1/1 1/1

OA334R
1,2 x 2,0 mm
125 mm
5"

OA335R
1,7 x 3,0 mm
130 mm
5 1/8"

GUTHRIE

OA334R-OA335R
spitz
sharp

1/1 1/1 1/1

OA336R
spitz
sharp
2,2 x 4,5 mm
130 mm
5 1/8"

OA337R
spitz
sharp
2,5 x 7,0 mm
135 mm
5 1/4"

OA338R
stumpf
blunt
2,2 x 7,0 mm
135 mm
5 1/4"

ROLLET

OA336R-OA338R

1/1

1/2

CAIRNS

FF313R
Durahäkchen
Dura retractor
130 mm, 5 1/8"

1/1

1/2

FRAZIER

FF321R
Durahäkchen
Dura retractor
130 mm, 5 1/8"

1/1

1/2

TÖNNIS

FF322R
Durahäkchen
Dura retractor
150 mm, 6"

KILNER

OL610R

160 mm, 6 1/4"

OL615R **OL616R**

MC INDOE

OL615R-OL616R

150 mm, 6"

FREER

OL621R

150 mm, 6"

MÜLLER

OL626R

150 mm, 6"

MÜLLER

OL627R

150 mm, 6"

COTTLE

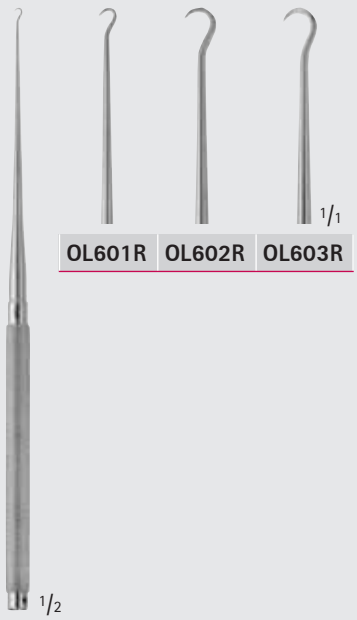
OL617R

160 mm, 6 1/4"

COTTLE

OL619R

160 mm, 6 1/4"



KLEINERT-KUTZ

OL601R-OL603R

160 mm, 6 3/8"

Wundhaken – Wound Retractors

Feine Wundhäkchen (Dura- und Hauthäkchen)

Fine Wound Retractors (Dura- and Skin Retractors)

Maßangaben für Blattgrößen der Wundhaken
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Dimensions for blade size of retractors
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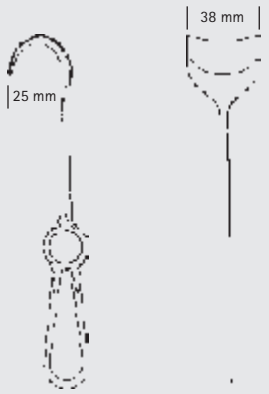
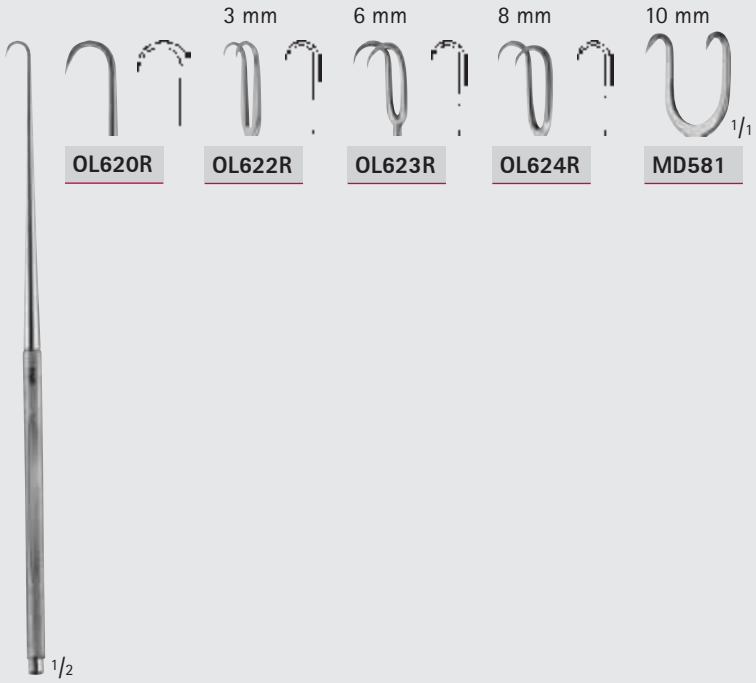
2nd number = width



JÄGER

OA351R

135 mm, 5 1/4"



OL620R **OL622R** **OL623R** **OL624R** **MD581**

JOSEPH

OL620R-MD581R

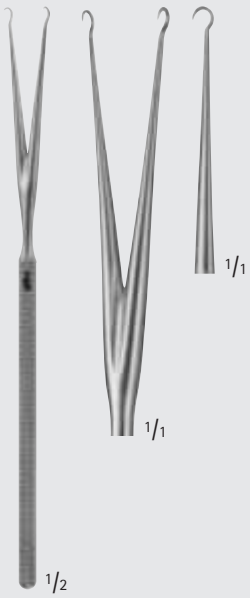
165 mm, 6 1/2"

OL611R **OL612R**

GILLIES

OL611R-OL612R

180 mm, 7"



BARSKY

OL614R

155 mm, 6"

FD375R

Durahäkchen

Dura retractor

185 mm, 7 1/4"

FISCH

FD376R

Durahäkchen

Dura retractor

185 mm, 7 1/4"

3 x 11 mm

KILNER

OL206R

spitz

sharp

80 mm, 3 1/4"

7 x 12 mm

8 x 12 mm

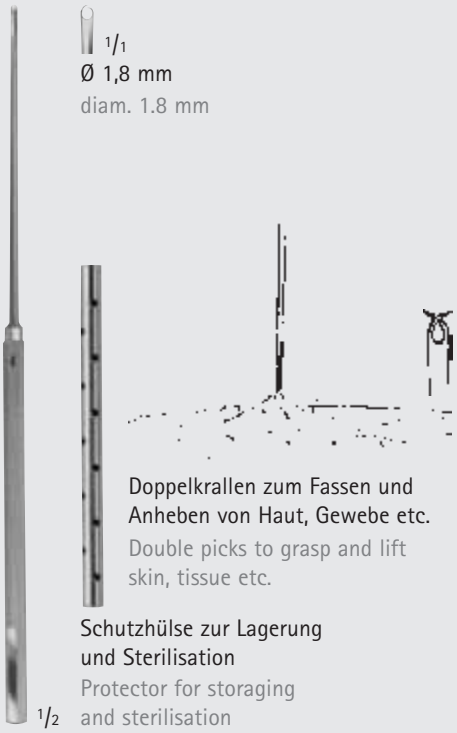
CONVERSE

OL207R

stumpf

blunt

120 mm, 4 3/4"



Ø 1,8 mm

diam. 1.8 mm

Doppelkrallen zum Fassen und Anheben von Haut, Gewebe etc.

Double picks to grasp and lift skin, tissue etc.

Schutzhülse zur Lagerung und Sterilisation

Protector for storaging and sterilisation

FD392R

Gewebekralle

Tissue pick

185 mm, 7 1/4"

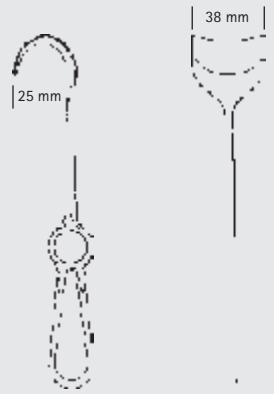
Wundhaken – Wound Retractors

Wund- und Trachealhäkchen

Wound- and Trachea Retractors

Maßangaben für Blattgrößen der Wundhaken
1. Zahl = Tiefe Beispiel: 25 x 38 mm
2. Zahl = Breite

Dimensions for blade size of retractors
1st number = depth Example: 25 x 38 mm
2nd number = width



7 mm

BERGMANN

BT100R

140 mm, 5 1/2"

BOSE

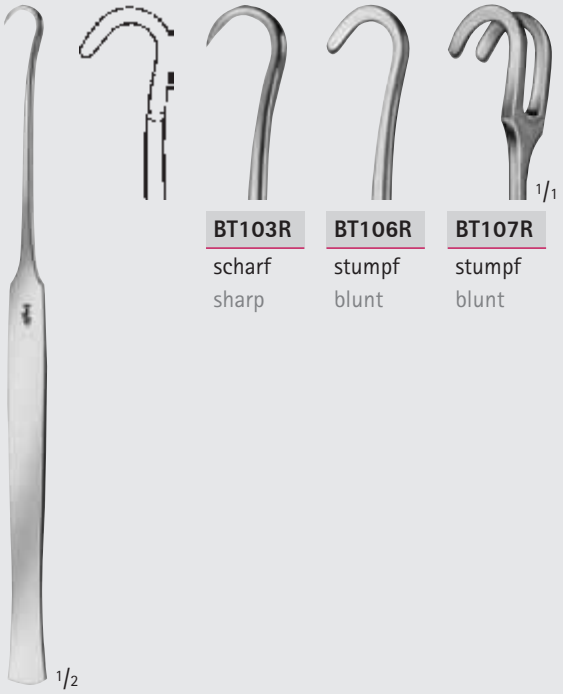
FA025R

165 mm, 6 1/2"

BOSE

FA026R

165 mm, 6 1/2"



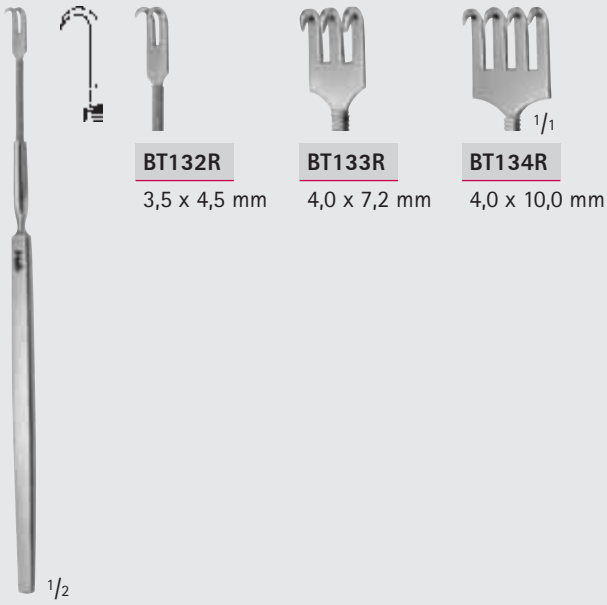
BT103R scharf sharp

BT106R stumpf blunt

BT107R stumpf blunt

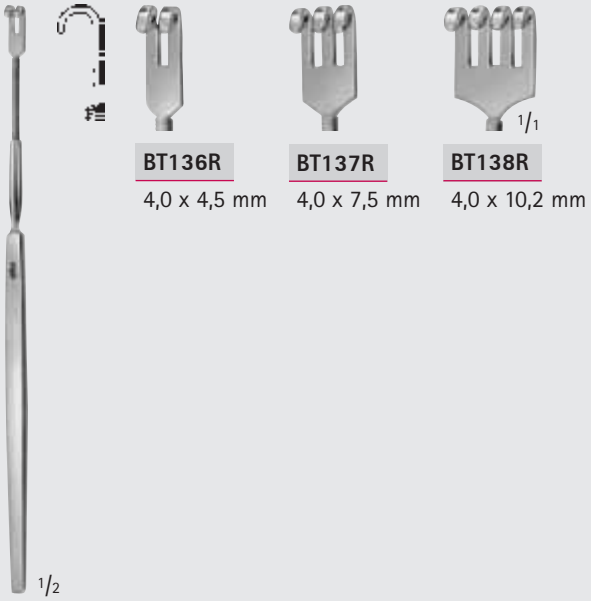
BT103R-BT107R

180 mm, 7"



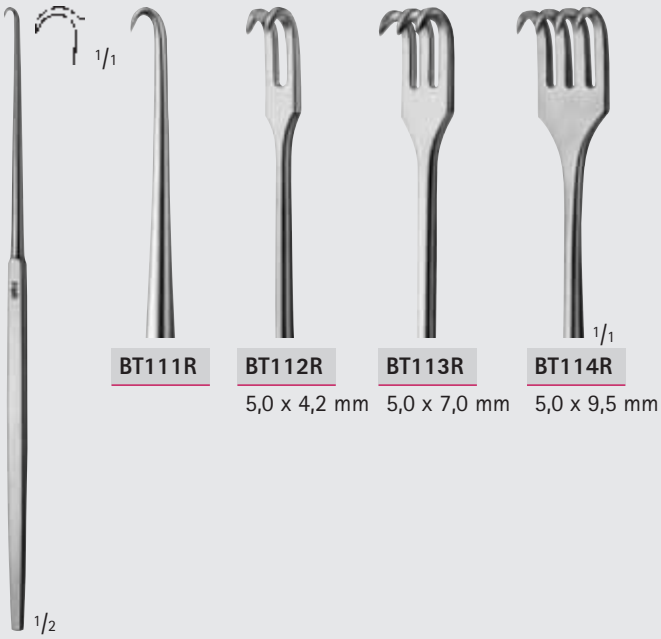
BT132R 3,5 x 4,5 mm
BT133R 4,0 x 7,2 mm
BT134R 4,0 x 10,0 mm

BT132R–BT134R
flexibler Schaft, scharf
flexible shaft, sharp
155 mm, 6"



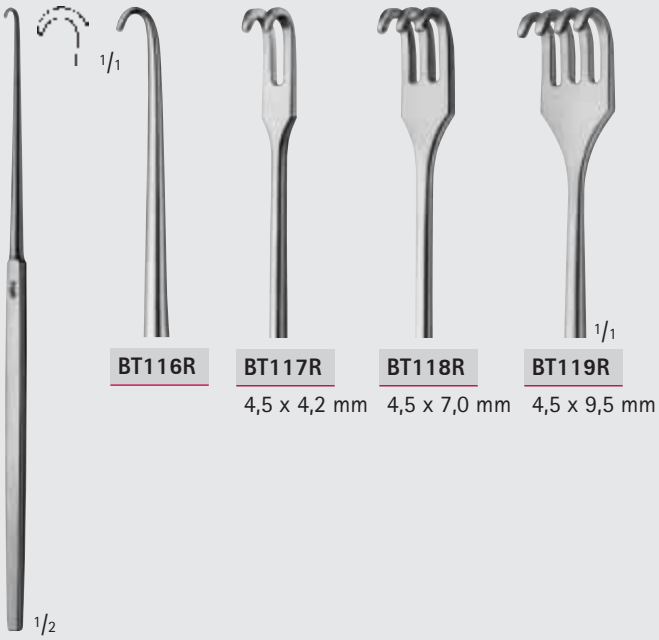
BT136R 4,0 x 4,5 mm
BT137R 4,0 x 7,5 mm
BT138R 4,0 x 10,2 mm

BT136R–BT138R
flexibler Schaft, stumpf
flexible shaft, blunt
155 mm, 6"



BT111R
BT112R 5,0 x 4,2 mm
BT113R 5,0 x 7,0 mm
BT114R 5,0 x 9,5 mm

BT111R–BT114R
enge Biegung, scharf
small curve, sharp
165 mm, 6 1/2"



BT116R
BT117R 4,5 x 4,2 mm
BT118R 4,5 x 7,0 mm
BT119R 4,5 x 9,5 mm

BT116R–BT119R
enge Biegung, stumpf
small curve, blunt
165 mm, 6 1/2"

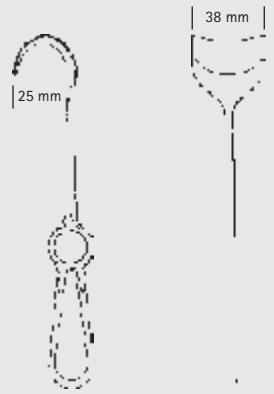
Wundhaken – Wound Retractors

Wund- und Trachealhäkchen

Wound- and Trachea Retractors

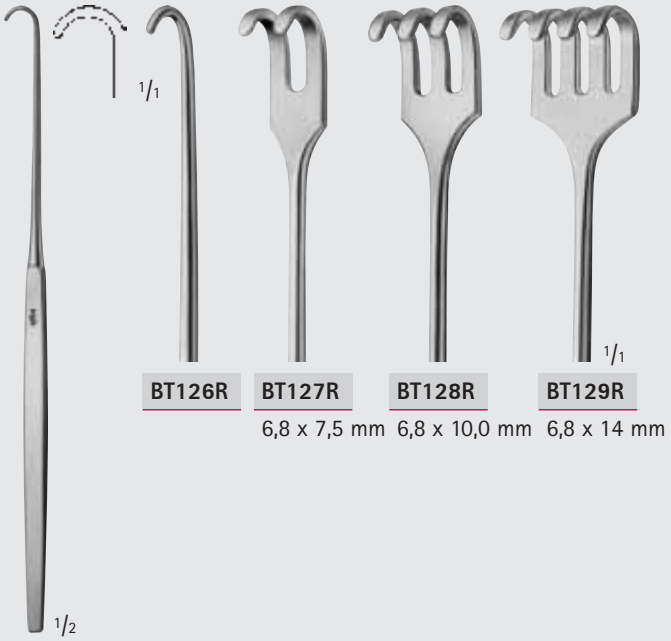
Maßangaben für Blattgrößen der Wundhaken
1. Zahl = Tiefe Beispiel: 25 x 38 mm
2. Zahl = Breite

Dimensions for blade size of retractors
1st number = depth Example: 25 x 38 mm
2nd number = width



BT121R	BT122R	BT123R	BT124R
	7,5 x 7,5 mm	7,5 x 10,0 mm	7,5 x 14 mm

BT121R–BT124R
weite Biegung, scharf
large curve, sharp
165 mm, 6 1/2"



BT126R	BT127R	BT128R	BT129R
	6,8 x 7,5 mm	6,8 x 10,0 mm	6,8 x 14 mm

BT126R–BT129R
weite Biegung, stumpf
large curve, blunt
165 mm, 6 1/2"

MANNERFELT MODIF.

BT901R

scharf
sharp
135 mm, 5 1/4"

MANNERFELT MODIF.

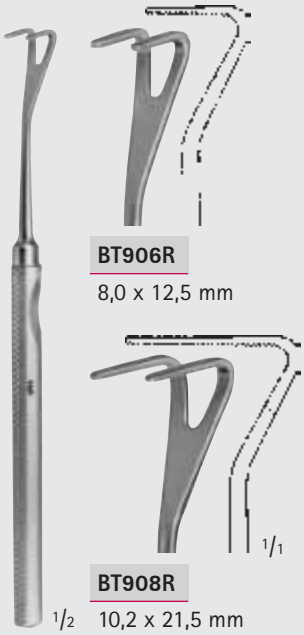
BT902R

scharf
sharp
155 mm, 6"

MANNERFELT MODIF.

BT904R

scharf
sharp
155 mm, 6"



MANNERFELT MODIF.

BT906R–BT908R

Gabelhaken, retrograd gebogen
Forked hooks, retrograded curved
155 mm, 6"

MANNERFELT MODIF.

BT911R–BT913R

enge Biegung, scharf
small curve, sharp
155 mm, 6"

MANNERFELT MODIF.

BT916R–BT918R

enge Biegung, stumpf
small curve, blunt
155 mm, 6"

MANNERFELT MODIF.

BT921R–BT923R

weite Biegung, scharf
large curve, sharp
155 mm, 6"

MANNERFELT MODIF.

BT926R–BT928R

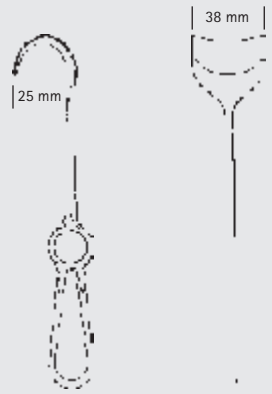
weite Biegung, stumpf
large curve, blunt
155 mm, 6"

Wundhaken – Wound Retractors

Wundhaken mit Treangle Griff
Retractors with Treangle Handle

Maßangaben für Blattgrößen der Wundhaken
1. Zahl = Tiefe Beispiel: 25 x 38 mm
2. Zahl = Breite

Dimensions for blade size of retractors
1st number = depth Example: 25 x 38 mm
2nd number = width



MANNERFELT MODIF.

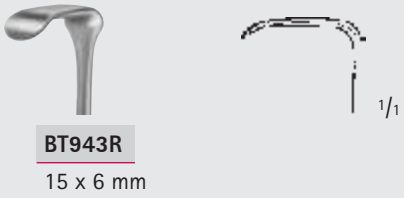
BT933R

flexibler Schaft,
enge Biegung, scharf
flexible shaft,
small curve, sharp
155 mm, 6"

MANNERFELT MODIF.

BT940R

hohlgekehlt
hollow grooved
155 mm, 6"



BT943R
15 x 6 mm

BT944R
20 x 6 mm

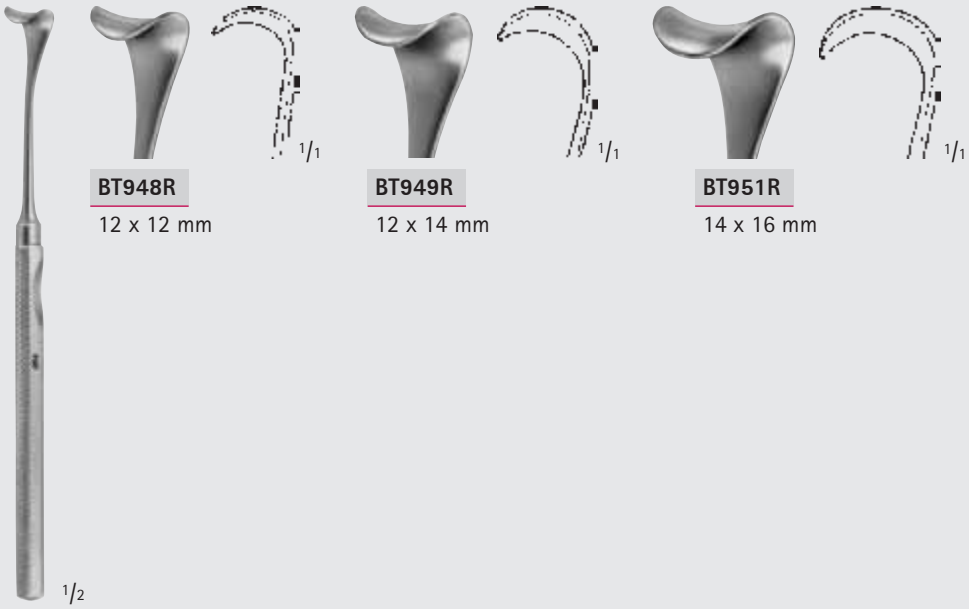
BT945R
25 x 6 mm

BT946R
30 x 8 mm

LANGENBECK-MANNERFELT MODIF.

BT943R–BT946R

155 mm, 6"



BT948R
12 x 12 mm

BT949R
12 x 14 mm

BT951R
14 x 16 mm

MANNERFELT MODIF.

BT948R–BT951R

Sattelhaken
Saddle hooks
155 mm, 6"

12 x 12 mm

MANNERFELT MODIF.

BT958R

Sattelhaken, gefenstert
Saddle hook, fenestrated
155 mm, 6"

MANNERFELT MODIF.

BT964R

Sehnen-Doppelhaken
Tendon double hook
160 mm, 6 1/4"

MANNERFELT MODIF.

BT966R

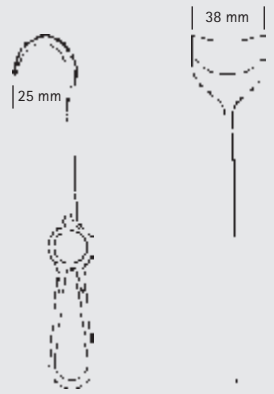
Doppelspatel
Spatula, double-ended
160 mm, 6 1/4"

Wundhaken – Wound Retractors

Wundhaken
Retractors

Maßangaben für Blattgrößen der Wundhaken
1. Zahl = Tiefe Beispiel: 25 x 38 mm
2. Zahl = Breite

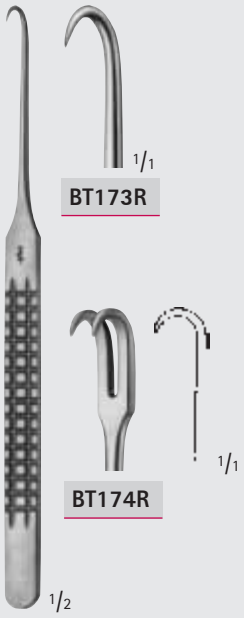
Dimensions for blade size of retractors
1st number = depth Example: 25 x 38 mm
2nd number = width



FOMON

OL202R

145 mm, 5 3/4"



BT173R

BT174R

BT173R–BT174R

160 mm, 6 1/4"

BT177R

16 x 6 mm

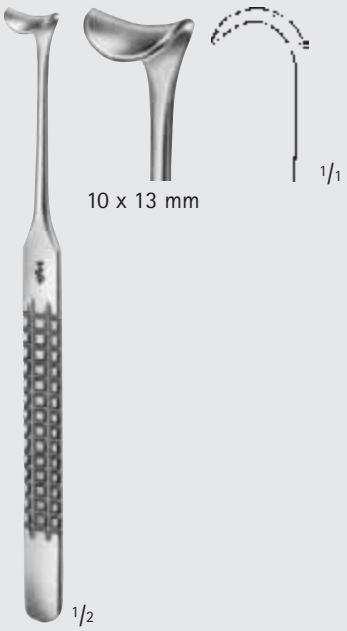
BT178R

24 x 6 mm

LANGENBECK-GREEN

BT177R–BT178R

160 mm, 6 1/4"



BT179R

160 mm, 6 1/4"

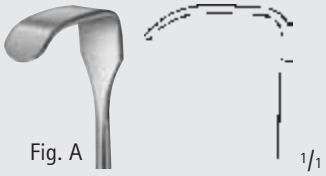


Fig. A 1/1

BT193R
18 x 7 mm

Fig. B 1/1

BT194R
16 x 5 mm

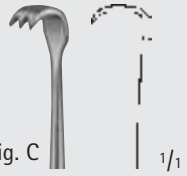


Fig. C 1/1

BT195R
7 x 4 mm

1/2

Fig. D 1/1

BT196R
5 x 10 mm

Fig. E 1/1

BT197R
11 x 4 mm

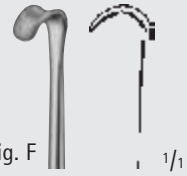


Fig. F 1/1

BT198R
6 x 4 mm

MEYERDING

BT193R–BT198R

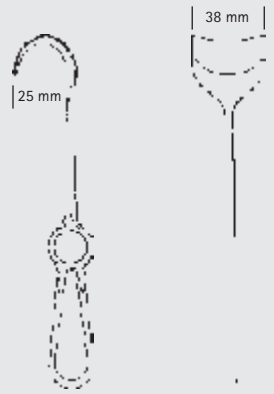
Fig. A - Fig. F
180 mm, 7"

Wundhaken – Wound Retractors

Wundhaken
Retractors

Maßangaben für Blattgrößen der Wundhaken
1. Zahl = Tiefe Beispiel: 25 x 38 mm
2. Zahl = Breite

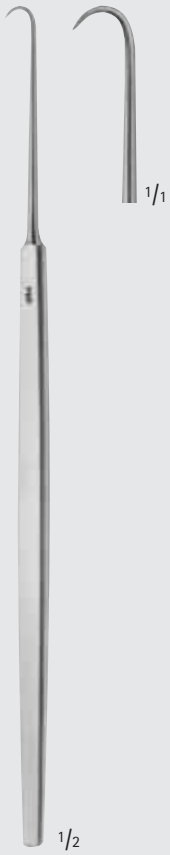
Dimensions for blade size of retractors
1st number = depth Example: 25 x 38 mm
2nd number = width



EMMET

BT161R

Fistelhaken
Fistula hook
220 mm, 8 3/4"



SIMON

BT166R

Fistelhaken
Fistula hook

SIMON

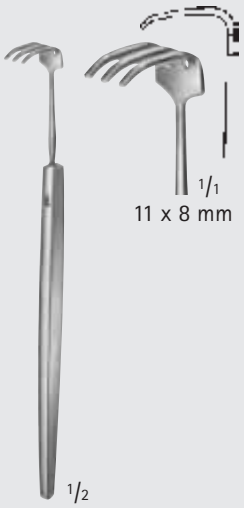
BT167R

Fistelhaken
Fistula hook
220 mm, 8 3/4"

LANGE

OL201R

Fistelhaken
Fistula hook
235 mm, 9"



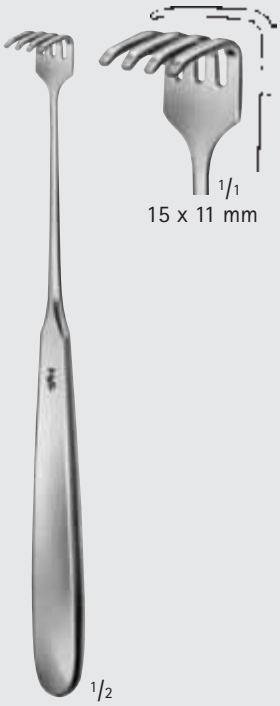
PAUL

OA340R

Sehnenscheidenhaken
Tendon hook
120 mm, 4 3/4"

BT170R–BT171R

Sehnenscheidenhaken
Tendon hooks
175 mm, 7"



KLAPP

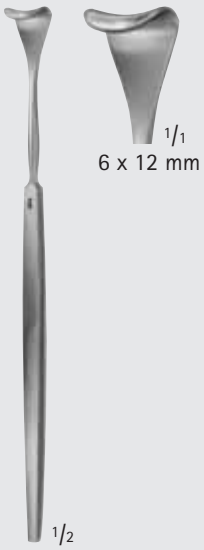
BT172R

Sehnenscheidenhaken
Tendon hook
175 mm, 7"

STRANDELL-STILLE

BT180R–BT181R

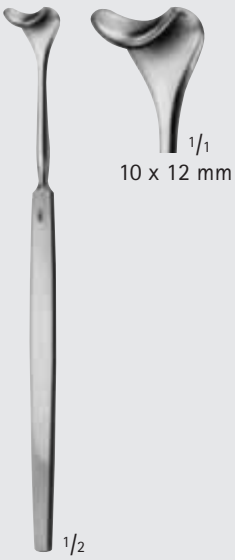
Sehnenscheidenhaken
Tendon hooks
180 mm, 7"



MASING

OL211R

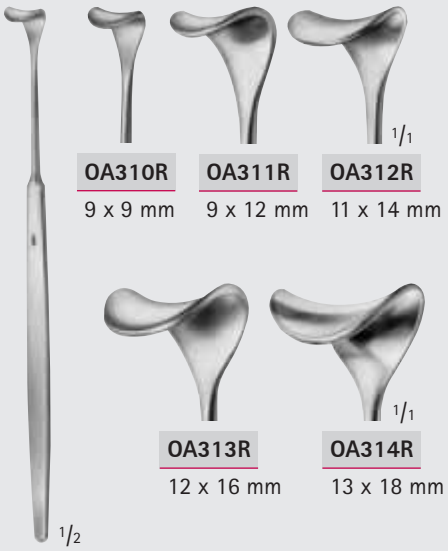
140 mm, 5 1/2"



COTTLE

OL212R

140 mm, 5 1/2"



DESMARRES

OA310R–OA314R

140 mm, 5 1/2"

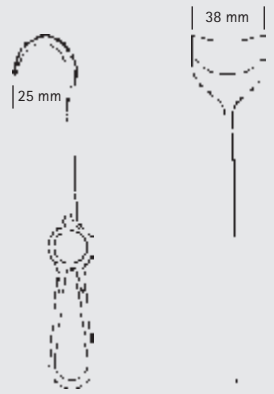
Wundhaken – Wound Retractors

Wund- und Venenhaken

Wound- and Vein Retractors

Maßangaben für Blattgrößen der Wundhaken
1. Zahl = Tiefe Beispiel: 25 x 38 mm
2. Zahl = Breite

Dimensions for blade size of retractors
1st number = depth Example: 25 x 38 mm
2nd number = width



BT182R
13 x 13 mm

BT183R
12 x 16 mm

KÖNIG

BT182R-BT183R

180 mm, 7"

10 x 10 mm

CUSHING-KOCHER

BT190R

175 mm, 7"

BT457R
20 x 12 mm

BT458R
20 x 15 mm

KOCHER

BT457R-BT458R

205 mm, 8"

13 x 6 mm

SCHOENBORN

BT192R

200 mm, 8"

BT184R

10 x 13 mm

BT185R

14 x 18 mm

CUSHING

BT184R-BT185R

205 mm, 8"

BT187R

205 mm, 8"

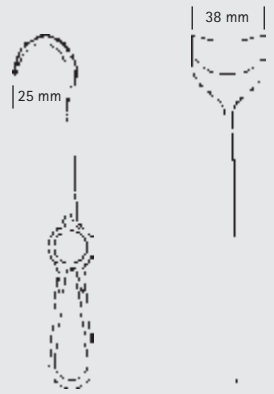
Wundhaken – Wound Retractors

Wund- und Venenhaken

Wound- and Vein Retractors

Maßangaben für Blattgrößen der Wundhaken
1. Zahl = Tiefe Beispiel: 25 x 38 mm
2. Zahl = Breite

Dimensions for blade size of retractors
1st number = depth Example: 25 x 38 mm
2nd number = width



BT200R
11 x 14 mm

BT201R
13 x 18 mm

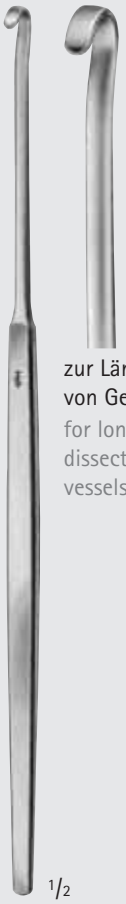
BT202R
15 x 22 mm

1/1

1/2

CUSHING

BT200R–BT202R
250 mm, 10"



1/1

zur Längspräparation von Gefäßen
for longitudinal dissection of vessels

1/2

BT206R
Präparationshäkchen
Small dissecting hook
235 mm, 9 1/4"

FF707R
3 mm

FF708R
5 mm

FF709R
7 mm

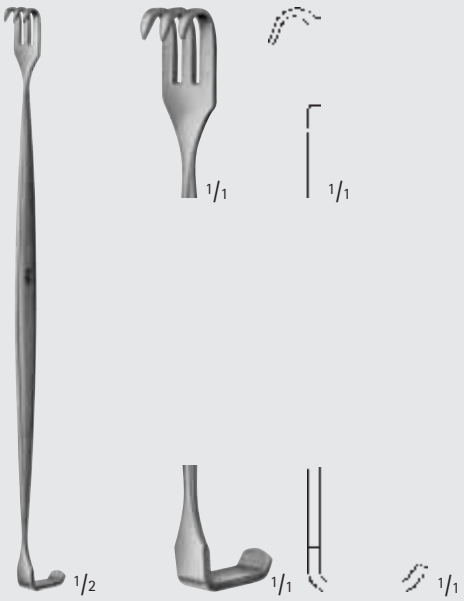
1/1

1/2

HESS

FF707R–FF709R
Nervwurzelhaken
Nerve root retractors
175 mm, 7"

5 x 10 mm

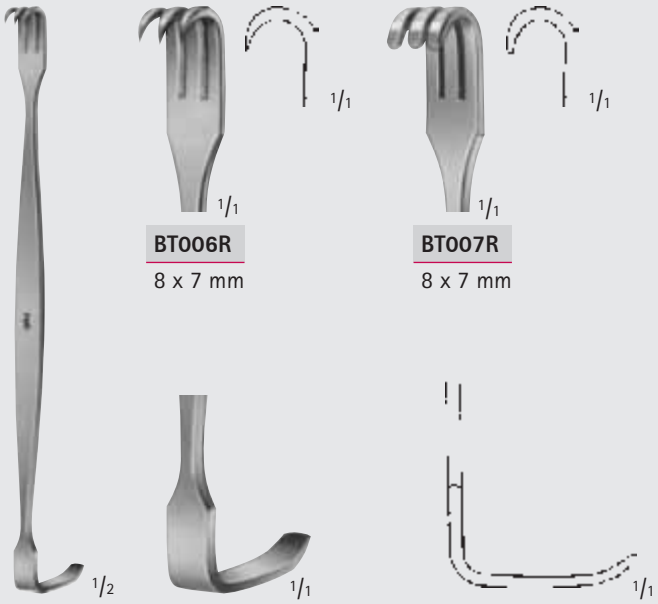


13 x 5 mm

KILNER

BT005R

155 mm, 6"



BT006R

8 x 7 mm

BT007R

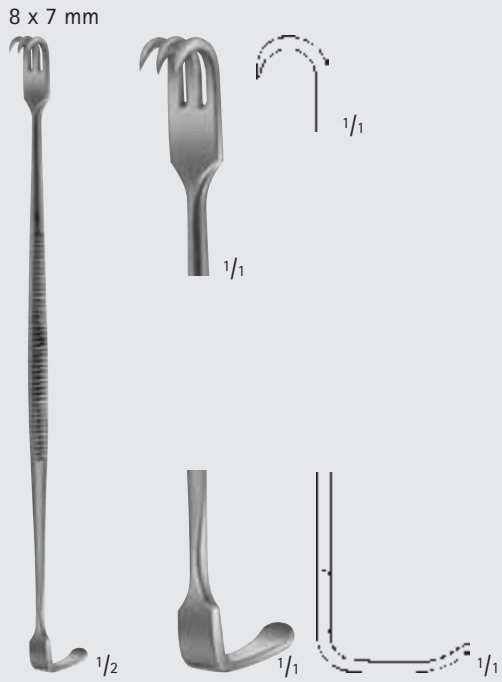
8 x 7 mm

22 x 7 mm

BABY-SENN-MILLER

BT006R–BT007R

155 mm, 6"



8 x 7 mm

18 x 5,5 mm

SENN-MILLER

BT008R

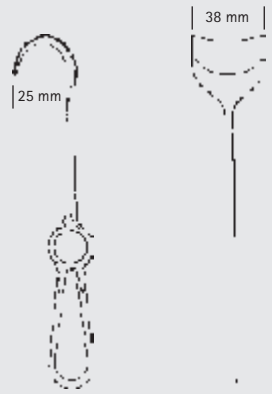
165 mm, 6 1/2"

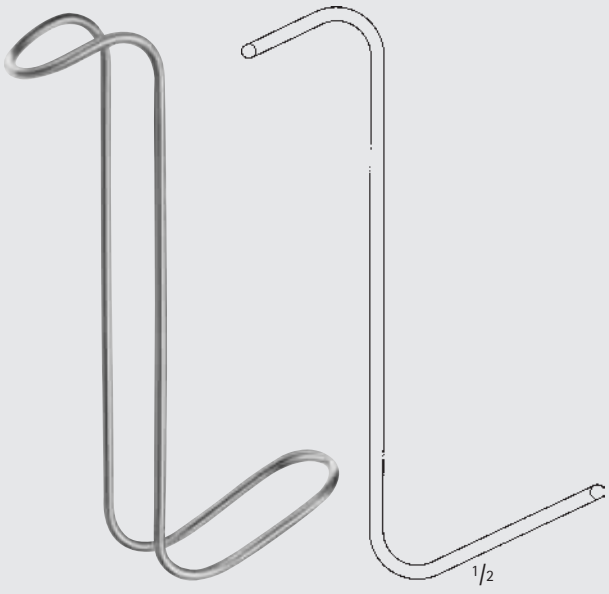
Wundhaken – Wound Retractors

Wundhaken
Retractors

Maßangaben für Blattgrößen der Wundhaken
1. Zahl = Tiefe Beispiel: 25 x 38 mm
2. Zahl = Breite

Dimensions for blade size of retractors
1st number = depth Example: 25 x 38 mm
2nd number = width





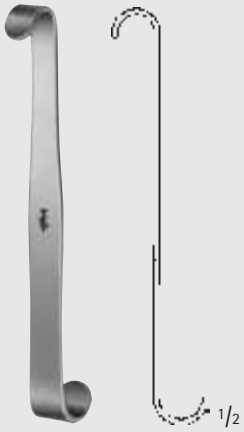
COLLIN-HARTMANN

BT001R
150 mm, 6"

STERNBERG

OM251R	OM252R	OM253R
120 mm	130 mm	135 mm
4 1/4"	5"	5 1/4"

10 x 8 mm



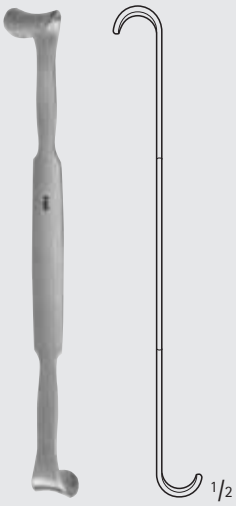
12 x 11 mm

LUER

BT010R

110 mm, 4 3/8"

10 x 12 mm



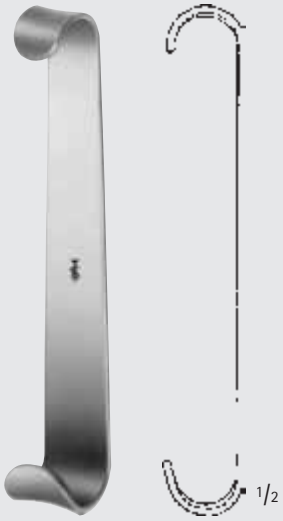
11 x 15 mm

ROSE

BT011R

130 mm, 5 1/8"

17 x 16 mm



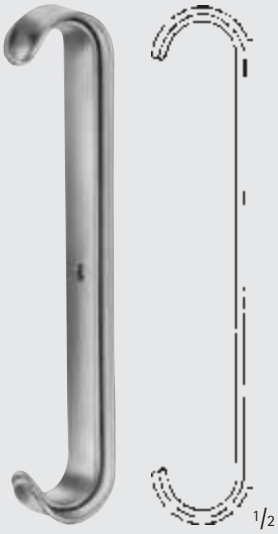
18 x 22 mm

BABY-ROUX

BT019R

135 mm, 5 1/4"

22 x 15 mm
18 x 15 mm



18 x 15 mm
22 x 15 mm

PARKER

BT025R

135 mm, 5 1/4"

5 x 3 mm

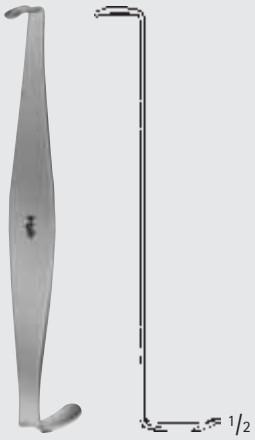
14 x 6,3 mm

RAGNELL

BT004R

150 mm, 6"

11 x 4 mm



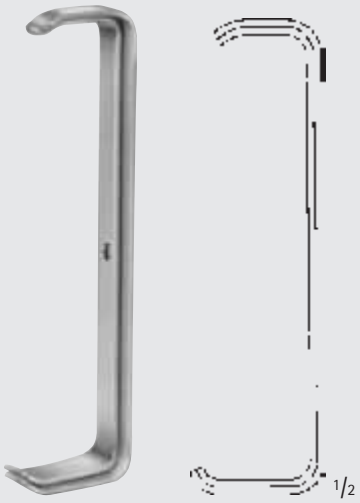
19 x 6 mm

CRILE

BT012R

110 mm, 4 3/8"

25 x 10 mm
22 x 10 mm



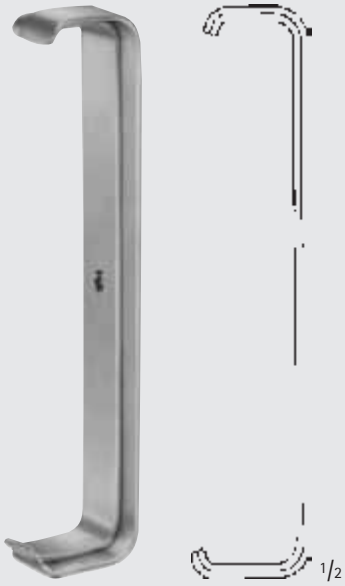
28 x 12 mm
32 x 12 mm

FARABEUF

BT020R

125 mm, 5"

23 x 16 mm
20 x 16 mm



24 x 16 mm
28 x 16 mm

FARABEUF

BT021R

150 mm, 6"

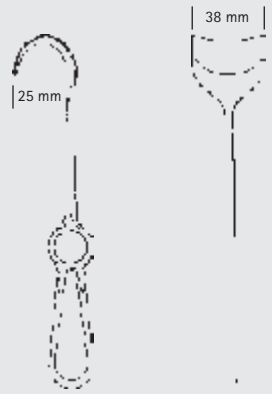
Wundhaken – Wound Retractors

Wundhaken

Retractors

Maßangaben für Blattgrößen der Wundhaken
1. Zahl = Tiefe Beispiel: 25 x 38 mm
2. Zahl = Breite

Dimensions for blade size of retractors
1st number = depth Example: 25 x 38 mm
2nd number = width



36 x 44 mm
30 x 24 mm

1/2

36 x 44 mm
30 x 24 mm

PARKER

BT026R

180 mm, 7"

21 x 14 mm
17 x 14 mm

1/2

28 x 16 mm
32 x 16 mm

COLLIN

BT022R

150 mm, 6"

ROUX

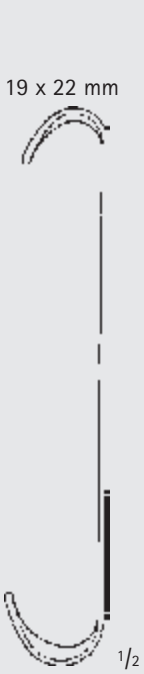
BT030R–BT033R

Satz komplett
bestehend aus:

Set complete,
consisting of:

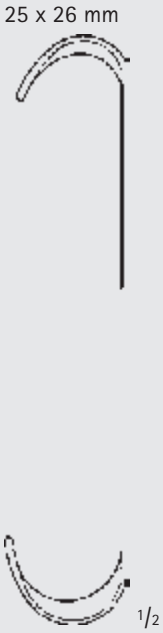
BT031R
BT032R
BT033R

165 mm, 6 1/2"



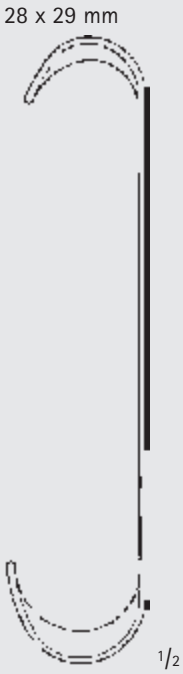
23 x 30 mm

BT031R



28 x 38 mm

BT032R



33 x 45 mm

BT033R

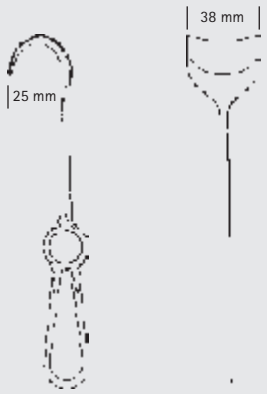
Wundhaken – Wound Retractors

Wundhaken

Retractors

Maßangaben für Blattgrößen der Wundhaken
1. Zahl = Tiefe Beispiel: 25 x 38 mm
2. Zahl = Breite

Dimensions for blade size of retractors
1st number = depth Example: 25 x 38 mm
2nd number = width



28 x 24 mm

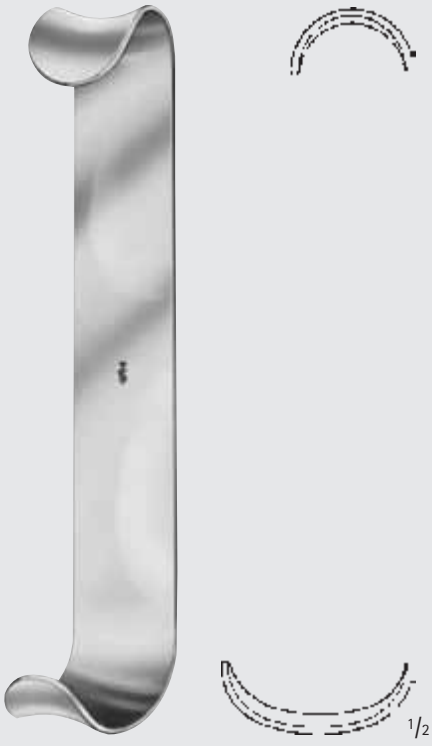
43 x 24 mm

ROUX

BT028R

170 mm, 6 3/4"

28 x 28 mm



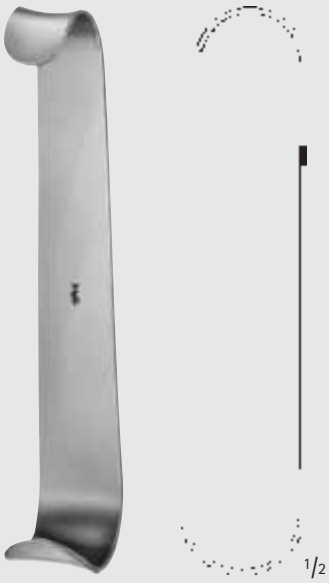
46 x 28 mm

ROUX

BT029R

190 mm, 7 1/2"

30 x 19 mm



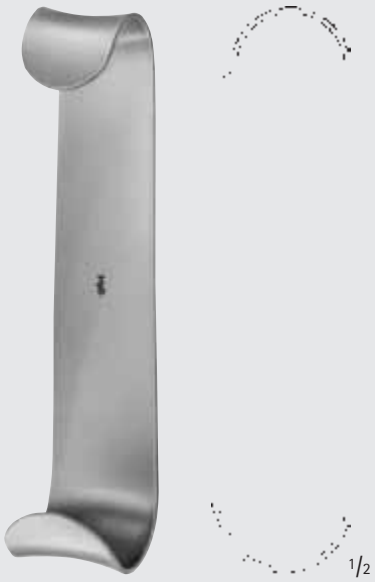
33 x 25 mm

KILNER

OL219R

150 mm, 6"

35 x 29 mm



40 x 35 mm

KILNER

OL220R

150 mm, 6"

20 x 22 mm

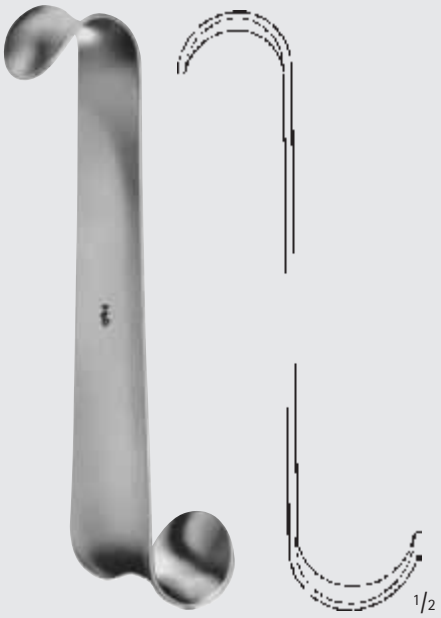
25 x 29 mm

ROUX

BT034R

150 mm, 6"

25 x 26 mm



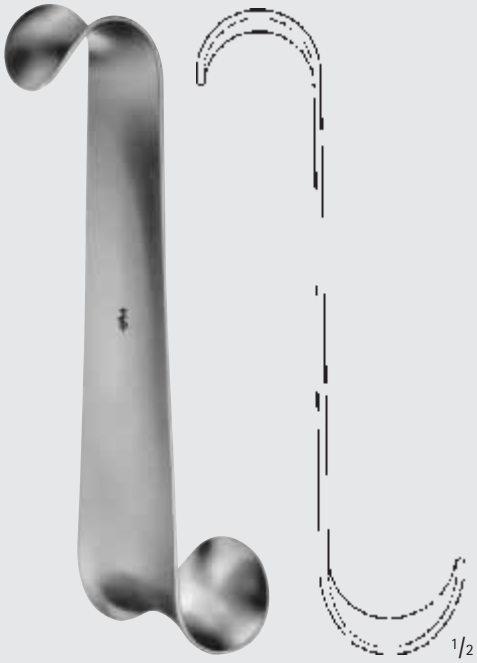
30 x 38 mm

ROUX

BT035R

160 mm, 6 1/4"

28 x 29 mm



33 x 44 mm

ROUX

BT036R

170 mm, 6 3/4"

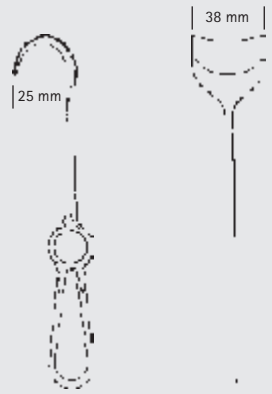
MILLIMETERS

Wundhaken – Wound Retractors

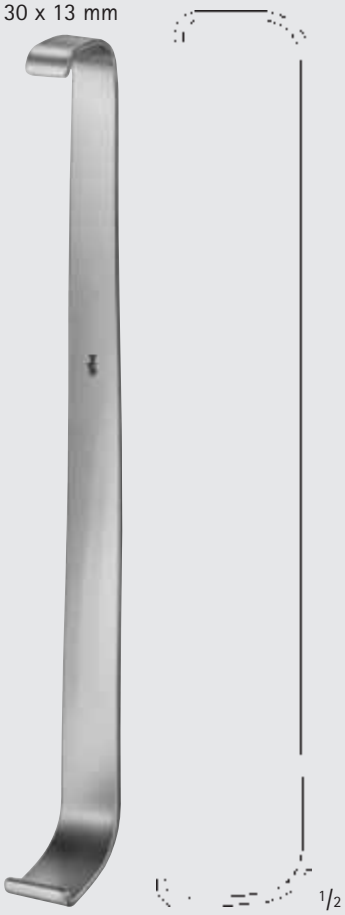
Wundhaken
Retractors

Maßangaben für Blattgrößen der Wundhaken
1. Zahl = Tiefe Beispiel: 25 x 38 mm
2. Zahl = Breite

Dimensions for blade size of retractors
1st number = depth Example: 25 x 38 mm
2nd number = width



30 x 13 mm



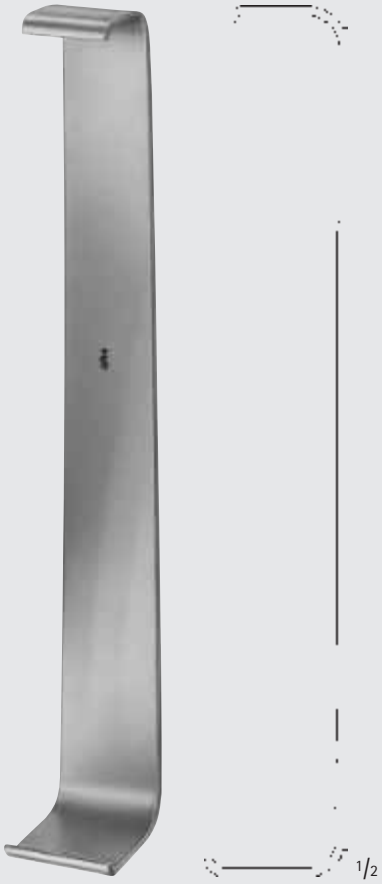
35 x 19 mm

LANE

BT037R

230 mm, 9″

30 x 25 mm



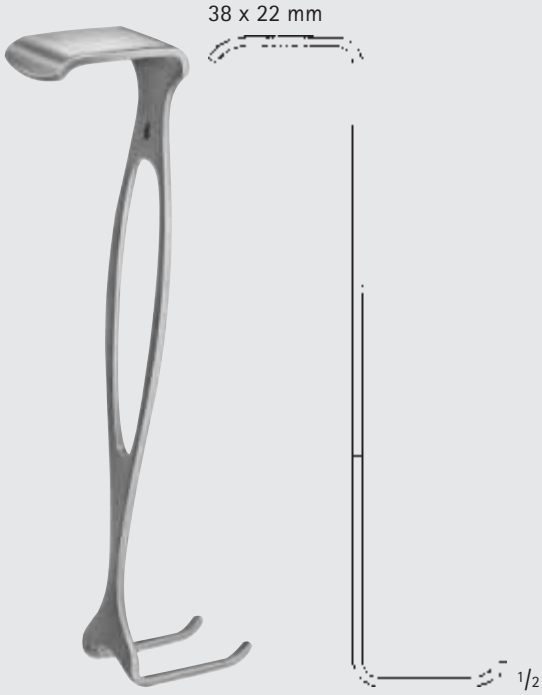
35 x 32 mm

LANE

BT038R

230 mm, 9″

38 x 22 mm



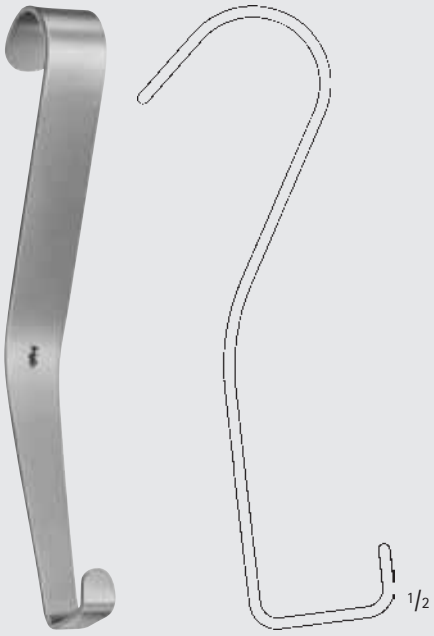
38 x 22 mm

CZERNY

BT042R

175 mm, 7″

30 x 18 mm



25 x 10 mm

HAJEK

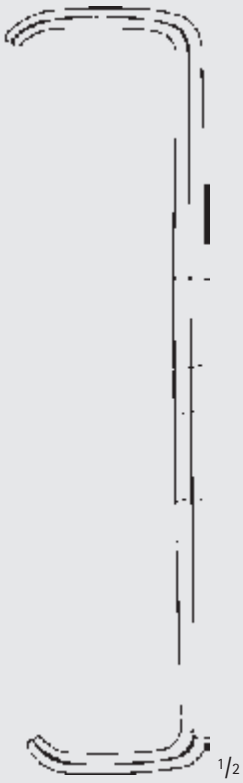
OL221R

165 mm, 6 1/2"

47 x 13 mm
41 x 13 mm

37 x 25 mm
45 x 25 mm

38 x 22 mm



38 x 22 mm

MATHIEU

BT040R

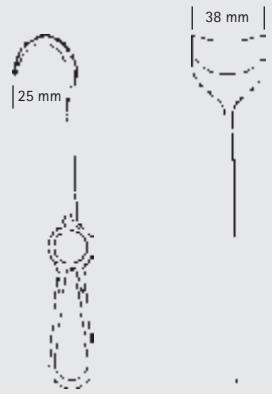
200 mm, 8"

Wundhaken – Wound Retractors

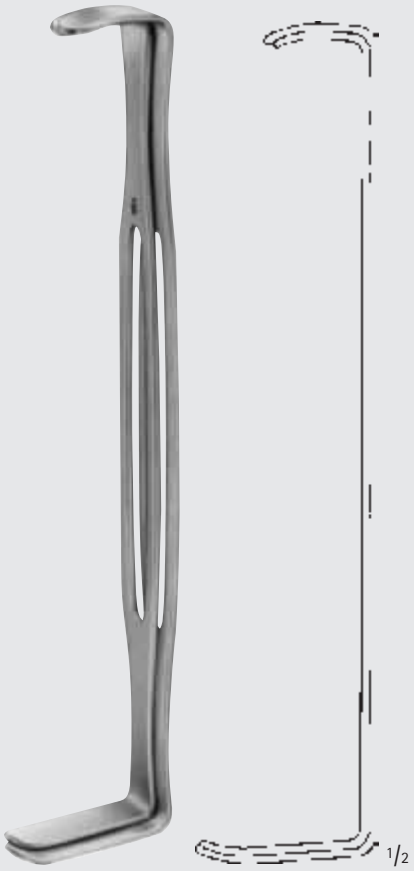
Wundhaken
Retractors

Maßangaben für Blattgrößen der Wundhaken
1. Zahl = Tiefe Beispiel: 25 x 38 mm
2. Zahl = Breite

Dimensions for blade size of retractors
1st number = depth Example: 25 x 38 mm
2nd number = width



26 x 15 mm
22 x 15 mm



39 x 15 mm
43 x 15 mm

US-ARMY

BT041R	220 mm, 8 3/4"

GOELET

MD497	190 mm, 7 1/2"

CANNY-RYALL

		Blattbreite Blade width
BT047R	190 mm, 7 1/2"	16 mm
BT048R	190 mm, 7 1/2"	20 mm
BT049R	200 mm, 8"	25 mm

KOCHER

BT234R

scharf
sharp
205 mm, 8"

KOCHER

BT238R

scharf
sharp
220 mm, 8 3/4"

KOCHER

BT239R

stumpf
blunt
220 mm, 8 3/4"

VOLKMANN

BT240R

scharf
sharp
220 mm, 8 3/4"

VOLKMANN

BT241R

stumpf
blunt
220 mm, 8 3/4"

BT232R

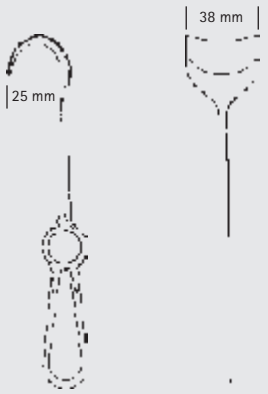
scharf
sharp
245 mm, 9 3/4"

Wundhaken – Wound Retractors

Knochen- und Wundhaken
Bone Retractors and Retractors

Maßangaben für Blattgrößen der Wundhaken
1. Zahl = Tiefe Beispiel: 25 x 38 mm
2. Zahl = Breite

Dimensions for blade size of retractors
1st number = depth Example: 25 x 38 mm
2nd number = width



VOLKMANN

BT221R

scharf
sharp
220 mm, 8 3/4"

VOLKMANN

BT222R–BT230R

225 mm, 9"

scharf
sharp

BT222R	BT223R	BT224R	BT225R
9 x 8 mm	9 x 13 mm	9 x 19 mm	9 x 29 mm

stumpf
blunt

BT227R	BT228R	BT229R	BT230R
8.5 x 8 mm	8.5 x 13 mm	8.5 x 19 mm	8.5 x 29 mm

scharf
sharp

BT242R	BT243R	BT244R	BT246R	BT248R
9 x 8 mm	9 x 13 mm	9 x 19 mm	9 x 29 mm	9 x 40 mm

stumpf
blunt

BT252R	BT253R	BT254R	BT256R	BT258R
8 x 8 mm	8 x 13 mm	8 x 19 mm	8 x 29 mm	8 x 40 mm

halbscharf
semi-sharp

BT257R	BT259R	BT260R	BT261R	BT265R
8.5 x 8 mm	8.5 x 13 mm	8.5 x 19 mm	8.5 x 29 mm	8,5 x 40 mm

VOLKMANN

BT242R–BT265R

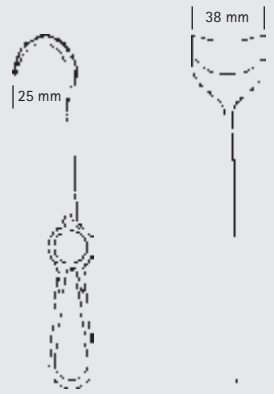
220 mm, 8 3/4"

Wundhaken – Wound Retractors

Wundhaken
Retractors

Maßangaben für Blattgrößen der Wundhaken
1. Zahl = Tiefe Beispiel: 25 x 38 mm
2. Zahl = Breite

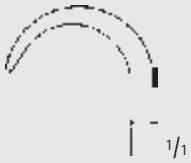
Dimensions for blade size of retractors
1st number = depth Example: 25 x 38 mm
2nd number = width



halbscharf
semi-sharp

BT262R	BT263R	BT264R	BT266R
16 x 9 mm	16 x 14 mm	16 x 20 mm	16 x 30 mm

stumpf
blunt



BT272R	BT273R	BT274R	BT276R
15.5 x 9 mm	15.5 x 14 mm	15.5 x 20 mm	15.5 x 30 mm

KOCHER

BT262R–BT276R

220 mm, 8 3/4"

MURPHY

BT293R–BT296R

195 mm, 7 3/4"

BT293R
scharf
sharp

BT294R
scharf
sharp

BT295R
stumpf
blunt

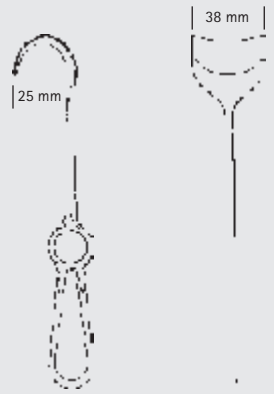
BT296R
stumpf
blunt

Wundhaken – Wound Retractors

Wundhaken, tiefe Form
Retractors, Deep Form

Maßangaben für Blattgrößen der Wundhaken
1. Zahl = Tiefe Beispiel: 25 x 38 mm
2. Zahl = Breite

Dimensions for blade size of retractors
1st number = depth Example: 25 x 38 mm
2nd number = width



BT278R
8 Zähne, stumpf
8 prongs, blunt

26 x 40 mm

BT279R
8 Zähne, halbscharf
8 prongs, semi-sharp

KÖRTE

BT278R–BT279R

Griff vertikal zum Blatt
Handle vertical to the blade
240 mm, 9 1/2"

KÖRTE

BT280R

4 Zähne, stumpf
Griff vertikal zum Blatt
4 prongs, blunt
handle vertical to the blade
230 mm, 9"

KÖRTE-WAGNER

BT290R

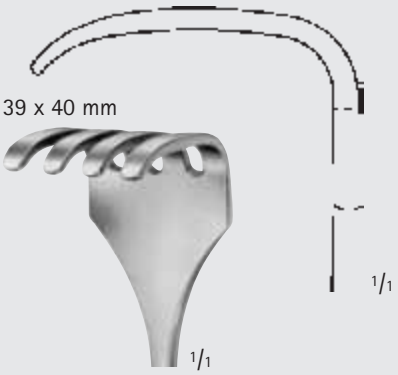
8 Zähne, halbscharf
8 prongs, semi-sharp
280 mm, 11"

ISRAEL

BT284R–BT287R

255 mm, 10"

39 x 40 mm

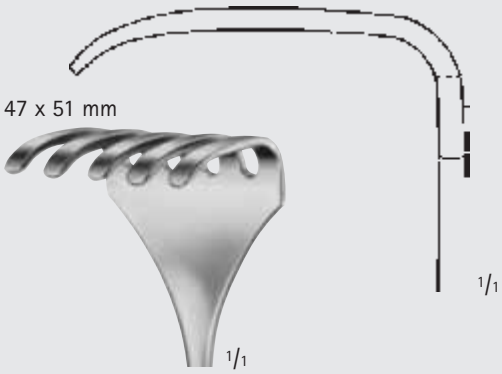


BT284R

4 Zähne, stumpf

4 prongs, blunt

47 x 51 mm

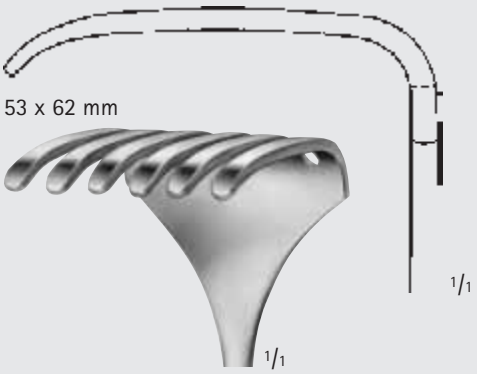


BT285R

5 Zähne, stumpf

5 prongs, blunt

53 x 62 mm

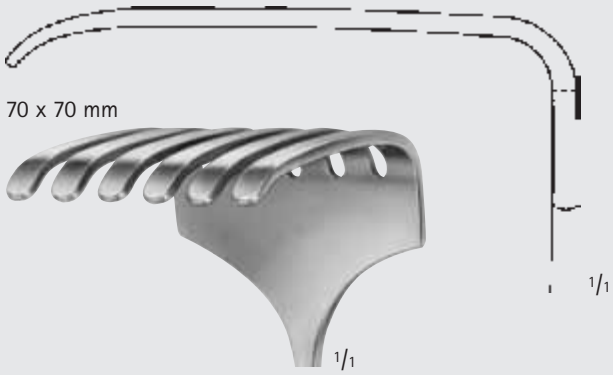


BT286R

6 Zähne, stumpf

6 prongs, blunt

70 x 70 mm



BT287R

6 Zähne, stumpf

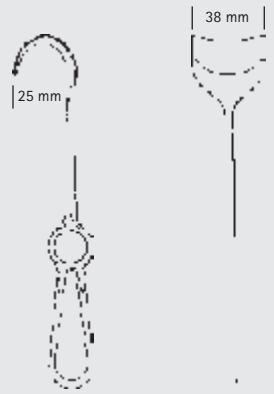
6 prongs, blunt

Wundhaken – Wound Retractors

Wundhaken
Retractors

Maßangaben für Blattgrößen der Wundhaken
1. Zahl = Tiefe Beispiel: 25 x 38 mm
2. Zahl = Breite

Dimensions for blade size of retractors
1st number = depth Example: 25 x 38 mm
2nd number = width



OLLIER

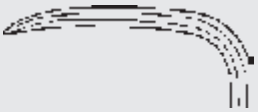
BT288R

4 Zähne, stumpf
4 prongs, blunt
230 mm, 9"

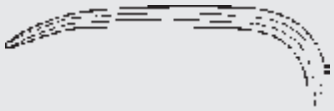
LANGENBECK

BT311R–BT316R

230 mm, 9"

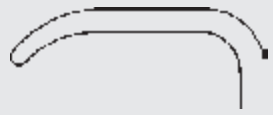


BT311R
30 x 10 mm



BT315R
40 x 10 mm

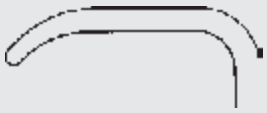
BT316R
43 x 13 mm



1/1

BT320R

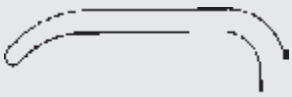
28 x 10 mm



1/1

BT321R

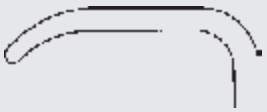
28 x 14 mm



1/1

BT322R

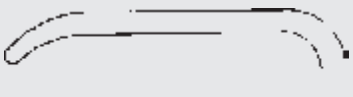
33 x 14 mm



1/1

BT323R

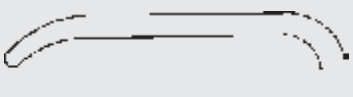
28 x 16 mm



1/1

BT325R

40 x 10 mm



1/1

BT326R

40 x 13 mm

1/2

LANGENBECK

BT320R–BT326R

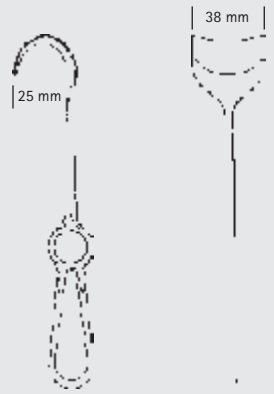
210 mm, 8 1/4"

Wundhaken – Wound Retractors

Wundhaken
Retractors

Maßangaben für Blattgrößen der Wundhaken
1. Zahl = Tiefe Beispiel: 25 x 38 mm
2. Zahl = Breite

Dimensions for blade size of retractors
1st number = depth Example: 25 x 38 mm
2nd number = width

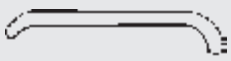


1/2

KOCHER-LANGENBECK

BT354R–BT365R

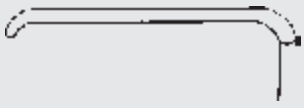
215 mm, 8 1/2"



1/1

BT354R

25 x 6 mm



1/1

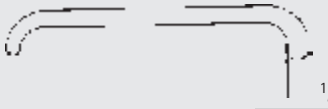
BT356R

35 x 8 mm

1/1

BT357R

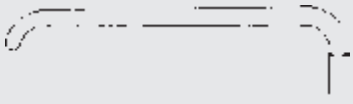
35 x 11 mm



1/1

BT358R

35 x 15 mm



1/1

BT359R

41 x 11 mm

1/1

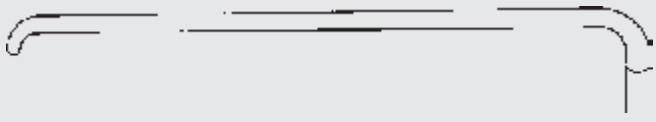
BT361R

55 x 11 mm

1/1

BT363R

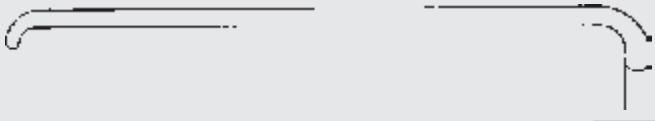
70 x 14 mm



1/1

BT364R

80 x 12 mm



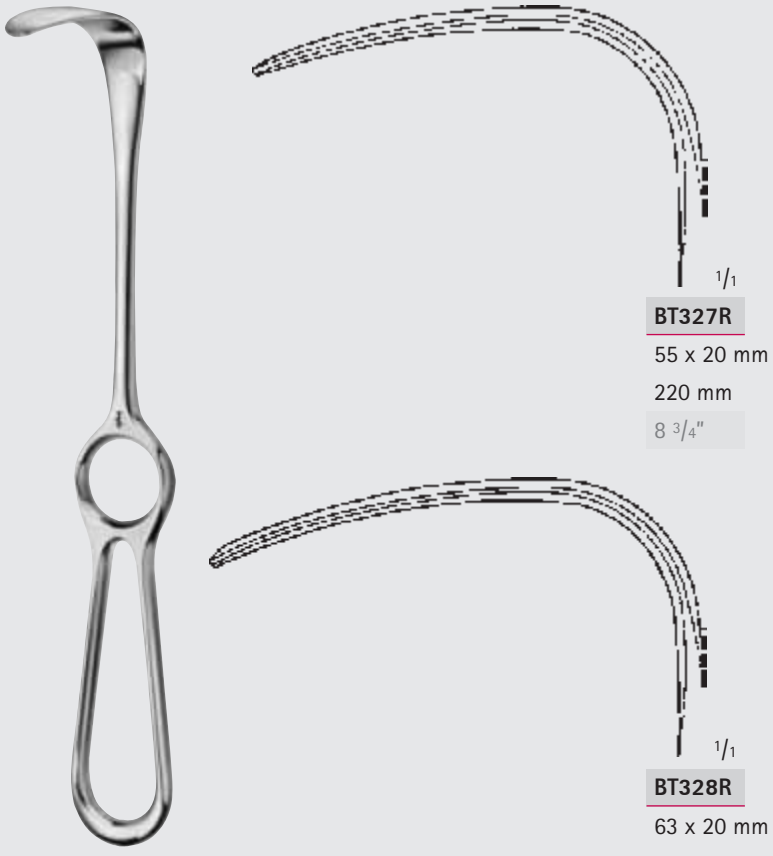
1/1

BT365R

80 x 16 mm

INCHES

BT340R
210 mm, 8 1/4"



BT327R
55 x 20 mm
220 mm
8 3/4"

BT328R
63 x 20 mm
210 mm
8 1/4"

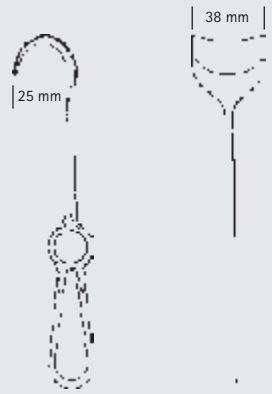
BT327R–BT328R

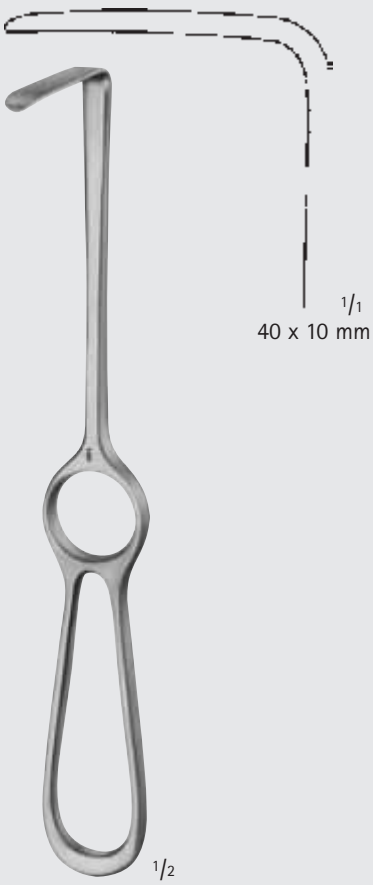
Wundhaken – Wound Retractors

Wundhaken
Retractors

Maßangaben für Blattgrößen der Wundhaken
1. Zahl = Tiefe Beispiel: 25 x 38 mm
2. Zahl = Breite

Dimensions for blade size of retractors
1st number = depth Example: 25 x 38 mm
2nd number = width





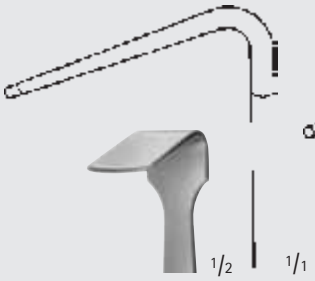
BT343R

215 mm, 8 1/2"

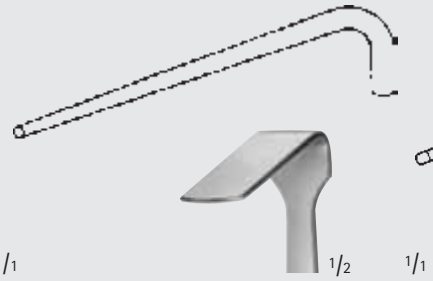
LANGENBECK

BT332R

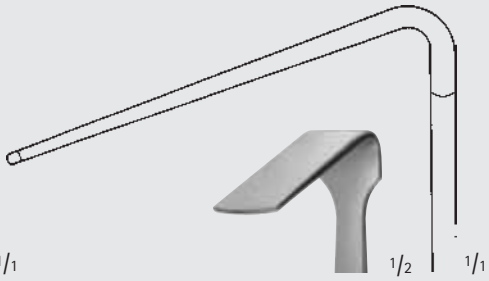
Griff vertikal zum Blatt
Handle vertical to the blade
215 mm, 8 1/2"



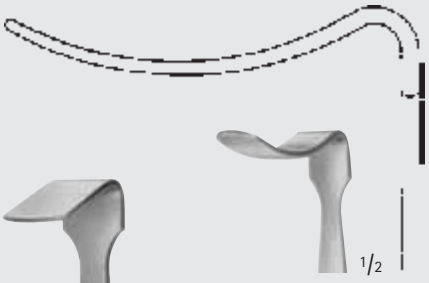
BT421R
32 x 19 mm



BT422R
48 x 19 mm



BT423R
57 x 19 mm



BT424R
52 x 13 mm

BT425R
12 x 13 mm

SMILLIE

BT421R–BT425R
140 mm, 5 1/2"

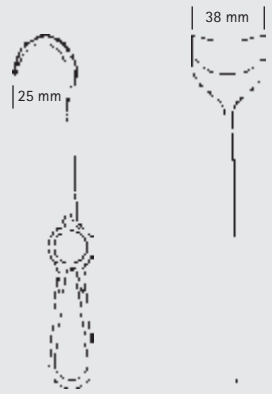
Wundhaken – Wound Retractors

Wund- und Meniskushaken

Retractors and Knee Retractors

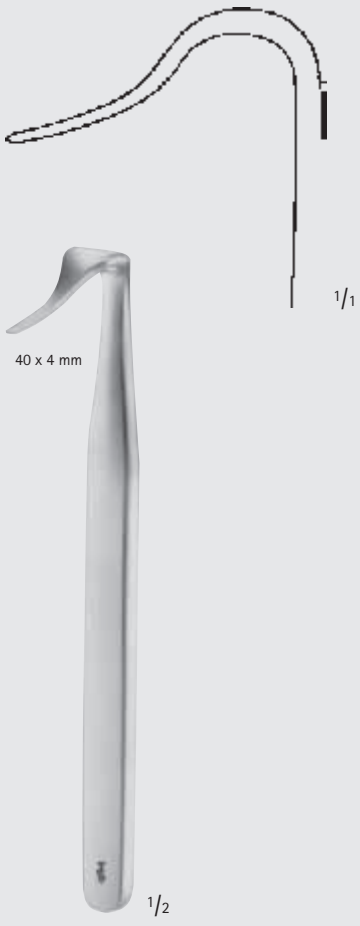
Maßangaben für Blattgrößen der Wundhaken
1. Zahl = Tiefe Beispiel: 25 x 38 mm
2. Zahl = Breite

Dimensions for blade size of retractors
1st number = depth Example: 25 x 38 mm
2nd number = width



BT419R

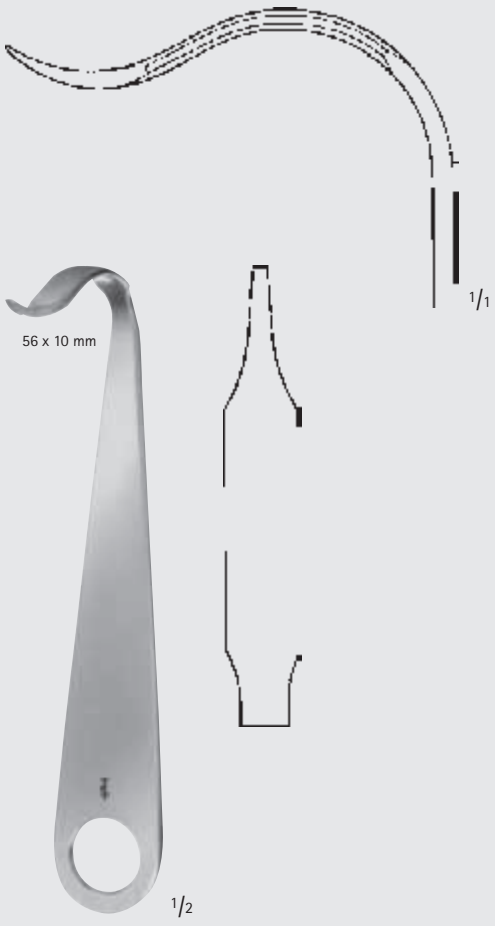
225 mm, 9"



BLOUNT

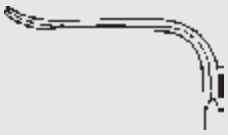
BT420R

175 mm, 7"



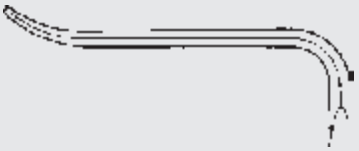
BT430R

170 mm, 6 3/4"



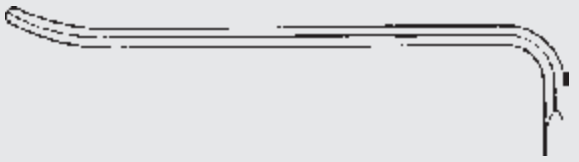
DO450R
25 x 7 mm

DO451R
31 x 10 mm

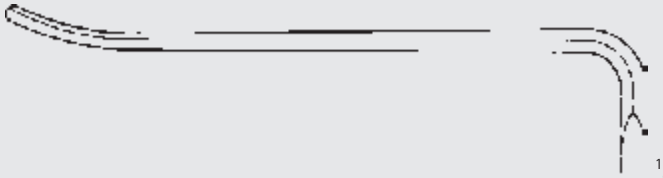


DO452R
42 x 11 mm

DO453R
55 x 12 mm



DO454R
70 x 14 mm



DO455R
80 x 16 mm

1/2

OBWEGESER

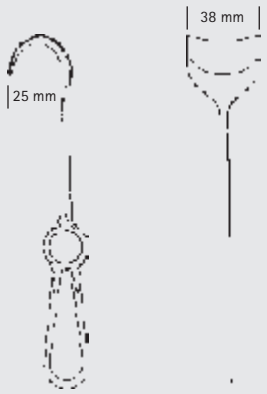
DO450R–DO455R
215 mm, 8 1/2"

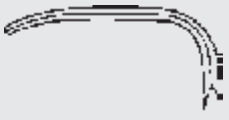
Wundhaken – Wound Retractors

Wundhaken
Retractors

Maßangaben für Blattgrößen der Wundhaken
1. Zahl = Tiefe Beispiel: 25 x 38 mm
2. Zahl = Breite

Dimensions for blade size of retractors
1st number = depth Example: 25 x 38 mm
2nd number = width

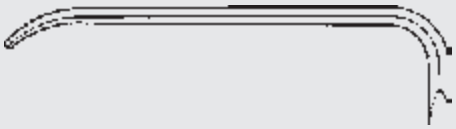




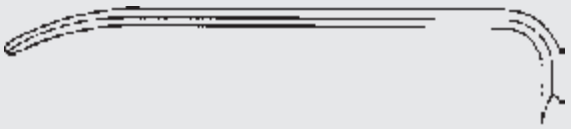
DO460R
25 x 7 mm

DO461R
31 x 10 mm

DO462R
42 x 11 mm



DO463R
55 x 12 mm



DO464R
70 x 14 mm

1/1

DO465R
80 x 16 mm

1/2

OBWEGESER

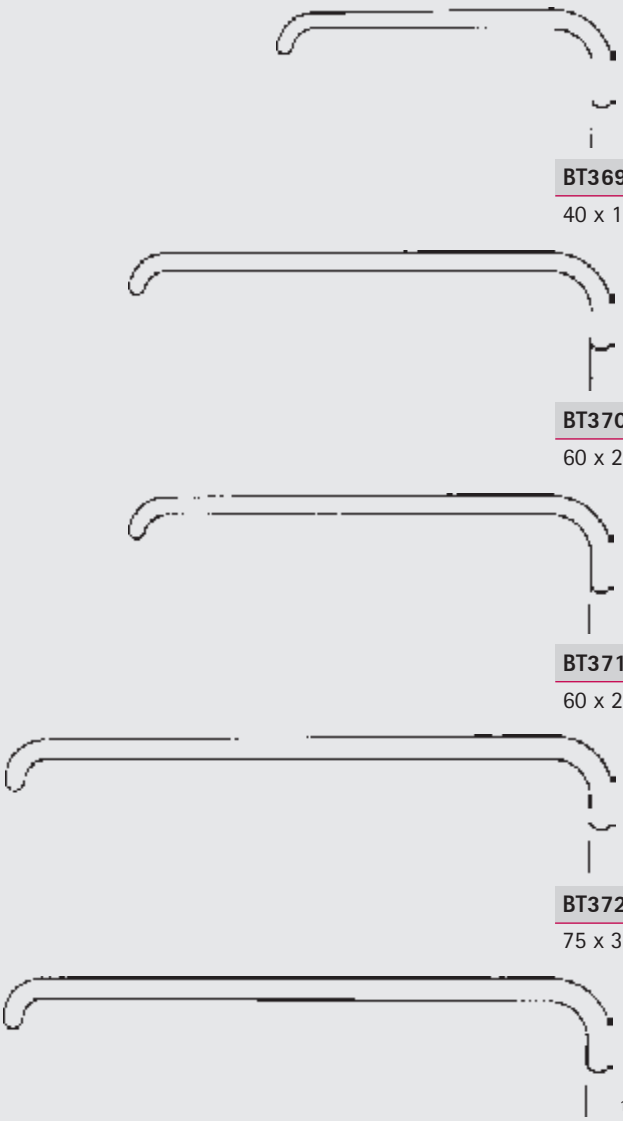
DO460R-DO465R
215 mm, 8 1/2"

1/2

KOCHER

BT369R–BT373R

230 mm, 9"



BT369R
40 x 18 mm

BT370R
60 x 20 mm

BT371R
60 x 25 mm

BT372R
75 x 30 mm

1/1

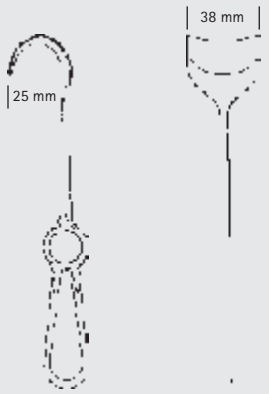
BT373R
75 x 40 mm

Wundhaken – Wound Retractors

Wundhaken
Retractors

Maßangaben für Blattgrößen der Wundhaken
1. Zahl = Tiefe Beispiel: 25 x 38 mm
2. Zahl = Breite

Dimensions for blade size of retractors
1st number = depth Example: 25 x 38 mm
2nd number = width



1/2

SAUERBRUCH

BT351R-BT353R

225 mm, 9″

BT351R

46 x 16 mm

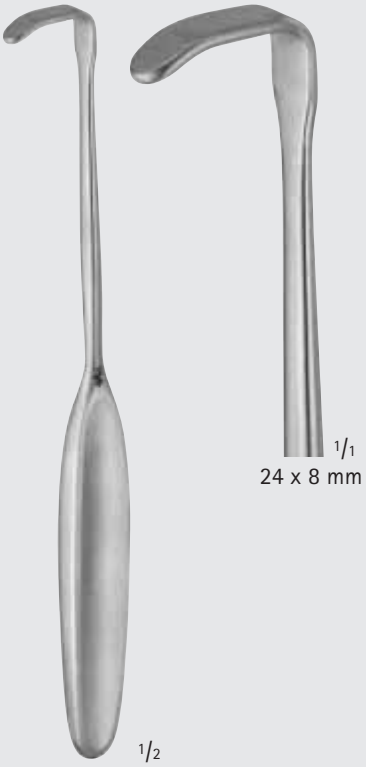
BT352R

55 x 22 mm

1/1

BT353R

72 x 19 mm



1/2

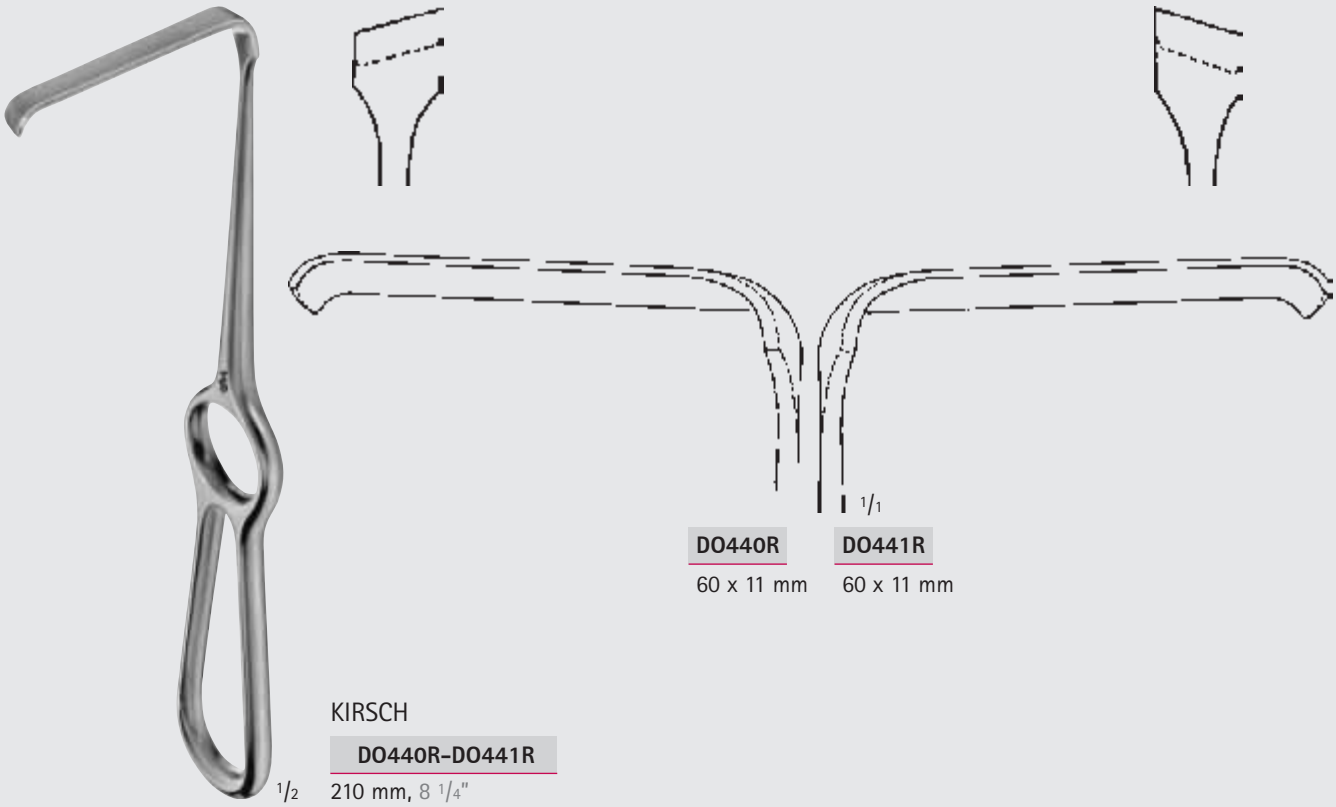
LAHEY

MB785R

200 mm, 8″

1/1

24 x 8 mm



1/1

DO440R
60 x 11 mm

DO441R
60 x 11 mm

1/2

KIRSCH

DO440R-DO441R
210 mm, 8 1/4"

1/1

16 x 25 mm

1/2

DURHAM

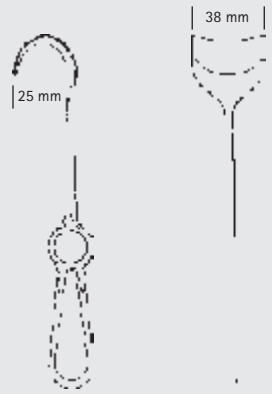
BT400R
215 mm, 8 1/2"

Wundhaken – Wound Retractors

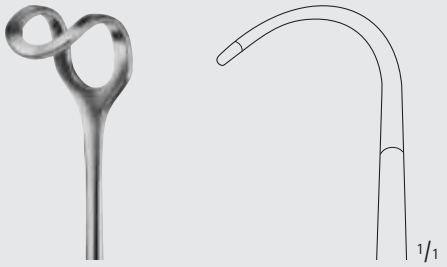
Wundhaken
Retractors

Maßangaben für Blattgrößen der Wundhaken
1. Zahl = Tiefe Beispiel: 25 x 38 mm
2. Zahl = Breite

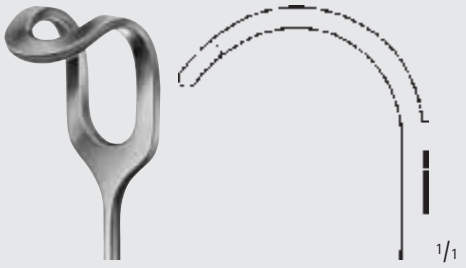
Dimensions for blade size of retractors
1st number = depth Example: 25 x 38 mm
2nd number = width



BT404R
15 x 15 mm
220 mm
8 3/4"



BT405R
20 x 22 mm
215 mm
8 1/2"



BT406R
28 x 28 mm
235 mm
9 1/4"

MIDDELDORPF

BT404R–BT406R

22 x 22 mm

GREENE

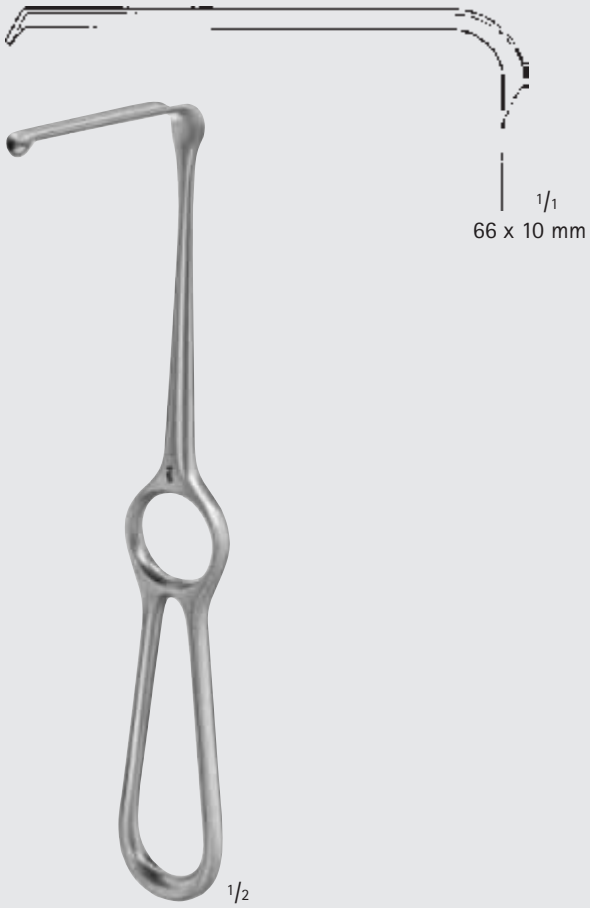
BT408R

225 mm, 9"

BÜCHS

DO432R

205 mm, 8"



KRÄMER

BT464R

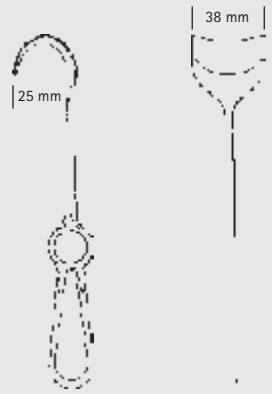
210 mm, 8 1/4"

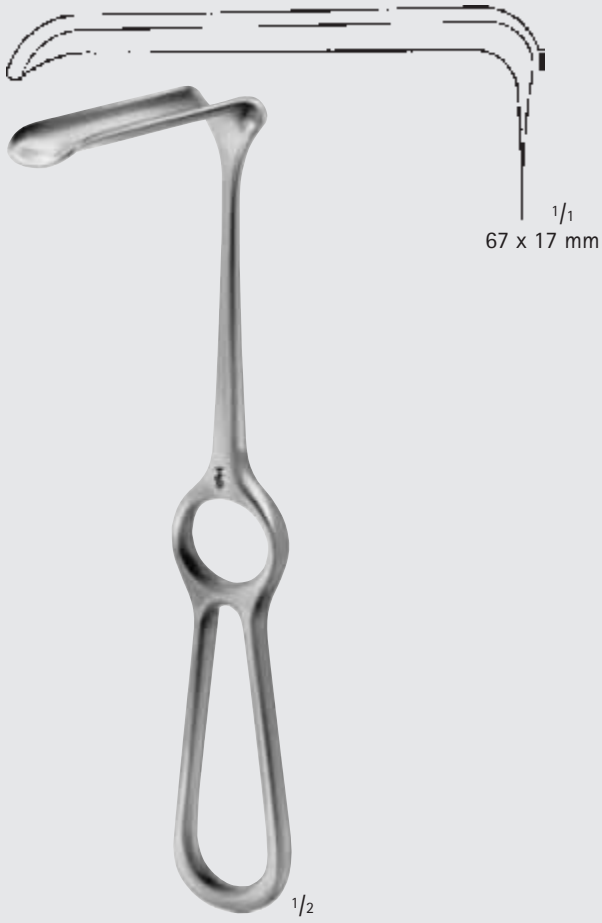
Wundhaken – Wound Retractors

Wundhaken
Retractors

Maßangaben für Blattgrößen der Wundhaken
1. Zahl = Tiefe Beispiel: 25 x 38 mm
2. Zahl = Breite

Dimensions for blade size of retractors
1st number = depth Example: 25 x 38 mm
2nd number = width

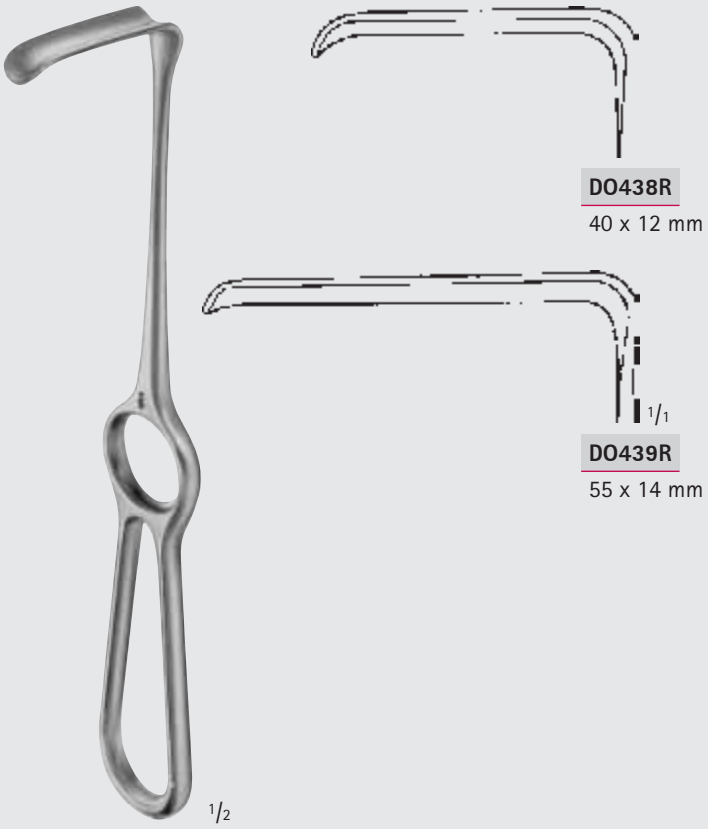




CASPAR

BT465R

210 mm, 8 1/4"



DOCKHORN

DO438R–DO439R

210 mm, 8 1/4"

1/1

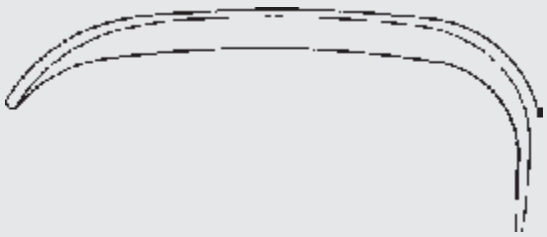
36 x 20 mm

1/2

KOCHER

BT459R

230 mm, 9"



1/1

BT460R

67 x 25 mm

1/1

BT461R

80 x 42 mm

BT462R

80 x 50 mm

BT463R

80 x 60 mm

1/2

KOCHER

BT460R–BT463R

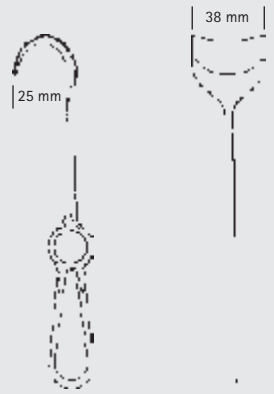
250 mm, 10"

Wundhaken – Wound Retractors

Wundhaken
Retractors

Maßangaben für Blattgrößen der Wundhaken
1. Zahl = Tiefe Beispiel: 25 x 38 mm
2. Zahl = Breite

Dimensions for blade size of retractors
1st number = depth Example: 25 x 38 mm
2nd number = width



KOCHER-WAGNER
1/2
BT490R–BT498R
280 mm, 11"

BT490R
20 x 15 mm

BT490R

BT492R
36 x 20 mm

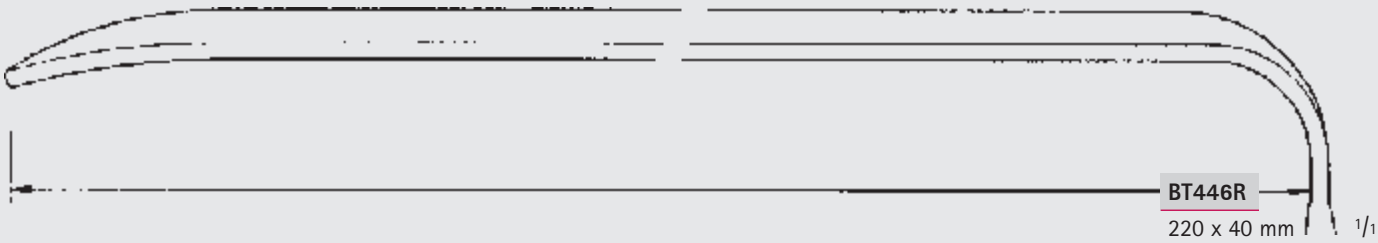
BT492R

BT494R
64 x 25 mm

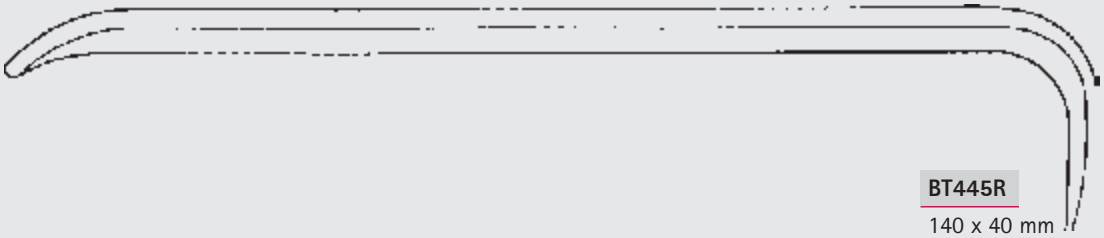
BT494R

1/1
BT498R
94 x 36 mm

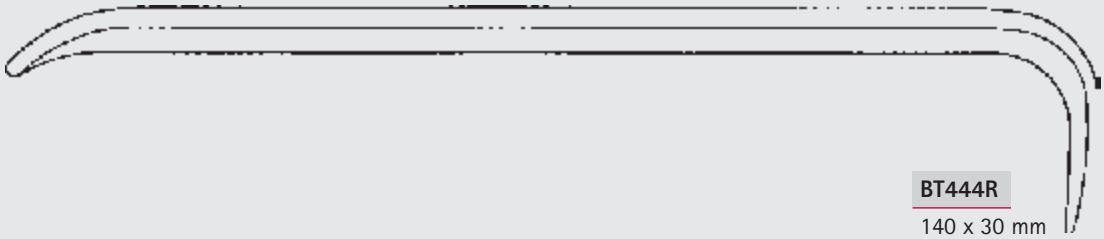
1/1
BT498R



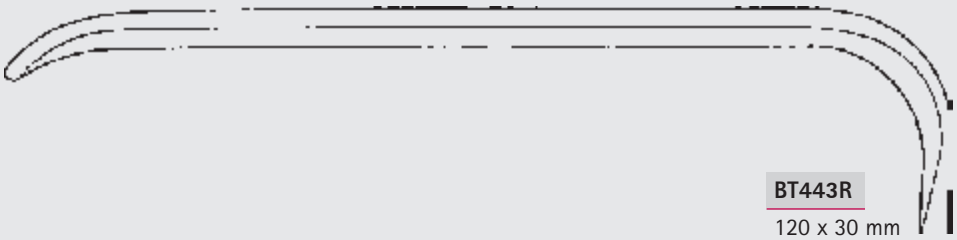
BT446R
220 x 40 mm
1/1



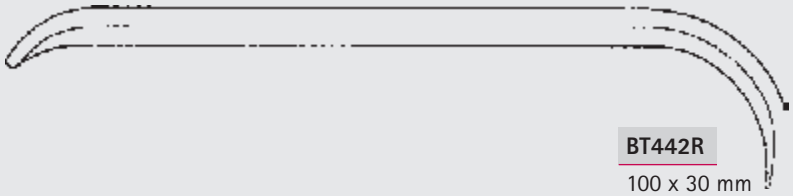
BT445R
140 x 40 mm



BT444R
140 x 30 mm



BT443R
120 x 30 mm



BT442R
100 x 30 mm

BT441R
80 x 30 mm

BT440R
60 x 20 mm

1/2

HÖSEL

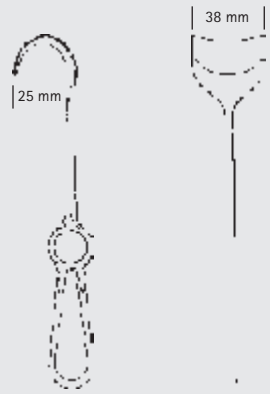
BT440R–BT446R
250 mm, 10"

Wundhaken – Wound Retractors

Wundhaken
Retractors

Maßangaben für Blattgrößen der Wundhaken
1. Zahl = Tiefe Beispiel: 25 x 38 mm
2. Zahl = Breite

Dimensions for blade size of retractors
1st number = depth Example: 25 x 38 mm
2nd number = width



BT540P
60 x 40 mm

BT542P
100 x 40 mm

BT545P
140 x 40 mm

BT540P-BT545P
255 mm, 10"

Wundhaken
- Aus kohlefaserverstärktem Polymer
- Röntgendurchlässig
- Blendfrei
- Autoklavierbar 134°C/ 2 bar
- Hohe Stabilität
- Federleicht - bis zu 65% Gewichtsersparnis zu einem vergleichbaren Stahlhaken

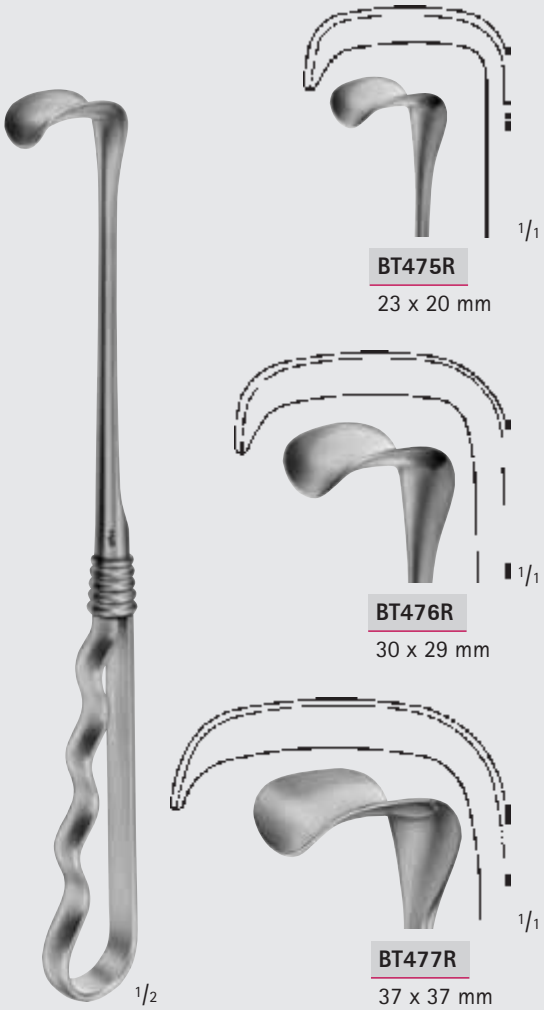
Retractor
- Made from a carbon fibre reinforced polymer
- X-ray translucent
- Non-glare finish
- Autoclavable 134°C / 2 bar
- High stability
- Feather light - up to 65% weight reduction compared to an equivalent stainless steel retractor

INCHES

RICHARDSON-EASTMAN

BT470R

Satz komplett, bestehend aus:
Set complete, consisting of:
BT471R
BT472R



RICHARDSON

BT475R–BT477R

240 mm, 9 1/2"

Wundhaken – Wound Retractors

Wundhaken
Retractors

Maßangaben für Blattgrößen der Wundhaken
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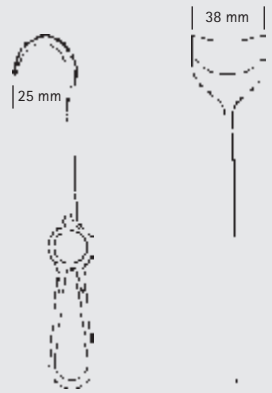
2. Zahl = Breite

Dimensions for blade size of retractors
1st number = depth Example: 25 x 38 mm
2nd number = width



RICHARDSON

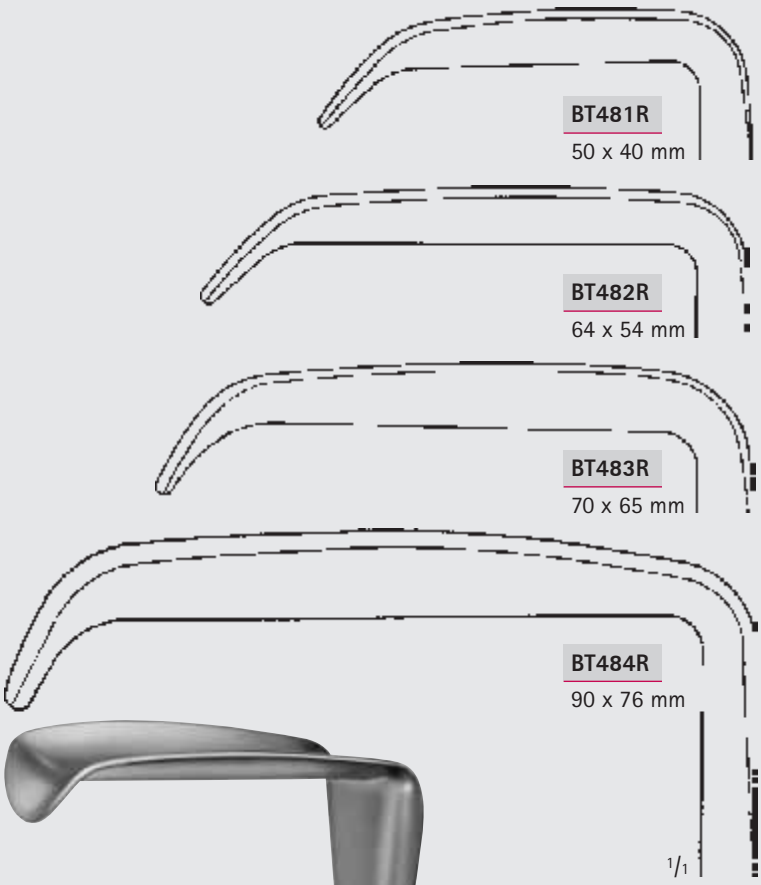
BT478R

240 mm, 9 1/2"

RICHARDSON

BT479R

250 mm, 10"



KELLY

BT481R–BT484R

260 mm, 10 1/4"

BT329R	70 x 40 mm
BT330R	70 x 50 mm
BT331R	70 x 65 mm

MORRIS

BT329R–BT331R

245 mm, 9 3/4"

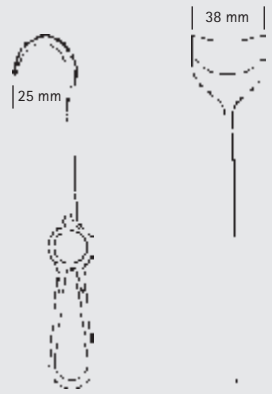
Wundhaken – Wound Retractors

Wundhaken

Retractors

Maßangaben für Blattgrößen der Wundhaken
1. Zahl = Tiefe Beispiel: 25 x 38 mm
2. Zahl = Breite

Dimensions for blade size of retractors
1st number = depth Example: 25 x 38 mm
2nd number = width



MEYERDING

BT485R–BT487R

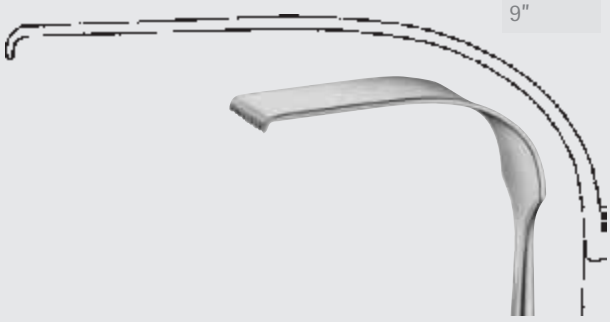
1/1

BT485R

52 x 16 mm

230 mm

9"



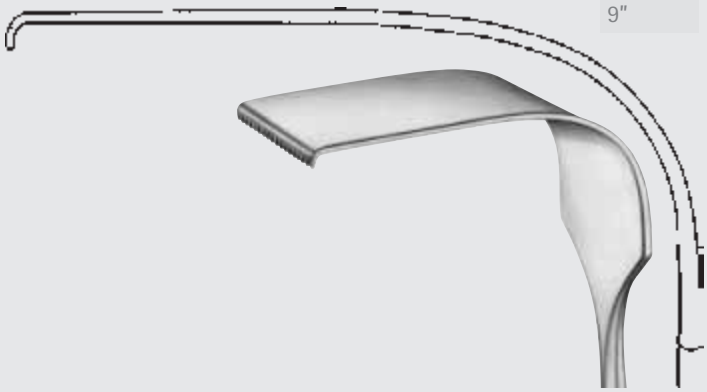
1/1

BT486R

76 x 25 mm

230 mm

9"



1/1

BT487R

89 x 50 mm

255 mm

10"

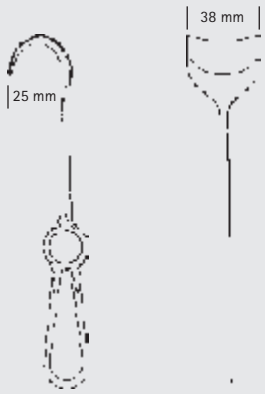
115 x 26 mm
1/1
115 x 22 mm
1/1
105 x 27 mm
1/1
95 x 20 mm
1/1
1/2
SIMON
EL873R
275 mm, 10 3/4"
1/2
SIMON
EL872R
275 mm, 10 3/4"
1/2
MARTIN
EL870R
250 mm, 10"
1/2
TÜBINGER MODELL
EL868R
265 mm, 10 1/2"
MILLIMETERS

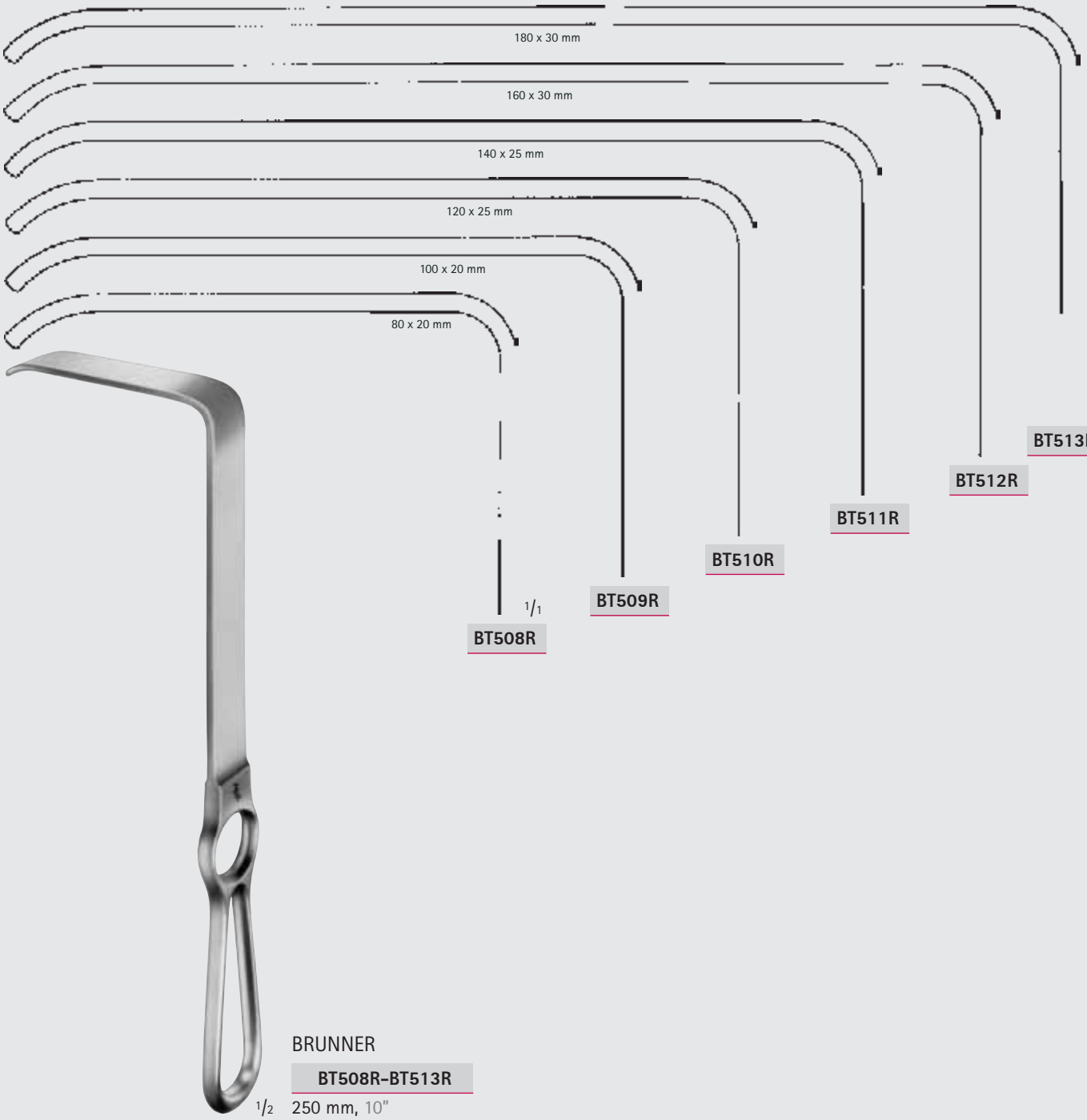
Wundhaken – Wound Retractors

Wundhaken
Retractors

Maßangaben für Blattgrößen der Wundhaken
1. Zahl = Tiefe Beispiel: 25 x 38 mm
2. Zahl = Breite

Dimensions for blade size of retractors
1st number = depth Example: 25 x 38 mm
2nd number = width

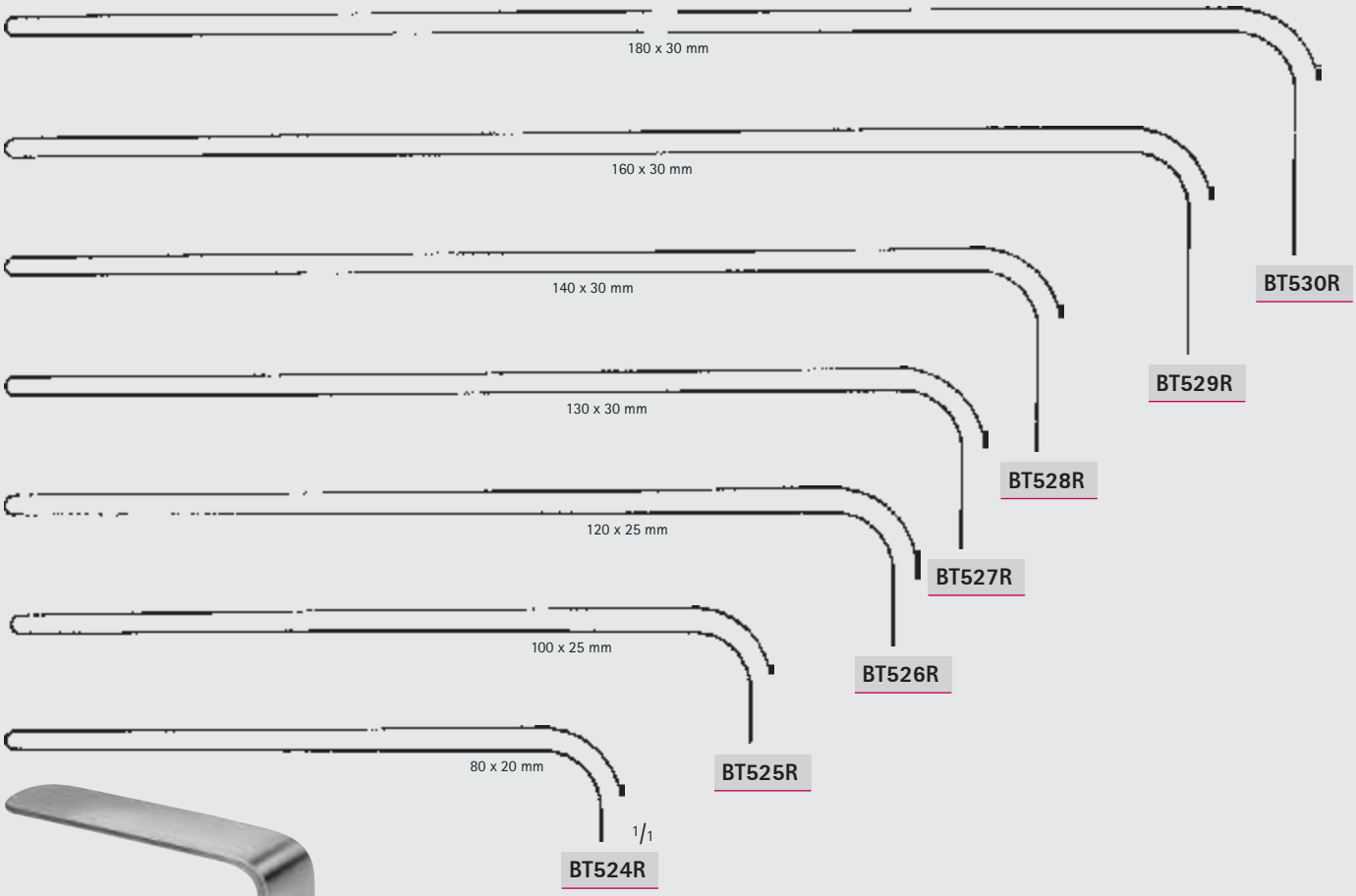




BRUNNER

BT508R–BT513R

250 mm, 10"



BRUNNER

BT524R–BT530R

1/2 275 mm, 10 3/4"

Wundhaken – Wound Retractors

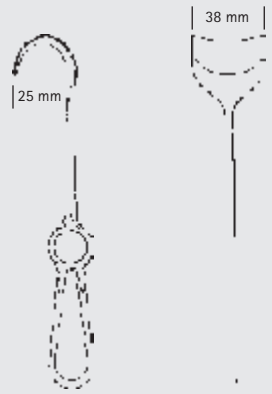
Varion-Wundhaken-System, DBP

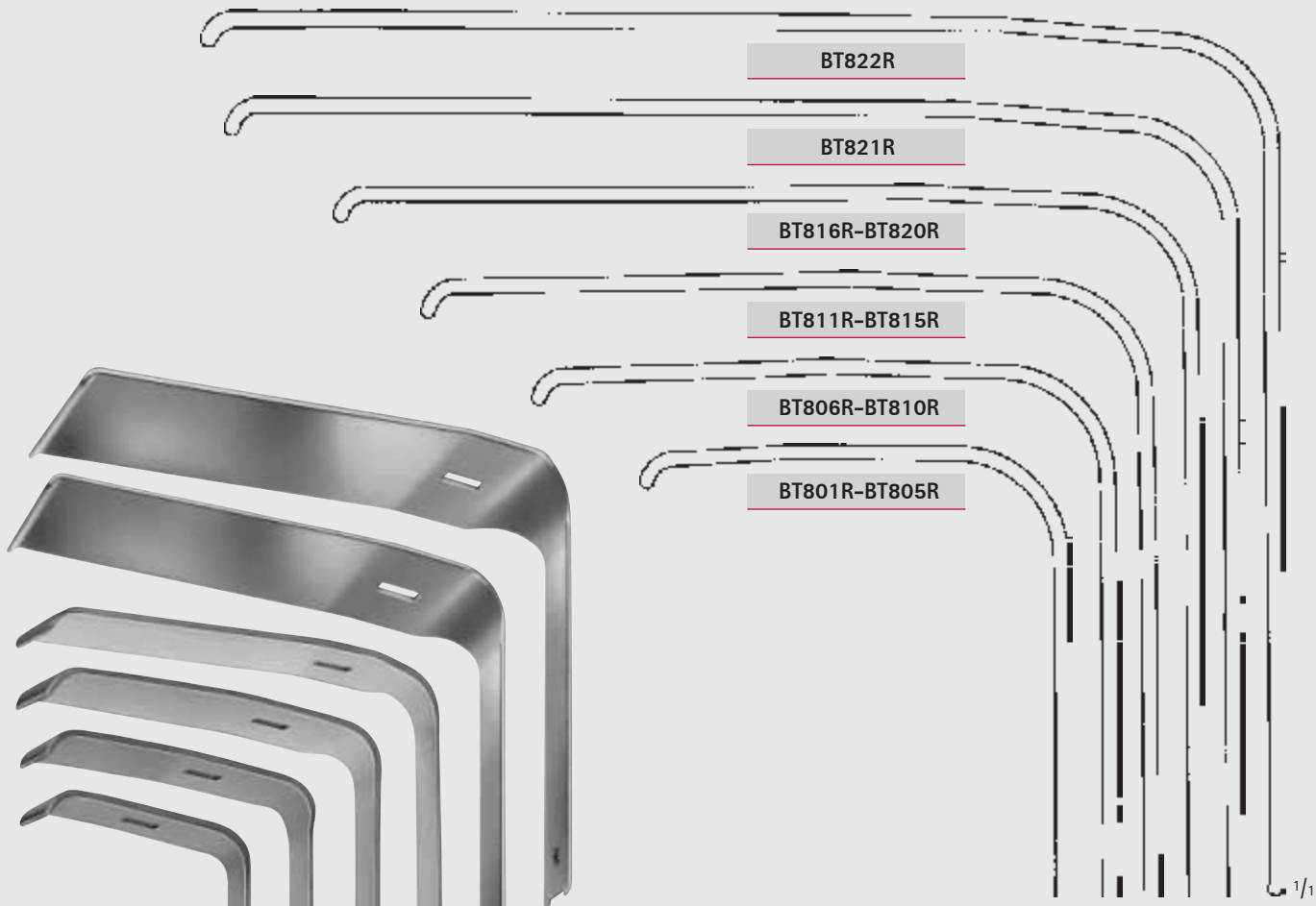
Vario Retractor System, Germ. Fed. Patent

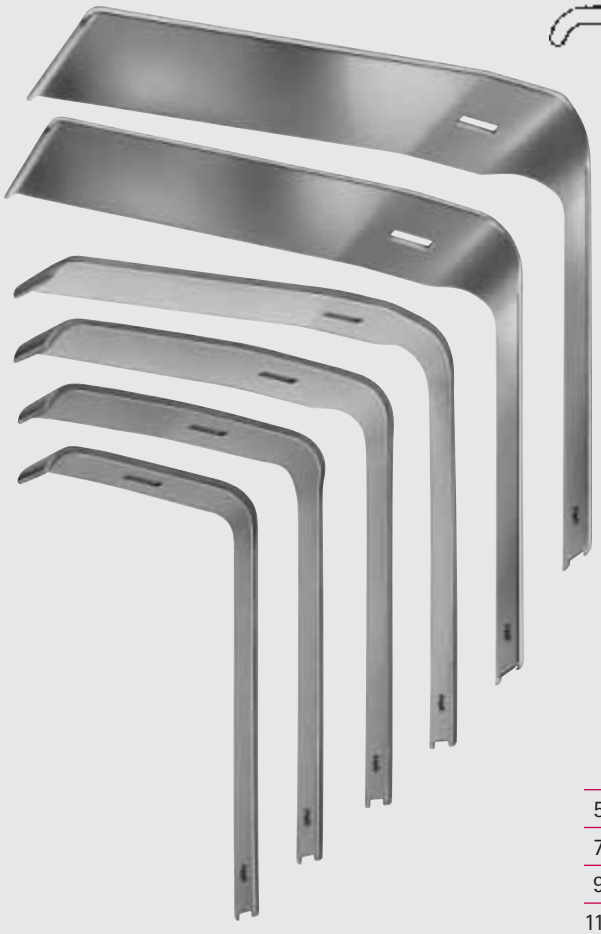
BT

Maßangaben für Blattgrößen der Wundhaken
1. Zahl = Tiefe Beispiel: 25 x 38 mm
2. Zahl = Breite

Dimensions for blade size of retractors
1st number = depth Example: 25 x 38 mm
2nd number = width







Wundhakenblätter passend auf die Handgriffe BT799R und BT800R.

Retractor blades for handles BT799R and BT800R.

Tiefe / Depth	Breite / Width 14 mm	18 mm	22 mm	26 mm	30 mm	40 mm	50 mm
55 mm	BT801R	BT802R	BT803R	BT804R	BT805R		
75 mm	BT806R	BT807R	BT808R	BT809R	BT810R		
95 mm	BT811R	BT812R	BT813R	BT814R	BT815R		
115 mm	BT816R	BT817R	BT818R	BT819R	BT820R		
135 mm						BT821R	
145 mm							BT822R

INCHES

Vario-Wundhaken-System mit integriertem Kaltlicht, zur zusätzlichen, intensiven Ausleuchtung des Operationsfeldes, speziell bei komplizierten, in die Tiefe gehenden Eingriffen.
Zu verwenden mit Aesculap Lichtquellen.
Vario retractor system with integrated cold light, for additional intensive illumination of deep and complicated operation fields.
To be used with Aesculap light sources.

1/2

Griffstellung variabel
Handle arrangement variable

BT800R
Handgriff mit Kaltlichtleiter, zur Aufnahme von Wundhakenblätter
Handle with cold light carrier for retractor blades
280 mm, 11"

1/2

BT799R
Handgriff mit Kaltlichtleiter, zur Aufnahme von Wundhakenblättern
Handle with cold light carrier for retractor blades
180 mm, 7"

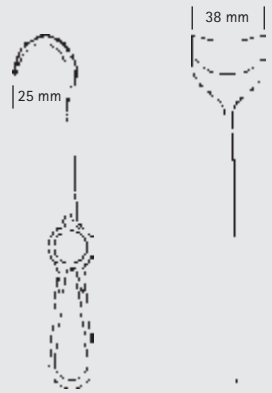
Wundhaken – Wound Retractors

Wundhaken, Lungenspatel

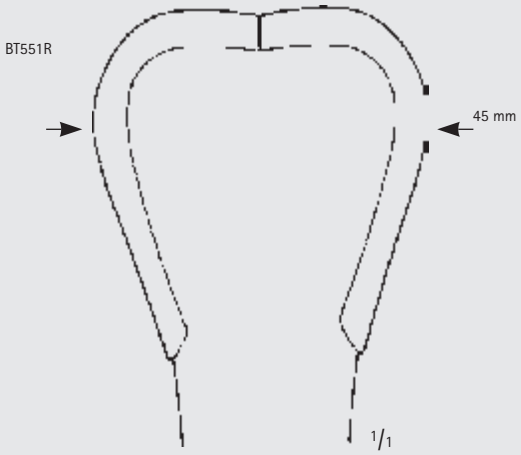
Retractors, Lung Spatulas

Maßangaben für Blattgrößen der Wundhaken
1. Zahl = Tiefe Beispiel: 25 x 38 mm
2. Zahl = Breite

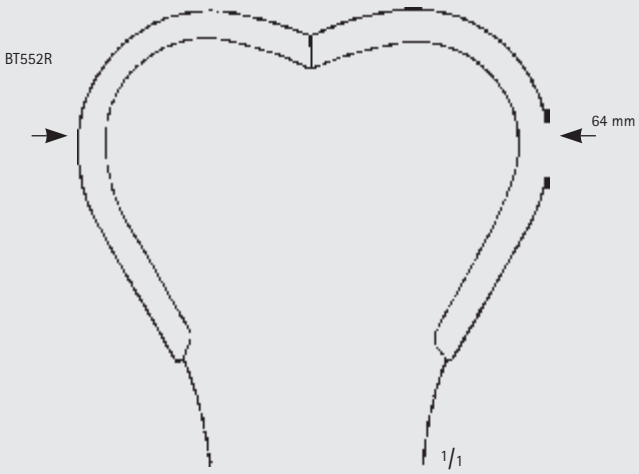
Dimensions for blade size of retractors
1st number = depth Example: 25 x 38 mm
2nd number = width



1/2



1/1

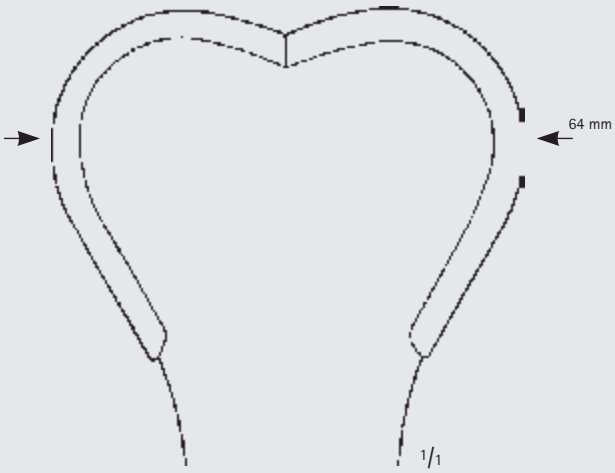


1/1

HARRINGTON

BT551R	123 x 45 mm
BT552R	123 x 64 mm

federnd
flexible
295 mm, 11 3/4"



HARRINGTON-PEMBERTON

BT553R

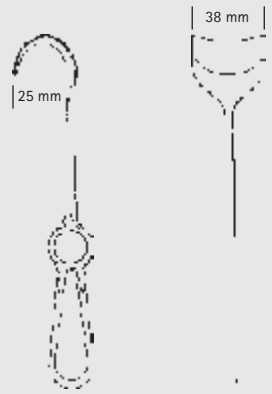
175 x 64 mm
federnd
flexible

Wundhaken – Wound Retractors

Lungenspatel
Lung Spatulas

Maßangaben für Blattgrößen der Wundhaken
1. Zahl = Tiefe Beispiel: 25 x 38 mm
2. Zahl = Breite

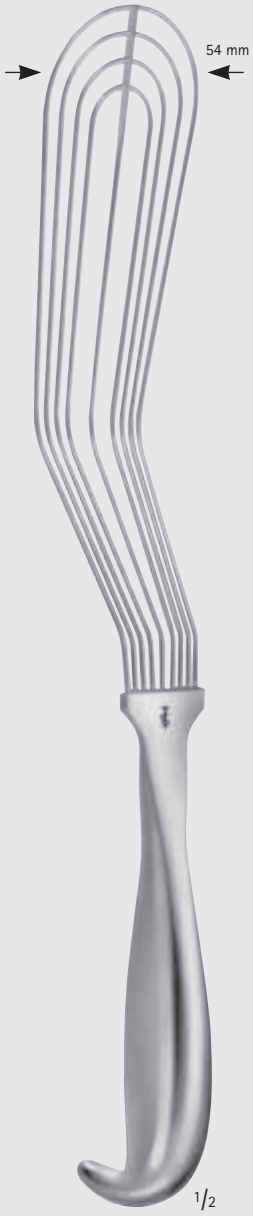
Dimensions for blade size of retractors
1st number = depth Example: 25 x 38 mm
2nd number = width



ALLISON

BT559R

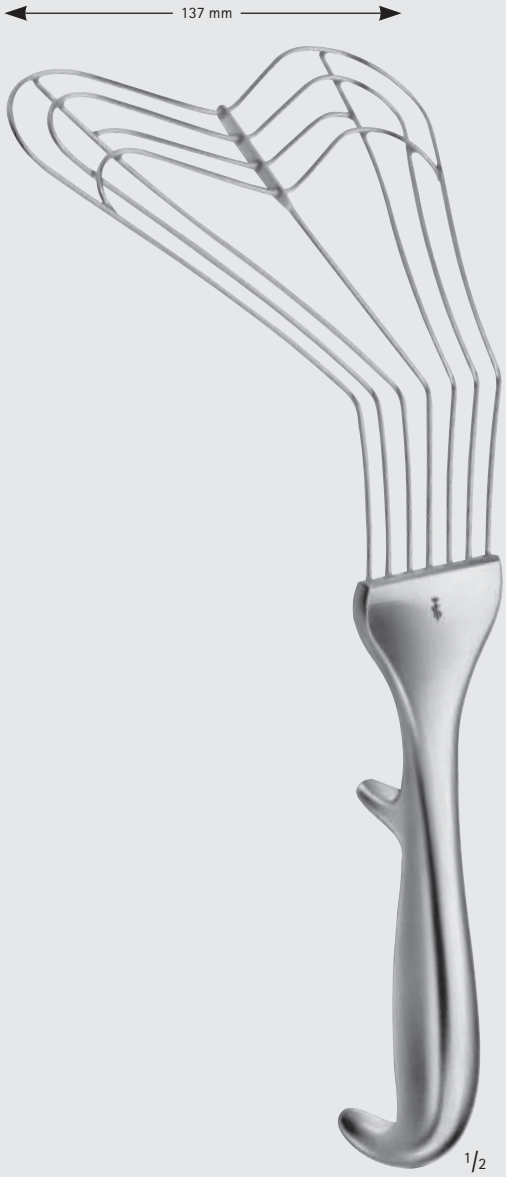
255 mm, 10"



ALLISON

BT560R

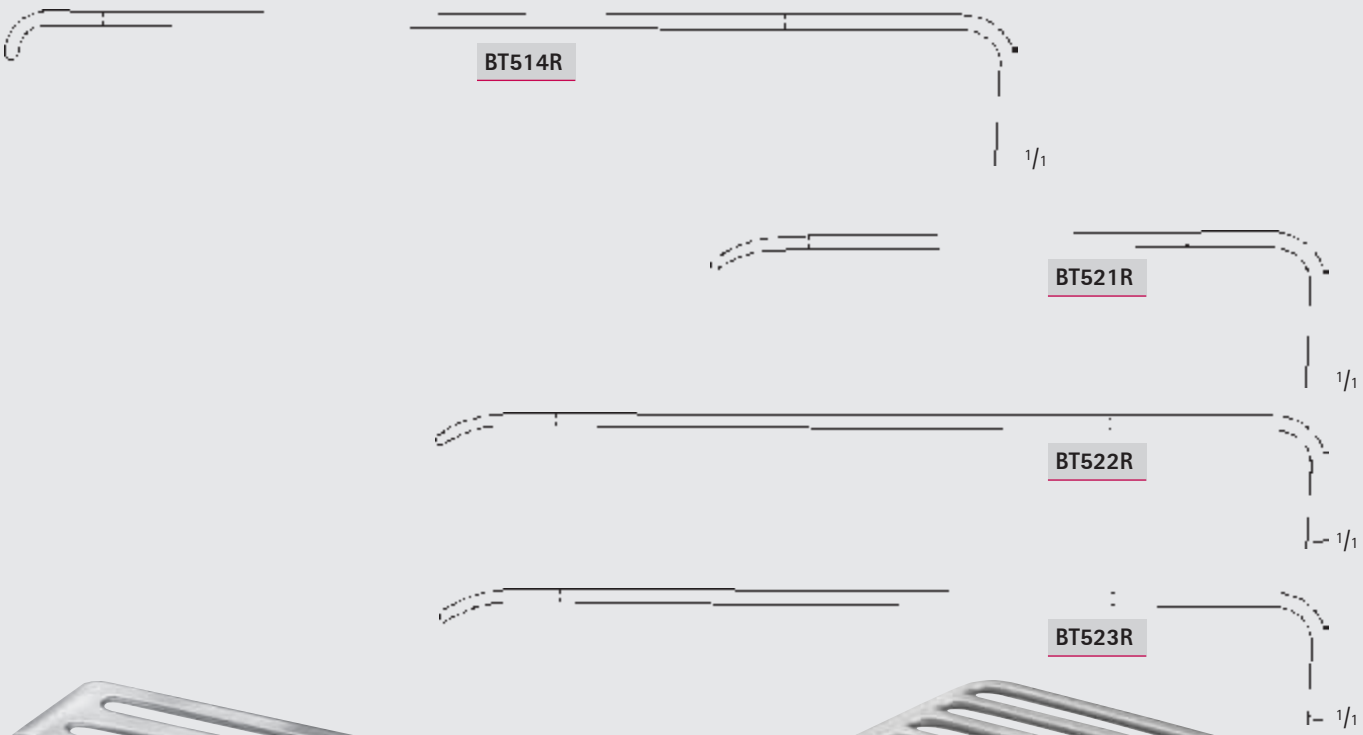
320 mm, 12 3/4"



ALLISON

BT561R

300 mm, 12"



SAUERBRUCH

BT514R

260 mm, 10 1/4"

CORYLLOS

BT521R–BT523R

255 mm, 10"

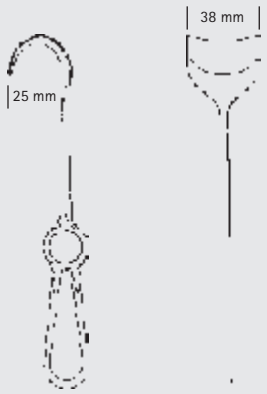
Wundhaken – Wound Retractors

Scapula Haken

Scapula Retractor

Maßangaben für Blattgrößen der Wundhaken
1. Zahl = Tiefe Beispiel: 25 x 38 mm
2. Zahl = Breite

Dimensions for blade size of retractors
1st number = depth Example: 25 x 38 mm
2nd number = width



DAVIDSON

BT531R

195 mm, 7 3/4"

1/1
BT594R
36 x 8 mm

1/1
BT595R
60 x 12 mm

1/1
BT596R
75 x 12 mm

1/1
BT597R
120 x 12 mm

1/2

ZENKER
BT594R
240 mm, 9 1/2"

ZENKER
BT595R
255 mm, 10"

ZENKER
BT596R
270 mm, 10 3/4"

ZENKER
BT597R
290 mm, 11 1/2"

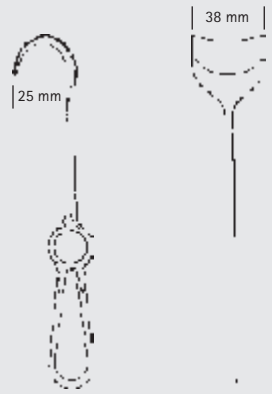
MILLIMETERS

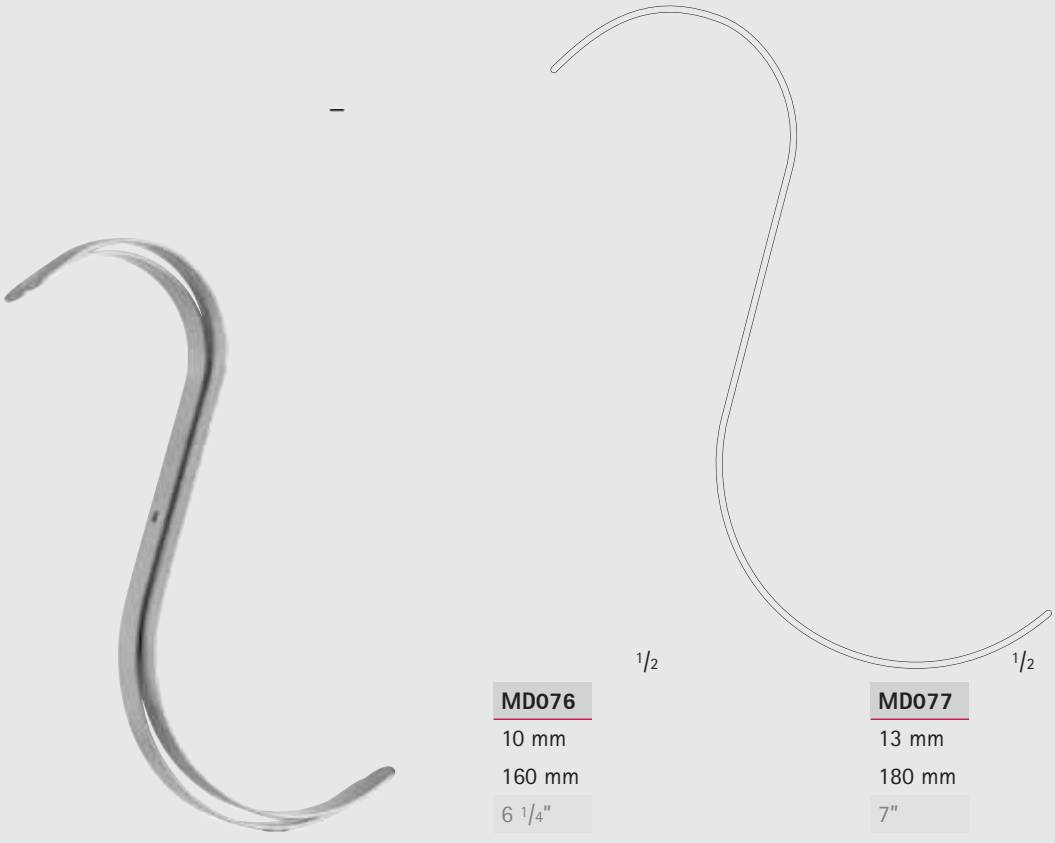
Wundhaken – Wound Retractors

Wundhaken
Retractors

Maßangaben für Blattgrößen der Wundhaken
1. Zahl = Tiefe Beispiel: 25 x 38 mm
2. Zahl = Breite

Dimensions for blade size of retractors
1st number = depth Example: 25 x 38 mm
2nd number = width





HASSON

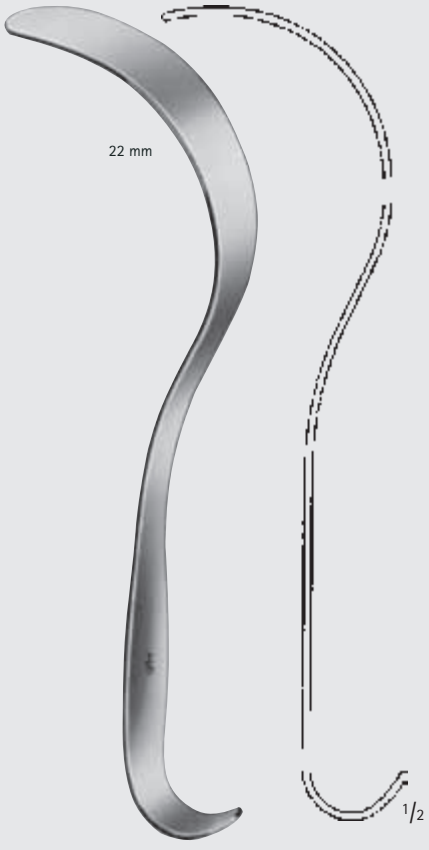
MD076-MD077

MD076	MD077
10 mm	13 mm
160 mm	180 mm
6 1/4"	7"

DEAVER

BT600R

180 mm, 7"
Fig. 000



DEAVER

BT601R

215 mm, 8 1/2"
Fig. 00

DEAVER

BT606R

235 mm, 9 1/4"
Fig. 0

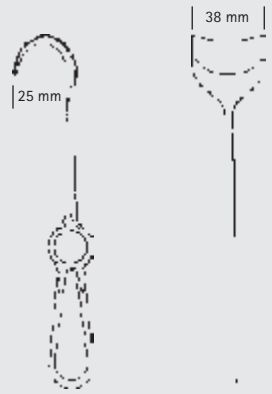
Wundhaken – Wound Retractors

Wundhaken

Retractors

Maßangaben für Blattgrößen der Wundhaken
1. Zahl = Tiefe Beispiel: 25 x 38 mm
2. Zahl = Breite

Dimensions for blade size of retractors
1st number = depth Example: 25 x 38 mm
2nd number = width



DEAVER

BT602R

Fig. 1
300 mm, 12"

DEAVER

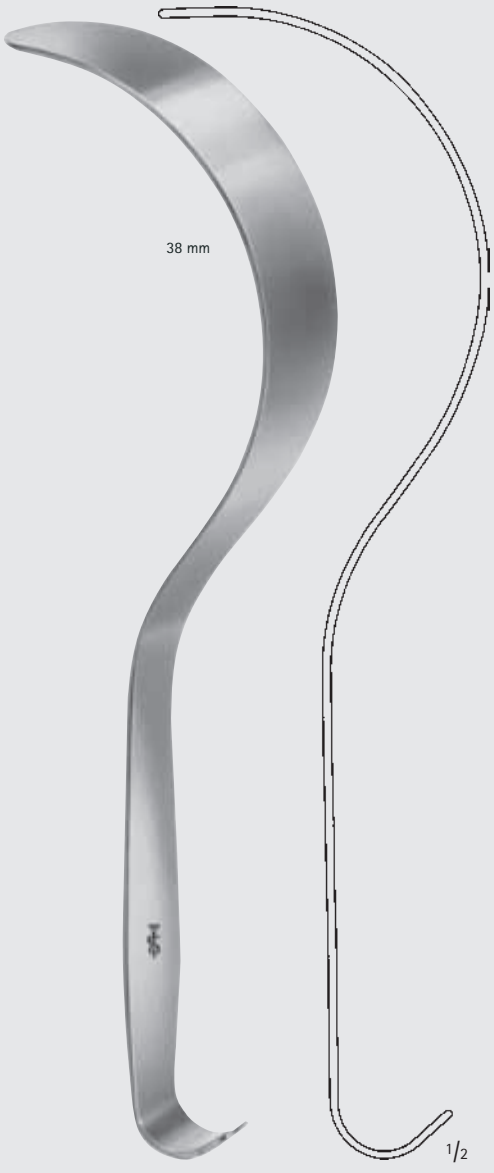
BT603R

Fig. 2
315 mm, 12 1/2"

DEAVER

BT607R

Fig. 2 1/2
365 mm, 14 1/2"



DEAVER

BT604R

Fig. 3
300 mm, 12"

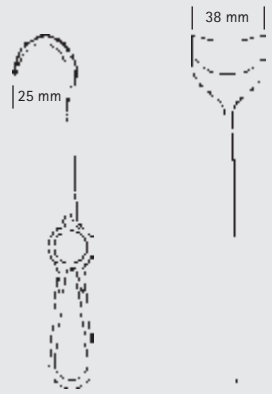
Wundhaken – Wound Retractors

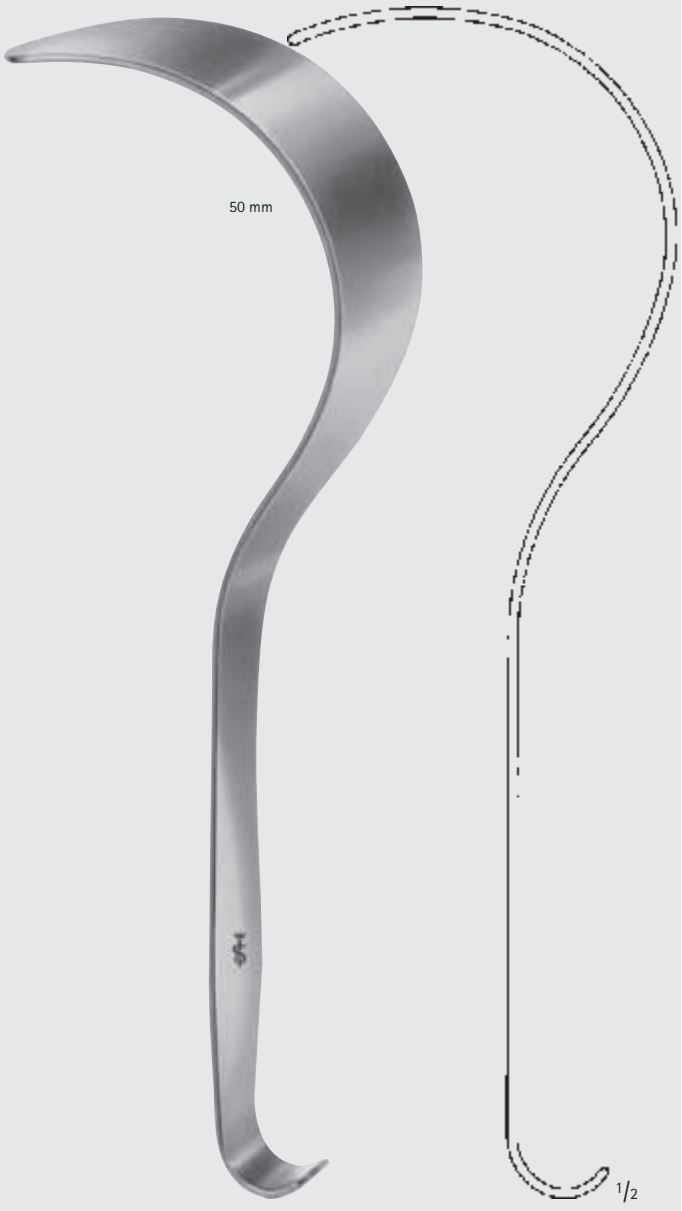
Wundhaken

Retractors

Maßangaben für Blattgrößen der Wundhaken
1. Zahl = Tiefe Beispiel: 25 x 38 mm
2. Zahl = Breite

Dimensions for blade size of retractors
1st number = depth Example: 25 x 38 mm
2nd number = width

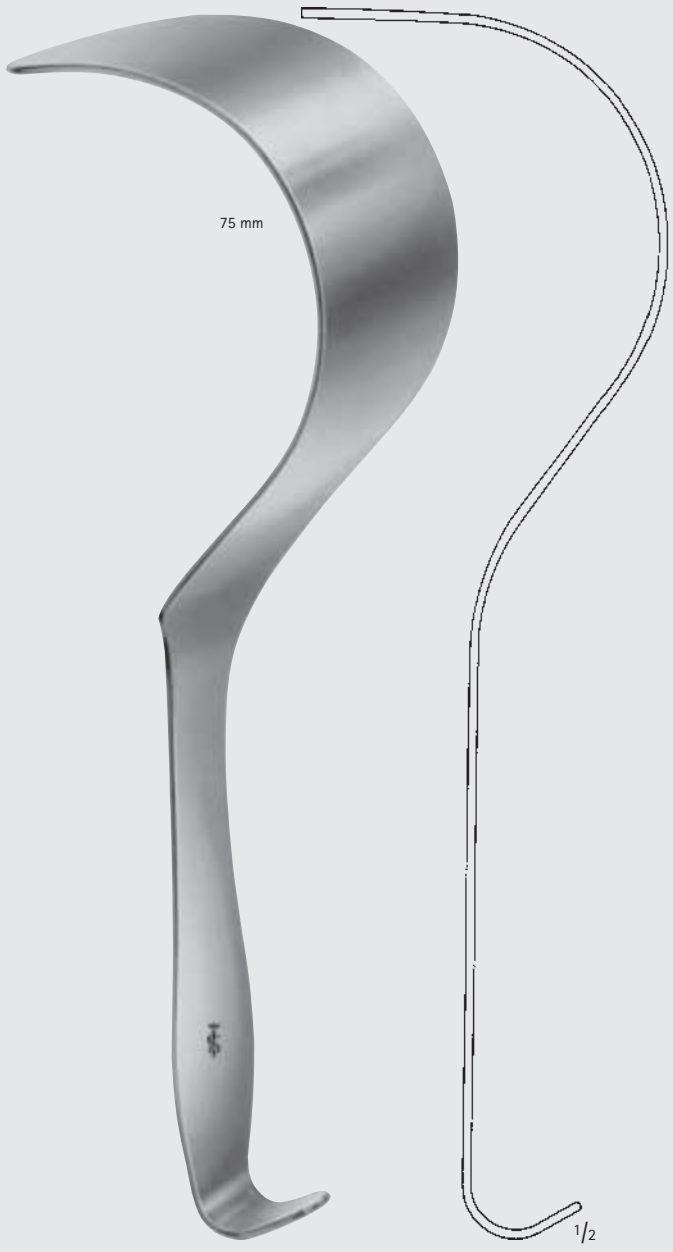




DEAVER

BT605R

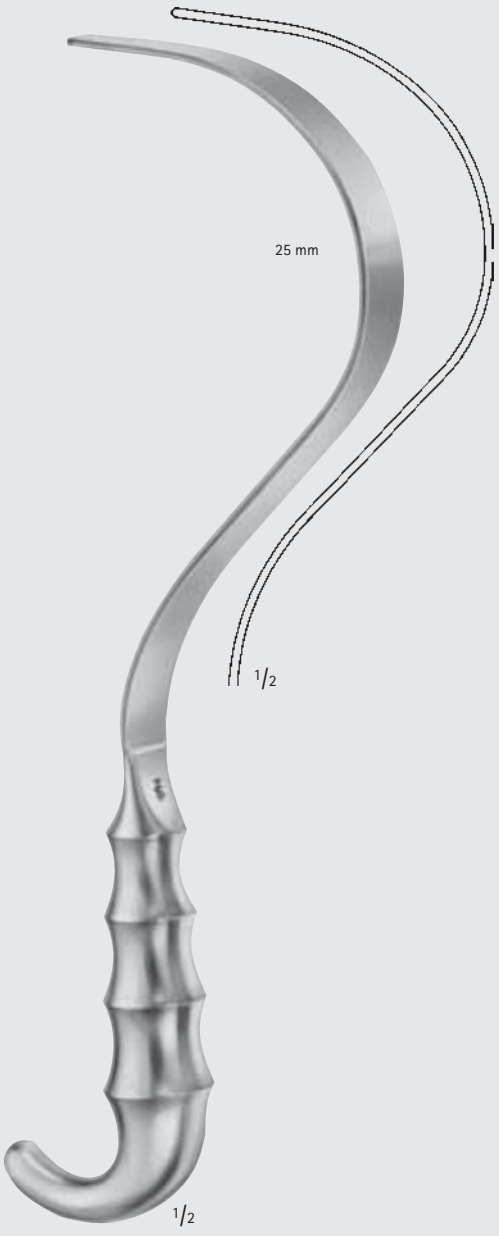
Fig. 4
310 mm, 12 1/4"



DEAVER

BT608R

Fig. 5
320 mm, 12 3/4"



DEAVER

BT611R

Fig. 1
310 mm, 12 1/4"

DEAVER

BT613R

Fig. 3
310 mm, 12 1/4"

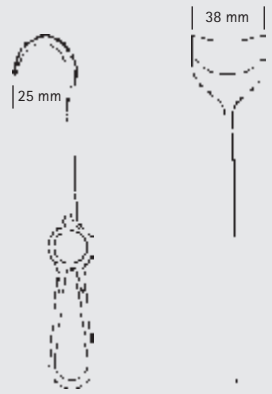
Wundhaken – Wound Retractors

Wundhaken

Retractors

Maßangaben für Blattgrößen der Wundhaken
1. Zahl = Tiefe Beispiel: 25 x 38 mm
2. Zahl = Breite

Dimensions for blade size of retractors
1st number = depth Example: 25 x 38 mm
2nd number = width



DEAVER

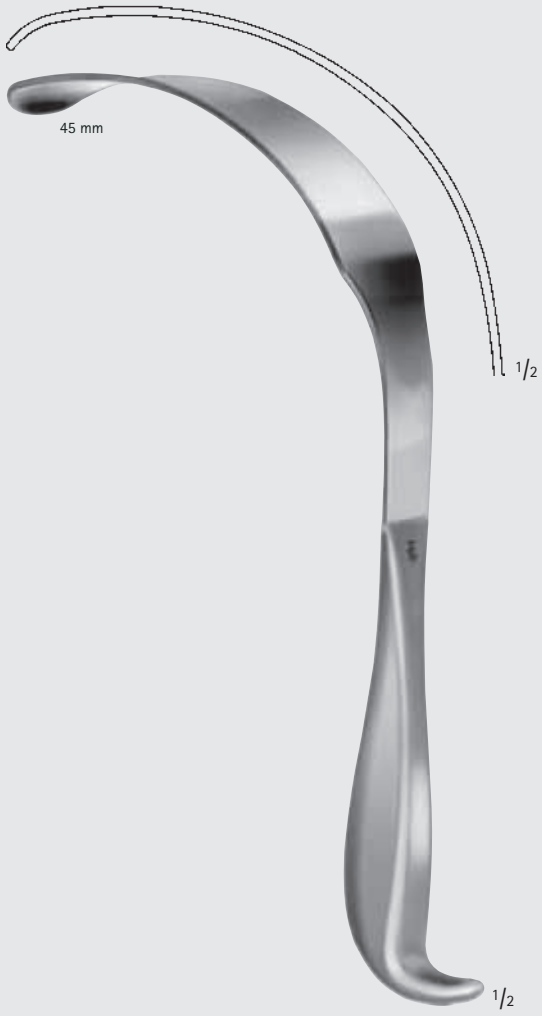
BT614R

Fig. 4
305 mm, 12"

DEAVER

BT615R

Fig. 5
310 mm, 12 1/4"



LERICHE

BT730R

255 mm, 10"

LERICHE

BT732R

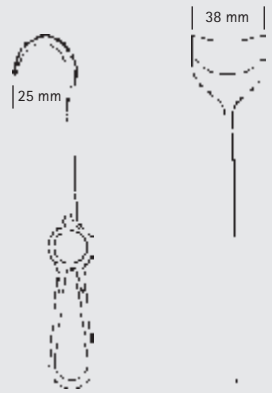
275 mm, 10 3/4"

Wundhaken – Wound Retractors

Wundhaken
Retractors

Maßangaben für Blattgrößen der Wundhaken
1. Zahl = Tiefe Beispiel: 25 x 38 mm
2. Zahl = Breite

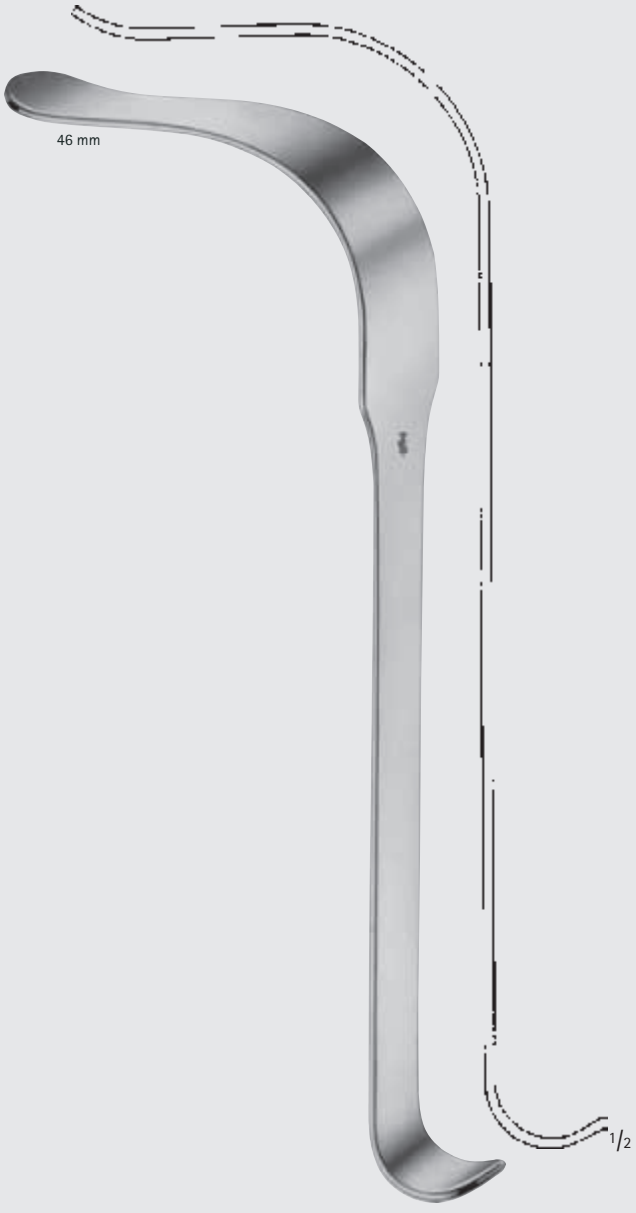
Dimensions for blade size of retractors
1st number = depth Example: 25 x 38 mm
2nd number = width



KÜMMEL

BT740R

biegsam
malleable
285 mm, 11 1/4"



KÖRTE

BT742R

300 mm, 12"

MIKULICZ

BT618R

255 mm, 10"

MIKULICZ

BT621R

240 mm, 9 1/2"

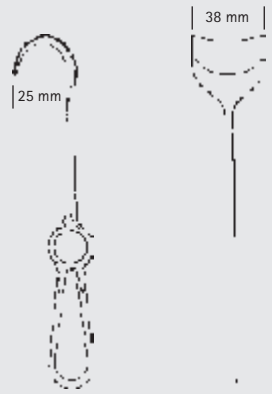
Wundhaken – Wound Retractors

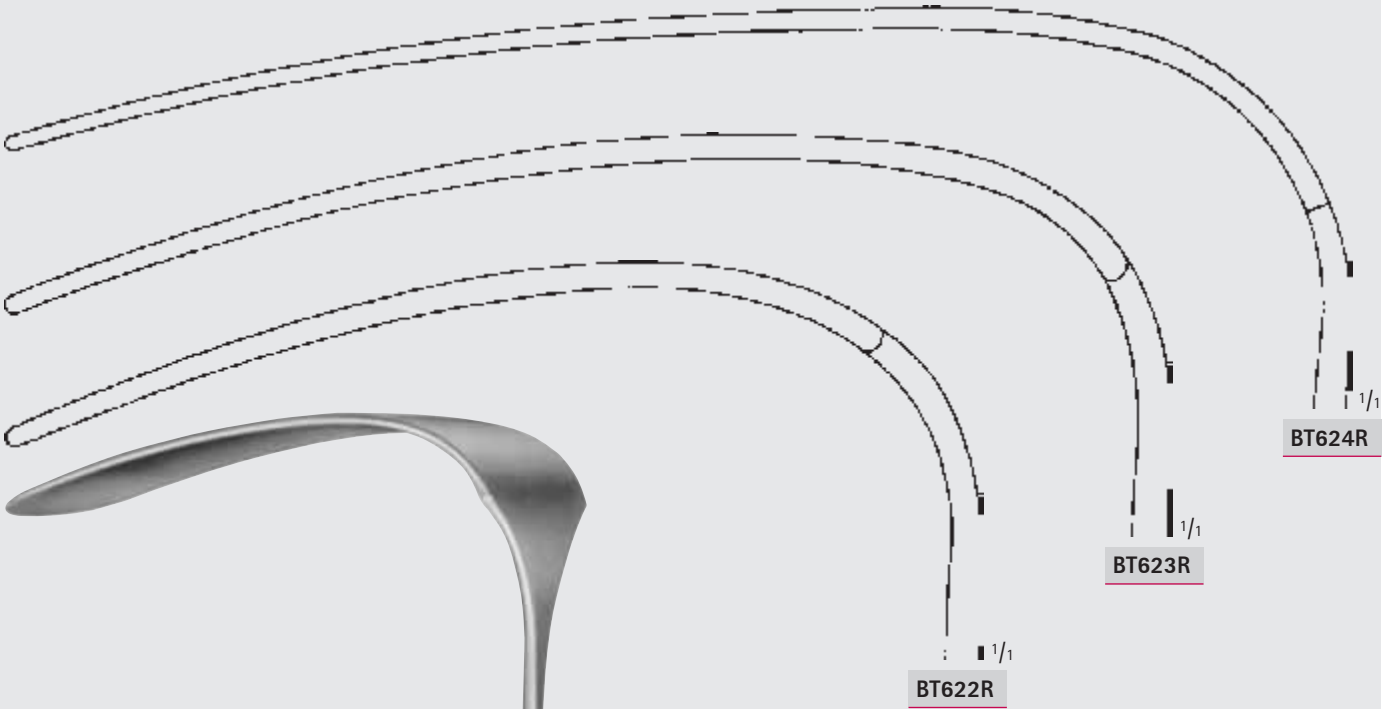
Wundhaken für Eingriffe in der Tiefe (Bauchdeckenhaken)

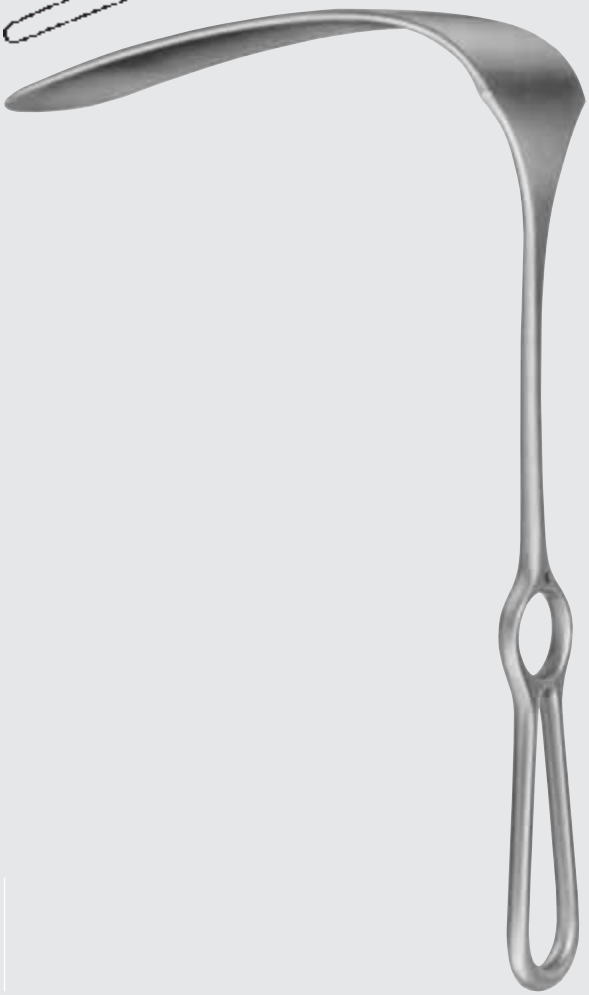
Retractors for Deep Surgery (Abdominal Retractors)

Maßangaben für Blattgrößen der Wundhaken
1. Zahl = Tiefe Beispiel: 25 x 38 mm
2. Zahl = Breite

Dimensions for blade size of retractors
1st number = depth Example: 25 x 38 mm
2nd number = width

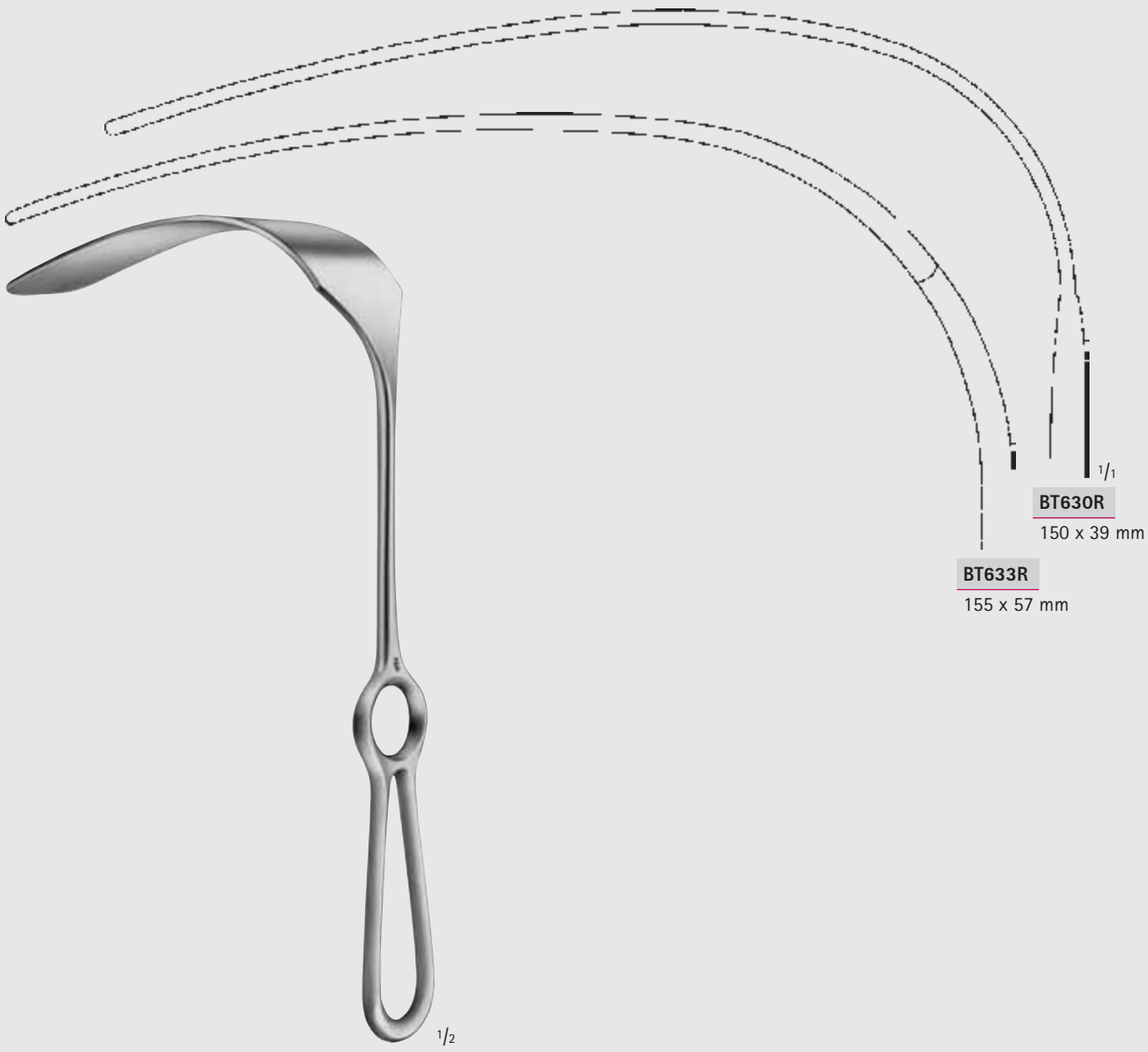






MIKULICZ

BT622R	250 mm	10"
BT623R	250 mm	10"
BT624R	260 mm	10 1/4"



BT630R
150 x 39 mm

BT633R
155 x 57 mm

KELLY

BT630R–BT633R
260 mm, 10 1/4"

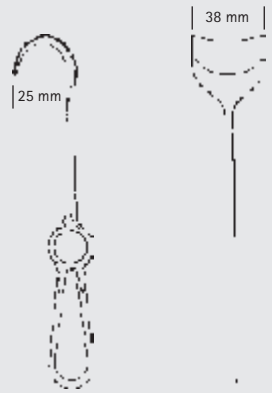
Wundhaken – Wound Retractors

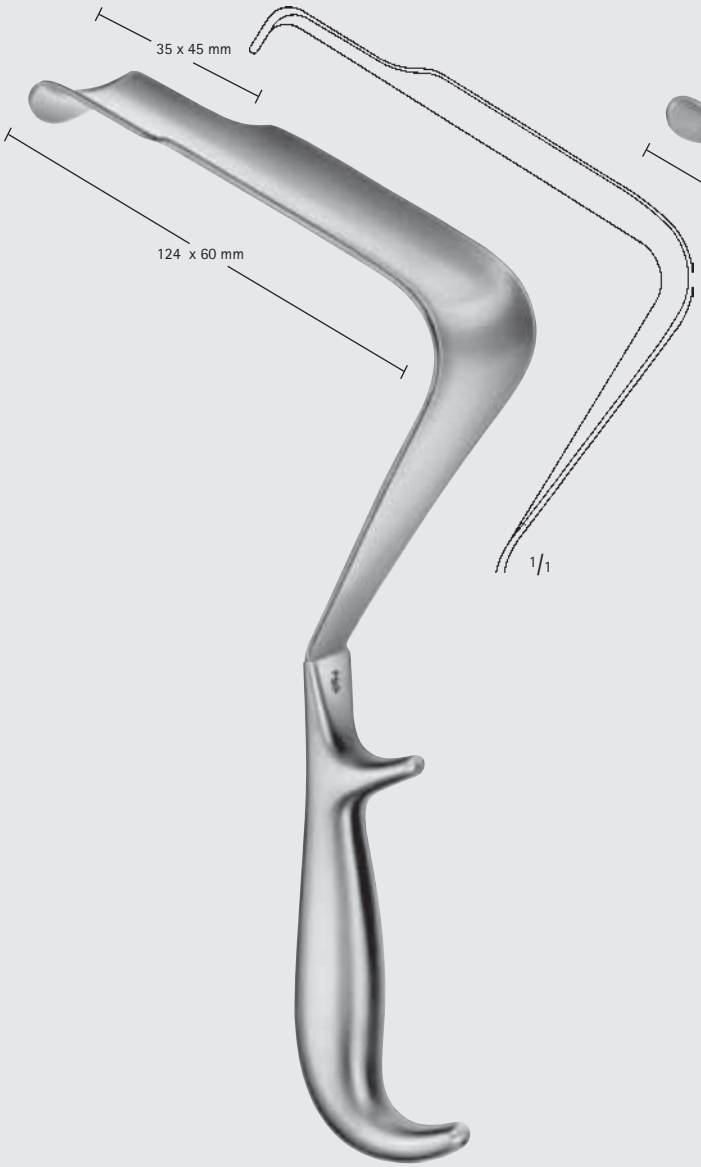
Pelvishaken

Pelvis Retractors

Maßangaben für Blattgrößen der Wundhaken
1. Zahl = Tiefe Beispiel: 25 x 38 mm
2. Zahl = Breite

Dimensions for blade size of retractors
1st number = depth Example: 25 x 38 mm
2nd number = width

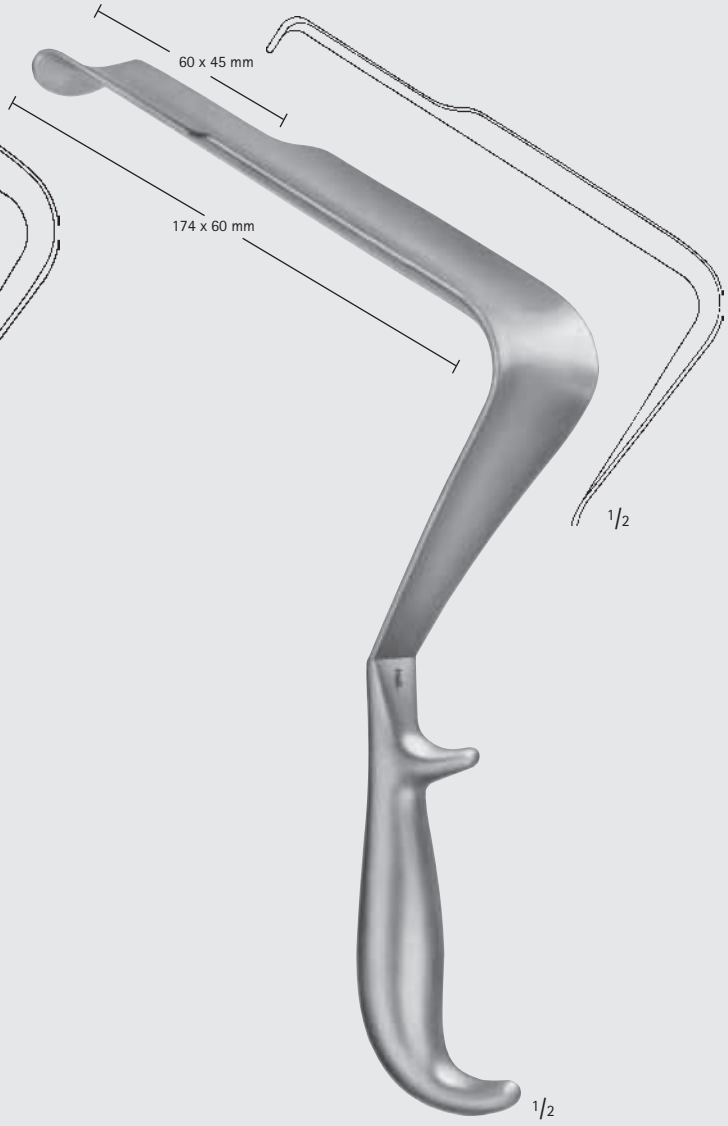




ST. MARKS

BT670R

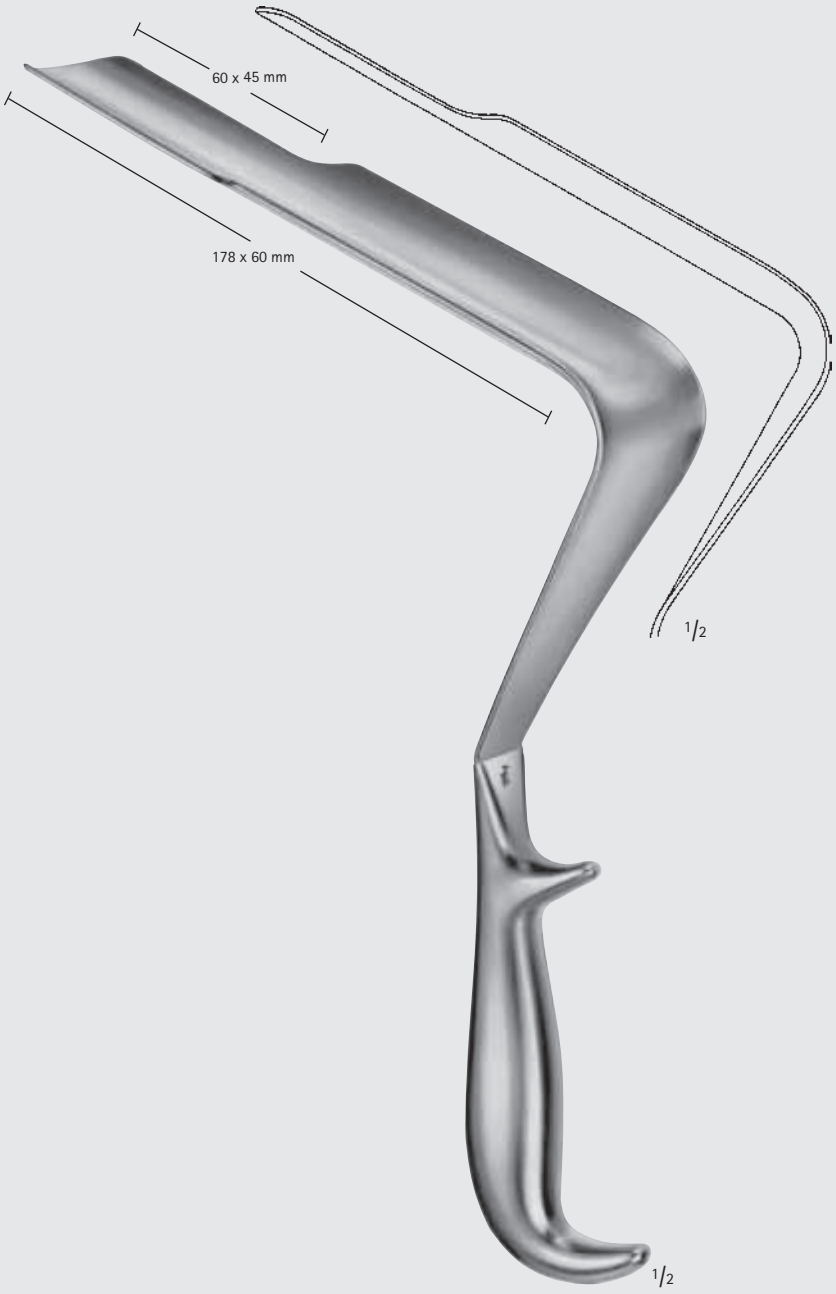
290 mm, 11 1/2"



ST. MARKS

BT672R

330 mm, 13 1/8"



ST. MARKS

BT674R

330 mm, 13 1/8"

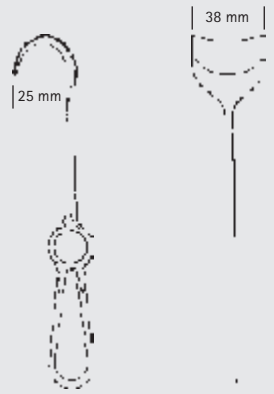
Wundhaken – Wound Retractors

Wundhaken

Retractors

Maßangaben für Blattgrößen der Wundhaken
1. Zahl = Tiefe Beispiel: 25 x 38 mm
2. Zahl = Breite

Dimensions for blade size of retractors
1st number = depth Example: 25 x 38 mm
2nd number = width



MÜLLER

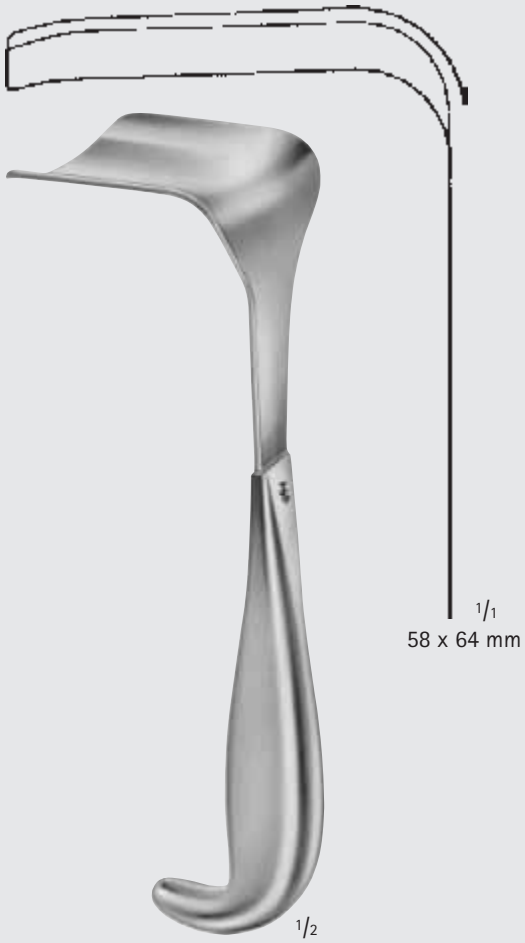
BT626R

270 mm, 10 3/4"

TUDOR-EDWARDS

BT500R

205 mm, 8"



TUFFIER

BT617R

215 mm, 8 1/2"

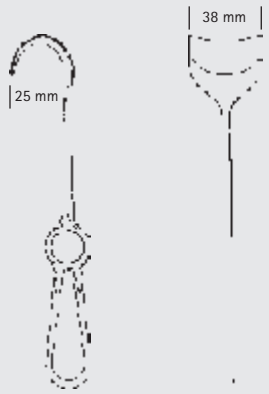
Wundhaken – Wound Retractors

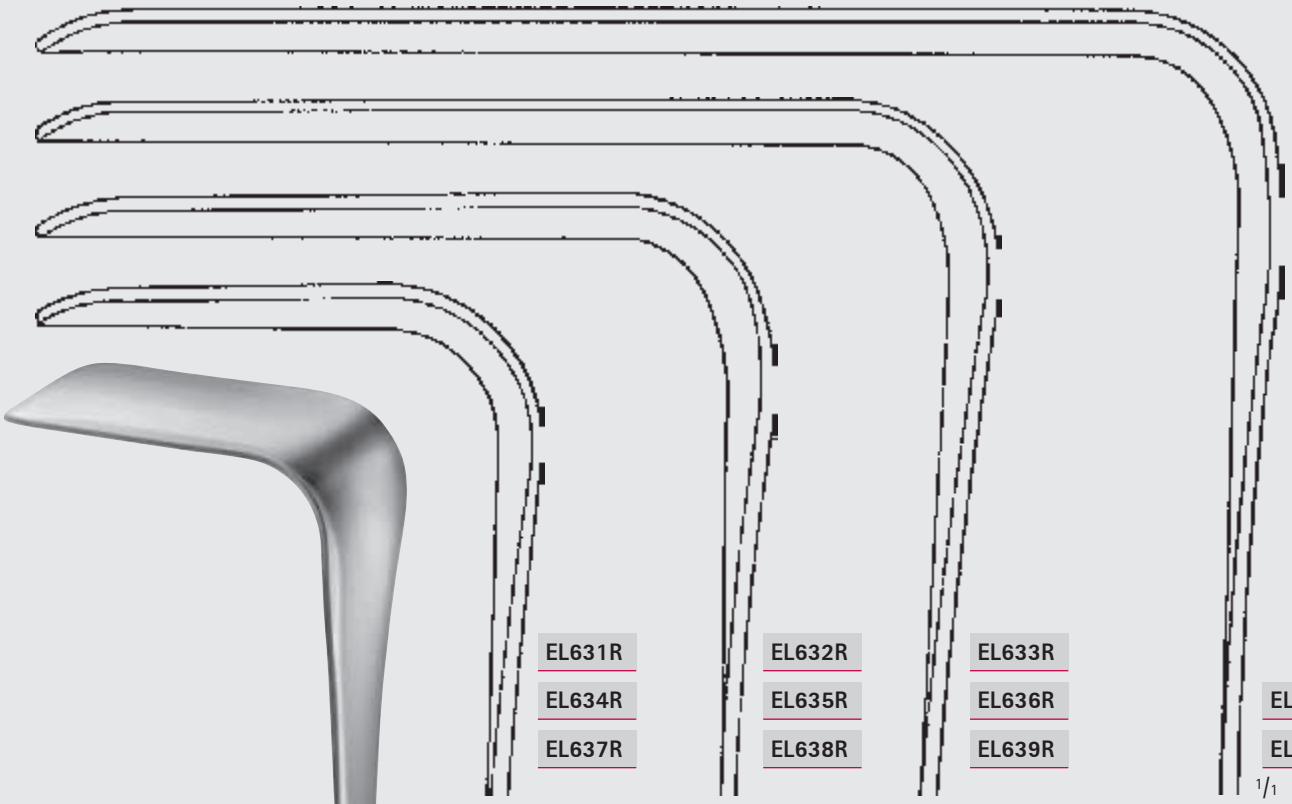
Wundhaken, Bauchdeckenhaken

Retractors, Abdominal Retractors

Maßangaben für Blattgrößen der Wundhaken
1. Zahl = Tiefe Beispiel: 25 x 38 mm
2. Zahl = Breite

Dimensions for blade size of retractors
1st number = depth Example: 25 x 38 mm
2nd number = width





EL631R EL632R EL633R EL642R
EL634R EL635R EL636R EL644R
EL637R EL638R EL639R

1/1

1/2

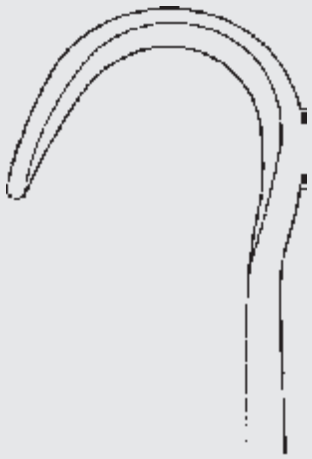
Länge / Length	Breite / Width		
	35 mm	45 mm	60 mm
60 mm	EL631R	EL634R	EL637R
90 mm	EL632R	EL635R	EL638R
120 mm	EL633R	EL636R	EL639R
160 mm		EL642R	EL644R

DOYEN

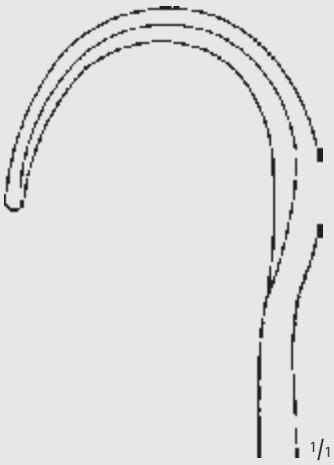
EL631R-EL644R

240 mm, 9 1/2"

INCHES

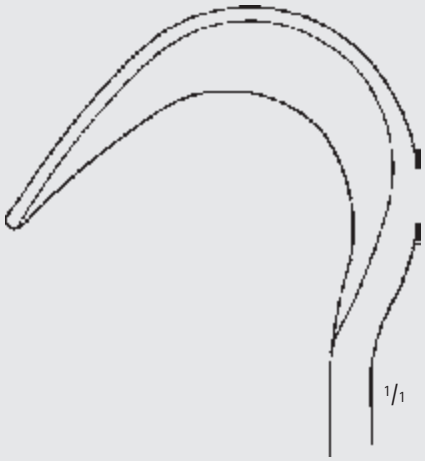


BT655R
Fig. 1
32 x 40 mm



BT656R
Fig. 2
34 x 50 mm

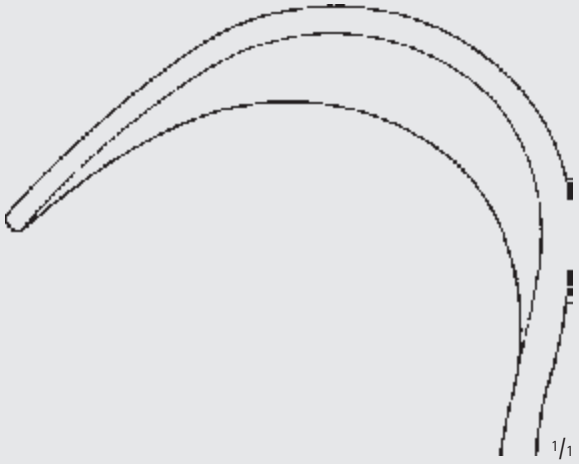
BT657R
Fig. 3
41 x 60 mm



BT658R
Fig. 4
46 x 75 mm

FRITSCH

BT655R–BT659R
235 mm, 9 1/4"



BT659R
Fig. 5
64 x 85 mm

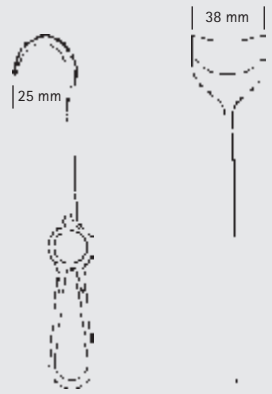
Wundhaken – Wound Retractors

Wundhaken, Bauchdeckenhaken

Retractors, Abdominal Retractors

Maßangaben für Blattgrößen der Wundhaken
1. Zahl = Tiefe Beispiel: 25 x 38 mm
2. Zahl = Breite

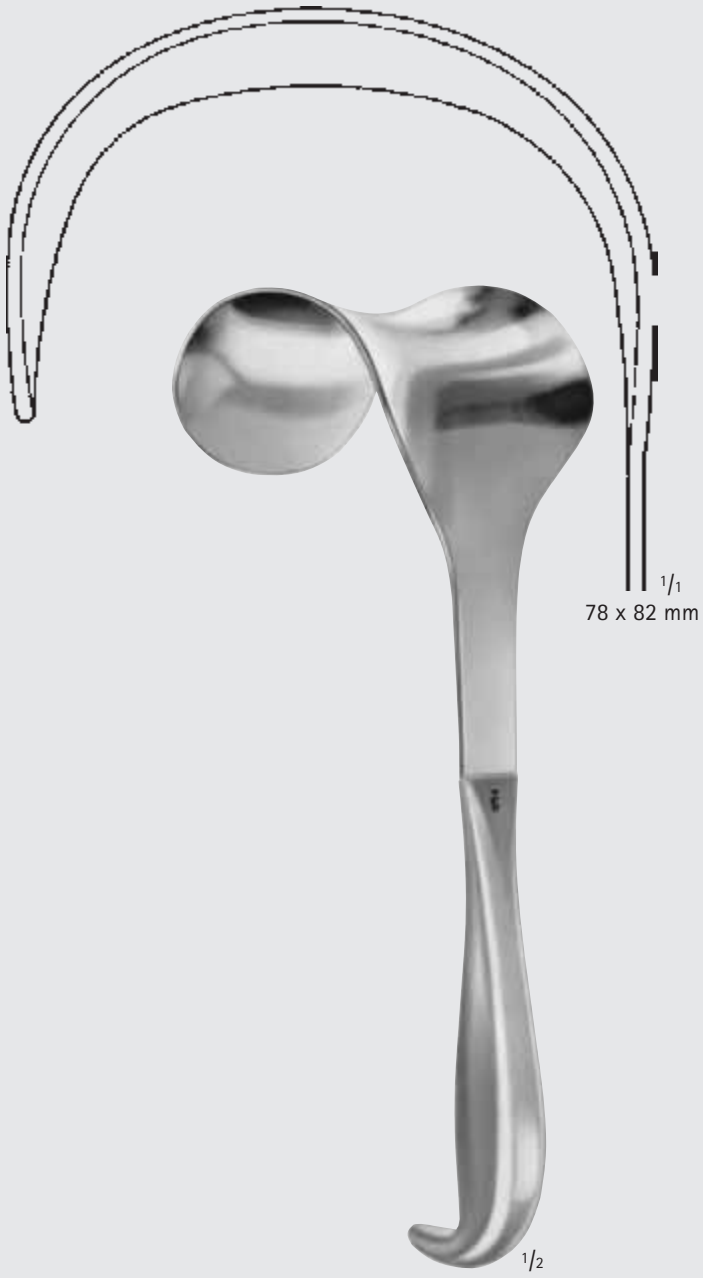
Dimensions for blade size of retractors
1st number = depth Example: 25 x 38 mm
2nd number = width



DOYEN

BT667R

250 mm, 10"



DOYEN

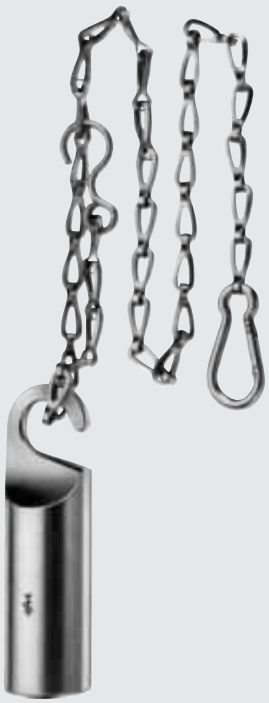
BT669R

260 mm, 10 1/4"

DOYEN

BT721R	48 x 90 mm
BT723R	48 x 105 mm
BT724R	48 x 120 mm
BT725R	48 x 135 mm

280 mm, 11″



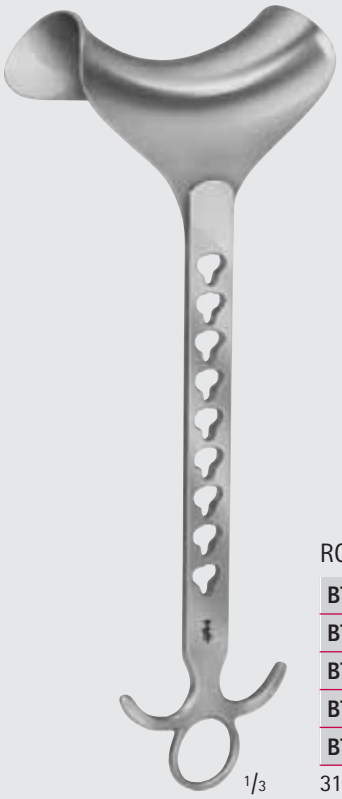
BT703R

Kette (BT704R) mit Gewicht (EL747R/645 g)
Chain (BT704R) with weight (EL747R/645 g)
790 mm, 31″

Wundhaken – Wound Retractors

Bauchdeckenhaken

Abdominal Retractors

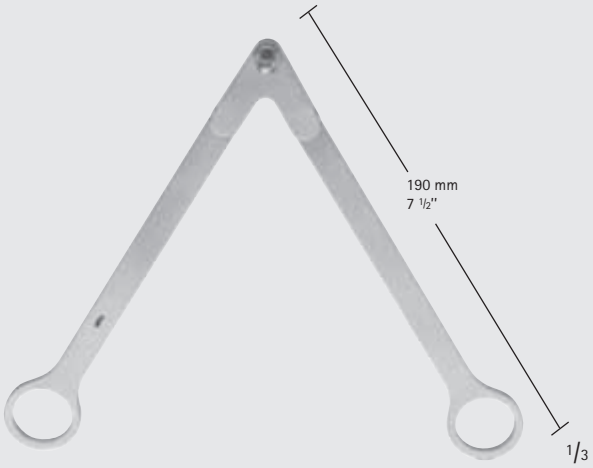


1/3

ROCHARD

BT711R	48 x 90 mm
BT712R	48 x 105 mm
BT713R	48 x 120 mm
BT714R	48 x 135 mm
BT715R	48 x 155 mm

310 mm, 12 1/4"



1/3

ROCHARD

BT710R

Fixiervorrichtung für
BT711R - BT715R

Fixation device for
BT711R - BT715R

190 mm, 8"

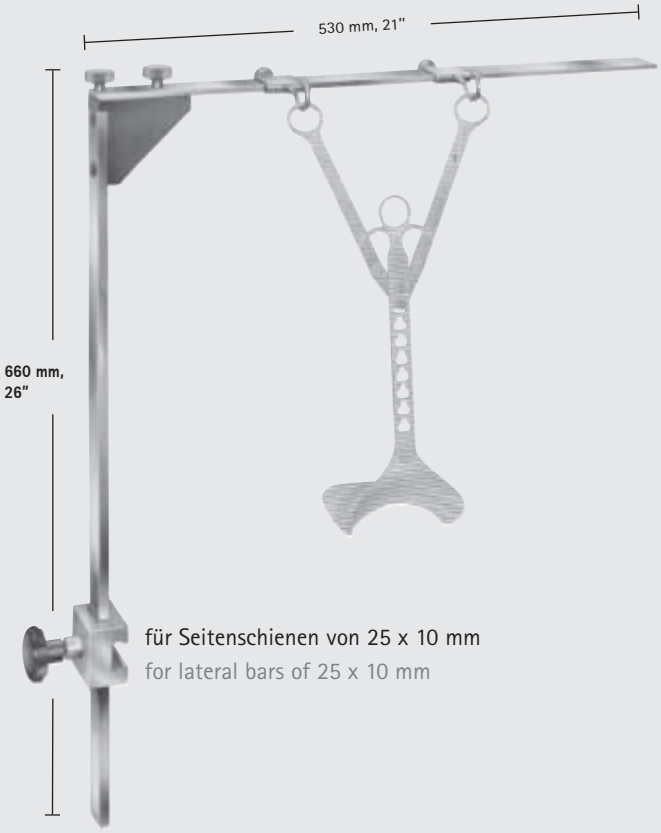
1/3

ROCHARD

BT710R-BT711R

INCHES

Befestigungsgestelle zu verwenden mit:
BT710R Fixiervorrichtung und
BT711R - BT715R ROCHARD Bauchdeckenhalter
Mounting frames to be used with:
BT710R Fixation device and
BT711R - BT715R ROCHARD abdominal retractors

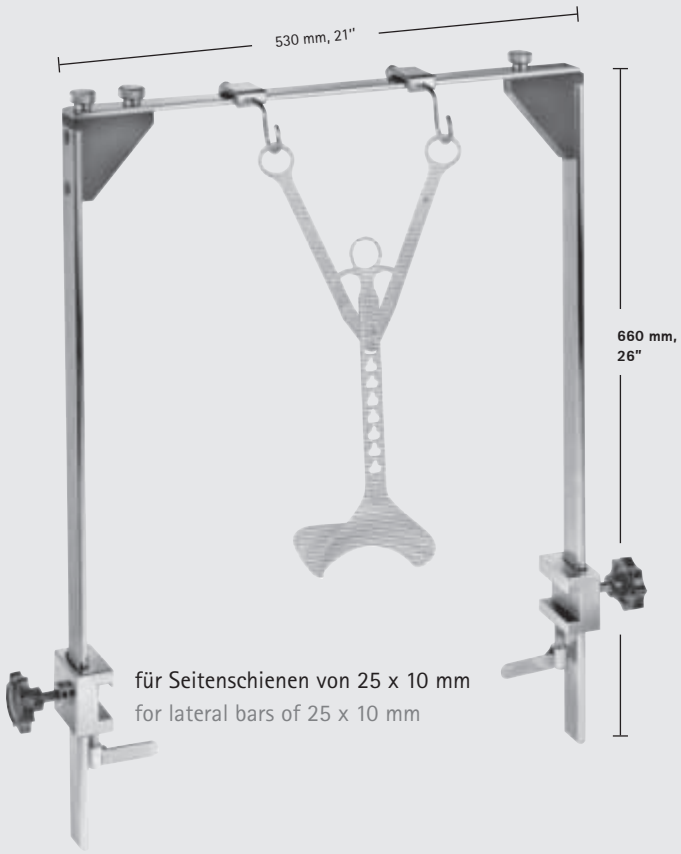


für Seitenschienen von 25 x 10 mm
for lateral bars of 25 x 10 mm

ROCHARD

BT709R

Befestigungsgestell zur Fixierung an den Seitenschienen der OP-Tische, zerlegbar zur Aufbereitung und Sterilisation.
Mounting frame for fastening to the lateral bars of the operating tables, can be dismantled for decontamination and sterilization.



für Seitenschienen von 25 x 10 mm
for lateral bars of 25 x 10 mm

ROCHARD

BT708R

Befestigungsgestell mit beidseitiger Fixierung an den Seitenschienen der OP-Tische, dadurch mehr Stabilität, zur Aufbereitung und Sterilisation zerlegbar.
Mounting frame for fastening to both sides of the is given, can be dismantled for decontamination and sterilization.

Wundhaken – Wound Retractors

Bauch- und Darmspatel

Abdominal and Intestinal Spatulas

REVERDIN

BT749R

285 mm, 11 1/4"

HABERER

BT758R

biegsam
malleable
305 mm, 12"

RIBBON

BT756R	25 mm
BT761R	30 mm
BT762R	40 mm
BT763R	50 mm

biegsam
malleable
330 mm, 13 1/8"

TUFFIER

BT750R

biegsam
malleable
200 mm, 8"

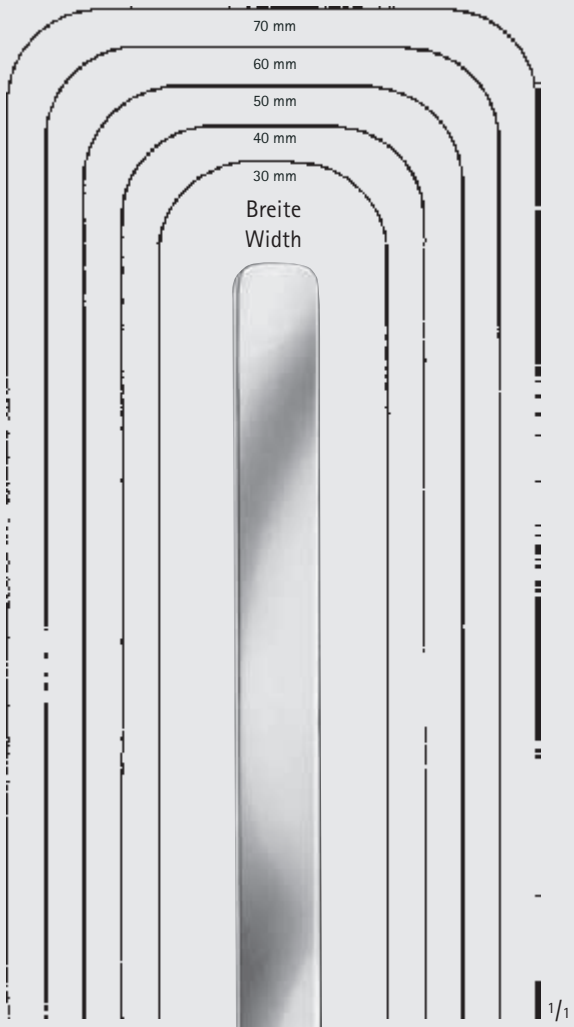
BT751R	12 mm	200 mm	8"
BT752R	17 mm	200 mm	8"
BT755R	25 mm	250 mm	10"

biegsam
malleable

KADER

BT746R	30 mm
BT747R	40 mm

270 mm, 10 3/4"



BT773R	30 mm
BT774R	40 mm
BT775R	50 mm
BT776R	60 mm
BT777R	70 mm

410 mm, 16"

Wundhaken – Wound Retractors

Prostata- und Urethra-Retraktoren
Prostate- and Urethral Retractors

BT680R

Prostata-Retraktor

Prostate retractor

360 mm, 14 3/8"

BT681R

Urethra-Retraktor

Urethral retractor

390 mm, 15 1/2"

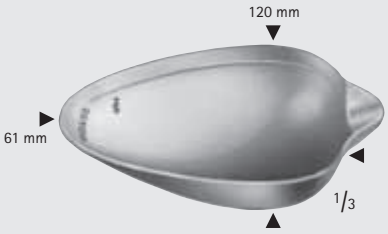
KOCHER

BT795R

Kropflöffel

Depressor, spoon shaped

220 mm, 8 3/4"



BT780R

Blutschöpfer, 50 ccm

Blood scoop, 3 cu. inches

1
2
3
4
5
6
7
8
INCHES

BV

Wundspreizer, Bauchdeckenhalter
Self-Retaining Retractors, Abdominal Retractors

Wundspreizer, Bauchdeckenhalter – Self-Retaining Retractors, Abdominal Retractors

Wundspreizer
Self-Retaining Retractors

BOSE

FA001R

60 mm, 2 3/8"

FINSEN

BV001R

50 mm, 2"

FINSEN

BV002R

70 mm, 2 3/4"

FINSEN MODIF.

BV003R

75 mm, 3"

FINSEN

BV005R

70 mm, 2 3/4"

BV006R

45 mm, 1 3/4"

BV007R

55 mm, 2 1/8"

PARSONNET

BV014R

50 mm, 2"

BV008R

stumpf
blunt
100 mm, 4"

BV015R

scharf
sharp
100 mm, 4"

BV010R	BV011R
70 mm	100 mm
2 3/4"	4"

ALM

BV010R–BV011R

LOGAN
MODIF. REILL

BV013R

50 mm, 2"

Wundspreizer, Bauchdeckenhalter – Self-Retaining Retractors, Abdominal Retractors

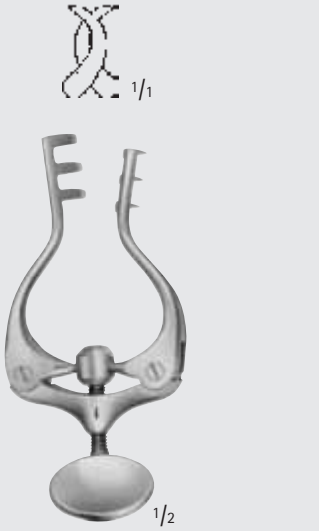
Wundspreizer, Lidsperrer

Self-Retaining Retractors, Lid Retractors

ALLPORT

BV028R

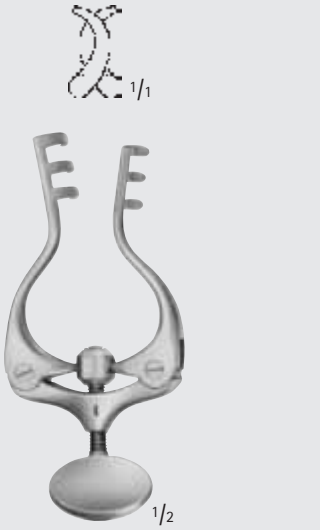
95 mm, 3 3/4"



JANSEN

BV030R

100 mm, 4"



JANSEN

BV032R

100 mm, 4"

JANSEN

BV033R

100 mm, 4"

BARRAQUER

OA200R

45 mm, 1 3/4"

SAUER

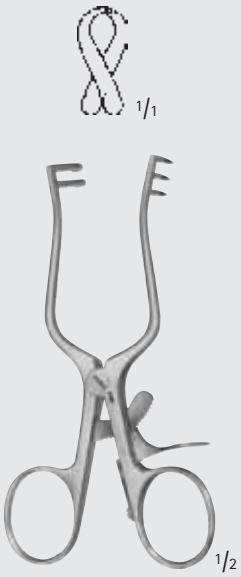
OA218R

35 mm, 1 3/8"

LANCASTER

OA225R

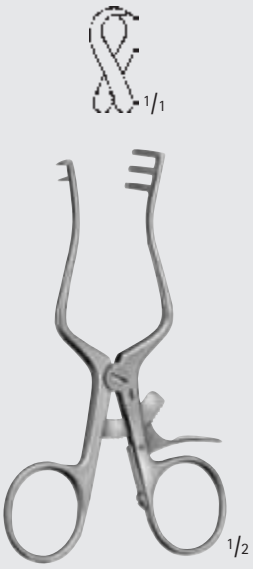
80 mm, 3 1/8"



WEITLANER

BV070R

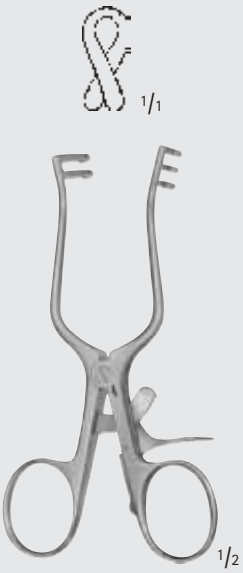
scharf
sharp
110 mm, 4 3/8"



WEITLANER

BV066R

halbscharf
semi-sharp
110 mm, 4 3/8"



WEITLANER

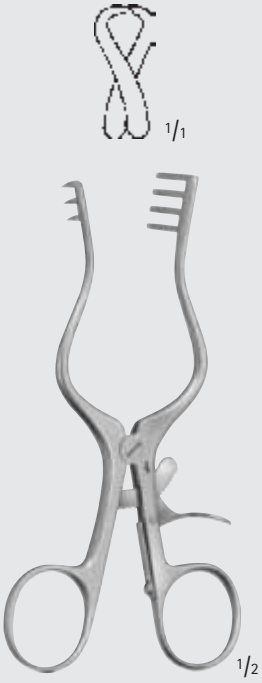
BV073R

stumpf
blunt
110 mm, 4 3/8"

WEITLANER

BV071R

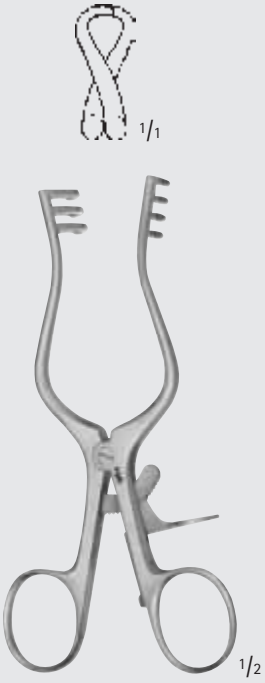
scharf
sharp
130 mm, 5 1/8"



WEITLANER

BV067R

halbscharf
semi-sharp
130 mm, 5 1/8"



WEITLANER

BV074R

stumpf
blunt
130 mm, 5 1/8"

Wundspreizer, Bauchdeckenhalter – Self-Retaining Retractors, Abdominal Retractors

Wundspreizer
Self-Retaining Retractors

WEITLANER

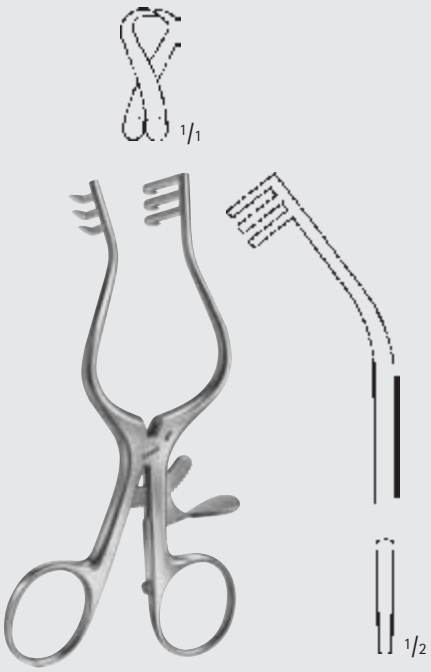
BV101R

scharf
sharp
130 mm, 5 1/8"

WEITLANER

BV104R

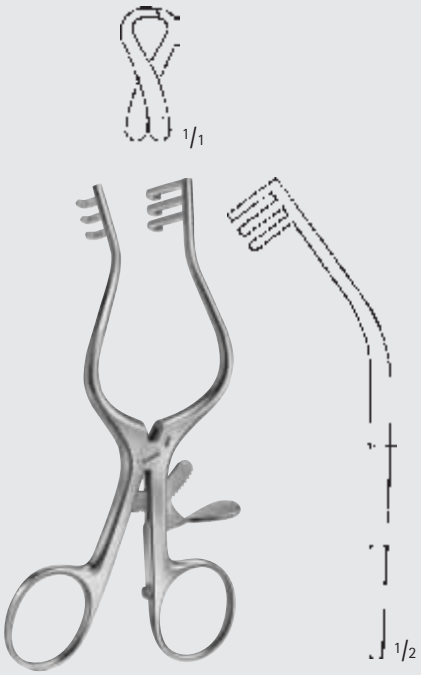
stumpf
blunt
130 mm, 5 1/8"



WULLSTEIN

BV076R

scharf
sharp
130 mm, 5 1/8"



WULLSTEIN

BV077R

stumpf
blunt
130 mm, 5 1/8"

WEITLANER

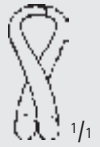
BV072R

scharf
sharp
165 mm, 6 1/2"

WEITLANER

BV068R

halbscharf
semi-sharp
165 mm, 6 1/2"



WEITLANER

BV075R

stumpf
blunt
165 mm, 6 1/2"

ALLENBERG

BV097R

Carotis-Sperrer komplett, bestehend aus:
BV098R Sperrer allein, stumpf
BV099R Mittelblatt allein, 120 mm, 4 3/4"

Carotid retractor complete, consisting of:
BV098R Retractor only, blunt
BV099R Center blade only, 120 mm, 4 3/4"

170 mm, 6 3/4"

Wundspreizer, Bauchdeckenhalter – Self-Retaining Retractors, Abdominal Retractors

Wundspreizer
Self-Retaining Retractors

PLESTER

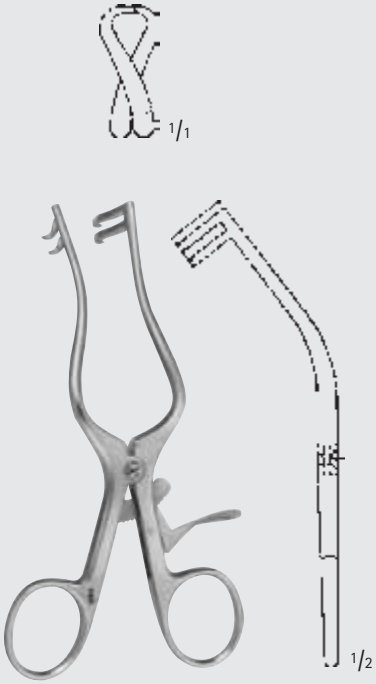
BV090R

stumpf
blunt
110 mm, 4 3/8"

PLESTER

BV091R

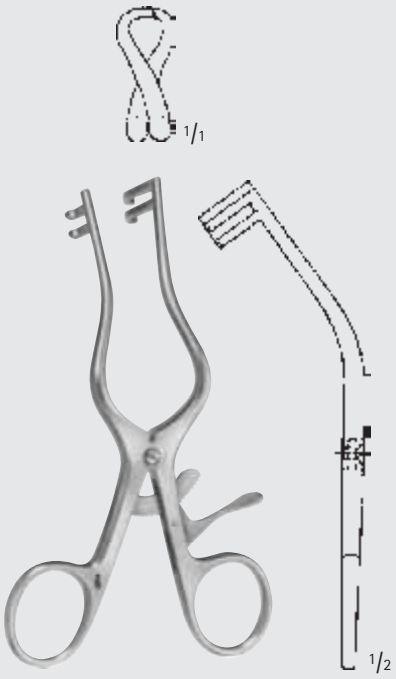
stumpf
blunt
110 mm, 4 3/8"



PLESTER

BV078R

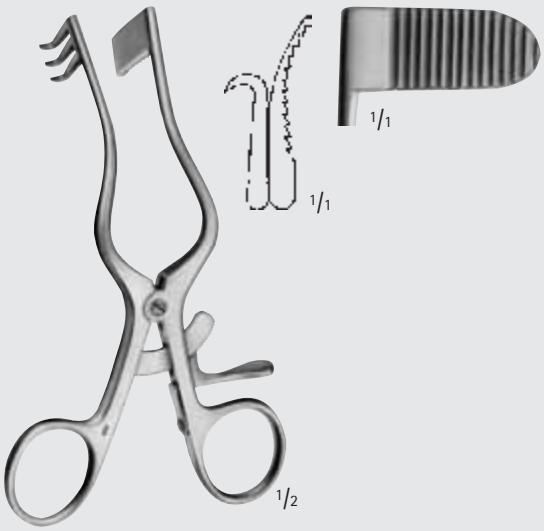
scharf
sharp
130 mm, 5 1/8"



PLESTER

BV079R

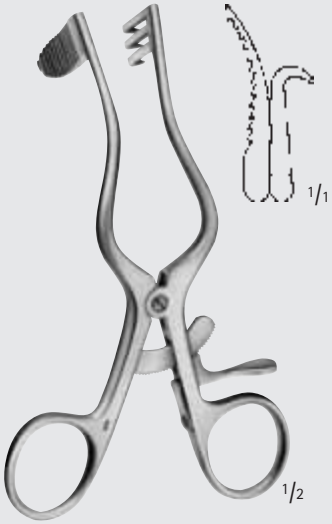
stumpf
blunt
130 mm, 5 1/8"



PERKINS

OK794R

130 mm, 5 1/8"



PERKINS

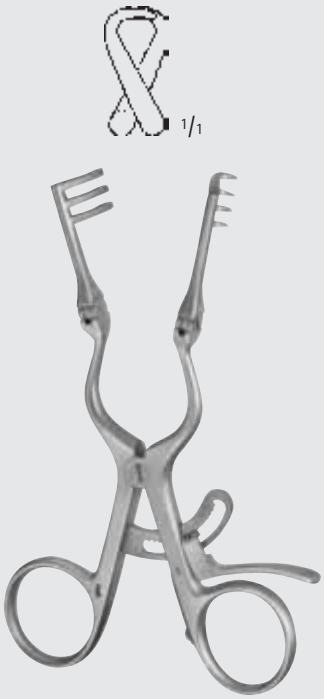
OK795R

130 mm, 5 1/8"

RNTNE HOSPITAL

BV084R

scharf
sharp
165 mm, 6 1/2"



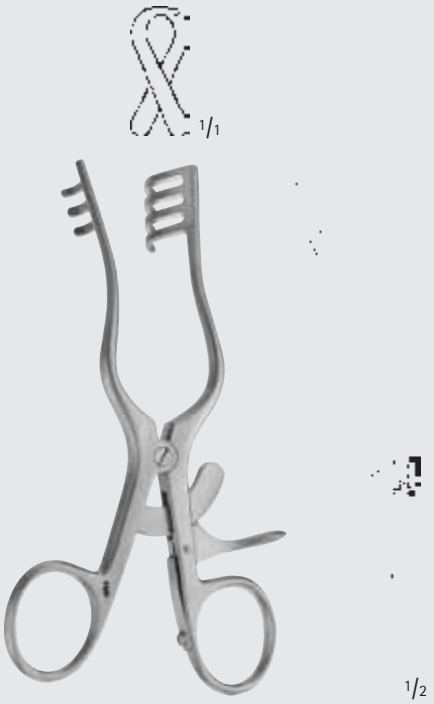
ADSON-BABY

BV085R	140 mm	5 1/2"
BV094R	165 mm	6 1/2"

halbscharf
semi-sharp

Wundspreizer, Bauchdeckenhalter – Self-Retaining Retractors, Abdominal Retractors

Wundspreizer
Self-Retaining Retractors



JEFFERSON

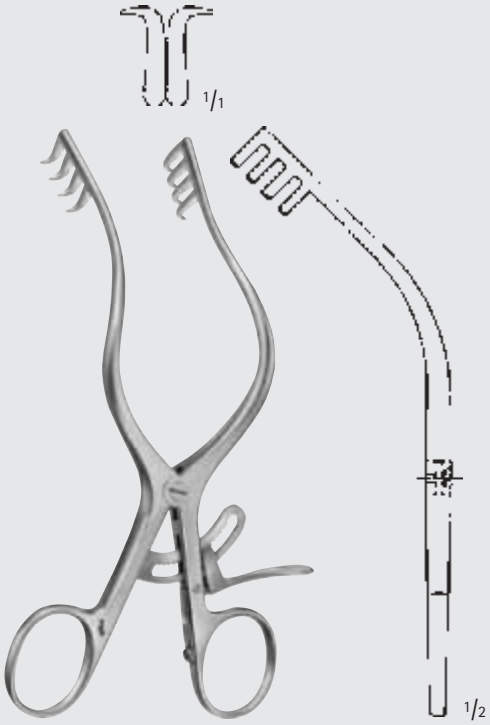
BV092R

gebogen, stumpf
curved, blunt
140 mm, 5 1/2"

MOLLISON

BV093R

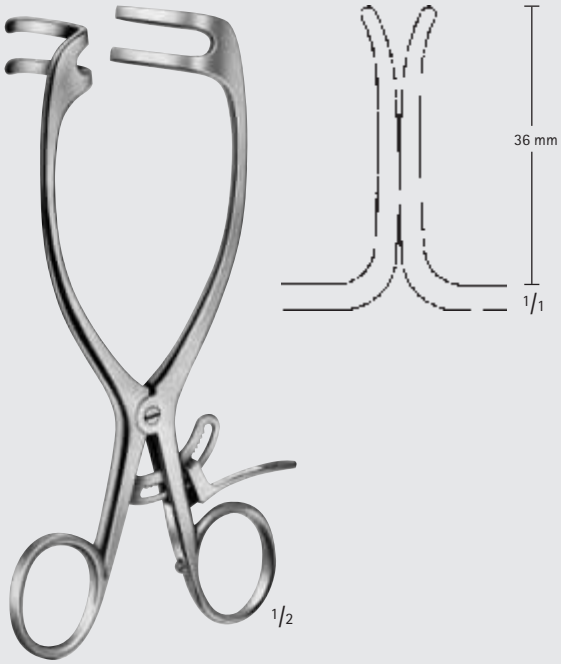
scharf
sharp
140 mm, 5 1/2"



MOLLISON

BV088R

scharf
sharp
155 mm, 6"



MAYO-ADAMS

BV112R

165 mm, 6 1/2"

HENDERSON

BV113R

scharf

sharp

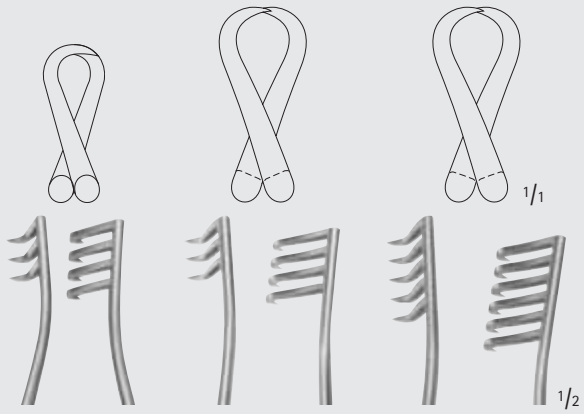
180 mm, 7"

Wundspreizer, Bauchdeckenhalter – Self-Retaining Retractors, Abdominal Retractors

Wundspreizer
Self-Retaining Retractors

WEITLANER

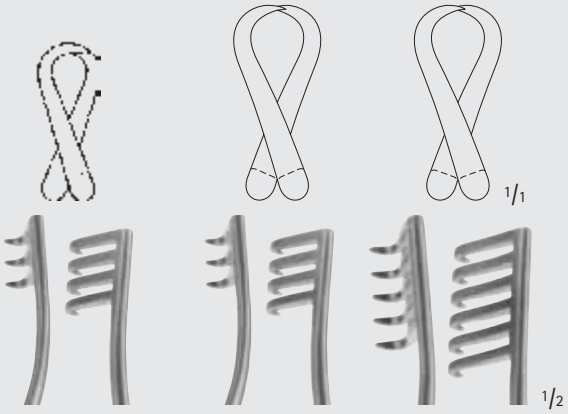
BV199R-BV209R



BV200R
scharf
sharp
195 mm
7 3/4"

BV206R
scharf
sharp
240 mm
9 1/2"

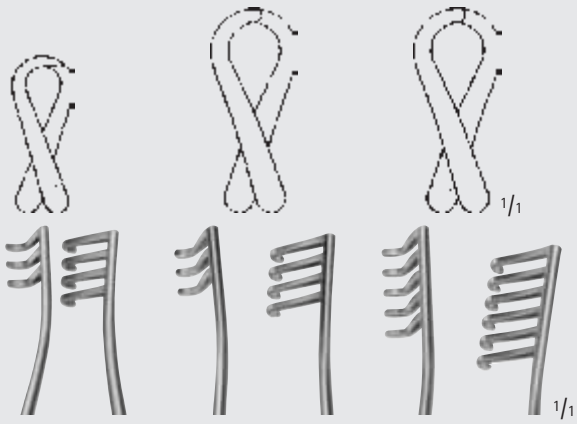
BV208R
scharf
sharp
255 mm
10"



BV199R
halbscharf
semi-sharp
195 mm
7 3/4"

BV203R
halbscharf
semi-sharp
240 mm
9 1/2"

BV205R
halbscharf
semi-sharp
255 mm
10"



BV201R
stumpf
blunt
195 mm
7 3/4"

BV207R
stumpf
blunt
240 mm
9 1/2"

BV209R
stumpf
blunt
255 mm
10"

IRWIN

BV247R

scharf
sharp
175 mm, 7"

TRAVERS

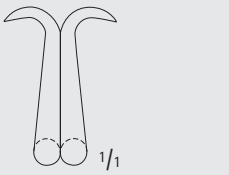
BV249R

stumpf
blunt
215 mm, 8"

Wundspreizer, Bauchdeckenhalter – Self-Retaining Retractors, Abdominal Retractors

Laminektomie-Wundspreizer

Self-Retaining Laminectomy Retractors



ANDERSON-ADSON

BV250R

scharf

sharp

190 mm, 7 1/2"

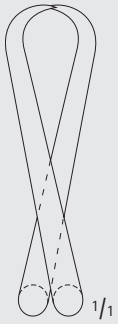
NORFOLK AND NORWICH

BV248R

stumpf

blunt

220 mm, 8 3/4"



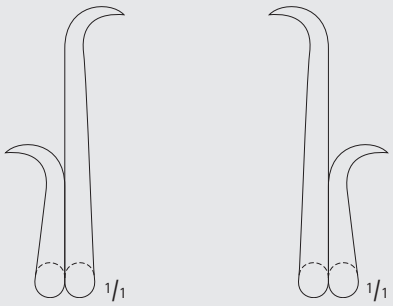
ADSON

BV252R

scharf

sharp

265 mm, 10 1/2"



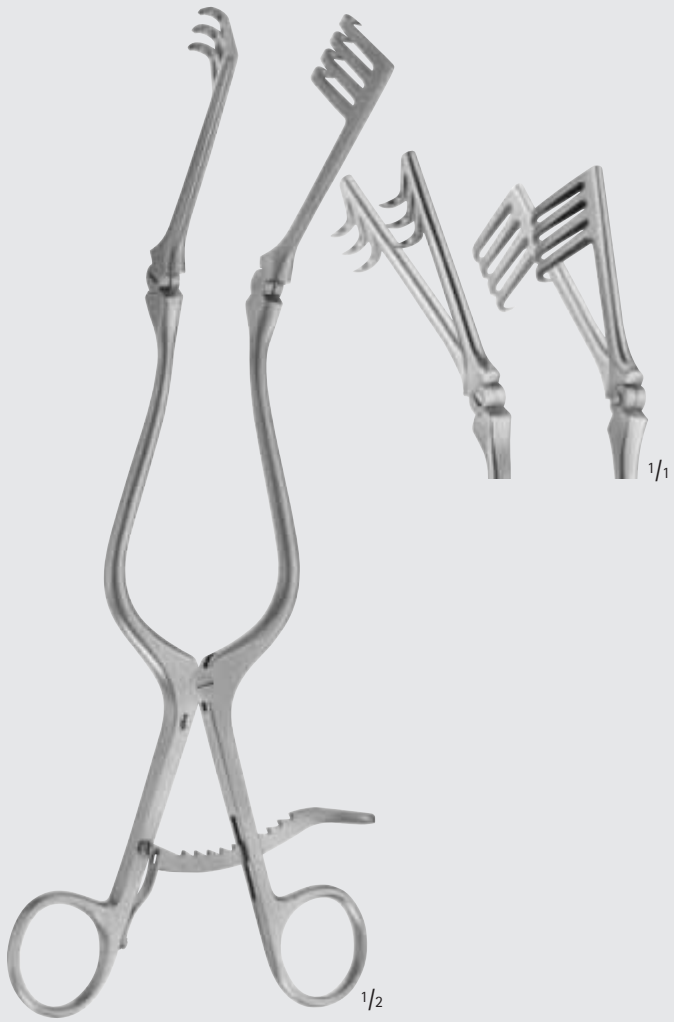
BV255R

BV254R–BV255R

Hemilaminektomiespreizer
scharf

Hemi-laminectomy retractor
sharp

280 mm, 11"



CONE

BV260R

scharf
sharp
265 mm, 10 1/2"

Wundspreizer, Bauchdeckenhalter – Self-Retaining Retractors, Abdominal Retractors

Laminektomie-Wundspreizer
Self-Retaining Laminectomy Retractors

BECKMANN-ADSON

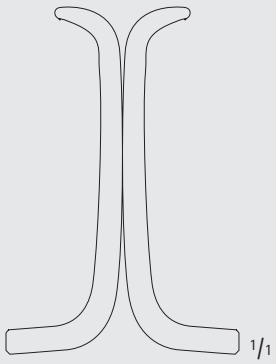
BV271R

halbscharf
semi-sharp
310 mm, 12"

BECKMANN-ADSON

BV272R

scharf
sharp
310 mm, 12"



HARVEY-JACKSON

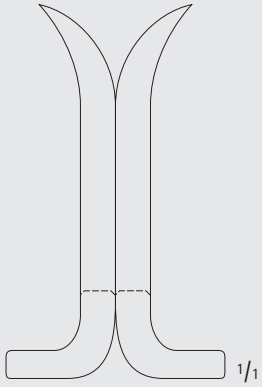
BV258R

scharf
sharp
280 mm, 11"

ADSON

BV273R

halbscharf
semi-sharp
320 mm, 12 3/4"



BECKMANN-EATON

BV276R

scharf
sharp
320 mm, 12 3/4"

Wundspreizer, Bauchdeckenhalter – Self-Retaining Retractors, Abdominal Retractors

Spezialwundspreizer
Special Retractors

BV086R

Strumaspreizer
Thyroid retractor

JOLL (FRIEDMANN)

BV087R

Thyreoid- und Vulva-Spreizer
Thyroid- and vaginal retractor
155 mm, 6"

JACKSON-BURROWS

BV993R

Wundspreizer, stumpf
Retractor, blunt
185 mm, 7 1/4"

GELPI

BV996R

Vulva-Spreizer

Vaginal retractor

135 mm, 5 1/4"

GELPI

BV997R

Haut- und Vulva-Spreizer

Skin- and vaginal retractor

175 mm, 7"

DE BAKEY

BV998R

Femur-Wundspreizer für Kinder

Femur retractor for children

100 mm, 4"

DE BAKEY

BV999R

Femur-Wundspreizer

Femur retractor

145 mm, 5 3/4""

MILLIMETERS

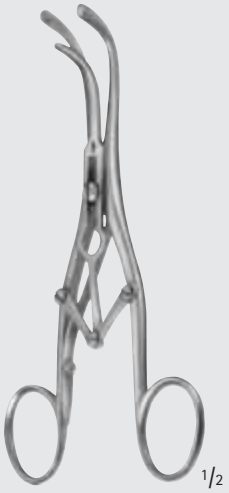
Wundspreizer, Bauchdeckenhalter – Self-Retaining Retractors, Abdominal Retractors

Trachealdilatatoren
Tracheal Dilators

TROUSSEAU

FA005R

120 mm, 4 3/4"



LABORDE

FA006R

125 mm, 5"

LABORDE

FA007R

kräftiges Modell

strong pattern

135 mm, 5 1/4"

BV712T
30 x 30 mm

BV713T
90 x 60 mm

ALLENBERG

BV710R

Illiaca-Sperrer komplett,
bestehend aus:
BV711R Sperrer allein
BV712T Retraktorblatt lateral
BV713T Retraktorblatt medial

Illiac retractor complete,
consisting of:
BV711R Retractor only
BV712T Retractor blade lateral
BV713T Retractor blade medial

Sperrersystem zur idealen Darstellung der Arteria iliaca communis. Die Retraktorblätter sind aus Titan gefertigt und sind dadurch röntgentransparent. Das große mediale Retraktorblatt kann intraoperativ stufenweise verstellt werden. Das Sperrersystem kann aufgrund der einfachen Auswechselbarkeit der Valven links- sowie rechtseitig eingesetzt werden.

Retractor system for optimal approach to the arteria iliaca communis. The retractor blades are made out of titanium and therefore they are radiotransparent. The big medial retractor blade can be gradually adjusted during the operation. Because of the blades which are easy to exchange the retractor system can be used for the left and the right side.

1/3

BV709R

Pinzette zum
Valvenwechsel
Forceps for changing
the blades
130 mm, 5 1/8

Wundspreizer, Bauchdeckenhalter – Self-Retaining Retractors, Abdominal Retractors

Wundspreizer für Laminektomie und andere Applikationen

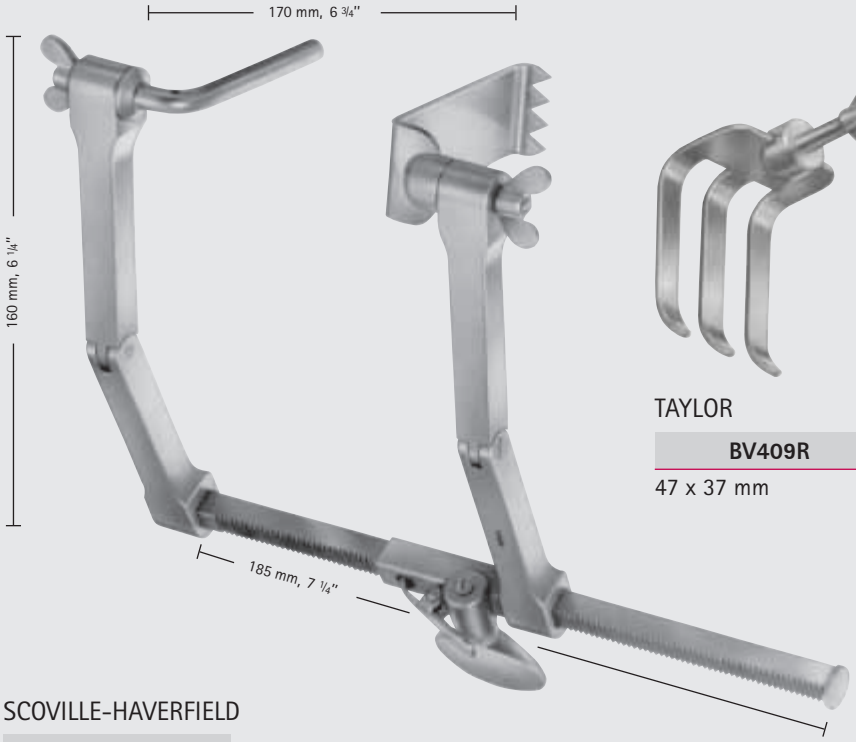
Self-Retaining Retractors for Laminectomy and Other Applications

SCOVILLE

BV403R	
55 mm	

SCOVILLE

BV405R	63 x 25 mm
BV406R	63 x 51 mm



SCOVILLE-HAVERFIELD

BV400R

Sperrer komplett,
bestehend aus:
BV401R Rahmen allein
BV403R Haken
BV405R Blatt

Retractor complete,
consisting of:
BV401R Frame only
BV403R Hook
BV405R Blade

TAYLOR

BV409R	
47 x 37 mm	

TAYLOR

BV411R
62 x 52 mm

Wundspreizer, Bauchdeckenhalter – Self-Retaining Retractors, Abdominal Retractors

Wundspreizer für Laminektomie und andere Applikationen

Self-Retaining Retractors for Laminectomy and Other Applications

Aesculap Kugelschnellverschluss an Sperrern und Blättern

Vorteile:

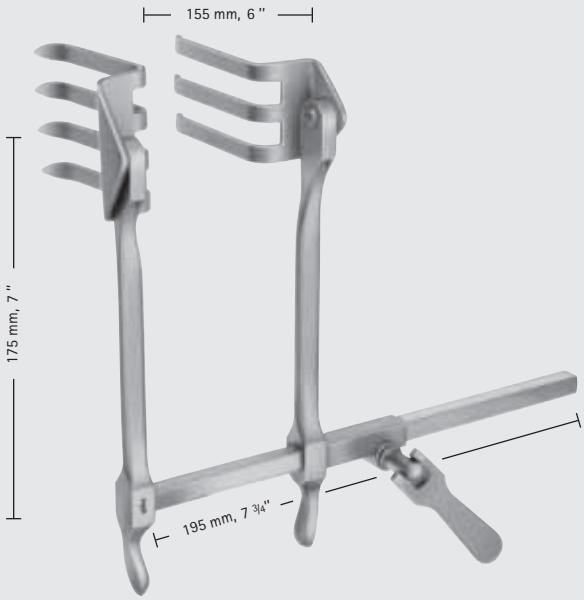
- Sicheres Arretieren der Blätter ohne zusätzliche Verriegelung.
  - Verhindert Herausfallen der Blätter aus den Sperrerarmen, auch beim Anreichen.
  - Glatte Oberfläche, dadurch können Ligaturfäden nicht hängenbleiben.
- Schnelles, problemloses Auswechseln der Blätter, auch intraoperativ.
- Universelle Kombinationsmöglichkeiten der verschiedenen Sperrermodelle untereinander.
  - Dadurch optimale Auswahl der Blattgrößen entsprechend den jeweiligen operativen Erfordernissen.

Aesculap ball snap system on spreaders and blades

Advantages:

- Without additional fixation blades are safely locked
  - and can therefore not fall off the retractor shanks even the instrument is passed on to the surgeon
  - no risk of catching suture due to smooth surface
- Without any trouble blades can be quickly exchanged also during the operation
- Different retractors patterns can be universally combined and exchanged at random, which allows
  - optimum selection of the blade size according to surgical needs.

KUGELSCHNELLVERSCHLUSS
BALL SNAP CLOSURE



SCOVILLE-RICHTER

BV510R

Sperrer komplett,
umlegbares Modell
bestehend aus:
BV509R Sperrer allein
BV516R Blätter (Paar)
Kann in angelegtem Zustand zum Tücherwechsel usw. auf die andere Seite umgelegt werden.

Retractor complete,
reversible type
consisting of:
BV509R Retractor only
BV516R Blades (pair)
The retractor bar and shanks may be easily rotated 180° when blades are in situ.

BV516R
62 x 52 mm
PAA = Paar

62 x 37 mm

BV517R
47 x 51 mm

PAA = Pair

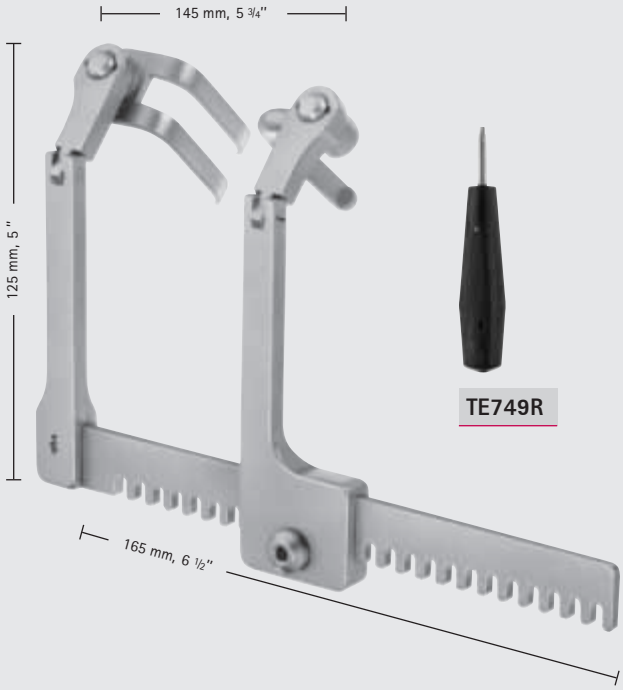
BV518R
30 x 40 mm

BV519R
37 x 62 mm

Wundspreizer, Bauchdeckenhalter – Self-Retaining Retractors, Abdominal Retractors

Wundspreizer für die Wirbelsäule
Self-Retaining Retractors for Spine

KUGELSCHNELLVERSCHLUSS MIT VERDREHSICHERUNG
BALL SNAP CLOSURE WITH TORRSION LOCK



TE749R

BV435R
Haken
Hook
38 mm

BV437R
Haken
Hook
58 mm

Blätter
Blades

BV441R	32 x 22 mm
BV442R	37 x 22 mm
BV443R	42 x 22 mm
BV444R	47 x 22 mm
BV445R	52 x 22 mm
BV446R	57 x 22 mm
BV447R	62 x 22 mm
BV448R	67 x 22 mm

CASPAR

BV450R

Sperrer komplett,
für Laminektomie und Hemi-Laminektomie,
lumbal, thorakal und cervical einzusetzen
bestehend aus:

BV449R	Sperrer allein, mit Drehschlüssel TE749R
BV435R	Haken
BV442R	Blatt
BV443R	Blatt
BV444R	Blatt
BV445R	Blatt
BV446R	Blatt

Retractor complete,
for laminectomy and hemi-laminectomy,
lumbar, thoracal and cervical available
consisting of:

BV449R	Retractor only, with key TE749R
BV435R	Hook
BV442R	Blade
BV443R	Blade
BV444R	Blade
BV445R	Blade
BV446R	Blade

Blätter
Blades

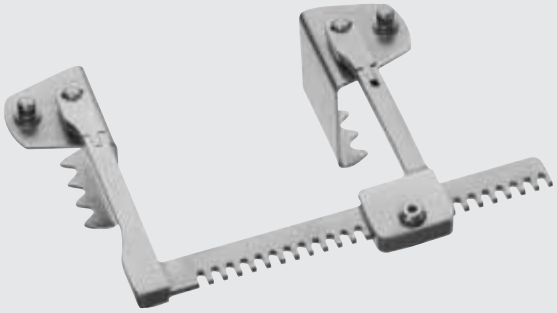
BV451R	32 x 37 mm
BV452R	37 x 37 mm
BV453R	42 x 37 mm
BV454R	47 x 37 mm
BV455R	52 x 37 mm
BV456R	57 x 37 mm
BV457R	62 x 37 mm
BV458R	67 x 37 mm

Blätter
Blades

BV461R	32 x 52 mm
BV462R	37 x 52 mm
BV463R	42 x 52 mm
BV464R	47 x 52 mm
BV465R	52 x 52 mm
BV466R	57 x 52 mm
BV467R	62 x 52 mm
BV468R	67 x 52 mm

Universal-Wirbelsäulensperrer
Der selbsthaltende CASPAR-Universal-Wirbelsäulensperrer ermöglicht eine sichere Retraktion und spart durch seine abnehmbaren Griffe Platz im OP-Feld.

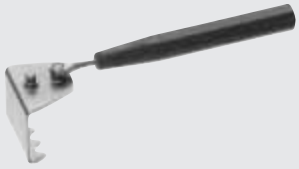
Universal Spinal Retractor System
The self-retaining CASPAR universal spinal retractor permits safe retraction and saves space in the operation area due to the removable handles.



CASPAR

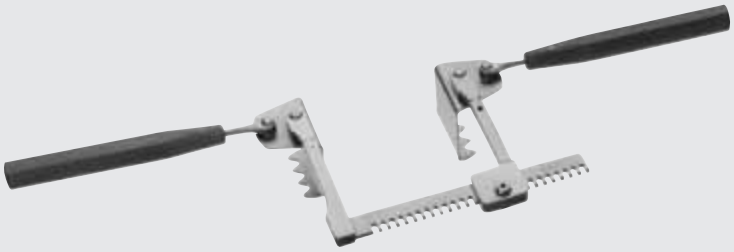
BV449R	Sperrer ohne Blätter Retractor without blades

BV413R	Handgriff Handle



Blätter
Blades

BV414R	50 x 44 mm
BV415R	50 x 54 mm
BV416R	50 x 74 mm
BV417R	50 x 89 mm



TE749R	Drehschlüssel Key for socket-head screw

Wundspreizer, Bauchdeckenhalter – Self-Retaining Retractors, Abdominal Retractors

Wundspreizer für cervicale Wirbelsäule
Retractors for Cervical Spine

KUGELSCHNELLVERSCHLUSS MIT VERDREHSICHERUNG
BALL SNAP CLOSURE WITH TORRSION LOCK

BV381R

BV382R

BV391R

BV392R

BV383R

BV384R

BV393R

BV394R

BV385R

BV395R

CLOWARD MODIF.

BV380R

Sperrer komplett,
bestehend aus:

BV379R	Sperrer allein
BV381R	Blatt
BV382R	Blatt
BV383R	Blatt
BV384R	Blatt
BV385R	Blatt

Retractor complete,
consisting of:

BV379R	Spreader only
BV381R	Blade
BV382R	Blade
BV383R	Blade
BV384R	Blade
BV385R	Blade

10 mm, 250 "

BV381R–BV395R

Blätter allein zu BV379R
Blades only for BV379R

CLOWARD

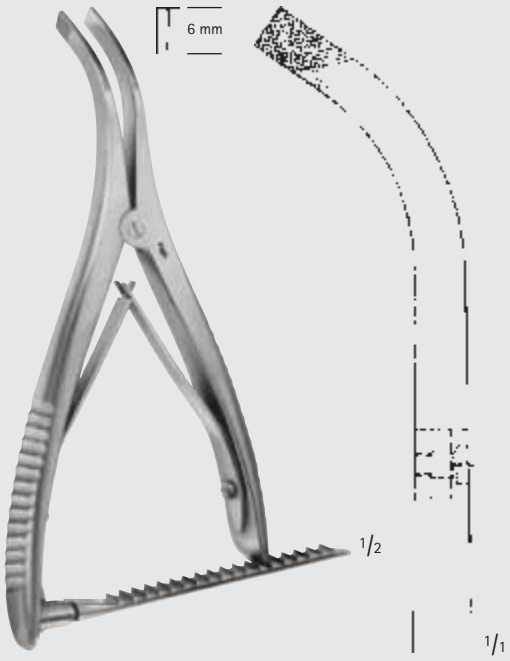
BV296R

155 mm, 6"

CLOWARD

BV299R

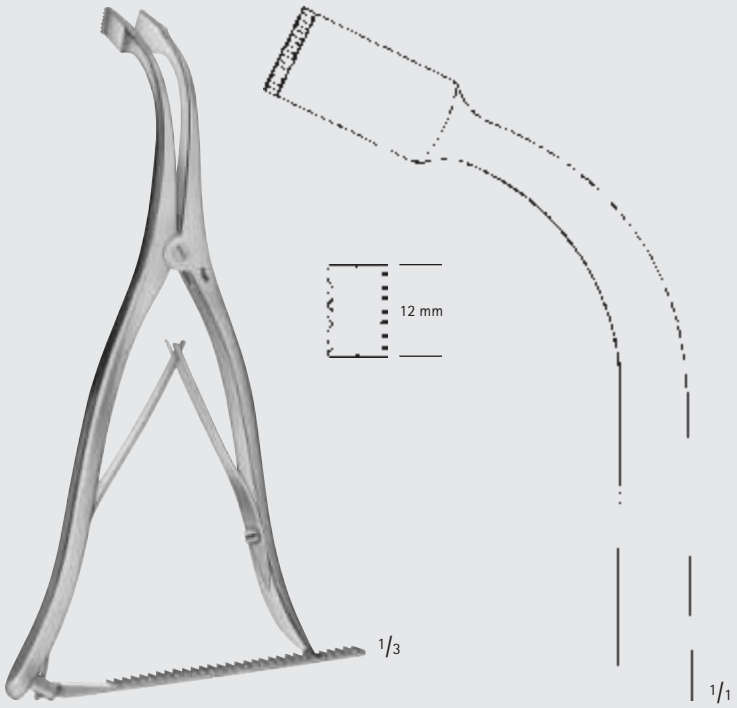
135 mm, 5 1/4"



INGE

BV297R

170 mm, 6 3/4"



INGE

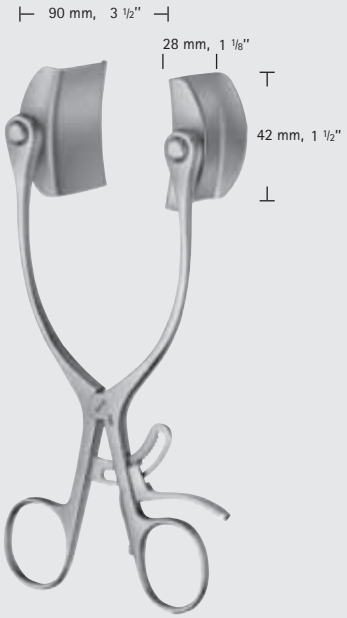
BV298R

275 mm, 10 3/4"

Wundspreizer, Bauchdeckenhalter – Self-Retaining Retractors, Abdominal Retractors

Bauchdeckenhalter
Abdominal Retractors

KUGELSCHNELLVERSCHLUSS
BALL SNAP CLOSURE



BABY-COLLIN

BV329R

Sperrer komplett, bestehend aus:

BV327R	Sperrer allein
BV326R	Blätter (Paar) 18 x 42 mm
BV328R	Blätter (Paar) 28 x 42 mm

Retractor complete, consisting of:

BV327R	Spreader only
BV326R	Blades (pair) 18 x 42 mm
BV328R	Blades (pair) 28 x 42 mm

COLLIN

BV530R

Sperrer komplett, bestehend aus:

BV520R	Sperrer allein
BV551R	Blätter (Paar)

Retractor complete, consisting of:

BV520R	Spreader only
BV551R	Blades (pair)

COLLIN

BV531R–BV533R

komplett complete	BV531R	BV532R	BV533R
Sperrer allein Spreader only	BV522R	BV523R	BV523R
Seitl. Blätter (Paar) Lateral blades (pair)	BV551R 37 x 62 mm	BV552R 37 x 80 mm	BV553R 37 x 98 mm
Mittelblatt Center blade	BV361R 54 x 55 mm	BV362R 54 x 67 mm	BV363R 52 x 76 mm

COLLIN

BV535R–BV536R

komplett complete	BV535R	BV536R
Sperrer allein Spreader only	BV524R	BV524R
Seitl. Blätter (Paar) Lateral blades (pair)	BV555R 48 x 59 mm	BV554R 61 x 80 mm
Mittelblatt Center blade	BV338R 63 x 74 mm	BV338R 63 x 74 mm

RICARD

BV542R-BV543R

komplett complete	**BV542R**	**BV543R**
Sperrer allein Spreader only	**BV527R**	**BV527R**
Seitl. Blätter (Paar) Lateral blades (pair)	**BV556R** 58 x 80 mm	**BV557R** 72 x 84 mm
Mittelblatt Center blade	**BV366R** 54 x 70 mm	**BV367R** 72 x 90 mm

HOLZBACH

BV545R

komplett complete		
Seitl. Blätter (Paar) Lateral blades (pair)	**BV558R** 59 x 80 mm	
Mittelblatt Center blade		**BV369R** 74 x 82 mm

Wundspreizer, Bauchdeckenhalter – Self-Retaining Retractors, Abdominal Retractors

Bauchdeckenvalven

Abdominal Blades

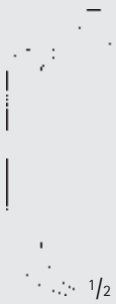
KUGELSCHNELLVERSCHLUSS
BALL SNAP CLOSURE

Bestelleinheit der Blätter: **PAA** = Paar
Sales unit of blades: **PAA** = pair

BV551R–BV553R

Seitliche Blätter allein
Lateral blades only

BV551R	37 x 62 mm
BV552R	37 x 80 mm
BV553R	37 x 98 mm



BV554R

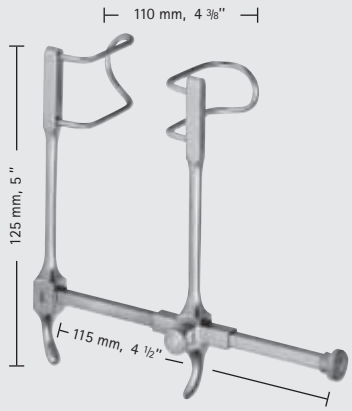
BV554R	61 x 80 mm

BV555R–BV557R

BV555R	48 x 59 mm
BV556R	58 x 80 mm
BV557R	72 x 84 mm

BV558R

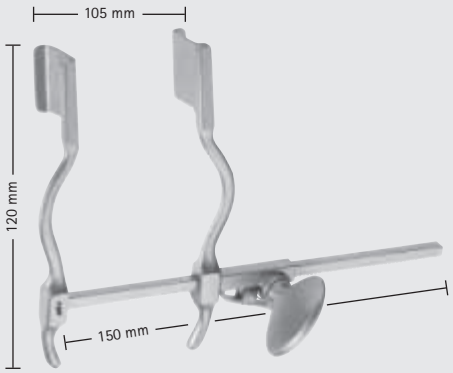
BV558R	59 x 80 mm



GOSSET

BV500R

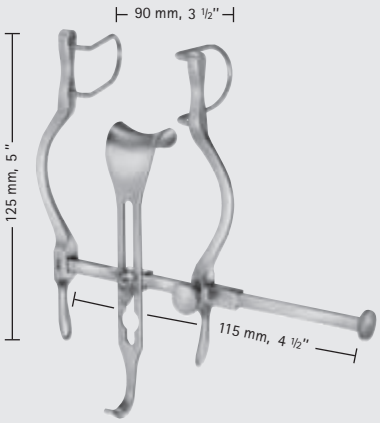
Blätter: 38 mm tief
Blades: 38 mm deep



HERTZLER

BV512R

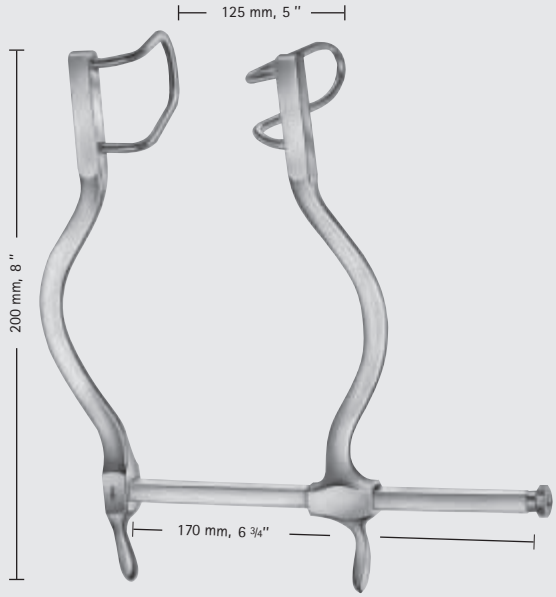
Blätter 20 x 25 mm
Blades 20 x 25 mm



BALFOUR-BABY

BV601R

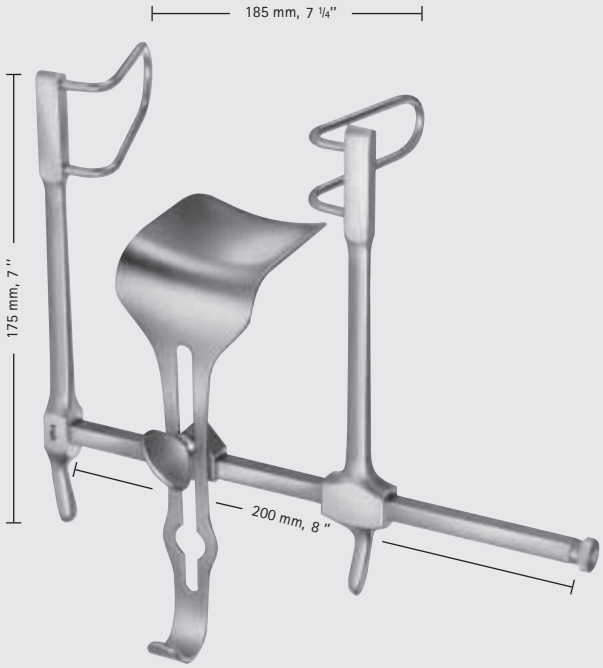
Seitl. Blätter	27 mm tief
Mittelblatt	BV602R 21 x 24 mm
Lateral blades	27 mm deep
Center blade	BV602R 21 x 24 mm



GOSSET

BV502R

Blätter: 55 mm tief
Blades: 55 mm deep



GOSSET

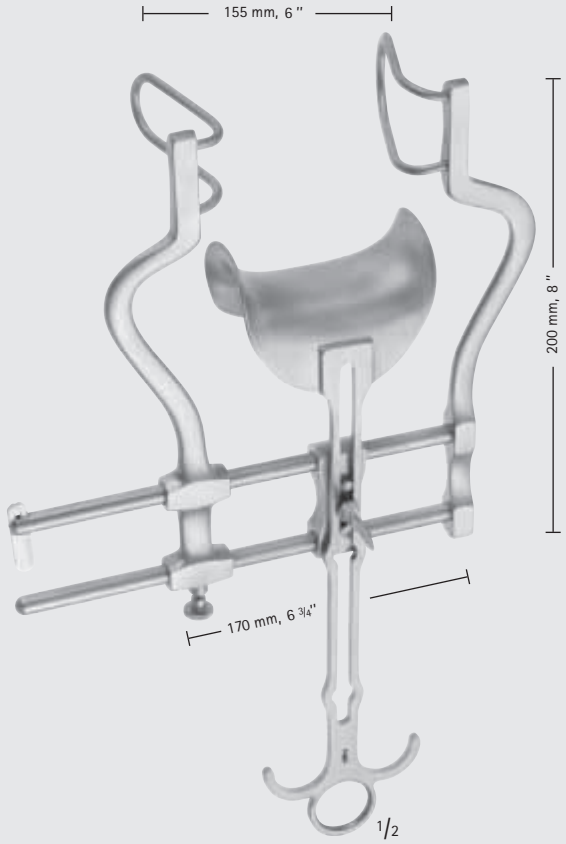
BV505R

Seitl. Blätter	58 mm tief
Mittelblatt	BV506R 59 x 57 mm
Lateral blades	58 mm deep
Center blade	BV506R 59 x 57 mm

MILLIMETERS

Wundspreizer, Bauchdeckenhalter – Self-Retaining Retractors, Abdominal Retractors

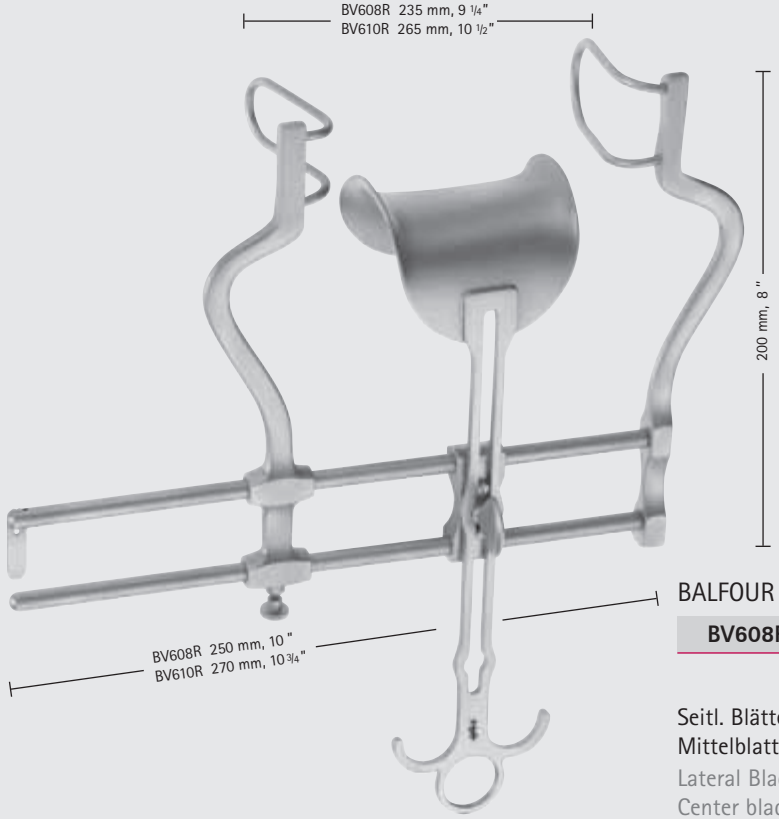
Bauchdeckenhalter
Abdominal Retractors



BALFOUR

BV605R

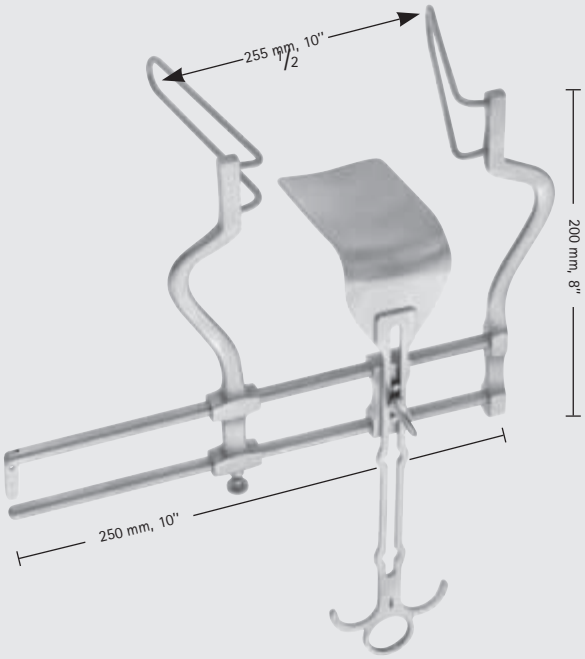
Seitl. Blätter	60 mm tief
Mittelblatt	BV606R 47 x 80 mm
Lateral blade	60 mm deep
Center blade	BV606R 47 x 80 mm



BALFOUR

BV608R–BV610R

	BV608R	BV610R
Seitl. Blätter	60 mm tief	90 mm tief
Mittelblatt	BV609R 62 x 76 mm	BV611R 80 x 80 mm
Lateral Blades	60 mm deep	90 mm deep
Center blade	BV609R 62 x 76 mm	BV611R 80 x 80 mm



BALFOUR

BV615R

Seitl. Blätter 105 mm tief
Mittelblatt BV616R 107 x 59 mm
Lateral blades 105 mm deep
Center blade BV616R 107 x 59 mm

BALFOUR

BV617R

Mittelblatt allein
Center blade only
54 x 80 mm

BV618R

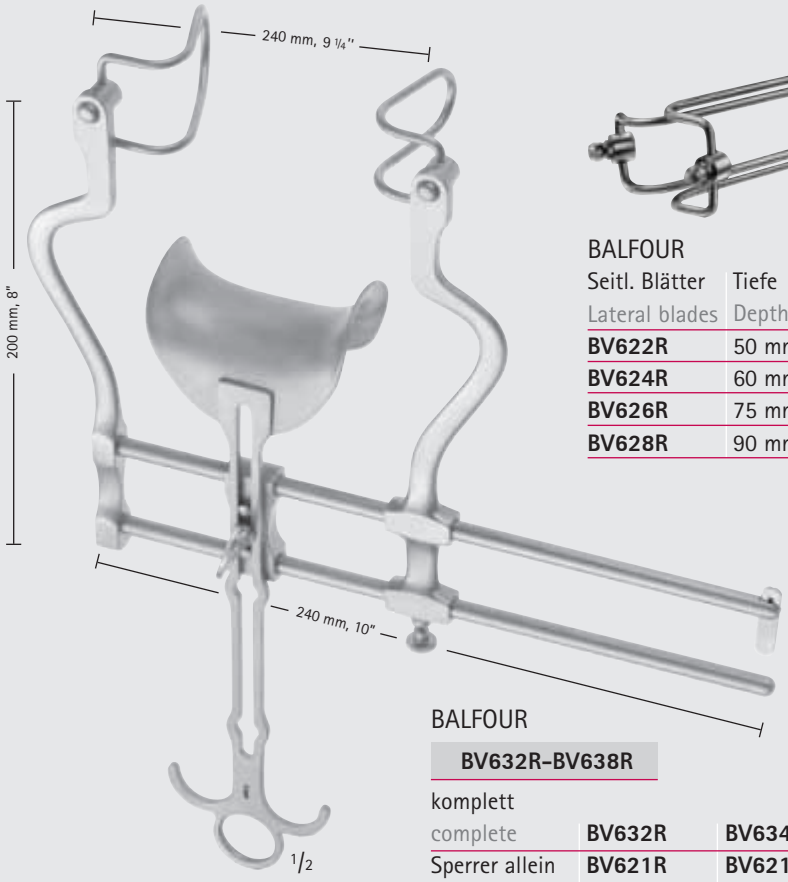
Mittelblatt, geschlitzt
zur retropubischen Prostatektomie
Center blade, slotted
for retropubic prostatectomy
75 x 80 mm

Wundspreizer, Bauchdeckenhalter – Self-Retaining Retractors, Abdominal Retractors

Bauchdeckenhalter
Abdominal Retractors

KUGELSCHNELLVERSCHLUSS
BALL SNAP CLOSURE

Bestelleinheit der Blätter: **PAA** = Paar
Sales unit of blades: **PAA** = pair



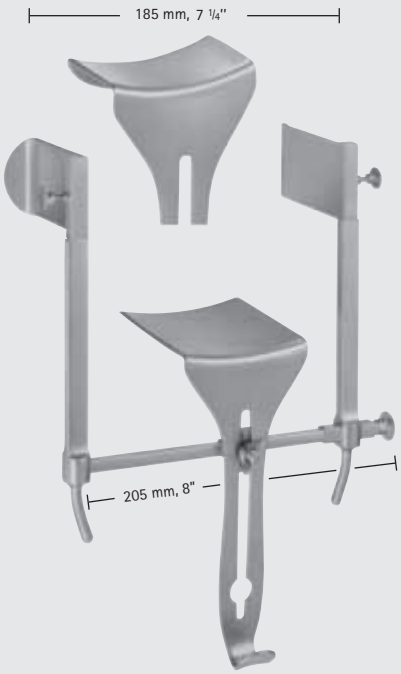
BALFOUR

Seitl. Blätter Lateral blades	Tiefe Depth
BV622R	50 mm
BV624R	60 mm
BV626R	75 mm
BV628R	90 mm

BALFOUR

BV632R–BV638R

komplett complete	**BV632R**	**BV634R**	**BV636R**	**BV638R**
Sperrer allein Spreader only	**BV621R**	**BV621R**	**BV621R**	**BV621R**
Seitl. Blätter Lateral blades	**BV622R** 50 mm	**BV624R** 60 mm	**BV626R** 75 mm	**BV628R** 90 mm
Mittelblatt Center blade	**BV606R** 47 x 80 mm	**BV609R** 62 x 76 mm	**BV611R** 80 x 80 mm	**BV611R** 80 x 80 mm



GOLIGHER

BV640R

Bauchdeckenhalter komplett, bestehend aus:
Mittelblatt 51 mm tief
Mittelblatt 102 mm tief
Seitl. Blätter (Paar) 51 mm tief
Seitl. Blätter (Paar) 102 mm tief

Abdominal retractor complete, consisting of:
Center blade 51 mm deep
Center blade 102 mm deep
Lateral blades (pair) 51 mm deep
Lateral blades (pair) 102 mm deep

O' SULLIVAN-O' CONNOR

US100

Bauchdeckenhalter komplett,
bestehend aus:

US100	1 Bauchdeckenhalter
US100201	2 Blätter
US100202	1 Blatt

Abdominal retractor complete, consisting of:

US100	**1 Retractor**
US100201	**2 Blades**
US100202	**1 Blade**

O'SULLIVAN-O'CONNOER

US100201

kleines Blatt
small blade

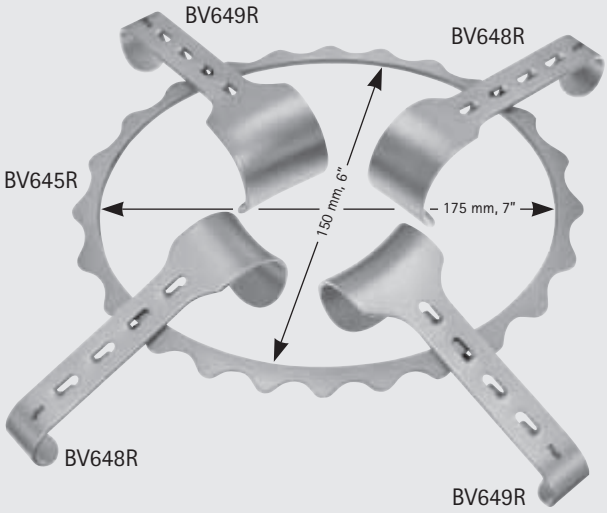
O'SULLIVAN-O'CONNOER

US100202

großes Blatt
large blade

BV

Bauchdeckenhalter für Säuglinge und Kinder
Abdominal retractors for new-born and children



DENIS-BROWNE

BV650R

Bauchdeckenhalter komplett,
bestehend aus:
BV645R 1 Rahmen 175 x 150 mm
BV648R 2 Blätter allein 40 x 30 mm
BV649R 2 Blätter allein 40 x 40 mm

Abdominal retractor complete,
consisting of:
BV645R 1 frame 175 x 150 mm
BV648R 2 blades only 40 x 30 mm
BV649R 2 blades only 40 x 40 mm

DENIS-BROWNE

BV646R

Blatt allein
Blade only
20 x 30 mm

DENIS-BROWNE

BV647R

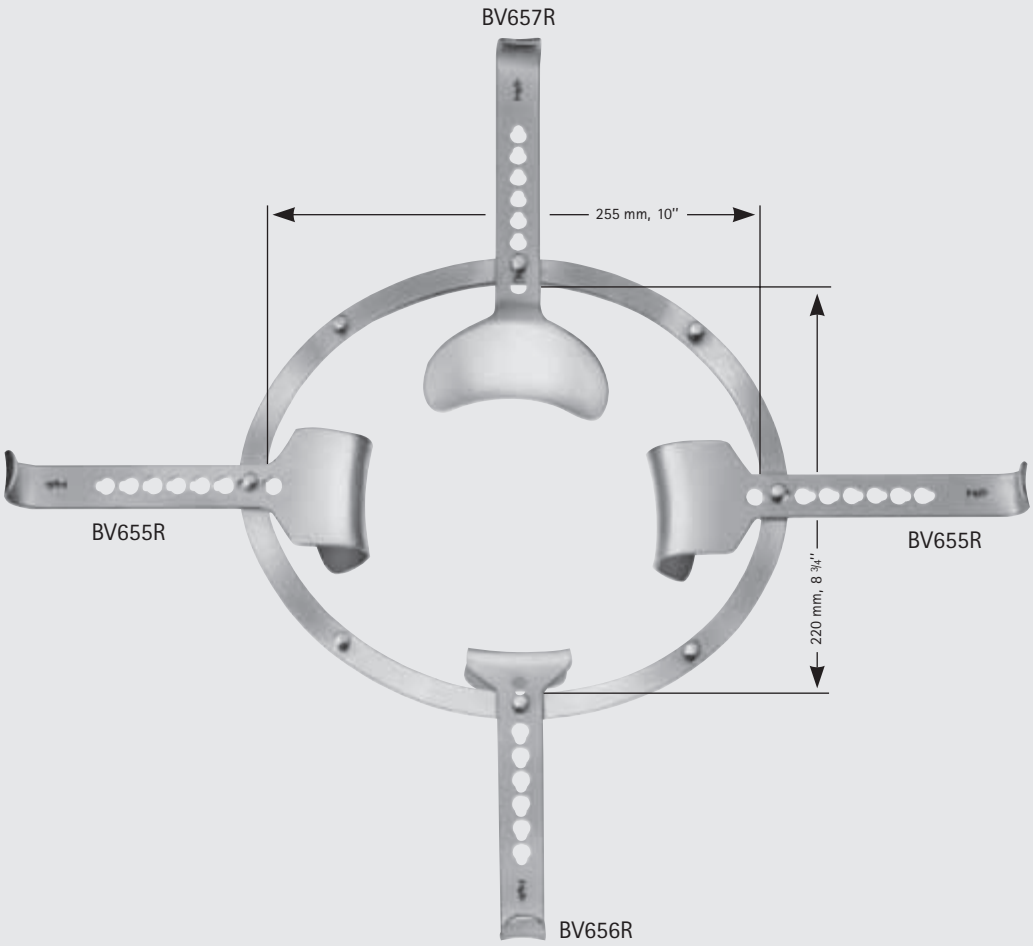
Blatt allein
Blade only
20 x 40 mm

INCHES

Bauchdeckenhalter für Gynäkologen gut geeignet
Abdominal retractors well suitable for gynaecologists

BV659R

BV658R



SEMM

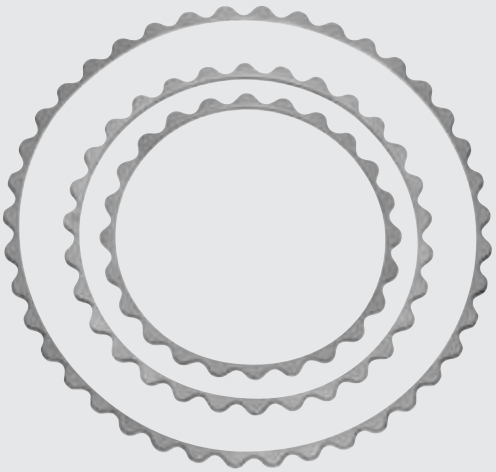
BV654R

Bauchdeckenhalter komplett,
bestehend aus:

BV653R	1 Rahmen 255 x 220 mm
BV655R	2 Blätter 46 x 64 mm
BV656R	1 Blatt 53 x 54 mm (für die Blase)
BV657R	1 Blatt 82 x 97 mm (für den Darm)
BV658R	1 Blatt 98 x 51 mm (für den Darm)
BV659R	1 Blatt schmal 107 x 36 mm

Abdominal retractor complete,
consisting of:

BV653R	1 frame 255 x 220 mm
BV655R	2 blades 46 x 64 mm
BV656R	1 blade 53 x 54 mm (for bladder)
BV657R	1 blade 82 x 97 mm (for intestine)
BV658R	1 blade 98 x 51 mm (for intestine)
BV659R	1 blade narrow 107 x 36 mm



BV686R
ø 180 mm
diam 7"

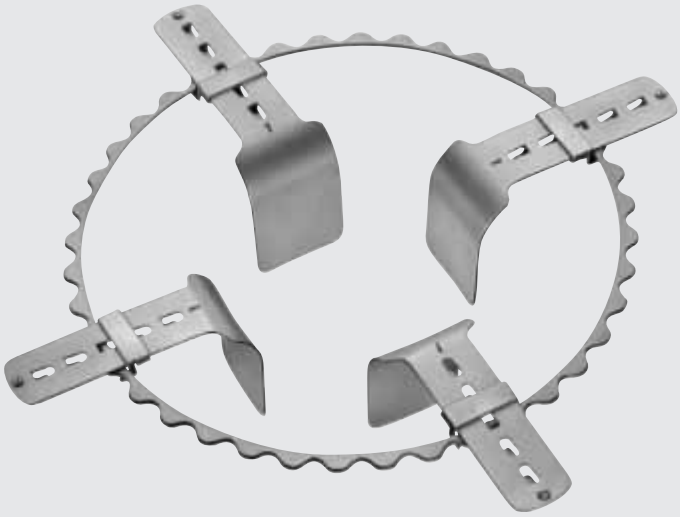
BV687R
ø 230 mm
diam. 9"

BV688R
ø 305 mm
diam. 12"

TURNER-WARWICK

BV686R

Bauchdeckenrahmen, rund
Retractor frame, round



TURNER-WARWICK

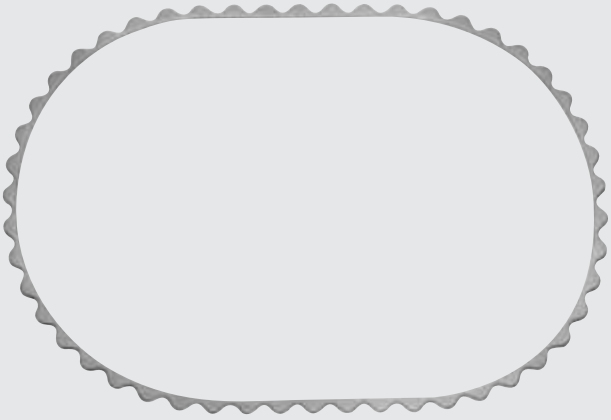
BV685R

Bauchdeckenhalter komplett,
bestehend aus:

BV686R - BV688R	je 1 Rahmen
BV690R - BV693R	je 2 Bauchdeckenspatel
BV694R - BV695R	je 2 Bauchdeckenhaken
BV696R - BV697R	je 2 Bauchdeckenhaken
BV698R	2 Einzinkerhaken

Abdominal retractor complete,
consisting of:

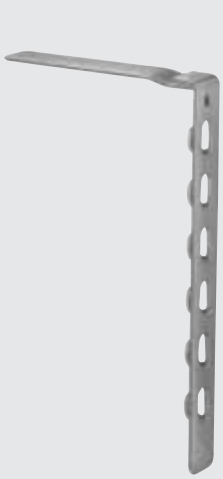
BV686R - BV688R	1 Frame of each
BV690R - BV693R	2 Retractor blades of each
BV694R - BV695R	2 Abdominal retractors of each
BV696R - BV697R	2 Abdominal retractors of each
BV698R	2 Retractor blade single hooks



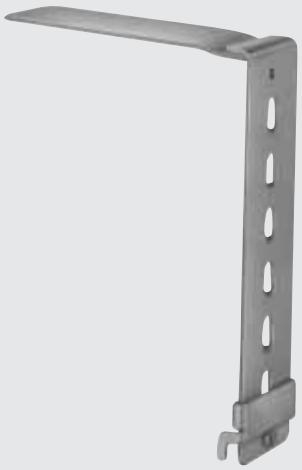
TURNER-WARWICK

BV689R

Bauchdeckenrahmen, oval
Retractor frame, oval
457 x 330 mm,

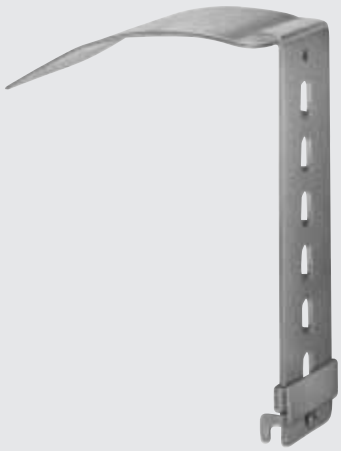


BV690R
biegsam
malleable
76 x 19 mm



BV691R
biegsam
malleable
102 x 38 mm

BV692R
biegsam
malleable
89 x 57 mm

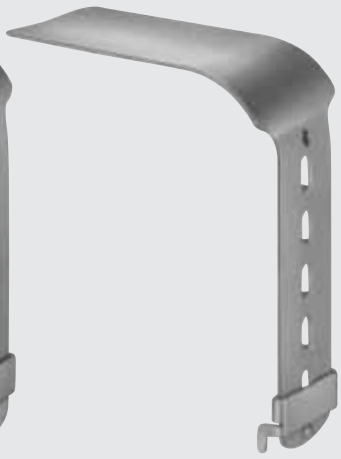


BV693R
biegsam
malleable
114 x 57 mm

BV694R
51 x 38 mm

BV695R
76 x 60 mm

BV696R
89 x 60 mm



BV697R
114 x 60 mm

BV698R
13 mm tief
13 mm deep

Wundspreizer, Bauchdeckenhalter – Self-Retaining Retractors, Abdominal Retractors

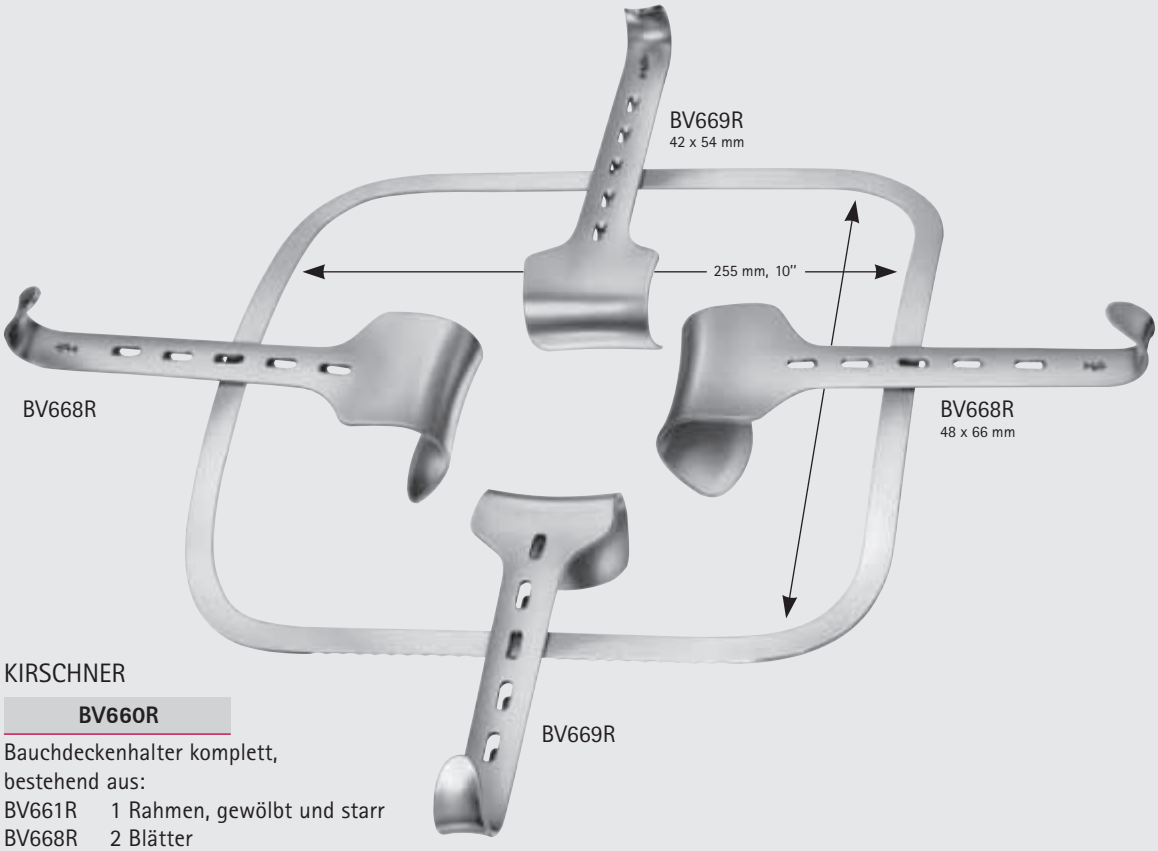
Bauchdeckenhalter
Abdominal Retractors

KIRSCHNER

BV662R

Bauchdeckenhalter komplett,
bestehend aus:
BV663R 1 Rahmen, zusammenlegbar
BV668R 2 Blätter
BV669R 2 Blätter

Abdominal retractor complete,
consisting of:
BV663R 1 Holding frame
BV668R 2 Blades
BV669R 2 Blades



KIRSCHNER

BV660R

Bauchdeckenhalter komplett,
bestehend aus:
BV661R 1 Rahmen, gewölbt und starr
BV668R 2 Blätter
BV669R 2 Blätter

Abdominal retractor complete,
consisting of:
BV661R 1 Vaulted fixed frame
BV668R 2 Blades
BV669R 2 Blades

KIRSCHNER

BV664R

Rahmen allein, übergroß
Frame only, over-sized
275 x 355 mm

KIRSCHNER

BV665R

Rahmen allein
Frame only
295 x 275 mm

INCHES

Zusätzliche Blätter für Fettleibige
Additional valves for corpulent persons

KIRSCHNER

BV670R	64 x 80 mm

KIRSCHNER-BALFOUR

BV672R	80 x 82 mm

KIRSCHNER

BV674R	90 x 69 mm
BV675R	95 x 95 mm
BV676R	78 x 58 mm

KIRSCHNER

BV680R	108 x 42 mm
BV682R	91 x 55 mm
BV684R	120 x 55 mm

Wundspreizer, Bauchdeckenhalter – Self-Retaining Retractors, Abdominal Retractors

Blasenwundspreizer
Bladder Retractors

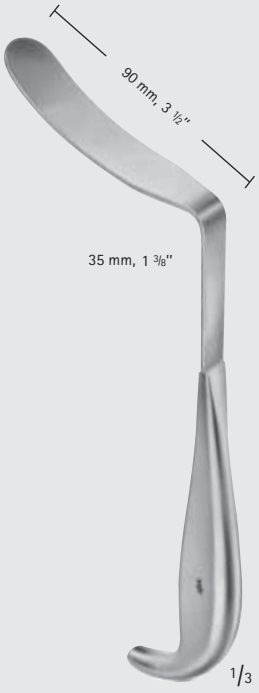
KUGELSCHNELLVERSCHLUSS
BALL SNAP CLOSURE

MILLIN

BV580R

Blasenwundspreizer komplett, bestehend aus:
BV575R Sperrer allein
BV576R Blätter 57 x 25 mm
BV577R Blätter 82 x 25 mm
BV578R Mittelblatt 105 x 45 mm

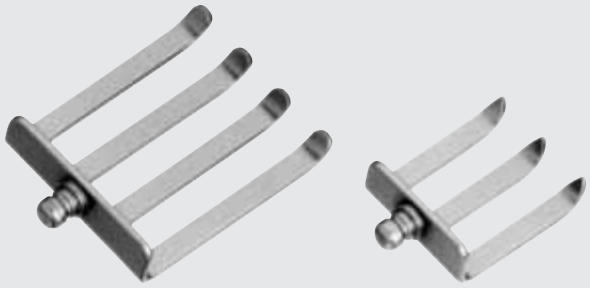
Bladder retractor complete, consisting of:
BV575R Spreader only
BV576R Blades 57 x 25 mm
BV577R Blades 82 x 25 mm
BV578R Center blade 105 x 45 mm



LEGUEU

BV928R

Blasenspatel
Bladder spatula
260 mm, 10 1/4"



BV348R

Blätter (Paar), allein
bestehend aus:
Blatt, stumpf, 60 x 50 mm
Blatt, halbscharf, 40 x 35 mm
Blades (pair), only
consisting of:
Blade, blunt, 60 x 50 mm
Blade, semi-sharp, 40 x 35 mm

BV349R

Poplitea-Sperrer, komplett
bestehend aus:
BV327R Sperrer allein
BV348R Blätter (Paar)
Poplitea retractor, complete
consisting of:
BV327R Retractor only
BV348R Blades (pair)

Wundspreizer, Bauchdeckenhalter – Self-Retaining Retractors, Abdominal Retractors

Retraktions-System MÜNSTER

MÜNSTER Retraction System

„Einer für Alle"

"One for All"

Ein System für alle Indikationen in

- Viszeralchirurgie
- Urologie
- Gynäkologie
- Abdominale Gefäßchirurgie

Eine Vielzahl an Rahmen, Klemmen, Stangen und Wundhaken ermöglicht es, ein individuell angepasstes Retraktions-System zusammenzustellen, welches praktisch keine Wünsche mehr offen lässt.

One system for all indications in

- Visceral surgery
- Urology
- Gynaecology
- Abdominal vascular surgery

The multiplicity of different frames, clamps, rods and retractors permits an individually adjustable retraction system which corresponds to the needs of the customers.

universell, flexibel, sicher, einfach in der Handhabung

universal, safe, easy to use

Weitere Informationen finden Sie in unserem Prospekt **C216**.

For further details see brochure No. **C216.**

Geschlossener Rahmen
Closed frame

Offener Rahmen
Open frame

Wundspreizer, Bauchdeckenhalter – Self-Retaining Retractors, Abdominal Retractors

Retraktions-System FRANKFURT

FRANKFURT Retraction System

Das Mini Retraktionssystem

The Mini Retraction System

Das Retraktionssystem FRANKFURT ist ein universelles Mini Retraktionssystem.

Die Position der Wundhaken auf den Rahmen kann frei gewählt werden. Die Wundhaken sind durch spezielle Befestigungsklemmen mit den Rahmen verbunden und können in allen Dimensionen bewegt werden.

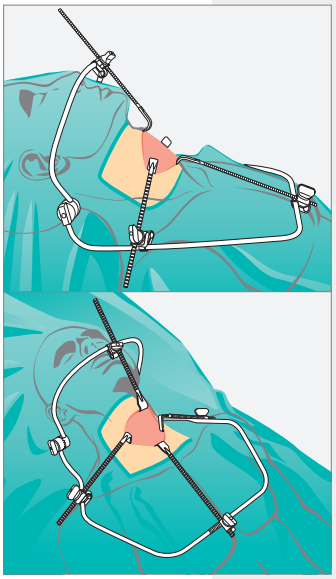
The FRANKFURT retraction system is a universal mini retraction system.

The retractors can be positioned anywhere on the frame. The retractors are fixed to the frame with special fixation clamps and can be moved in any direction and in all dimensions.

Weitere Informationen finden Sie in unserem Prospekt **C779**.

For further details see brochure No. **C779.**

Für die Kinderchirurgie
For Pediatric Surgery



Für Struma Operationen
For Thyroid Operations

Wundspreizer, Bauchdeckenhalter – Self-Retaining Retractors, Abdominal Retractors

UNITRAC® - Retraktions- und Haltesystem

UNITRAC® - Retraction- and Holding System

Retraktion in Perfektion

Retraction in Perfection

Das Retraktions- und Haltesystem für die

- Offene Chirurgie
- Minimalinvasive Chirurgie
- Orthopädie
- Traumatologie

The retraction and holding system for

- Open Surgery
- Minimal Invasive Surgery
- Orthopaedics
- Traumatology

- Universell einsetzbar zum Halten von Wundhaken, Kameras und Endoskopen
  Universal use for holding hooks, retractors, cameras and endoscopes
- Umfangreiches Zubehör an Wundhaken, Kamera- und Endoskophaltern verfügbar
  Extensive range of blades, hooks, camera and endoscope holders available
- Pneumatisch unterstütztes System zum direkten Anschluss an die vorhandene OP-Druckluftversorgung
  Pneumatical supported system for direct connection with the compressed air supply in the operating room
- Betriebsdruck: 5,5 bar bis 12 bar
  Required working pressure: 5.5 bar up to 12 bar
- Einfache Montage an die OP-Tischschiene
  Easy to attach to operating room table
- Schnelle und sterile Bereitstellung im OP
  Quick sterile set-up in operating room
- Dampfsterilisierbar bei 134 °C (2 bar)
  Autoclaveable at 134 °C (2 bar)

Weitere Informationen finden Sie in unserem Prospekt **C474**.
For further details see brochure No. **C474.**

INCHES
1
2
3
4
5
6
7
8

GK

Elektrochirurgie
Electrosurgery

passend für Geräte von Aesculap, ACMI, Berchtold, Martin, Erbe ACC/ICC/VIO
suitable for devices from Aesculap, ACMI, Berchtold, Martin, Erbe ACC/ICC/VIO

GN209

Elektrodenhandgriff, mit Doppelfingertastern
Electrode handle, with two finger pushbuttons

GN207

Elektrodenhandgriff, ohne Fingertaster
Electrode handle, without finger pushbuttons

passend für Geräte von Aesculap, ACMI, Berchtold, Martin
suitable for devices from Aesculap, ACMI, Berchtold, Martin

GN203-GN205

Kabel für Elektrodenhandgriff
Cable for electrode handle

GN203	GN205
3,5 m	5,0 m

passend für Geräte von Erbe ACC/ICC/VIO
suitable for devices from Erbe ACC/ICC/VIO

GN213-GN215

Kabel für Elektrodenhandgriff
Cable for electrode handle

GN213	GN215
3,0 m	5,0 m

passend für Geräte von Aesculap, ACMI, Berchtold, Conmed, Martin, Valleylab
suitable for devices from Aesculap, ACMI, Berchtold, Conmed, Martin, Valleylab

GK252Y

Elektrodenhandgriff ohne Fingertaster, Stecker US-Norm
Electrode handle, without finger pushbuttons, plug according to US standard

GK253Y

Elektrodenhandgriff mit Doppelfingertastern, Stecker US-Norm
Electrode handle, with two finger pushbuttons, plug according to US standard

passend für Geräte von Aesculap, ACMI, Berchtold, Martin
suitable for devices from Aesculap, ACMI, Berchtold, Martin

Slim Style

GN206

Elektrodenhandgriff, ohne Fingertaster
Electrode handle, without finger pushbuttons

Slim Style

GN218

Elektrodenhandgriff, ohne Fingertaster
Electrode handle, without finger pushbuttons

Slim Style

GN208

Elektrodenhandgriff, ohne Fingertaster
Electrode handle, without finger pushbuttons

passend für Geräte von Aesculap, ACMI, Berchtold, Conmed, Martin, Valleylab
suitable for devices from Aesculap, ACMI, Berchtold, Conmed, Martin, Valleylab

Slim Style

GN210-GN212

Elektrodenhandgriff mit Doppelfingertastern, Stecker US-Norm
Electrode handle, with two finger pushbottons, plug according to US standard

	GN210	GN212
ø	2,4 mm	4,0 mm
diam.	2.0 mm	4.0 mm

Single Use

GN211

Einmal-Elektrodenhandgriff, mit Fingertastern, Stecker US Norm
Single use electrode handle, with finger pushbuttons, plug according to US standard

Single Use

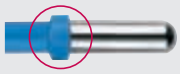
GN221

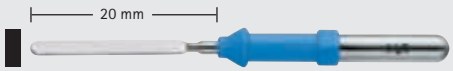
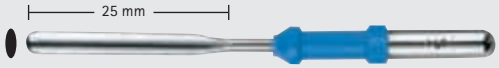
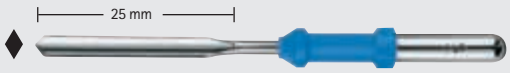
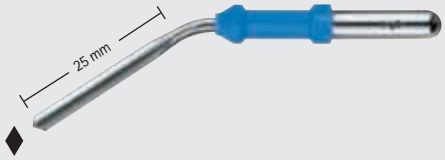
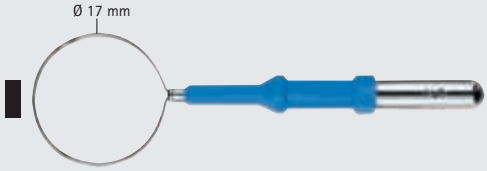
Einmal-Elektrodenhandgriff, ohne Fingertaster
Single use electrode handle, without finger pushbuttons

Single Use

Elektrodenhandgriffe
Electrodes handles
Bestelleinheit:
PAK = Packung à 50 Stück, einzeln steril verpackt
Sales unit:
PAK = Package of 50 pieces, in individual sterile packs

mit Sechskantverdrehschutz
with hexagonal anti-twist protection

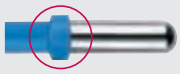


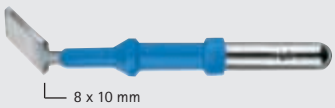
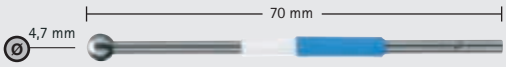
		ø 4,0 mm diam. 4.0 mm	ø 2,4 mm diam. 2.4 mm
Messerelektroden Knife electrodes		GK110R	GK140R
Lanzettenelektroden Cutting electrodes		GK111R	GK141R
		GK112R	GK142R
		GK113R	GK143R
Nadelelektroden Needle electrodes		GK114R	GK144R
Schlingenelektroden Loop electrodes		GK115R	GK145R
		GK116R	GK146R
		GK117R	GK147R
		GK118R	GK148R

Elektrochirurgie – Electro Surgery

Kurze Arbeitselektroden
Short Working Electrodes

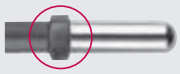
mit Sechskantverdrehschutz
with hexagonal anti-twist protection



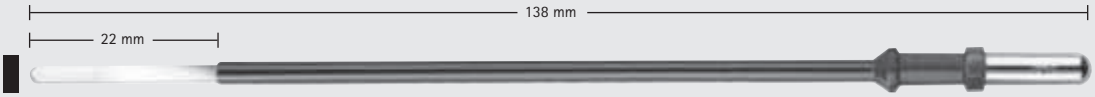
		ø 4,0 mm diam. 4.0 mm	ø 2,4 mm diam. 2.4 mm
Kugelelektroden Ball electrodes		GK121R	GK151R
		GK122R	GK152R
Plattenelektroden Plate electrodes		GK123R	GK153R
Chirurgie-Elektroden-Set bestehend aus: Behälter, Ständer und 12 Elektroden Surgical electrodes set consisting of: container, rack and 12 electrodes		GK174R	
Single Use Kugelelektrode Ball electrode			GK164R
Single Use Nadelelektrode Needle electrode			GK165R

Single Use
Elektrodenhandgriffe
Electrodes handles
Bestelleinheit:
PAK = Packung à 50 Stück, einzeln steril verpackt
Sales unit:
PAK = Package of 50 pieces, in individual sterile packs

mit Sechskantverdrehschutz
with hexagonal anti-twist protection

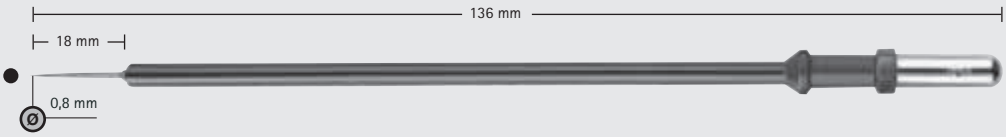


	ø 4,0 mm diam. 4.0 mm	ø 2,4 mm diam. 2.4 mm



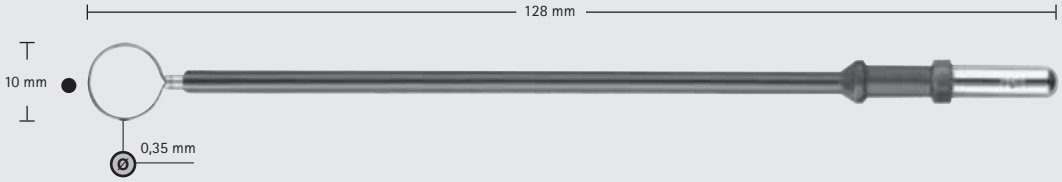
Messerelektroden
Knife electrodes

GK125R | GK155R



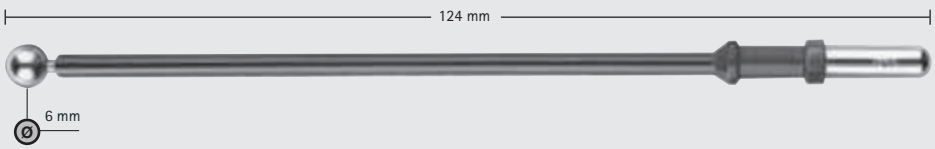
Nadelelektroden
Needle electrodes

GK127R | GK157R



Drahtschlingenelektrode
Wire loop electrode

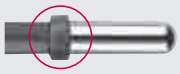
GK128R



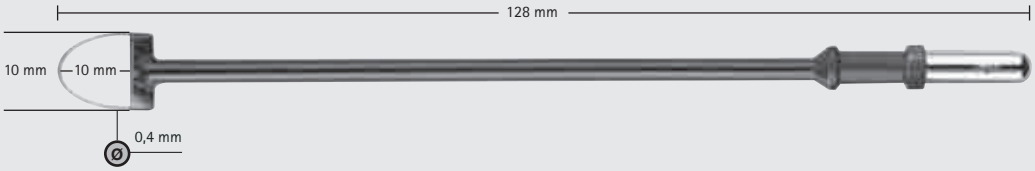
Kugelelektrode
Ball electrode

GK129R

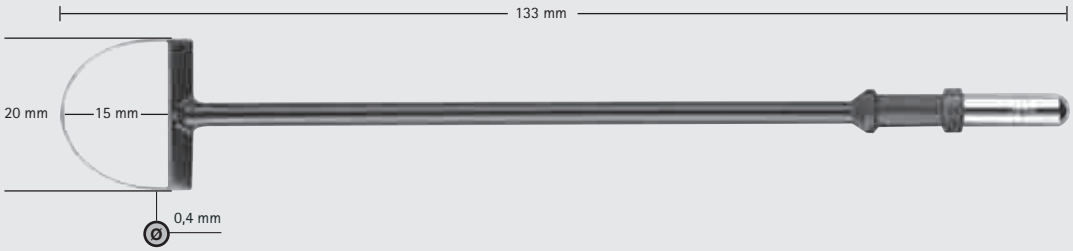
mit Sechskantverdrehschutz
with hexagonal anti-twist protection



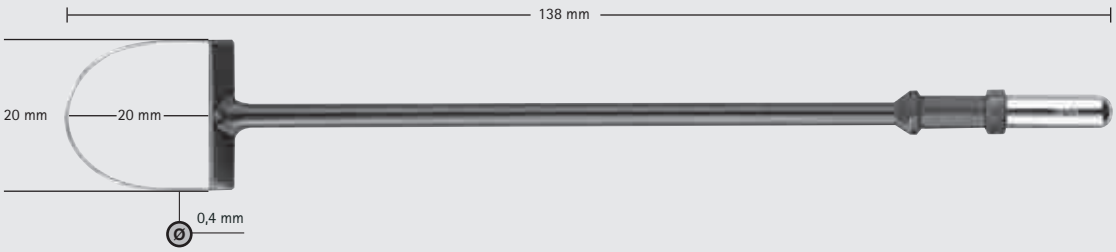
ø 4,0 mm
diam. 4.0 mm



GK131R



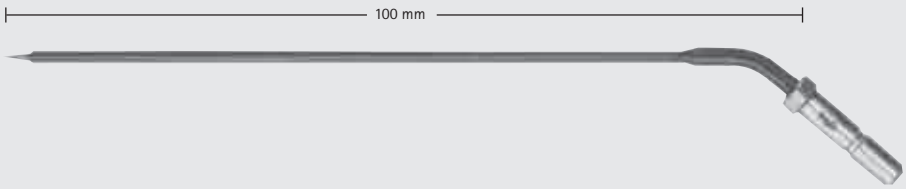
GK132R



GK133R

GK131R-GK133R

Drahtschlingenelektroden zur Konisation der Portio
Wire loop electrodes for conization of the portio



GK424

Stichkoagulationsnadel für die Nasenmuschel
Needle electrode for nasal concha

GN227

Elektrodenhandgriff, ohne Fingertaster
Electrode handle, without finger pushbuttons

GN229

Elektrodenhandgriff, mit Doppelfingertastern
Electrode handle, with two finger pushbuttons

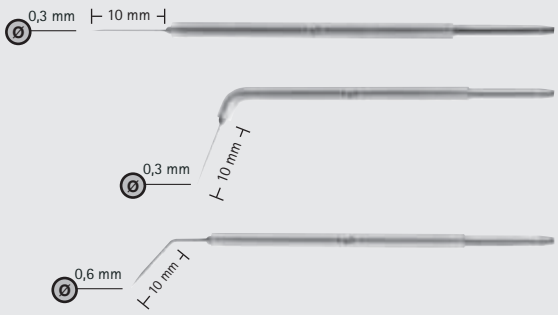
passend für Geräte von Aesculap, ACMI, Berchtold, Martin
suitable for devices from Aesculap, ACMI, Berchtold, Martin

GN203-GN205

Kabel für Elektrodenhandgriff
Cable for electrode handle

GN203	GN205
3,5 m	5,0 m

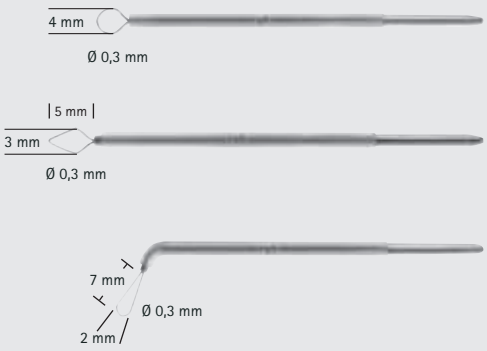
GK301R-GK305R
Nadelelektroden
Needle electrodes



ø 1,7 mm
diam. 1.7 mm

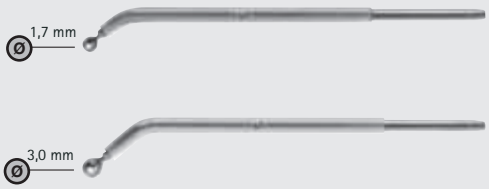
GK301R
GK303R
GK305R

GK307R-GK315R
Schlingenelektroden
Loop electrodes



GK307R
GK310R
GK315R

GK320R-GK321R
Kugelelektroden
Ball electrodes



GK320R
GK321R

GK680R
Behälter mit Deckel
Container with lid

GK681R
Ständer für Mikro-Elektroden
Rack for micro electrodes

GK683R
Ständer für Chirurgie-Elektroden
Rack for surgery electrodes

ABBEY

OL189R

Schleimhautnadel
Mucosa needle

BC608R

Schere, isoliert
Scissors, insulated
200 mm, 8""

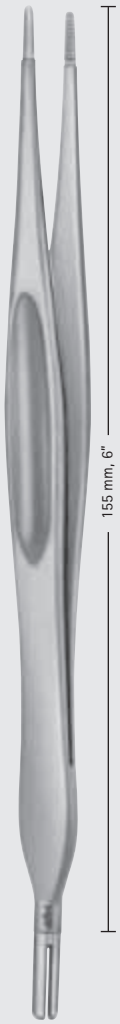
Elektrochirurgie – Electro Surgery

Pinzetten, isoliert

Forceps, Insulated

GK012R

130 mm, 5 1/8"



GK005R

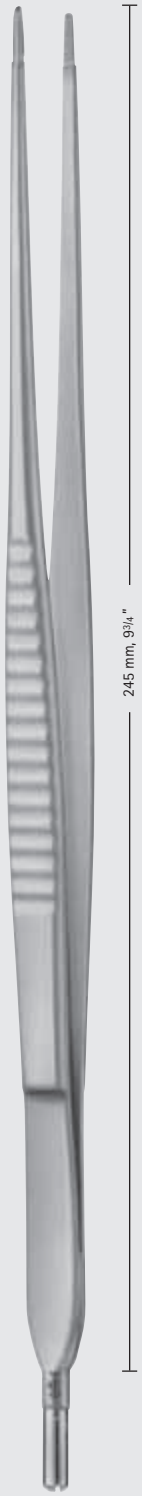
180 mm, 7"

GK007R

200 mm, 8"

GK010R

230 mm, 9"



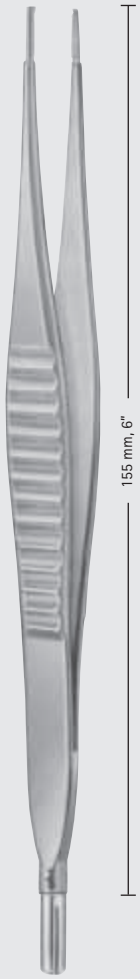
GK013R

270 mm, 10 3/4"

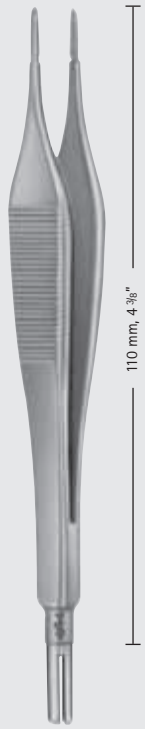
GK033R

350 mm, 14"

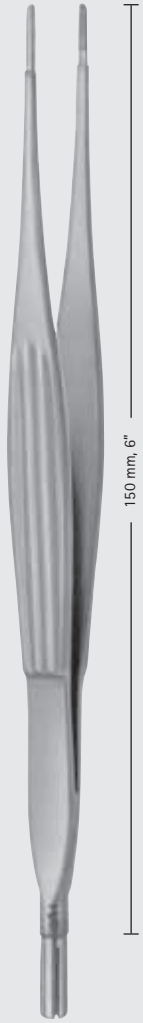
ADSON
GK015R
150 mm, 6"



GILLES
GK006R
1 x 2 Zähne
1 x 2 teeth
170 mm, 6 ¾"

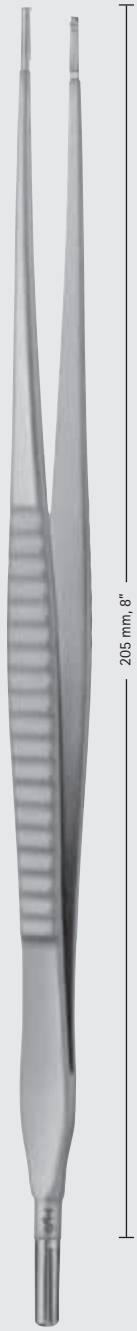


TURNER
GK008R
130 mm, 5 ⅛"



MC INDOE
GK009R
175 mm, 7"

WAUGH
GK016R
230 mm, 9"



WAUGH
GK017R
1 x 2 Zähne
1 x 2 teeth
230 mm, 9"

REMINGTON-HOBB

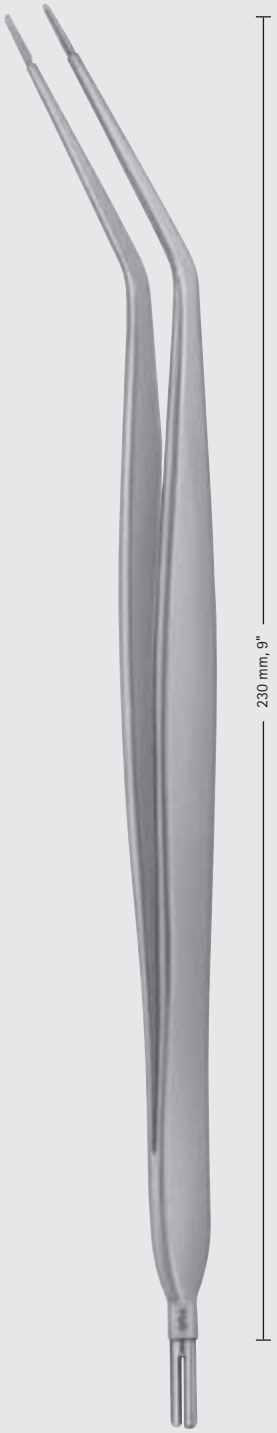
GK737R

250 mm, 10"

REMINGTON-HOBB

GK738R

1 x 2 Zähne
1 x 2 teeth
270 mm, 10 3/4"



REMINGTON-HOBB

GK739R

250 mm, 10"

BD852R	BD853R	BD854R
200 mm	240 mm	300 mm
8"	9 1/2"	12"

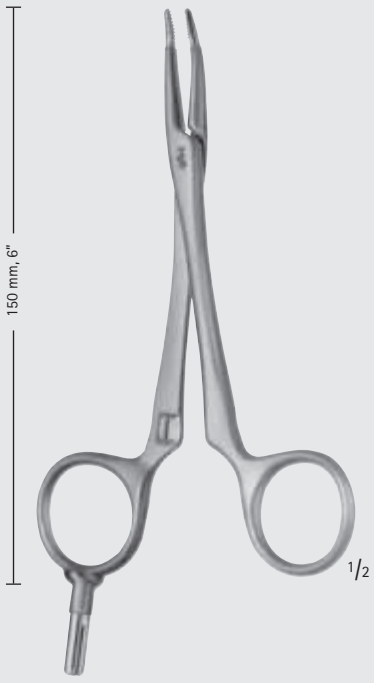
Anatomische Pinzette
Dissecting Forceps

BD855R	BD856R	BD857R
200 mm	240 mm	300 mm
8"	9 1/2"	12"

1 x 2 Zähne
1 x 2 teeth

ATRAUMATA®

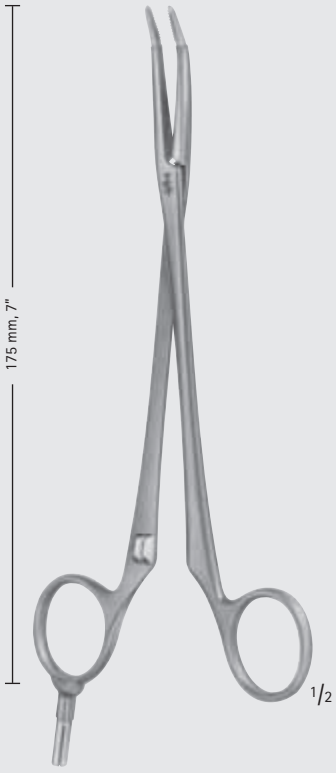
BD858R	BD859R	BD860R
200 mm	240 mm	300 mm
8"	9 1/2"	12"



RICHES

BH353R

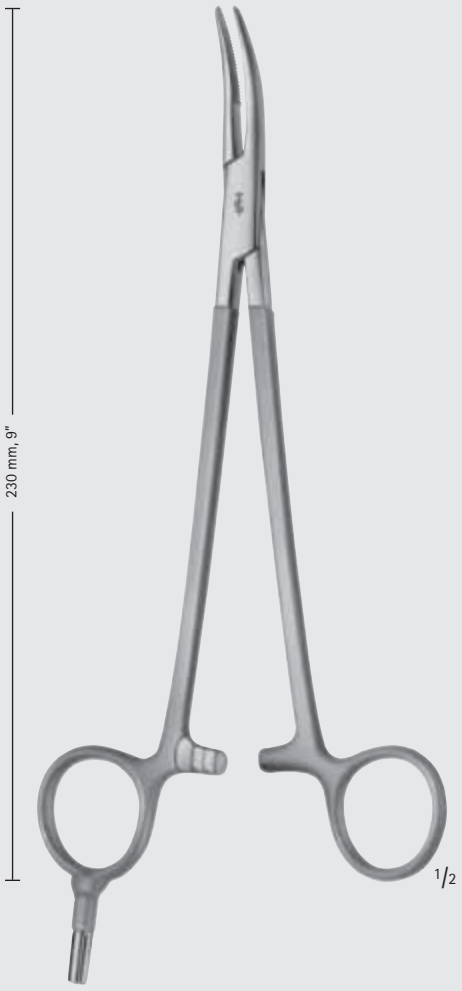
175 mm, 7"



RICHES

BH354R

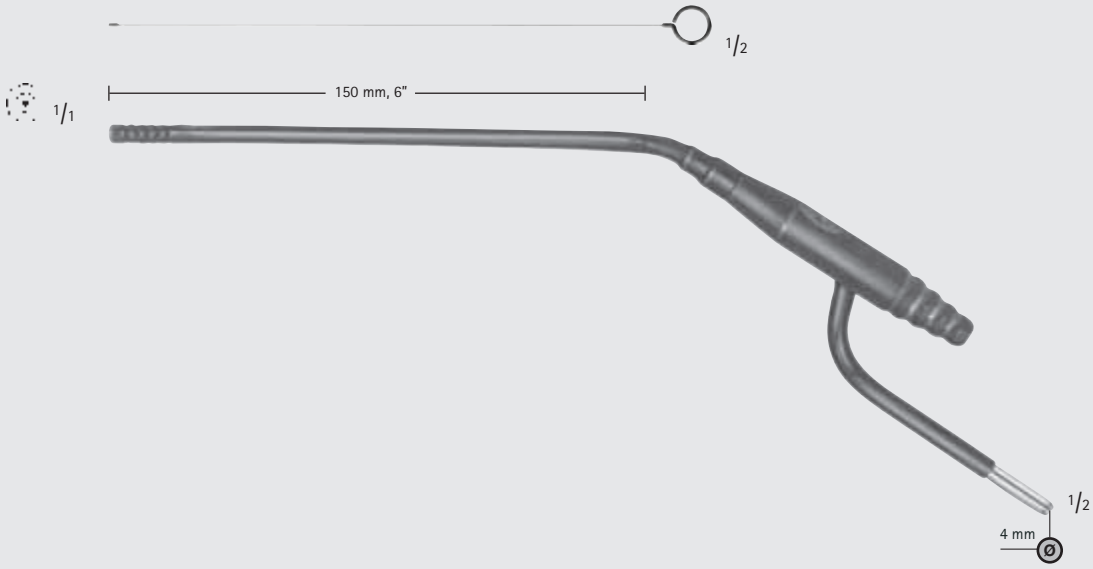
200 mm, 8"



WILSON-HEY

BH243R

255 mm, 10"



LANDOLT

GK550

Koagulations-Absaugkanüle mit Mandrin

Coagulation suction cannula with mandrel

	Geräteseite - Hersteller On the equipment side - Manufacturer		Instrumentenseite On the instrument side
GN202 3,5 m	Aesculap ACMI Berchtold Martin		
GN204 3,5 m			
GK239 3,5 m	Erbe ACC/ICC		
		Monopolar Adapter Monopolar adapter	
GN216	Aesculap		Erbe, Storz
GK245 3,5 m	Erbe T		
GK180 3,5 m			
GK246 3,5 m	ACMI Conmed Erbe ICC intern. Eschmann Valleylab US-Norm		
GK181 3,5 m			

Aesculap Rundstecker
Aesculap round pin connector

schwarz isoliert
black insulation

0,4 mm

1/1

GK690R
120 mm, 4 3/4"

0,6 mm 0,9 mm

1/1 1/1

GK720R **GK722R**

GK720R–GK722R
160 mm, 6 1/4"

0,9 mm

1/1

GK723R
160 mm, 6 1/4"

0,9 mm

1/1

GK730R
200 mm, 8"

Drahtbürstchen zum Reinigen von Koagulationspinzetten und Koagulationselektroden.
Wire brush for cleaning coagulation forceps and coagulation electrodes.

GK299

Euro Flachstecker
Euro tab connector

GK809R
scharf
sharp
125 mm, 5"

GK807R
fein
delicate
175 mm, 7"

GK808R
fein
delicate
220 mm, 8 3/4"

Aesculap Flachstecker
Aesculap tab connector

0,6 mm 0,9 mm

1/1 1/1

GK700R **GK701R**

GK700R–GK701R
160 mm, 6 1/4"

0,9 mm

1/1

GK703R
200 mm, 8"

0,9 mm

1/1

GK711R
160 mm, 6 1/4"

0,9 mm

1/1

GK713R
200 mm, 8"

Aesculap Flachstecker
Aesculap tab connector

GK595R
120 mm, 4 3/4"

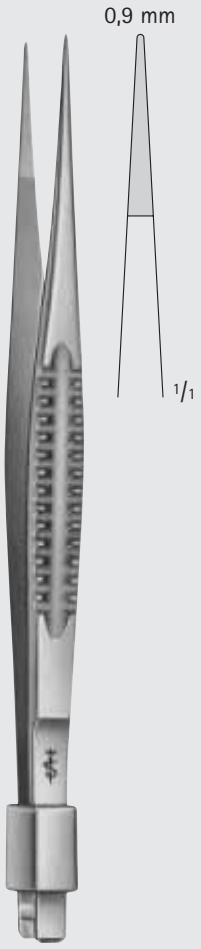
GK596R
145 mm, 5 3/4"

GK597R
110 mm, 4 3/8"

Aesculap Flachstecker
Aesculap tab connector

NON STICKING

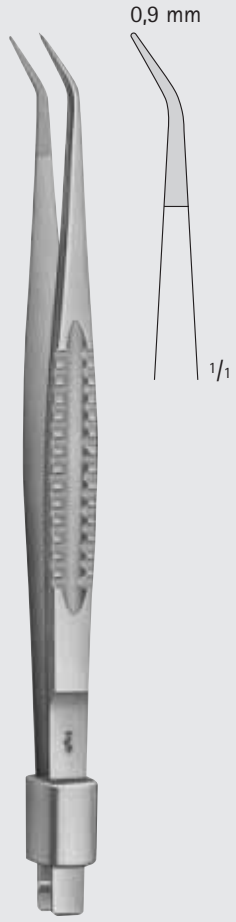
Bipolare Koagulationspinzette mit Sintram-Spitzen verhindern das Ankleben der koagulierten Gefäße.
Bipolar coagulation forceps with Sintram tips do not stick to coagulated vessels.



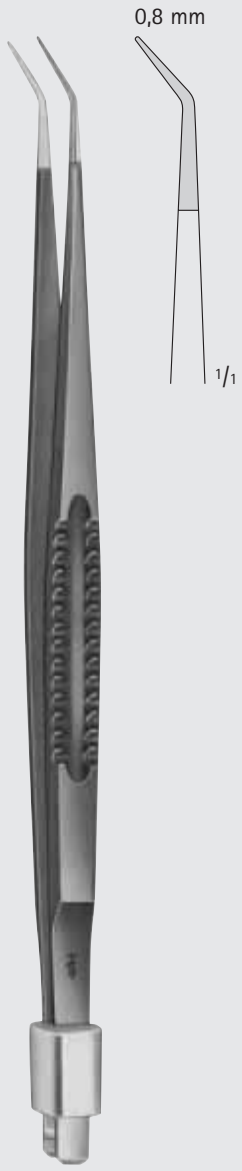
GK604R
160 mm, 6 1/4"
gerade
straight

GK605R
185 mm, 7 1/4"
gerade
straight

GK606R
200 mm, 8"
gerade
straight



GK624R
160 mm, 6 1/4"
abgewinkelt
angled



GK625R
200 mm, 8"
abgewinkelt
angled

Elektrochirurgie – Electro Surgery

Pinzette, vollisolierte Spitze

Forceps, Fully Insulated Tip

bipoJet

Aesculap Flachstecker

Aesculap tab connector

BARRE

GK685R

260 mm,
10 1/4"

GK881R

160 mm,
6 1/4"

GK882R

200 mm,
8"

GK883R

230 mm, 9"

GK884R

250 mm,
10"

GK885R

300 mm,
12"

GK886R

160 mm,
6 1/4"

bipoJet

Aesculap Flachstecker
Aesculap tab connector

GK891R
160 mm,
6 1/4"

GK892R
200 mm,
8"

GK893R
230 mm,
9"

GK894R
250 mm,
10"

GK895R
300 mm,
12"

GK896R
160 mm,
6 1/4"

bipoJet

METZENBAUM
BC685R-BC686R
180 mm, 7"

METZENBAUM
BC687R-BC688R
230 mm, 9"

METZENBAUM
BC689R-BC690R
280 mm, 11"

Länge Length	Standard-Spitze Standard tip	Feine Spitze Fine tip
180 mm 7"	**BC685R**	**BC686R**
230 mm 9"	**BC687R**	**BC688R**
280 mm 11"	**BC689R**	**BC690R**

Anti Verdreh Kabel
Kabel und Anschlüsse sind so konstruiert, dass sich die Kabel nicht verdrehen können. Dadurch ist gewährleistet, dass die Schere auch nach mehrmaligem Rotieren noch geöffnet werden kann.

Anti-twist cable
The BiopJet cable and jack are designed and constructed in such a way that the cable cannot become twisted. This means that the scissors can still be opened even after being rotated repeatedly.

bipoJet

1/1

BH686R	BH687R	BH689R
180 mm	230 mm	280 mm
7"	9"	11"

BH686R-BH689R

Bipolare Handschalter
- ermöglichen die Aktivierung des HF Generators ohne Fußschalter
- verwendbar mit GN640 Nelson deluxe oder der bipolaren Schaltbox GN310

Bipolar finger switches
- allows the activation of the HF generator without foot switch
- to be used with GN640 Nelson deluxe or with the bipolar switch box GN310

GN084

für BipoJet Schere
for BipoJet scissors

GN086

für BipoJet Klemmen
for BipoJet clamps

Nelson Bibox - Bipolare Schaltbox
- ermöglicht den Anschluss der Handschalter GN084 und GN086 an HF Geräte anderer Hersteller
- es können bis zu zwei bipolare Instrumente mit Hand- oder Fußschalter betrieben werden

Nelson Bibox - Bipolar switchbox
- allows the connection of the finger switches GN084 and GN086 to HF units of other suppliers
- allows the use of two bipolar instruments parallely with finger or foot switch activation

305 x 75 x 305 mm

GN310

Nelson Bibox
Bipolare Schaltbox

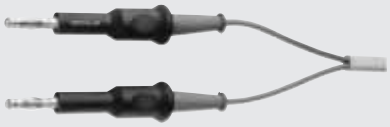
Nelson Bibox
Bipolar switchbox

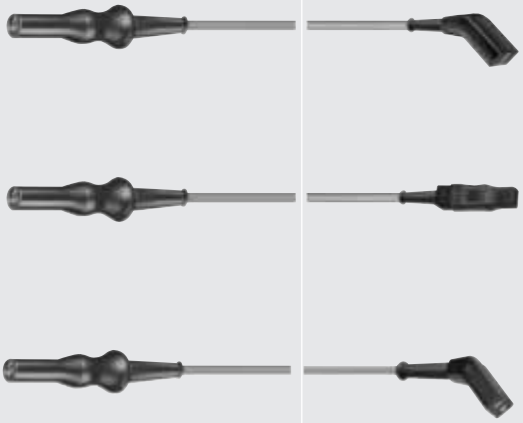
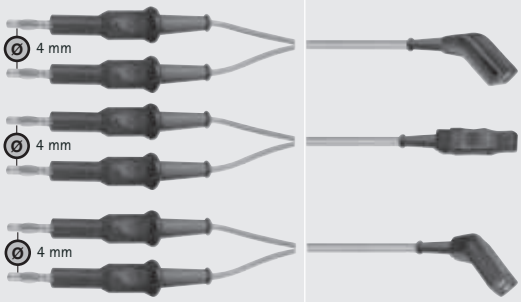
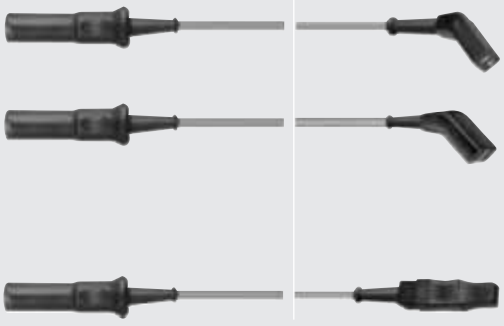
Weitere Informationen finden Sie in unserem Prospekt C304.
For further details see brochure No. C304.

Elektrochirurgie – Electro Surgery

Anschlusskabel
Connecting Cables

bipoJet

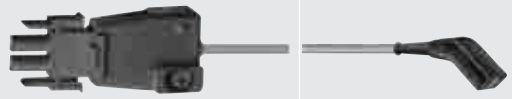
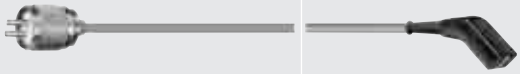
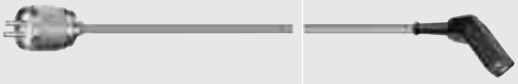
	Geräteseite - Hersteller On the equipment side - Manufacturer		Instrumentenseite On the instrument side
GN080 5 m	ACMI Codman Conmed Erbe international Olympus Valleylab		
GN081 5 m	Aesculap Berchthold Martin R. Wolf		
GN082 5 m	Erbe Storz		
GN083 5 m	Für Aesculap Elektrochirurgie Geräte: For Aesculap Generators: GK020 GK021 GK030 GK034 GK050 GK051		
GN085 5 m	Aesculap Bowa EMC Lamidey Söring Valleylab		

	Geräteseite - Hersteller On the equipment side - Manufacturer		Instrumentenseite On the instrument side
GN073 3,5 m **GN077** 5,0 m **GN076** 3,5 m **GN078** 5,0 m **GN074** 3,5 m	Aesculap ACMI Berchtold Martin Wolf		Aesculap Flachstecker tab connector Euro-Flachstecker Euro tab connector Aesculap Rundstiftstecker Round pin connector
GK200 3,5 m **GK183** 3,5 m **GK210** 3,5 m	Aesculap ACMI Codman Conmed Olympus Valleylab		Aesculap Flachstecker tab connector Euro-Flachstecker Euro tab connector Aesculap Rundstiftstecker Round pin connector
XF830 3,5 m **GK216** 3,5 m **GK213** 5 m **GK185** 3,5 m **GK188** 5,0 m	Erbe Storz		Aesculap Rundstiftstecker Round pin connector Aesculap Flachstecker tab connector Euro-Flachstecker Euro tab connector
GN217	Aesculap	Bipolar Adapter Bipolar adapter 	Erbe, Storz

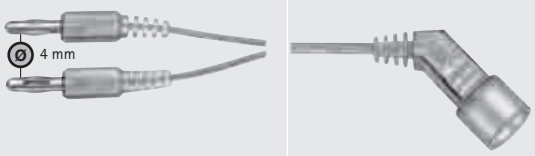
Elektrochirurgie – Electro Surgery

Anschlusskabel
Connecting Cables

BIPOLAR

	Geräteseite - Hersteller On the equipment side - Manufacturer		Instrumentenseite On the instrument side
GK217 3,5 m	Codman		Aesculap Flachstecker tab connector
GK193 3,5 m	Aesculap Bowa EMC Lamidey Söring Valleylab		Aesculap Flachstecker tab connector
GK194 3,5 m			Euro-Flachstecker Euro tab connector
GK202 3,5 m	AESCULAP GK020 GK021 GK030 GK034 GK050 GK051		Aesculap Flachstecker tab connector
GK212 3,5 m			Aesculap Rundstiftstecker Round pin connector

Single Use

GK211 3,5 m **PAK** = Packung à 10 Stück **PAK** = Package of 10 pieces	AESCULAP ACMI Codman Conmed Olympus Valleylab		für Pinzetten mit Aesculap-Flachstecker und Rundstiftstecker for forceps with Aesculap tab connector and round pin connector

Weitere Informationen finden Sie in unserem Prospekt **C30481**.

For further details see brochure No. **C30481.**

Inhalt C30481 „Elektrochirurgie Zubehör"
Table of Contents C30481 "Electrosurgical Assessories"

⌘ Geräte und Zubehör
Units and Accessories

⌘ Monopolares Equipment für die offene Chirurgie
Monopolar equipment for open surgery

⌘ Bipolares Equipment – Koagulationspinzetten
Bipolar equipment – Coagulation forceps

⌘ Neutralelektroden
Neutral electrodes

⌘ Kabel und Adapter
Cables and Adapter

⌘ Elektrochirurgie in der Endoskopie
Electrosurgical Endoscopy

INCHES
1
2
3
4
5
6
7
8

EA

Abdominale Chirurgie, Magen-, Darm- und Rektum-Instrumente

Abdominal Surgery, Intestinal- and Rectal Instruments

Abdominale Chirurgie – Abdominal Surgery

Darm- und Gewebefasszangen

Intestinal- and Tissue Grasping Forceps

2 x 3 Zähne, scharf
2 x 3 teeth, sharp

CHAPUT

BF300R

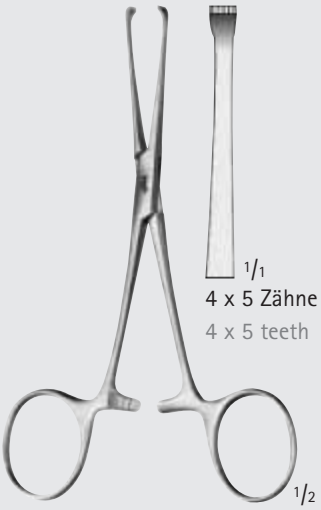
125 mm, 5"

5 x 6 Zähne, scharf
5 x 6 teeth, sharp

TUFFIER

BF301R

125 mm, 5"



4 x 5 Zähne
4 x 5 teeth

BABY-ALLIS

EA012R

130 mm, 5 1/8"

5 x 6 Zähne
5 x 6 teeth

BOYS-ALLIS

EA010R

155 mm, 6"

9 x 10 Zähne
9 x 10 teeth

ALLIS-ADAIR

MD568

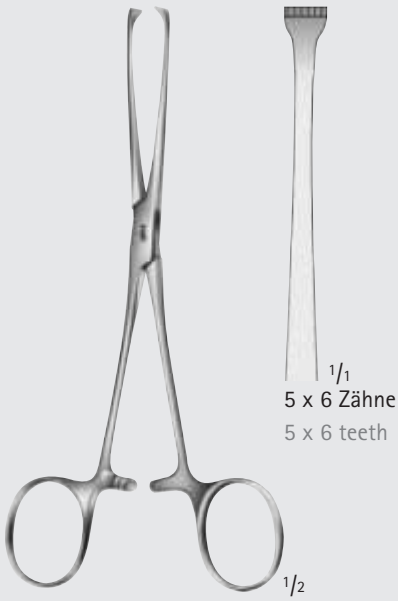
160 mm, 6 1/4"

EA013R	EA014R	EA015R
2 x 3 Zähne 2 x 3 teeth	3 x 4 Zähne 3 x 4 teeth	4 x 5 Zähne 4 x 5 teeth

ALLIS

EA013R-EA015R

155 mm, 6"



5 x 6 Zähne
5 x 6 teeth

ALLIS

EA016R

155 mm, 6"

EA017R	EA018R
190 mm	255 mm
7 1/2"	10"

ALLIS

EA017R-EA018R

5 x 6 Zähne
zarte Modelle
5 x 6 teeth
slendern patterns

ALLIS

FB938R

220 mm, 8 3/4"

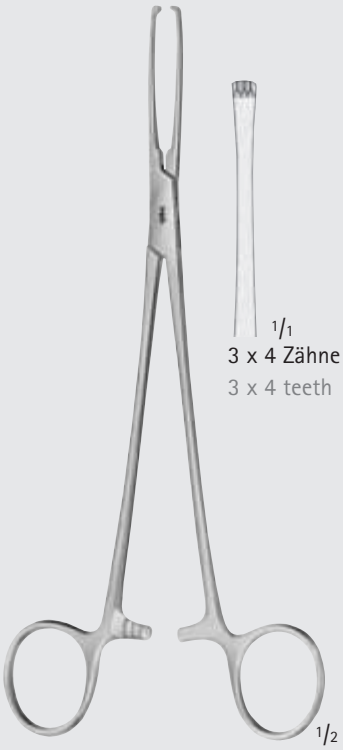
Abdominale Chirurgie – Abdominal Surgery

Organ- und Gewebefasszangen
Organ- and Tissue Grasping Forceps

JUDD-ALLIS

EA025R

155 mm, 6"



JUDD-ALLIS

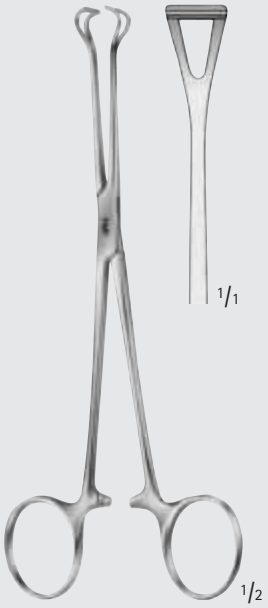
EA026R

195 mm, 7 3/4"

ALLIS-THOMS

EA020R

200 mm, 8"



BABCOCK

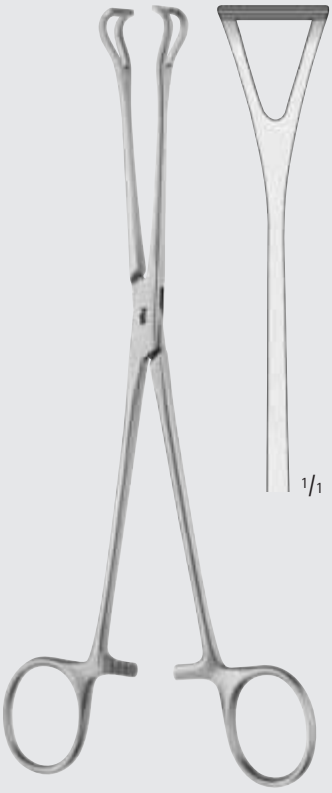
EA030R

155 mm, 6"

EA031R	EA032R	EA033R
170 mm	215 mm	200 mm
6 3/4"	8 1/2"	8"

BABCOCK

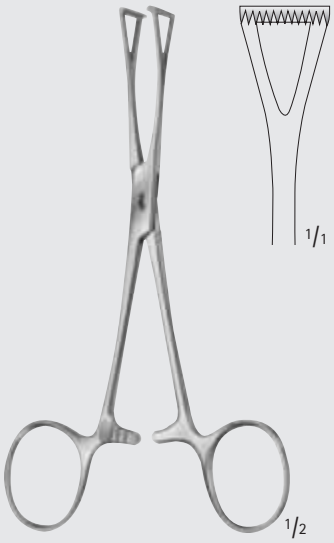
EA031R–EA033R



BABCOCK

FB934R

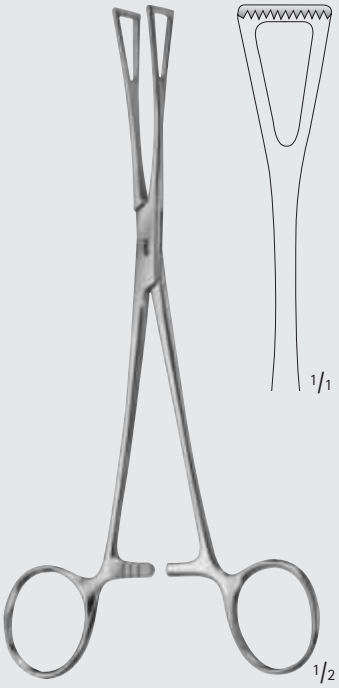
220 mm, 8 3/4"



COLLIN

EA039R

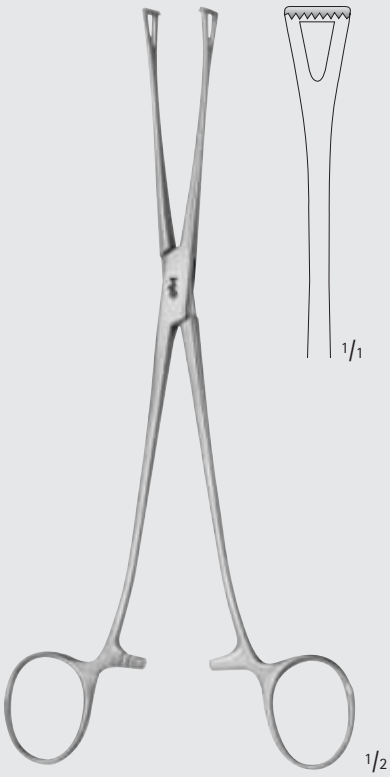
140 mm, 5 1/2"



COLLIN

EA040R

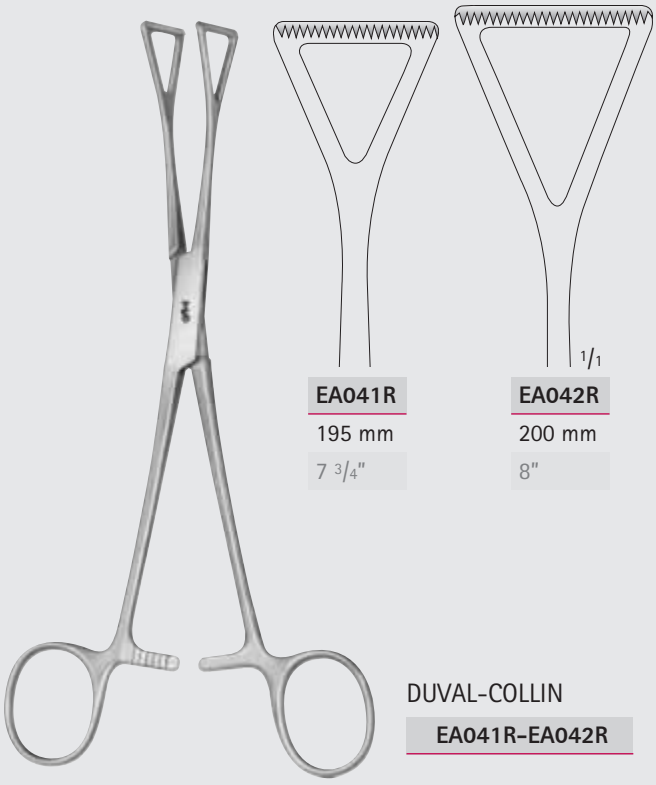
180 mm, 7"



LOCKWOOD

EA036R

200 mm, 8"



EA041R

195 mm

7 3/4"

EA042R

200 mm

8"

DUVAL-COLLIN

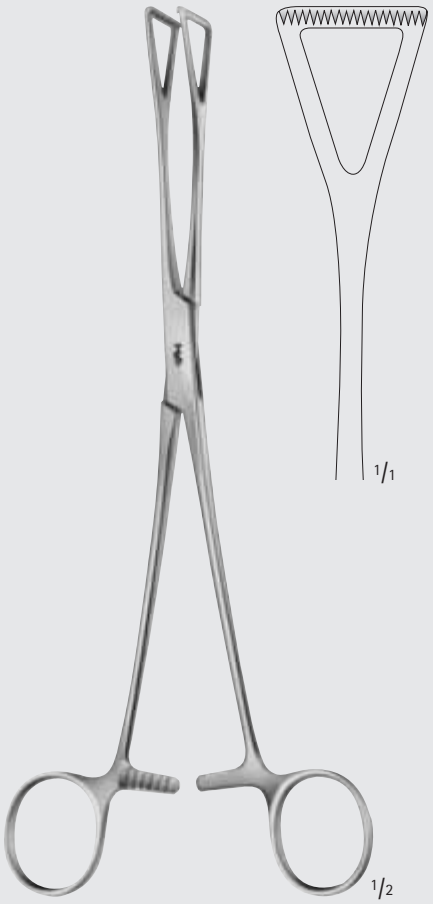
EA041R–EA042R

MILLIMETERS

Abdominale Chirurgie – Abdominal Surgery

Darmfasszangen

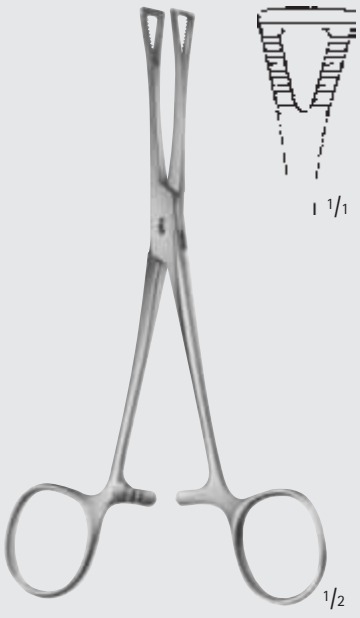
Intestinal Grasping Forceps



DUVAL

FB930R

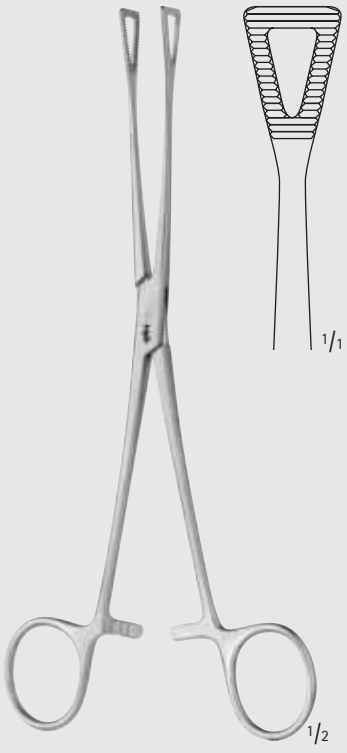
230 mm, 9″



PENNINGTON

BH902R

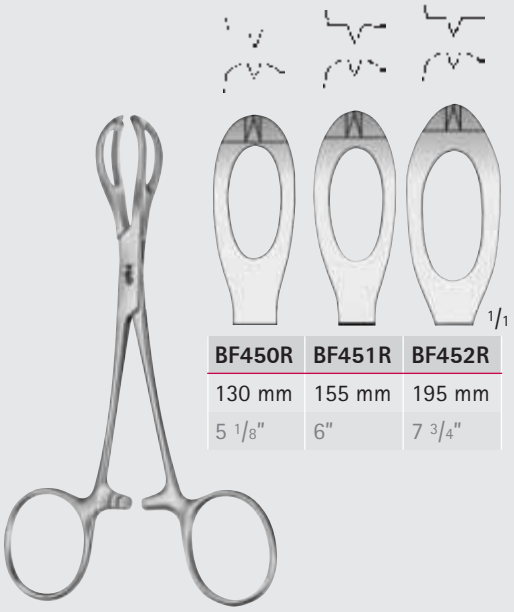
155 mm, 6″



PENNINGTON

EA037R

200 mm, 8″



BF450R	BF451R	BF452R
130 mm	155 mm	195 mm
5 1/8"	6"	7 3/4"

LANE

BF450R–BF452R

WILLIAMS

EA028R

160 mm, 6 1/4"

DENIS-BROWNE

EA027R

190 mm, 7 1/2"

DUVAL

BD820R

140 mm, 5 1/2"

BD171R	BD173R
150 mm	230 mm
6"	9"

WANGENSTEEN

BD171R–BD173R

BD725R	BD726R	BD727R
180 mm	200 mm	250 mm
7"	8"	10"
3 x 4 Zähne	3 x 4 Zähne	4 x 5 Zähne
3 x 4 teeth	3 x 4 teeth	4 x 5 teeth

STILLE-BARRAYA

BD725R–BD727R

Abdominale Chirurgie – Abdominal Surgery

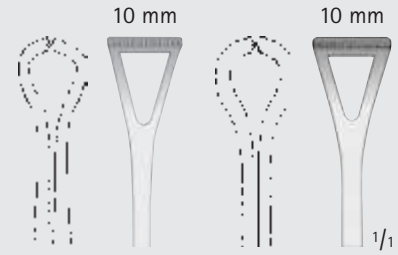
Organ-, Gewebe- und Darmfasszangen

Organ-, Tissue and Intestinal Grasping Forceps

EA092R	EA095R	EA096R	EA097R	EA099R	EA101R	EA100R
155 mm	200 mm	220 mm	255 mm	300 mm	350 mm	295 mm
6""	8"	8 3/4"	10"	12"	14"	11 3/4"

ALLIS

EA092R-EA101R

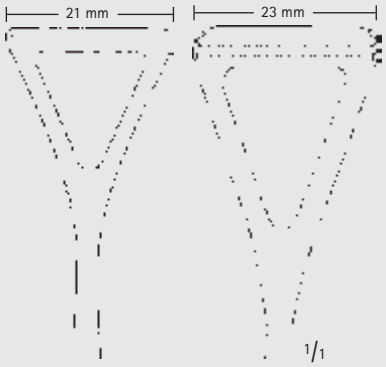


EA050R
160 mm
6 1/4"

EA052R
215 mm
8 1/2"

BABCOCK

EA050R-EA052R



EA061R
195 mm
7 3/4"

EA062R
230 mm
9"

COLLIN

EA061R-EA062R

BABCOCK

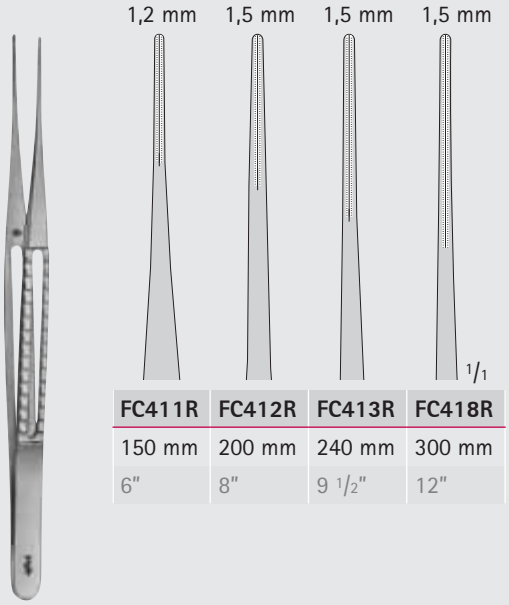
FB936R

220 mm, 8 3/4"

BABCOCK

MD470

240 mm, 9 1/2"

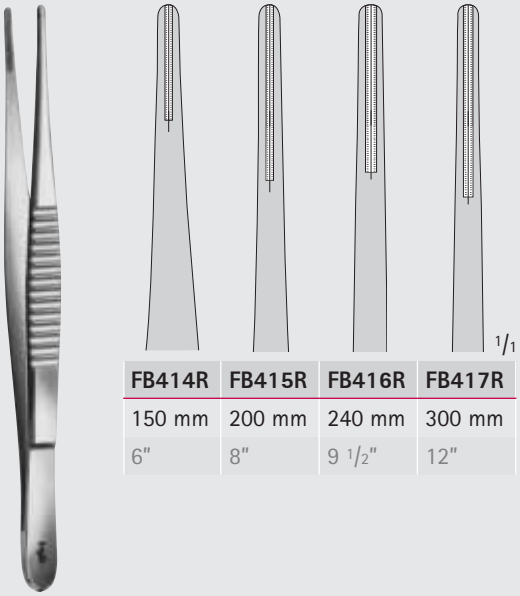


FC411R	FC412R	FC413R	FC418R
150 mm	200 mm	240 mm	300 mm
6"	8"	9 1/2"	12"

FC411R–FC418R
Ultra-Light Pinzetten
Ultra-Light-Forceps

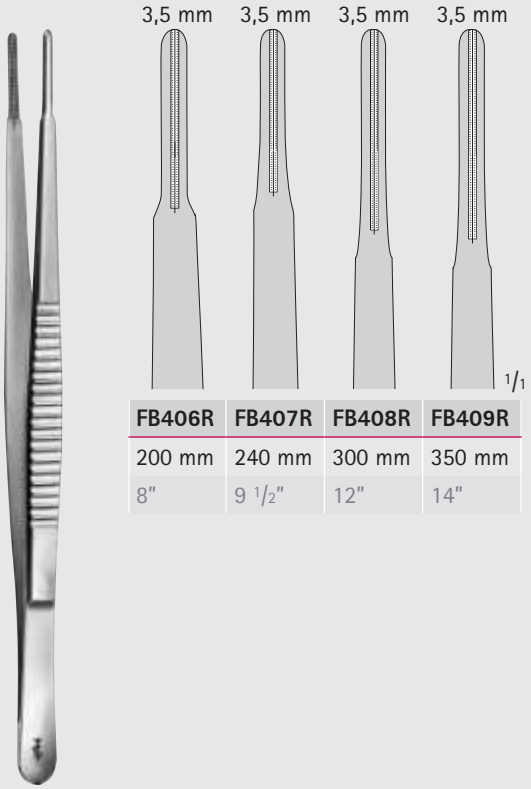
FB400R	FB402R	FB404R	FB405R
150 mm	200 mm	240 mm	300 mm
6"	8"	9 1/2"	12"

DE BAKEY
FB400R–FB405R



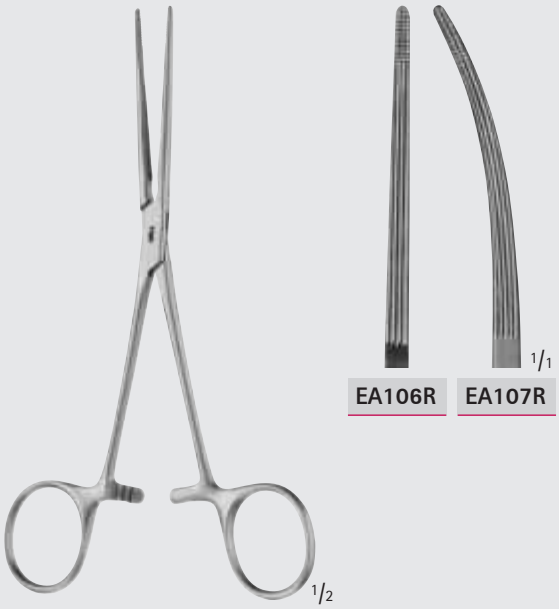
FB414R	FB415R	FB416R	FB417R
150 mm	200 mm	240 mm	300 mm
6"	8"	9 1/2"	12"

DE BAKEY
FB414R–FB417R



FB406R	FB407R	FB408R	FB409R
200 mm	240 mm	300 mm	350 mm
8"	9 1/2"	12"	14"

DE BAKEY
FB406R–FB409R
350 mm, 14"



EA106R EA107R

BAINBRIDGE

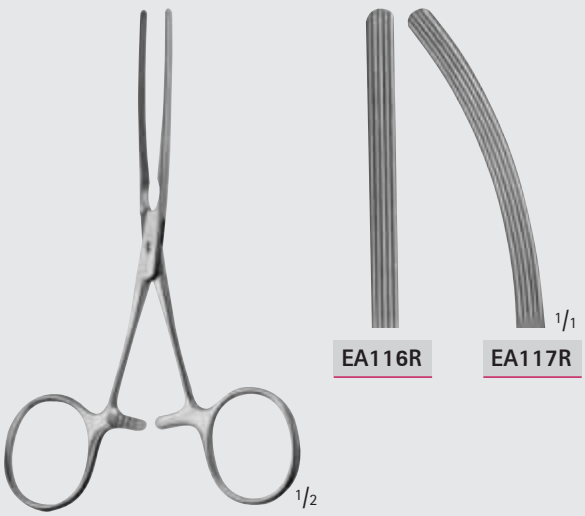
EA106R-EA107R

155 mm, 6"

ALLEN

EA114R

155 mm, 6"



EA116R EA117R

BABY-KOCHER

EA116R-EA117R

sehr elastisch
very elastic
130 mm, 5 1/8"

ATRAUMATA®

EA220R EA221R

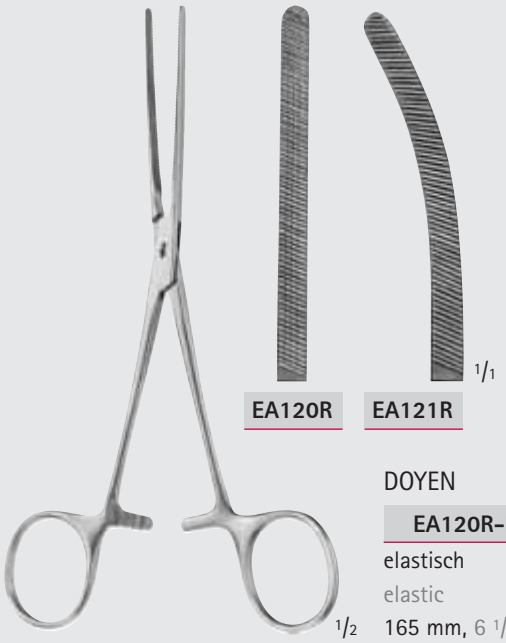
BABY-KOCHER

EA220R-EA221R

weich und elastisch
soft and elastic
130 mm, 5 1/8"

Abdominale Chirurgie – Abdominal Surgery

Darmklemmen, weich federnd
Intestinal Clamps, Soft Elastic



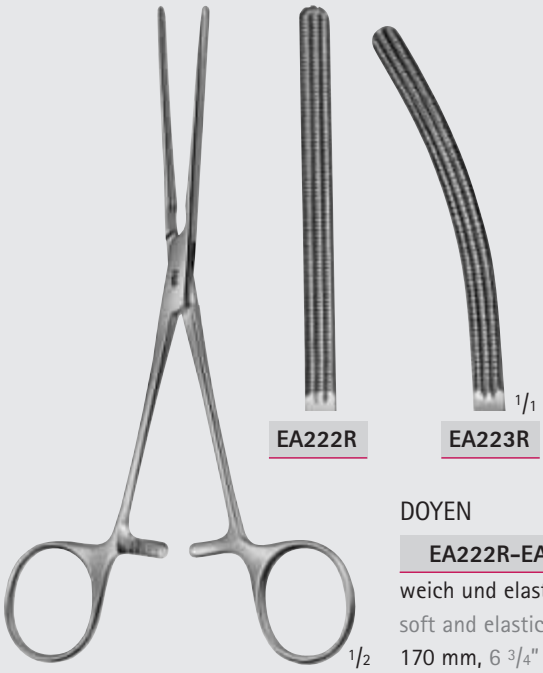
EA120R **EA121R**

DOYEN

EA120R-EA121R

elastisch
elastic
165 mm, 6 1/2"

ATRAUMATA®

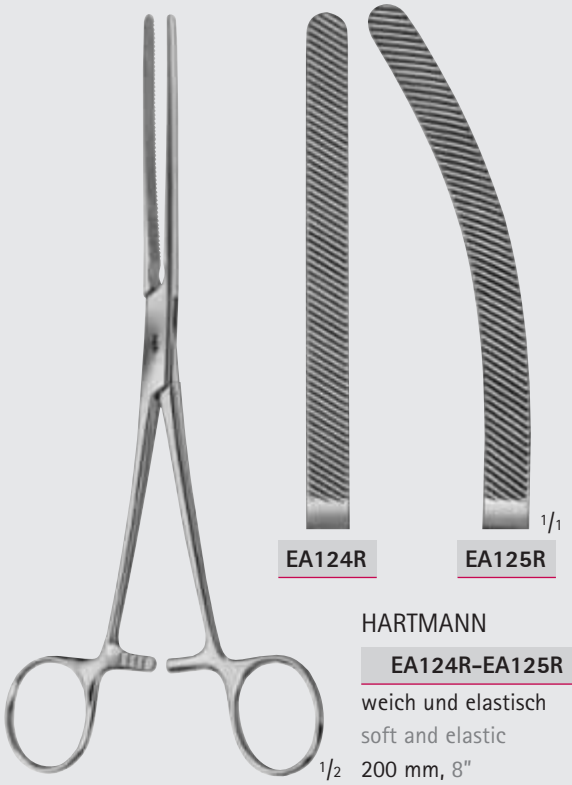


EA222R **EA223R**

DOYEN

EA222R-EA223R

weich und elastisch
soft and elastic
170 mm, 6 3/4"



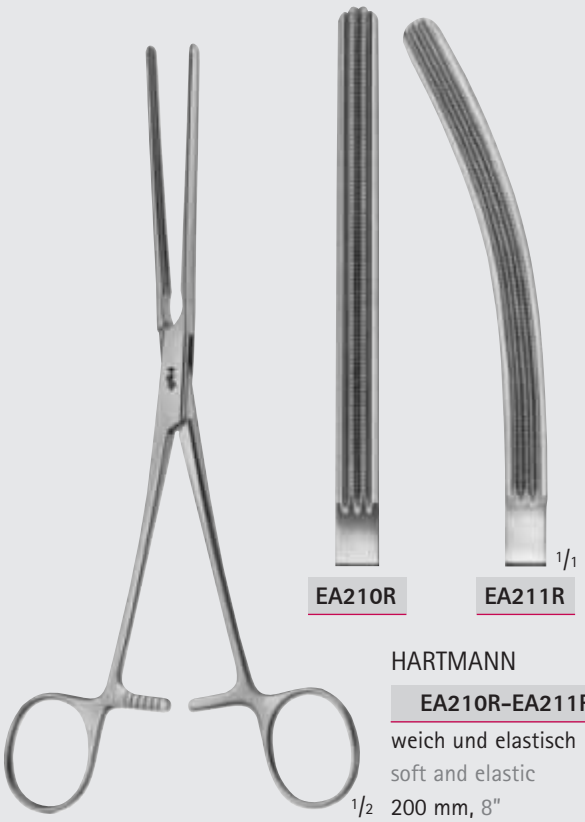
EA124R **EA125R**

HARTMANN

EA124R-EA125R

weich und elastisch
soft and elastic
200 mm, 8"

ATRAUMATA®

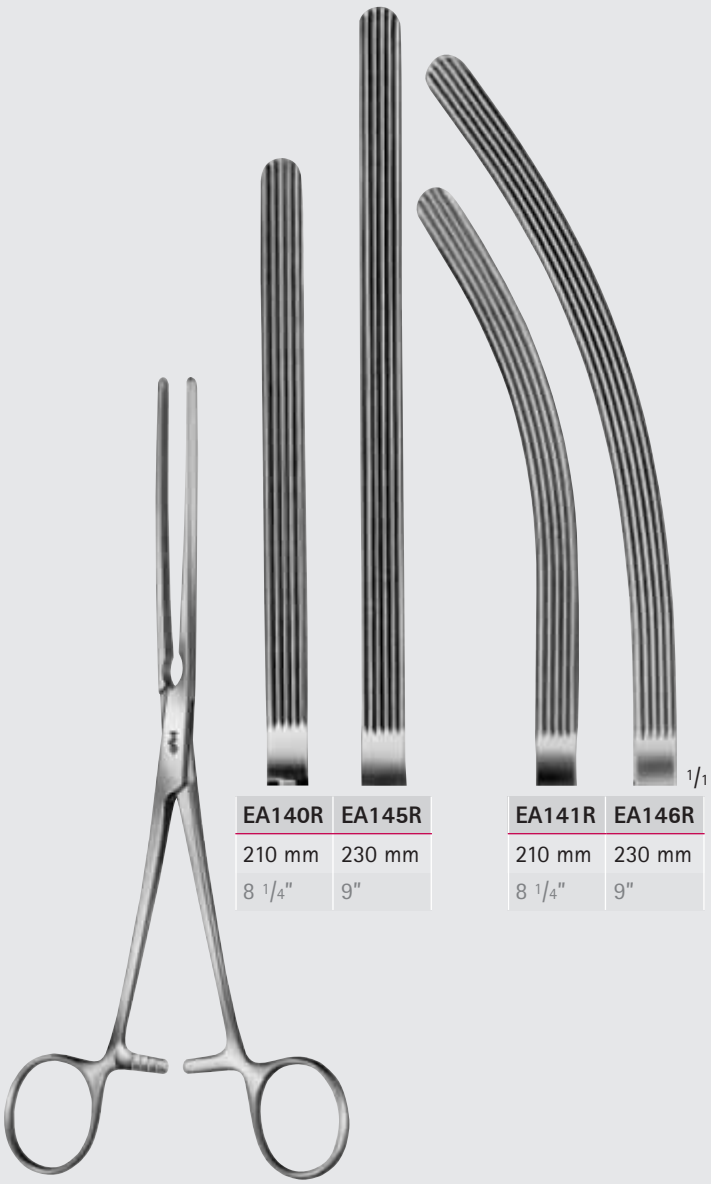


EA210R **EA211R**

HARTMANN

EA210R-EA211R

weich und elastisch
soft and elastic
200 mm, 8"



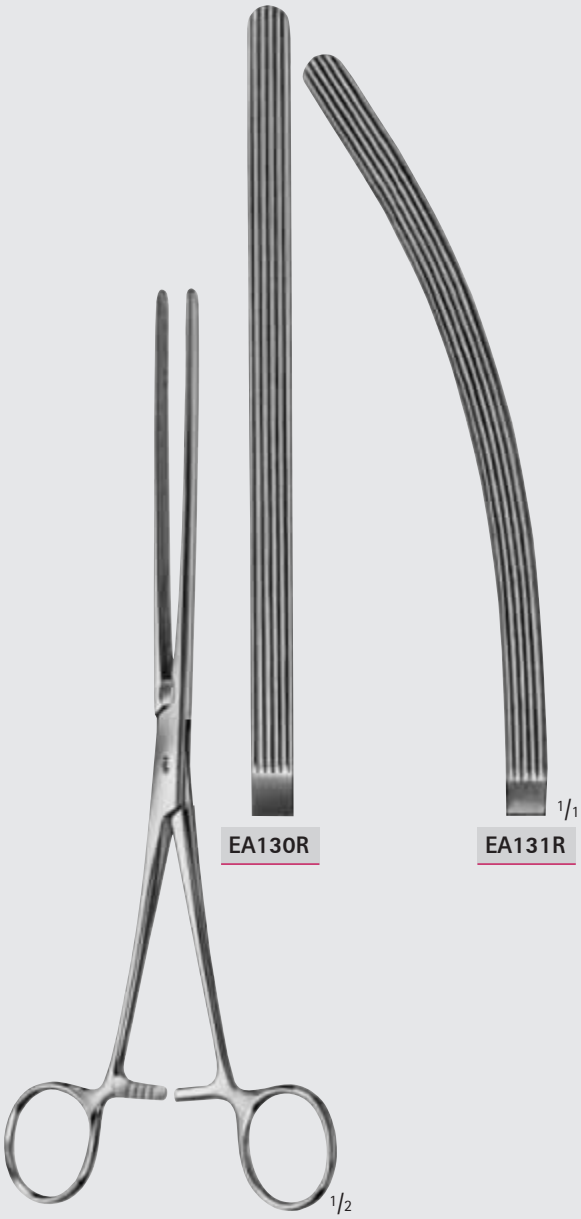
EA140R	EA145R	EA141R	EA146R
210 mm	230 mm	210 mm	230 mm
8 1/4"	9"	8 1/4"	9"

1/1

KOCHER

EA140R–EA146R

weich und elastisch
soft and elastic



EA130R

EA131R

1/1

1/2

DOYEN

EA130R–EA131R

weich und elastisch
soft and elastic
240 mm, 9 1/2"

Abdominale Chirurgie – Abdominal Surgery

Darmklemmen, weich federnd

Intestinal Clamps, Soft Elastic

EA126R

EA127R

DOYEN

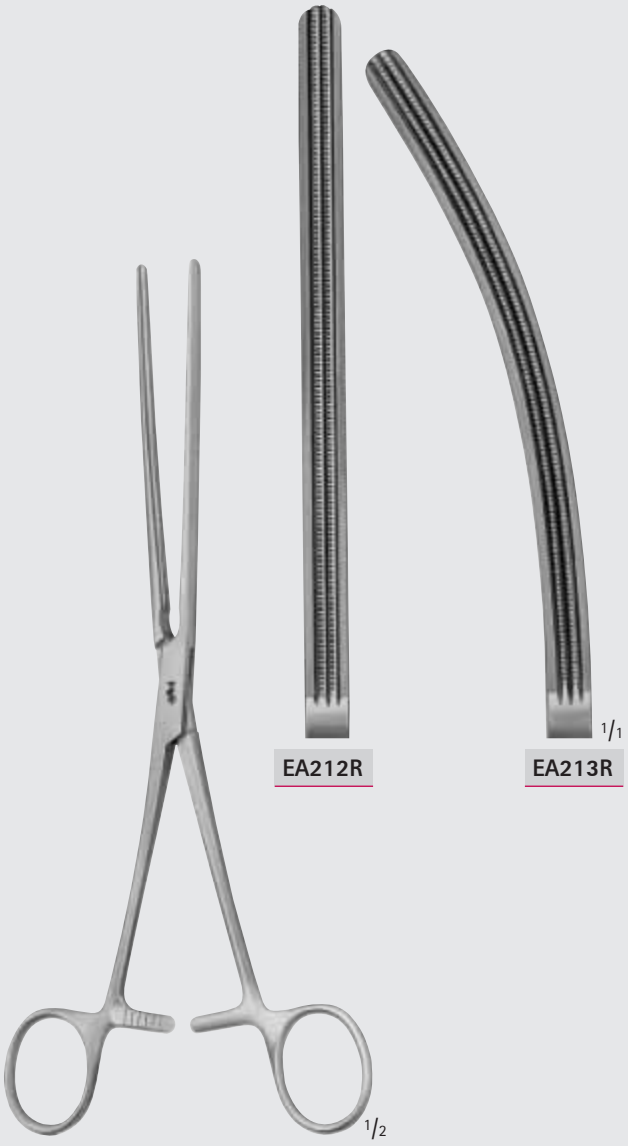
EA126R-EA127R

weich und elastisch

soft and elastic

235 mm, 9 1/4"

AESCULAP® TRAUMATA®



EA212R

EA213R

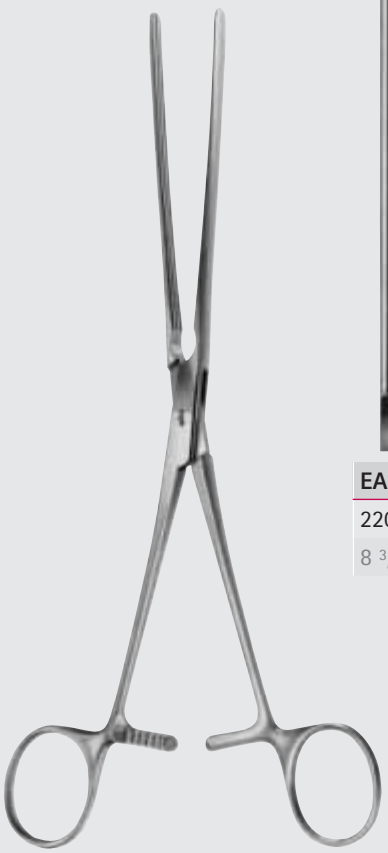
DOYEN

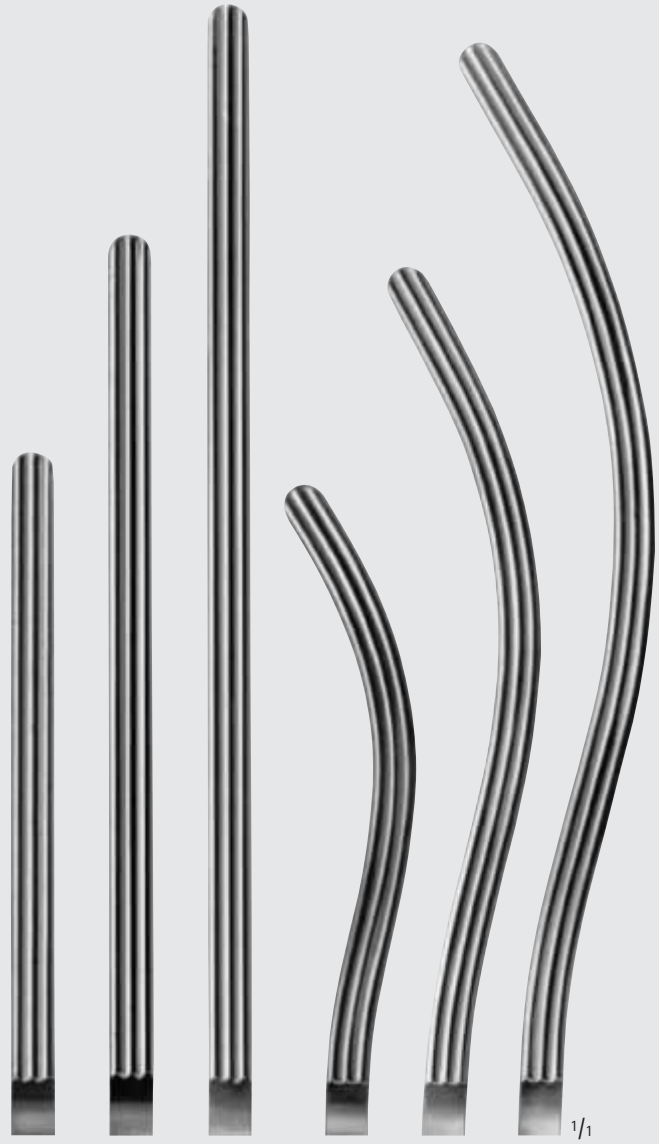
EA212R-EA213R

weich und elastisch

soft and elastic

230 mm, 9"





1/1

EA150R	EA151R	EA152R	EA155R	EA156R	EA157R
220 mm	250 mm	280 mm	220 mm	250 mm	280 mm
8 3/4"	10"	11"	8 3/4"	10"	11"

KOCHER

EA150R–EA157R

sehr weich und elastisch

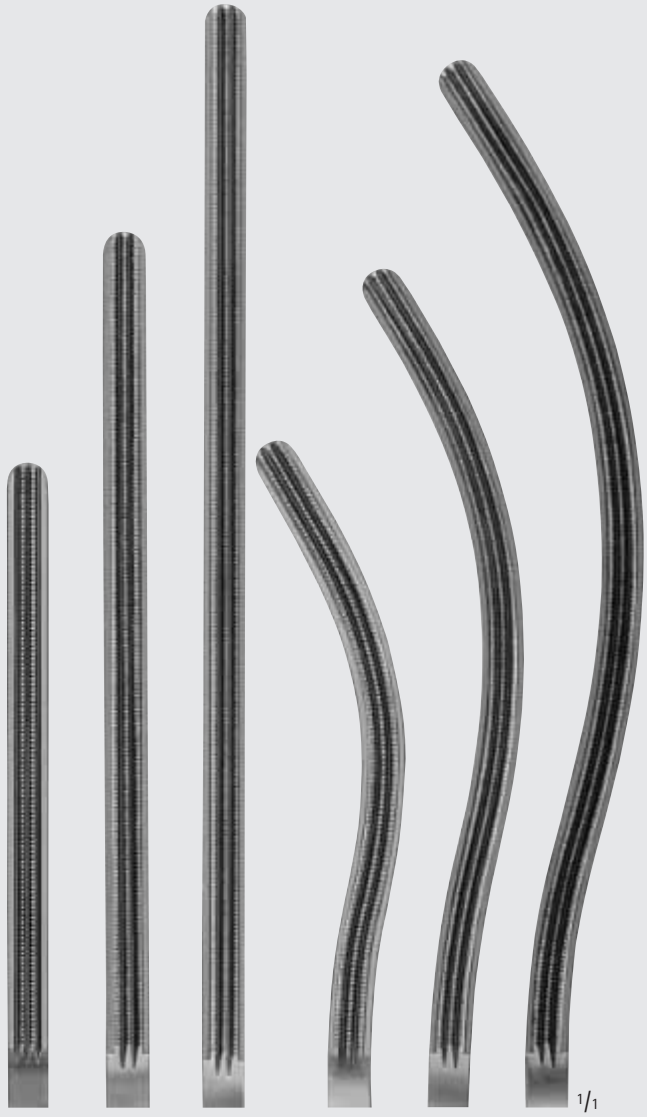
very soft and elastic

Abdominale Chirurgie – Abdominal Surgery

Darmklemmen, weich federnd

Intestinal Clamps, Soft Elastic

TRAUMATA®



1/1

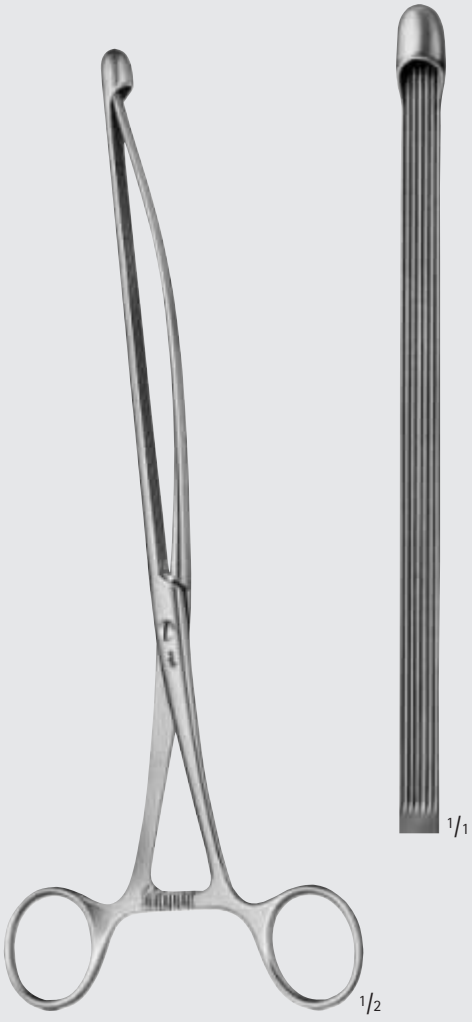
EA202R	EA204R	EA206R	EA203R	EA205R	EA207R
220 mm	250 mm	280 mm	220 mm	250 mm	280 mm
8 3/4"	10"	11"	8 3/4"	10"	11"

KOCHER

EA202R-EA207R

sehr weich und elastisch

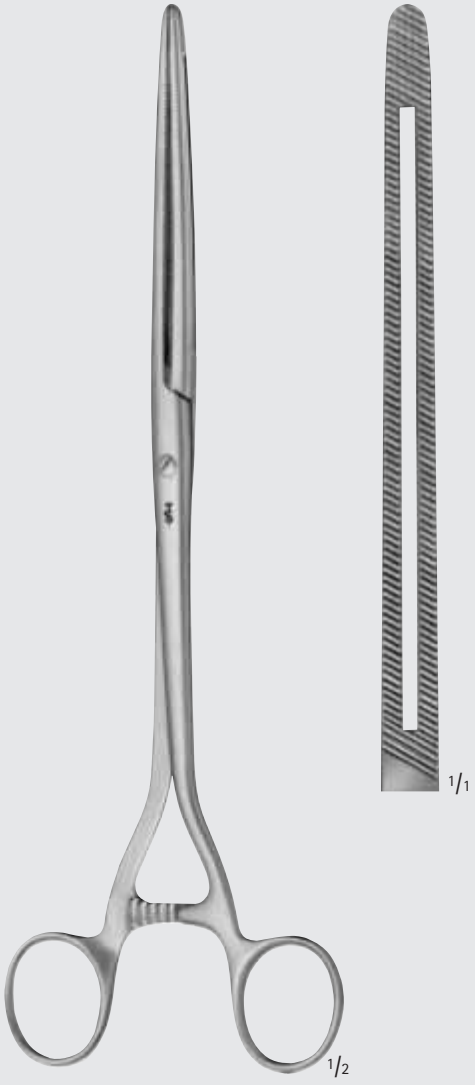
very soft and elastic



NUSSBAUM

EA176R

weich und elastisch
soft and elastic
250 mm, 10"



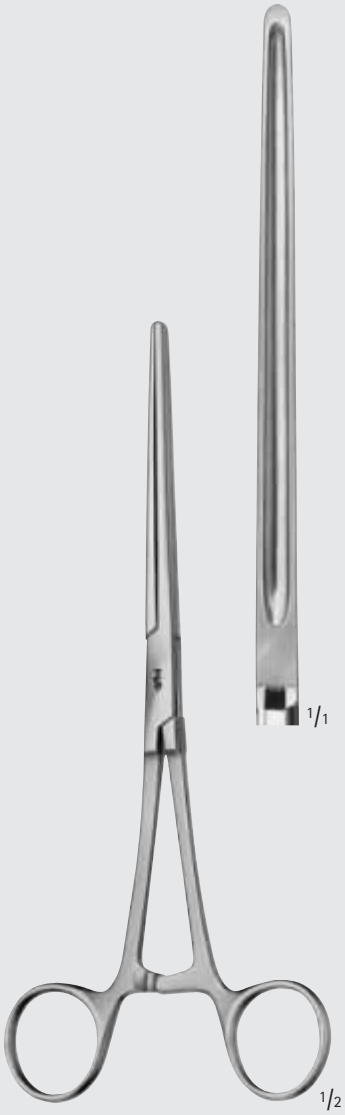
MOYNIHAN

EA182R

280 mm, 11"

Abdominale Chirurgie – Abdominal Surgery

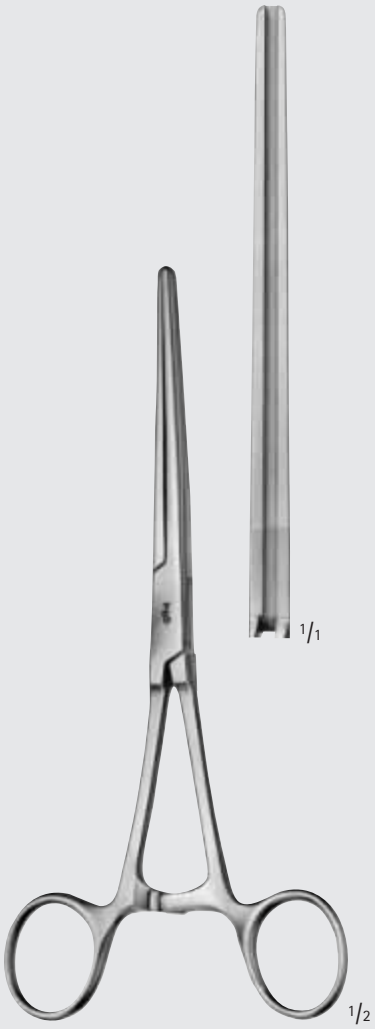
Darmklemmen
Intestinal Clamps



LANG-STEVENSON

EA132R

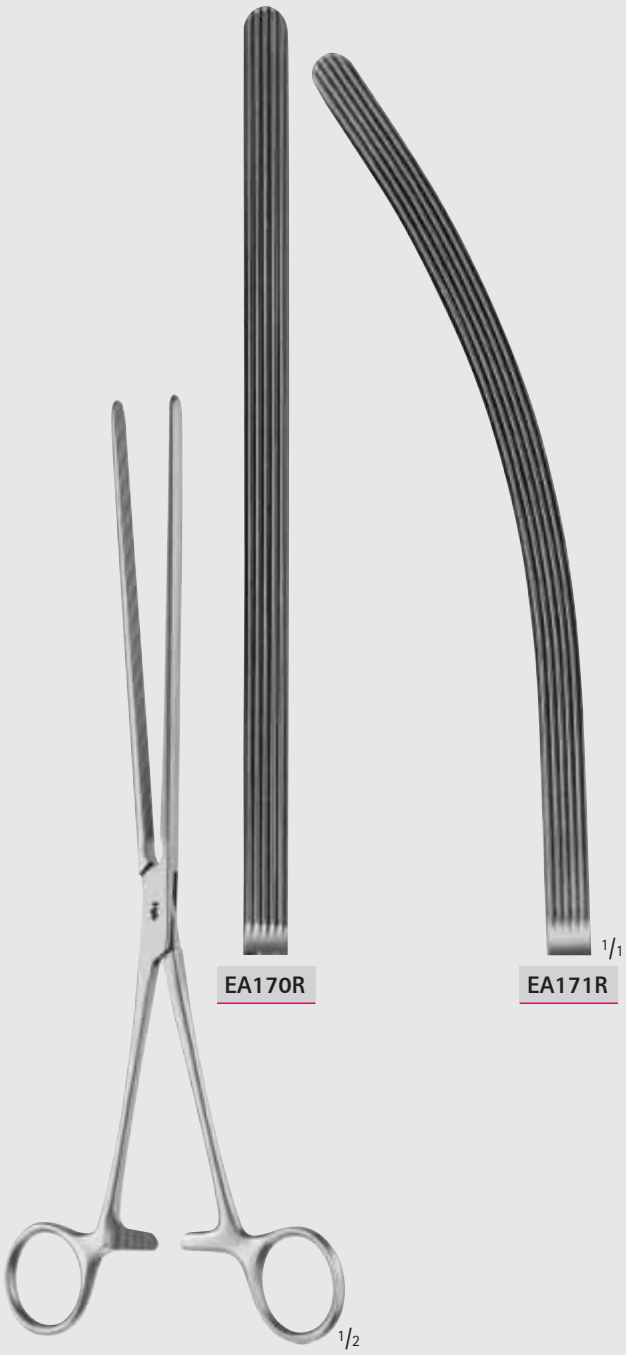
200 mm, 8″



SCHOEMAKER

EA321R

Colectomie-Klemme
Colectomy clamp
200 mm, 8″



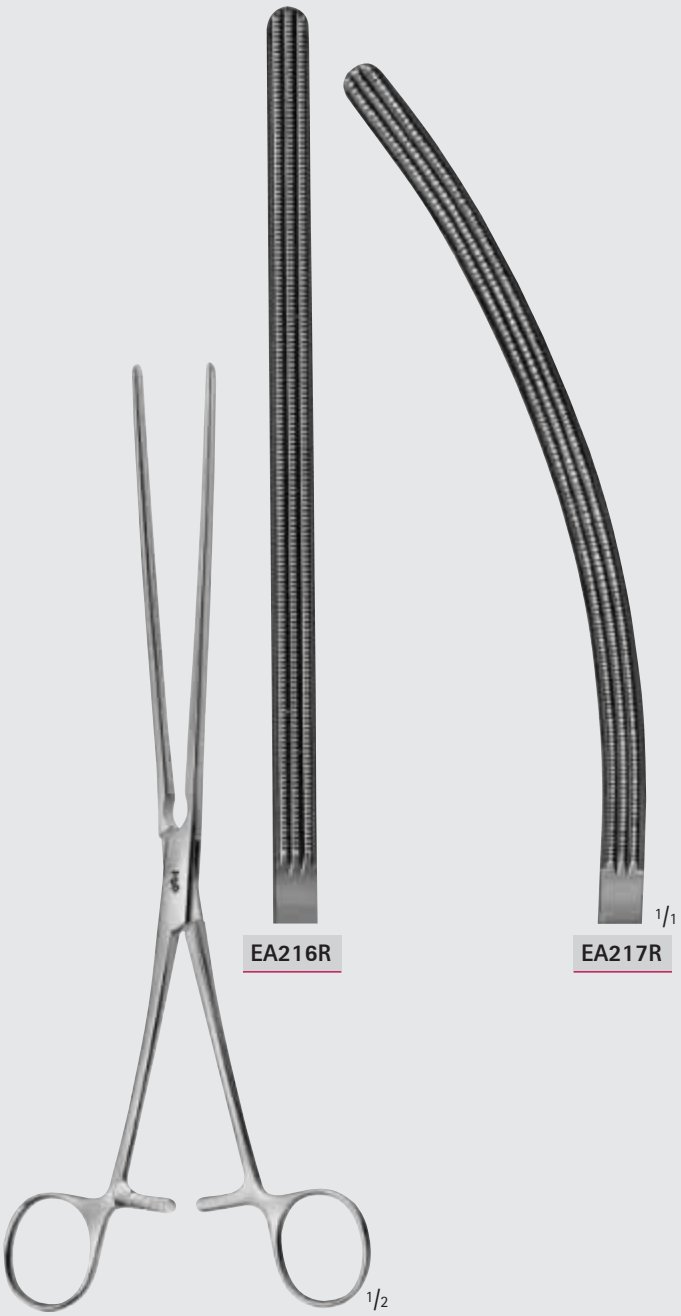
EA170R EA171R

MAYO-ROBSON

EA170R-EA171R

hart federnd
hard elastic
250 mm, 10"

ATRAUMATA®



EA216R EA217R

MAYO-ROBSON

EA216R-EA217R

250 mm, 10"

Abdominale Chirurgie – Abdominal Surgery

Magen- und Darm- Zwillingsklemmen

Gastro- Intestinal Forceps, Twin

LANE

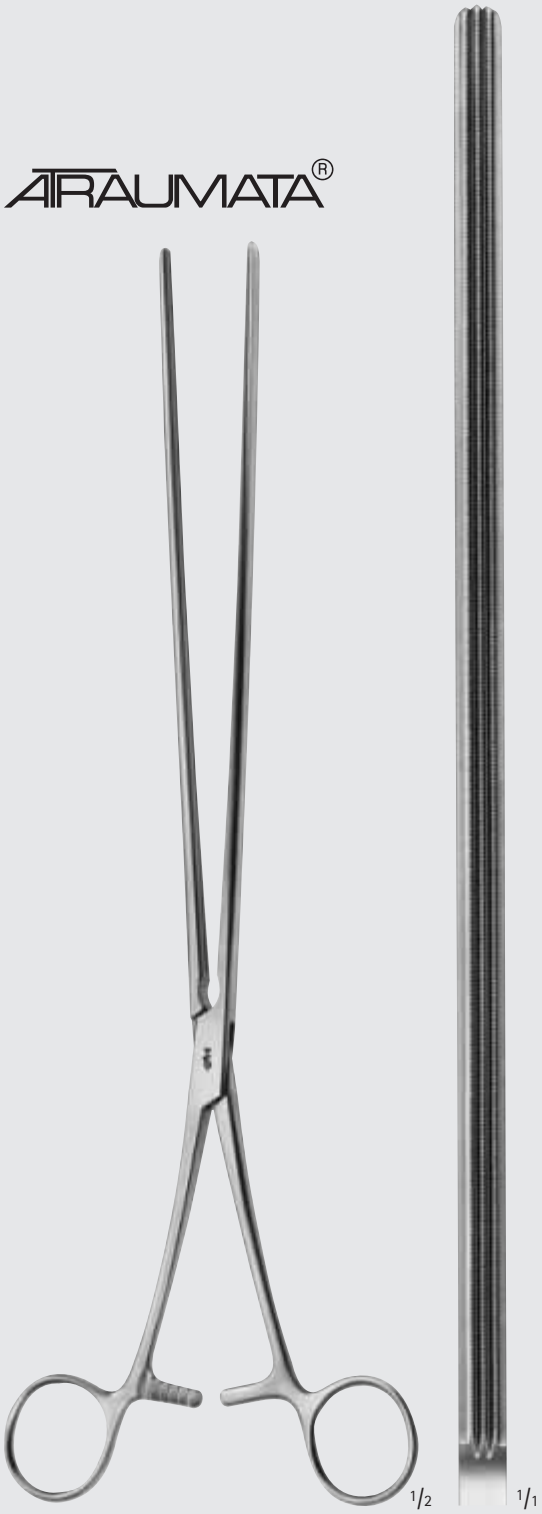
EA440R

310 mm, 12"

LANE

EA441R

310 mm, 12"



SCUDDER

EA240R

330 mm, 13"

KLEINSCHMIDT

EA397R

Spornquetschen und Appendektomieklemmen

Spur crushers and Appendectomy clamps

130 mm, 5 1/8"

BENSON

EA466R

Pylorusspreizer

Pylorus spreader

155 mm, 6"

Abdominale Chirurgie – Abdominal Surgery

Darm- und Magenquetschklemmen
Intestinal and Pylorus Clamps

PAYR

EA305R

Darmquetschklemme, leichtes Modell, für Kinder

Intestinal clamp light pattern, for children

180 mm, 7"

PAYR

EA306R

200 mm, 8"

PAYR

EA309R

275 mm, 10 ¾"

PAYR

EA450R

Magenquetschklemme

Pylorus clamp

315 mm, 12 ½"

DE MARTEL-WOLFSON

EA331R-EA332R	EA331R	EA332R
Anastomosenklemmen, Satz zu 3 Stück Anastomosis clamps, set of 3 pieces	100 mm 4"	120 mm 4 3/4"

Klemmenhalter mit Klemmensatz
Clamp holder with set of clamps

EA334R-EA336R	EA334R	EA336R
Klemmenhalter für EA331R, EA332R Clamp holder for EA331R, EA332R	80 mm 3 1/8"	225 mm 9"

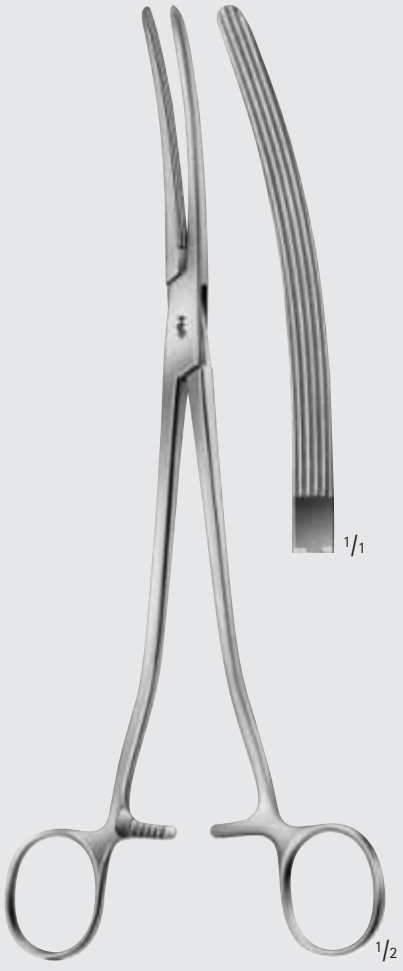
1/3

DE MARTEL-WOLFSON

EA338R
Schließzange für EA331R, EA332R Closing forceps for EA331R, EA332R 250 mm, 10"

Abdominale Chirurgie – Abdominal Surgery

Anastomosenklemmen
Anastomosis Forceps

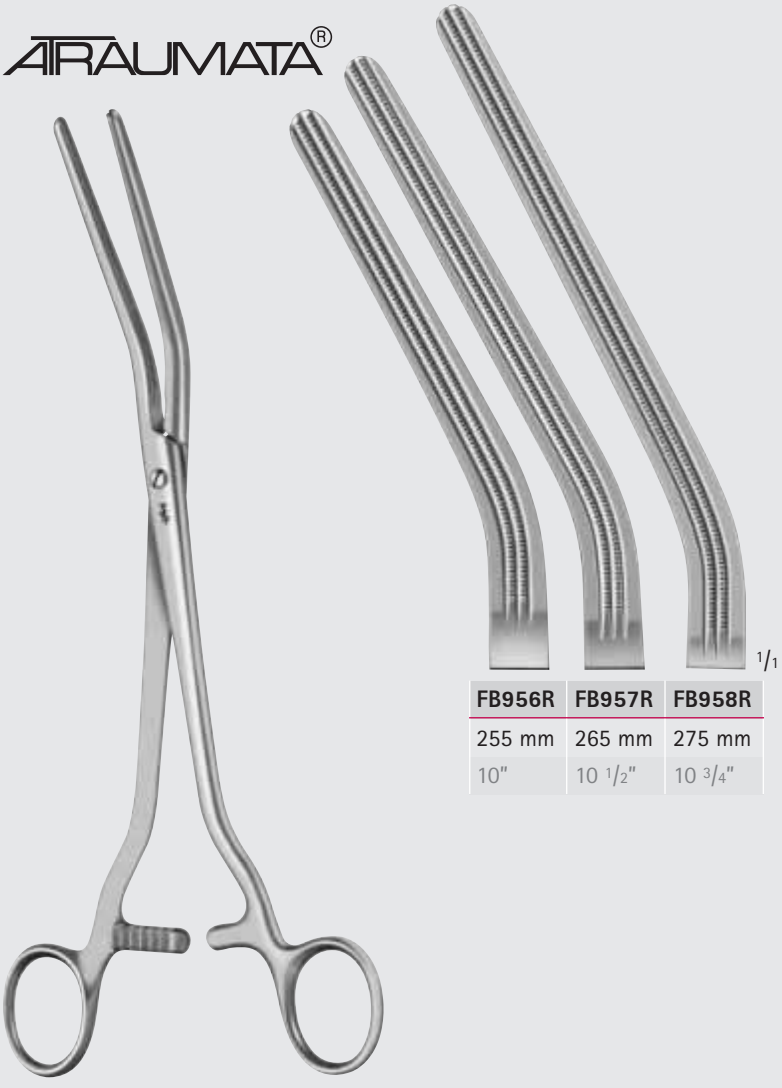


PARKER-KERR

EA365R

Anastomosenklemme für Colonresektion
Anastomosis forceps for colon resection
250 mm, 10"

TRAUMATA®



FB956R	FB957R	FB958R
255 mm	265 mm	275 mm
10"	10 1/2"	10 3/4"

DICK

FB956R-FB958R

Druckklemmen
Pressure clamps

BRUNNER

EA191R

245 mm, 9 3/4"

FB954R

60 mm

FB955R

80 mm

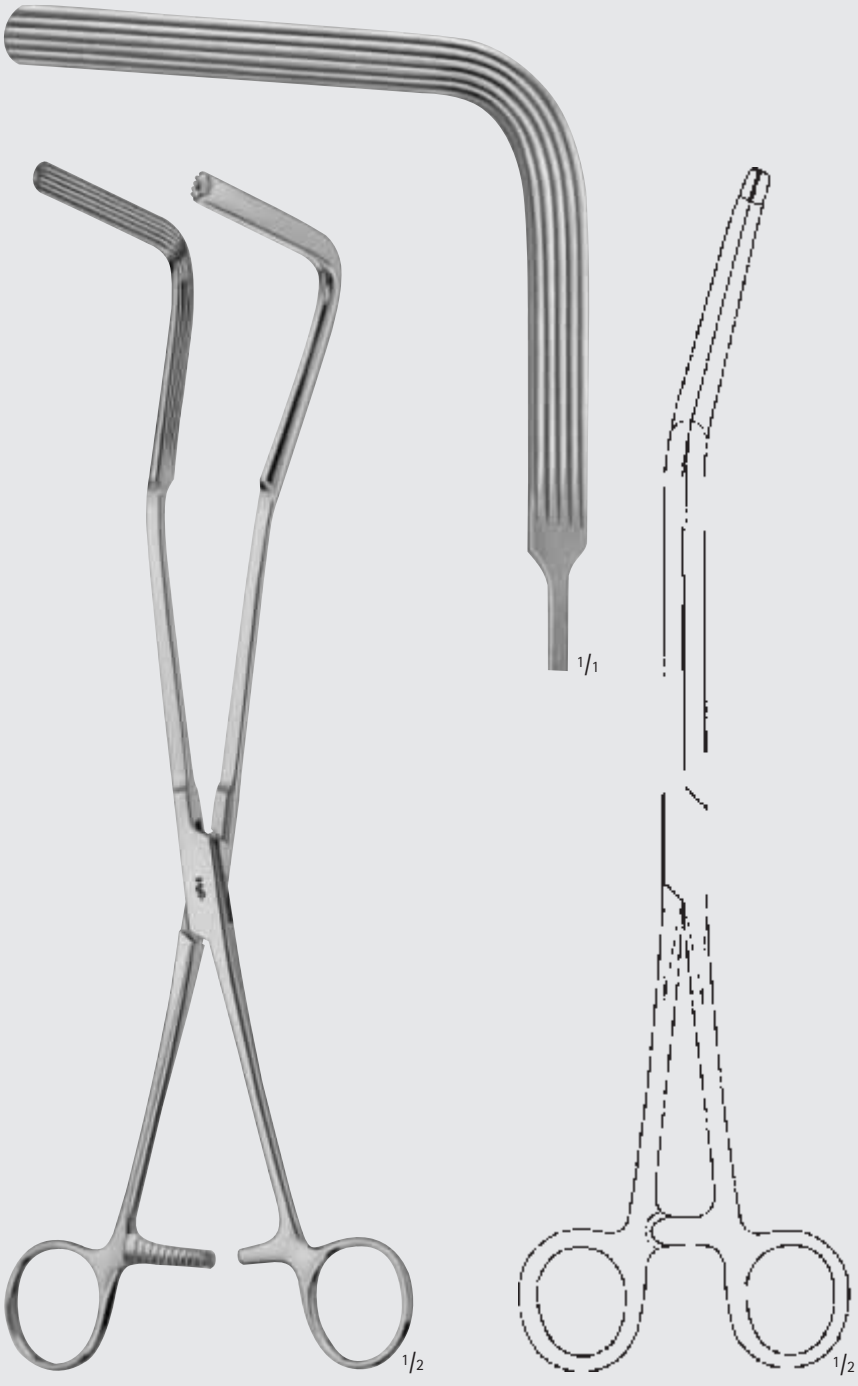
FB954R–FB955R

230 mm, 9"

Abdominale Chirurgie – Abdominal Surgery

Rektum-Anastomosenklemmen

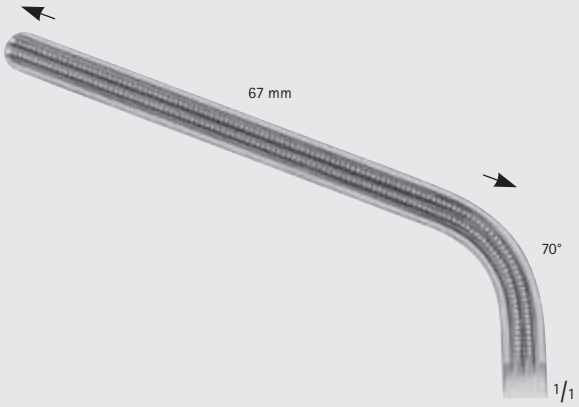
Sigmoid Anastomosis Forceps



LLOYD-DAVIS

EA362R

315 mm, 12 1/2"

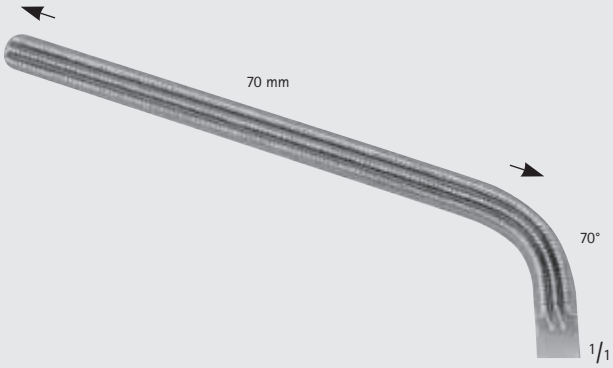


93 mm

MORRIS

FB493R

175 mm, 7″

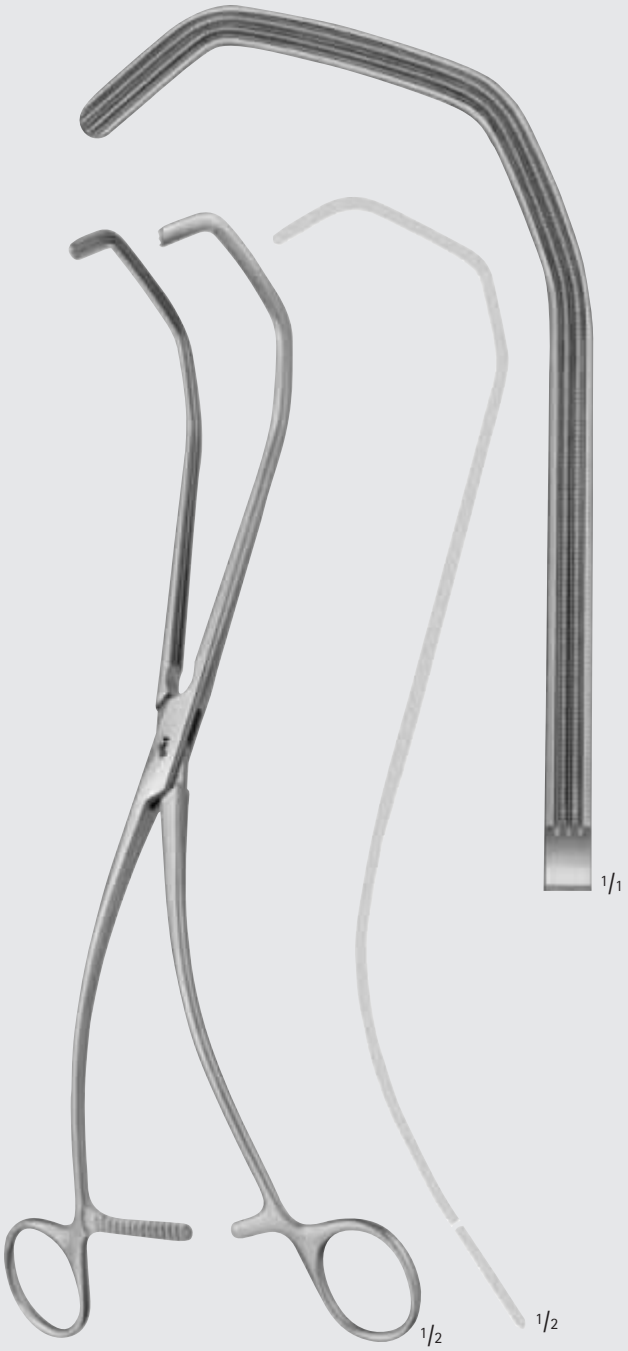


93 mm

DE BAKEY
(MORRIS MODIF.)

FB494R

240 mm, 9″



KERSTING

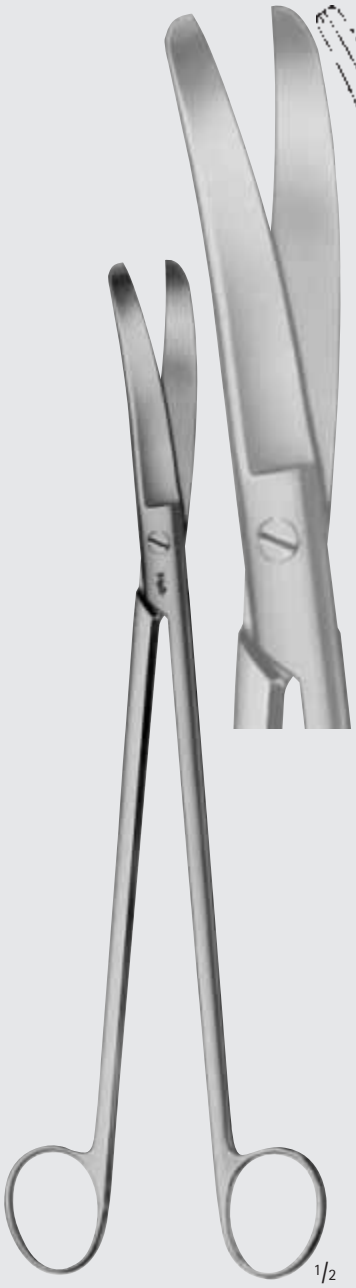
EA355R

300 mm, 12"

RESANO

EA360R

elastisch
elastic
265 mm, 10 1/2"



LLOYD-DAVIES
(GOLIGHER'S)

BC621R

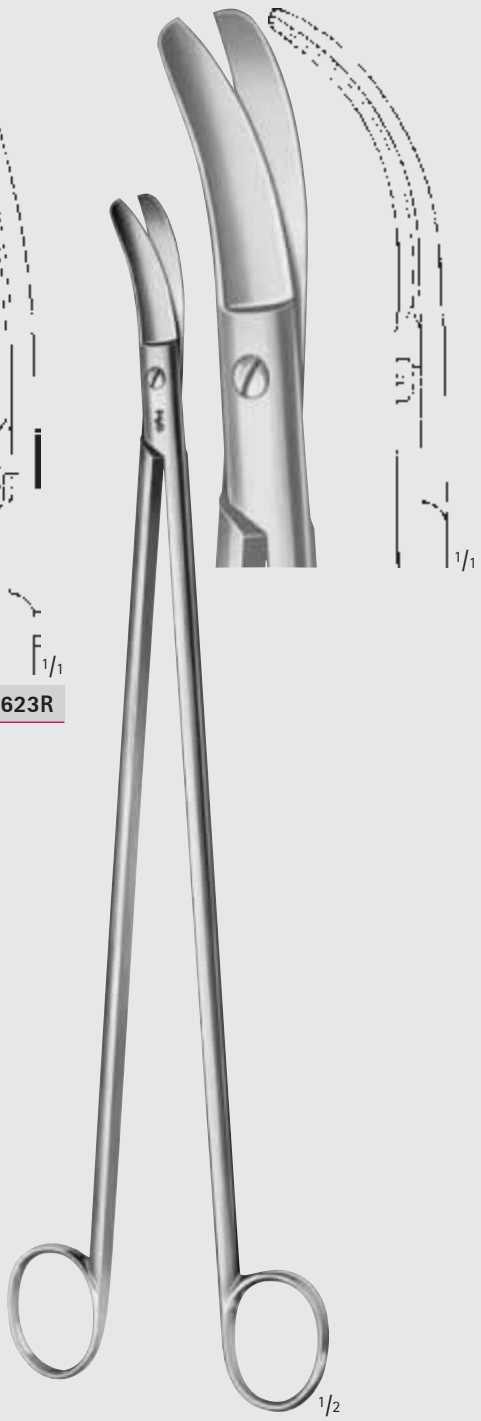
270 mm, 10 3/4"

BC622R

STELZNER

BC622R–BC623R

310 mm, 12 3/8"

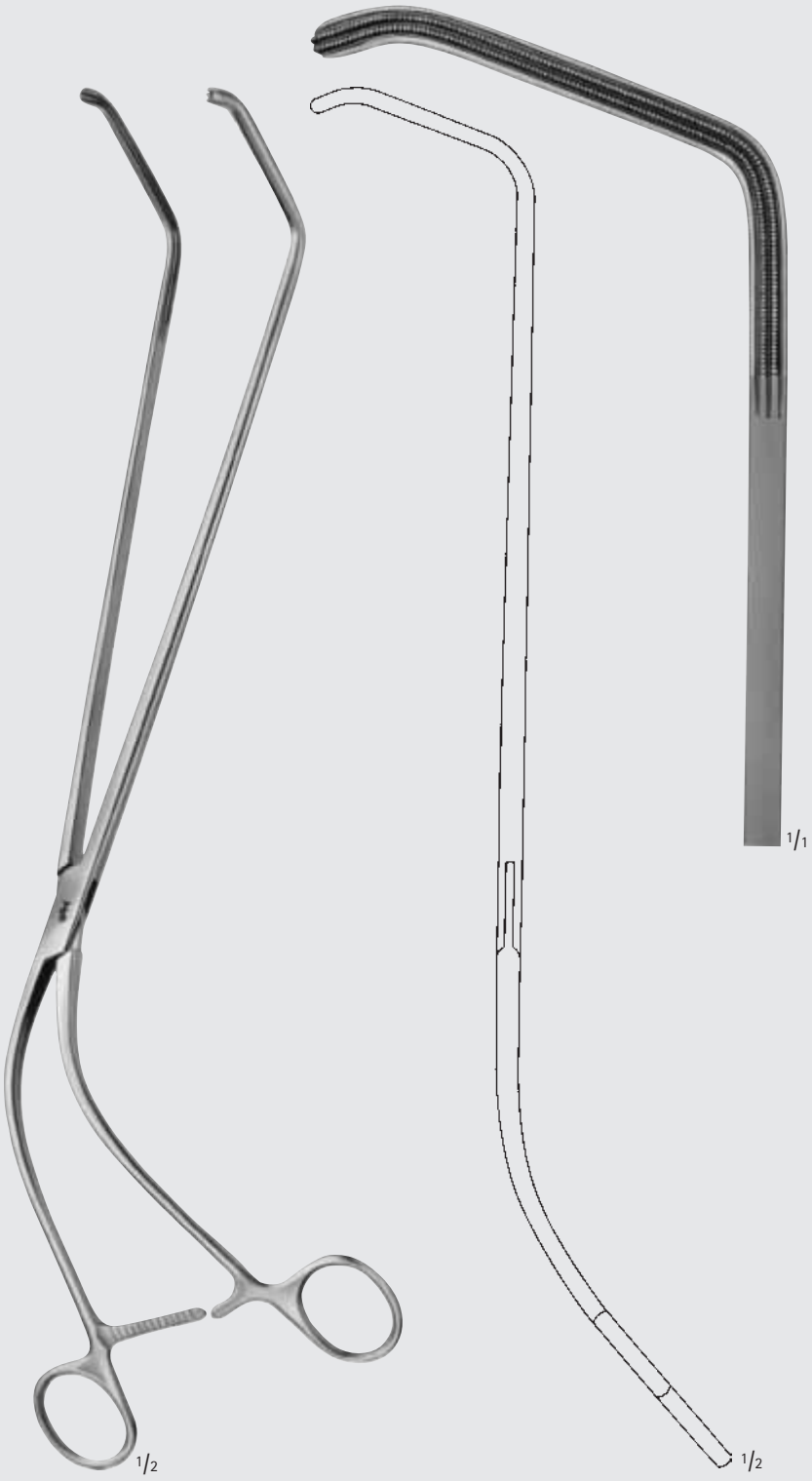


BC623R

BC617R

325 mm, 13"

AESCULAP TRAUMATA®



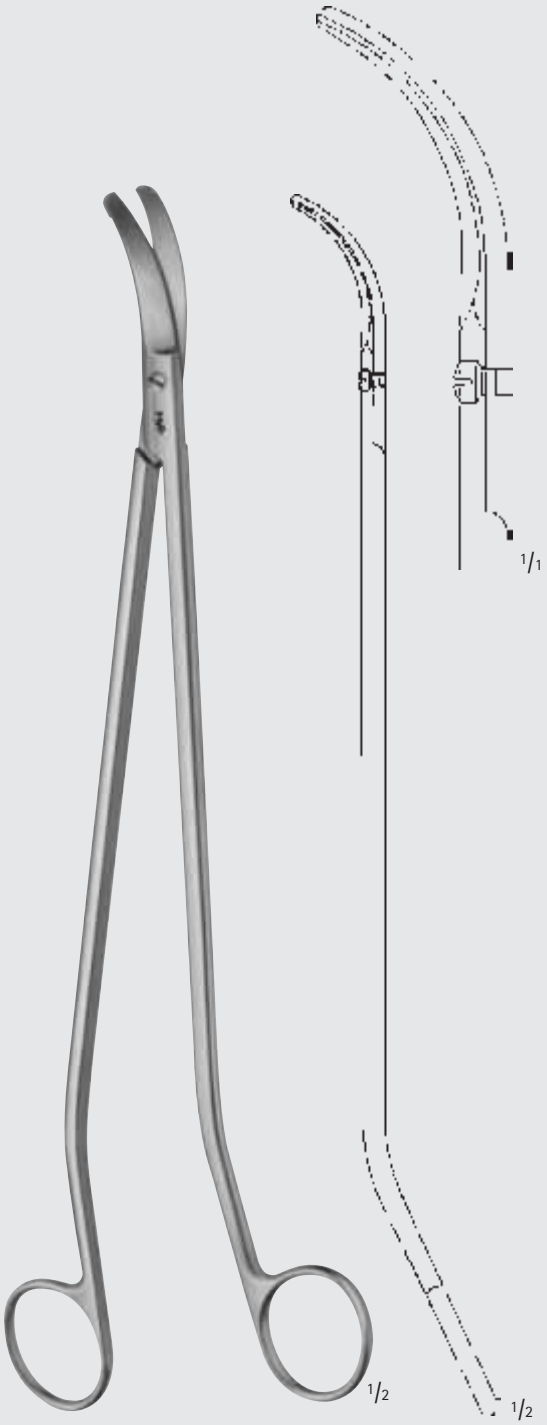
MÜLLER

EA356R

Rektum-Anastomosenklemme

Rectal anastomosis clamp

375 mm, 15"



MÜLLER

BC627R

Rektumschere, s-förmig
Rectum scissors, s-shaped
325 mm, 13"

ATRAUMATA®

DE BAKEY

FB409R

350 mm, 14"

Abdominale Chirurgie – Abdominal Surgery

Instrumente zur tiefen Rektumchirurgie

Instruments for Deep Rectum Surgery

MÜLLER

BM089R

Nadelhalter

Needle holder

360 mm, 14"

ATRAUMATA®

ALLIS

EA100R

Fasszange

Grasping forceps

295 mm, 11 3/4"

220 x 40 mm

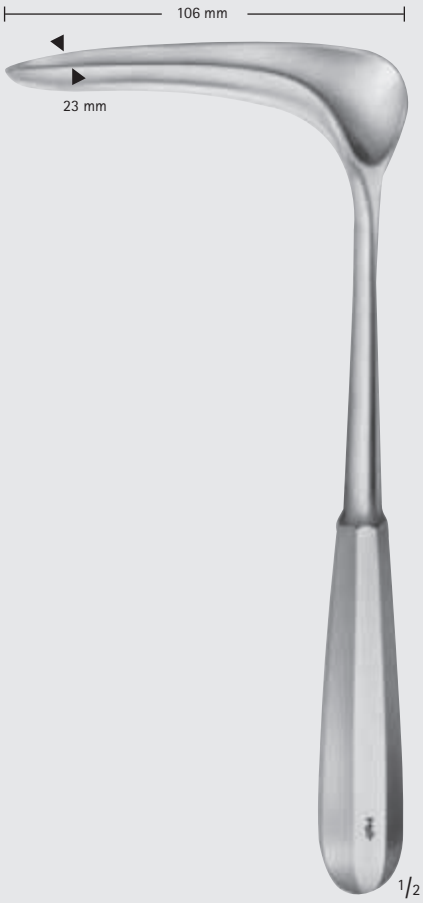
HÖSEL

BT446R

Wundhaken
Retractor
250 mm, 10"

Abdominale Chirurgie – Abdominal Surgery

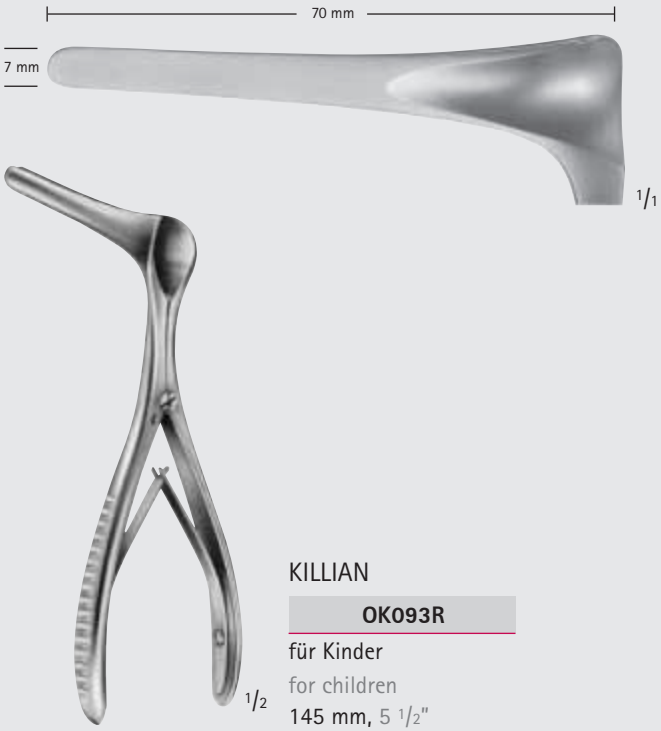
Mastdarm-Rektum-Spekula
Rectal Specula



CZERNY

EA800R

225 mm, 9"



KILLIAN

OK093R

für Kinder

for children

145 mm, 5 1/2"

SIMS

EA820R

160 mm, 6 1/4"

SIMS

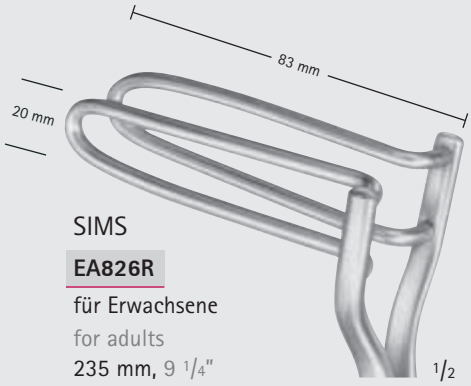
EA821R

160 mm, 6 1/4"

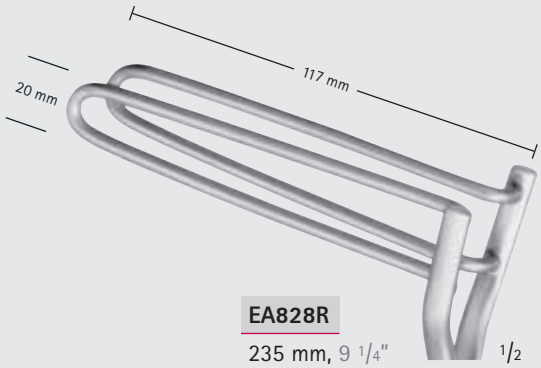
INCHES

EA825R–EA829R

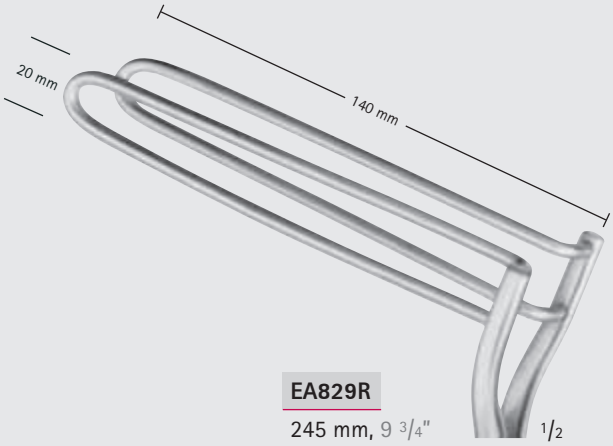
SIMS
EA825R
für Kinder
for children
190 mm, 7 1/2"
1/2



SIMS
EA826R
für Erwachsene
for adults
235 mm, 9 1/4"
1/2

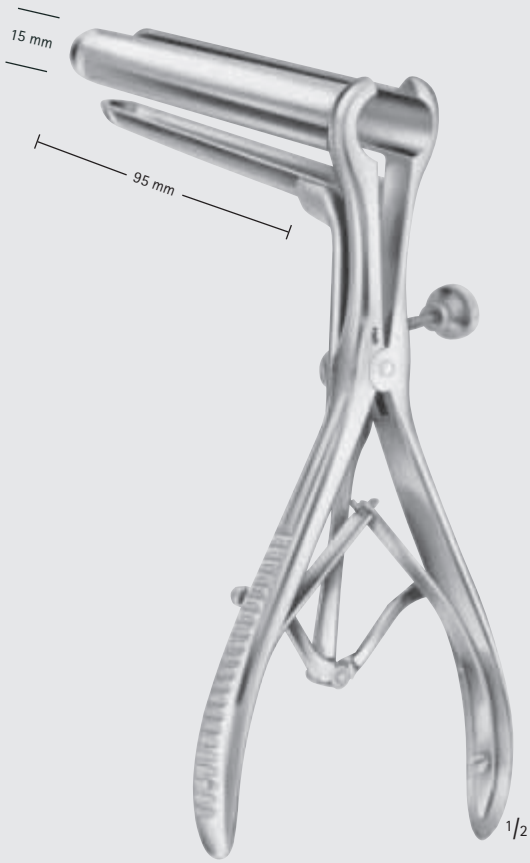


EA828R
235 mm, 9 1/4"
1/2



EA829R
245 mm, 9 3/4"
1/2

PRATT
EA831R
205 mm, 8"
1/2



MATHIEU
EA843R
215 mm, 8 1/2"
1/2

MILLIMETERS

Abdominale Chirurgie – Abdominal Surgery

Anuskope - Sphinkteroskope

Anuscopes - Sphincteroscopes

BENSAUDE

EA862C–EA864C

Anuskope

Anuscopes

185 mm, 7 1/4"

	Ø diam.
EA862C	17 mm
EA863C	20 mm
EA864C	23 mm

IVES-FANSLER

EA880R

Anuskop, Ø 24 mm

Anuscope, diam. 24 mm

145 mm, 5 3/4"

KELLY

EA882R

Sphinkteroskop, Ø 20 mm

Anuscope, diam. 24 mm

160 mm, 6 1/4"

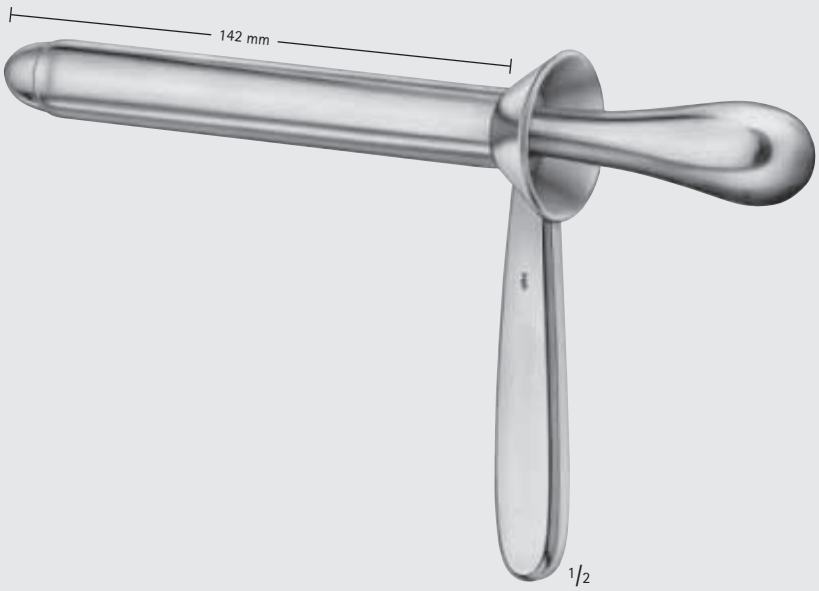
KELLY

EA883R

Sphinkteroskop, Ø 25 mm

Sphincteroscope, diam. 25 mm

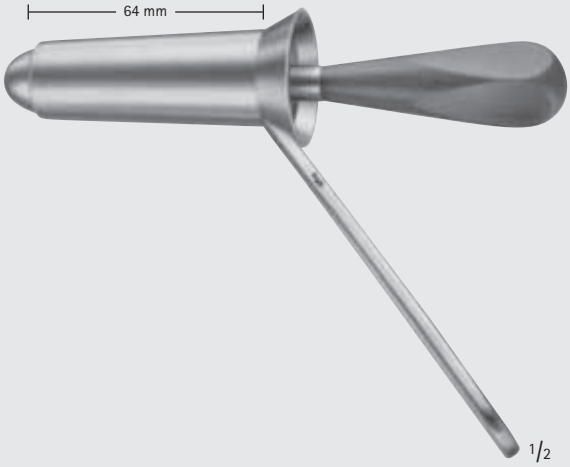
160 mm, 6 1/4"



KELLY

EA887R

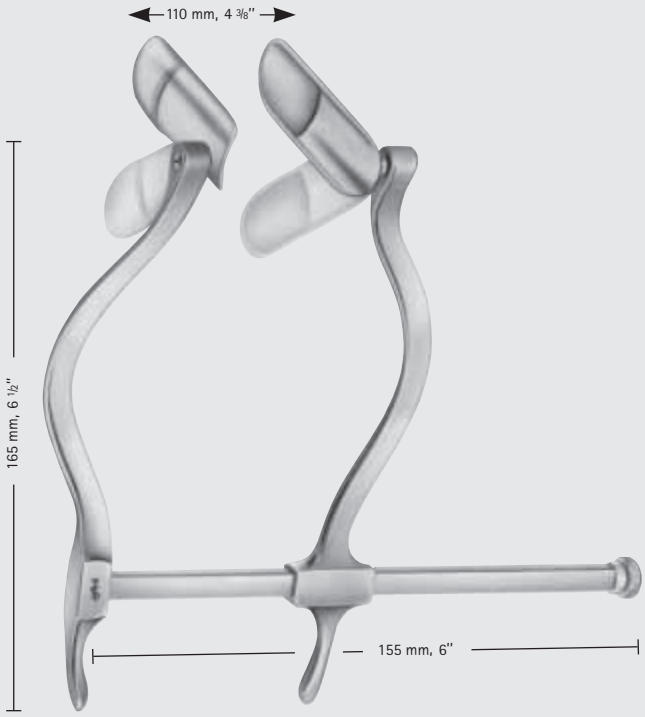
Proktoskop, Ø 20 mm
Proctoscope, diam. 20 mm
140 mm, 5 1/2"



GABRIEL

EA853R

Rektum-Spekulum, Ø 25 mm
Rectal speculum, diam. 25 mm



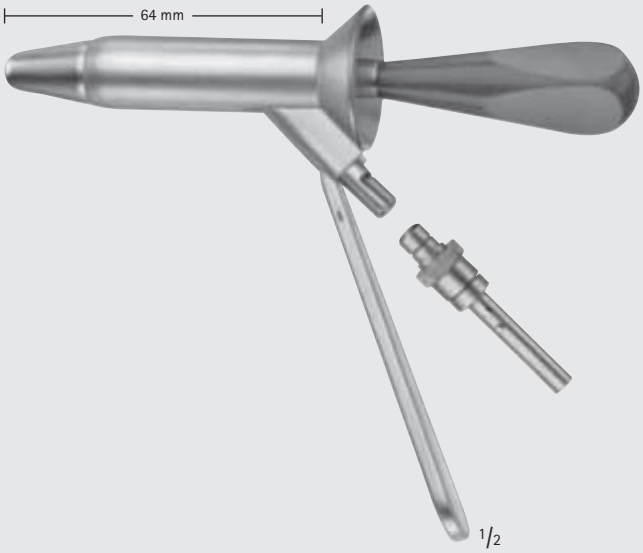
SMITH-BUIE

BV906R

Analspreizer
Blattgröße: 58 x 23 mm
Rectal retractor
Dimension of blades: 58 x 23 mm

Abdominale Chirurgie – Abdominal Surgery

Rektum-Spekula
Rectal Specula

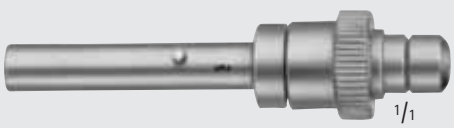


NAUNTON-MORGAN

EA871R–EA875R

Rektum-Spekula
mit Anschluss für Kaltlichtaufsatz EA876R
Rectal specula
with connector for fibre light attachment EA876R
165 mm, 6 1/2"

	Ø diam.
EA871R	17 mm
EA873R	21 mm
EA875R	24 mm



EA876R

Kaltlichtaufsatz, ACM/British Standard
zu NAUNTON-MORGAN Spekula
Fibre light attachment,
ACM/British Standard
for NAUNTON-MORGAN specula

LLOYD-DAVIES

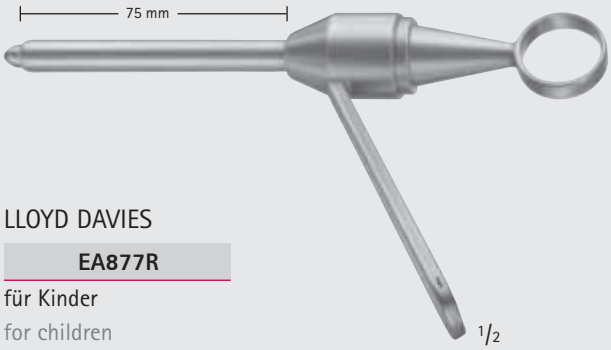
EA888R

Ø 16 mm
250 mm, 9 3/4"

LLOYD-DAVIES

EA889R

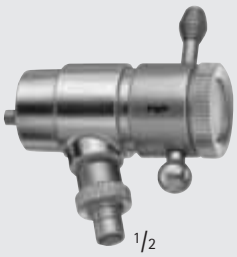
Ø 20 mm
300 mm, 11 3/4"



LLOYD DAVIES

EA877R

für Kinder
for children



EA878R

Kaltlichtaufsatz, ACM/British Standard
zu EA887R, EA888R und EA889R
Fibre light attachment, ACM/British Standard
for EA887R, EA888R and EA889R

EA879R

Kaltlichtstab
Fibre light carrier

Abdominale Chirurgie – Abdominal Surgery

Analspreizer
Rectal Spreader

KUGELSCHNELLVERSCHLUSS
BALL SNAP CLOSURE

BV583R

Rektumblätter
70 mm tief
PAA = Paar

Rectal blades
70 mm deep
PAA = pair

BV584R

Spinkterblätter
93 mm tief
PAA = Paar

Sphincter blades
93 mm deep
PAA = pair

BV586R

Blätter für Anastomosen
90 mm tief
PAA = Paar
nicht in BV585R enthalten

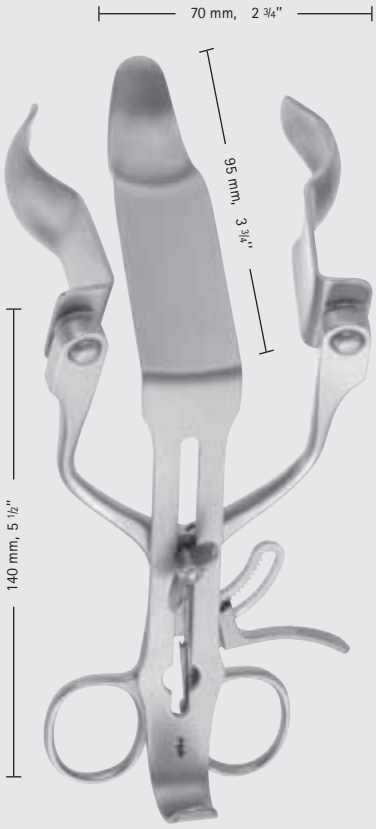
Blades for anastomosis
90 mm deep
PAA = pair
not included in BV585R

PARKS

BV589R

150 mm tief
PAA = Paar
nicht in BV585R enthalten

150 mm deep
PAA = pair
not included in BV585R



PARKS, MODIF. GIRONA

BV585R

Analspreizer, komplett
bestehend aus:
BV581R Sperrer, allein
BV582R Mittelblatt, allein
BV583R Paar Blätter, allein
BV584R Paar Blätter, allein

Rectal spreader, complete
consisting of:
BV581R Spreader, only
BV582R Center blade, only
BV583R Pair of blades, only
BV584R Pair of blades, only

BV591R

Mittelblatt für Kaltlicht
mit Aufnahme für
Kaltlichtstab OP801
nicht in BV585R enthalten

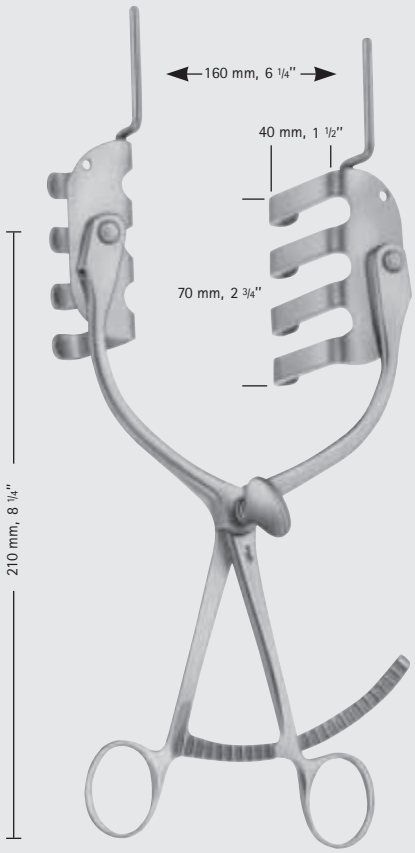
Center blade
with connection for cold
light carrier OP801
not included in BV585R

OP801

Kaltlichtstab
zur zusätzlichen, intensiven
Ausleuchtung des OP-Feldes

Cold light carrier
for additional, intensive illumi-
nation of the operating area

KUGELSCHNELLVERSCHLUSS
BALL SNAP CLOSURE



ST. MARKS, MODIF. GIRONA

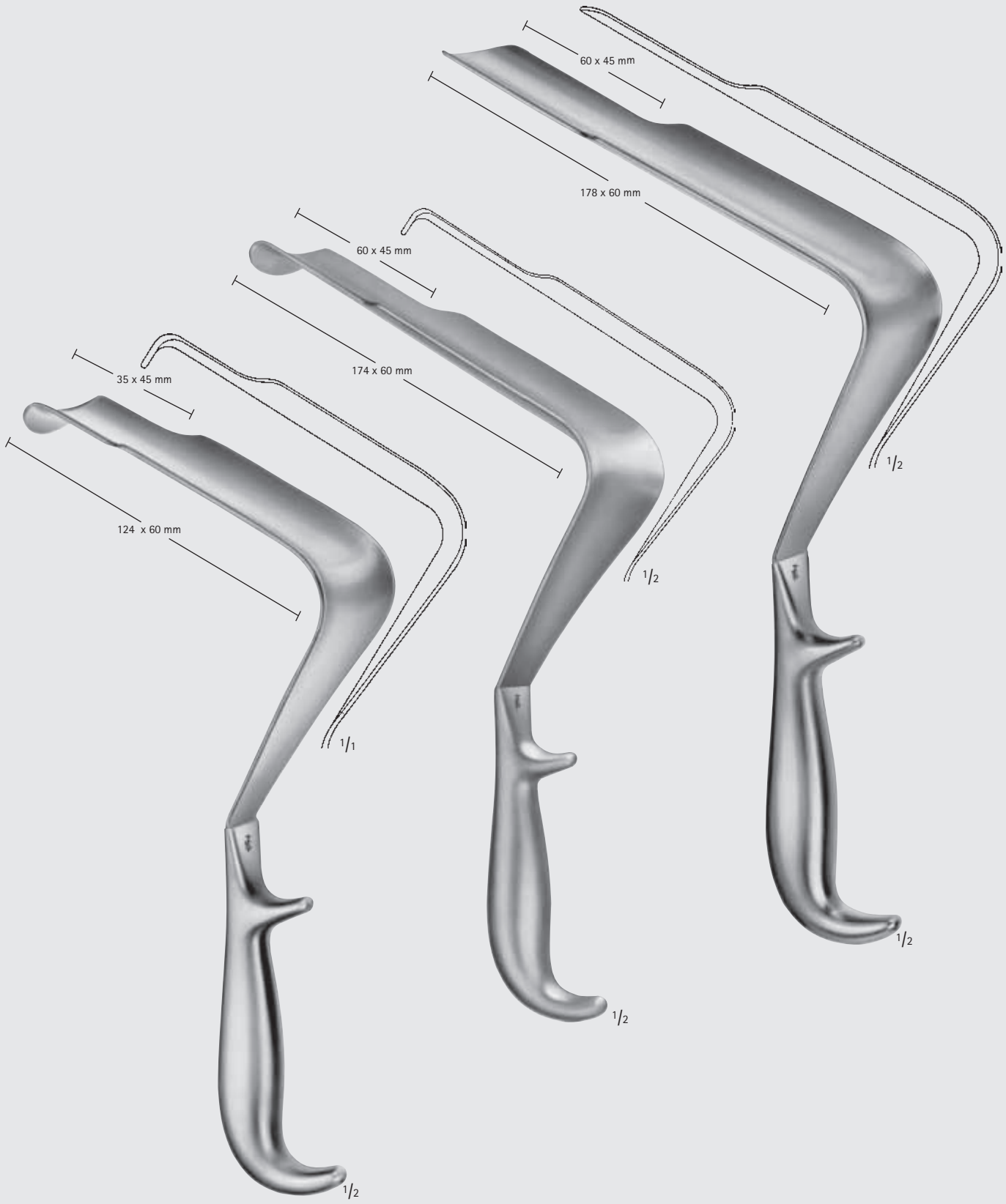
BV907R

Perineal Sperrer mit
Tuchhaltestift an den Blättern
Perineal retractor with towel pegs
fitted to swivel rake blades

Abdominale Chirurgie – Abdominal Surgery

Pelvishaken

Pelvis Retractors



ST. MARKS

BT670R

290 mm, 11 1/2"

ST. MARKS

BT672R

330 mm, 13 1/8"

ST. MARKS

BT674R

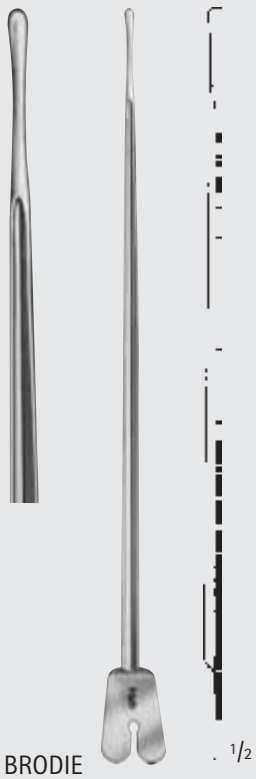
330 mm, 13 1/8"

LOCKHART-MUMMERY

BN021R–BN024R

Fistelsonden
Fistula probes
165 mm, 6 1/2"

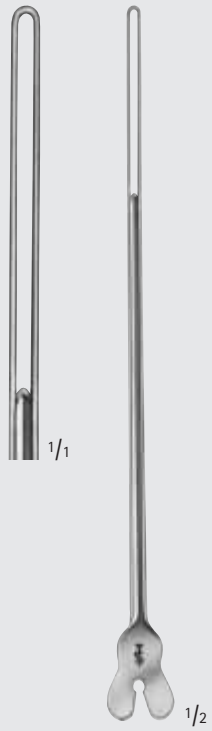
BN021R	Nr. 1	gerade	No. 1	straight
BN022R	Nr. 2	45° gebogen	No. 2	45° curved
BN023R	Nr. 3	90° gebogen	No. 3	90° curved
BN024R	Nr. 4	retrograd gebogen	No. 4	retrograde curved



BRODIE

BN020R

Hohlsonde mit Knopf,
Knopf-Ø: 3,5 mm
Director with tip,
diam. of tip: 3.5 mm
200 mm, 8"



BN026R

Ösenrinnensonde,
biegsam
Director with wire loop,
malleable
190 mm, 7 1/2"

Knopf-Ø 3 mm
Diam. of tip 3.0 mm

BN090R

Doppelknopfsonde,
biegsam, mit Loch
Double ended probe,
malleable, with hole
190 mm, 7 1/2"

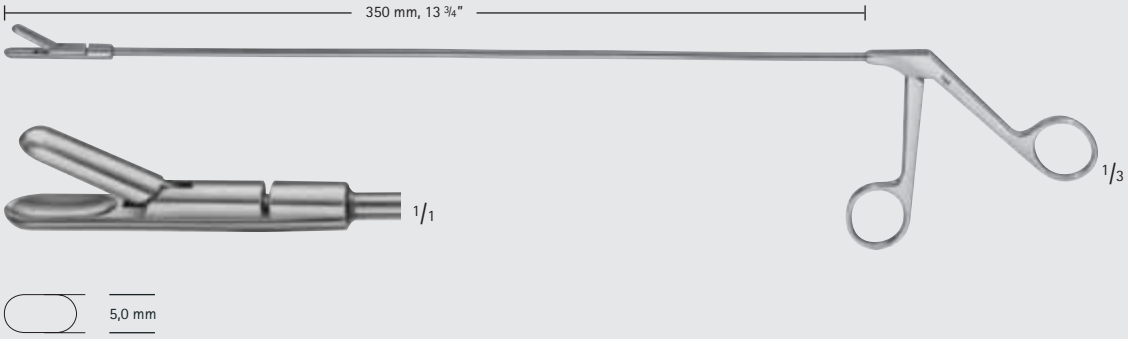
EA890R

Fistelsonde (Krypthaken)
Fistula probe (Krypt hook)
240 mm, 9 1/2"

Abdominale Chirurgie – Abdominal Surgery

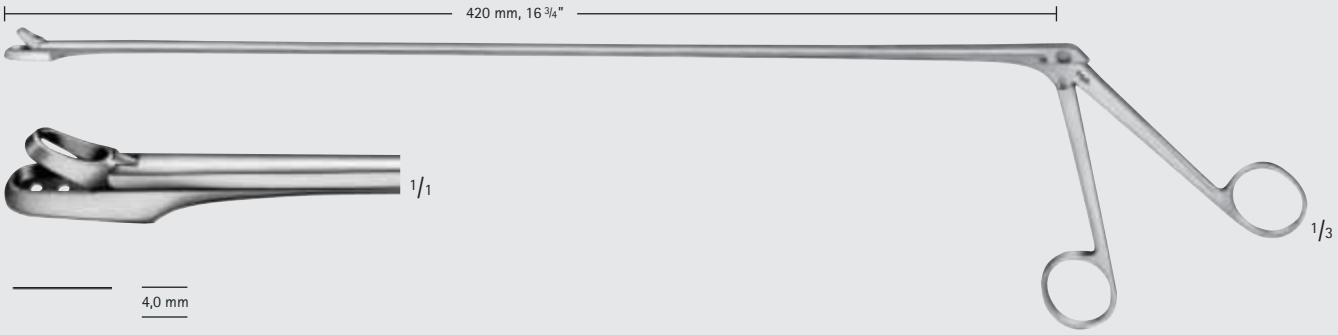
Biopsiezangen für Rektum

Biopsy Forceps for Rectum



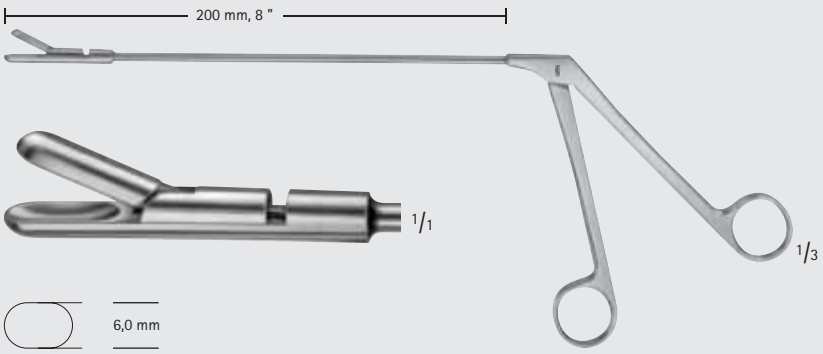
LLOYD-DAVIS

EA900R



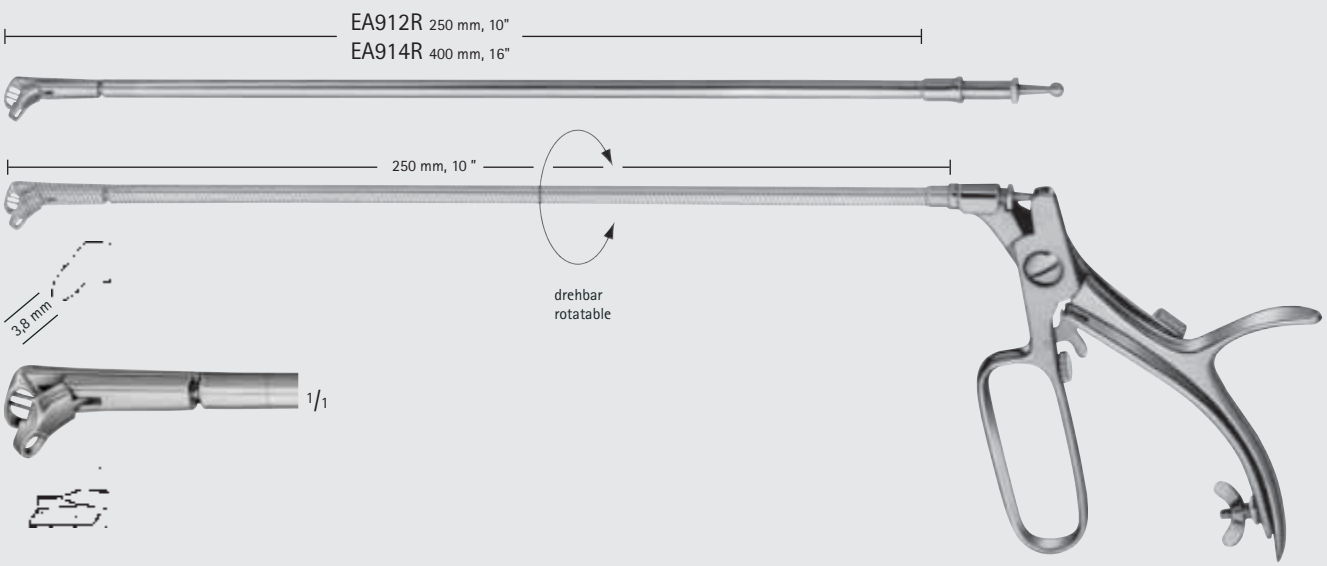
YEOMAN

EA903R



WALTON

EA904R



AESCULAP

OP151R

Griff für EA912R - EA914R
Handle for EA912R - EA914R
140 mm, 5 1/2"

EA912R-EA914R

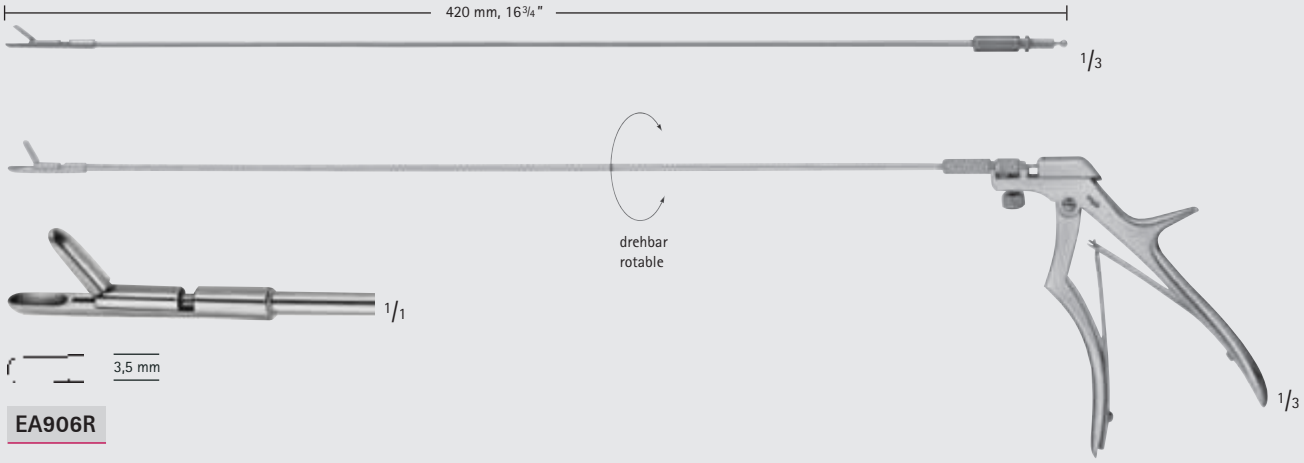
Aufsätze allein
mit ziehendem Schnitt
Attachments only
with cut beginning
from the top

EA914R	EA912R
400 mm	250 mm
16"	10"

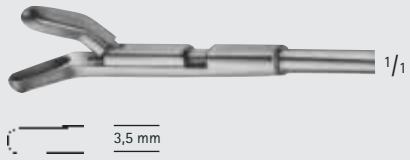
Abdominale Chirurgie – Abdominal Surgery

Biopsiezangen und Tamponhalter für Rektum

Biopsy Forceps and Swab Holders for Rectum



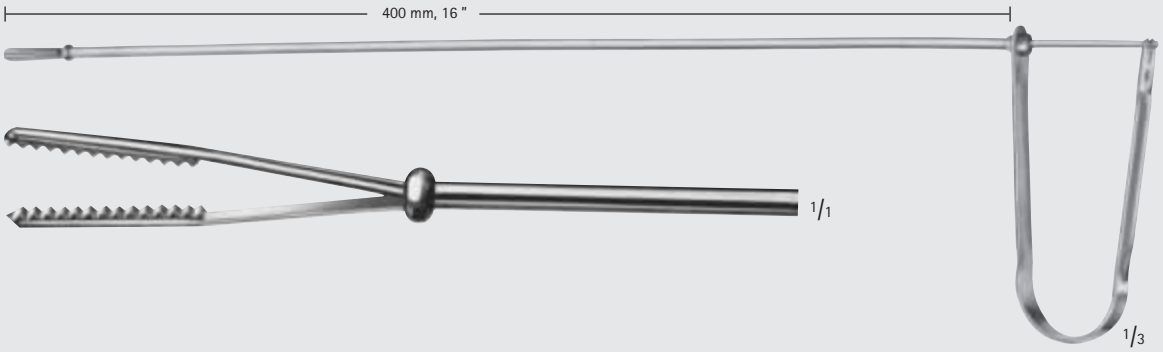
EA906R



EA907R

EA905R

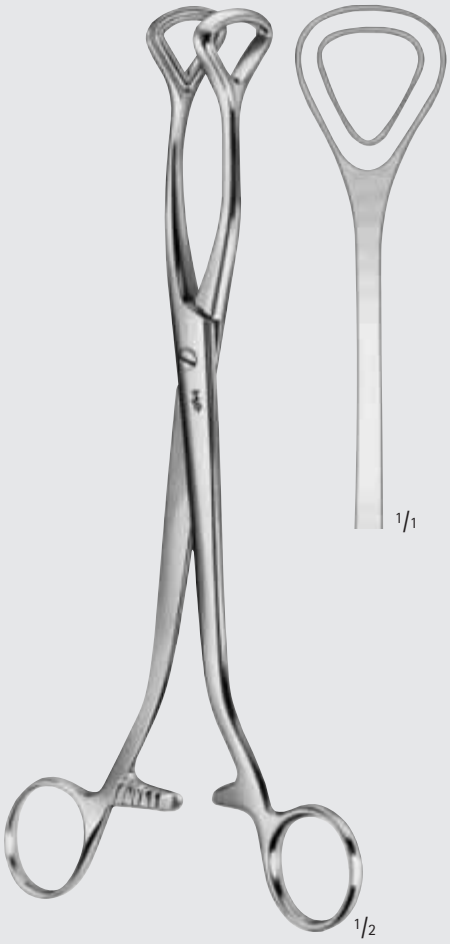
Griff für
EA906R - EA909R
Handle
for EA906R - EA909R



AESCULAP

EA943R

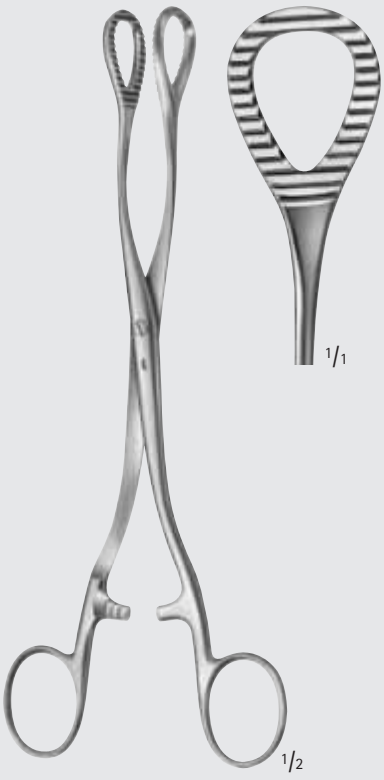
Tamponhalter
Swab holder



LUER

EA989R

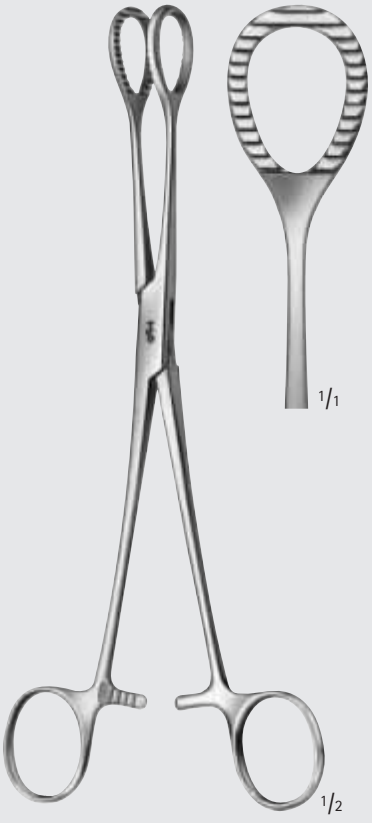
245 mm, 9 3/4"



HEYWOOD-SMITH

AN710R

200 mm, 8"



HEYWOOD-SMITH MODIF.

AN711R

215 mm, 8 1/2"

EA

EO338R-EO340R

EO338R
250 mm
10"

EO340R
270 mm
10 3/4"

VC100R

VC101R

FERGUSSON

VC100R-VC101R

Druckklemmen
Pressure clamps
200 mm, 8"

RUDD

EA991R

Hämorrhoidal-Ligator
mit Lade-Aufsatz und
100 Ligatur-Gummiringen
Hemorrhoidal ligator
with loading attachment
and 100 ligature rubber rings
315 mm, 12 1/2"

MC GIVNEY

EA990R

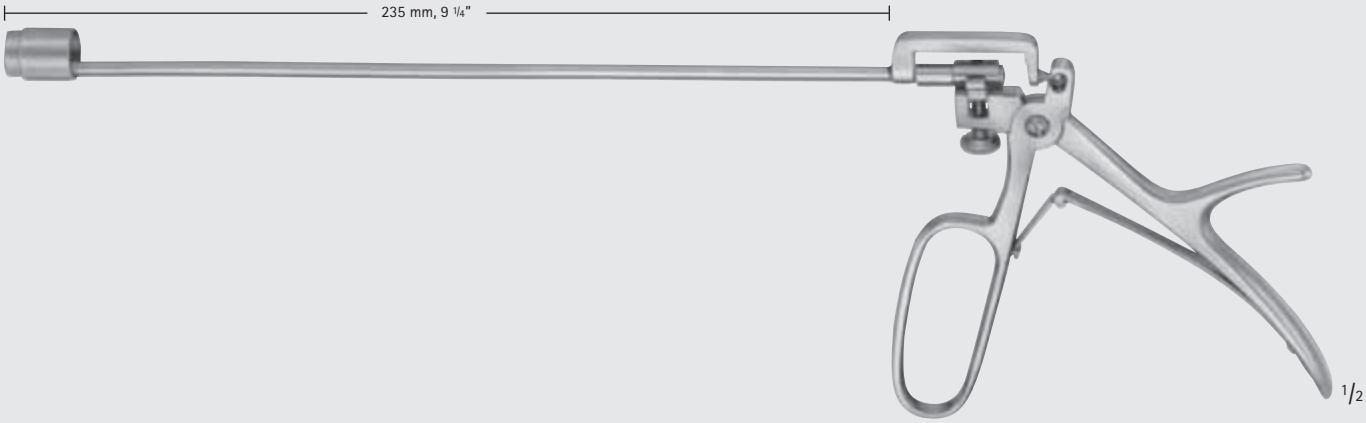
Hämorrhoiden-Fasszange
Hemorrhoidal forceps
185 mm, 7 1/4"

EA993

Ligatur-Gummiringe
Bestelleinheit:
PAK = Packung à 100 Stück
Ligature rubber rings
Sales Unit:
PAK = Package of 100 pieces

Abdominale Chirurgie – Abdominal Surgery

Hämorrhoidal-Ligator
Hemorrhoidal Ligator



BARRON

EA996R

Hämorrhoidal-Ligatur, komplett
bestehend aus:
EA997R Schaft, allein
EA998R Universal-Handgriff
EA999P Ladekonus

Hemorrhoidal ligator, complete
consisting of:
EA997R Shaft, only
EA998R Universal handle
EA999P Conical loader

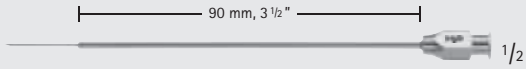
Passende Ligatur-Gummiringe: EA993 (siehe Seite 585)

Suitable ligature rubbber rings: EA993 (see page 585)

GABRIEL

SF462

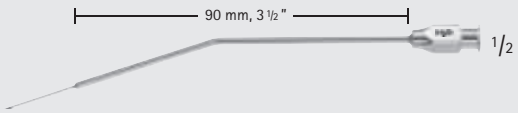
Hämorrhoidal-Spritze
Hemorrhoidal syringe
10 ml



GABRIEL

SF835

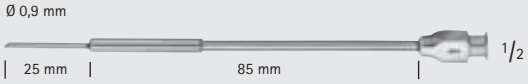
Hämorrhoidal-Kanüle, gerade,
mit Luer-Lock-Ansatz
Hemorrhoidal cannula, straight,
with Luer-Lock attachment



GABRIEL

SF836

Hämorrhoidal-Kanüle, abgewinkelt,
mit Luer-Lock-Ansatz
Hemorrhoidal cannula, angled,
with Luer-Lock attachment



SF818R

Hämorrhoiden-Kanüle, mit
Luer-Lock-Ansatz
Hemorrhoidal cannula,
with Luer-Lock attachment

INCHES
1
2
3
4
5
6
7
8

EB

Instrumente für Galle, Leber und Milz
Gall Bladder-, Liver- and Spleen Instruments

Instrumente für Galle, Leber – Gall Bladder-, Liver-Instruments

Gallenkanal-Klemmzangen
Gall Duct Forceps

Klemmen nach OVERHOLT siehe Rubrik BJ
OVERHOLT Forceps see section BJ

LOWER

EB001R

180 mm, 7"

LAHEY (SWEET)

EB003R

200 mm, 8"

LAHEY

BJ060R

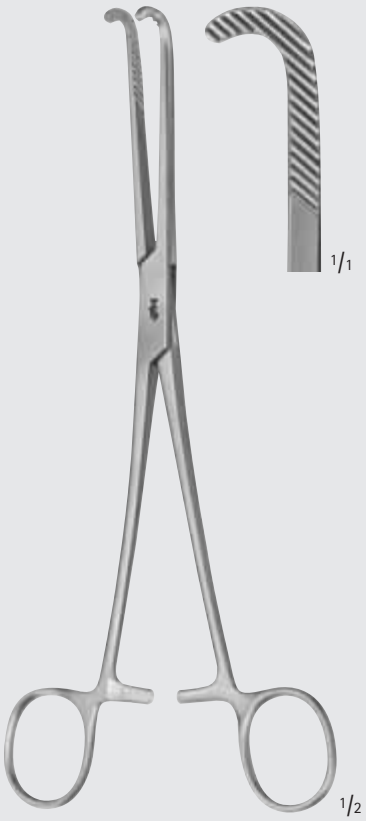
225 mm, 9"

Klemmen nach OVERHOLT siehe Rubrik BJ
OVERHOLT Forceps see section BJ

DESJARDINS

EB008R

Gallenkanal- und Cystikusklemme
Gall duct- and cystic forceps
220 mm, 8 3/4"



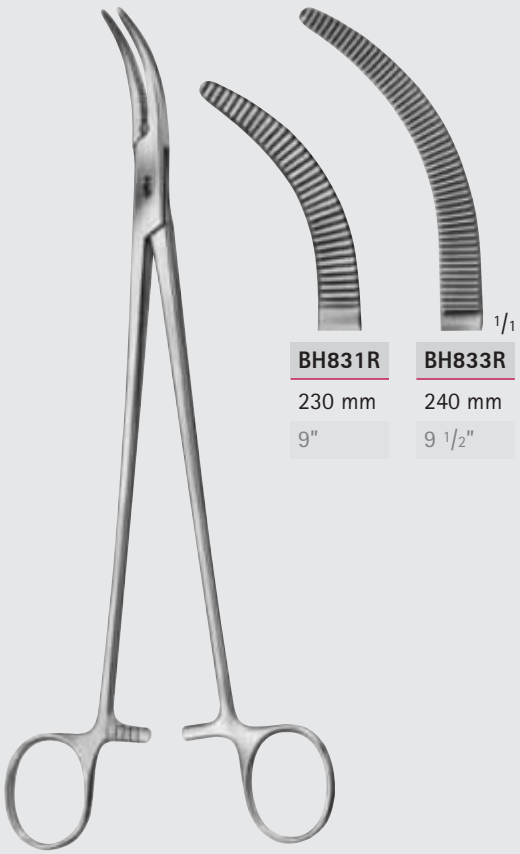
NISSEN

EB009R

Gallenkanal- und Cystikusklemme
Gall duct- and cystic forceps
215 mm, 8 1/2"

Instrumente für Galle, Leber – Gall Bladder-, Liver-Instruments

Gallenkanal-Klemmzangen
Gall Duct Forceps



BH831R	BH833R
230 mm	240 mm
9"	9 1/2"

MOYNIHAN

BH831R-BH833R

EB011R	EB012R

GRAY

EB011R-EB012R

Cholezystektomieklemmen

Cholecystectomy forceps

220 mm, 8 3/4"

MIXTER

BJ055R

Gallenkanal- und Cystikusklemme
Gall duct- and cystic forceps
230 mm, 9"

Instrumente für Galle, Leber – Gall Bladder-, Liver-Instruments

Gallenblasenzangen

Gall Bladder Forceps

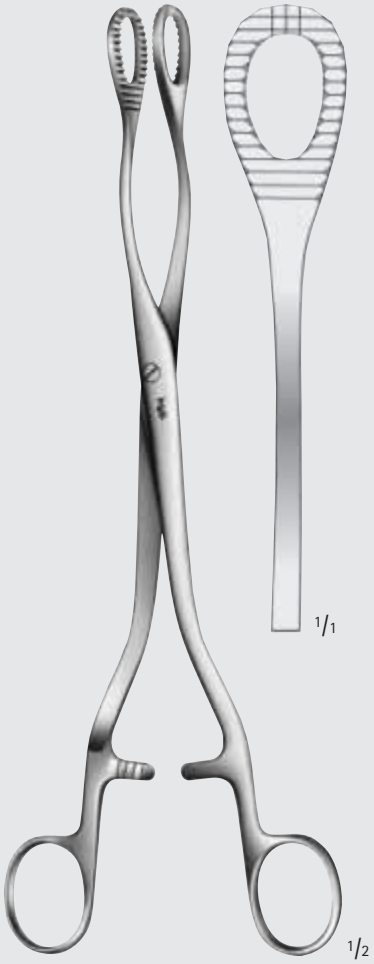
BF122R

BF123R

FOERSTER-BALLENGER

BF122R–BF123R

245 mm, 9 3/4"



HEYWOOD-SMITH

EO310R

250 mm, 10"

AURAUMATA®

EO338R
250 mm
10"

EO340R
270 mm
10 3/4"

EO338R–EO340R

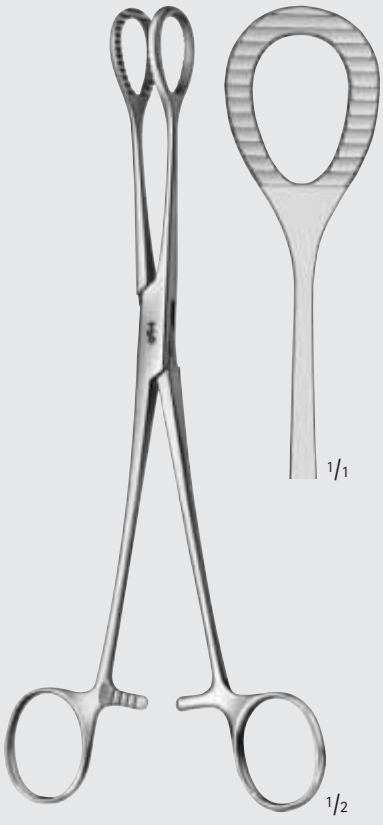
HEYWOOD-SMITH

AN710R
200 mm, 8"

Instrumente für Galle, Leber – Gall Bladder-, Liver-Instruments

Gallenblasenzangen und Gallengangscheren

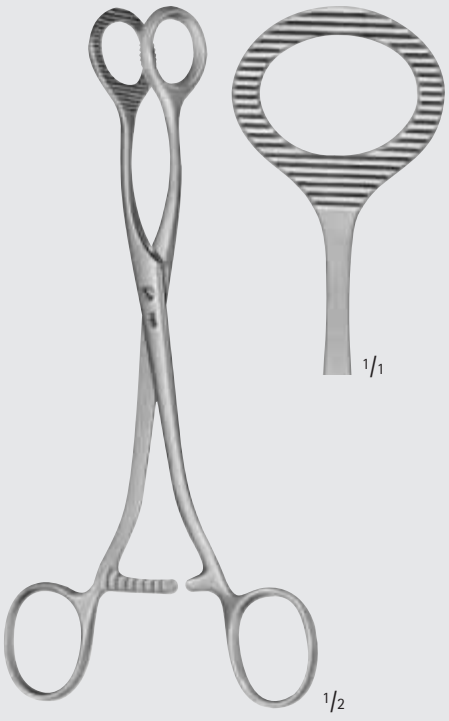
Gall Bladder Forceps and Gall Duct Scissors



HEYWOOD-SMITH MODIF.

AN711R

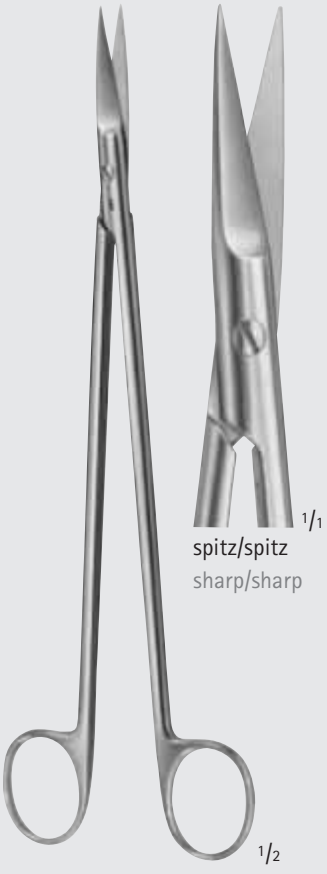
215 mm, 8 1/2"



DOYEN

EO332R

185 mm, 7 1/4"



spitz/spitz
sharp/sharp

BC642R

zur Eröffnung
der Gallenblase
for opening the
gall bladder
225 mm, 9"

1/1

POTTS-DE MARTEL

BC650R

60°

MILLS

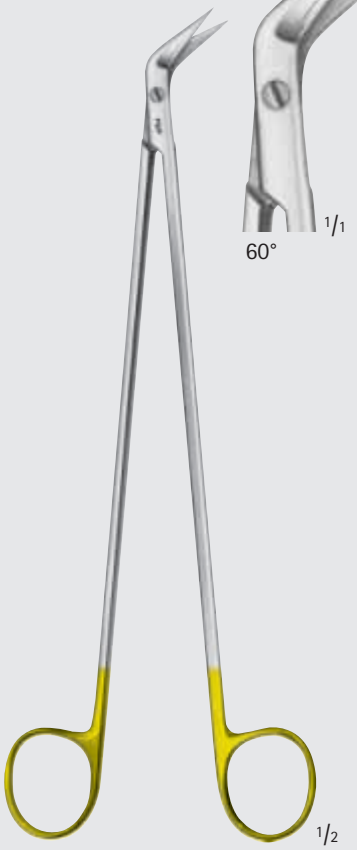
BC651R

60°

1/2

BC650R–BC651R

220 mm, 8 3/4"



1/1

60°

1/2

DE BAKEY

BC245R

220 mm, 8 3/4"

Instrumente für Galle, Leber – Gall Bladder-, Liver-Instruments

Gallengangsonden
Gall Duct Probes

Knopf-Ø 3,5 mm
Diam. of tip 3.5 mm

1/2

HAJEK

OK900

Spülkanüle, aus Silber
Irrigating cannula, silver
165 mm, 6 1/2"

Knopf-Ø 5 mm
Diam. of tip 5 mm

1/2

MOYNIHAN

EB050

Gallensteinsonde und -löffel aus Zinn, biegsam
Gall stone probe and -scoop of tin, malleable
365 mm, 14 1/2"

Knopf-Ø 5 mm
Diam. of tip 5 mm

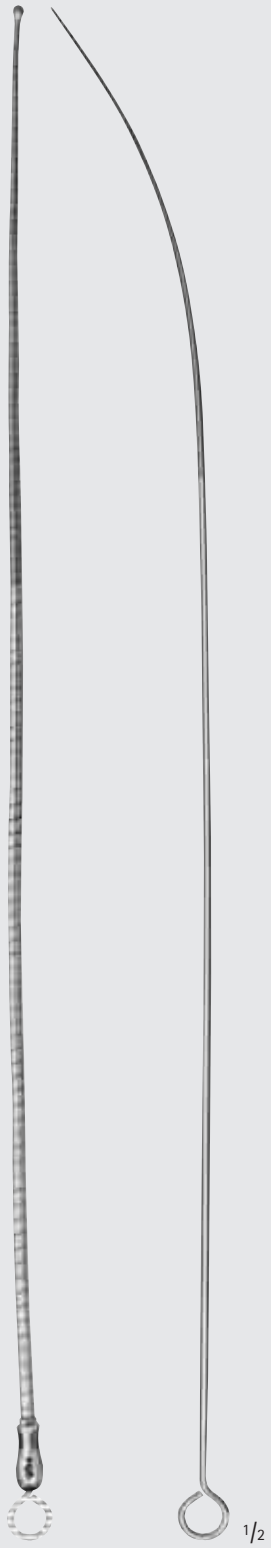
1/2

MAYO

EO005R

Gallengangsonde, biegsam
Gall duct probe, malleable
330 mm, 13 1/8"

Knopf-Ø 3,5 mm
Diam. of tip 3.5 mm



1/2

OCHSNER

EB052C

Gallengangsonde, federnd
Gall duct probe, flexible
400 mm, 16"

1/1

	EB101R	EB102R	EB103R
Knopf-Ø	3,8 mm	5,3 mm	6,8 mm
Diam. of tip	3.8 mm	5.3 mm	6.8 mm

1/2

DESJARDINS

EB101R-EB103R

Gallengangsonden, federnd
Gall duct probes, flexible
285 mm, 11 1/4"

Instrumente für Galle, Leber – Gall Bladder-, Liver-Instruments

Gallengangdilatatoren
Gall Duct Dilators

	Charr. (French)
EF638R	8
EF639R	9
EF640R	10
EF641R	11
EF642R	12
EF643R	13
EF644R	14
EF645R	15
EF646R	16
EF647R	17
EF648R	18
EF649R	19
EF650R	20
EF651R	21
EF652R	22
EF653R	23
EF654R	24
EF655R	25
EF656R	26
EF657R	27
EF658R	28
EF659R	29
EF660R	30

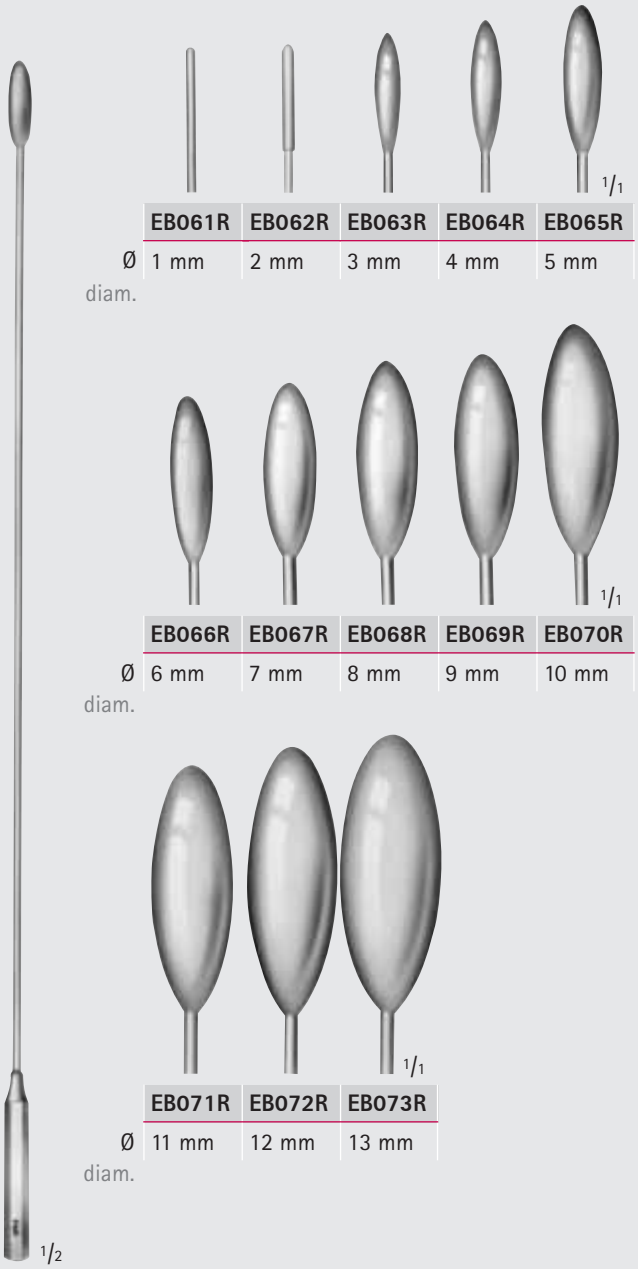
DITTEL

EF638R-EF660R

Metallbougie-Öffner

Metal bougies
and dilating sounds

345 mm, 13 3/4"



	EB061R	EB062R	EB063R	EB064R	EB065R
Ø diam.	1 mm	2 mm	3 mm	4 mm	5 mm

	EB066R	EB067R	EB068R	EB069R	EB070R
Ø diam.	6 mm	7 mm	8 mm	9 mm	10 mm

	EB071R	EB072R	EB073R
Ø diam.	11 mm	12 mm	13 mm

1/1 1/1 1/2

BAKES

EB061R-EB073R

Gallengangdilatationsoliven, biegsam

Common bile duct dilators, malleable

EB061R-EB065R 315 mm, 12 1/2"
EB066R-EB073R 320 mm, 12 3/4"

EB074R

Satz à 9 Stück EB063R - EB071R, in Leinentasche

Set of 9 pieces EB063R - EB071R, in canvas roll

EB075

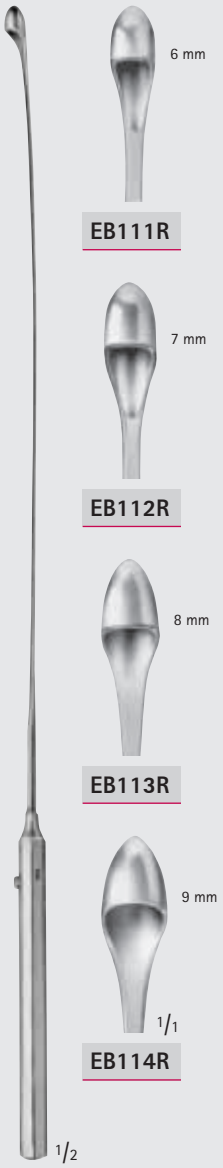
Leinentuchtasche allein

Canvas roll only

Instrumente für Galle, Leber – Gall Bladder-, Liver-Instruments

Gallensteinlöffel
Gall Stone Scoops

geeignete Wundhaken siehe Rubrik BT
selbsthaltende Bauchdeckenrahmen siehe Rubrik BV
suitable retractors see section BT
Self-retaining abdominal retractors see section BV



EB111R

EB112R

EB113R

EB114R

DESJARDINS

EB111R–EB114R

Sonde und Fänger mit federndem Schaft
Probe and catch with flexible shaft
300 mm, 12"

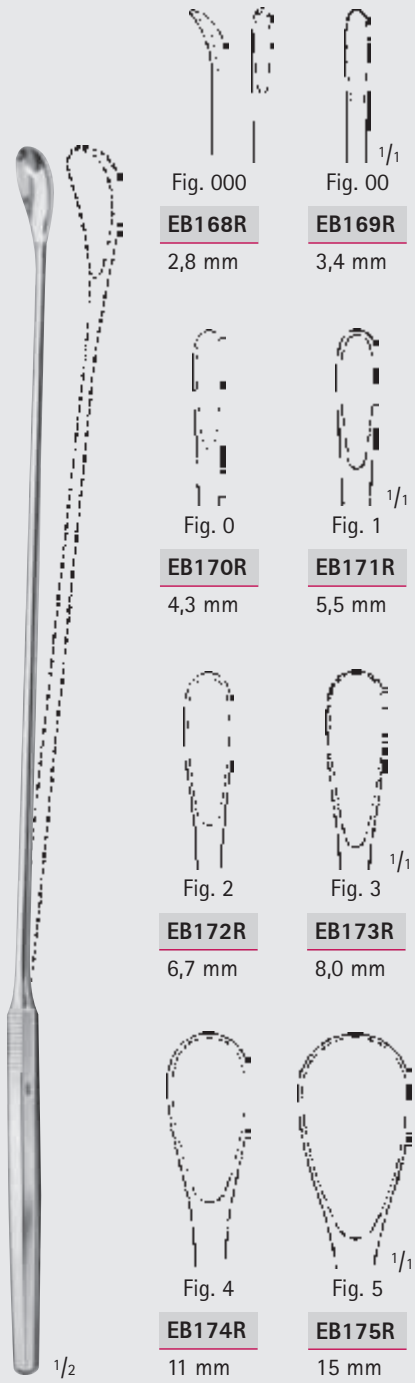


Fig. 000 — **EB168R** — 2,8 mm

Fig. 00 — **EB169R** — 3,4 mm

Fig. 0 — **EB170R** — 4,3 mm

Fig. 1 — **EB171R** — 5,5 mm

Fig. 2 — **EB172R** — 6,7 mm

Fig. 3 — **EB173R** — 8,0 mm

Fig. 4 — **EB174R** — 11 mm

Fig. 5 — **EB175R** — 15 mm

LUER-KÖRTE MODIF.

EB168R–EB175R

mit biegsamen Schaft
with malleable shaft
325 mm, 12 3/4"

weitere Gallensteinzangen siehe Rubrik EF
further gall stone forceps see section EF

BLAKE

EB220R

205 mm, 8"

BLAKE

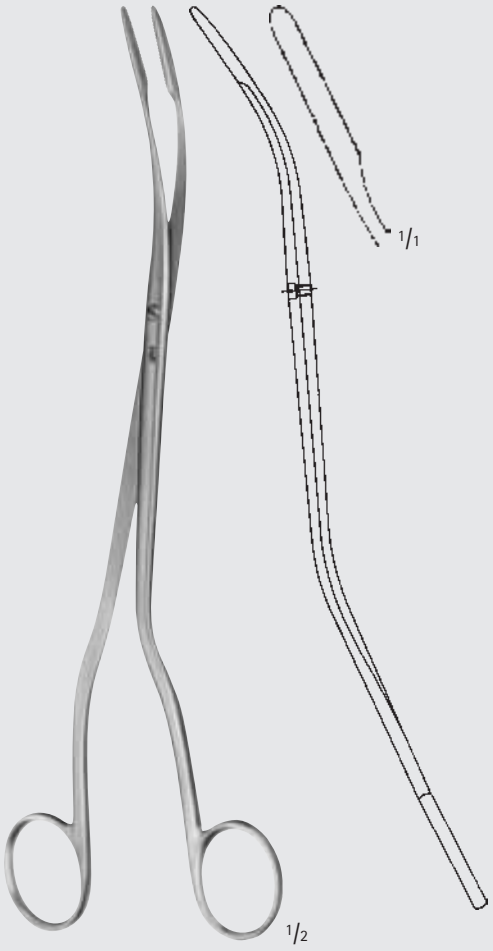
EB221R

205 mm, 8"

Instrumente für Galle, Leber – Gall Bladder-, Liver-Instruments

Gallensteinzangen

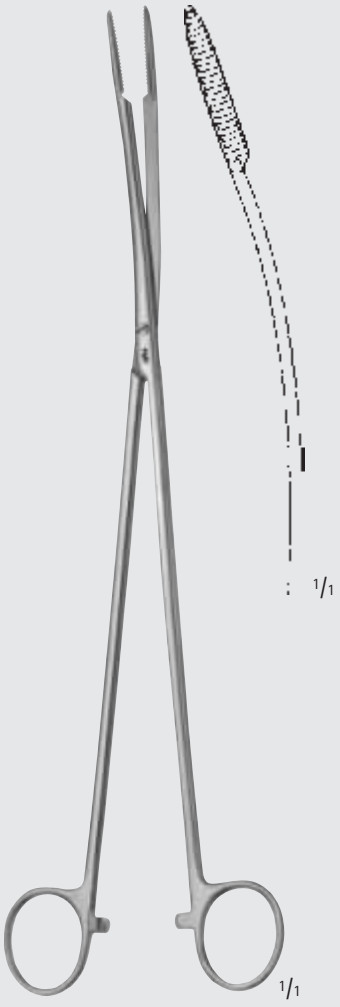
Gall Stone Forceps



CZERNY

EB225R

245 mm, 9 3/4"

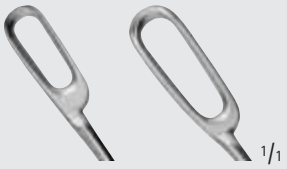


PELKMANN

EO061R

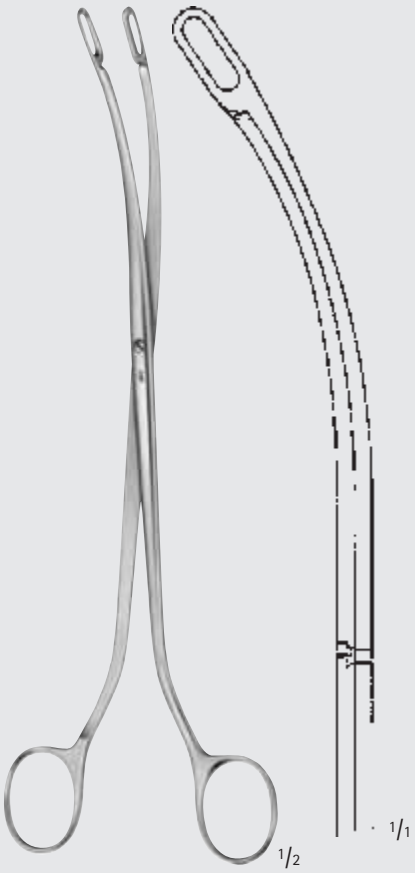
260 mm, 10 1/4"

EB231R EB232R



EB233R EB234R

1/1



1/2 1/1

DESJARDINS

EB231R-EB233R

225 mm, 9"

EB240R

240 mm

9 1/2"

1/1

EB242R

225 mm

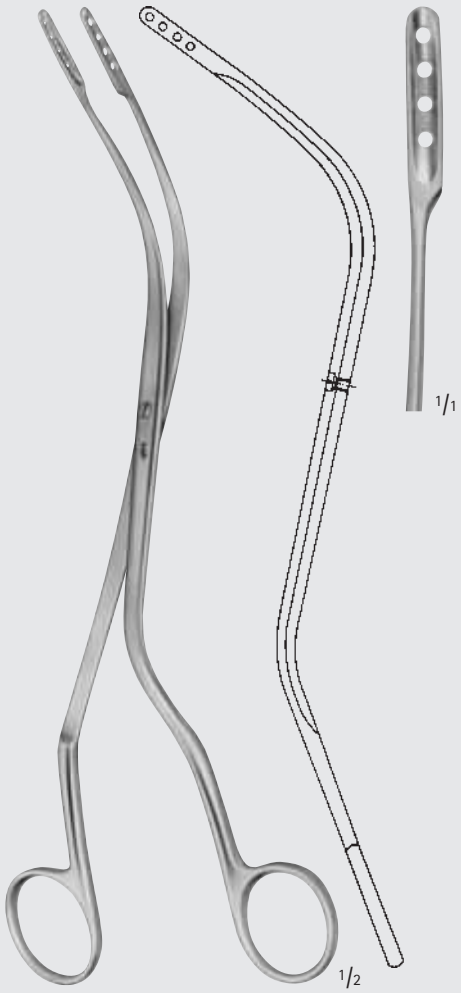
9"

DESJARDINS

EB240R-EB242R

besonders schmale Modelle

extremely delicate patterns



1/1 1/2

TÜBINGER MODELL

EB239R

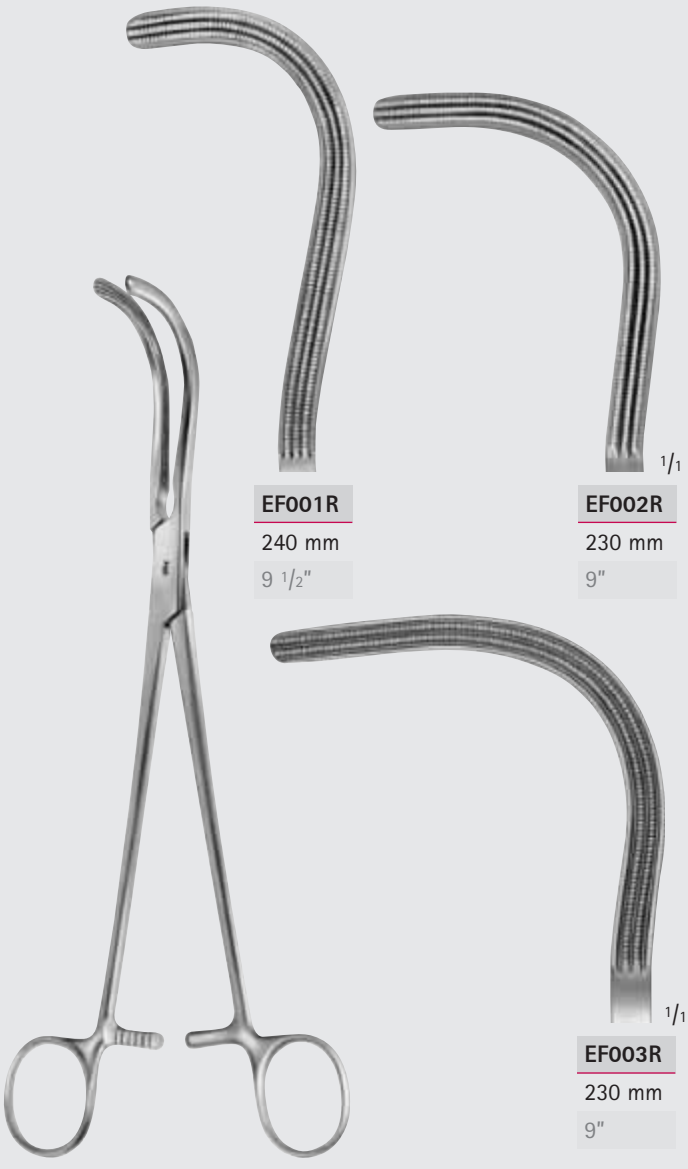
255 mm, 10"

INCHES
1
2
3
4
5
6
7
8

EF

Urologie-Instrumente
Genito-Urinary Instruments

TRAUMATA®



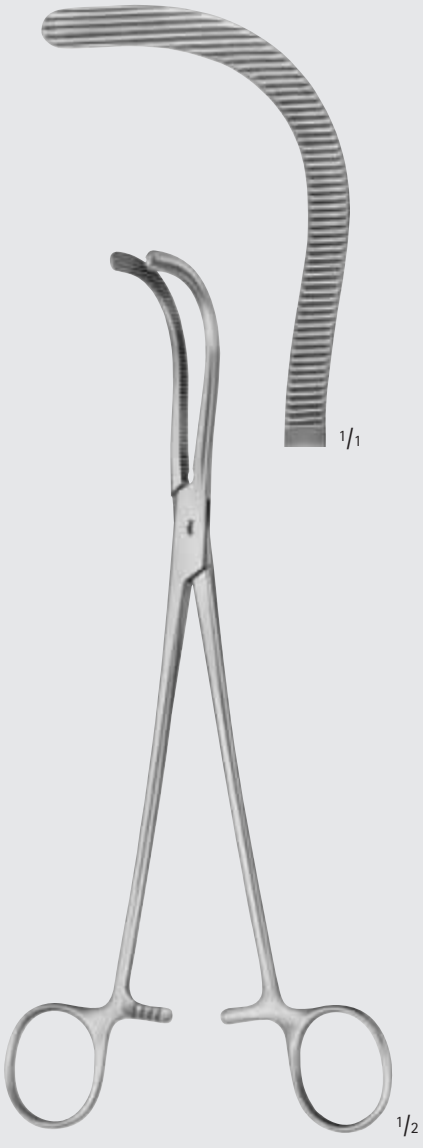
EF001R
240 mm
9 1/2"

EF002R
230 mm
9"

EF003R
230 mm
9"

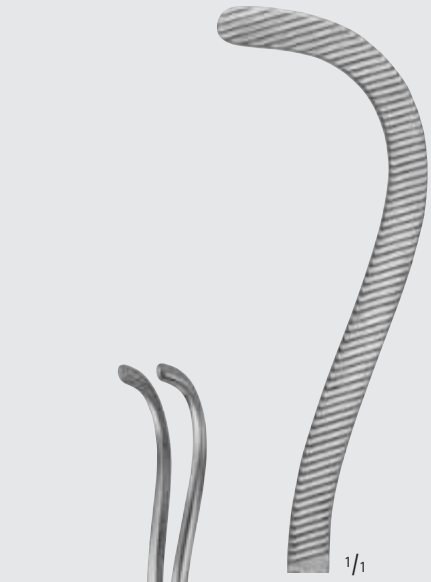
GUYON

EF001R–EF003R



GUYON

EF011R
230 mm, 9"



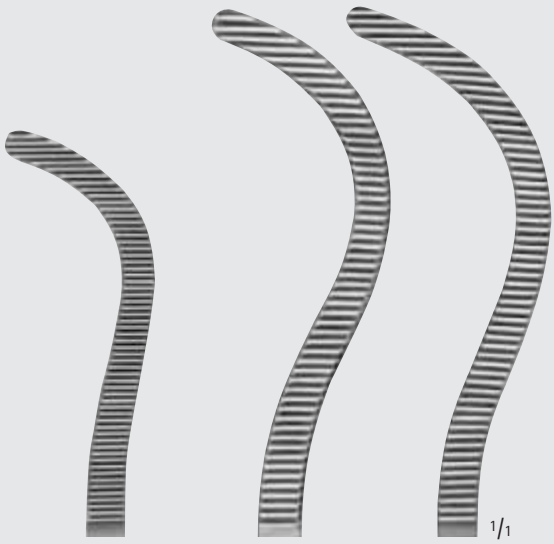
GUYON

EF010R

235 mm, 9 1/4"

PEAN

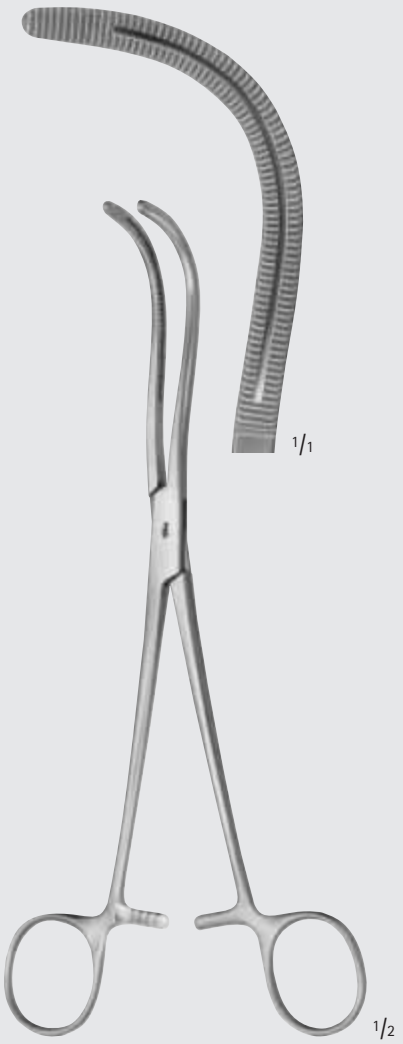
BH835R–BH839R



BH835R	BH837R	BH839R
195 mm	220 mm	230 mm
7 3/4"	8 3/4"	9"

Urologie–Instrumente – Genito-Urinary Instruments

Nierenklemmen
Kidney Clamps



STILLE

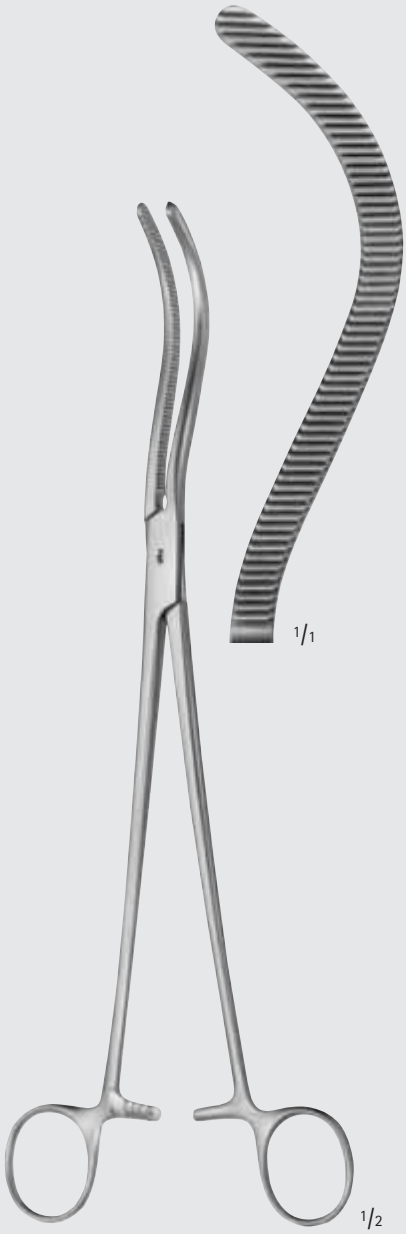
EF016R

220 mm, 8 3/4"

STILLE

EF015R

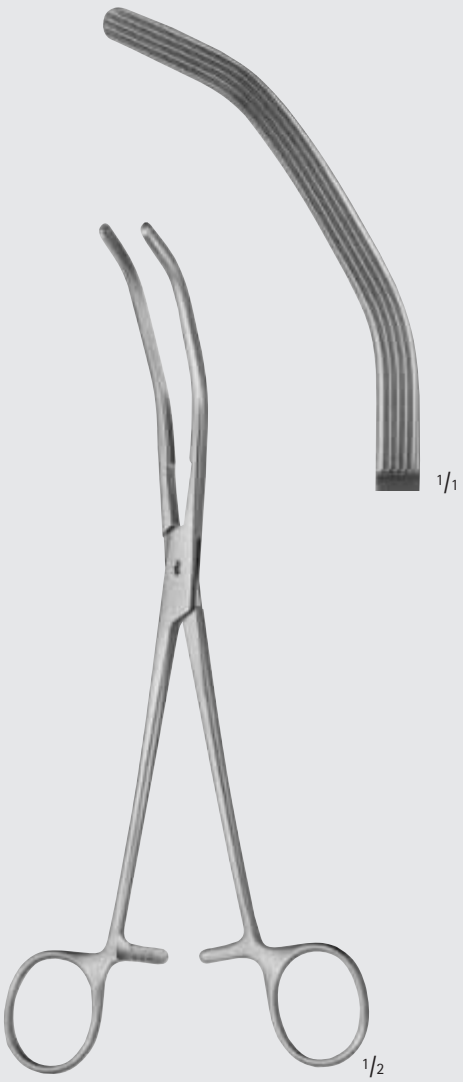
240 mm, 9 1/2"



GUYON

EF012R

265 mm, 10 1/2"



HERRICK

EF030R

225 mm, 9″

WERTHEIM

BJ574R

255 mm, 10″

Urologie-Instrumente – Genito-Urinary Instruments

Nierenstielklemmen
Kidney Pedicle Clamps

WERTHEIM-CULLEN

BJ579R

Winkel- und Druckklemme

Angle- and pressure clamp

215 mm, 8 1/2"

ATRAUMATA®

WERTHEIM

BJ581R

Winkel- und Druckklemme

Angle- and pressure clamp

250 mm, 10"

COLLIN

EO405R

285 mm, 11 1/4"

DARTIGUES

EO407R

255 mm, 10"

1/1

EF047R
170 mm
6 3/4"

EF048R
160 mm
6 1/4"

HEIMING

EF047R-EF048R

für Kinder
for children

1/1

EF051R

EF052R

1/2

1/1

EF053R

EF054R

RANDALL

EF051R-EF054R

225 mm, 9"

EF055R

1/1

EF056R

1/2

RANDALL

EF055R-EF056R

190 mm, 7 1/2"

Urologie-Instrumente – Genito-Urinary Instruments

Nierensteinzangen
Kidney Stone Forceps

EB244R
245 mm
9 3/4"

1/1

EB246R
230 mm
9"

RANDALL

EB244R-EB246R
besonders schmale Modelle
extremely delicate patterns

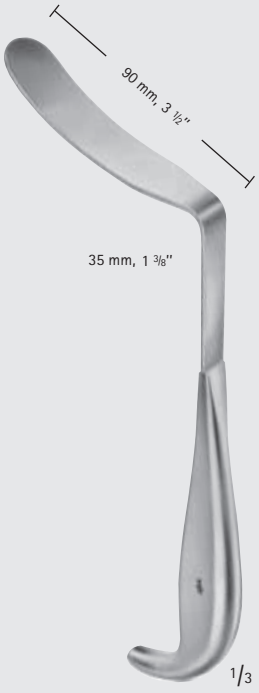
KUGELSCHNELLVERSCHLUSS
BALL SNAP CLOSURE

MILLIN

BV580R

Blasenwundspreizer komplett, bestehend aus:
BV575R Sperrer allein
BV576R Blätter 57 x 25 mm
BV577R Blätter 82 x 25 mm
BV578R Mittelblatt 105 x 45 mm

Bladder retractor complete, consisting of:
BV575R Spreader only
BV576R Blades 57 x 25 mm
BV577R Blades 82 x 25 mm
BV578R Center blade 105 x 45 mm



LEGUEU

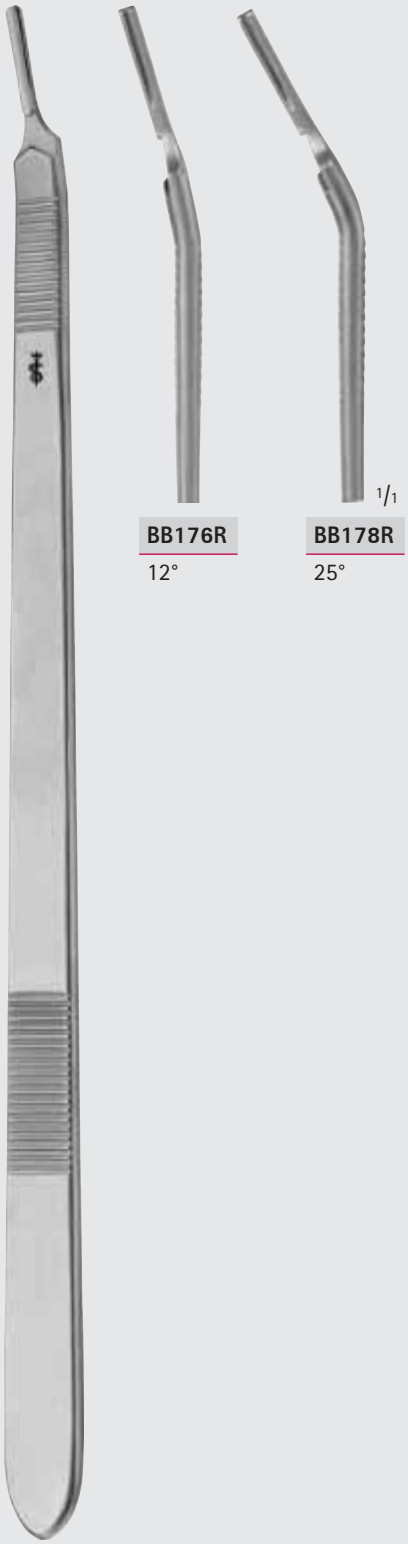
BV928R

Blasenspatel
Bladder spatula
260 mm, 10 1/4"

Urologie–Instrumente – Genito-Urinary Instruments

Urologie - Prostatektomie

Genito-Urinary Instruments - Prostatectomy



1/1

BB176R
12°

BB178R
25°

BARRÉ

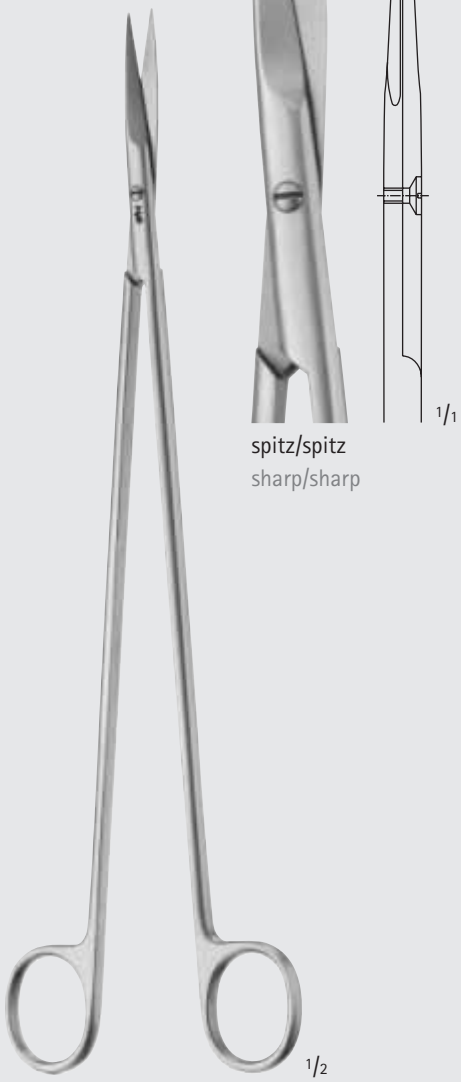
BB176R-BB178R

No. 3 XL
für linke Hand
for left hand
250 mm, 10"

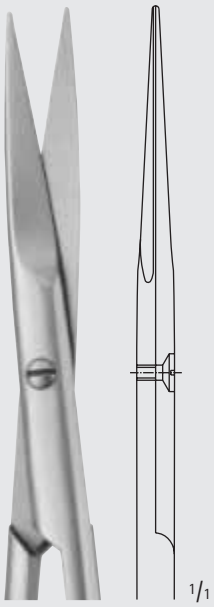
BARRÉ

BB177R

No. 3 XL
für linke Hand
for left hand
250 mm, 10"



1/2



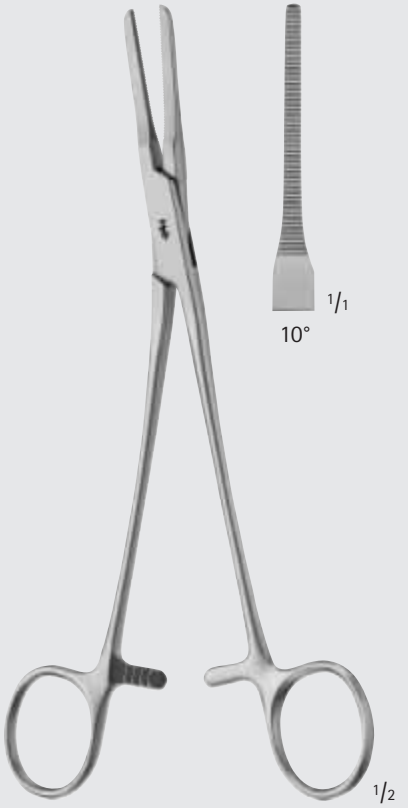
1/1

spitz/spitz
sharp/sharp

BARRÉ

BC715R

Präparierschere
Dissecting scissors
280 mm, 11"

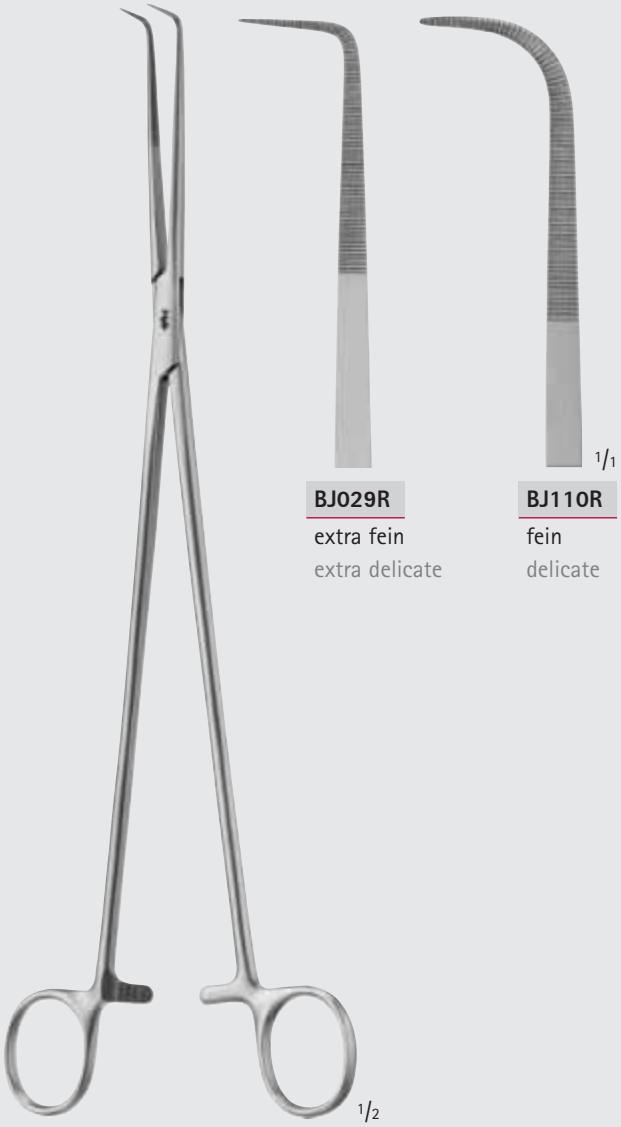


EF167R

Venenklemme

Venous plexus clamp

210 mm, 8 1/4"



BJ029R

extra fein

extra delicate

BJ110R

fein

delicate

BARRE

BJ029R-BJ110R

Präparierklemmen

Dissecting forceps

280 mm, 11"

EF

BARRÉ

BT680R

Prostata-Retraktor
Prostate retractor
360 mm, 14 3/8"

BARRÉ

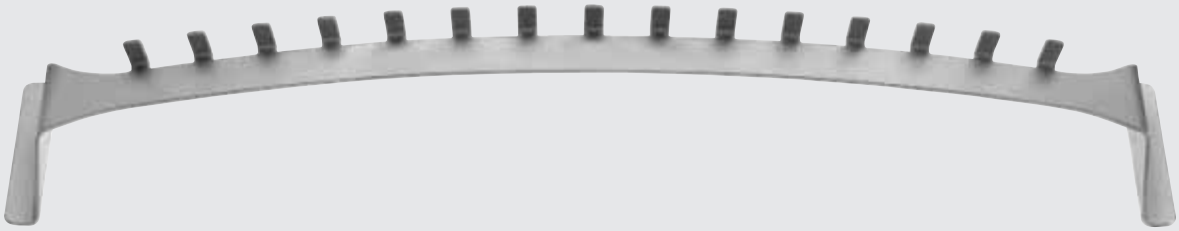
BT681R

Urethra-Retraktor
Urethral retractor
390 mm, 15 1/2"

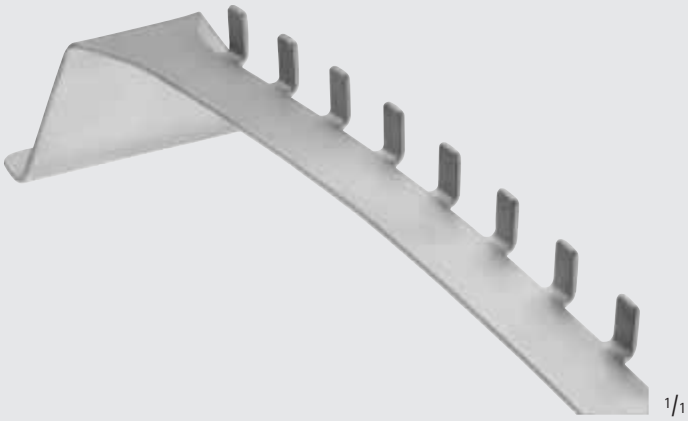
BARRÉ

GK685R

Bipolare Pinzette
Bipolar forceps
260 mm, 10 1/4"



1/3



1/1

BARRÉ

BV927R

Fadenhaltebügel

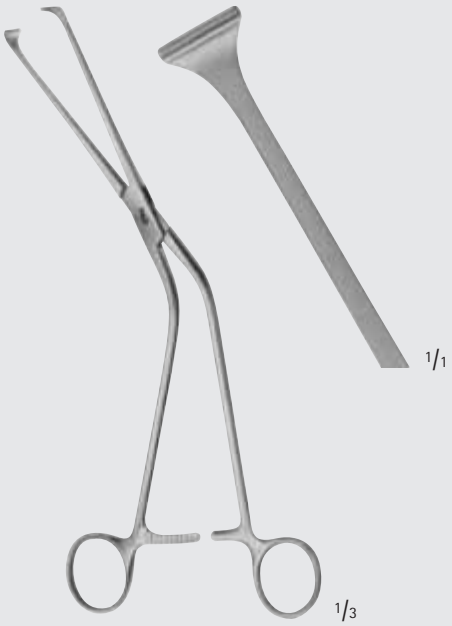
Suture holding frame

465 mm, 18 1/3"

Urologie-Instrumente – Genito-Urinary Instruments

Urologie - Prostatektomie

Genito-Urinary Instruments - Prostatectomy



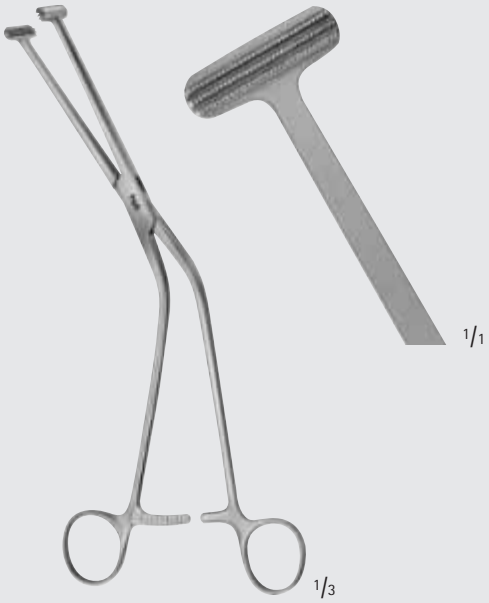
MILLIN

EF163R

Kapselfasszange

Lobe grasping forceps

245 mm, 9 3/4"



MILLIN

EF164R

Kapselfasszange

Lobe grasping forceps

235 mm, 9 1/4"

MILLIN

EF168R

Fadenhaltezange

Ligature holding forceps

245 mm, 9 3/4"

MILLIN

EF170R

Blasenhalsspreizer

Bladder neck spreader

285 mm, 11 1/4"

BM627R

BM628R

BM629R

BM627R-BM629R
Ersatz-Nadeln
Spare needles

1/2

YOUNG-HRYNTSCHAK

BM620R
Bumerang-Nadelhalter
mit 1 Nadel BM627R
Boomerang Needle Holder
with 1 needle BM627R
240 mm, 9 1/2"

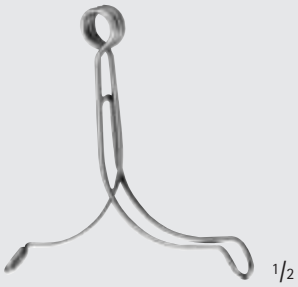
ATRAUMATA®

1/2

1/1

EF070R

Ureterzange
Ureter Forceps
240 mm, 9 1/2"



STOCKMANN

EF400R

Penisklemme
Penis clamp
70 mm, 2 3/4"

STRAUSS

EF401R

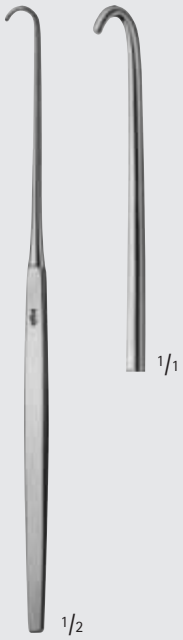
Penisklemme
Penis clamp
130 mm, 5 1/8"

EF155R

Zange zum Erfassen der Glans und der Vorhaut, Ring-Ø 4,8 mm
Forceps for grasping the glans and the foreskin, ring diam. 4.8 mm
125 mm, 5"

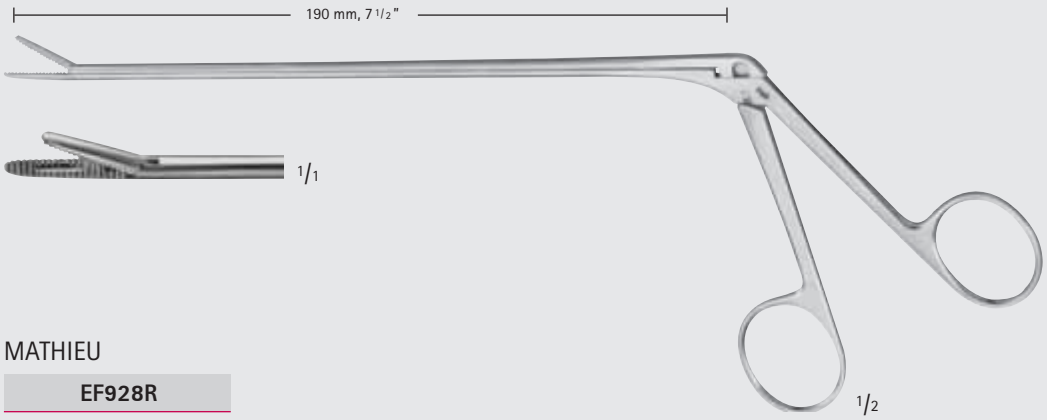
EF195R

Klemme zum Fixieren des Samenstrangs
Fixation clamp for the spermatic cord
145 mm, 5 3/4"



BT126R

Haken für den Samenstrang
Hook for the spermatic cord
165 mm, 6 1/2"



MATHIEU

EF928R

Fremdkörperzange
Foreign body forceps

PITHA

EF921R

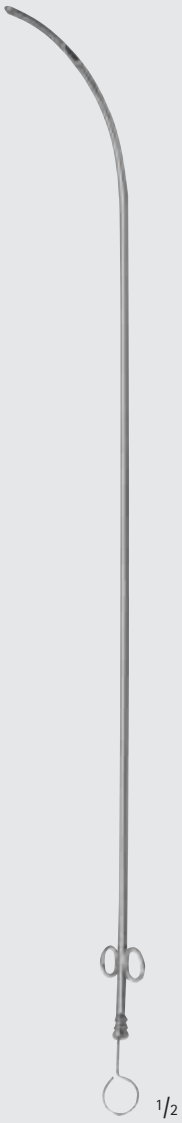
Fremdkörperzange
Foreign body forceps
220 mm, 8 3/4"

biegsam
malleable

ASCH

ER005R

Sekretlöffel, stumpf
Secretion scoop, blunt
200 mm, 8"



Charr. (French)

EF208C	8
EF210C	10
EF212C	12
EF214C	14
EF216C	16
EF218C	18
EF220C	20

Metallkatheter
für Männer
Male catheters,
metal
290 mm, 11 1/2"

Charr. (French)

EF306C	6
EF308C	8
EF310C	10
EF312C	12
EF314C	14
EF316C	16
EF318C	18

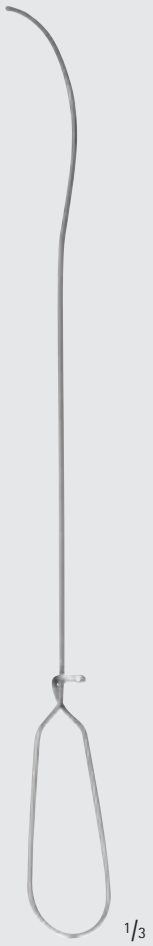
Metallkatheter
für Frauen
Female catheters
metal
155 mm, 6"

EF491C

Katheterspanner und Einführungsinstrument

Catheter guide (introducer)

490 mm, 19 1/2"



GUYON

EF492R

Katheterspanner und Einführungsinstrument

Catheter guide (introducer)

365 mm, 14 1/2"

EF493R

Kathetereinführungsinstrument

Introducer for catheters

460 mm, 18"

1/2

	Charr. (French)
EF638R	8
EF639R	9
EF640R	10
EF641R	11
EF642R	12
EF643R	13
EF644R	14
EF645R	15
EF646R	16
EF647R	17
EF648R	18
EF649R	19
EF650R	20
EF651R	21
EF652R	22
EF653R	23
EF654R	24
EF655R	25
EF656R	26
EF657R	27
EF658R	28
EF659R	29
EF660R	30

DITTEL

EF638R–EF660R

Metallbougie-Öffner, starr
Urethral bougies
and dilating sounds, stiff
345 mm, 13 3/4"

1/2

TURNER WARWICK

EF790R

Harnröhrenbougie
Retrograde bougie
180 mm, 7"

EF824R	Ben.24/Charr.12
EF826R	Ben.26/Charr.13
EF828R	Ben.28/Charr.14
EF830R	Ben.30/Charr.15
EF832R	Ben.32/Charr.16
EF834R	Ben.34/Charr.17
EF836R	Ben.36/Charr.18
EF838R	Ben.38/Charr.19
EF840R	Ben.40/Charr.20
EF842R	Ben.42/Charr.21
EF844R	Ben.44/Charr.22
EF846R	Ben.46/Charr.23
EF848R	Ben.48/Charr.24
EF850R	Ben.50/Charr.25
EF852R	Ben.52/Charr.26
EF854R	Ben.54/Charr.27
EF856R	Ben.56/Charr.28
EF858R	Ben.58/Charr.29
EF860R	Ben.60/Charr.30

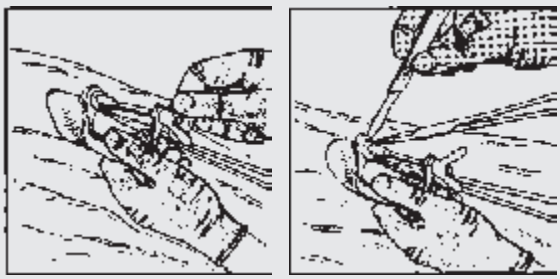
GUYON

EF824R–EF860R

Metallbougie-Öffner

Urethral bougies and dilating sounds

255 mm, 10"



⌘Der glockenförmige Stempel der Beschneidungsklemme wird über die Eichel geschoben und die Vorhaut darübergezogen, was 2 Klemmen oder Haltefäden erleichtern.
⌘Die Flügelmutter wird so stark wie möglich angezogen, so dass die Vorhaut ringförmig maximal komprimiert wird.
⌘Mit dem Skalpell wird die Vorhaut unmittelbar am Kompressionsring abgetragen. Zur Vermeidung von Blutungen bleibt die Beschneidungsklemme einige Minuten liegen. Es empfiehlt sich, größere Venen, in jedem Falle aber die Frenulumarterie nach etwaiger Durchtrennung zu unterbinden.
⌘Der Vorteil dieser Beschneidungsart liegt in der kosmetisch günstigen Narbe, wie sie nach Abstoßung des dünnen Nekrosesaumes entsteht.

⌘Assisted by two hemostats or ligatures the foreskin is pushed over the bellshaped protection-rod and the glans is placed into it.
⌘By now, the wing-nut is tightened as close as possible, so the foreskin is annular compressed. The foreskin is cut off with a scalpel, right next to the compression ring.
⌘The circumcision clamp remains a few minutes to avoid bleeding. In case that any large vein, specially the frenular artery, is cut through, a ligature must be set.
⌘The advantage of the method described is the cosmeticly favourable scar which is left after rejection of the small necrotized portion.

WINKELMANN

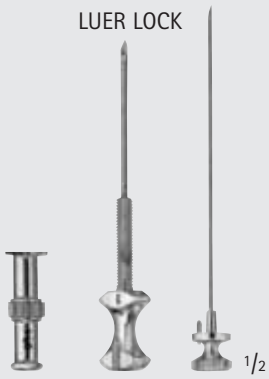
	Ø diam.
EF965R	12 mm
EF966R	16 mm
EF967R	20 mm

Beschneidungsklemmen
Circumcision clamps

INCHES

EJ

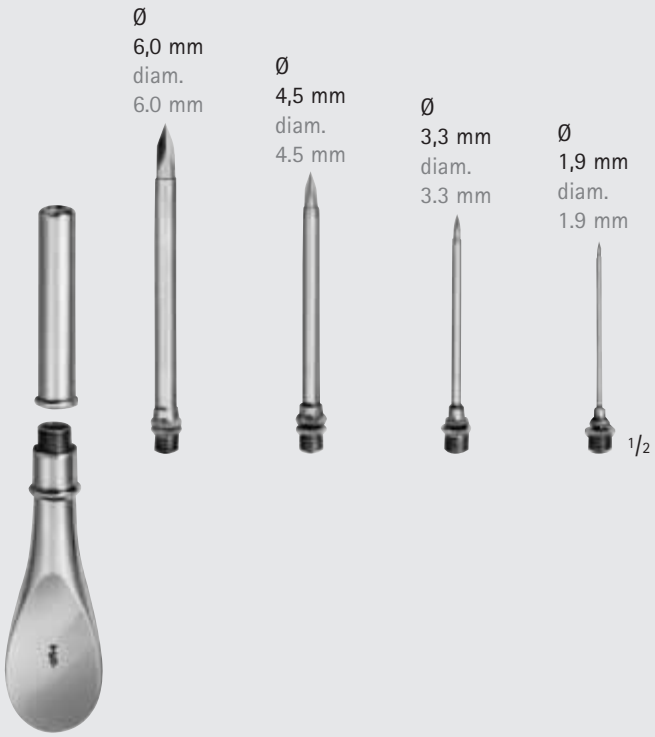
Trokare
Trocars



KLIMA-ROSEGGER

SR428R

Sternal-Punktionskanüle
Sternal puncture needle
1,8 x 35 mm



EJ126R

Universaltrokar mit 4 Aufsätzen
Universal trocar with 4 tips

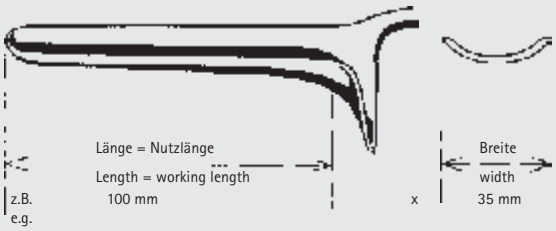
EL

Scheidenspekula
Vaginal Specula

Scheidenspekula – Vaginal Specula

Scheidenspekula
Vaginal Specula

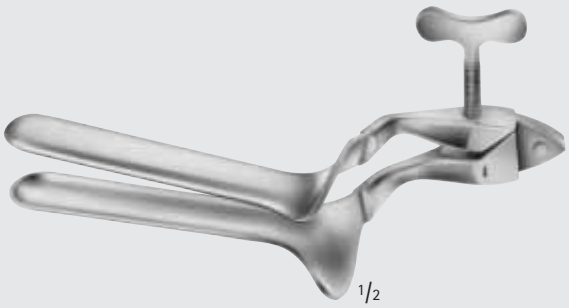
Scheidenspekula
Schema für Maßangaben bei Spekula
Vaginal specula
How to measure vaginal specula



COLLIN

EL010C

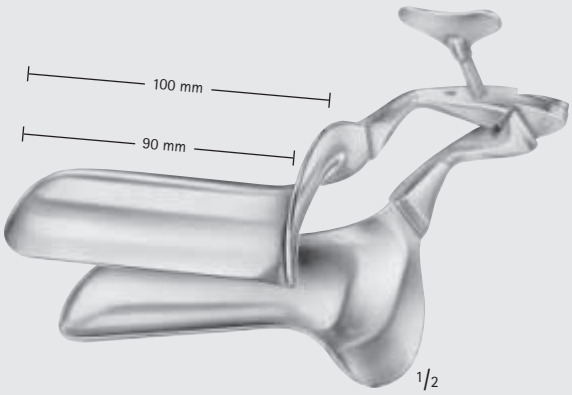
53 x 10 mm
für Kinder
for children



COLLIN

EL011R

95/85 x 18 mm
für Jungfrauen
for virgins



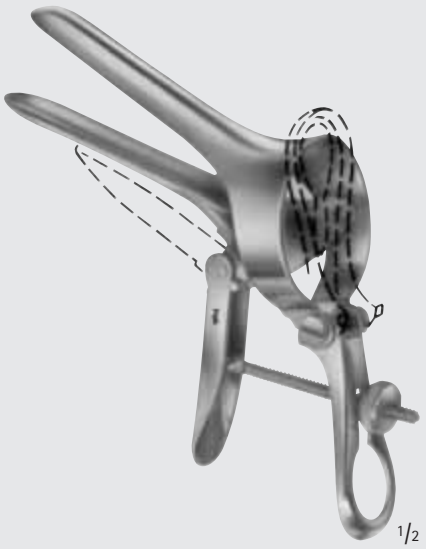
COLLIN

	Gesamtlänge/Nutzlänge Total length/working length	Breite Width
EL013R	100/90 mm	28 mm
EL014R	100/90 mm	32 mm
EL015R	105/95 mm	35 mm
EL016R	115/105 mm	40 mm

CUSCO

EL040R	

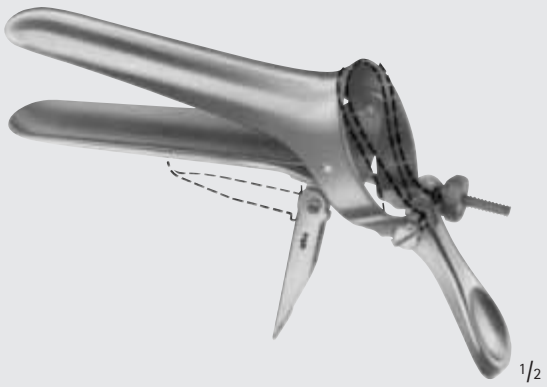
75 x 17 mm
für Jungfrauen
for virgins



CUSCO

EL075R	

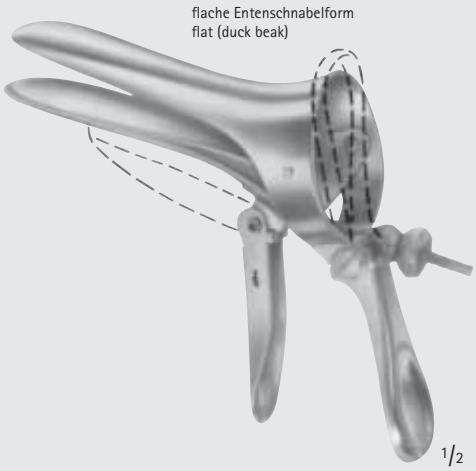
75 x 17 mm
für Jungfrauen
for virgins



CUSCO

EL056R	92 x 23 - 25 mm
EL057R	100 x 25 - 27 mm
EL058R	110 x 27 - 30 mm

Schweizer Modelle
speziell: lang und schmal
Swiss patterns
features: long and narrow



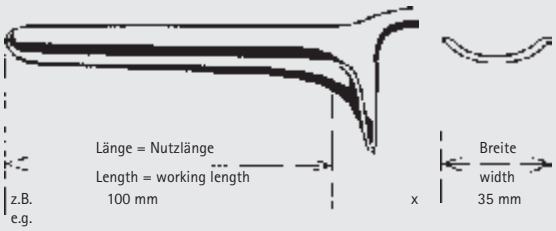
CUSCO

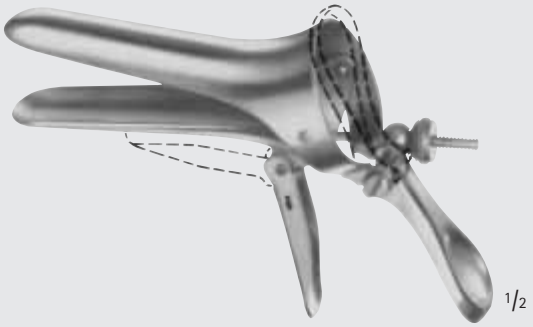
EL086R	80 x 32 mm
EL087R	90 x 37 mm
EL088R	115 x 37 mm

Scheidenspekula – Vaginal Specula

Scheidenspekula
Vaginal Specula

Scheidenspekula
Schema für Maßangaben bei Spekula
Vaginal specula
How to measure vaginal specula





CUSCO STANDARD

EL041R	80 x 24 mm
EL042R	80 x 32 mm
EL043R	90 x 36 mm
EL044R	110 x 37 mm

Standard-Modelle
Standard patterns

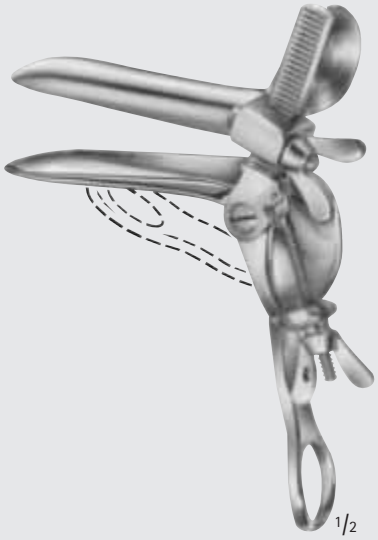
CUSCO

EL076R	80 x 24 mm
EL077R	80 x 32 mm
EL078R	90 x 36 mm
EL079R	110 x 37 mm

CUSCO

EL080R	107 x 29 mm
EL081R	115 x 35 mm

mit Absaugrohr
with suction tube



TRELAT

EL150R	85 x 33 mm
EL151R	95 x 35 mm
EL152R	115 x 43 mm

INCHES

SEYFFERT

EL180R	100 x 17 mm
EL181R	110 x 33 mm

230 mm, 9"

1/2

Eine Seite offen zum Liegenlassen von Instrumenten und Kathetern
One side open for taking up instruments and catheters

SEYFFERT

EL182R

110 x 33 mm
230 mm, 9"

1/2

Mit Doppelsperre, Fixieren und Lösen der Sperre durch Daumendruck
With double ratchet, closing and opening of ratchet by pressure of thumb

SEMM

EL183R

90 x 14 - 18 mm
für Kinder und Jungfrauen
for children and virgins
180 mm, 7"

1/2

Mit Doppelsperre, Fixieren und Lösen der Sperre durch Daumendruck
With double ratchet, closing and opening of ratchet by pressure of thumb

SEMM

EL184R	100 x 20 - 24 mm
EL185R	100 x 30 - 34 mm

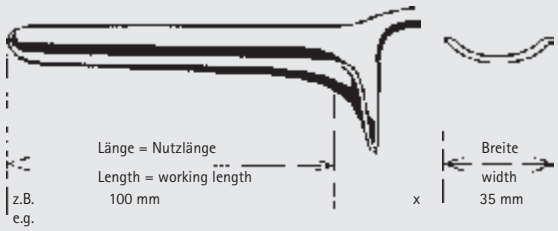
185 mm, 7 1/4"

1/2

Scheidenspekula – Vaginal Specula

Scheidenspekula
Vaginal Specula

Scheidenspekula
Schema für Maßangaben bei Spekula
Vaginal specula
How to measure vaginal specula



GRAVE

EL194R	75 x 20 mm
EL195R	95 x 30 mm
EL196R	105 x 33 mm

1/2

PEDERSON

EL192R	100 x 22 mm
EL193R	120 x 25 mm

1/2

SIMS

	Nutzlänge x Breite Working length x Width	Gesamtlänge Total length
EL407R	70 x 26 / 75 x 30 mm	125 mm, 5"
EL408R	75 x 30 / 80 x 35 mm	150 mm, 6"
EL409R	80 x 36 / 90 x 40 mm	175 mm, 7"

1/2

INCHES

SEIDEL

EL410R	80 x 8 mm
EL411R	80 x 10 mm
EL413R	90 x 14 mm

für Kinder und Kleinkinder
for children and infants
170 mm, 6 3/4"

KRISTELLER

EL420R

70 x 15 mm
für Kinder
for children
170 mm, 6 3/4"

KRISTELLER

EL421R	70 x 27 mm
EL422R	75 x 30 mm
EL423R	90 x 36 mm

175 mm, 7"

KRISTELLER

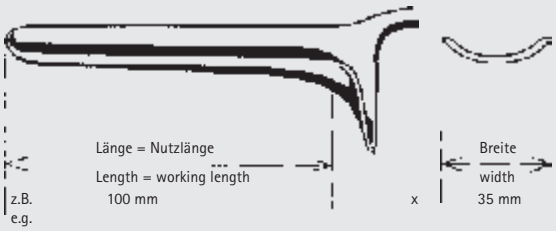
EL424R	110 x 18 mm
EL426R	110 x 20 mm
EL425R	110 x 27 mm
EL427R	110 x 30 mm
EL428R	110 x 36 mm

220 mm, 8 3/4"

Scheidenspekula – Vaginal Specula

Scheidenspekula - untere Blätter
Vaginal Specula - Lower Blades

Scheidenspekula
Schema für Maßangaben bei Spekula
Vaginal specula
How to measure vaginal specula



EL440R
70 x 15 mm
175 mm
7"

EL441R
70 x 27 mm
180 mm
7"

EL442R
75 x 30 mm
180 mm
7"

1/1

EL443R
90 x 36 mm
185 mm
7 1/4"

KRISTELLER

EL440R-EL443R
untere Blätter
lower blades

KRISTELLER

EL450R-EL453R

obere Blätter

upper blades

EL450R

75 x 10 mm

175 mm

7"

EL451R

75 x 23 mm

180 mm

7"

EL452R

80 x 25 mm

180 mm

7"

1/1

EL453R

100 x 32 mm

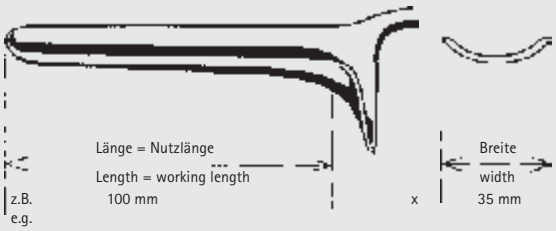
185 mm

7 1/4"

Scheidenspekula – Vaginal Specula

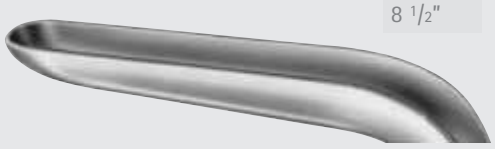
Scheidenspekula - untere Blätter
Vaginal Specula - Lower Blades

Scheidenspekula
Schema für Maßangaben bei Spekula
Vaginal specula
How to measure vaginal specula



EL444R
110 x 18 mm
215 mm
8 1/2"

EL445R
110 x 27 mm
215 mm
8 1/2"



EL446R
110 x 20 mm
220 mm
8 3/4"

EL447R
110 x 30 mm
220 mm
8 3/4"

1/1

EL448R
110 x 36 mm
225 mm
9"

KRISTELLER

EL444R-EL448R
untere Blätter
lower blades

KRISTELLER

EL454R-EL458R

obere Blätter

upper blades

EL454R

115 x 14 mm

215 mm

8 1/2"

EL455R

115 x 23 mm

215 mm

8 1/2"

EL456R

115 x 16 mm

220 mm

8 3/4"

EL457R

115 x 26 mm

220 mm

8 3/4"

1/1

EL458R

120 x 30 mm

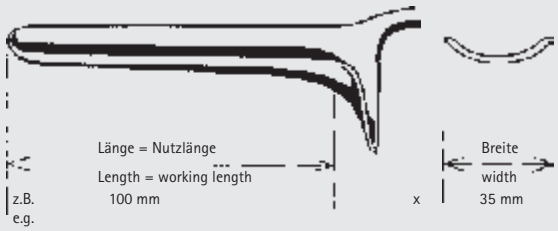
225 mm

9"

Scheidenspekula – Vaginal Specula

Scheidenspekula
Vaginal Specula

Scheidenspekula
Schema für Maßangaben bei Spekula
Vaginal specula
How to measure vaginal specula



KALLMORGEN

EL480R

75 x 39 mm
Satz
Set
170 mm, 6 3/4"

KALLMORGEN

EL481R

95 x 39 mm
Satz
Set
200 mm, 8"

EL494R
110 x 20 mm

EL495R
110 x 30 mm

EL496R
110 x 36 mm

KRISTELLER
EL494R–EL496R
untere Blätter
lower blades
215 mm, 8 1/2"

EL497R
115 x 18 mm

EL498R
115 x 26 mm

EL499R
115 x 32 mm

KRISTELLER
EL497R–EL499R
obere Blätter
upper blades
220 mm, 8 3/4"

KRISTELLER

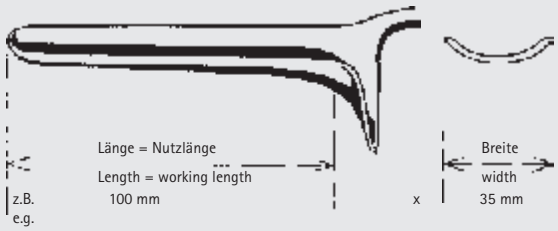
EL491R	110 x 20 mm
EL492R	110 x 30 mm
EL493R	110 x 36 mm

Wiener Modelle
Sätze
Vienna patterns
Sets

Scheidenspekula – Vaginal Specula

Scheidenspekula für Kinder und Jungfrauen
Vaginal Specula for Children and Virgins

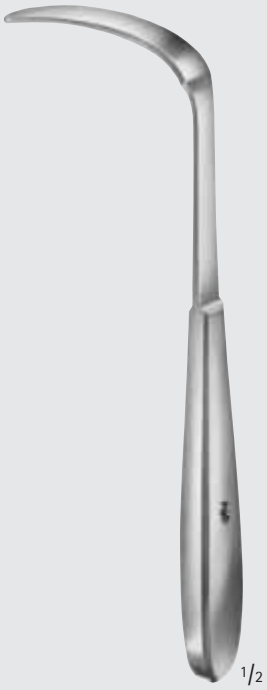
Scheidenspekula
Schema für Maßangaben bei Spekula
Vaginal specula
How to measure vaginal specula



BRAUN

EL550R

56 x 13 mm
180 mm, 7"



BRAUN

EL551R

60 x 10 mm
180 mm, 7"

INCHES

MATHIEU

EL558R

95 x 17 - 30 mm
210 mm, 8 1/4"

MATHIEU

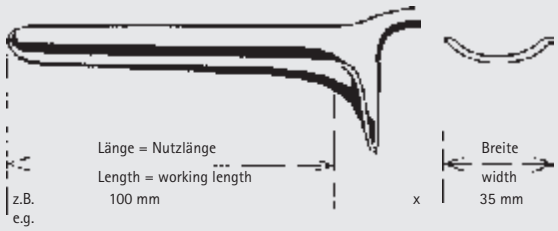
EL559R

95 x 17 - 26 mm
passend zu EL558R
fitting EL558R
210 mm, 8 1/4"

Scheidenspekula – Vaginal Specula

Scheidenspekula
Vaginal Specula

Scheidenspekula
Schema für Maßangaben bei Spekula
Vaginal specula
How to measure vaginal specula



EL578R
89 x 38 mm

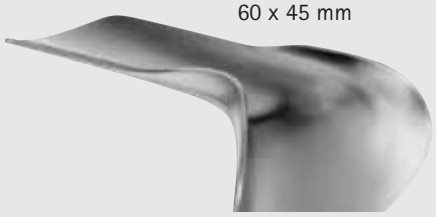
EL579R
102 x 38 mm

JACKSON

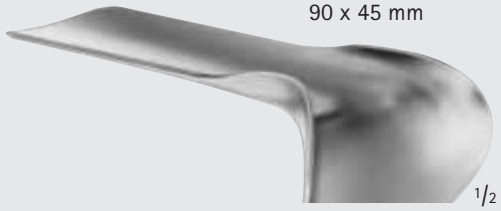
EL578R-EL579R

175 mm, 7"

EL627R
60 x 45 mm



EL628R
90 x 45 mm



EL629R
112 x 45 mm

DOYEN

EL627R-EL629R

235 mm, 9 1/4"

DOYEN

EL631R–EL644R

240 mm, 9 1/2"

	Länge Length	Breite Width
EL631R	60 mm	35 mm
EL632R	90 mm	35 mm
EL633R	120 mm	35 mm
EL634R	60 mm	45 mm
EL635R	90 mm	45 mm
EL636R	120 mm	45 mm
EL637R	60 mm	60 mm
EL638R	90 mm	60 mm
EL639R	120 mm	60 mm
EL642R	160 mm	45 mm
EL644R	160 mm	60 mm

LANDON

EL660R

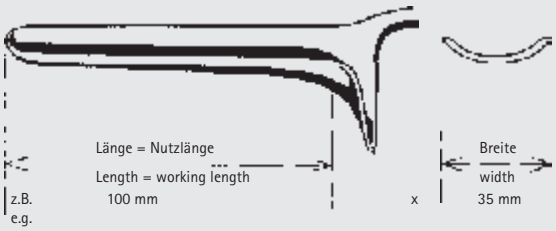
89 x 25 mm

195 mm, 7 3/4"

Scheidenspekula – Vaginal Specula

Scheidenspekula
Vaginal Specula

Scheidenspekula
Schema für Maßangaben bei Spekula
Vaginal specula
How to measure vaginal specula



EASTMAN

EL581R

89 x 38 mm
175 mm, 7"

HEANEY

EL865R

83 x 29 mm
170 mm, 6 3/4"

LANDAU

EL690R	100 x 28 mm
EL691R	110 x 38 mm

290 mm, 11 1/2"

BREISKY

EL703R	100 x 20 mm
EL704R	100 x 25 mm
EL705R	100 x 30 mm
EL707R	100 x 35 mm
EL708R	100 x 40 mm

Wiener Modelle
Vienna patterns
300 mm, 12"

BREISKY

EL693R	130 x 20 mm
EL694R	130 x 25 mm
EL695R	130 x 30 mm
EL697R	130 x 35 mm
EL698R	130 x 40 mm

Wiener Modelle
Vienna patterns
320 mm, 12 3/4"

BREISKY

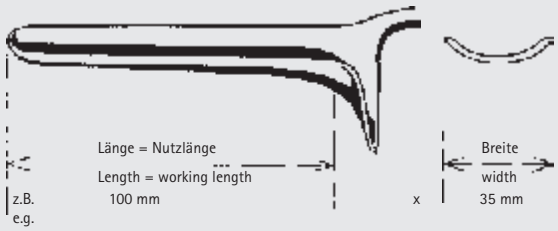
EL700R	160 x 40 mm
EL702R	180 x 40 mm

Wiener Modelle
Vienna patterns
350 mm, 14"

Scheidenspekula – Vaginal Specula

Scheidenhalter und Wundhaken
Vaginal- and Wound Retractors

Scheidenspekula
Schema für Maßangaben bei Spekula
Vaginal specula
How to measure vaginal specula



1/2

WEISSBARTH

EL720C	80 x 28 mm
EL721C	85 x 42 mm

210 mm, 8 1/4 "

EL722C

abnehmbares Auffangsieb allein
removable strainer only

1/2

DOYEN

EL859R

60 x 30 mm
seitliches Spekulum
lateral speculum
230 mm, 9"

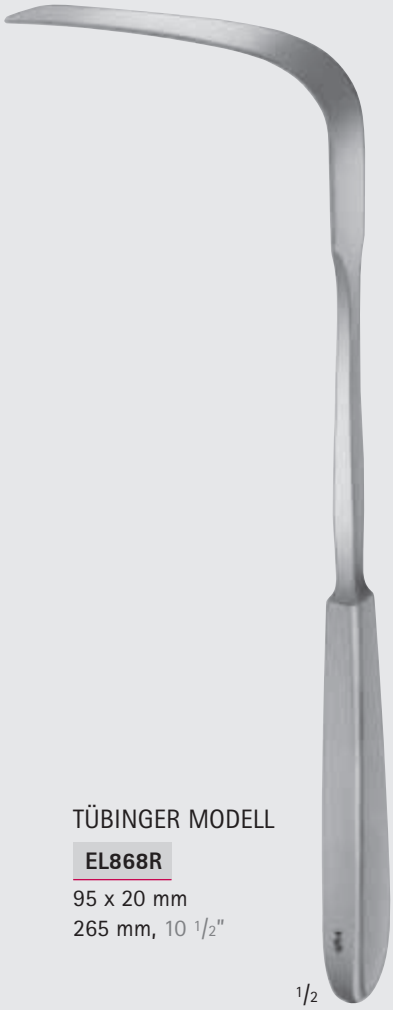
1/2

DOYEN

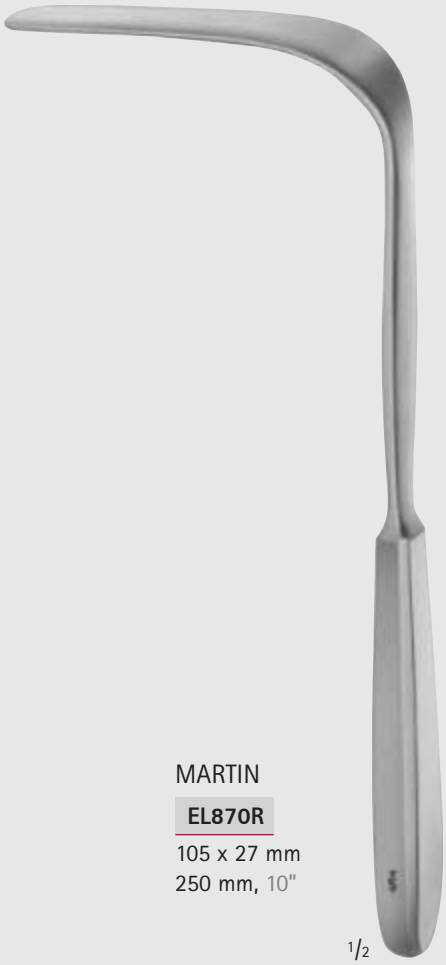
EL860R

80 x 30 mm
seitliches Spekulum
lateral speculum
250 mm, 10"

SIMON
EL873R
115 x 26 mm
275 mm, 10 3/4" 1/2



TÜBINGER MODELL
EL868R
95 x 20 mm
265 mm, 10 1/2" 1/2



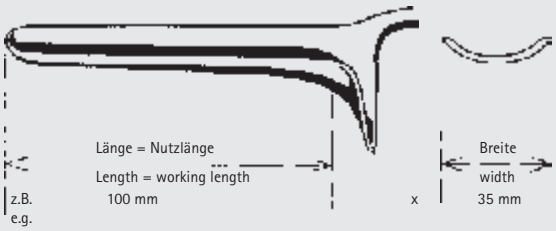
MARTIN
EL870R
105 x 27 mm
250 mm, 10" 1/2

SIMON
EL872R
115 x 22 mm
275 mm, 10 3/4" 1/2

Scheidenspekula – Vaginal Specula

Scheidenspekula
Vaginal Specula

Scheidenspekula
Schema für Maßangaben bei Spekula
Vaginal specula
How to measure vaginal specula



AUVARD

EL736R

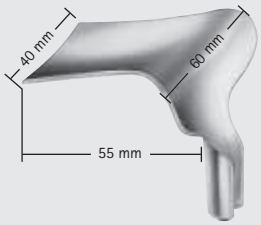
65 x 38 - 28 mm
1,530 kg = 3 lbs. 6 oz.
mit abnehmbaren Gewicht
1.530 kg = 3 lbs. 6 oz.
with detachable weight
230 mm, 9"

AUVARD

EL738R	75 x 42 - 40 mm
EL739R	105 x 43 - 40 mm

1,470 kg = 3 lbs. 4 oz.
mit abnehmbarem Gewicht
1.470 kg = 3 lbs. 4 oz.
with detachable weight
230 mm, 9"

EL741R
80 x 30 mm



EL744R
55 x 40 - 60 mm

EL745R
70 x 45 - 70 mm

EL748R

EL742R
85 x 35 mm

EL743R
85 x 40 mm

EL746R

EL747R

1/3

SCHERBACK

EL740R

Satz, bestehend aus:
Griff (EL746R)
Gewicht (EL747R)
4 Blätter (EL741R - EL744R)

Set, consisting of:
Handle (EL746R)
Weight (EL747R)
4 Blades (EL741R - EL744R)

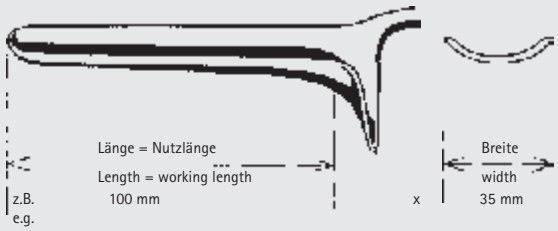
Die Blätter sind austauschbar.
Sie passen sowohl auf den Griff EL746R,
als auch auf die Griffe EL759R und EL760R,
siehe Seite 658

The blades can be exchanged.
They fit handle EL746R as well as
handles EL759R and EL760R,
see page 658

Scheidenspekula – Vaginal Specula

Scheidenspekula
Vaginal Specula

Scheidenspekula
Schema für Maßangaben bei Spekula
Vaginal specula
How to measure vaginal specula



EL755R
80 x 30 mm

EL751R
65 x 30 mm

EL756R
85 x 33 mm

EL752R
75 x 35 mm

EL757R
100 x 38 mm

EL753R
85 x 35 mm

EL758R
110 x 42 mm

EL754R
95 x 35 mm

EL759R
230 mm, 9"

EL760R
220 mm, 8 3/4"

Die Blätter sind austauschbar.
Sie passen sowohl auf den Griff EL746R,
als auch auf die Griffe EL759R und EL760R
The blades can be exchanged.
They fit handle EL746R as well as
handles EL759R and EL760R

JOLL (FRIEDMANN)

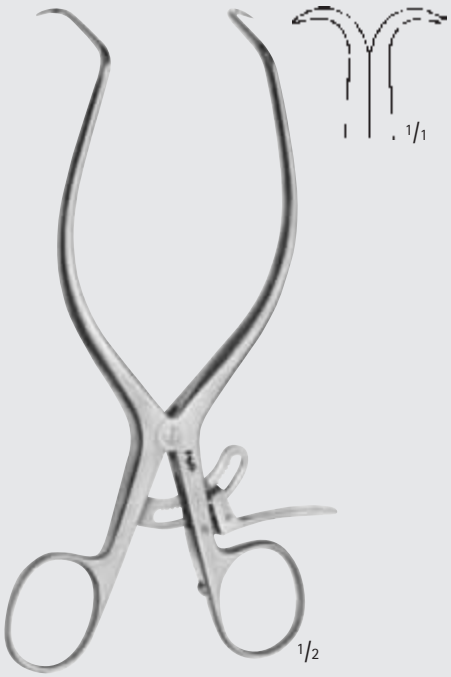
BV087R

155 mm, 6″

GELPI

BV996R

135 mm, 5 1/4″



GELPI

BV997R

175 mm, 7″

INCHES
1
2
3
4
5
6
7
8

EM

Uterus-Dilatatoren
Uterine Dilators

Uterus-Dilatatoren – Uterine Dilators

Uterus-Dilatatoren
Uterine Dilators

1/2

EM101R	1 mm	**EM114R**	14 mm	**EM131R**	1 1/2 mm	**EM144R**	14 1/2 mm
EM102R	2 mm	**EM115R**	15 mm	**EM132R**	2 1/2 mm	**EM145R**	15 1/2 mm
EM103R	3 mm	**EM116R**	16 mm	**EM133R**	3 1/2 mm	**EM146R**	16 1/2 mm
EM104R	4 mm	**EM117R**	17 mm	**EM134R**	4 1/2 mm	**EM147R**	17 1/2 mm
EM105R	5 mm	**EM118R**	18 mm	**EM135R**	5 1/2 mm		
EM106R	6 mm	**EM119R**	19 mm	**EM136R**	6 1/2 mm		
EM107R	7 mm	**EM120R**	20 mm	**EM137R**	7 1/2 mm		
EM108R	8 mm	**EM121R**	21 mm	**EM138R**	8 1/2 mm		
EM109R	9 mm	**EM122R**	22 mm	**EM139R**	9 1/2 mm		
EM110R	10 mm	**EM123R**	23 mm	**EM140R**	10 1/2 mm		
EM111R	11 mm	**EM124R**	24 mm	**EM141R**	11 1/2 mm		
EM112R	12 mm	**EM125R**	25 mm	**EM142R**	12 1/2 mm		
EM113R	13 mm	**EM126R**	26 mm	**EM143R**	13 1/2 mm		

HEGAR

EM101R–EM147R

mit stark konischer Spitze

with very conical point

185 mm, 7 1/4"

1/2

EM231R	1 + 2 mm
EM232R	3 + 4 mm
EM233R	5 + 6 mm
EM234R	7 + 8 mm
EM235R	9 + 10 mm
EM236R	11 + 12 mm
EM237R	13 + 14 mm
EM238R	15 + 16 mm
EM239R	17 + 18 mm

HEGAR

EM231R–EM239R

195 mm, 7 3/4"

HEGAR

EM244R

Uterus-Dilatatoren,
in Segeltuchtasche (EM245),
mit 8 Dilatoren (EM232R-EM239R)

Uterine dilator set,
in canvas roll (EM245),
with 8 dilators (EM232R-EM239R)

1/2

EM271R	13 - 15 Char.
EM272R	17 - 19 Char.
EM273R	21 - 23 Char.
EM274R	25 - 27 Char.
EM275R	29 - 31 Char.
EM276R	33 - 35 Char.
EM277R	37 - 39 Char.
EM278R	41 - 43 Char.

PRATT

EM271R-EM278R

290 mm, 11 1/2"

Uterus-Dilatatoren – Uterine Dilators

Uterus-Dilatatoren - komplette Sätze
Uterine Dilators - Complete Sets

HEGAR

EM193R

Dilatatoren-Satz,
bestehend aus:

EM104R-EM117R	14	Dilatatoren
EM097R	1	Lagerungssieb für Dilatatoren 4-12 mm
EM098R	1	dto. für Dilatatoren 13-17 mm
JG161R	1	Metalletui allein, mit Scharnierdeckel, 200 x 100 x 35 mm, nichtrostend

Dilator set,
consisting of:

EM104R-EM117R	14	Dilators
EM097R	1	Rack for dilators 4-12 mm
EM098R	1	Rack for dilators 13-17 mm
JG161R	1	Metal case only, with hinged lid, 200 x 100 x 35 mm, stainless,

HEGAR

EM194R

Dilatatoren-Satz,
bestehend aus:

EM101R-EM126R	26	Dilatatoren
EM099R	1	Lagerungssieb für Dilatatoren 1-17 mm
EM100R	1	dto. für Dilatatoren 18-26 mm
JG170R	1	Metalletui allein, mit Alu-Scharnierdeckel, 330 x 220 x 80 mm

Dilator set,
consisting of:

EM101R-EM126R	26	Dilators
EM099R	1	Rack for dilators 1-17 mm
EM100R	1	Rack for dilators 18-26 mm
JG170R	1	Metal case only, with hinged lid of aluminium, 330 x 220 x 80 mm

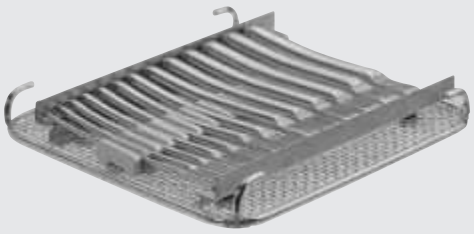
EM

Weitere Informationen finden Sie in unserem Prospekt C404.
For further details see brochure No. C404.

Gleitschieber-Halterung
▮ zur übersichtlichen und zweckmäßigen Lagerung von Dilatatoren, Bougies, Kathetern und dergleichen.
⌘Schiene und Anschlagrahmen **können beliebig** in den Siebkörben oder auf den Siebböden angeordnet werden. Die Gleitschieber sind auf der Schiene verschiebbar und werden durch einen Federmechanismus arretiert. Auf Wunsch können die Gleitschieber mit Kennzeichnungen versehen werden.

Sliding rail
▮ with adjustable dividers for clear and suitable storage of dilators, bougies, catheters and suchlike.
⌘Sliding rail as well as limiting bar can be **optionally** arranged in the wire baskets or on the wire bases. On the rail the dividers are slidable and are fixed by a spring mechanism. On demand, the dividers can be marked with identifications.

Pack- und Lagerungsbeispiele
Examples for arranging and storing



JF910R-JF908R

Uterus-Dilatatoren (ca.12-16 Stück)
JF910R 1 Siebboden oder
JF489R 1 Siebkorb
JF906R 1 Schiene
JF905 15 Gleischieber
JF908R 2 Anschlagrahmen
Uterine dilators (approx. 12-16 pieces)
JF910R 1 wire base or
JF489R 1 wire basket
JF906R 1 sliding rail
JF905 15 dividers
JF908R 2 limiting bars

JF212R-JF909R

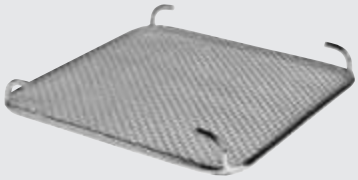
Uterus-Dilatatoren (ca. 26-30 Stück)
JF212R 1 Siebkorb oder
JF915R 1 Siebboden
JF907R 1 Schiene
JF905 31 Gleischieber
JF909R 2 Anschlagrahmen
Uterine dilators (approx. 26-30 pieces)
JF212R 1 wire basket or
JF915R 1 wire base
JF907R 1 slinding rail
JF905 31 dividers
JF909R 2 limiting bars

MILLIMETERS

Uterus-Dilatatoren – Uterine Dilators

Steritgutlagertechnik für Dilatatoren

Suggestions for Sterile Storage of Dilators

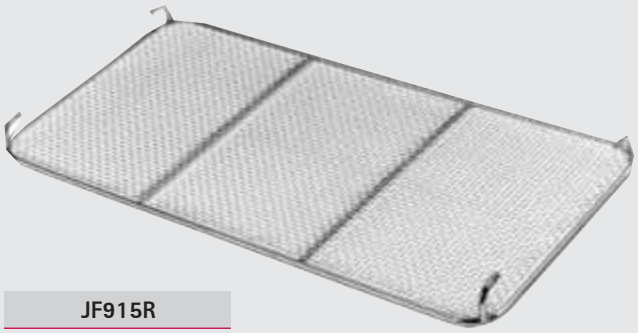


JF910R

Siebboden
mit Griffen zum herausheben
Wire base
with handle hooks to lift out
258 x 258 x 32 mm

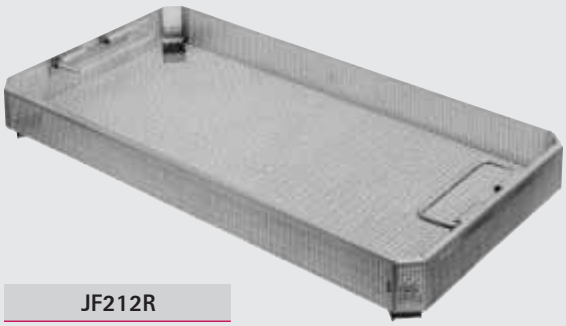
JF112R

Siebkorb
Griffbeweglichkeit 90°,
senkrecht - waagrecht
Wire basket
handles can be moved up to 90° angle,
vertical - horizontal
257 x 245 x 50 mm



JF915R

Siebboden
mit Griffen zum herausheben
Wire base
with handle hooks to lift out
544 x 257 x 32 mm

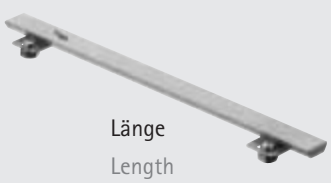


JF212R

Siebkorb
Griffbeweglichkeit 90°,
senkrecht - waagrecht
Wire basket
handles can be moved up to 90° angle,
vertical - horizontal
485 x 257 x 50 mm

JF905

Gleitschieber
auf den Schienen JF906R und
JF907R individuell verschiebbar
Divider
to be used on sliding rails
JF906R and JF907R



Länge
Length

JF906R	232 mm
JF907R	471 mm

Schiene DBGM
für Gleitschieber JF905,
mit Befestigungsschrauben
Sliding rails DBGM
with securing screws,
for divider JF905

Länge
Length

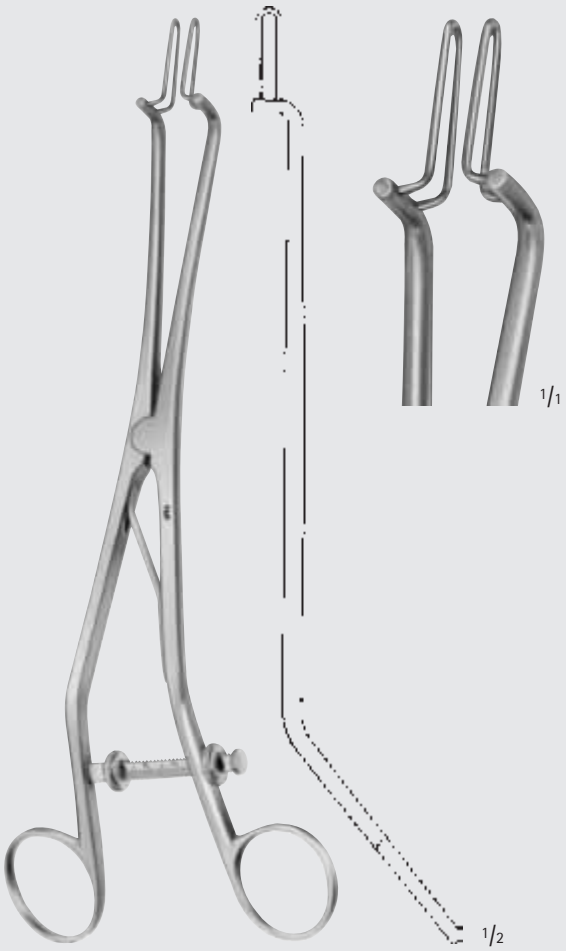
JF908R	232 mm
JF909R	471 mm

Anschlagrahmen DBGM
speziell zur Lagerung von Dilatatoren,
mit Befestigungsschrauben
Limiting bars DBGM
with securing screws,
particularly useful for storing dilators

KOGAN

EM710R

ohne Sperre
without ratchet
240 mm, 9 1/2"



KOGAN

EM711R

mit Skalensperre und Fixierschraube
with scale-ratchet and fixing screw
240 mm, 9 1/2"

INCHES
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8

EO

Uterussonden, Tampon-, Haken-, Uterusfasszangen

Uterine Probes, Uterine Dressing-, Tenaculum and Uterine Elevating Forceps

Uterussonden – Uterine Probes

Uterussonden
Uterine Probes

Knopf-Ø 5 mm
Diam. of tip

1/2

MAYO

EO005R

biegsam
malleable
330 mm, 13 1/8"

Knopf-Ø 4 mm
Diam. of tip

1/2

SIMS

EO010R

330 mm, 13"

EO012R

biegsam
malleable
330 mm, 13"

Knopf-Ø 3,6 mm
Diam. of tip

1/2

GALABINS

EO013R

Schaft graduiert in cm, biegsam
Shaft graduated in cm, malleable
295 mm, 11 3/4"

Knopf-Ø 3 mm
Diam. of tip

1/2

MARTIN

EO015R

300 mm, 12"

Knopf-Ø 4 mm
Diam. of tip

1/2

VALLEIX

EO016R

graduiert,
mit Schieber
graduated,
with slider
250 mm, 10"

Knopf-Ø 4 mm
Diam. of tip

1/2

SIMPSON

EO020

biegsam,
versilbert
malleable,
silver-plated
310 mm, 12 1/4"

1/2

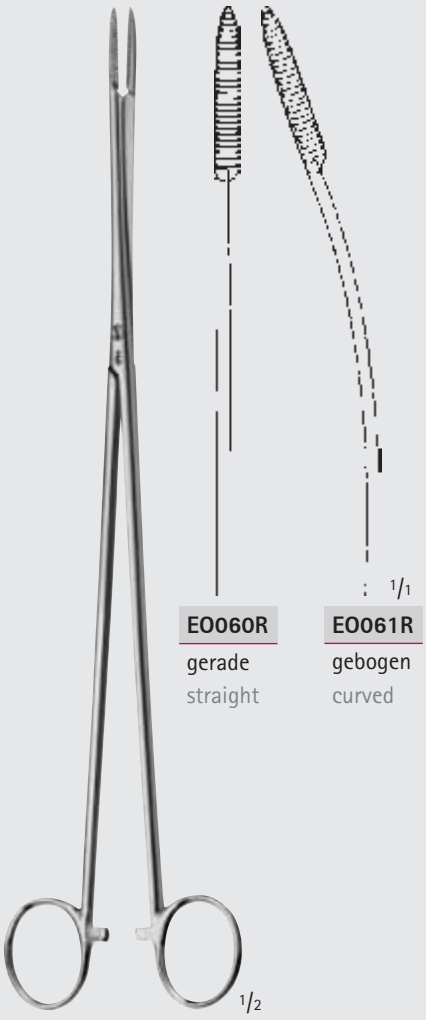
BRAUN

EO030R

Uterus-Depressor
Uterine depressor
270 mm, 10 3/4"

Uterussonden – Uterine Probes

Tamponzangen
Uterine Dressing Forceps



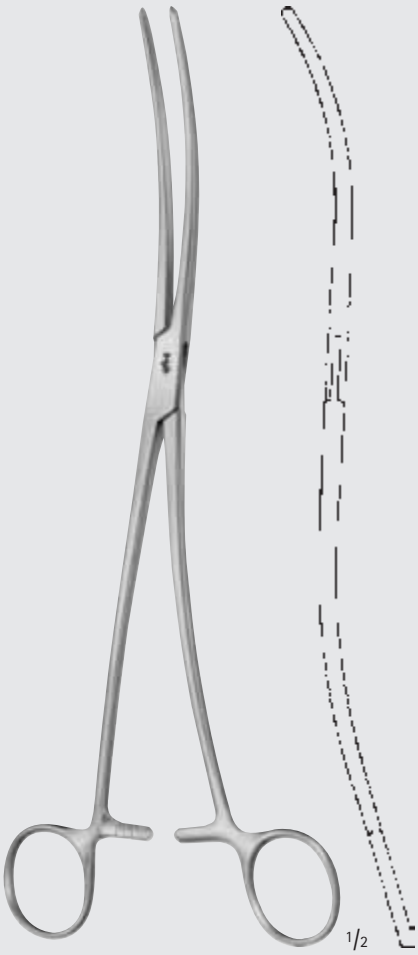
EO060R
gerade
straight

EO061R
gebogen
curved

PELKMANN

EO060R-EO061R

260 mm, 10 1/4"



BOZEMANN

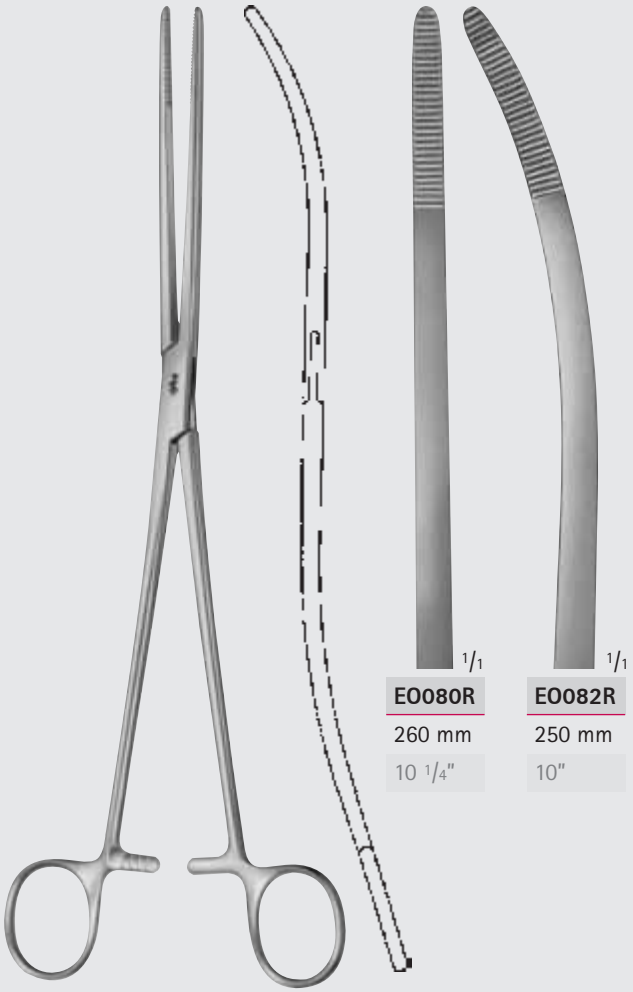
EO075R

250 mm, 10"

BOZEMANN

EO077R

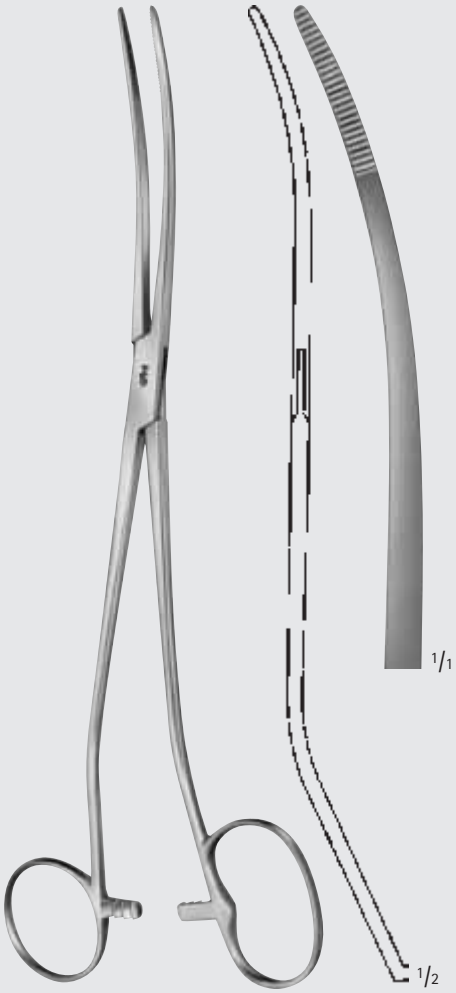
Maul mit Längskehle
Jaws with longitudinal groove
255 mm, 10"



EO080R	EO082R
260 mm	250 mm
10 1/4"	10"

BOZEMANN

EO080R–EO082R



BOZEMANN-DOUGLAS

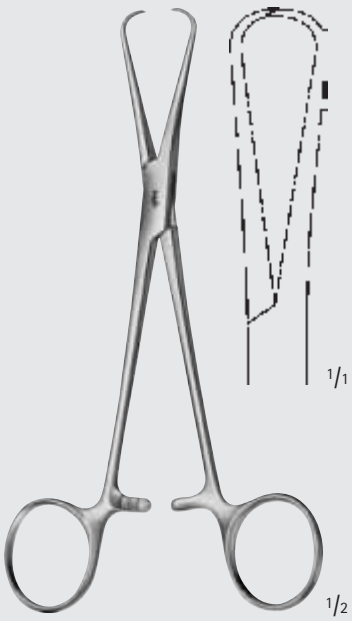
EO085R

260 mm, 10 1/4"

Uterussonden – Uterine Probes

Hakenzangen

Uterine Tenaculum Forceps



BERNHARD

BF426R

160 mm, 6 1/4"

POZZI

EO105R

175 mm, 7"

ADAIR

EO106R

190 mm, 7 1/2"

BRAUN

EO108R

feines Modell
slender pattern
250 mm, 10"

COLLIN-POZZI

EO122R

250 mm, 10"

SCHRÖDER

EO110R

Standard Modell
Standard pattern
250 mm, 10"

Uterussonden – Uterine Probes

Hakenzangen

Uterine Tenaculum Forceps

SCHRÖDER

EO111R

250 mm, 10"

WILSON

EO112R

240 mm, 9 1/2"

POZZI

EO125R

kräftiges Modell

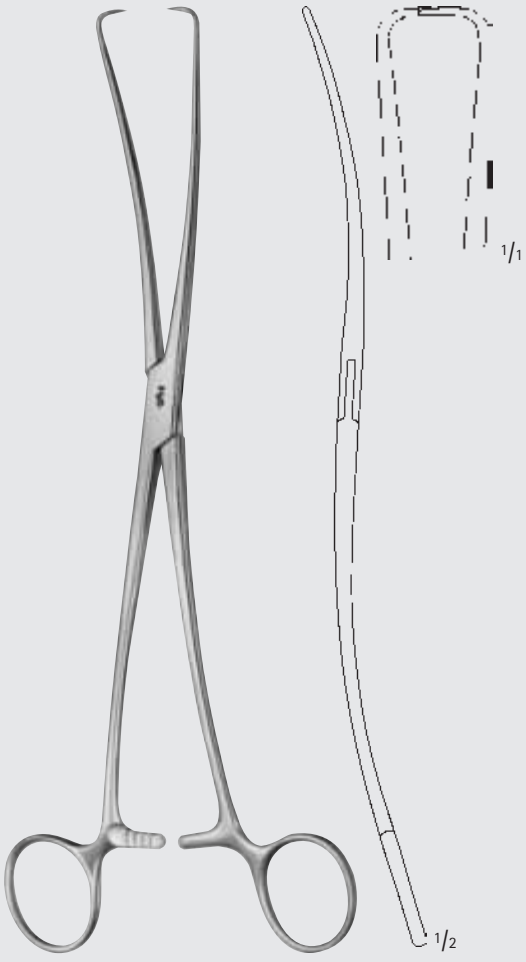
heavy pattern

255 mm, 10"

MARTIN

EO115R

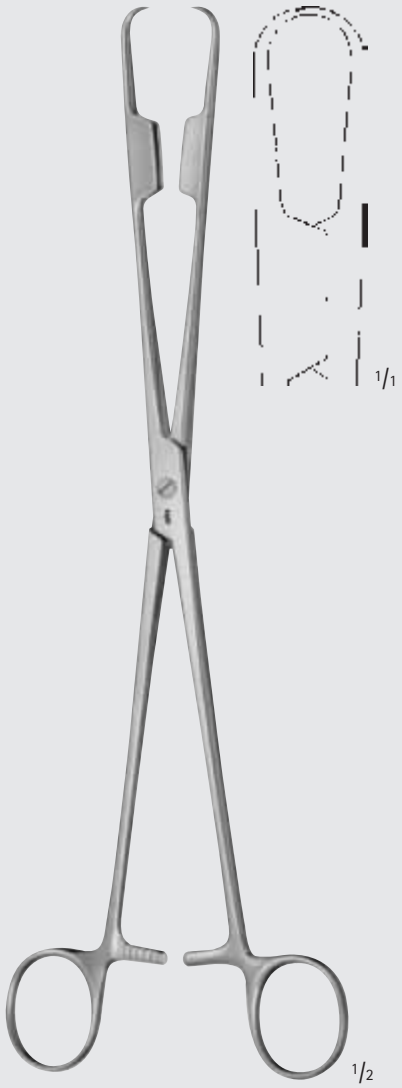
265 mm, 10 1/2"



DUPLAY

EO130R

250 mm, 10"



ABEL

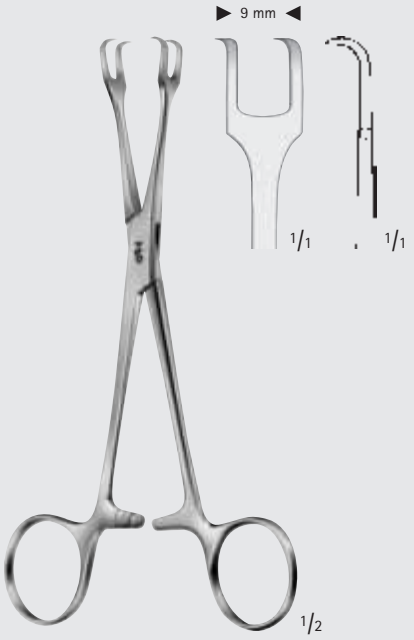
EO140R

280 mm, 11"

Uterussonden – Uterine Probes

Hakenzangen

Uterine Tenaculum Forceps



LAHEY

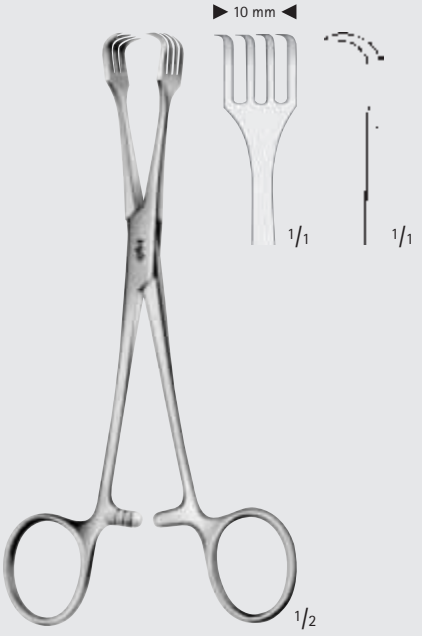
BF309R

155 mm, 6"

LAHEY

BF310R

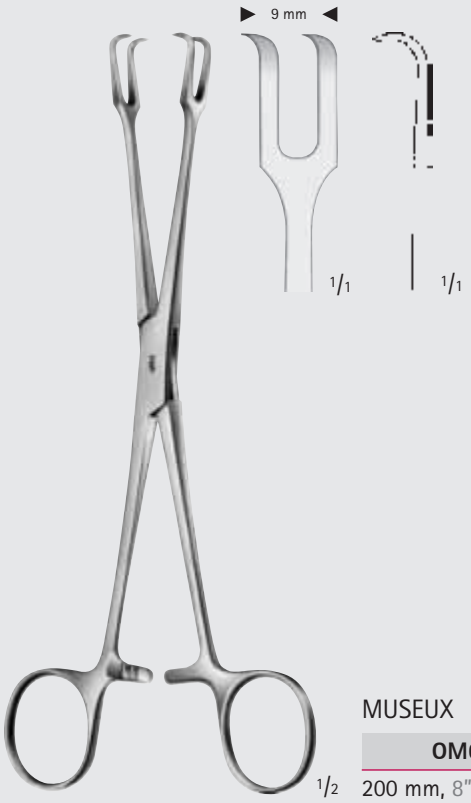
155 mm, 6"



BRAUN

BF311R

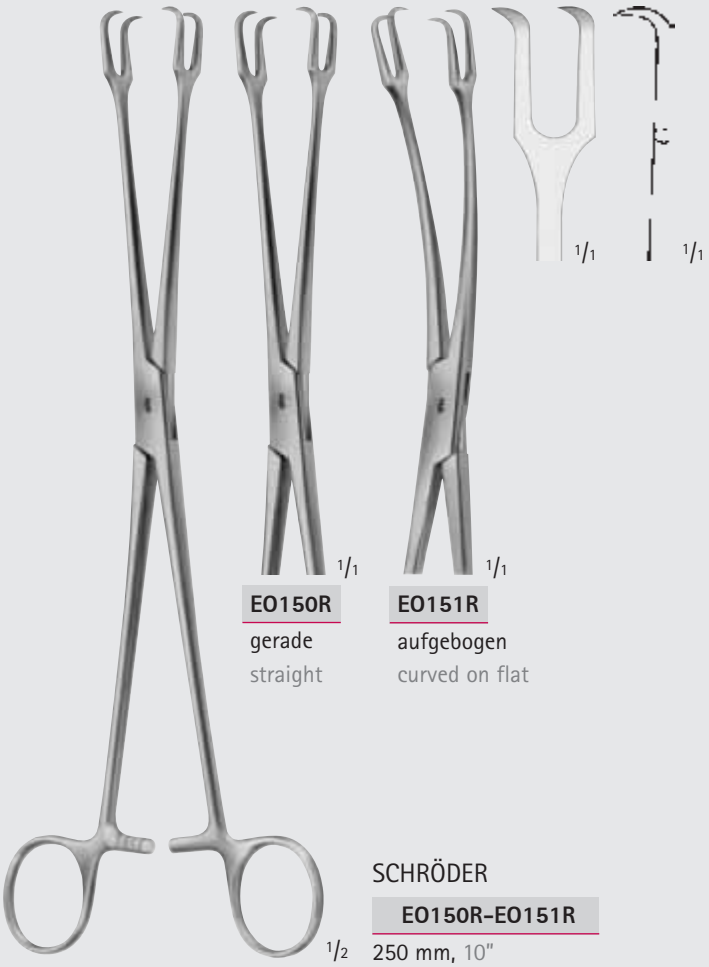
155 mm, 6"



MUSEUX

OM602R

200 mm, 8"



EO150R

gerade

straight

EO151R

aufgebogen

curved on flat

SCHRÖDER

EO150R-EO151R

250 mm, 10"

CZERNY

EO164R

200 mm, 8"

SCHRÖDER

EO163R

270 mm, 10 3/4"

Uterussonden – Uterine Probes

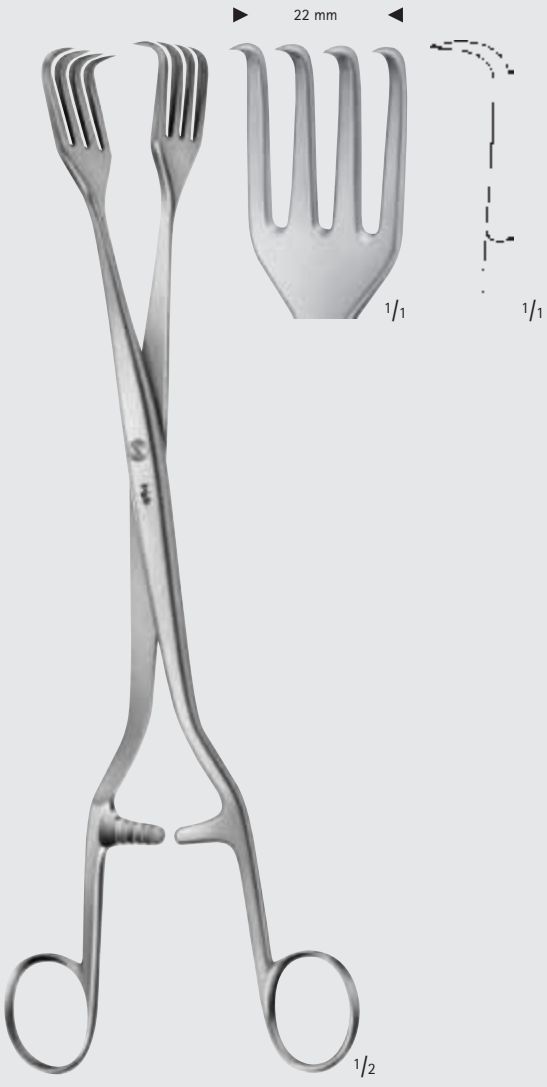
Hakenzangen

Uterine Tenaculum Forceps

AESCULAP-PRATT

EO165R

260 mm, 10 1/4"



PRATT

EO166R

270 mm, 10 3/4"

KÜSTNER

EO171R

250 mm, 10″

TEALE

EO177R

180 mm, 7″

Uterussonden – Uterine Probes

Hakenzangen

Uterine Tenaculum Forceps

TEALE

EO180R

255 mm, 9"

JACOBS

EO202R

215 mm, 8 1/2"

LITTLEWOOD

EO216R

185 mm, 7 1/4"

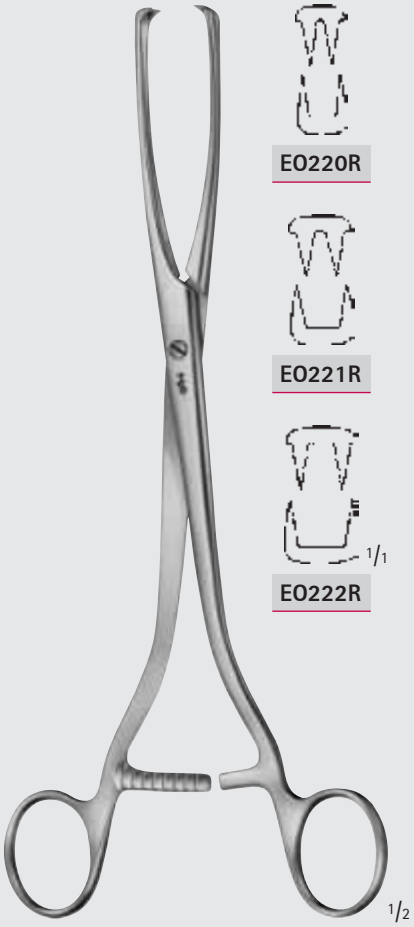
MUSEUX

EO218R

200 mm, 8"

Uterussonden – Uterine Probes

Hakenzangen
Uterine Tenaculum Forceps



EO220R

EO221R

EO222R

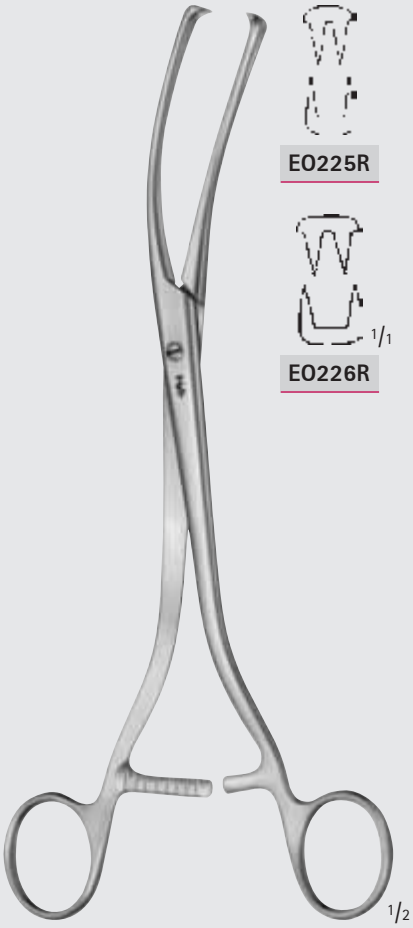
1/1

1/2

MUSEUX

EO220R–EO222R

240 mm, 9 1/2"



EO225R

EO226R

1/1

1/2

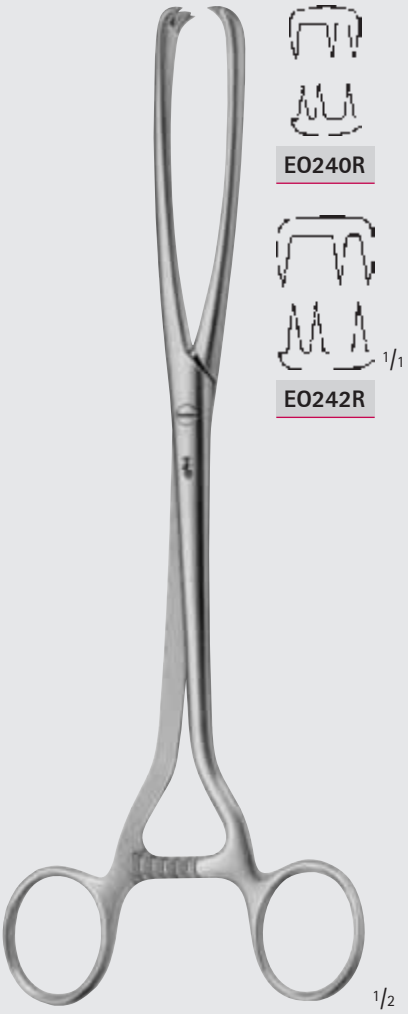
MUSEUX

EO225R–EO226R

seitwärts gebogen

curved to side

240 mm, 9 1/2"



EO240R

EO242R

1/1

1/2

MUSEUX

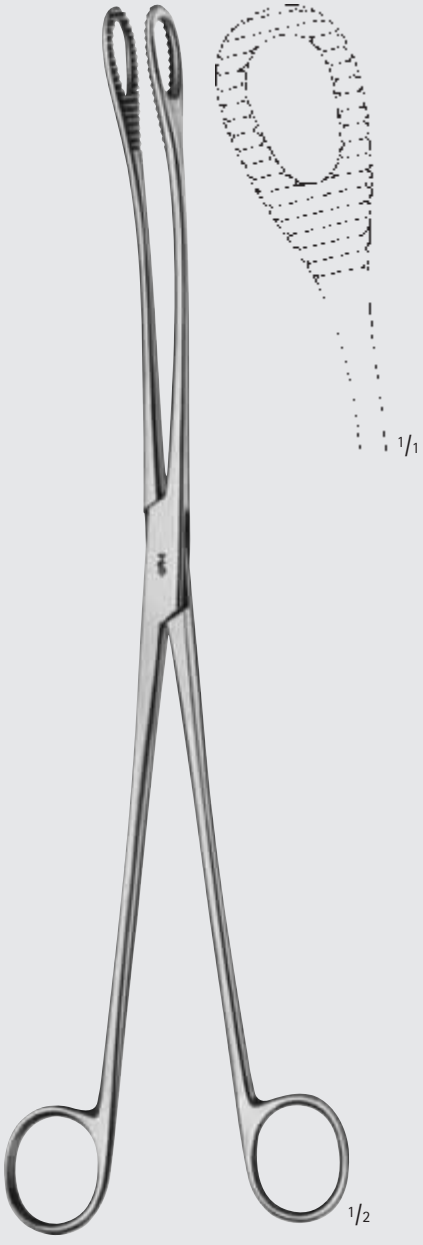
EO240R–EO242R

265 mm, 10 1/2"

HEYWOOD-SMITH

AN710R

200 mm, 8"



KELLY

BF135R

320 mm, 12 3/4"

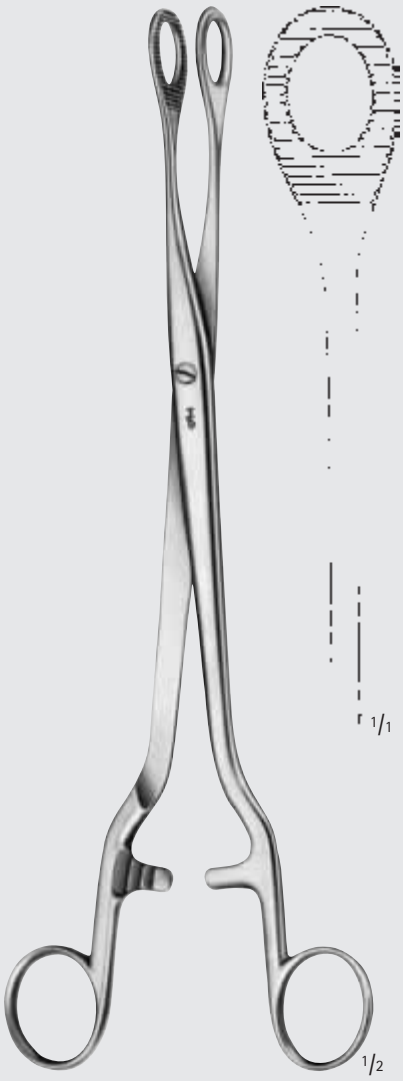
Uterussonden – Uterine Probes

Polypen- und Ovarienzangen
Polypus- and Ovum Forceps

HEYWOOD-SMITH

EO310R

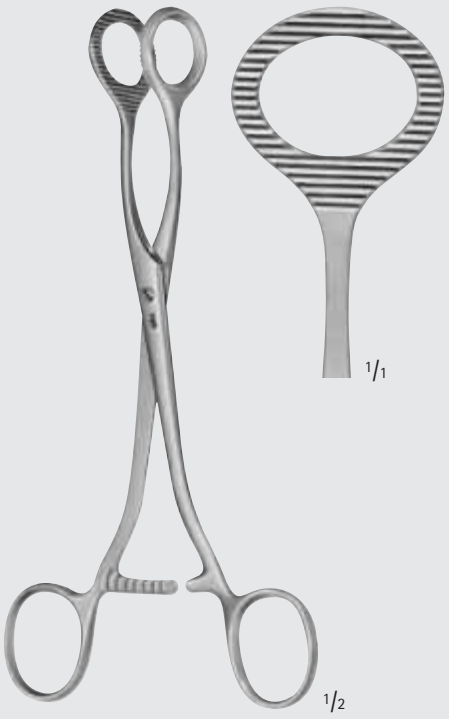
250 mm, 10″



NOTO

EO315R

280 mm, 11″



DOYEN

EO332R	
185 mm, 7 1/4"	

TRAUMATA®

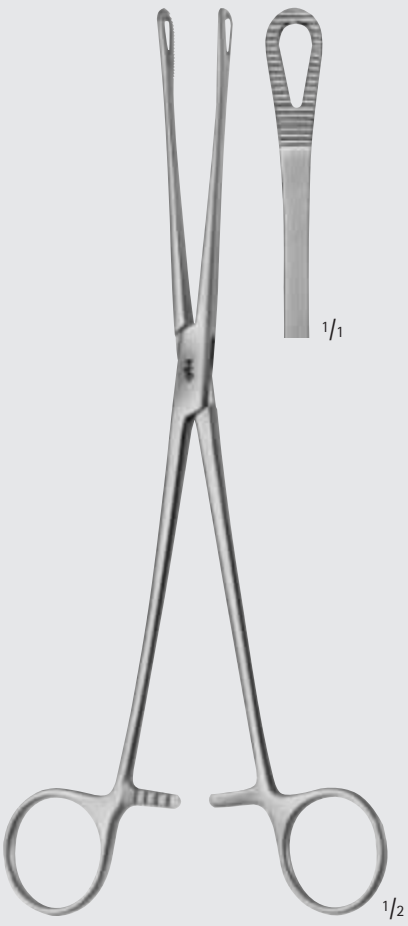
EO338R **EO340R**

EO338R	250 mm	10"
EO340R	270 mm	10 3/4"

Uterussonden – Uterine Probes

Polypen- und Ovarienzangen, Uterusfasszangen

Polypus- and Ovum Forceps, Uterine Elevating Forceps



BONNEY

EO342R

240 mm, 9 1/2"

COLLIN

EO300R

250 mm, 10"

COLLIN

EO405R

285 mm, 11 1/4"

DARTIGUES

EO407R

255 mm, 10"

SOMER

EO415R

235 mm, 9 1/4"

mit beweglichen Maulteilen
with movable jaws

COLLIN

EO420R

265 mm, 10 1/2"

Uterussonden – Uterine Probes

Myomheber
Myoma Screws

DOYEN

EO433R

150 mm, 6"

DOYEN

EO435R

190 mm, 7 1/2"

Uterussonden – Uterine Probes

Modifiziertes Instrumentarium für die Wertheimsche Operation

Modified Instruments for Radical Hysterectomy

Die Austunnelung des blasennahen Ureters und das Absetzen der Parametrien sind die charakteristischen Bestandteile bei der Wertheimschen Operation. Für das Austunneln des Ureters gibt es verschiedene Vorgehensweisen. Das Risiko der Ureter-Verletzung, das allen diesen Vorgehensweisen gemeinsam ist, ist bedingt durch das wiederholte Anklemmen, Spreizen und Durchtrennen von Gewebe in unmittelbarer Nähe des Ureters ohne direkte visuelle Kontrolle.
Die Durchtrennung der Parametrien ist ein weiterer kritischer Operationsschritt. Das Durchtrennen der Gewebsbündel ist oft technisch unbefriedigend und hinterläßt gezahnte Resektionsränder. Aesculap hat daher ein Instrumentarium entwickelt, das die oben genannten operativen Schritte sicherer und präziser macht. Das Instrumentarium ermöglicht es dem Chirurgen, den Eingriff sicherer und präziser durchzuführen und daraus folgt ein schonender OP-Verlauf für die Patientin. Das bislang bestehende Risiko von ungewollten Verletzungen bei dieser Radikaloperation beim Zervixkarzinom wird durch das Design der von Aesculap entwickelten Instrumente minimiert.

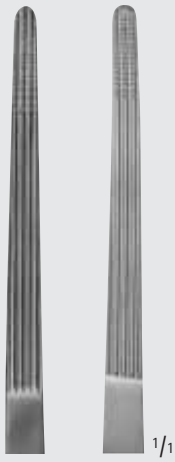
Tunneling of the ureter and severance of the parametria are the characteristic components of the Wertheim operation. There are various procedures for tunnelling the ureter. The risk of injury to the ureter, which is common to all these procedures, is due to the repeated clamping, separation and severance of tissues in the immediate proximity of the ureter without direct visual monitoring. The severance of the parametria is another critical step in the operation. The severance of the tissue bundles is often technically unsatisfactory and leaves serrated resection edges. Aesculap has therefore developed an instrument set which makes the operating steps mentioned safer and more precise. The instrument set enables the surgeon to carry out the operation more safely and precisely, resulting in a less traumatic operation for the patient. The existing risk of undesired injuries in this radical operation for carcinoma of the cervix is minimized by the design of the instruments developed by Aesculap.

UCHIDA (MODIF. N. BURKE)

BM976R	270 mm	10 3/4"
BM977R	350 mm	14"

Ureterlöffel
Spoons

1/2



1/1

KIEBACK

BJ075R	**BJ076R**
235 mm	350 mm
9 1/4"	14"

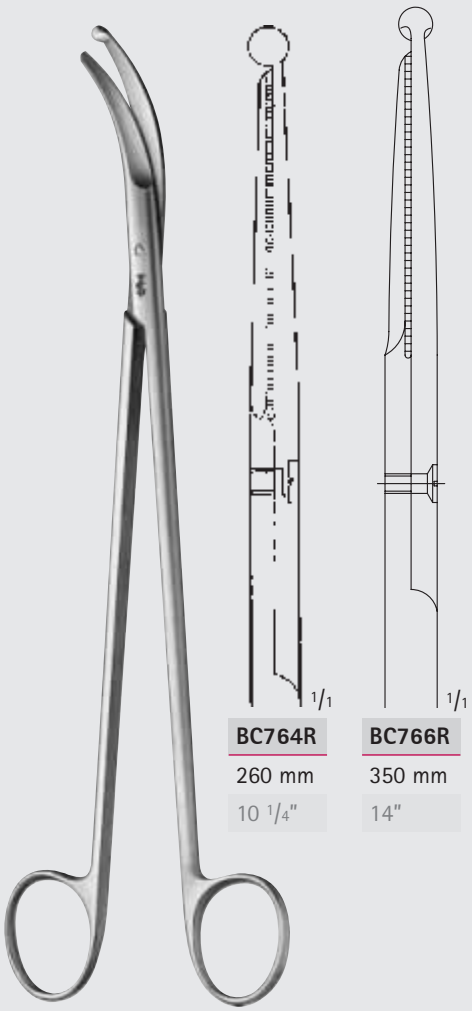
BJ075R-BJ076R

Ureter-Tunnelier-Klemmen, seitwärts gebogen
Ureteral tunnel clamps, curved to side

Uterussonden – Uterine Probes

Modifiziertes Instrumentarium für die Wertheimsche Operation

Modified Instruments for Radical Hysterectomy



BC764R	BC766R
260 mm	350 mm
10 1/4"	14"

KIEBACK

BC764R–BC766R

Parametriumscheren, seitwärts gebogen, 1 Blatt mit Knopfspitze

Parametrium scissors, curved to side, with 1 probe pointed blade

BJ560R	BJ562R
250 mm	350 mm
10"	14"

BURKE

BJ560R–BJ562R

Parametriumklemmen, kurzes Maul

Parametrium clamps, short jaw part

BJ561R	BJ563R
250 mm	350 mm
10"	14"

BURKE

BJ561R–BJ563R

Parametriumklemmen, langes Maul
Parametrium clamps, long jaw part

BC763R	BC765R
240 mm	350 mm
9 1/2"	14"

KIEBACK

BC763R–BC765R

Parametriumscheren
Parametrium scissors

1
2
3
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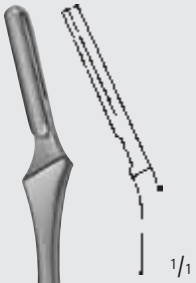
8
INCHES

ER

Biopsie- und Kürettage-Instrumente
Biopsy Instruments and Curettes

Biopsie- und Kürettage-Instrumente – Biopsy Instruments and Curettes

Skalpellgriffe und Skalpellklingen
Scalpel Handles and Scalpel Blades



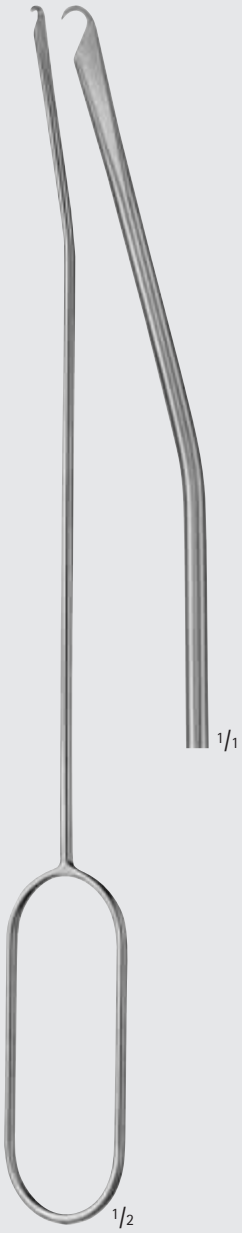
BB540

auswechselbare Skalpellklingen, doppelschneidig
interchangeable scalpel blades, double cutting

Bestelleinheit:
PAK= Packung à 100 Stück
Sales unit:
PAK= Package of 100 pieces

BB079R

Skalpellgriff, winklig aufgebogen
Scalpel handle, angular curved
225 mm, 9"



SAUNDERS

ER002R

I.U.D.-Entfernungshaken
I.U.D. Removing hook
320 mm, 12 1/2"

biegsam
malleable

ASCH

ER005R

Sekretlöffel
Secretion scoop
200 mm, 8"

Biopsie- und Kürettage-Instrumente – Biopsy Instruments and Curettes

Biopsiekürette
Biopsy Curettes

NOVAK-SCHOECKAERT

ER011R

Endometrium-Biopsiekürette
Endometrial biopsy curette
240 mm, 9 1/2"

RANDALL

ER012R

Endometrium-Biopsiekürette
Emdometrial biopsy curette
240 mm, 9 1/2"

MOD. BERLIN

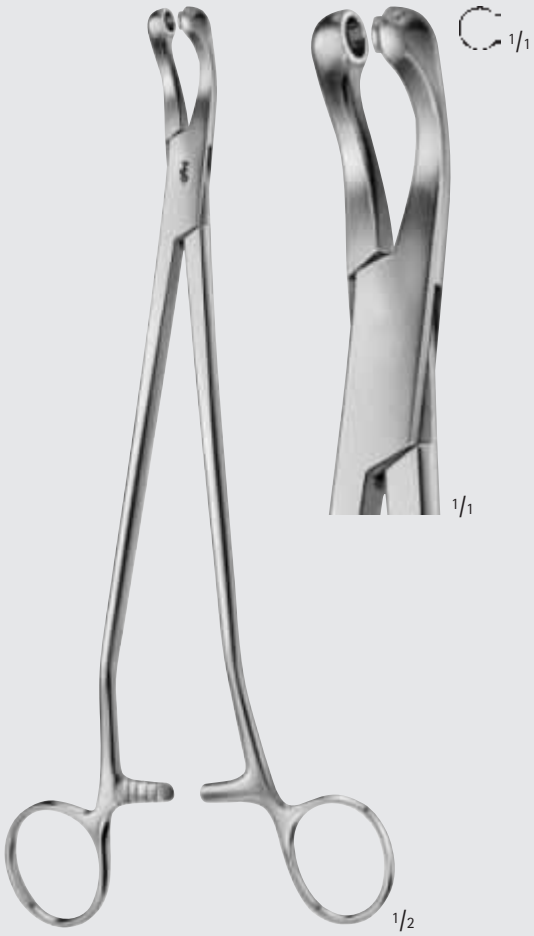
ER015R

Endometrium-Strichkürette
Endometrial biopsy curette
270 mm, 10 3/4"

MOD. MÜNCHEN

ER016R

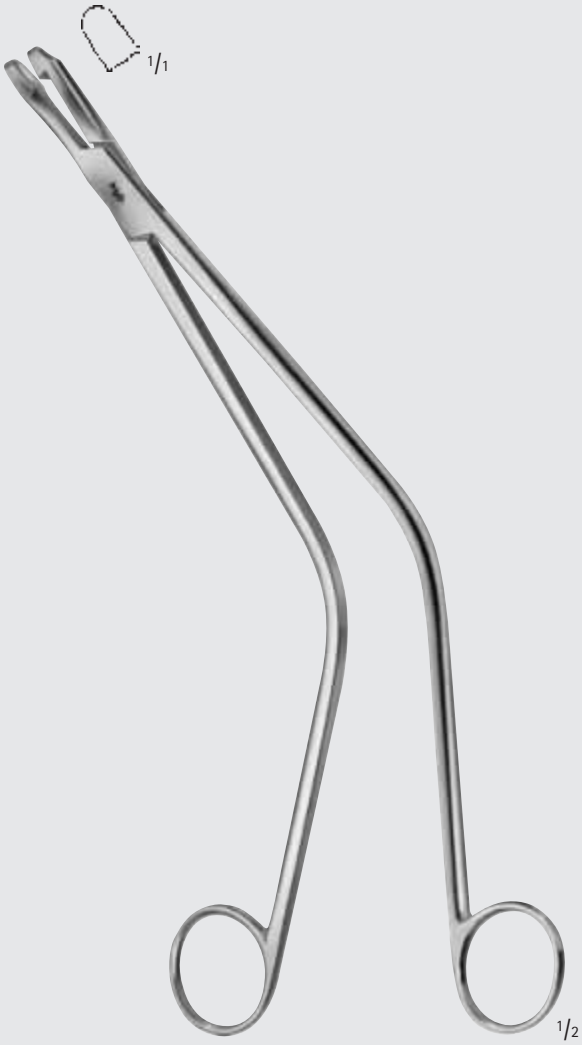
Endometrium-Strichkürette
Endometrial biopsy curette
270 mm, 10 3/4"



THOMS-GAYLOR

ER050R

240 mm, 9 1/2"



SCHUBERT

ER058R

260 mm, 10 1/4"

Biopsie- und Kürettage-Instrumente – Biopsy Instruments and Curettes

Biopsiezangen
Biopsy Forceps

FAURE

ER054R

210 mm, 8 1/4"

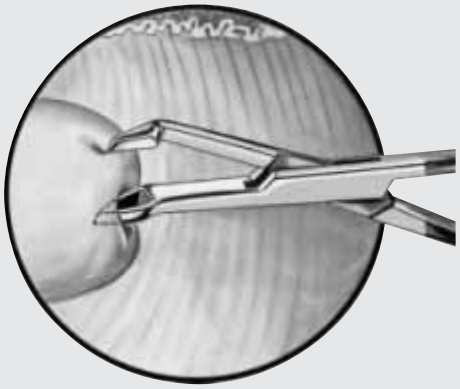
FAURE

ER055R

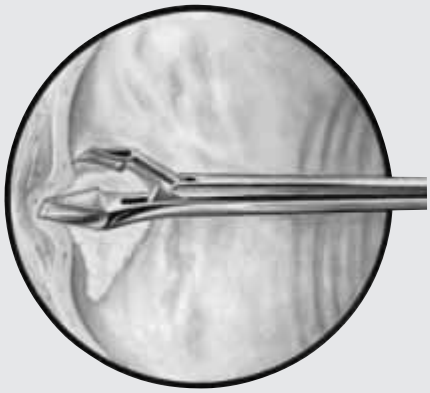
240 mm, 9 1/2"

Vorteile der SCHUMACHER-Zangen:
- Sicheres Erfassen des Gewebes aufgrund des Anhakeeffekts.
- Großer Öffnungswinkel.
- Glatter, ziehender Schnitt.
- Proben werden nicht gequetscht.
- Nicht schmerzhaft, selbstschließende Wunde, gute Heilung.

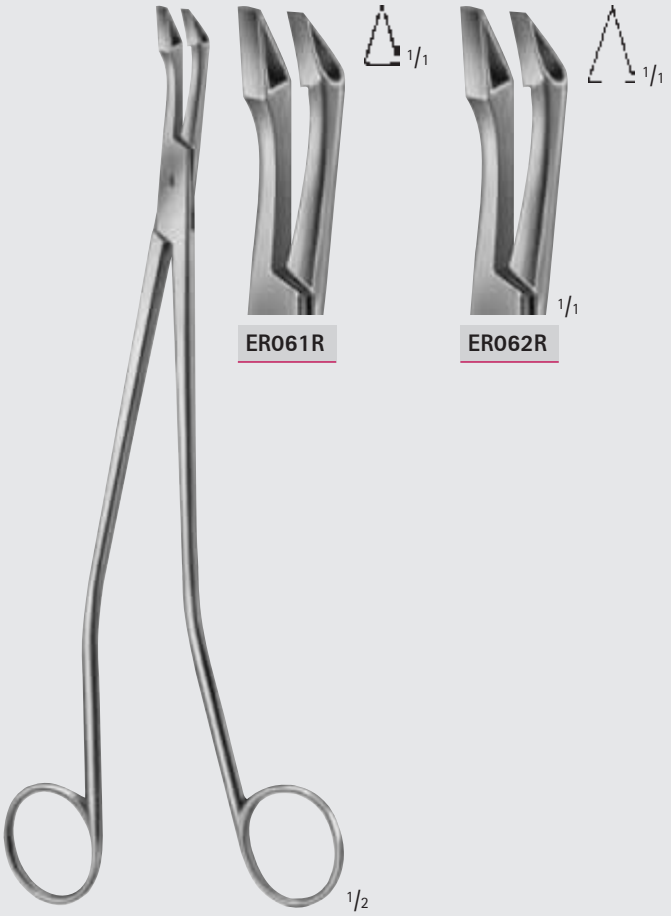
Advantages of the Schumacher forceps:
- More reliable grip on the tissue due to "hooking" effect.
- Wide angle of opening.
- Smooth, steady cut.
- Specimens are not squashed.
- Not painful; self-sealing wound, heals well.



Zange an der Portio vaginalis uteri angesetzt.
Der gute Anhakeeffekt ist erkennbar.
Forceps applied to the portio vaginalis uteri.
The excellent hooking effect can be seen.



Zange am narbig veränderten flachen Scheidengewölbe angesetzt.
Forceps applied to cicatricially altered flat vaginal vault.

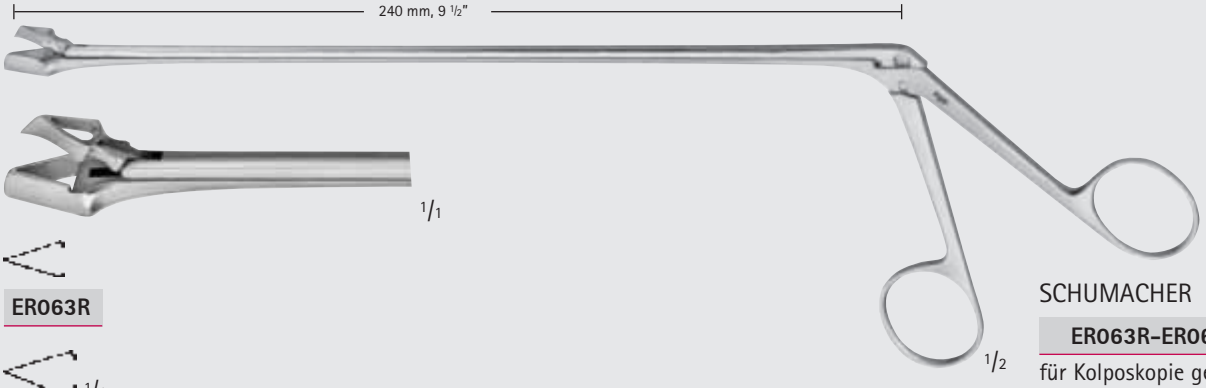


ER061R **ER062R**

SCHUMACHER

ER061R-ER062R

240 mm, 9 1/2"



ER063R

ER064R

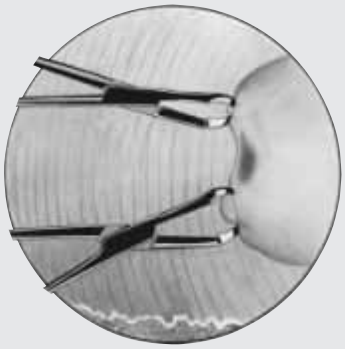
SCHUMACHER

ER063R-ER064R

für Kolposkopie geeignet
suitable for colposcopy
240 mm, 9 1/2"

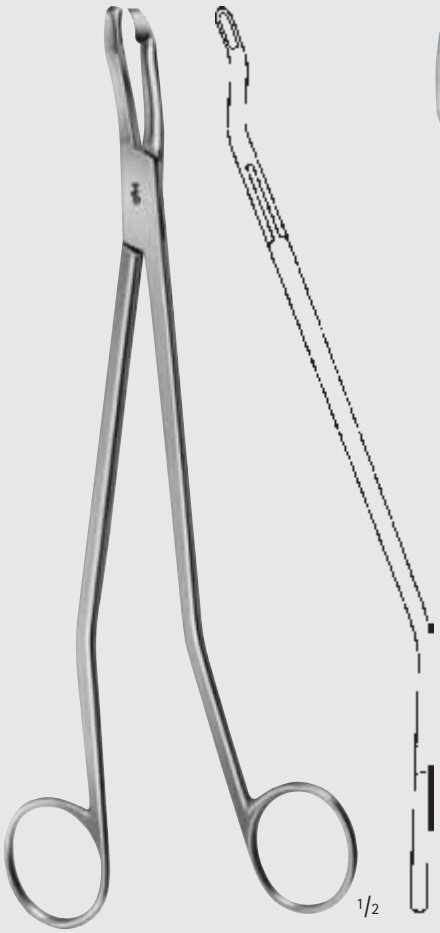
Biopsie- und Kürettage-Instrumente – Biopsy Instruments and Curettes

Biopsiezangen
Biopsy Forceps



Die Größe des PE-Stücks wird durch den Öffnungswinkel der Zange bestimmt. Der Anhakeeffekt des gebogenen Zangenmaules ermöglicht eine Gewebeentnahme meist ohne zusätzliche Verwendung einer fixierenden Hakenzange.

The size of the biopsy is determined by the opening angle of the forceps. The hook effect of the curved jaws allows tissue removal and an additional hook forceps is hardly ever necessary.



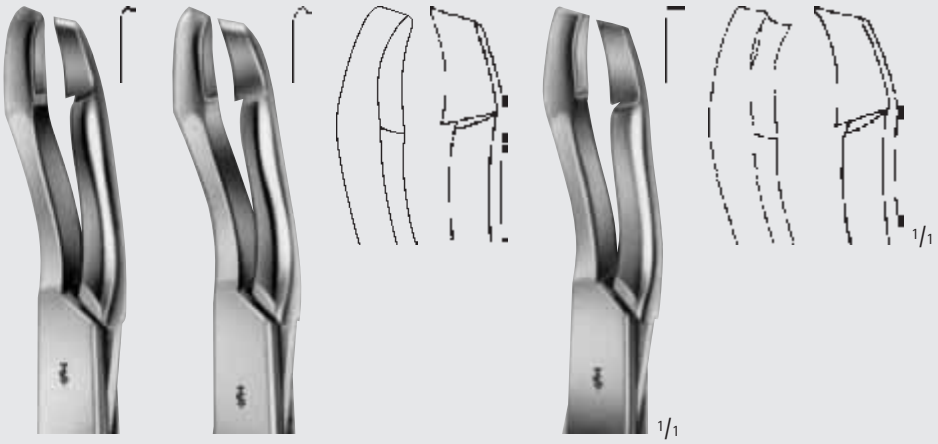
SEIDL DBP

ER072R-ER076R

Biopsiezangen, bajonettförmig, für Portio, Vagina und Vulva

Biopsy forceps, bayonet-shaped, for portio, vagina and vulva

240 mm, 9 1/2"



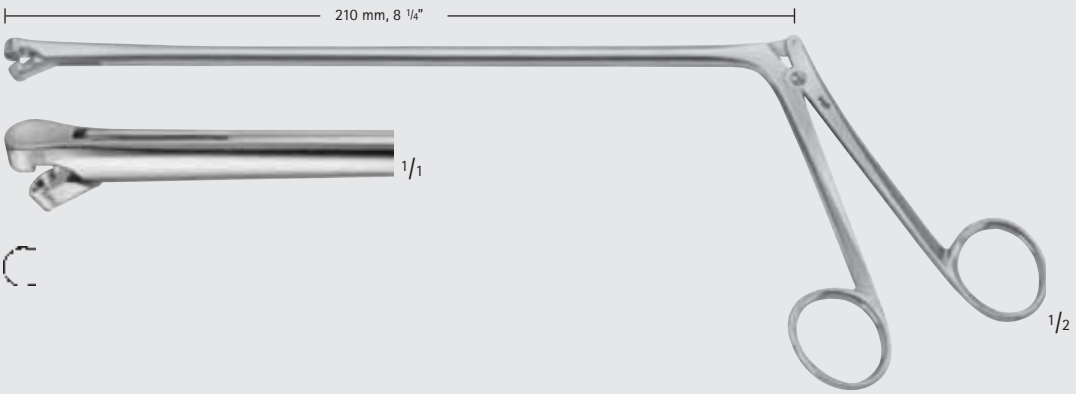
ER072R
2,0 mm

ER073R
2,4 mm

ER076R
2,4 mm

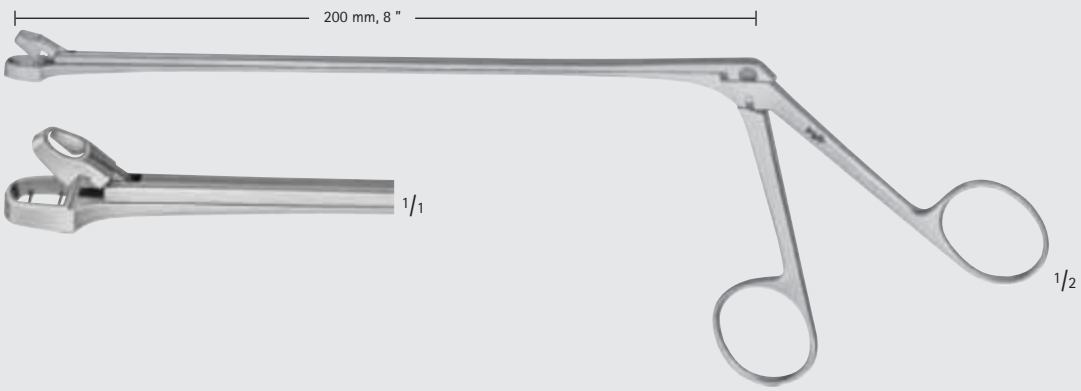
- Es stehen zwei Maulformen zur Verfügung:
  a) Gotische Form (verursacht weniger Blutung), 2,0 bzw. 2,4 mm breit
  b) Rechteckige Form, 2,4 mm breit
- Die glatte, senkrechte Schnittführung durch Epithel und Bindegewebe ermöglicht eine optimale histologische Untersuchung. Das PE-Stück wird seitlich auf einer planen Unterlage (z.B. Kork) fixiert und kann so "schnittgerecht" eingebettet werden. Keine tangentialen Anschnitte!
- Durch die Bajonettbiegung bleibt die Sicht (mit oder ohne Kolposkop) auf die Portio bzw. das PE-Gebiet frei. Das Ansetzen der Zange kann gut kontrolliert werden.

- 2 different shapes of the jaw are available:
  a) gothic shape (causes less bleeding) 2.0 resp. 2.4 mm wide
  b) rectangular shape, 2.4 mm wide
- The smooth vertical cut through the epithelium and fibrous tissue allows an immediate histological examination. The biopsy is laterally fixed to a plane support (e.g. cork) and can thus properly be embedded for intersection. No tangential incisions.
- The bayonet-shape of the forceps does neither obstruct the view to the portio nor to the area of biopsy, no matter whether a colposcope is used or not. Application of the forceps can be well controlled.



BERGER

ER066R



EPPENDORF

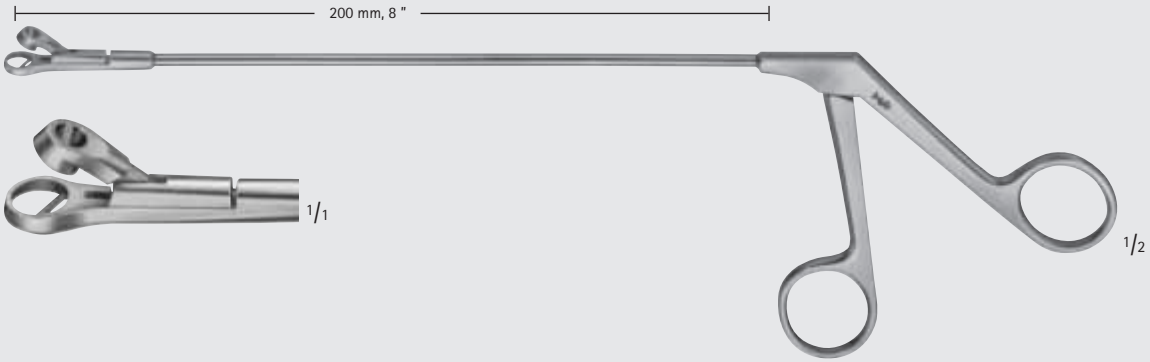
ER070R

für Kolposkopie geeignet

suitable for colposcopy

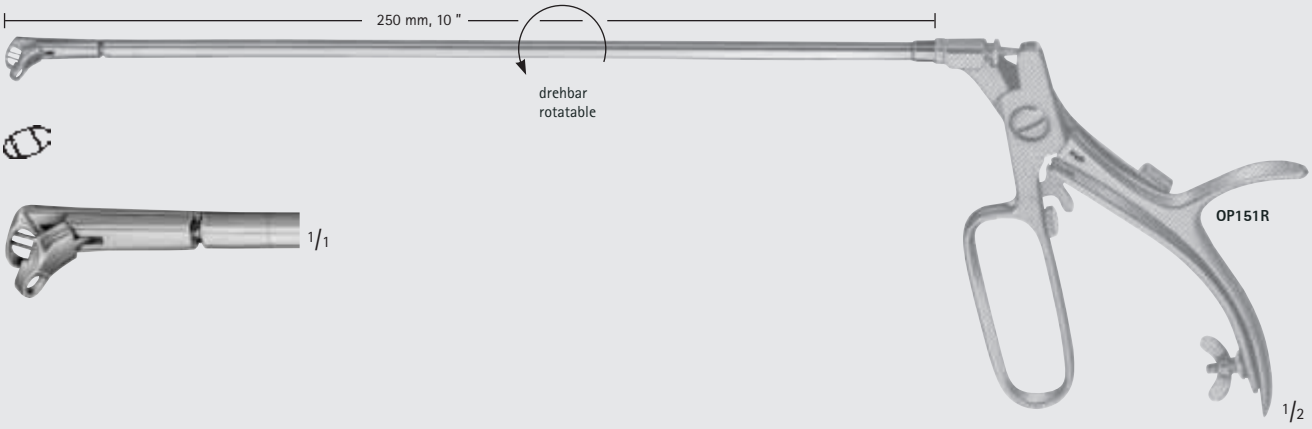
Biopsie- und Kürettage-Instrumente – Biopsy Instruments and Curettes

Biopsiezangen
Biopsy Forceps



LEECH-WILKINSON

ER071R



AESCULAP

EA912R

Aufsatz allein
mit ziehendem Schnitt,
passend auf Griff OP151R

Attachment only
with cut beginning from the top,
suitable for handle OP151R

AESCULAP

OP151R

Universalgriff
Universal handle
140 mm, 5 1/2"

HUBER

OP152R

Universalgriff
Universal handle
140 mm, 5 1/2"

BRÜNNINGS

OP160R	200 mm, 8"
OP161R	250 mm, 10"

Verlängerungsrohre
Extension cannula

OP222R

OP223R

KRAUSE

OP222R-OP223R

Biopsie-Aufsätze
Biopsy attachments

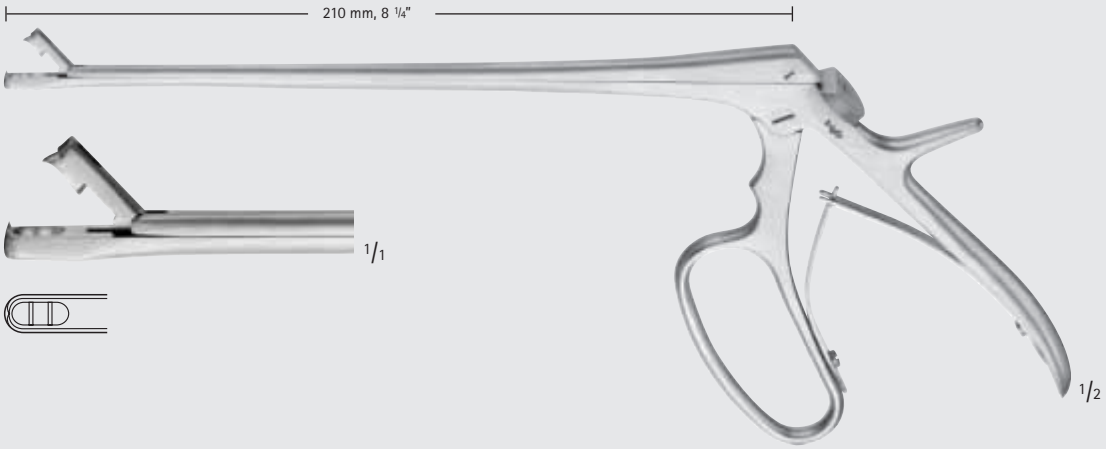
SCHUMACHER

OP230R

Biopsie-Aufsatz
mit ziehendem Schnitt
Biopsy attachment
with cut beginning from
the top

Biopsie- und Kürettage-Instrumente – Biopsy Instruments and Curettes

Biopsiezangen
Biopsy Forceps



TISCHLER

ER068R

Fig. 1
ER101R
6,8 mm

Fig. 2
ER102R
8,5 mm

Fig. 3
ER103R
10 mm

Fig. 4
ER104R
11,5 mm

Fig. 5
ER105R
13 mm

Fig. 6
ER106R
14,5 mm

1/2 1/1

SIMON
ER101R–ER106R
max. 240 mm, 9 1/2"

Fig. 1
ER111R
6,8 mm

Fig. 2
ER112R
8,5 mm

Fig. 3
ER113R
10 mm

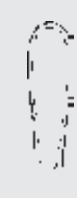
Fig. 4
ER114R
11,5 mm

Fig. 5
ER115R
13 mm

Fig. 6
ER116R
14,5 mm

1/2 1/1

SCHRÖDER
ER111R–ER116R
max. 310 mm, 12 3/8"



ER126R
6 mm

ER128R
8 mm

ER130R
10 mm

ER132R
12 mm

1/1

ER134R
14 mm

1/2

GOURDET
ER126R–ER134R
stumpf
blunt
280 mm, 11"

Biopsie- und Kürettage-Instrumente – Biopsy Instruments and Curettes

Uterusküretten
Uterine Curettes

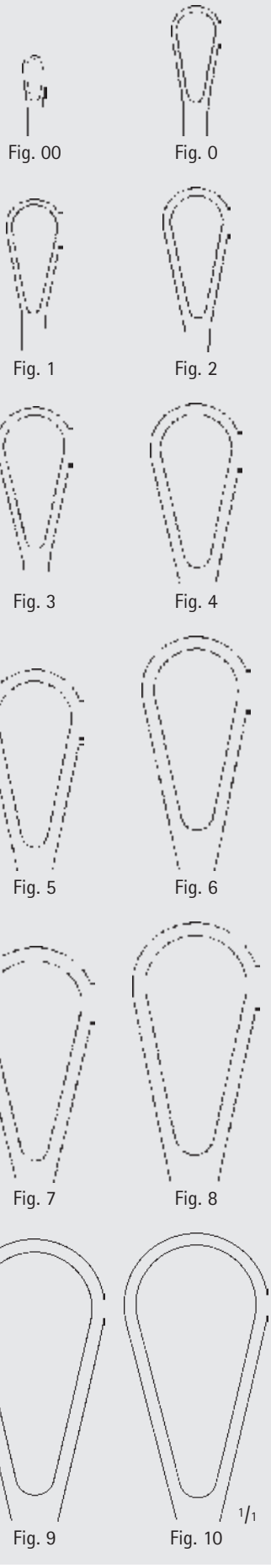
RECAMIER

ER219R–ER230R
scharf-fest
sharp-rigid

ER241R–ER248R
scharf-biegsam
sharp-malleable

ER320R–ER330R
stumpf-fest
blunt-rigid

max. 300 mm, 12"



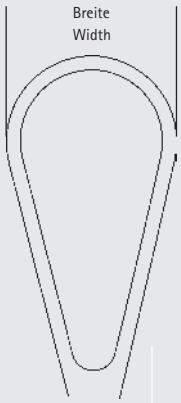


Fig.	Breite Width	scharf sharp: fest rigid	scharf sharp: biegsam malleable	stumpf blunt: fest rigid
00	4,5 mm	**ER219R**		
0	7,5 mm	**ER220R**		**ER320R**
1	8,5 mm	**ER221R**	**ER241R**	**ER321R**
2	10,5 mm	**ER222R**	**ER242R**	**ER322R**
3	12,0 mm	**ER223R**	**ER243R**	**ER323R**
4	14,0 mm	**ER224R**	**ER244R**	**ER324R**
5	15,0 mm	**ER225R**	**ER245R**	**ER325R**
6	16,5 mm	**ER226R**	**ER246R**	**ER326R**
7	18,0 mm	**ER227R**	**ER247R**	**ER327R**
8	19,5 mm	**ER228R**	**ER248R**	**ER328R**
9	21.5 mm	**ER229R**		**ER329R**
10	23,5 mm	**ER230R**		**ER330R**

Fig. 1

Fig. 2

Fig. 3

Fig. 4

Fig. 5

Fig. 6

SIMS

ER401R–ER406R
scharf-fest
sharp-rigid

ER411R–ER416R
scharf-biegsam
sharp-malleable
max. 255 mm, 10"

ER421R–ER426R
stumpf-fest
blunt-rigid

Fig.	Breite Width	scharf sharp		stumpf blunt
		fest rigid	biegsam malleable	fest rigid
1	7,5 mm	**ER401R**	**ER411R**	**ER421R**
2	8,5 mm	**ER402R**	**ER412R**	**ER422R**
3	10,5 mm	**ER403R**	**ER413R**	**ER423R**
4	12,0 mm	**ER404R**	**ER414R**	**ER424R**
5	14,0 mm	**ER405R**	**ER415R**	**ER425R**
6	15,0 mm	**ER406R**	**ER416R**	**ER426R**

Biopsie- und Kürettage-Instrumente – Biopsy Instruments and Curettes

Uterusküretten
Uterine Curettes

Fig. 0

Fig. 1

Fig. 2

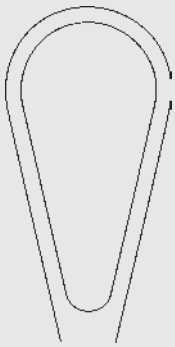


Fig. 3

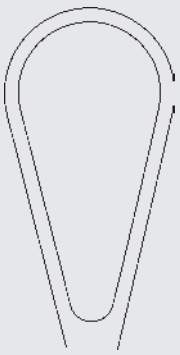


Fig. 4

Fig. 5

Fig. 6 1/1

1/2

BUMM

ER520R-ER526R

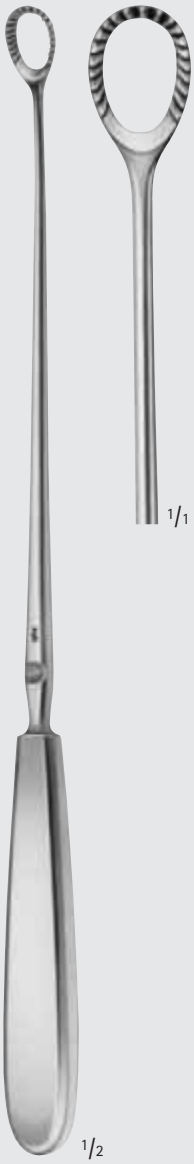
stumpf-biegsam
blunt-malleable
max . 290 mm, 11 1/2"

Fig.	Breite Width	stumpf blunt biegsam malleable
0	16,0 mm	**ER520R**
1	18,0 mm	**ER521R**
2	19,5 mm	**ER522R**
3	21,5 mm	**ER523R**
4	23,5 mm	**ER524R**
5	26,0 mm	**ER525R**
6	28,5 mm	**ER526R**

BLAKE

ER585R

275 mm, 10 3/4"



COLLIN

ER580R

300 mm, 12"

HEANEY

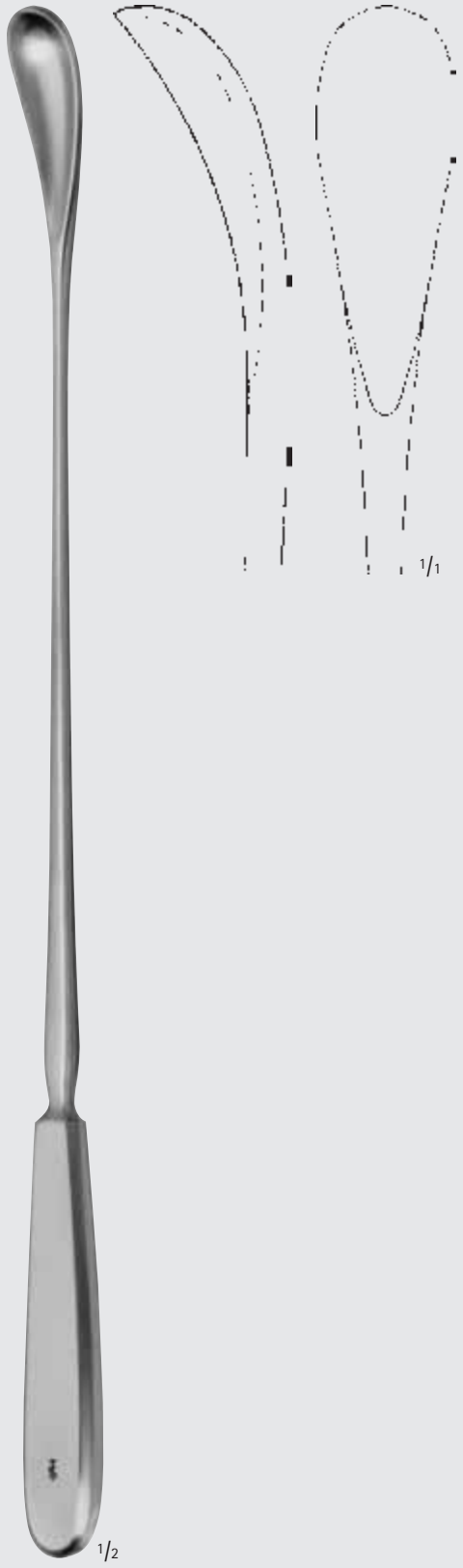
ER025R

240 mm, 9 5/8"

Biopsie- und Kürettage-Instrumente – Biopsy Instruments and Curettes

Plazentar- und Abortuslöffel

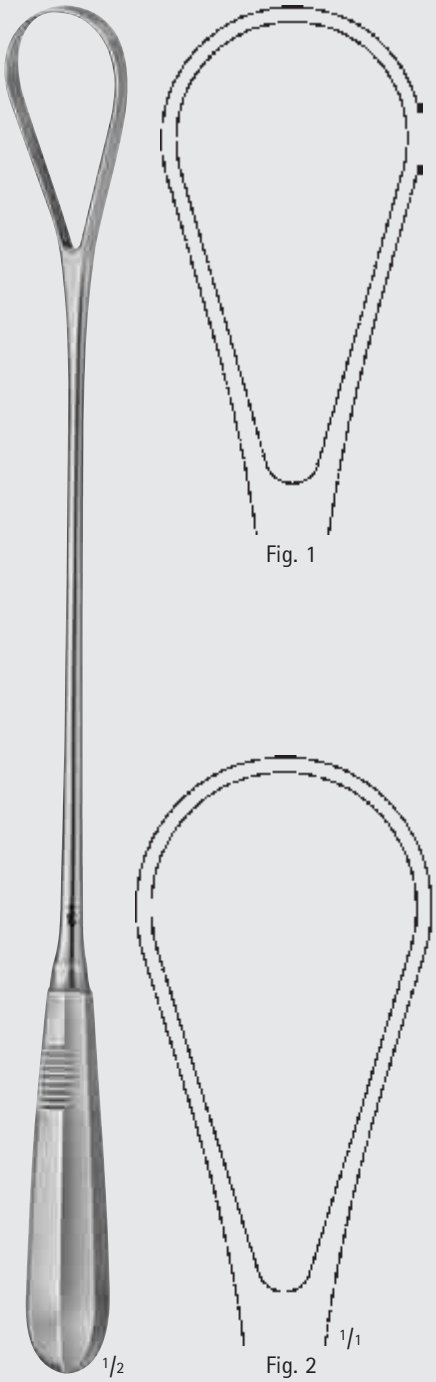
Placenta- and Ovum Scoop



WALLICH

ER602R

420 mm, 16 3/4"

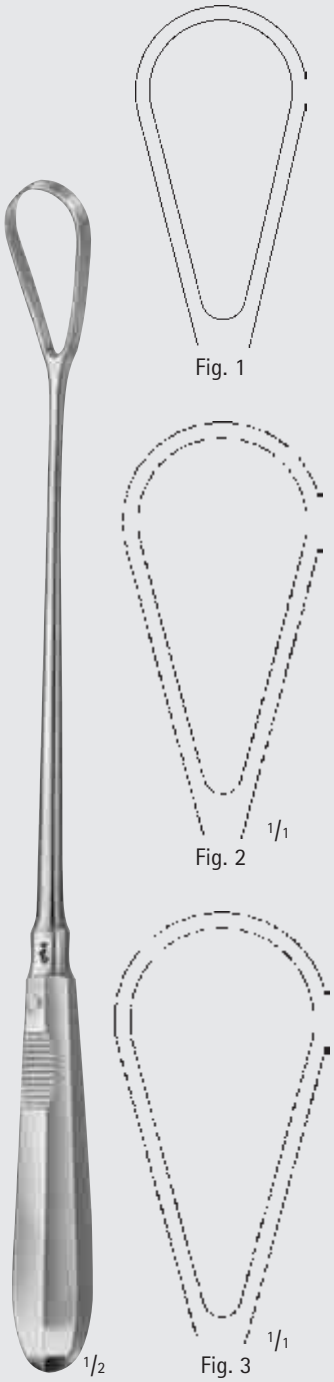


RECAMIER

ER611R–ER612R

stumpf-fest
blunt-rigid
max. 360 mm, 14 3/8"

Fig.	Breite Width	stumpf blunt fest rigid
1	34,5 mm	**ER611R**
2	39,5 mm	**ER612R**



BUMM

ER621R–ER623R

scharf-biegsam
sharp-malleable

ER626R–ER628R

stumpf-biegsam
blunt-malleable
max. 310 mm, 12 3/8"

Fig. Fig.	Breite Width	scharf sharp biegsam malleable	stumpf blunt biegsam malleable
1	23,5 mm	**ER621R**	**ER626R**
2	26,0 mm		**ER627R**
3	28,5 mm	**ER623R**	**ER628R**

MILLIMETERS

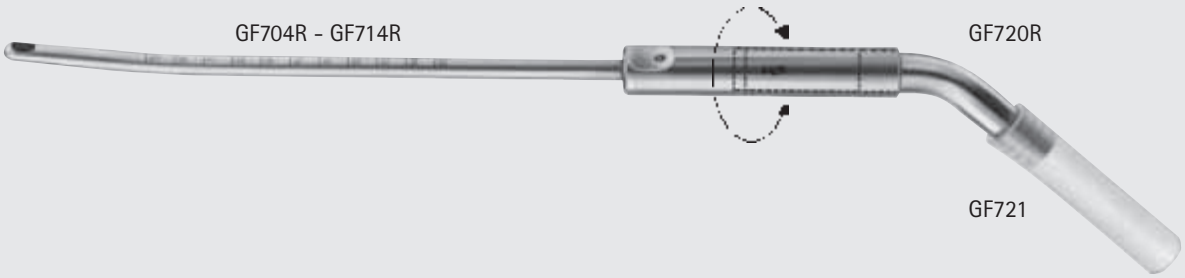
Biopsie- und Kürettage-Instrumente – Biopsy Instruments and Curettes

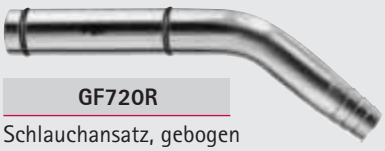
Vakuumküretten
Vacuum Curettes

Kanülen zur Vakuumkürettage mit Graduierung und Saugunterbrecher, passend auf den Schlauchansatz GF720R. Arbeitsenden sorgfältig verrundet, daher keine Perforationsgefahr.

Curettes with graduation and suction interrupter, for vaccum curettage, fitting hose connection GF720R.
Working tips are smoothly rounded off, therefore no danger of perforation.

	Ø diam.
GF704R	4 mm (zur Saugbiopsie geeignet) (suitable for suction biopsy)
GF706R	6 mm
GF708R	8 mm
GF710R	10 mm
GF712R	12 mm
GF714R	14 mm





GF720R

Schlauchansatz, gebogen
Innen-Ø: 11 mm

Hose connection, curved
inside diam.: 11 mm

GF721

Saugschlauch, transparent, 1,8 m lang, Innen-Ø 11 mm, Außen-Ø 16,5 mm, sterilisierbar im Autoklav bei 143 °C (3 bar)

Transparent suction hose, 1.8 m long, inside diam. 11 mm, outside diam. 16.5 mm, can be sterilized in an autoclave at 143 °C (3 bar)

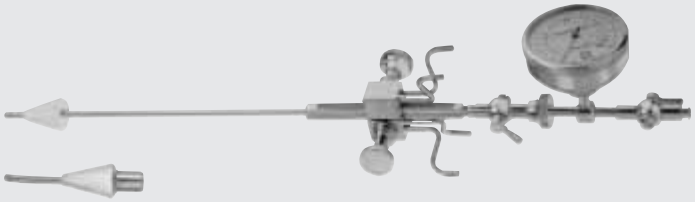
Die Verbindung zwischen Saugküretten und Schlauchansatz GF720R gewährleistet schnelles Wechseln und freies Drehen der Saugküretten auf dem Schlauchansatz.

The connection between suction curette and hose connection GF720R guarantees quick changing and free turning of the suction curettes on the hose connection.

GF722

Gewebe-Auffangsieb aus Kunststoff, **zum Einmalgebrauch** für die histopathologische Untersuchung.

Strainer for tissues, plastic, **for single use only,** to be used for histopathological examination.



ER826C

ER827C

1/2

ER828C

SCHULZE

ER820C

Salpingograph zur Hystereo-Salpingographie, komplett bestehend aus:

ER825C	Tubenkatheter mit Hahn, ohne Kegel
ER826C	Kegel allein, klein
ER827C	Kegel allein, mittel
ER828C	Kegel allein, groß
	Manometer
	Zwischenstück
ER829	Holzetui

Salpingograph, for utero-salpingography , complete consisting of:

ER825 C	Uterine cannula with tap without cone
ER826C	Cone only, small
ER827C	Cone only, medium
ER828C	Cone only, large
	Manometer
	Connection
ER829	Wooden case

1/2

SCHULZE

ER822C

Salpingograph,
Ausstattung wie ER820C,
jedoch ohne Manometer

Salpingograph,
equipment like ER820C,
but without manometer

Biopsie- und Kürettage-Instrumente – Biopsy Instruments and Curettes

Uterus-Kanülen
Uterine Cannulae

1/2

LEECH-WILKINSON

ER871R-ER873R

265 mm, 10 1/2"

1/1

ER871R
klein
small
Ø 10 x 25 mm
diam. 10 x 25 mm

ER872R
mittel
medium
Ø 13 x 30 mm
diam. 13 x 30 mm

ER873R
groß
large
Ø 16 x 30 mm
diam. 16 x 30 mm

1/2

SPACKMAN

ER874R

mit Befestigungsplatte für Hakenzange verstellbar
with adjustable plate for vulsellum forceps
360 mm, 14 1/4"

BEHRMAN

ER875

Uterus-Kanüle
mit abnehmbarem Konus
Uterine cannula
with detachable cone
305 mm, 12"

ER876

Uterus-Kanüle
mit Federmechanismus, selbsthaltend, komplett mit 2 auswechselbaren Koni groß und klein
Uterine cannula
with spring connector, self-retaining, complete with 2 interchangeable cones large and small
250 mm, 13"

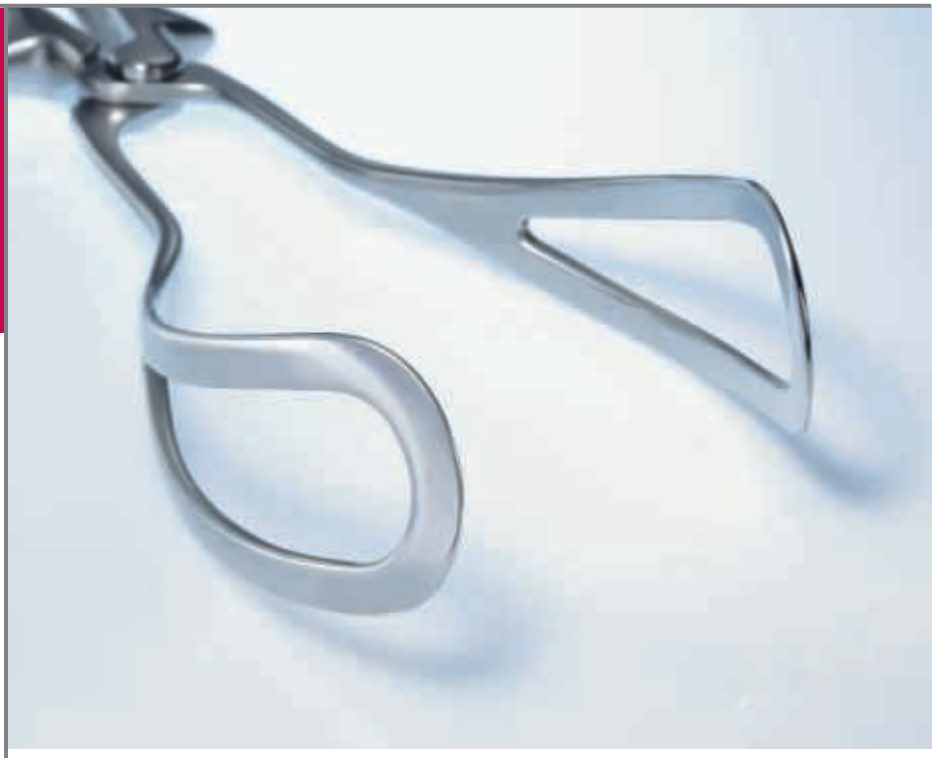
ROTUNDA

ER867R

Spülkatheter
Ø 5 mm
Irrigation cannula
diam. 5 mm
200 mm, 8"

1
2
3
4
5
6
7
8
INCHES

ET



Geburtshilfe
Obstetrics

Geburtshilfe – Obstetrics

Beckenzirkel
Pelvimeters

1/2

DE LEE

ET005R

Beckenzirkel mit Zentimeter- und Zolleinteilung für innere Messungen zwischen Symphyse und Promontorium

Pelvismeter graduated in centimeters and inches for interior measurements between symphysis and promontory

1/3

MARTIN

ET073R

mit Zentimetereinteilung

graduated in centimeters

1/3

SCHMELZ

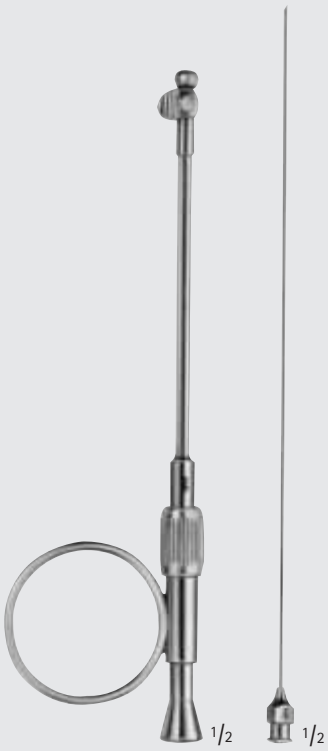
ET002

Rechenscheibe

Gestation calculator

Nach Applikation der Führungshülse am Injektionsort wird die Kanüle (mit aufgesetzter Spritze) durch den Trichter bzw. durch die Hülse hindurchgeführt und ins Gewebe eingestochen. Verletzungen der Vagina werden dabei vermieden. Die Einstichtiefe ist auf ca. 10 mm begrenzt. Ein Daumenring sowie eine kleine Stütze für Zeige-oder Mittelfinger dienen zur besseren Handhabung. Der Daumenring ist auf der Führungshülse verschiebbar und kann mit einer Rändelmutter – für jede Hand passend – fixiert werden. Die Fingerstütze läßt sich um die Führungshülse drehen und ermöglicht dadurch die Verwendung sowohl für Rechts- als auch für Linkshänder. Außerdem kann die Fingerstütze – evtl. bei der Pudendusanästhesie – ganz aus dem Aktionsbereich heraus in Richtung Daumenring geschoben werden.

When the guide sheath is introduced at the spot to be injected the needle (mounted on the syringe) is passed through the guide sheath and the tissue is finally injected. Injuries of the vagina are thus avoided. Depth of puncture is limited to 10 mm. Thumb ring as well as a small support for middle- or forefinger facilitate the handling. Thumb ring slides on the guide sheath and can be fixed by a knurled nut to any size of the hand. The finger support can be turned round on the guide sheath so left-handers can use it, too. Completely away from the range of actions is the finger support when it is moved towards the thumb ring, e.g. for anesthesia of the pudendus.



ET096R
Führungshülse
Guide sheath
175 mm, 7"

SR580R
Injektionskanüle Luer-Lock
Injection needle Luer-Lock hub
1,0 x 185 mm

Spezialbesteck zur transvaginalen Injektion bei Paracervical-und Pudendusanästhesie
Special set for transvaginal injection for paracervical anesthesia as well as anesthesia of the pudendus

Geburtshilfe – Obstetrics

Amniotom, Blasensprenger

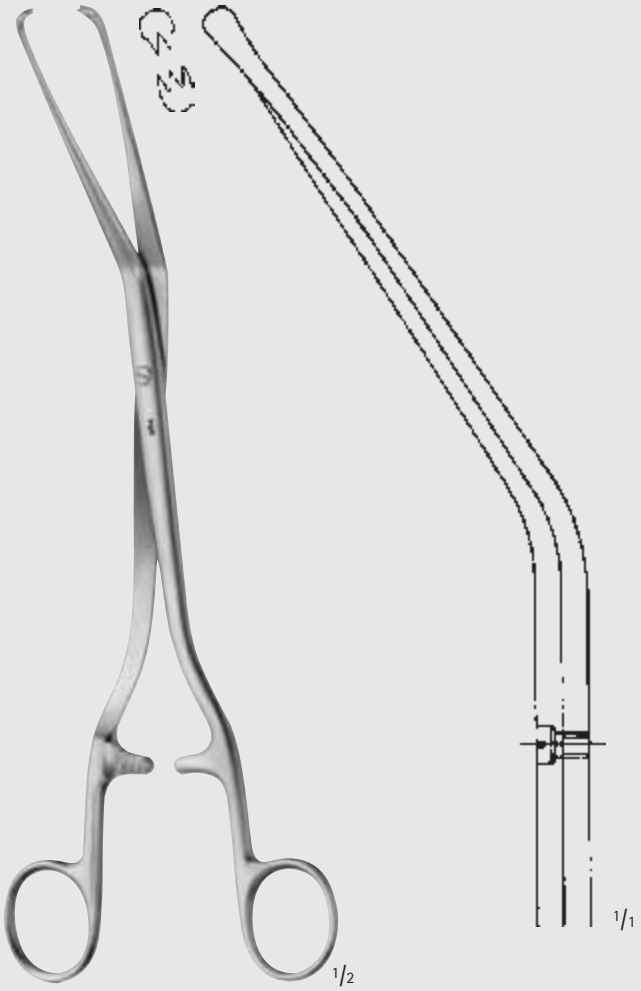
Amniotome, Membrane Puncturing Forceps

Stethoskope für die Geburtshilfe siehe Rubrik AC
Obstetrical stethoscopes see section AC

BEACHAM

ET102R

Amniotom
Amniotome
240 mm, 9 1/2"



HERFF

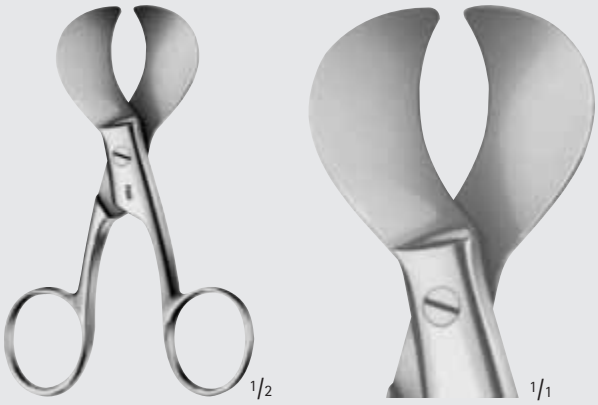
ET106R

Blasensprenger
Membrane puncturing forceps
255 mm, 10"

SCHUHMACHER

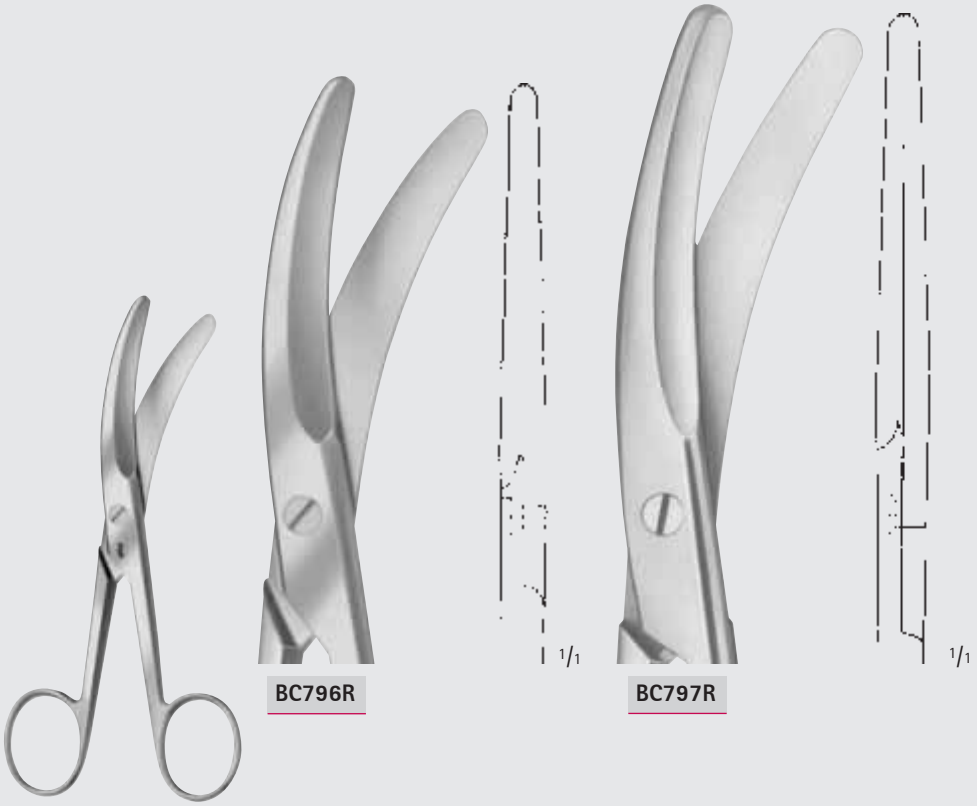
ET150R

Nabelschnurschere
Umbilical cord scissors
155 mm, 6"



ET152R

Nabelschnurschere
Umbilical cord scissors
105 mm, 4 1/8"



BC796R

BC797R

BC796R	135 mm	5 1/4"
BC797R	160 mm	6 1/4"

Nabelschnurscheren
Umbilical cord scissors

Geburtshilfe – Obstetrics

Dammscheren, Nabelschnurdilatator, Nabelschnurklemme

Episiotomy Scissors, Umbilical Dilator, Umbilical Cord Clamp

1/1

1/1

BRAUN-STADLER

ET140R	145 mm	5 3/4"
ET141R	200 mm	8"

Dammscheren

Episiotomy scissors

ET140R

ET141R

1/1

1/2

ET142R

Dammschere

Episiotomy scissors

240 mm, 9 1/2"

1/1

ET130R

Nabelschnurdilatator

Umbilical dilator

95 mm, 3 3/4"

1/2

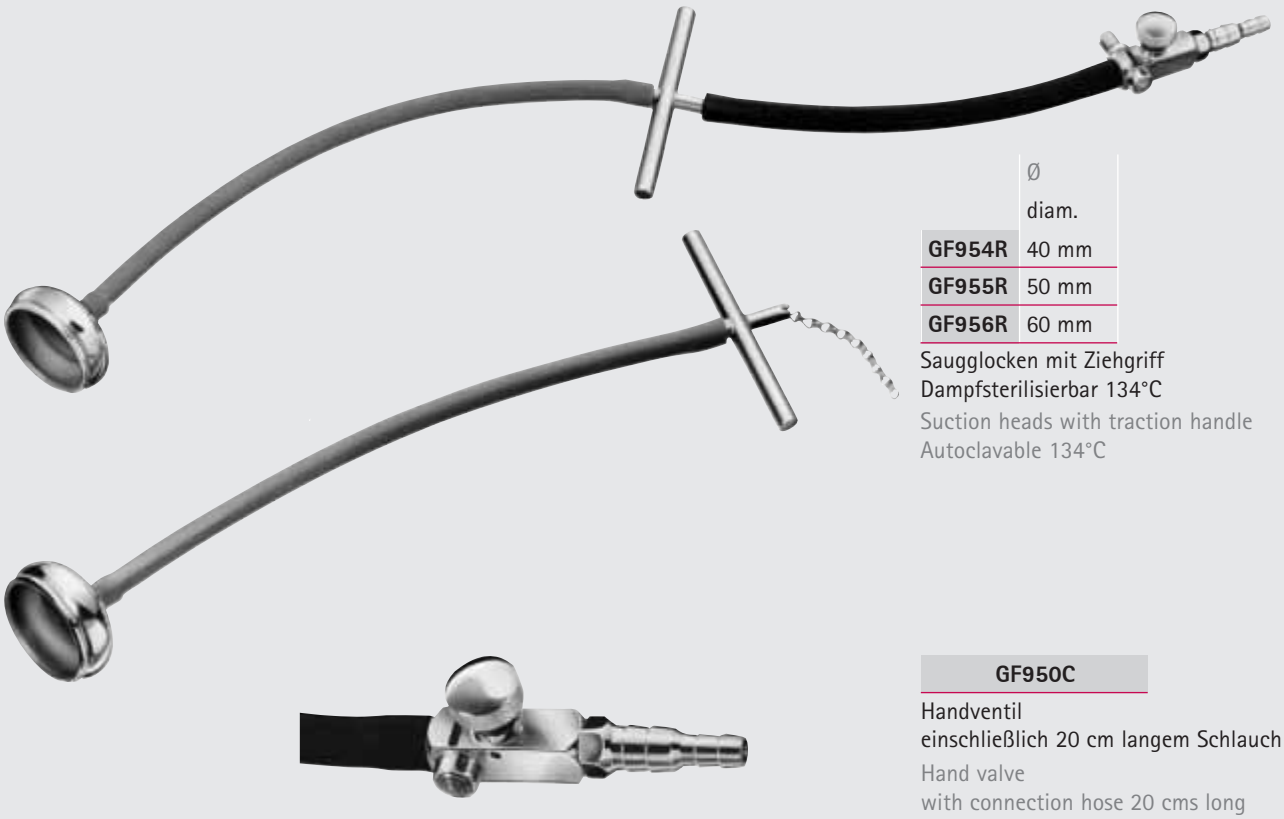
COLLIN

ET160R

Nabelschnurklemme

Umbilical cord clamp

85 mm, 3 3/8"



	Ø diam.
GF954R	40 mm
GF955R	50 mm
GF956R	60 mm

Saugglocken mit Ziehgriff
Dampfsterilisierbar 134°C
Suction heads with traction handle
Autoclavable 134°C

GF950C

Handventil
einschließlich 20 cm langem Schlauch
Hand valve
with connection hose 20 cms long

Mit dem Handventil GF950C können die Aesculap-Sauger auch zur Vakuum-Extraktion nach Malmström verwendet werden. Das Vakuum-Handventil GF950C ist auch an zentrale Sauganlagen anschließbar.

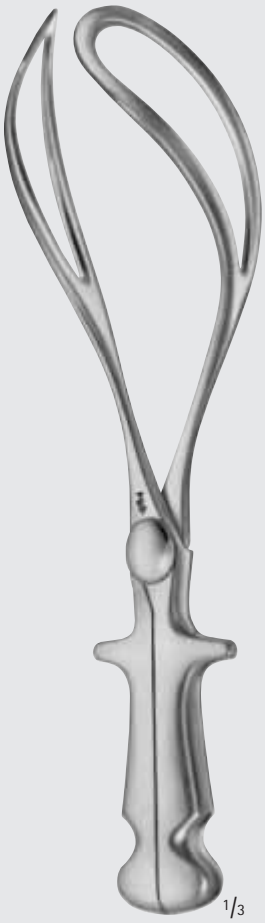
With the hand valve GF950C Aesculap electric suction pumps can also be used for Malmström vacuum extraction. The vacuum hand valve GF950C can also be connected to central suction system.

Funktionsweise: Das benötigte Vakuum ist durch die Regulierschraube beliebig voreinstellbar und veränderbar und besteht bis zum geschlossenen Stoppschieber. Sobald man den Stoppschieber öffnet, d.h. von links nach rechts drückt, wird die aufgesetzte Saugglocke unmittelbar unter das eingestellte Vakuum gesetzt. Zum sofortigen Absetzen der Saugglocke braucht der Stoppschieber nur geschlossen zu werden, wodurch das Vakuum der Saugglocke spontan zusammenbricht, während das Vakuum in der Saugflasche voll erhalten bleibt und nicht immer wieder zeitraubend neu aufgebaut werden muß.

Function: The vacuum required can be constantly preset by the adjusting screw. This vacuum exists then up to the closed quick-shutter, thus the vacuum in the suction head is pressed from the left to the right, the mounted suction head is immediately put under the preset vacuum. In case the preset vacuum has to be changed, this can be done with the adjusting screw. For immediate removal of the suction head simply close the quick-shutter, thus the vacuum in the suction head is eliminated at once whereas the vacuum in the suction jar remains unchanged.

GF957

Saugglocke aus Silicon-Gummi, Ø 60 mm,
mit 1,5 m Siliconschlauch
Dampfsterilisierbar 134°C
Suction head, made of silicone, 60 mm diam.,
with silicone tube 1.5 m long
Autoclavable 134°C



NÄGELE

ET205R

355 mm, 14 1/8"

KIELLAND

ET210R

420 mm, 16 3/4"

SIMPSON-BRAUN

ET220R

305 mm, 12"

SIMPSON-BRAUN

ET221R

350 mm, 14"

PIPER

ET237R

für nachkommenden Kopf bei Steißlagen

for delivery of the after coming head in breech presentation

445 mm, 17 1/2"

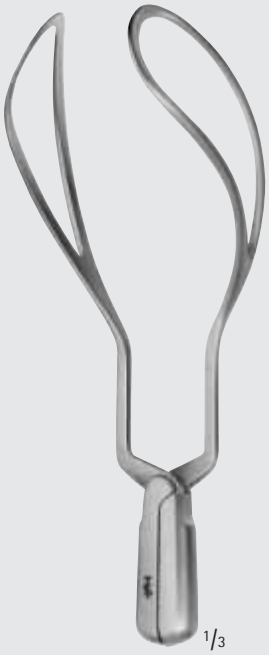
Geburtshilfe – Obstetrics

Geburtszangen
Obsterical Forceps

SIMPSON

ET245R

für sectio caesarea
(Schnittentbindung)
for caesarean section
235 mm, 9 1/4"



WRIGLEY

ET246R

für sectio caesarea
(Schnittentbindung)
for caesarean section
250 mm, 10"

1/3

TARNIER

ET251R

mit Achsenzugvorrichtung
with traction rod
400 mm, 16"

1/3

BARNES-NEVILLE

ET255R

mit Zugvorrichtung
with traction handle
435 mm, 17"

Geburtshilfe – Obstetrics

Geburtslöffel, Uterus-Klemmzange

Obstetrics Lever, Caesarean Section Hemostatic Forceps

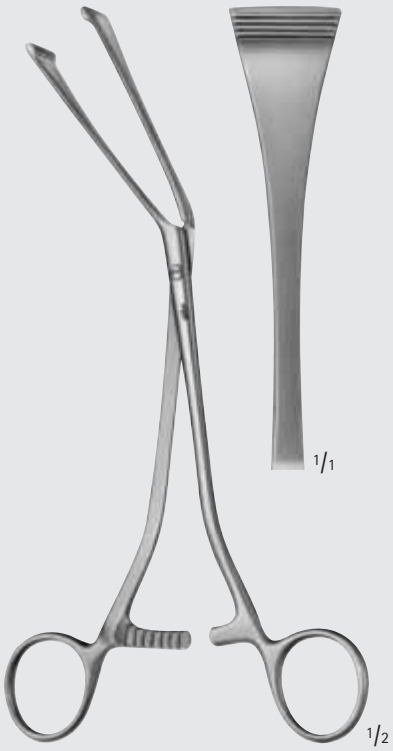
SELLHEIM

ET270R

Geburtslöffel

Obstetric lever

300 mm, 12"



GREEN-ARMYTAGE

ET268R

Uterus-Klemmzange, abgewinkelt, zur Blutstillung an den Schnitträndern im unteren Segment bei Kaiserschnitt-Entbindungen

Caesarean section hemostatic forceps, angled, for edges of the transverse incision in the lower segment

195 mm, 7 3/4"

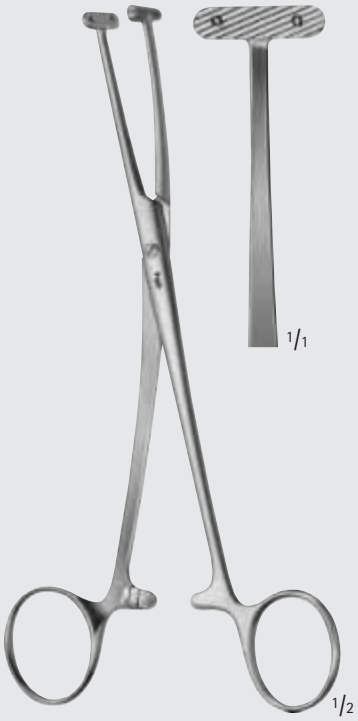
GREEN-ARMYTAGE

ET269R

Uterus-Klemmzange zur Blutstillung an den Schnitträndern im unteren Segment bei Kaiserschnitt-Entbindungen

Caesarean section haemostatic forceps, for edges of the transverse incision in the lower segment

220 mm, 8 3/4"



WILLETT

FF011R

Kopfschwartenzange

Scalp flap forceps

185 mm, 7 1/4"

Geburtshilfe – Obstetrics

Plazentar- und Abortuszangen

Plazenta- and Ovum Forceps

1/1

Fig. 1 Fig. 2

ET301R **ET302R**

1/2

WINTER

ET301R-ET302R

290 mm, 11 1/2"

1/1

Fig. 1 Fig. 2 Fig. 3

ET306R **ET307R** **ET308R**

1/2

WINTER

ET306R-ET308R

290 mm, 11 1/2"

1/1

Fig. 2 Fig. 3

ET315R **ET316R**

1/2

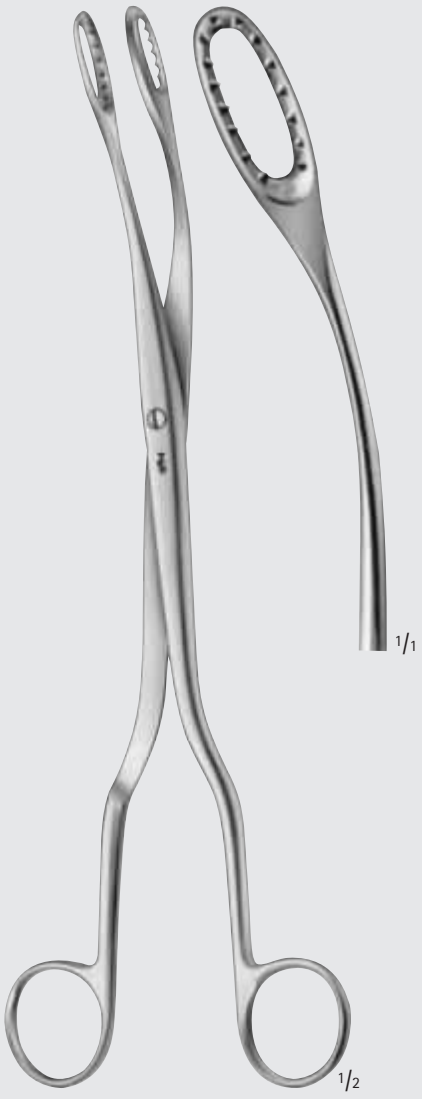
WINTER

ET315R-ET316R

mit Sperre

with ratchet

290 mm, 11 1/2"



SAENGER

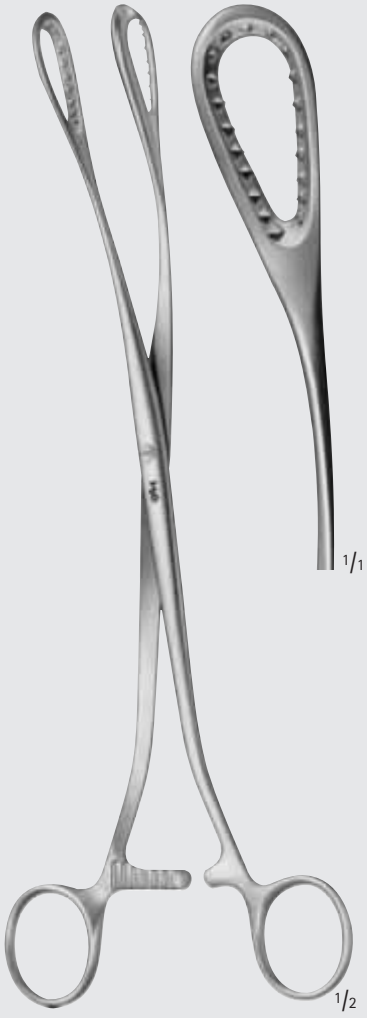
ET325R

285 mm, 11 1/4"

SAENGER

ET326R

275 mm, 10 3/4"



SAENGER

ET327R

265 mm, 10 1/2"

Geburtshilfe – Obstetrics

Plazentar- und Abortuszangen

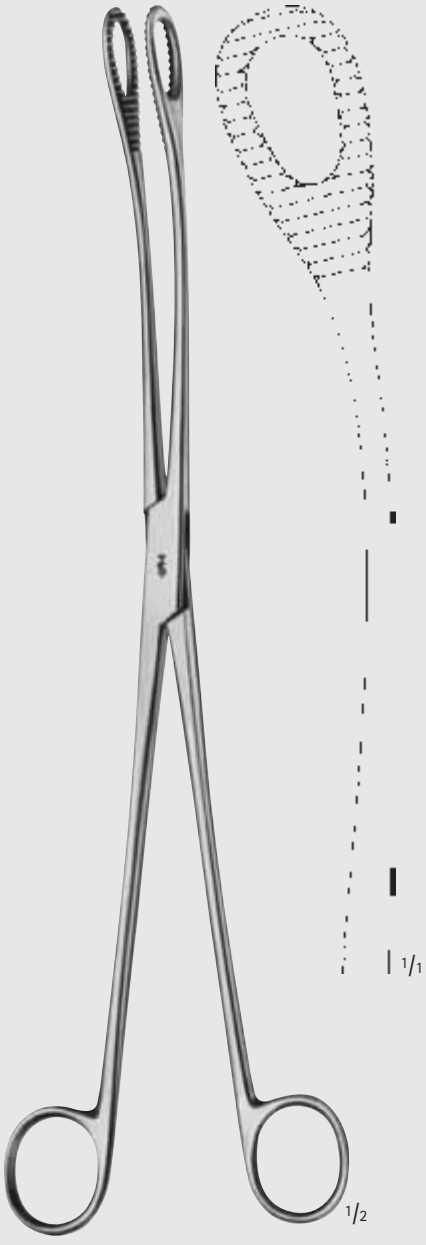
Placenta- and Ovum Forceps

mit Schutzklappe
with protecting cap

AESCULAP

ET320R

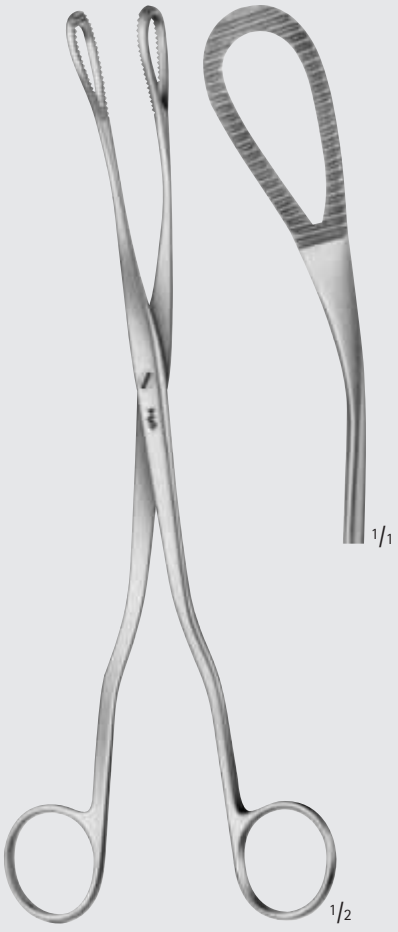
285 mm, 11 1/4"



KELLY

BF135R

320 mm, 12 3/4"



MC CLINTOCK

ET329R

240 mm, 9 1/2"

INCHES
1
2
3
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8

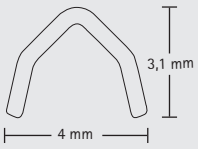
FB

Herz-, Thorax- und Gefäß-Chirurgie
Cardiovascular- and Thoracic Surgery

Herz- und Gefäß-Chirurgie – Cardiovascular Surgery

Titan Ligaturclips und Anlegezangen
Titanium Ligating Clips and Appliers

SMALL



PL565T

Titan-Ligatur-Clips
small (gelb)
Bestelleinheit:
PAK = Packung à
30 Magazine = 180 Stück

Titanium ligating clips
small (yellow)
Sales unit:
PAK = Package of
30 cartridges = 180 pieces

PL566T

Cardiopack
Titan-Ligatur-Clips
small (gelb)
Bestelleinheit:
PAK = Packung à
8 Magazine = 192 Stück

Cardiopack
Titanium ligating clips
small (gelb)
Sales unit:
PAK = Package of
8 cartridges = 192 pieces

FB222R

Clipanlegezange
small (gelb)

Clip applier
small (yellow)

150 mm, 6"

FB223R
25°

FB226R
65°

FB223R–FB226R

Clipanlegezangen
small (gelb)

Clip appliers
small (yellow)

200 mm, 8"

FB224R
25°

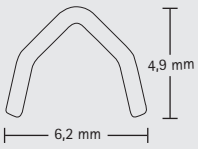
FB227R
65°

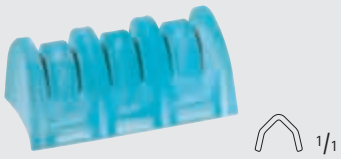
FB224R–FB227R

Clipanlegezangen
small (gelb)

Clip appliers
small (yellow)

280 mm, 11"





PL567T

Titan-Ligatur-Clips
medium (blau)
Bestelleinheit:
PAK = Packung à
30 Magazine = 180 Stück
Titanium ligating clips
medium (blue)
Sales unit:
PAK = Package of
30 cartridges = 180 pieces

FB234R

Clipanlegezange
medium (blau)
Clip applier
medium (blue)
150 mm, 6"

1/1

FB235R
25°

FB238R
65°

1/2

FB235R–FB238R
Clipanlegezangen
medium (blau)
Clip appliers
medium (blau)
200 mm, 8"

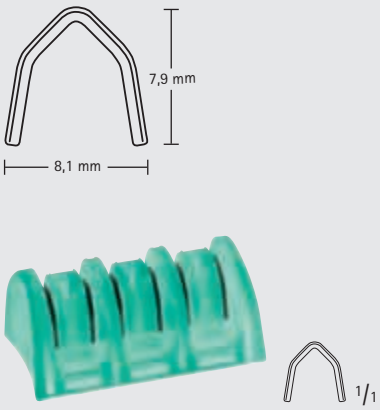
1/1

FB236R
25°

FB239R
65°

1/2

FB236R–FB239R
Clipanlegezangen
medium (blau)
Clip appliers
medium (bleu)
280 mm, 11"



PL568T

Titan-Ligatur-Clips
medium-large (grün)
Bestelleinheit:
PAK= Packung à
20 Magazine = 120 Stück

Titanium ligating clips
medium-large (green)
Sales unit:
PAK= Package of
20 cartridges = 120 pieces

FB240R
25°

FB243R
65°

FB254R
90°

FB240R–FB254R

Clipanlegezangen
medium-large (grün)
Clip appliers
medium-large (green)
200 mm, 8"

1/1

FB242R
25°

FB245R
65°

FB255R
90°

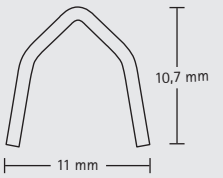
1/2

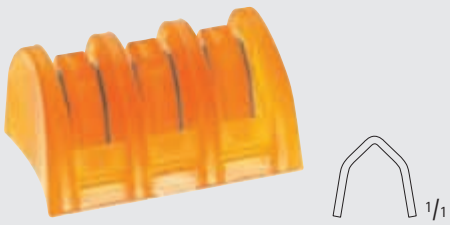
FB242R–FB255R

Clipanlegezangen
medium-large (grün)

Clip appliers
medium-large (green)

280 mm, 11"





PL561T

Titan-Ligatur-Clips
large (orange)
Bestelleinheit:
PAK = Packung à
20 Magazine = 120 Stück

Titanium ligating clips
large (orange)
Sales unit:
PAK = Package of
20 cartridges = 120 pieces

FB246R
25°

FB249R
65°

FB252R
90°

FB246R–FB252R

Clipanlegezangen
large (orange)

Clip appliers
large (orange)

200 mm, 8"

1/1

FB248R
25°

FB251R
65°

FB253R
90°

1/2

FB248R–FB253R

Clipanlegezangen
large (orange)

Clip appliers
large (orange)

280 mm, 11"

Herz- und Gefäß-Chirurgie – Cardiovascular Surgery

Mikro-Federscheren mit Flachggriff

Micro Scissors with Flat Handle

1/1

165 mm, 6 1/2"

	25°	45°	60°	90°	125°	gerade straight	aufgebogen curved on flat
Feines Blatt Fine blade	**FM470R**	**FM471R**	**FM472R**	**FM473R**	1/1 **FM474R**		
Feines Blatt, 1 Blatt mit Knopf Fine blade, with 1 probe pointed blade	**FM451R**	**FM452R**	**FM453R**	**FM454R**	1/1 **FM455R**		
Sehr feines Blatt Delicate blade	**FM437R**	**FM438R**	**FM439R**	**FM440R**	**FM441R**	**FM442R**	1/1 **FM436R**
Extrem feines Blatt Ultra delicate blade	**FM431R**	**FM432R**	**FM433R**	**FM434R**	**FM435R**	**FM444R**	1/1 **FM430R**

Herz- und Gefäß-Chirurgie – Cardiovascular Surgery

Mikro-Federscheren mit Rundgriff

Micro Scissors (Spring Type) with Round Handle

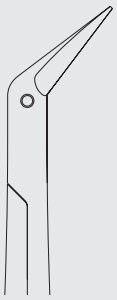
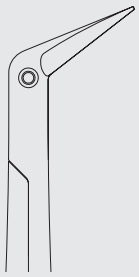
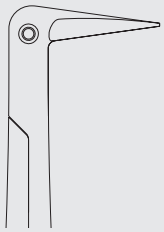
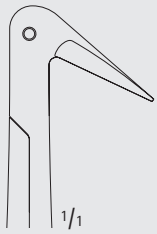
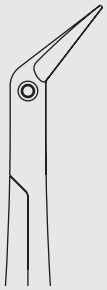
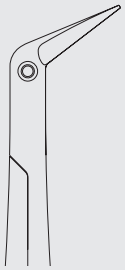
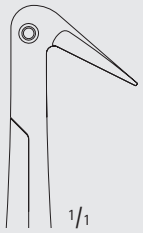
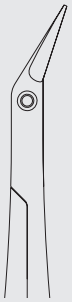
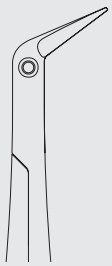
1/1

165 mm, 6 1/2"

	25°	45°	60°	90°	125°	gerade straight	aufgebogen curved on flat
Feines Blatt Fine blade	FM476R	FM477R	FM478R	FM479R	1/1 FM480R		
Sehr feines Blatt Delicate blade	FM482R	FM483R	FM484R	FM485R	FM486R	FM488R	1/1 FM481R
Sehr feines Blatt, 1 Blatt mit Knopf Delicate blade, with 1 probe pointed blade	FM489R	FM490R	FM491R	FM492R	1/1 FM493R		
Extrem feines Blatt Ultra delicate blade	FM504R	FM505R	FM506R	FM507R	FM508R		1/1 FM503R

1/1

DIETHRICH-POTTS
180 mm, 7"

	25°	45°	60°	90°	125°
Standard Blatt Standard blade	**BC522R**	 **BC523R**	 **BC524R**	 **BC525R**	 1/1 **BC526R**
Sehr feines Blatt Delicate blade	**BC531R**	 **BC532R**	 **BC533R**	**BC534R**	 1/1 **BC535R**
Extrem feines Blatt Ultra delicate blade	 **BC515R**	**BC516R**	 **BC517R**	**BC518R**	1/1 **BC519R**

Herz- und Gefäß-Chirurgie – Cardiovascular Surgery

Mikro-Pinzetten mit Rundgriff und Gewicht

Micro Forceps with Round Handles and Counter Balance

1/1
150 mm, 6"

1/1
185 mm, 7 1/4"

1/1
210 mm, 8 1/4"

1/1
230 mm, 9"

1/1
250 mm, 10"

DIADUST

Die Diamantstaubbeschichtung sorgt für eine noch härtere und verschleißfestere Maulinnenfläche. Darüber hinaus garantiert die Struktur der DIADUST-Beschichtung ein zuverlässiges Fassen von feinen Nadeln und Nahtmaterialien sowie von Weichgewebe.

The diamond dust coating ensures an even harder and more wear resistant surface on the inside of the jaws. Moreover, the structure of the DIADUST coating guarantees a reliable grip for fine needles and sutures, as well as for tissue.

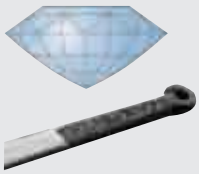
Maulform Jaw	Ring-Ø: 1 mm, gerade diam. of ring: 1 mm, straight	Ring-Ø: 1 mm, gebogen diam. of ring: 1 mm, curved	Ring-Ø: 2 mm, gerade diam. of ring: 2 mm, straight	Fadenplatte, gerade Platform tips, straight	Fadenplatte, gebogen Platform tips, curved	1 mm, DeBakey Zahnung 1 mm, DeBakey tip
Länge (mm) Length (in.)						1/1
150 mm 6"	FM570R	FM571R		FM578R	FM581R	
185 mm 7 1/4"	FM572R	FM573R	FM579R	FM580R	FM583R	FM592R
210 mm 8 1/4"	FM574R	FM575R		FM599R	FM585R	FM600R
230 mm 9"	FM576R	FM577R				
250 mm 10"	FM596R	FM595R		FM594R	FM593R	

Herz- und Gefäß-Chirurgie – Cardiovascular Surgery

Mikro-Pinzetten mit Rundgriff, ohne Gewicht

Micro Forceps with Round Handles, without Counter Balance

DIADUST



Die Diamantstaubbeschichtung sorgt für eine noch härtere und verschleißfestere Maulinnenfläche. Darüber hinaus garantiert die Struktur der DIADUST-Beschichtung ein zuverlässiges Fassen von feinen Nadeln und Nahtmaterialien sowie von Weichgewebe.

The diamond dust coating ensures an even harder and more wear resistant surface on the inside of the jaws. Moreover, the structure of the DIADUST coating guarantees a reliable grip for fine needles and sutures, as well as for tissue.

1/1
185 mm, 7 1/4"

1/1
210 mm, 8 1/4"

FB

Maulform Jaw	Ring-Ø: 1 mm, gerade diam. of ring: 1 mm, straight	Ring-Ø: 1 mm, gebogen diam. of ring: 1 mm, curved	Ring-Ø: 1 mm mit Fadenplatte diam. of ring: 1 mm with platform tip	Fadenplatte, gerade Platform tip, straight	1 mm, DeBakey Zahnung 1 mm, DeBakey tip
Länge (mm) Length (in.)					1/1
185 mm 7 1/4"	FM597R	FM587R	FM582R	FM586R	FM590R
210 mm 8 1/4"	FM598R	FM589R	FM584R	FM588R	FM591R

1/1

Karoprofil
cross serrated

1/2

FM063R

Rundgriff
round handle
200 mm, 8"

DIADUST

FM053R
Ring-Ø: 2,5 mm
diam. of ring: 2.5 mm
180 mm
7"

1/1

FM054R
Ring-Ø: 2,5 mm
diam. of ring: 2.5 mm
200 mm
8"

FM053R-FM054R

Rundgriff
round handle

Herz- und Gefäß-Chirurgie – Cardiovascular Surgery

Mikro-Pinzetten mit Flachgriff

Micro Forceps with Flat Handle

1/1
180 mm, 7"

1/1
200 mm, 8"

1/1
250 mm, 10"

DIADUST

Die Diamantstaubbeschichtung sorgt für eine noch härtere und verschleißfestere Maulinnenfläche. Darüber hinaus garantiert die Struktur der DIADUST-Beschichtung ein zuverlässiges Fassen von feinen Nadeln und Nahtmaterialien sowie von Weichgewebe.

The diamond dust coating ensures an even harder and more wear resistant surface on the inside of the jaws. Moreover, the structure of the DIADUST coating guarantees a reliable grip for fine needles and sutures, as well as for tissue.

Maulform Jaw	1 mm, Karoprofil 1 mm, cross serrated	1 mm, DeBakey Zahnung 1 mm, DeBakey tip	Ring-Ø: 1 mm, gerade diam. of ring: 1 mm, straight	Ring-Ø: 1 mm, gebogen diam. of ring: 1 mm, curved	1 mm, gerade 1 mm, straight
Länge (mm) Length (in.)					1/1
180 mm 7"	BD190R	BD191R	BD192R	BD193R	BD194R
200 mm 8"		BD195R			BD196R
250 mm 10"	BD197R				

Herz- und Gefäß-Chirurgie – Cardiovascular Surgery

DIADUST Mikro-Nadelhalter mit Rundgriff

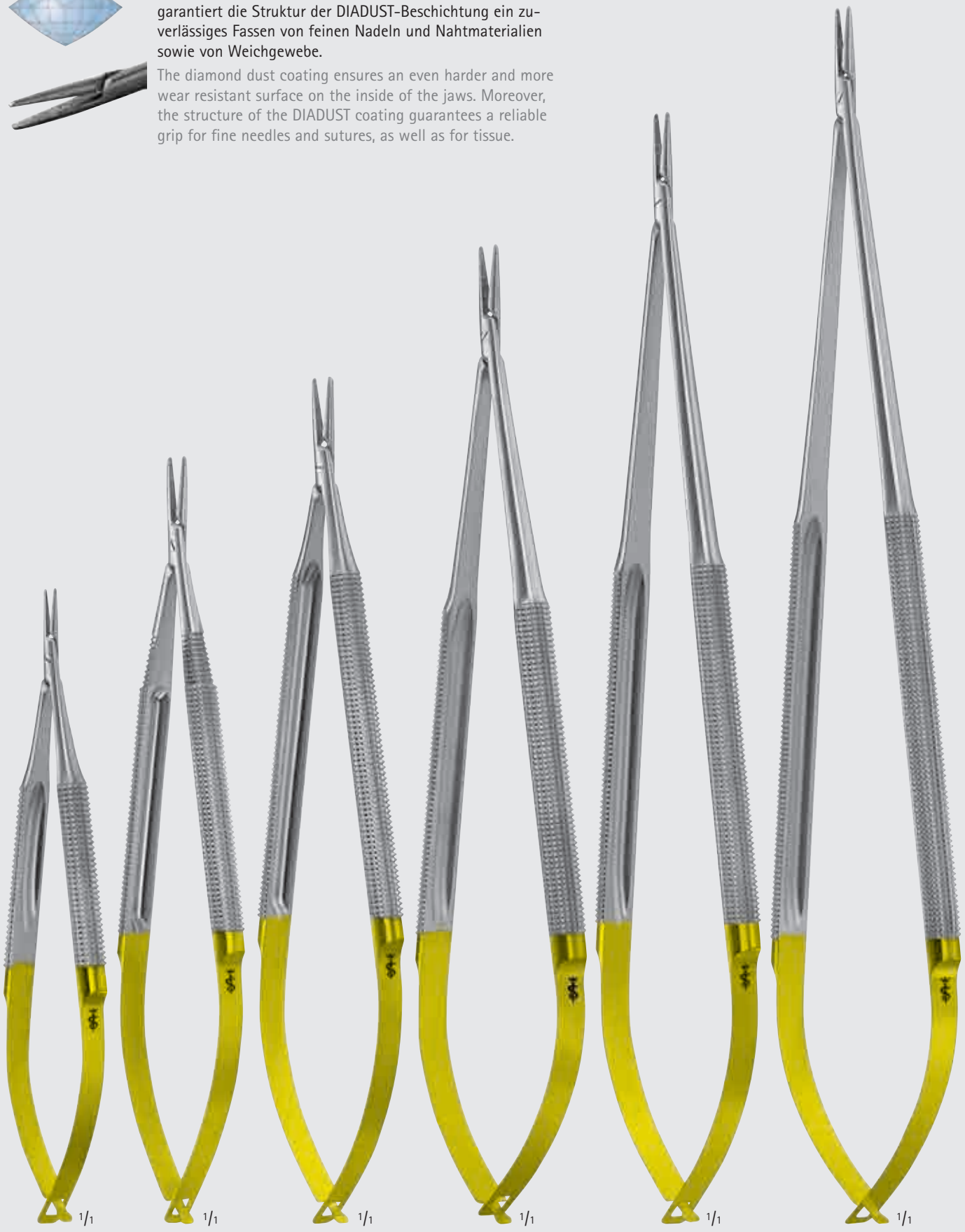
DIADUST Micro Needle Holders with Round Handle

DIADUST

DIADUST

Die Diamantstaubbeschichtung sorgt für eine noch härtere und verschleißfestere Maulinnenfläche. Darüber hinaus garantiert die Struktur der DIADUST-Beschichtung ein zuverlässiges Fassen von feinen Nadeln und Nahtmaterialien sowie von Weichgewebe.

The diamond dust coating ensures an even harder and more wear resistant surface on the inside of the jaws. Moreover, the structure of the DIADUST coating guarantees a reliable grip for fine needles and sutures, as well as for tissue.



1/1 120 mm, 4 3/4"

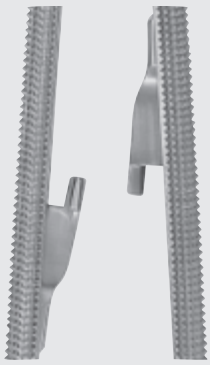
1/1 145 mm, 5 3/4"

1/1 160 mm, 6 1/4"

1/1 185 mm, 7 1/4"

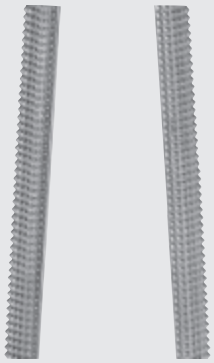
1/1 210 mm, 8 1/4"

1/1 230 mm, 9"



mit Sperre
with ratchet

Länge (mm) Length (in.)	1/1 Nahtmaterialgröße Suture size: 7/0 und kleiner 7/0 and smaller	1/1: 5/0 und kleiner 5/0 and smaller	1/1: 4/0 und kleiner 4/0 and smaller	1/1: 4/0 und kleiner 4/0 and smaller
120 mm 4 3/4"	FM520R			
145 mm 5 3/4"		FM522R		
160 mm 6 1/4"	FM521R	FM523R		
185 mm 7 1/4"	FM563R	FM564R	FM218R	
210 mm 8 1/4"	FM565R	FM566R	FM228R	FM221R
230 mm 9"	FM567R	FM568R	FM230R	FM223R



ohne Sperre
without ratchet

Länge (mm) Length (in.)	1/1 Nahtmaterialgröße Suture size: 7/0 und kleiner 7/0 and smaller	1/1: 5/0 und kleiner 5/0 and smaller
120 mm 4 3/4"	FM524R	
145 mm 5 3/4"		FM528R
160 mm 6 1/4"	FM525R	FM529R
185 mm 7 1/4"	FM526R	FM530R
210 mm 8 1/4"	FM527R	FM531R
230 mm 9"	FM532R	FM533R

Herz- und Gefäß-Chirurgie – Cardiovascular Surgery

DIADUST Mikro-Nadelhalter mit Rundgriff

DIADUST Micro Needle Holders with Round Handle

DIADUST

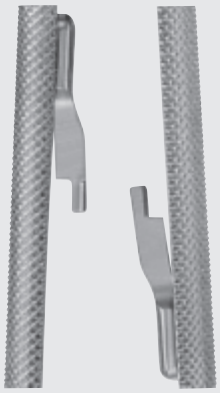
Die Diamantstaubbeschichtung sorgt für eine noch härtere und verschleißfestere Maulinnenfläche. Darüber hinaus garantiert die Struktur der DIADUST-Beschichtung ein zuverlässiges Fassen von feinen Nadeln und Nahtmaterialien sowie von Weichgewebe.

The diamond dust coating ensures an even harder and more wear resistant surface on the inside of the jaws. Moreover, the structure of the DIADUST coating guarantees a reliable grip for fine needles and sutures, as well as for tissue.

1/1
190 mm, 7 1/2"

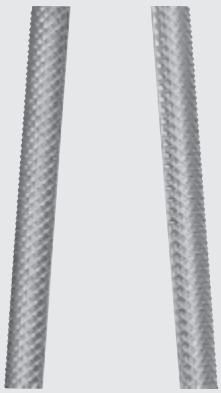
1/1
230 mm, 9"

1/1
250 mm, 10"



mit Sperre, kräftige Ausführung
with ratchet, heavy style

Länge (mm) Length (in.)	1/1 Nahtmaterialgröße Suture size 2/0 und kleiner 2/0 and smaller
190 mm 7 1/2"	FM538R
230 mm 9"	FM539R
250 mm 10"	FM534R



ohne Sperre, kräftige Ausführung
without ratchet, heavy style

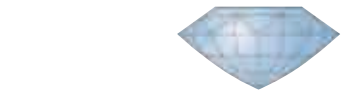
Länge (mm) Length (in.)	1/1 Nahtmaterialgröße Suture size 2/0 und kleiner 2/0 and smaller
190 mm 7 1/2"	FM535R
230 mm 9"	FM536R
250 mm 10"	FM537R

Herz- und Gefäß-Chirurgie – Cardiovascular Surgery

DIADUST Mikro-Nadelhalter mit Flachgriff

DIADUST Micro Needle Holders with Flat Handles

DIADUST

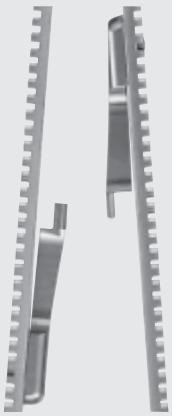


DIADUST

Die Diamantstaubbeschichtung sorgt für eine noch härtere und verschleißfestere Maulinnenfläche. Darüber hinaus garantiert die Struktur der DIADUST-Beschichtung ein zuverlässiges Fassen von feinen Nadeln und Nahtmaterialien sowie von Weichgewebe.

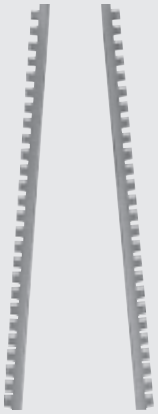
The diamond dust coating ensures an even harder and more wear resistant surface on the inside of the jaws. Moreover, the structure of the DIADUST coating guarantees a reliable grip for fine needles and sutures, as well as for tissue.

1/1	1/1	1/1	1/1	1/1
145 mm, 5 3/4"	170 mm, 6 3/4"	185 mm, 7 1/4"	210 mm, 8 1/4"	230 mm, 9"



mit Sperre
with ratchet

Länge (mm) Length (in.)	1/1 Nahtmaterialgröße Suture size: 7/0 und kleiner 7/0 and smaller	1/1 Nahtmaterialgröße Suture size: 5/0 und kleiner 5/0 and smaller
145 mm 5 3/4"		FM541R
170 mm 6 3/4"	FM540R	
185 mm 7 1/4"		FM542R
210 mm 8 1/4"		FM543R
230 mm 9"		FM544R



ohne Sperre
without ratchet

Länge (mm) Length (in.)	1/1 Nahtmaterialgröße Suture size: 7/0 und kleiner 7/0 and smaller	1/1 Nahtmaterialgröße Suture size: 5/0 und kleiner 5/0 and smaller
145 mm 5 3/4"		FM546R
170 mm 6 3/4"	FM545R	
185 mm 7 1/4"		FM547R
210 mm 8 1/4"		FM548R
230 mm 9"		FM549R

Herz- und Gefäß-Chirurgie – Cardiovascular Surgery

DIADUST Mikro-Nadelhalter mit Flachgriff

DIADUST Micro Needle Holder with Flat Knurled Handle

DIADUST

DIADUST

Die Diamantstaubbeschichtung sorgt für eine noch härtere und verschleißfestere Maulinnenfläche. Darüber hinaus garantiert die Struktur der DIADUST-Beschichtung ein zuverlässiges Fassen von feinen Nadeln und Nahtmaterialien sowie von Weichgewebe.

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1/1

185 mm, 7 1/4"

1/1

210 mm, 8 1/4"

1/1

230 mm, 9"

		1/1
		Nahtmaterialgröße Suture size
mit Sperre with ratchet	Länge (mm) Length (in.)	5/0 und kleiner 5/0 and smaller
	185 mm 7 1/4"	**FM550R**
	210 mm 8 1/4"	**FM551R**
	230 mm 9"	**FM552R**

		1/1
		Nahtmaterialgröße Suture size
ohne Sperre without ratchet	Länge (mm) Length (in.)	5/0 und kleiner 5/0 and smaller
	185 mm 7 1/4"	**FM553R**
	210 mm 8 1/4"	**FM554R**
	230 mm 9"	**FM555R**

Herz- und Gefäß-Chirurgie – Cardiovascular Surgery

DIADUST Mikro-Nadelhalter
DIADUST Micro Needle Holders

DIADUST

Die Diamantstaubbeschichtung sorgt für eine noch härtere und verschleißfestere Maulinnenfläche. Darüber hinaus garantiert die Struktur der DIADUST-Beschichtung ein zuverlässiges Fassen von feinen Nadeln und Nahtmaterialien sowie von Weichgewebe.

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DIADUST

GLASSER

FM560R

Nahtmaterialgröße: 5/0 und kleiner
Suture size: 5/0 and smaller
125 mm, 5"

GLASSER

FM561R

Nahtmaterialgröße: 5/0 und kleiner
Suture size: 5/0 and smaller
180 mm, 7"

FM236R

mit Sperre
Nahtmaterialgröße: 5/0 und kleiner
with ratchet
Suture size: 5/0 and smaller
210 mm, 8 1/4"

FM276R

ohne Sperre
Nahtmaterialgröße: 5/0 und kleiner
without ratchet
Suture size: 5/0 and smaller
210 mm, 8 1/4"

BM301R	BM325R	BM302R	BM327R	BM328R
140 mm	160 mm	180 mm	220 mm	250 mm
5 1/2"	6 1/4"	7"	8 3/4"	10"

RYDER

BM301R–BM328R

Nahtmaterialgröße: 5/0 und kleiner
Suture Size: 5/0 and smaller

Herz- und Gefäß-Chirurgie – Cardiovascular Surgery

Spezialinstrumentarium für die Anlage von AV-Shunts bei Dialysepatienten

Instruments for Shunt Operations

Die Shunt Instrumente wurden speziell für Operationen an Gefäßen mit einem Durchmesser zwischen 4 und 6 mm entwickelt.
Besonders häufig tritt dieser Gefäßdurchmesser bei der Anlage oder Revision Dialyseshunts auf. Bei den vorliegenden Instrumenten handelt es sich um eine Synthese von konventionellen Instrumenten und Mikroinstrumenten. Die Arbeitsenden wurden entsprechend dem Gefäßdurchmesser etwas größer gewählt, das Griffdesign entspricht einem Mikroinstrument um eine bessere Handhabung zu ermöglichen.

The shunt instruments were developed especially for operations on vessels that are between 4 and 6 mm in diameter.
This width is frequently found in dialysis shunt operations and re-operations. These instruments combine the features of conventional instruments and micro instruments. The working tips are larger than usual for instruments of this type, and the micro instrument style handles make the instruments better to use.

Entwickelt in Zusammenarbeit mit
Prof. Dr. med. Gottfried Müller
Caritas Krankenhaus Bad Mergentheim
Uhlandstrasse 7
97980 Bad Mergentheim

The shunt set was developed in cooperation with
Prof. Dr. med. Gottfried Müller, M.D.
Caritas Krankenhaus Bad Mergentheim
Uhlandstrasse 7
97980 Bad Mergentheim

1/1

spitz
sharp

1/2

FM042R

Mikro-Schere
Micro scissors
180 mm, 7"

1/1

FD251R
spitz
sharp

FD252R
spitz/spitz,
1 Blatt
gezahnt
sharp/sharp,
1 blade
serrated

1/2

FD251R-FD252R

Mikro-Scheren
Micro scissors
180 mm, 7"

1/1

1 Blatt
mit Knopf
1 blade
probe
pointed

1/2

FM043R

Mikro-Schere
Micro scissors
180 mm, 7"

1/2

BV059R

Wundspreizer
Self-retaining retractor
120 mm, 4 3/4"

1/1

Ring-Ø: 2 mm
diam. of ring: 2 mm

FM047R
Mikro-Ringpinzette
Micro ring forceps
180 mm, 7"

1/2

DIADUST

1/1

Ring-Ø: 1 mm
diam. of ring: 1 mm

FM572R
Mikro-Ringpinzette
Micro ring forceps
185 mm, 7 1/4"

1/2

DIADUST

2/1

1/2

FD255R
Chirurgische Mikro-Pinzette
Micro tissue forceps
180 mm, 7"

DIADUST

1/1
mit Plateau
with platform tip

1/2

FD253R
Anatomische Mikro-Pinzette
Micro dissecting forceps
180 mm, 7"

DIADUST

1/1

FD258R **FD259R**

1/2

FD258R-FD259R
Mikro-Nadelhalter
Micro needle holders
180 mm, 7"

MILLIMETERS

Herz- und Gefäß-Chirurgie – Cardiovascular Surgery

Mikro-Nadelhalter mit Flachgriff
Micro Needle Holders with Flat Handles

BM563R

BM564R

CASTROVIEJO

BM563R-BM564R

mit Sperre
with catch
145 mm, 5 3/4"

FD076R

FD079R

FD076R-FD079R

ohne Sperre
without catch
160 mm, 6 1/4"

FD080R

FD081R

FD080R-FD081R

ohne Sperre
without catch
185 mm, 7 1/4"

FD045R
ohne Sperre
without catch

FD046R
mit Sperre
with catch

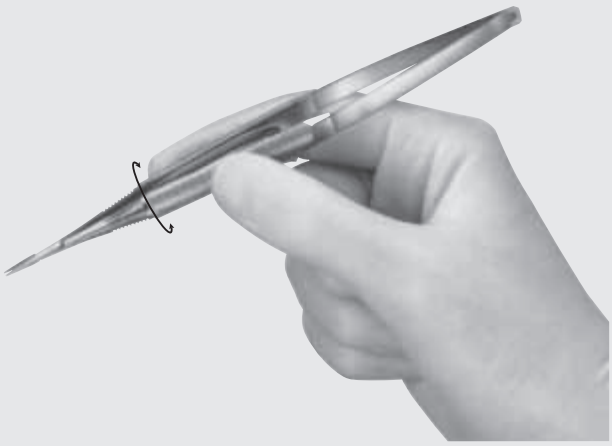
JACOBSON

FD045R-FD046R

185 mm, 7 1/4"

FD048R

mit Sperre
with catch
200 mm, 8"



... mit Rundgriffen
- Rundgriffe erlauben Drehbewegungen zwischen den Fingern.
- Optimale Balance, individuell je nach Instrument, durch volle oder gehöhlte Griffpartien.

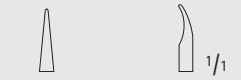
... with round handles
- Round handles allow turning manipulations between the fingers.
- Optimum balance individually for each instrument due to solid or hollowed-out handles.

BM560R	BM562R
115 mm 4 1/2"	120 mm 4 3/4"

BARRAQUER

BM560R-BM562R

ohne Sperre
without catch

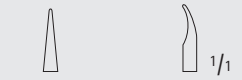


FD230R	FD231R

BARRAQUER

FD230R-FD231R

ohne Sperre
without catch
120 mm, 4 3/4"



FD232R	FD233R

BARRAQUER

FD232R-FD233R

mit Sperre
with catch
120 mm, 4 3/4"

Herz- und Gefäß-Chirurgie – Cardiovascular Surgery

Mikro-Nadelhalter mit Rundgriffen
Micro Needle Holders with Round Handles

FD240R **FD241R**

REILL

FD240R-FD241R

ohne Sperre
without catch
150 mm, 6"

FD242R **FD243R**

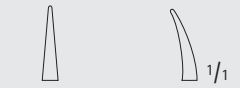
FD242R-FD243R

mit Sperre
with catch
150 mm, 6"

FD244R **FD245R**

FD244R-FD245R

ohne Sperre
without catch
185 mm, 7 1/4"



FD246R **FD247R**

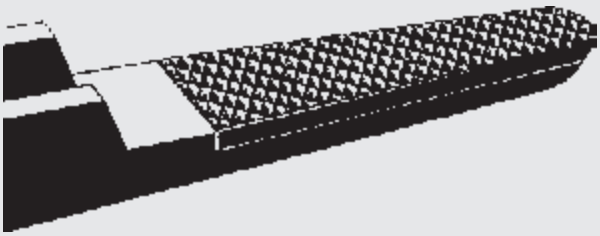
FD246R-FD247R

mit Sperre
with catch
185 mm, 7 1/4"

FM398R
ohne Sperre
without catch

FM392R
mit Sperre
with catch

FM398R-FM392R



glatt 0,2 0,4 0,5
smooth

AESCULAP-Nadelhalter sind durch die Struktur der Hartmetall-Maulteile auf das jeweilige, indikationsbezogene Nahtmaterial abgestimmt. Eine glatte Maulfläche sowie 3 verschiedene Haftprofile garantieren den sicheren „Griff" der jeweiligen Nadel.

AESCULAP needle holders have jaws with carbide inserts and according to the use required the resp. structure can be chosen. A smooth jaw surface as well as 3 different serrations guarantee a sure „grip" of the resp. needle.

Wir empfehlen Hartmetall-Maulteile

mit glatter Fläche	für Nahtmaterial	9/0 – 11/0
mit Teilung	0,2 mm für Nahtmaterial	6/0 – 10/0
	0,4 mm	4/0 – 6/0
	0,5 mm	bis 3/0

We recommend carbide inserts

with smooth jaw surface	for suture material	9/0 – 11/0
with 0.2 mm pitch of serration	for suture material	6/0 – 10/0
0.4 mm		4/0 – 6/0
0.5 mm		up to 3/0

DUROGRIP®-Nadelhalter mit Hartmetall-Plättchen
Kennzeichnung:
Vergoldete Ringe, Branchenenden und Sperren
DUROGRIP® Needle Holders with carbide inserts
Identification:
gold-plated rings, handle ends and ratchets

1/1
mit glattem Maul
with smooth jaw

1/2

CASTROVIEJO

BM001R

145 mm, 5 3/4"

1/1
0,2

1/2

CASTROVIEJO

BM002R

145 mm, 5 3/4"

1/1
0,4

1/2

BM003R

170 mm, 6 3/4"

Herz- und Gefäß-Chirurgie – Cardiovascular Surgery

DUROGRIP® Mikro-Nadelhalter
DUROGRIP® Micro Needle Holders

CASTROVIEJO

BM004R

180 mm, 7"

CASTROVIEJO

BM005R

215 mm, 8 1/2"

FM388R

mit Sperre
with catch
180 mm, 7"

FM390R

mit Sperre
with catch
200 mm, 8"

Diese Instrumente bieten dem Chirurgen ein Maximum an ergonomischem Komfort. Das optimierte Design der Instrumente ermöglicht ein ermüdungsfreies Arbeiten insbesondere bei schwierigen Naht- und Anastomostechniken.

These instruments provide the surgeon with a maximum of ergonomical comfort. The optimized design of the Instruments offers a fatigue-free working especially with regard to difficult suture and anastmosis techniques.

HELLBERG-KUPKA

BM320R

mit Anreichsperre
with locking ratchet
210 mm, 8 1/4"

REIN-KUPKA

BM310R

ohne Sperre
without ratchet
190 mm, 7 1/2"

REIN-KUPKA

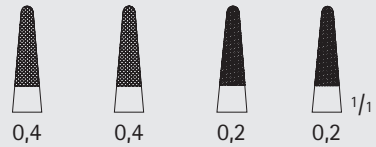
BM311R

mit Sperre
with ratchet
190 mm, 7 1/2"

Herz- und Gefäß-Chirurgie – Cardiovascular Surgery

DUROGRIP® Nadelhalter
DUROGRIP® Needle Holders

»grazil«



0,4	0,4	0,2	0,2
BM033R	**BM034R**	**BM063R**	**BM064R**
165 mm	210 mm	165 mm	210 mm
6 1/2"	8 1/4"	6 1/2"	8 1/4"

DE BAKEY

BM033R-BM064R

sehr fein

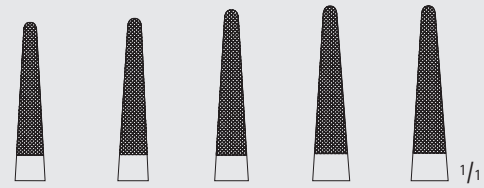
very delicate

0,2	0,2	0,2
BM025R	**BM026R**	**BM027R**
180 mm	200 mm	230 mm
7"	8"	9"

BM025R-BM027R

sehr fein

very delicate



0,4	0,4	0,4	0,4	0,4
BM032R	**BM035R**	**BM036R**	**BM037R**	**BM038R**
150 mm	180 mm	230 mm	250 mm	305 mm
6"	7"	9"	10"	12"

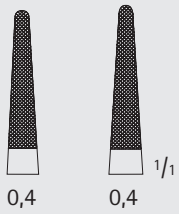
DE BAKEY

BM032R-BM038R

DE BAKEY

BM040R

schlankes Modell
slender pattern
305 mm, 12"



BM051R	BM052R
195 mm	245 mm
7 3/4"	9 3/4"

DE BAKEY

BM051R-BM052R

Ringe griffgünstig abgesetzt
und gebogen
one extended handle and curved
rings ensure optimum grip

Herz- und Gefäß-Chirurgie – Cardiovascular Surgery

DUROGRIP® Nadelhalter
DUROGRIP® Needle Holders

Diese Spezialmodelle mit extra schmalen Mäulern eignen sich für atraumatische Nadeln und für feine Gefäßnadeln.

These special patterns with extremely fine jaws are suitable for holding non-traumatic needles and fine vein needles.

1/1

BM074R	BM075R	BM076R
150 mm	180 mm	230 mm
6"	7"	9"

RYDER

BM074R-BM076R

mit glattem Maul

with smooth jaws

1/1

0,4

1/2

BM184R

200 mm, 8"

Diese Spezialmodelle mit extra schmalen Mäulern eignen sich für atraumatische Nadeln und für feine Gefäßnadeln.

These special patterns with extremely fine jaws are suitable for holding non-traumatic needles and fine vein needles.

»grazil«

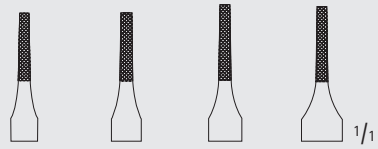
	0,2	0,2	0,2	0,2	0,2
	BM054R	BM055R	BM056R	BM057R	BM058R
	135 mm	155 mm	175 mm	210 mm	230 mm
	5 1/4"	6"	7"	8 1/4"	9"

RYDER

BM054R-BM058R

sehr fein

very delicate



	0,4	0,4	0,4	0,4
	BM044R	BM045R	BM046R	BM047R
	135 mm	175 mm	195 mm	265 mm
	5 1/4"	7"	7 3/4"	10 1/2"

RYDER

BM044R-BM047R

DE BAKEY

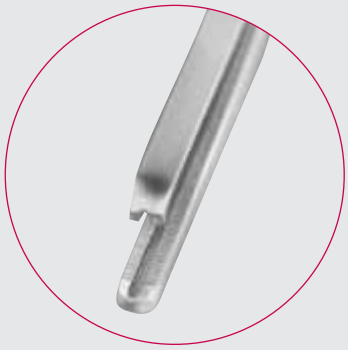
1 : 2 Zahnreihen

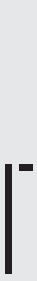
1 : 2 rows of teeth

DE BAKEY

2 : 3 Zahnreihen

2 : 3 rows of teeth

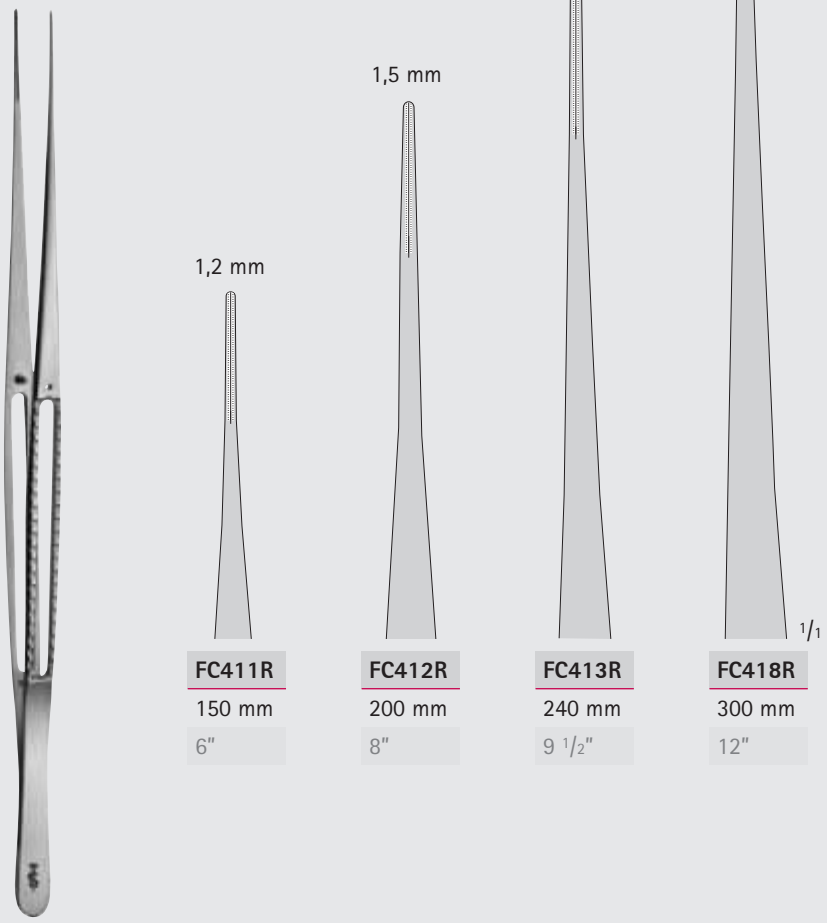




COOLEY

2 : 2 Zahnreihen

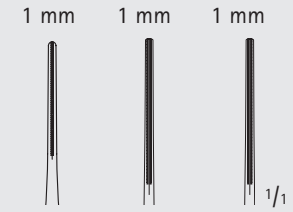
2 : 2 rows of teeth



FC411R	FC412R	FC413R	FC418R
150 mm	200 mm	240 mm	300 mm
6"	8"	9 1/2"	12"

DE BAKEY

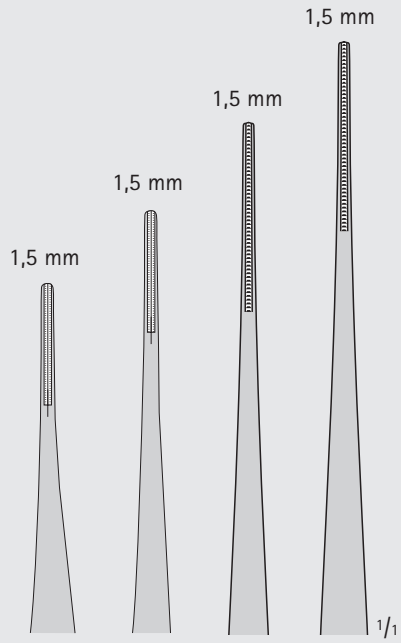
FC411R-FC418R



FB394R	FB395R	FB396R
150 mm	195 mm	240 mm
6"	7 3/4"	9 1/2"

DE BAKEY

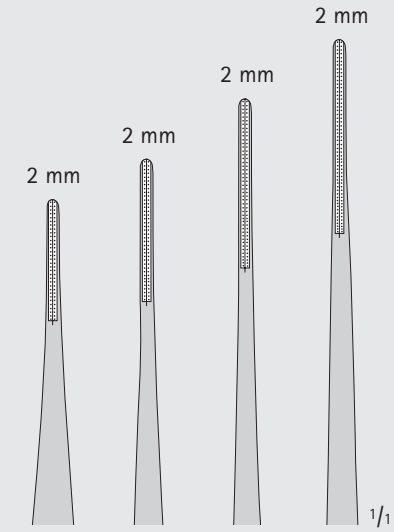
FB394R–FB396R



FB411R	FB412R	FB418R	FB419R
150 mm	200 mm	240 mm	300 mm
6"	8"	9 1/2"	12"

DE BAKEY

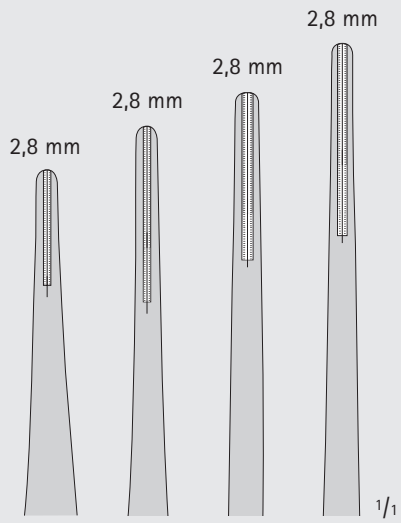
FB411R–FB419R



FB400R	FB402R	FB404R	FB405R
150 mm	200 mm	240 mm	300 mm
6"	8"	9 1/2"	12"

DE BAKEY

FB400R–FB405R

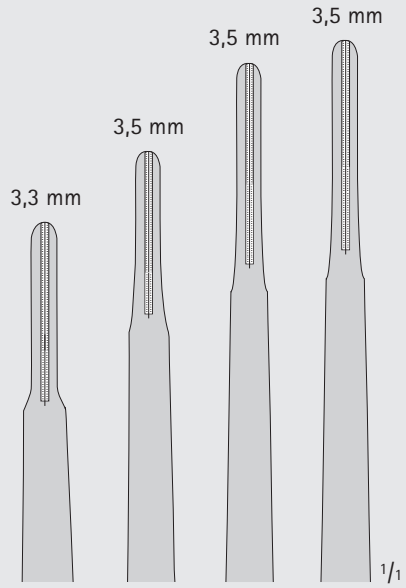


FB414R	FB415R	FB416R	FB417R
150 mm	200 mm	240 mm	300 mm
6"	8"	9 1/2"	12"

DE BAKEY

FB414R–FB417R

INCHES



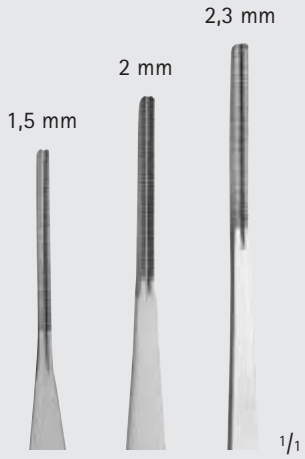
FB406R	FB407R	FB408R	FB409R
200 mm	240 mm	300 mm	350 mm
8"	9 1/2"	12"	14"

DE BAKEY

FB406R–FB409R

COOLEY Zahnung

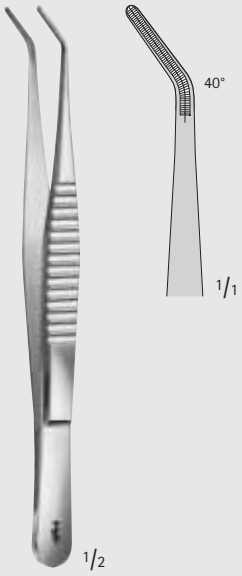
Toothing COOLEY



FB784R	FB785R	FB786R
150 mm	195 mm	240 mm
6"	7 3/4"	9 1/2"

COOLEY

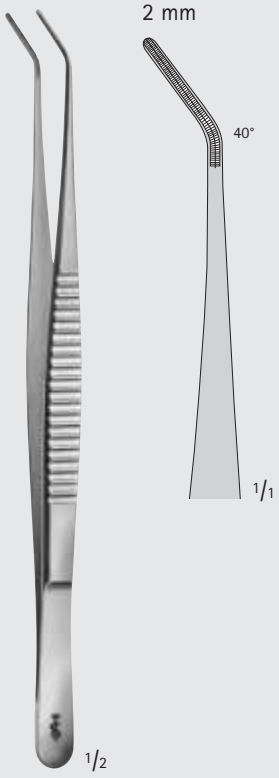
FB784R–FB786R



DE BAKEY

FB401R

150 mm, 6"



DE BAKEY

FB403R

200 mm, 8"

COOLEY

BD250R

200 mm, 8"

Herz- und Gefäß-Chirurgie – Cardiovascular Surgery

Gefäßclips
Vascular Clips

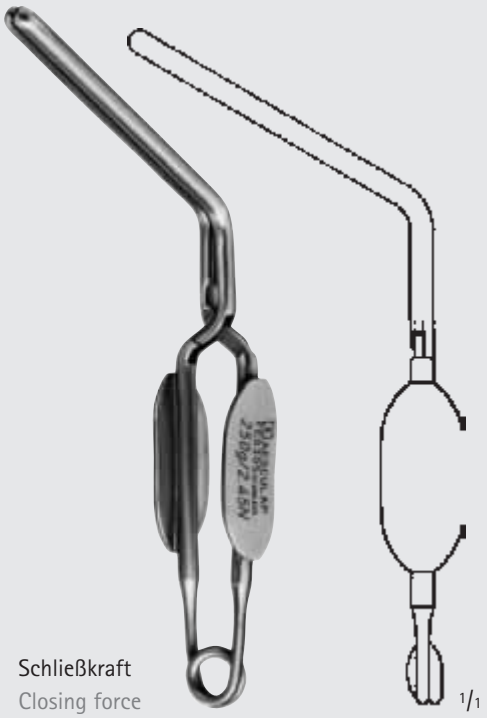
FB

Gefäßclips nach MÜLLER

Merkmale:
- Atraumatisches Maulprofil
- Beidseitig angebrachte Griffplateaus zum sicheren Anlegen und Abnehmen des Clips.
- Exakt definierter Schließdruck für arterielle und venöse Gefäße.
- Gefäßclips eindeutig mit Schließdruck gekennzeichnet.
- Geschlossener Maulkasten zur sicheren Maulführung. Kein ungewolltes Verfangen des Fadens möglich.

MÜLLER Vascular Clips

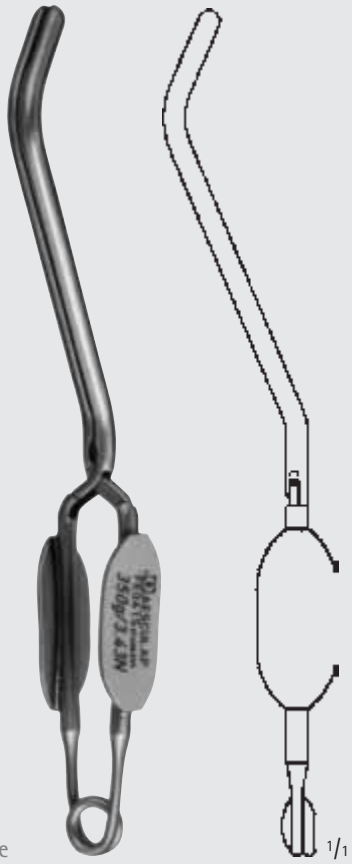
Features:
- Atraumatic mouth profile
- Handle plateau mounted on both sides for secure application and removal of the clip.
- Exactly definied closing pressure for arterial and venous vessels.
- Vascular clips are clearly marked with closing pressure.
- Closed mouth box guarantees precise guidance of the working tips. No risk of threads getting tangled up in clip.



Schließkraft
Closing force

1/1

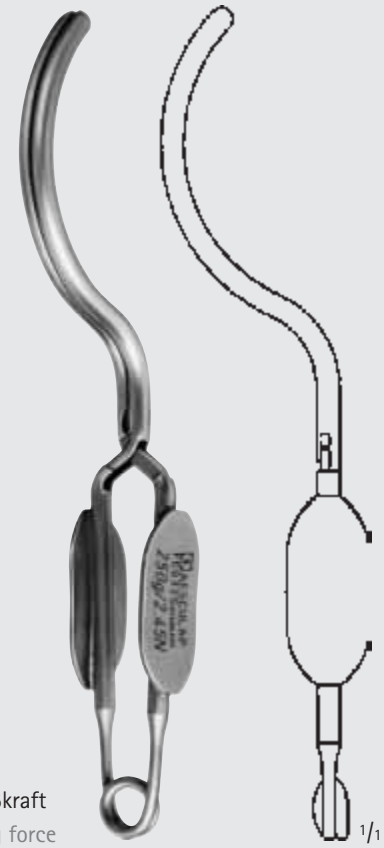
	MÜLLER
250 g	**FE030S**
350 g	**FE040S**
	gerade straight



Schließkraft
Closing force

1/1

	MÜLLER
250 g	**FE031S**
350 g	**FE041S**
	gebogen curved



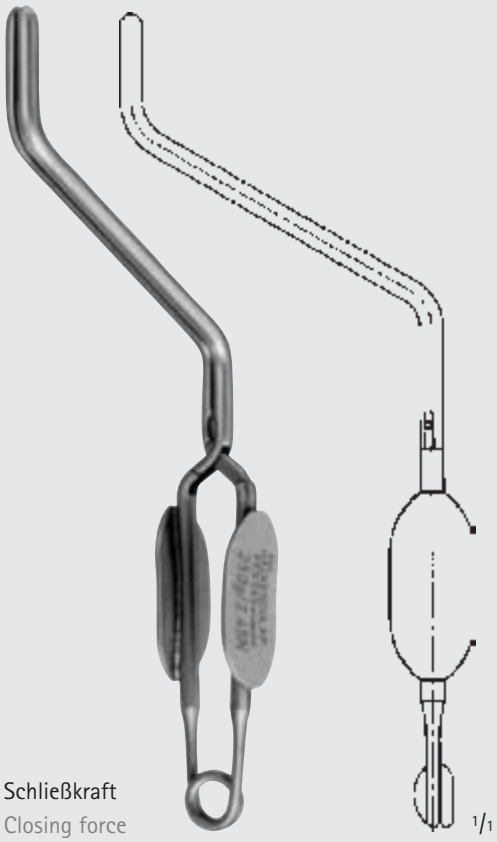
Schließkraft
Closing force

1/1

MÜLLER

250 g	**FE032S**
350 g	**FE042S**

Spitze gebogen
curved tips



Schließkraft
Closing force

1/1

MÜLLER

250 g	**FE034S**
350 g	**FE044S**

kniegebogen
knee-bent

Herz- und Gefäß-Chirurgie – Cardiovascular Surgery

Bulldogklemmen
Bulldog Clamps

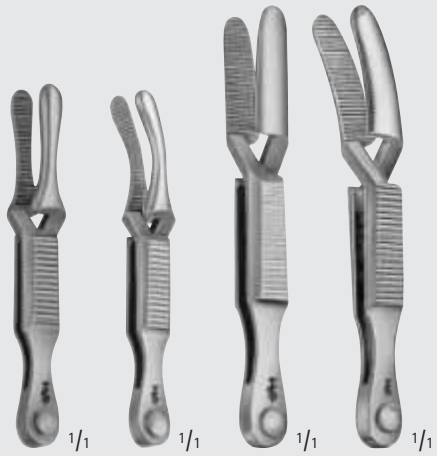
JOHNS-HOPKINS

BH018R

Zange zum Anlegen und Abnehmen der Bulldogklemmen BH011R - BH031R und FB420R - FB427R

Forceps for applying and removing bulldog clamps BH011R - BH031R and FB420R - FB427R

240 mm, 9 3/4"



BH020R **BH021R** **BH026R** **BH027R**
BH022R **BH023R**

DIEFFENBACH

	Gesamtlänge: Total length:	Maullänge: Jaw length:
BH020R	38 mm, 1 1/2"	12 mm, 1/2"
BH022R	48 mm, 2"	16 mm, 5/8"
BH021R	38 mm, 1 1/2"	12 mm, 1/2"
BH023R	48 mm, 2"	16 mm, 5/8"
BH026R	58 mm, 2 1/8"	16 mm, 5/8"
BH027R	58 mm, 2 1/8"	16 mm, 5/8"

BH011R-BH017R

JOHNS-HOPKINS

	Gesamtlänge Total length:	Maullänge: Jaw length:
BH011R	38 mm, 1 1/2"	12 mm, 1/2"
BH012R	48 mm, 2"	17 mm, 5/8"
BH013R	56 mm, 2 1/8"	25 mm, 1"
BH014R	63 mm, 2 1/2"	30 mm, 1 3/16"
BH015R	70 mm, 2 3/4"	33 mm, 1 1/4"
BH016R	80 mm, 3 1/8"	42 mm, 1 3/4"
BH017R	91 mm, 3 1/2"	52 mm, 2"

1/1

DE BAKEY-HESS

	BH030R
Gesamtlänge:	34 mm
Total length:	1 3/8""
Maullänge:	20 mm
Jaw length:	3/4"

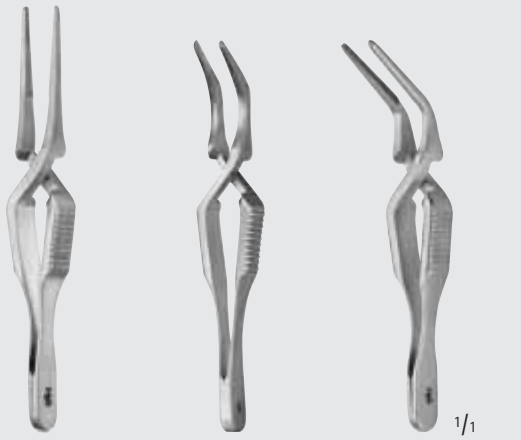
1/1

	FB328R	FB329R	FB330R	FB331R
Gesamtlänge:	35 mm	35 mm	45 mm	45 mm
Total length:	1 3/8"	1 3/8"	1 3/4"	1 3/4"
Maullänge:	14 mm	14 mm	19 mm	19 mm
Jaw length:	1/2"	1/2"	3/4"	3/4"

1/1

DE BAKEY-HESS

	BH031R
Gesamtlänge:	43 mm
Total length:	1 7/10"
Maullänge:	30 mm
Jaw length:	1 3/16"


1/1

	DIETHRICH MB285R	DIETHRICH BH032R	DIETHRICH BH034R
Gesamtlänge:	55 mm	48 mm	48 mm
Total length:	2 1/8"	1 7/8"	1 7/8"
Maullänge	13 mm	10 mm	13 mm
Jaw length:	1/2"	3/8"	1/2"

Herz- und Gefäß-Chirurgie – Cardiovascular Surgery

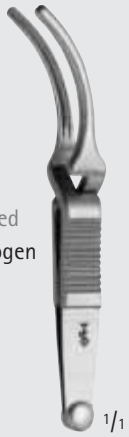
Bulldogklemmen
Bulldog Clamps

Mini-Bulldogklemmen
Schließdruck 180 g
Mini-bulldog clamps
Closing force 180 g

gerade
straight

gewinkelt, 55°
angled, 55°

curved
gebogen



	FB362R	FB364R	FB366R	FB363R	FB365R	FB367R	FB369R
Gesamtlänge:	50 mm	55 mm	60 mm	50 mm	50 mm	55 mm	55 mm
Total length:	2"	2 1/8"	2 3/8"	2"	2"	2 1/8"	2 1/8"
Maullänge:	10 mm	14 mm	20 mm	10 mm	14 mm	20 mm	20 mm
Jaw length:	3/8"	1/2"	3/4"	3/8"	1/2"	3/4"	3/4"

	DE BAKEY FB352R	DE BAKEY FB353R	GLOVER FB431R	DE BAKEY FB357R	DE BAKEY FB358R	DE BAKEY FB359R
Gesamtlänge:	50 mm	48 mm	52 mm	73 mm	99 mm	95 mm
Total length:	2"	2"	2"	2 3/4"	4"	3 1/2"
Maullänge:	27 mm	27 mm	35 mm	38 mm	63 mm	54 mm
Jaw length:	1 1/8"	1 1/8"	1 1/3"	1 1/2"	2 1/2"	2 1/8"

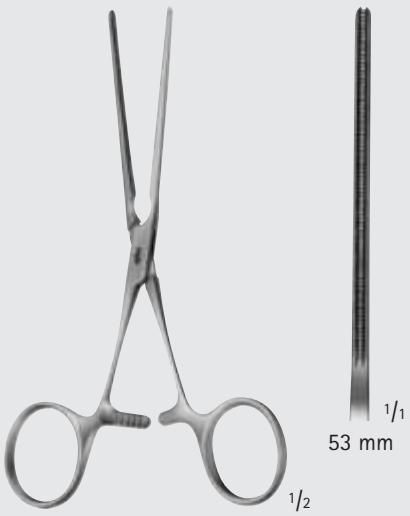
	DE BAKEY FB420R	DE BAKEY FB422R	DE BAKEY FB424R	DE BAKEY FB426R	DE BAKEY FB421R	DE BAKEY FB423R	DE BAKEY FB425R	DE BAKEY FB427R
Gesamtlänge:	80 mm	90 mm	105 mm	124 mm	78 mm	86 mm	97 mm	114 mm
Total length:	3 1/8"	3 1/2"	4 1/8"	5"	3 1/8"	3 3/8"	3 3/4"	4 1/2"
Maullänge:	25 mm	35 mm	50 mm	68 mm	23 mm	31 mm	42 mm	58 mm
Length of jaw:	1"	1 3/8"	2"	2 3/4"	1"	1 1/8"	1 3/4"	2 3/8"

	GLOVER FB432R	GLOVER FB434R	GLOVER FB436R	GLOVER FB433R	GLOVER FB435R	GLOVER FB437R
Gesamtlänge:	68 mm	96 mm	117 mm	65 mm	91 mm	110 mm
Total length:	2 3/4"	3 3/4"	4 3/4"	2 1/2"	3 1/2"	4 3/8"
Maullänge:	33 mm	50 mm	69 mm	33 mm	50 mm	69 mm
Length of jaw:	1 3/8"	2"	2 3/4"	1 3/8"	2"	2 3/4"

Herz- und Gefäß-Chirurgie – Cardiovascular Surgery

Bulldogklemmen mit Ringgriffen

Ring Handle Bulldog Clamps



DE BAKEY

FB540R

gerade

straight

130 mm, 5 1/8"

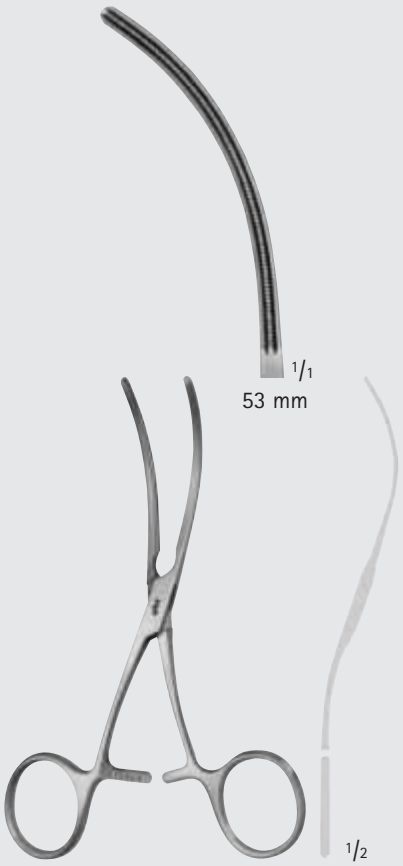
DE BAKEY

FB541R

Maul gebogen

curved jaws

125 mm, 5"



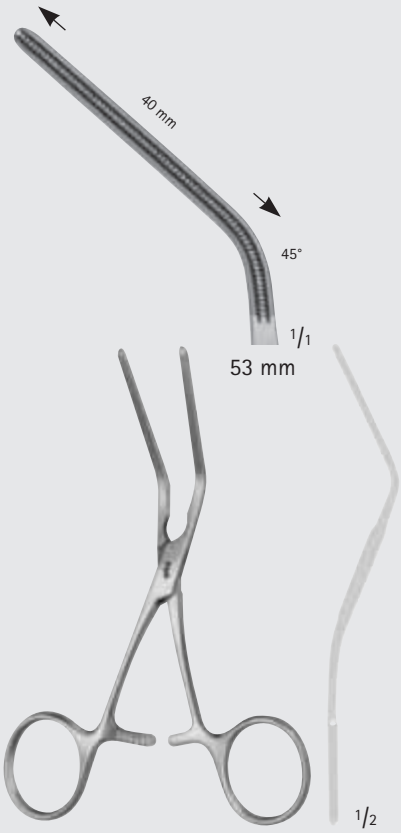
DE BAKEY

FB542R

S-förmig

S-shaped

125 mm, 5"



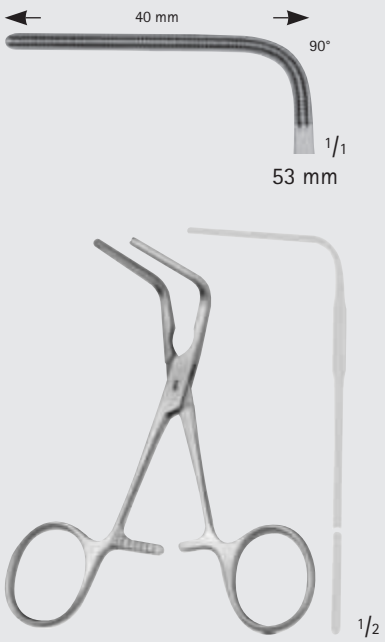
DE BAKEY

FB543R

45° winklig gebogen

angled 45°

125 mm, 5"



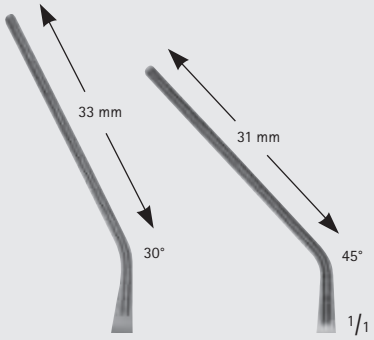
DE BAKEY

FB544R

90° winklig gebogen

angled 90°

105 mm, 4 1/8"

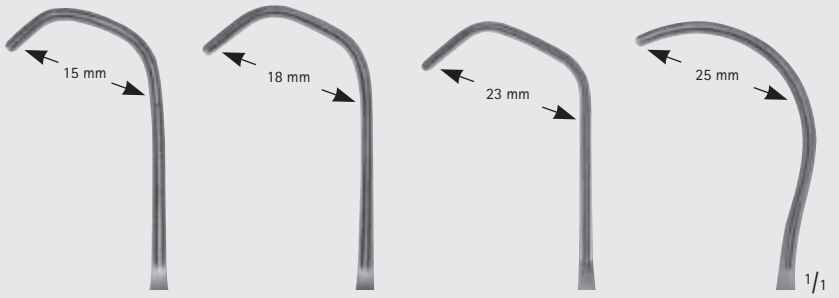


FB581R **FB582R**

CASTANEDA

FB581R–FB582R

120 mm, 4 3/4"

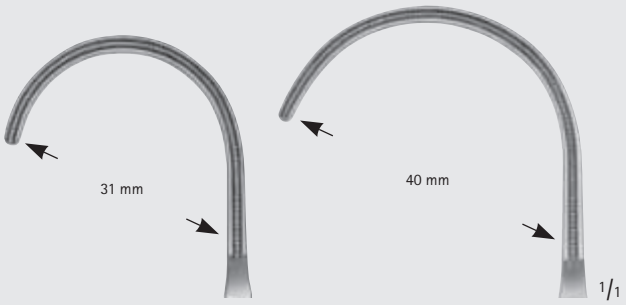


FB590R	FB591R	FB592R	FB593R
48 mm	52 mm	56 mm	50 mm

CASTANEDA

FB590R–FB593R

155 mm, 6"

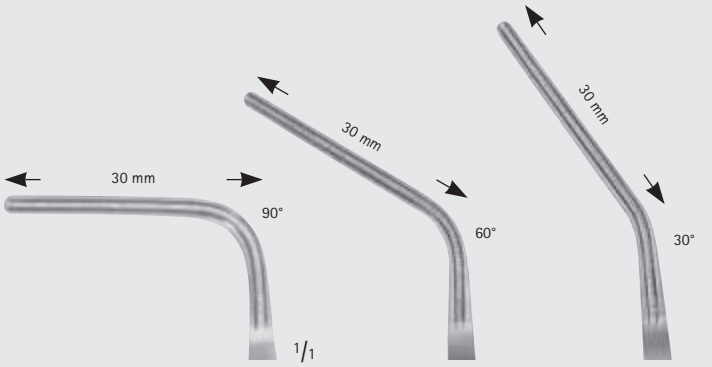


FB557R
160 mm
6 1/2"

FB558R
170 mm
6 3/4"

DE BAKEY

FB557R–FB558R



FB569R
150 mm
6"

FB568R
160 mm
6 1/4"

FB567R
165 mm
6 1/2"

COOLEY

FB567R–FB569R

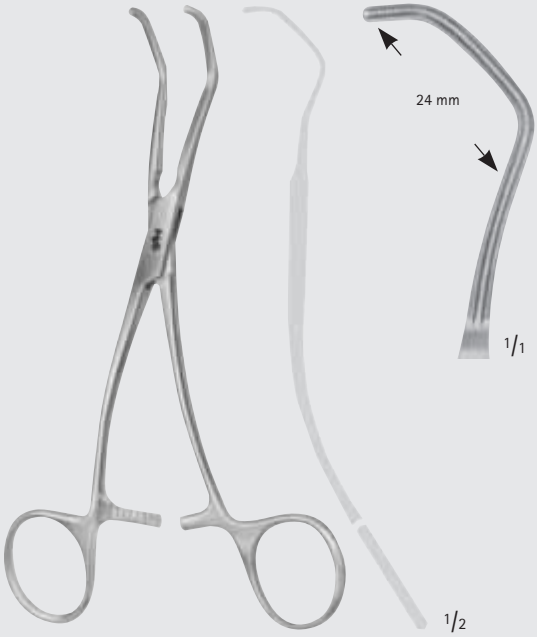
FB559R
170 mm
6 3/4"

FB560R
170 mm
6 3/4"

FB561R
175 mm
7"

DERRA

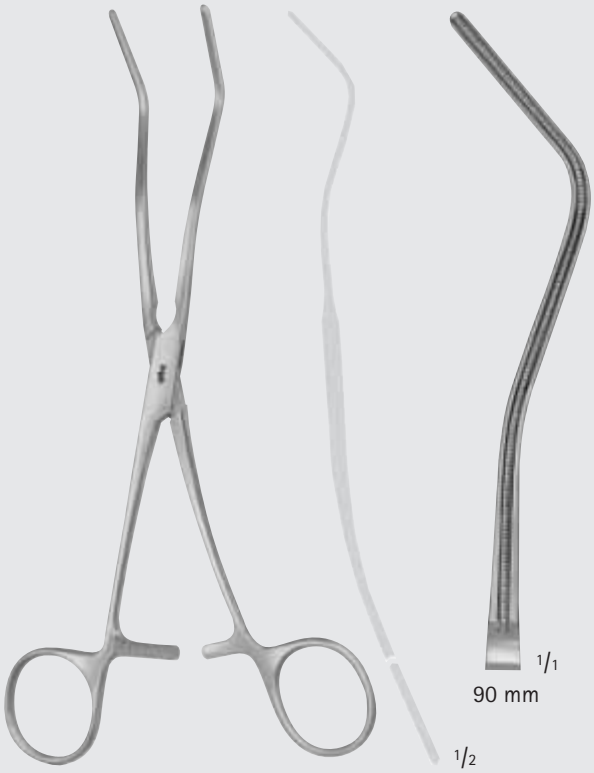
FB559R–FB561R



COOLEY

FB563R

160 mm, 6 1/4"



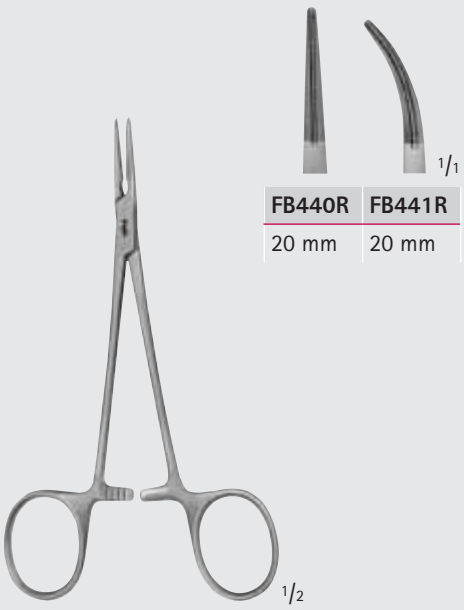
COOLEY

FB570R

200 mm, 8"

Herz- und Gefäß-Chirurgie – Cardiovascular Surgery

Gefäßklemmen
Hemostatic Forceps



FB440R	FB441R
20 mm	20 mm

FB440R-FB441R

Mosquitoklemmen
Mosquito Forceps
125 mm, 5"

FB442R	FB443R
27 mm	27 mm

FB442R-FB443R

Mosquitoklemmen
Mosquito forceps
165 mm, 6 1/2"

FB446R	FB447R
40 mm	40 mm

DE BAKEY-BAINBRIDGE

FB446R-FB447R

155 mm, 6"

FB448R	FB449R
65 mm	65 mm

DE BAKEY-BAINBRIDGE

FB448R-FB449R

180 mm, 7"

1/2

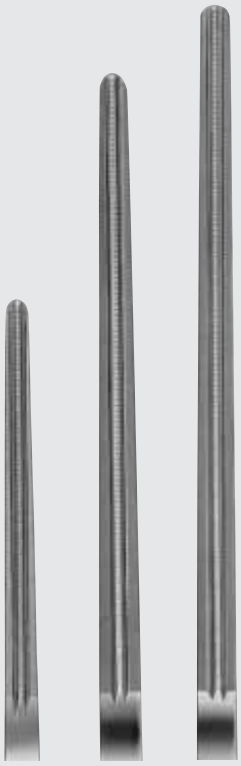
1/1

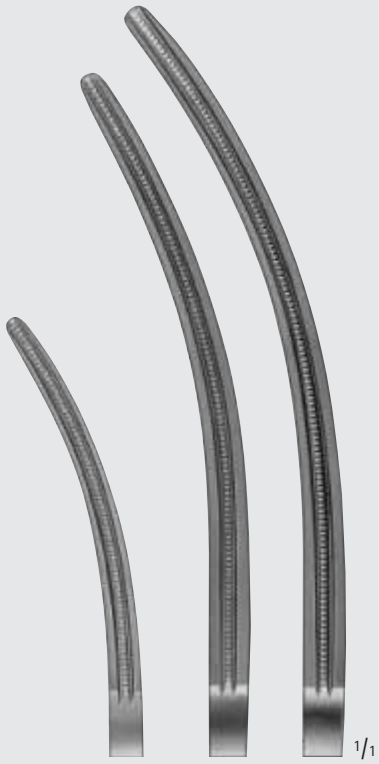
FB444R	FB445R
50 mm	50 mm

PEAN

FB444R–FB445R

155 mm, 6"





1/1

FB526R	FB532R	FB534R
60 mm	89 mm	99 mm
200 mm	265 mm	280 mm
8"	10 1/2"	11"

FB527R	FB533R	FB535R
60 mm	89 mm	99 mm
200 mm	260 mm	275 mm
8"	10 1/4"	10 3/4"

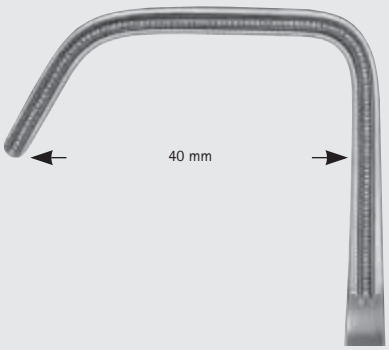
DE BAKEY-PEAN

FB526R–FB535R

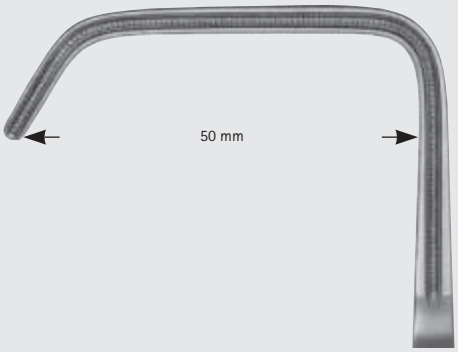
Herz- und Gefäß-Chirurgie – Cardiovascular Surgery

Klemmen für Nieren- und Pankreaseingriffe

Kidney and Pankreas Clamps



FB528R



FB529R

1/1

FB530R

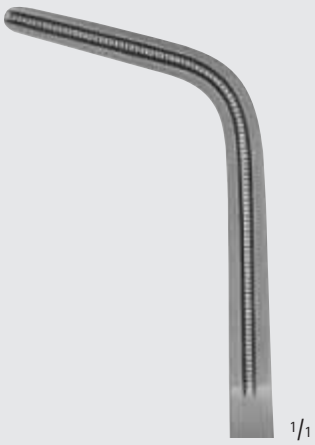
HOPT

FB528R	230 mm	9"
FB529R	235 mm	9 1/4"
FB530R	245 mm	9 3/4"

1/1

FB486R
81 mm

FB487R
81 mm



1/1
80 mm

1/1
70 mm

DE BAKEY-RUMEL

FB486R	250 mm	10"
FB487R	245 mm	9 3/4"

1/2

DE BAKEY-MIXTER

FB497R
285 mm, 11 1/4"

1/2

DE BAKEY-MC QUIGG-MIXTER

FB496R
210 mm, 8 1/4"

Herz- und Gefäß-Chirurgie – Cardiovascular Surgery

Präparier- und Ligaturklemmen, Profunda Klemmen

Dissecting- and Ligature Forceps, Profunda Clamps

ATRAUMATA®

FB

1/1

FB484R	FB485R
77 mm	80 mm

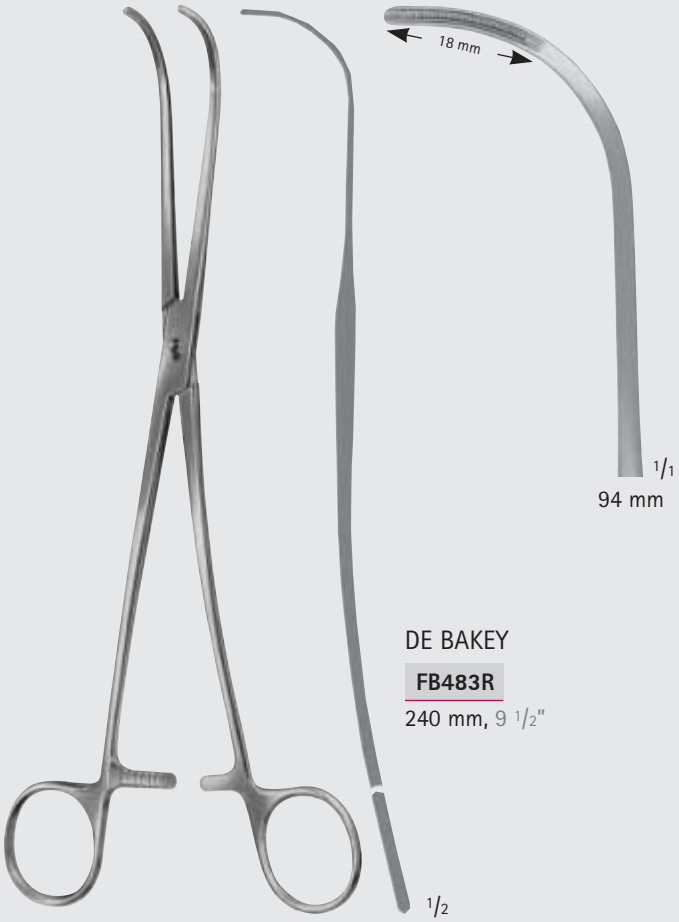
DE BAKEY

FB484R	190 mm	7 1/2"
FB485R	230 mm	9"

GREGORY

MB750R	57 mm
MB751R	62 mm

Profunda Klemmen
Profunda clamps
200 mm, 8"



1/1
94 mm

1/2

DE BAKEY

FB483R
240 mm, 9 1/2"

1/1

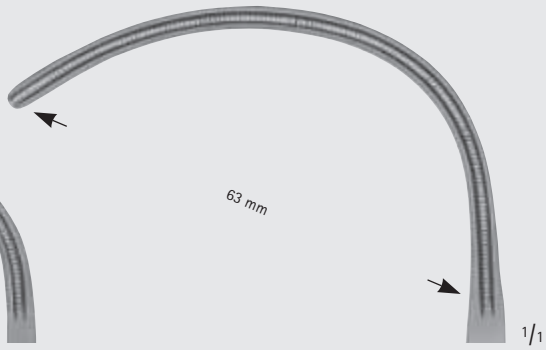
FB498R	FB499R
51 mm	75 mm

DE BAKEY

FB498R	210 mm	8 1/4"
FB499R	230 mm	9"

INCHES

FB461R
70 mm

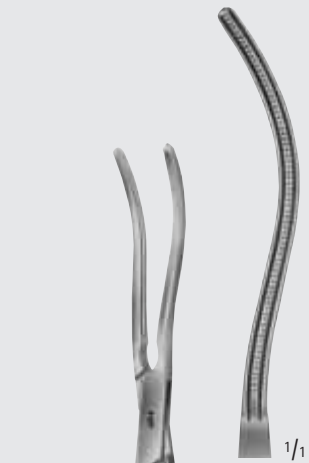


1/1

FB462R
95 mm

GLOVER

FB461R	195 mm	7 3/4"
FB462R	210 mm	8 1/4"



1/1
60 mm

GLOVER
FB460R
220 mm, 8 3/4"

1/2

1/1
65 mm

GLOVER
FB458R
215 mm, 8 1/2"

1/2

1/1
86 mm

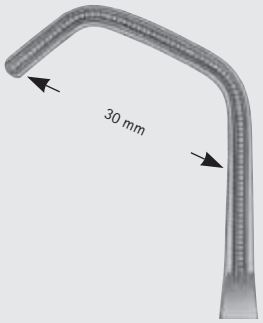
GLOVER
FB459R
245 mm, 9 3/4"

1/2

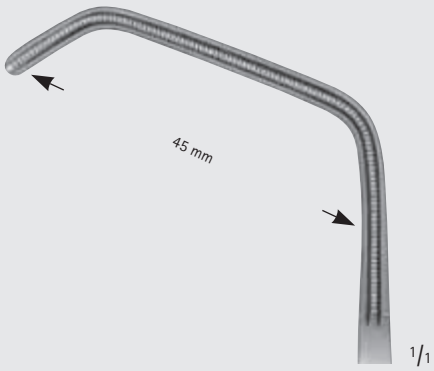
Herz- und Gefäß-Chirurgie – Cardiovascular Surgery

Vena-Cava-Klemmen
Vena Cava Clamps

FB



FB519R
65 mm

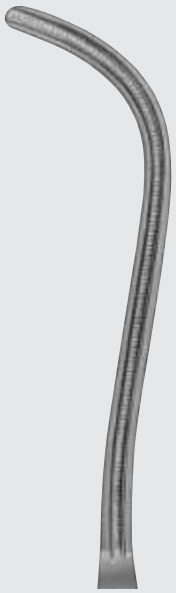


1/1

FB520R
80 mm

DE BAKEY-BECK

FB519R	205 mm	8"
FB520R	210 mm	8 1/4"



FB521R
86 mm

FB522R
86 mm

FB523R
86 mm

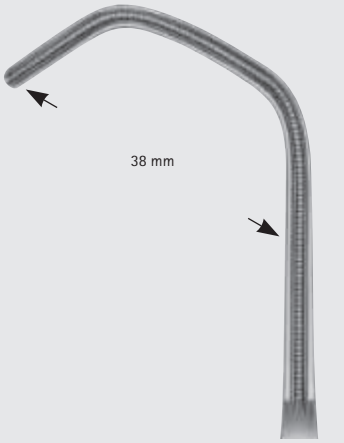
1/1

FB524R
86 mm

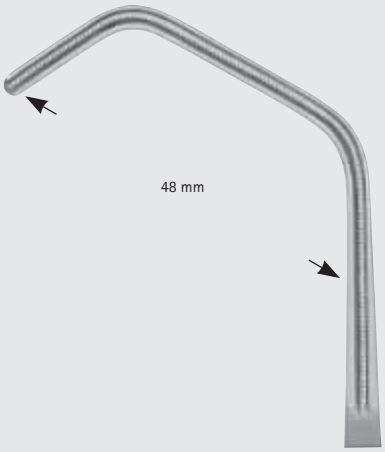
DE BAKEY-HARKEN

FB521R	255 mm	10"
FB522R	245 mm	9 3/4"
FB523R	245 mm	9 3/4"
FB524R	245 mm	9 3/4"

INCHES



FB500R



FB501R

FB502R

FB503R

1/1

FB504R

DE BAKEY

	FB500R	FB501R	FB502R	FB503R	FB504R
Gesamtlänge:	220 mm	265 mm	270 mm	270 mm	280 mm
Total Length:	7 3/4"	10 1/4"	10 3/4"	10 3/4"	11"
Maullänge:	85 mm	95 mm	99 mm	103 mm	119 mm
Jaw length:	3 3/8"	3 3/4"	4"	4 1/8"	4 3/4"

MILLIMETERS

Herz- und Gefäß-Chirurgie – Cardiovascular Surgery

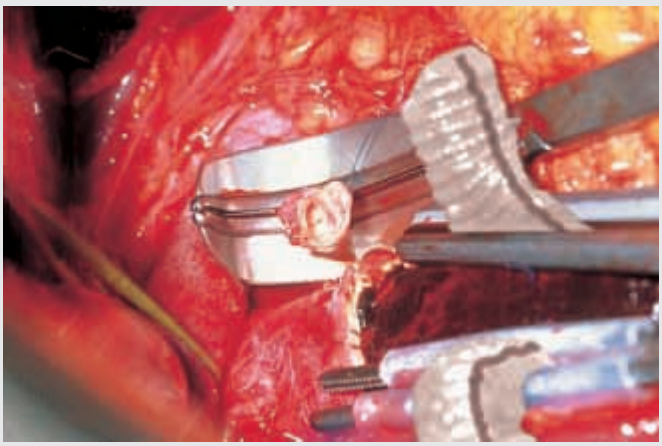
Gefäßklemmen für Tangential-Verschluss

Tangential Occlusion Clamps

FB506R **FB507R** **FB508R**

DE BAKEY-SATINSKY

	FB506R	FB507R	FB508R
Gesamtlänge:	235 mm	240 mm	245 mm
Total Length:	9 1/4"	9 1/2"	9 3/4"
Maullänge:	68 mm	76 mm	84 mm
Jaw length:	2 3/4"	3"	3 3/8"



1/1

FB587R
235 mm
9 1/4"

FB588R
245 mm
9 3/4"

ALLENBERG

FB587R–FB588R

mit Retraktionsblättern zum Weghalten von Weichteilen während der Anastomose

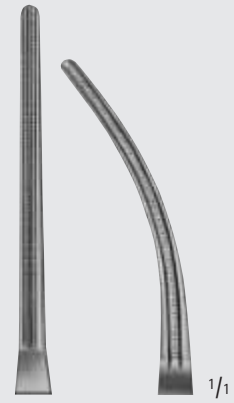
with retraction blades for retraction of soft tissue during the anastomosis

MILLIMETERS

Herz- und Gefäß-Chirurgie – Cardiovascular Surgery

Coarctationsklemmen
Coarctation Clamps

FB



1/1

FB552R	FB554R
50 mm	50 mm

DE BAKEY

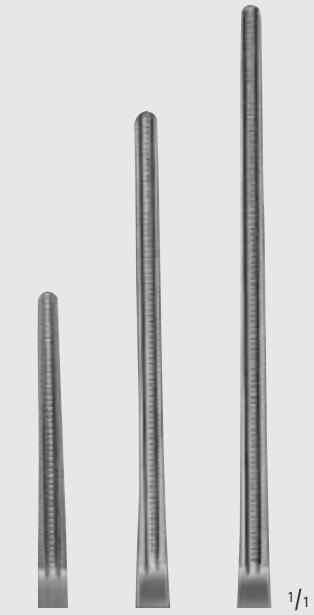
FB552R	170 mm	6 3/4"
FB554R	165 mm	6 1/2"

1/1

50 mm

DE BAKEY

FB553R
165 mm, 6 1/2"

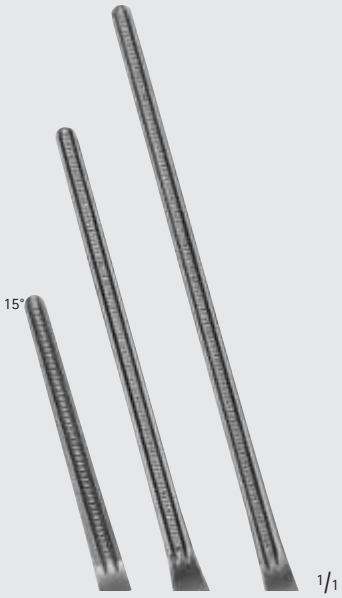


1/1

FB452R	FB454R	FB456R
41 mm	65 mm	80 mm

DE BAKEY

FB452R	205 mm	8"
FB454R	225 mm	9"
FB456R	240 mm	9 1/2"



1/1

FB453R	FB455R	FB457R
41 mm	65 mm	80 mm

DE BAKEY

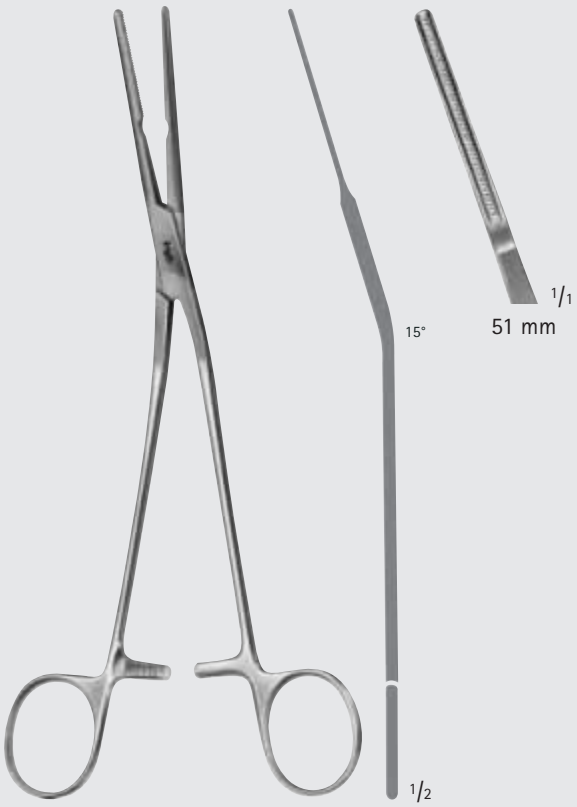
FB453R	200 mm	8"
FB455R	225 mm	9"
FB457R	240 mm	9 1/2"

INCHES

DE BAKEY

FB450R

210 mm, 8 1/4"



DE BAKEY

FB451R

210 mm, 8 1/4"

Herz- und Gefäß-Chirurgie – Cardiovascular Surgery

Patent-Ductusklemmen, Peripheralklemmen

Patent-Ductus-Clamps, Peripheral-Vascular-Clamps

ATRAUMATA®

FB

1/1

56 mm

1/1

90 mm

1/1

92,5 mm

1/2

DE BAKEY

FB463R

160 mm, 6 1/4"

1/2

DE BAKEY

FB464R

190 mm, 7 1/4"

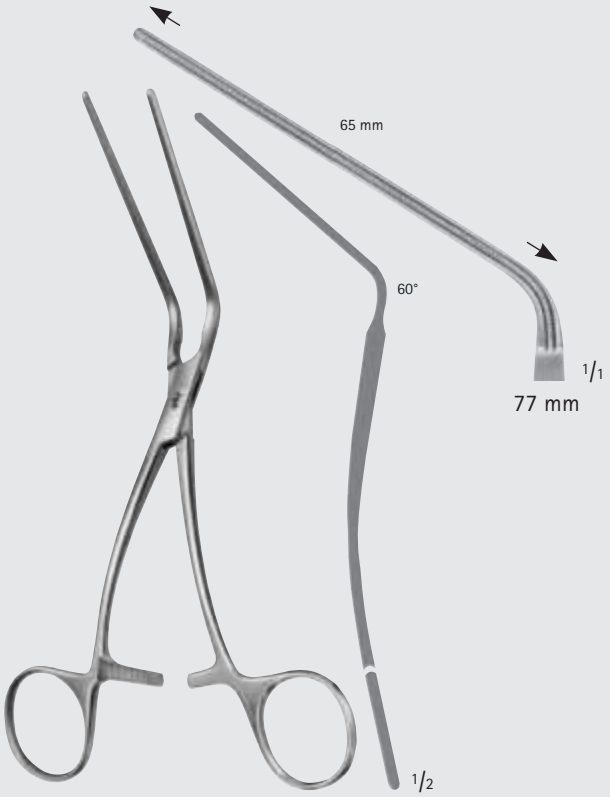
1/2

DE BAKEY

FB465R

200 mm, 8"

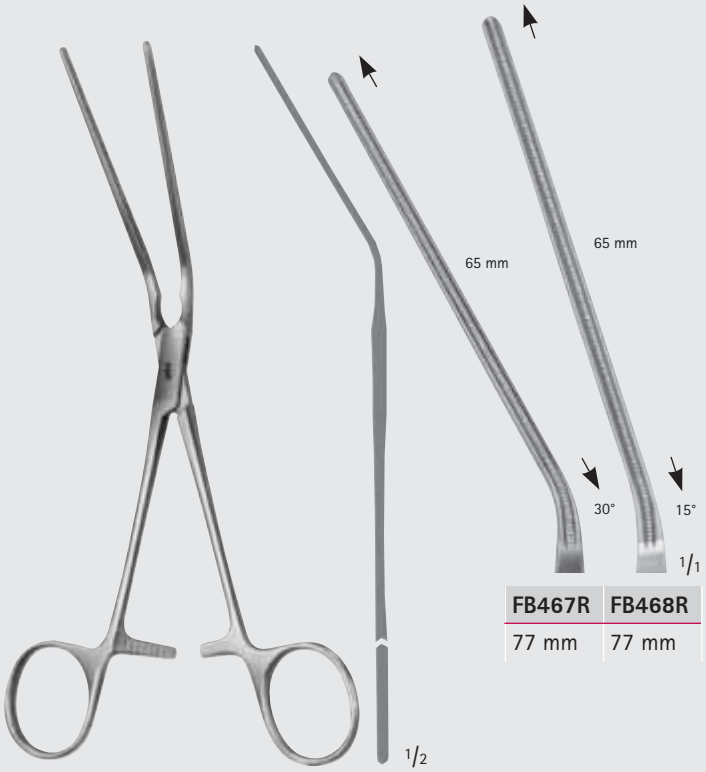
INCHES



DE BAKEY

FB466R

180 mm, 7"

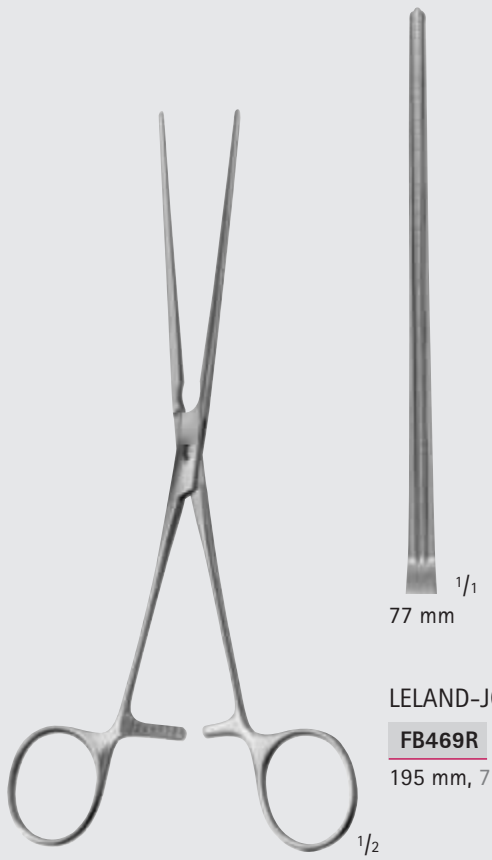


FB467R	FB468R
77 mm	77 mm

LELAND-JONES

FB467R-FB468R

190 mm, 7 1/2"



LELAND-JONES

FB469R

195 mm, 7 3/4"

DE BAKEY

FB470R

Iliaca-Klemme

Iliac clamp

200 mm, 8"

Herz- und Gefäß-Chirurgie – Cardiovascular Surgery

Anastomosenklemmen
Anastomosis Clamps

WERTHEIM

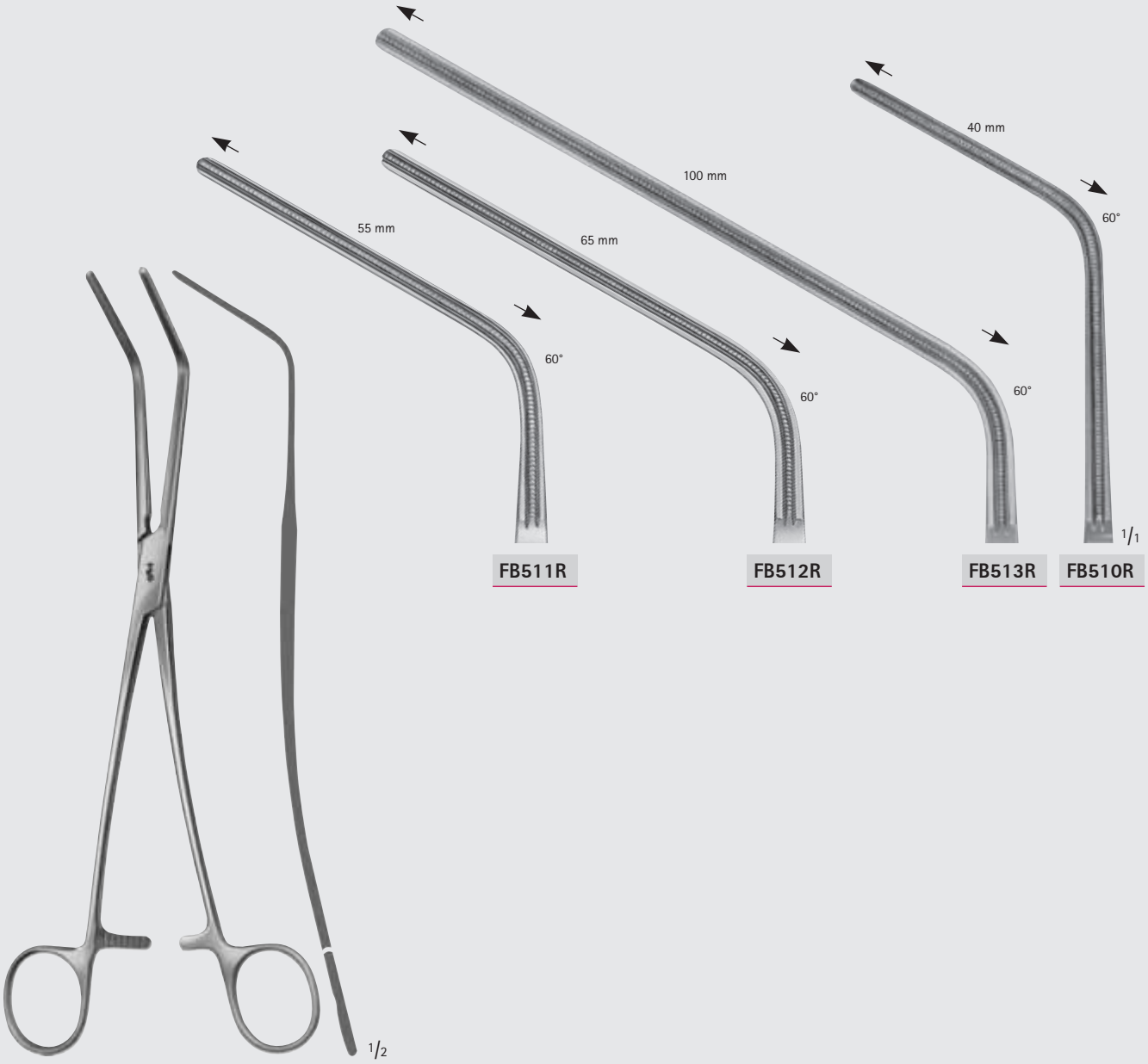
BJ581R

250 mm, 10"

FB956R	FB957R	FB958R
255 mm	265 mm	275 mm
10"	10 1/2"	10 3/4"

DICK

FB956R–FB958R



FB511R FB512R FB513R FB510R

DE BAKEY

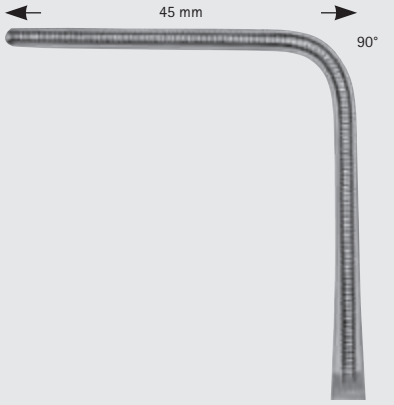
	FB511R	FB512R	FB513R	FB510R
Gesamtlänge:	230 mm	280 mm	305 mm	240 mm
Total Length:	9"	11"	12"	9 1/2"
Maullänge:	85 mm	100 mm	135 mm	93 mm
Jaw length:	3 3/8"	4"	5 1/8"	3 3/4"

MILLIMETERS

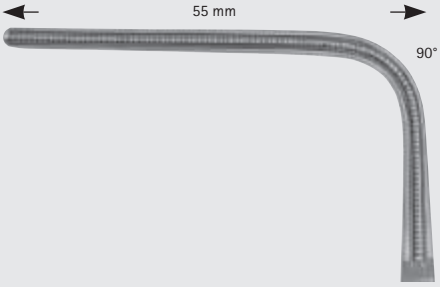
Herz- und Gefäß-Chirurgie – Cardiovascular Surgery

Mehrzweckklemmen

Multi-Purpose-Clamps

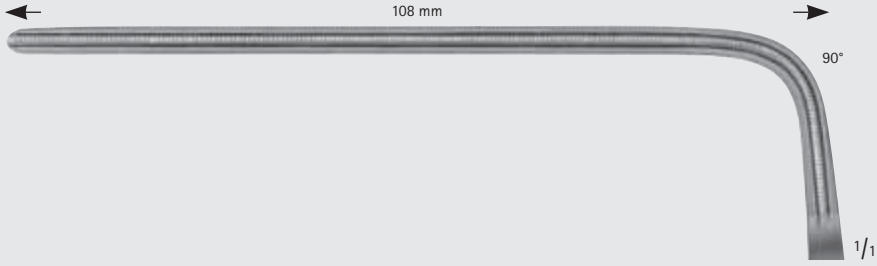


FB515R



FB516R

FB517R

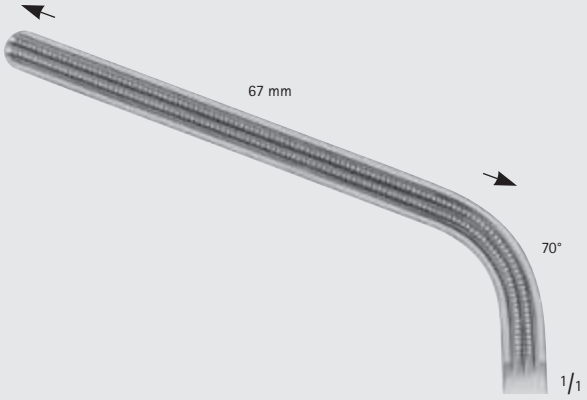


FB518R

DE BAKEY

	FB515R	FB516R	FB517R	FB518R
Gesamtlänge:	225 mm	210 mm	255 mm	275 mm
Total Length:	9"	8 1/4"	10"	10 3/4"
Maullänge:	93 mm	85 mm	92 mm	134 mm
Jaw length:	3 3/4"	3 3/8"	3 5/8"	5 1/4"

INCHES

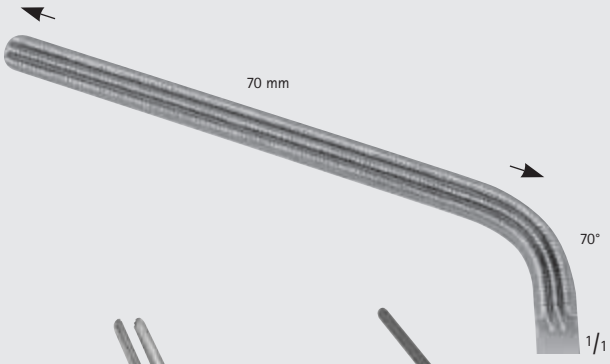


93 mm

MORRIS

FB493R

175 mm, 7"



93 mm

DE BAKEY (MORRIS MODIF.)

FB494R

240 mm, 9"

90 mm

95 mm

LEES

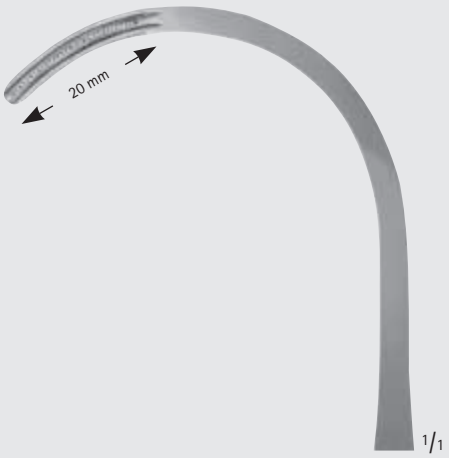
FB573R

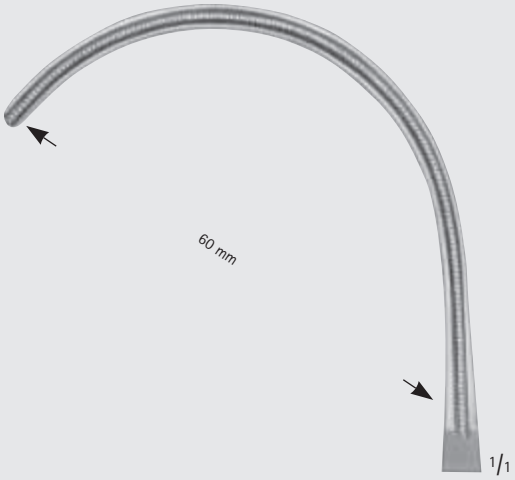
220 mm, 8 3/4"

LEES

FB574R

245 mm, 9 3/4"





DE BAKEY (SEMB MODIF.)

FB482R

265 mm, 10 1/2"

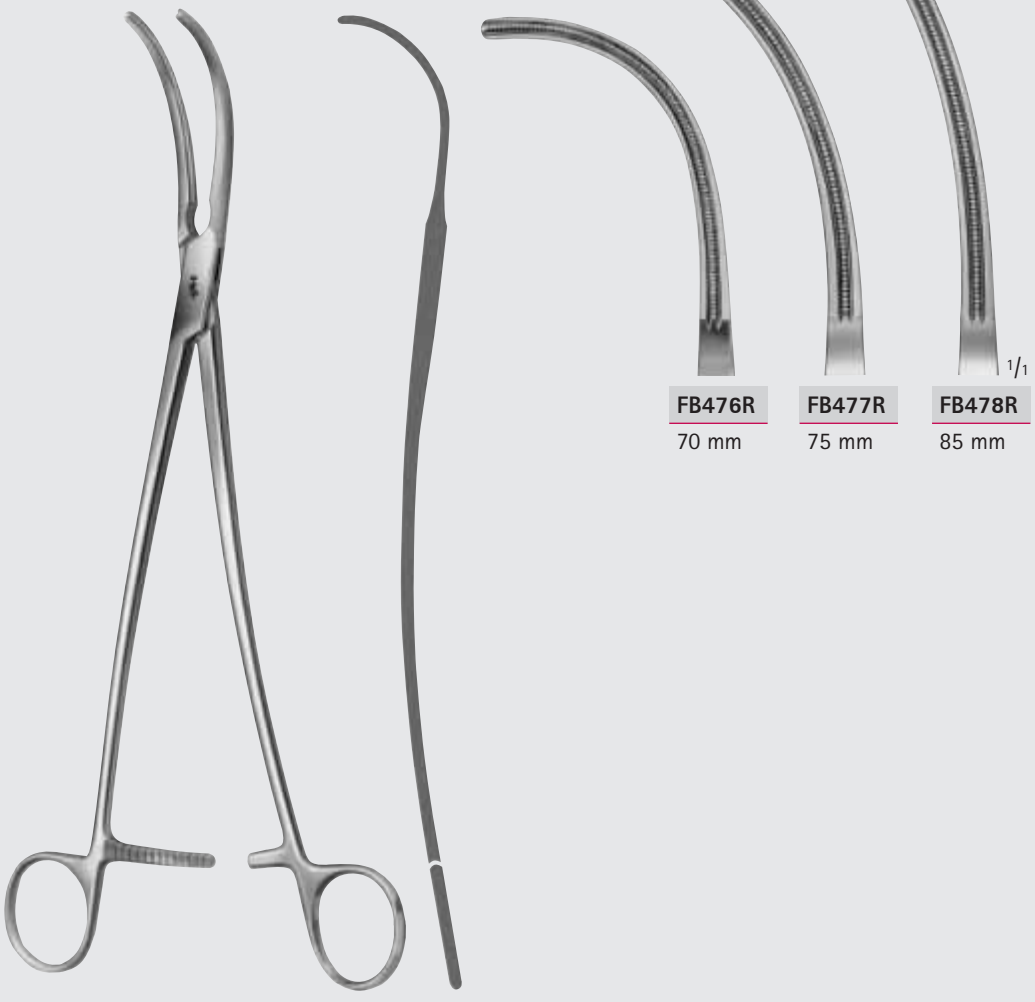
DE BAKEY

FB481R

270 mm, 10 3/4"

Herz- und Gefäß-Chirurgie – Cardiovascular Surgery

Aorta-Aneurysma-Klemmen
Aorta-Aneurysm-Clamps



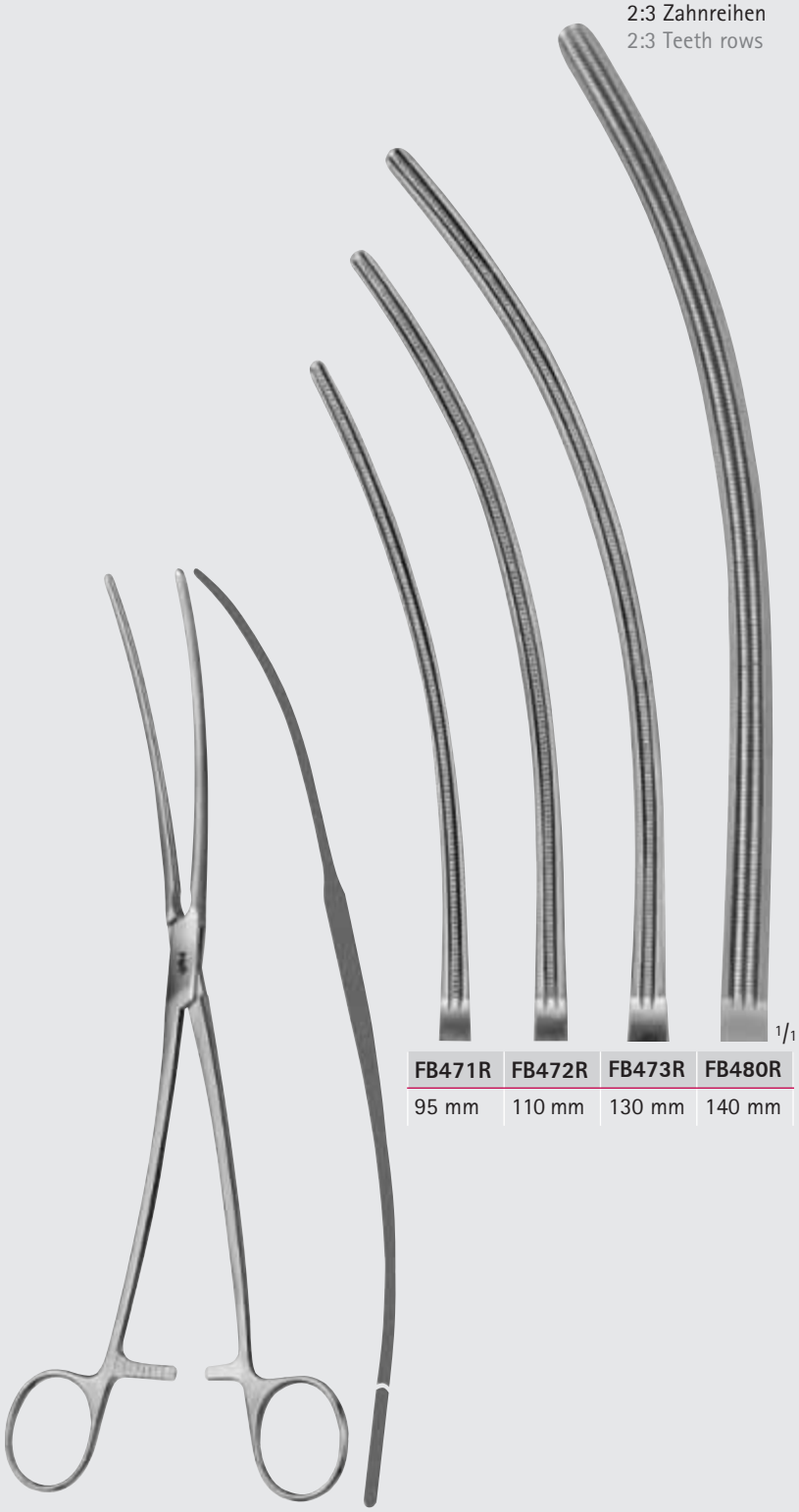
1/1

FB476R	FB477R	FB478R
70 mm	75 mm	85 mm

DE BAKEY

FB476R	255 mm	10"
FB477R	265 mm	10 1/2"
FB478R	280 mm	11"

2:3 Zahnreihen
2:3 Teeth rows

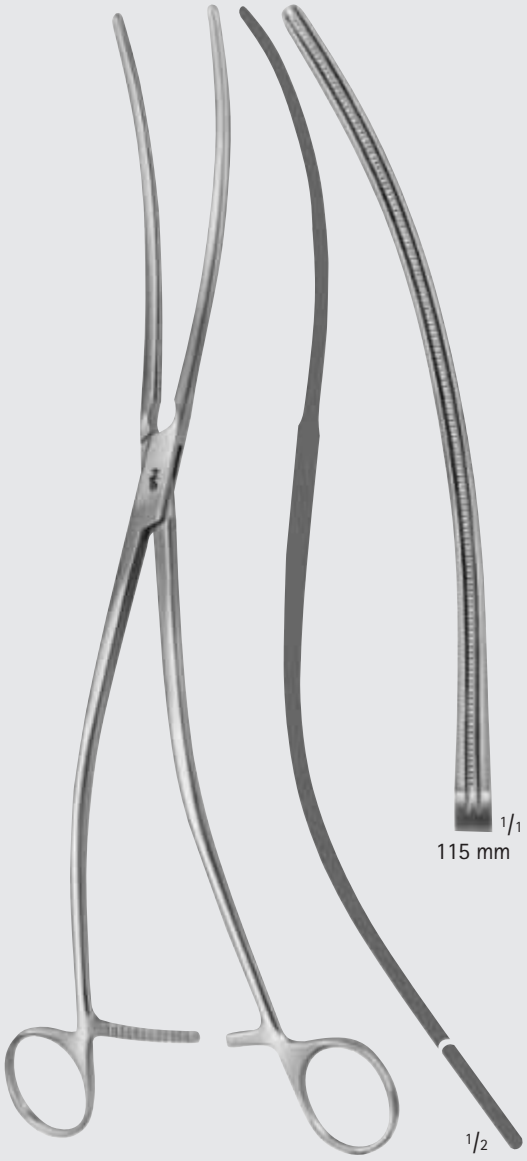


1/1

FB471R	FB472R	FB473R	FB480R
95 mm	110 mm	130 mm	140 mm

DE BAKEY

FB471R	250 mm	10"
FB472R	300 mm	12"
FB473R	315 mm	12 1/2"
FB480R	330 mm	13"



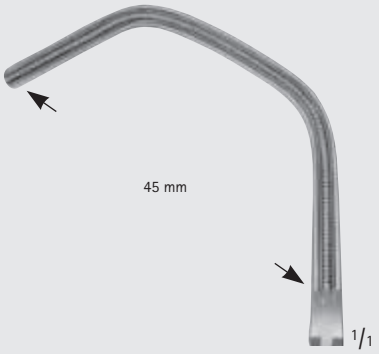
1/1
115 mm

1/2

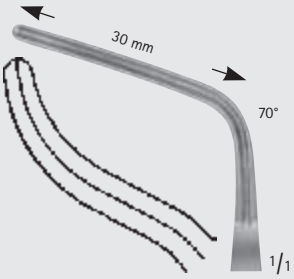
DE BAKEY

FB475R

300 mm, 12"



75 mm



53 mm

DIETHRICH

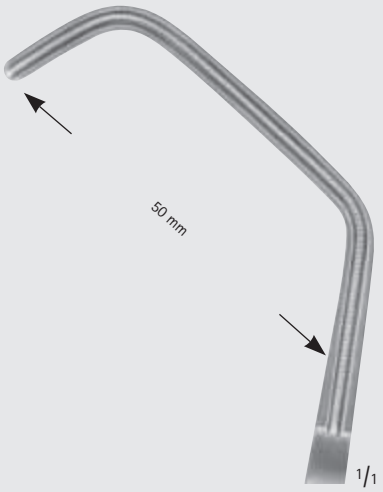
FB525R

210 mm, 8 1/4"

SUBRAMANIAN (MODIF.)

FB578R

155 mm, 6"

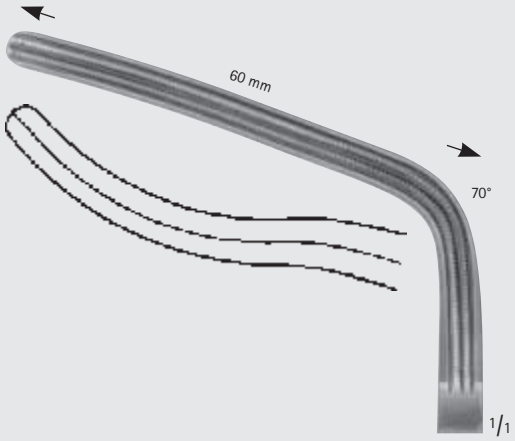


93 mm

OCHSNER

FB495R

260 mm, 10 1/4"



95 mm

DE BAKEY

FB576R

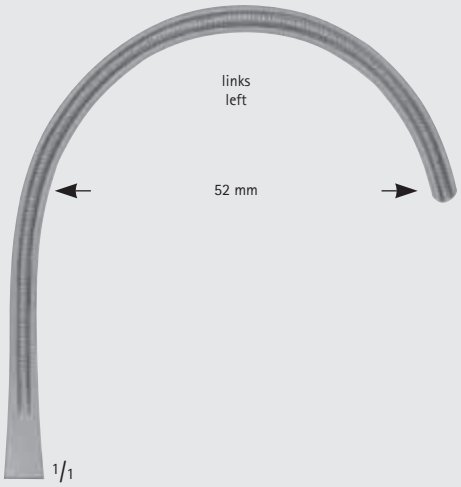
265 mm, 10 1/2"

Herz- und Gefäß-Chirurgie – Cardiovascular Surgery

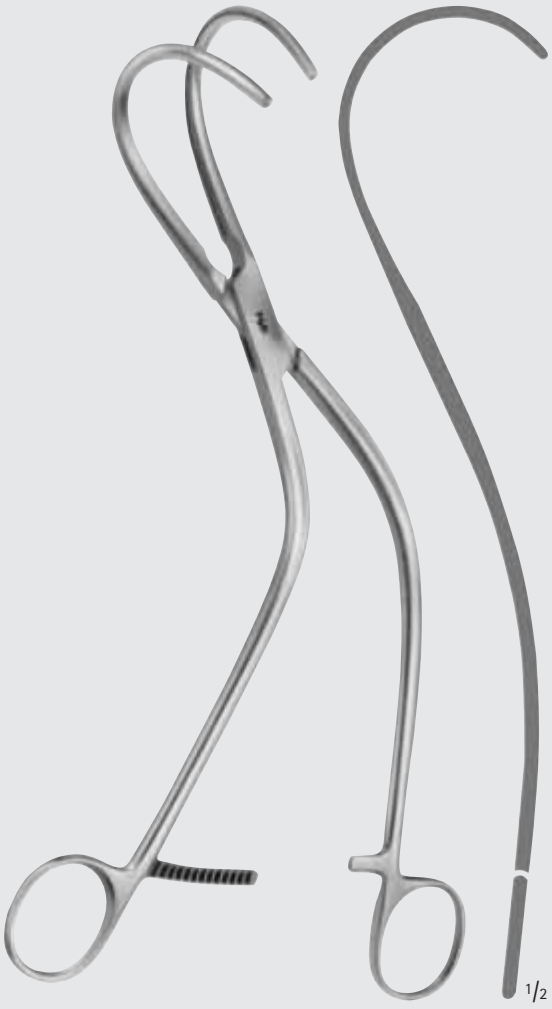
Aorta-Anastomosenklemmen
Aorta-Anastomosis Clamps

ARAUMATA®

FB



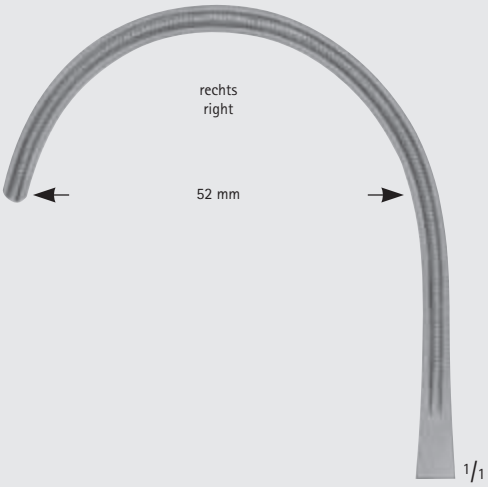
113 mm



WEBER

FB488R

260 mm, 10 1/4"

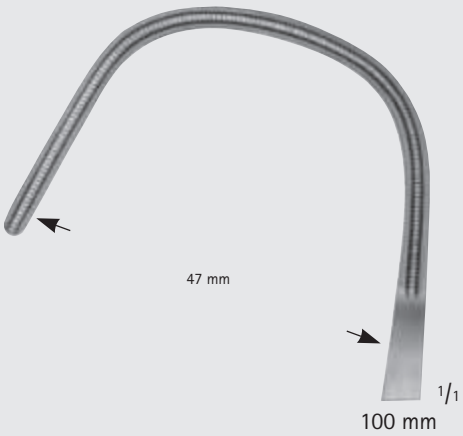


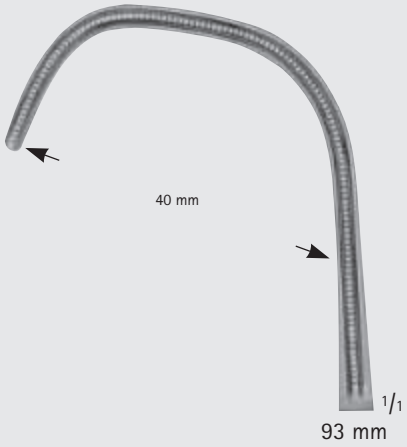
113 mm

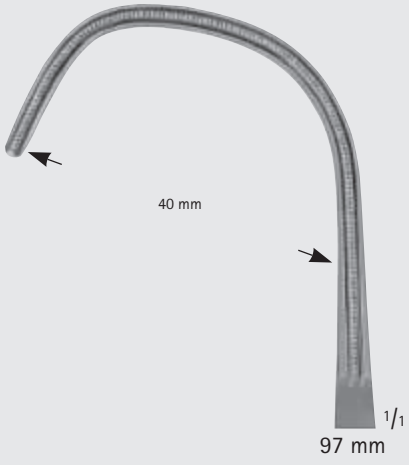
WEBER

FB489R

260 mm, 10 1/4"







LAMBERT-KAY

FB492R

210 mm, 8 1/4"

LAMBERT-KAY

FB490R

215 mm, 8 1/2"

DE BAKEY (MOD. LAMBERT)

FB491R

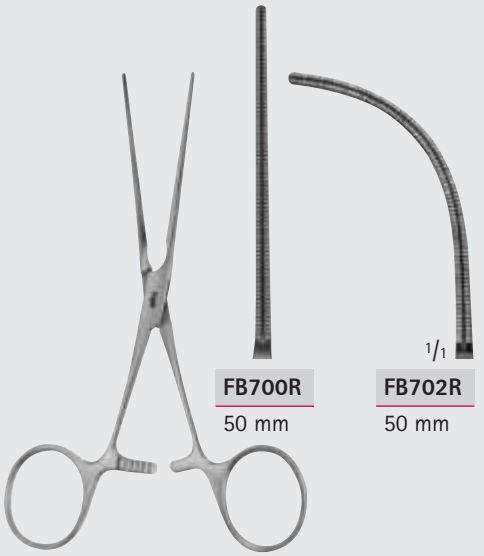
255 mm, 10"

Herz- und Gefäß-Chirurgie – Cardiovascular Surgery

Bulldogklemmen mit Ringgriffen

Ring Handle Bulldog Clamps

ARAUMATA®



FB700R 50 mm

FB702R 50 mm

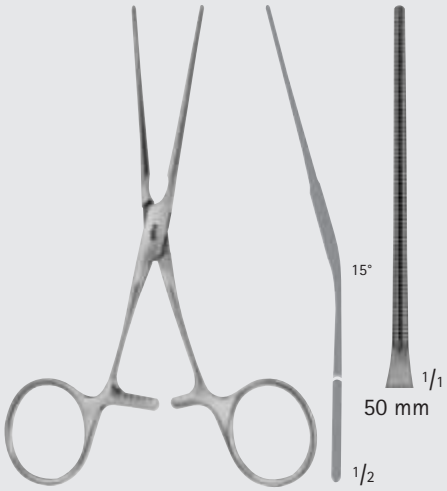
COOLEY

FB700R	125 mm	5"
FB702R	115 mm	4 1/2"

COOLEY

FB707R

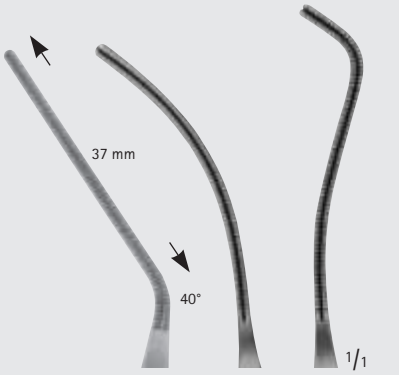
100 mm, 4"



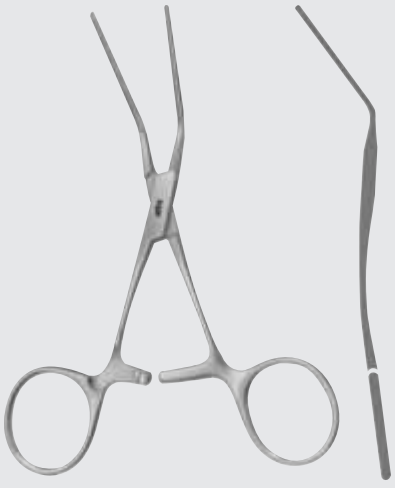
COOLEY

FB701R

125 mm, 5"

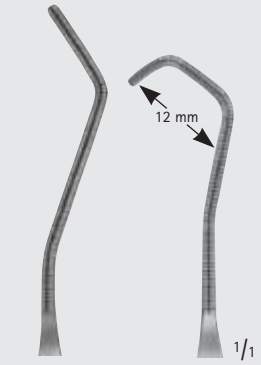


FB704R	**FB703R**	**FB706R**
50 mm	50 mm	52 mm



COOLEY

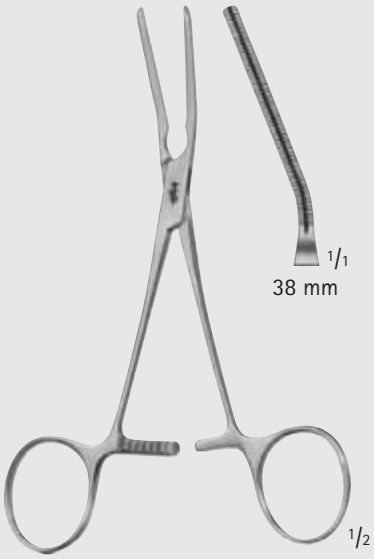
FB704R	120 mm	4 3/4"
FB703R	125 mm	5"
FB706R	125 mm	5"



FB705R	**FB708R**
50 mm	50 mm

COOLEY

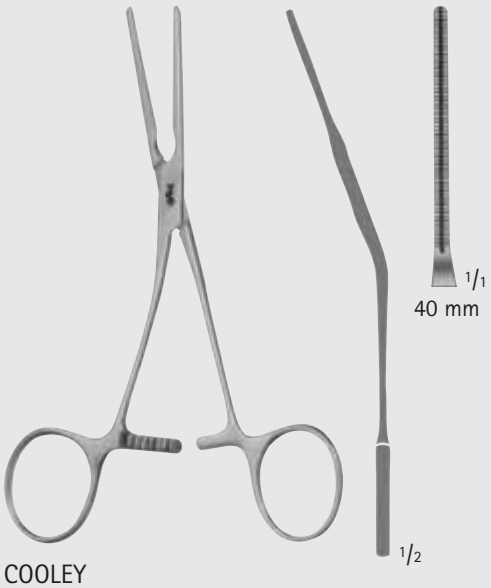
FB705R	120 mm	4 3/4"
FB708R	115 mm	4 1/2"



COOLEY

FB741R

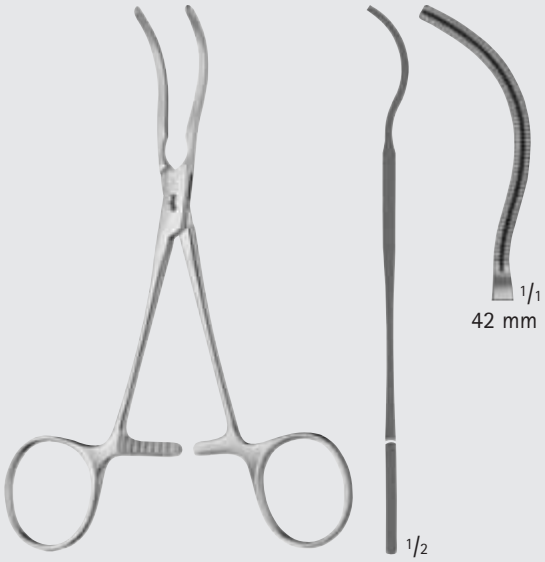
145 mm, 5 3/4"



COOLEY

FB742R

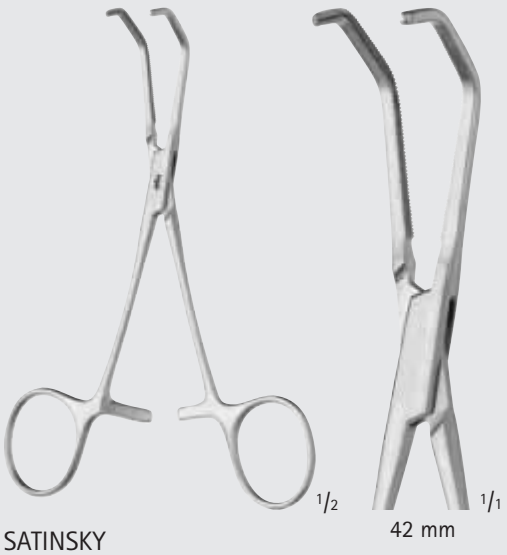
140 mm, 5 1/2"



COOLEY

FB743R

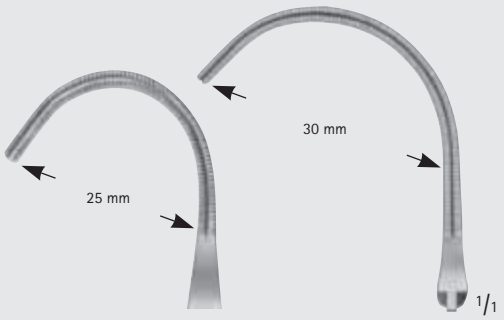
145 mm, 5 3/4"



SATINSKY

MB613R

140 mm, 5 1/2"

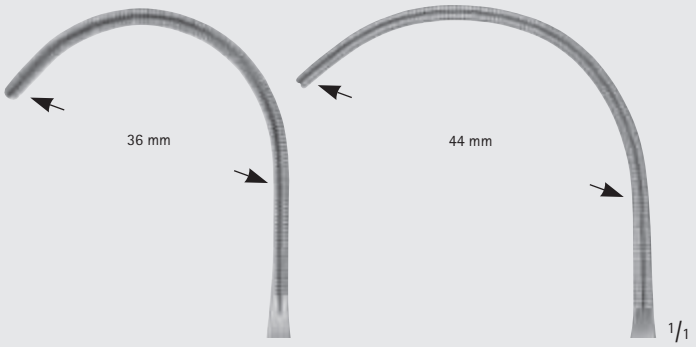


FB731R
56 mm

FB732R
63 mm

COOLEY-BECK

FB731R	150 mm	6"
FB732R	155 mm	6"

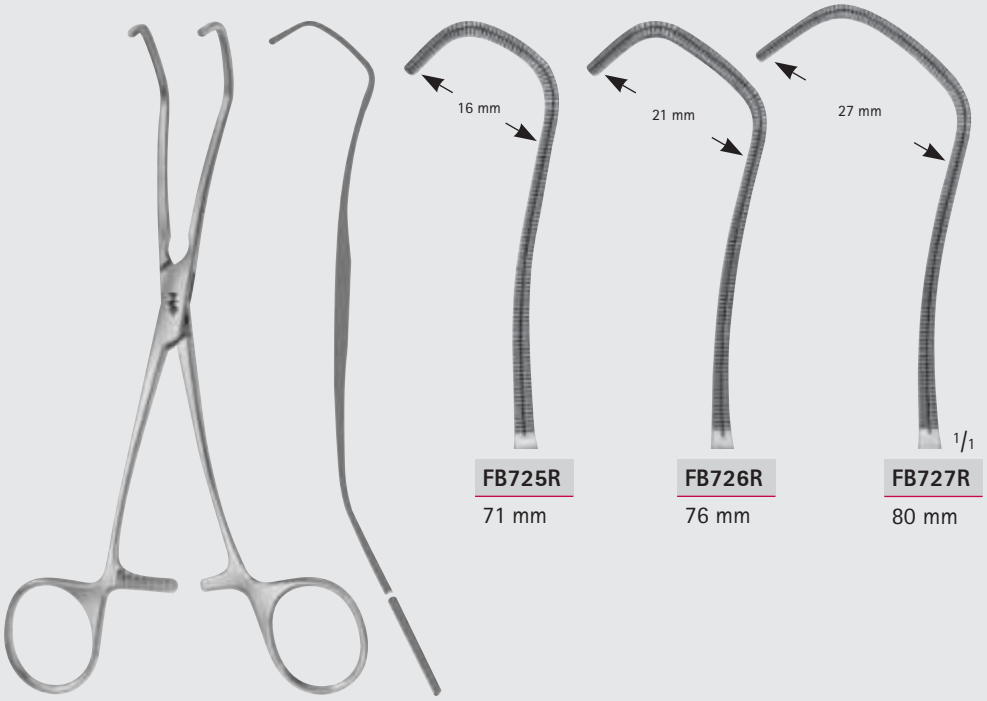


FB734R
82 mm

FB735R
82 mm

COOLEY

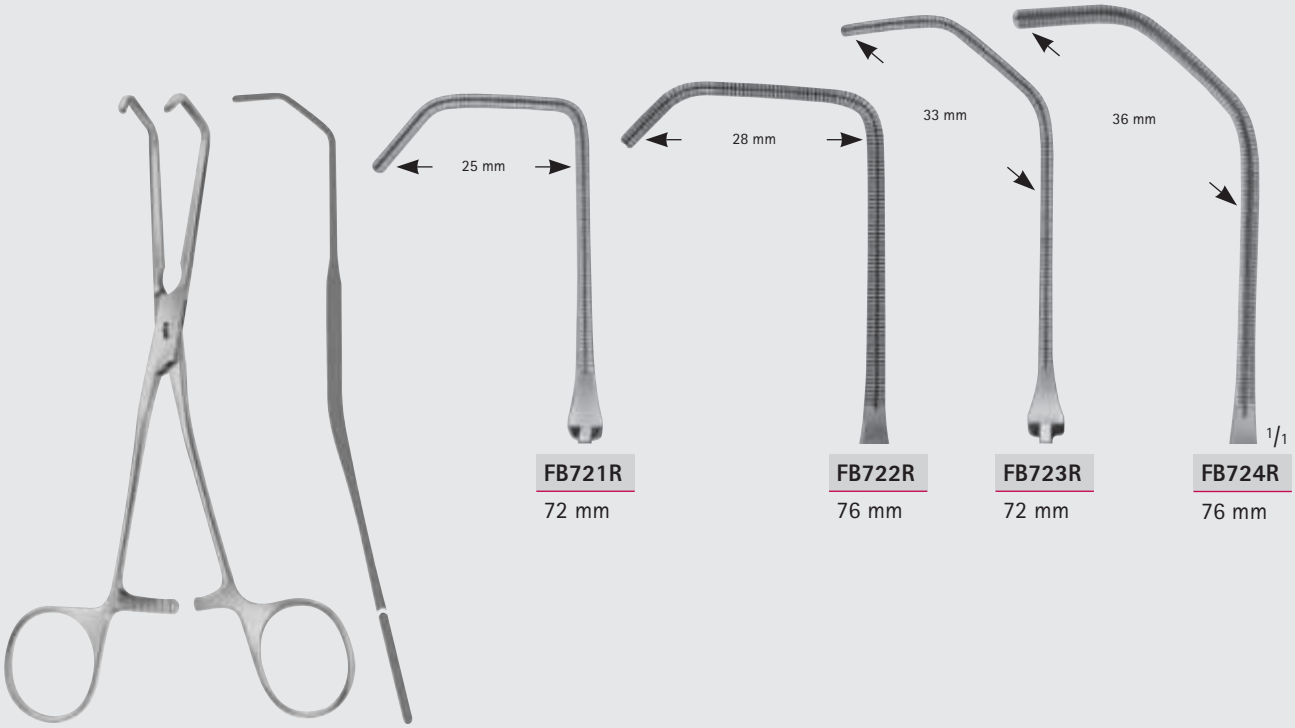
FB734R–FB735R
170 mm, 6 3/4"



FB725R 71 mm
FB726R 76 mm
FB727R 80 mm

DERRA-COOLEY

FB725R	170 mm	6 3/4"
FB726R	175 mm	7"
FB727R	175 mm	7"

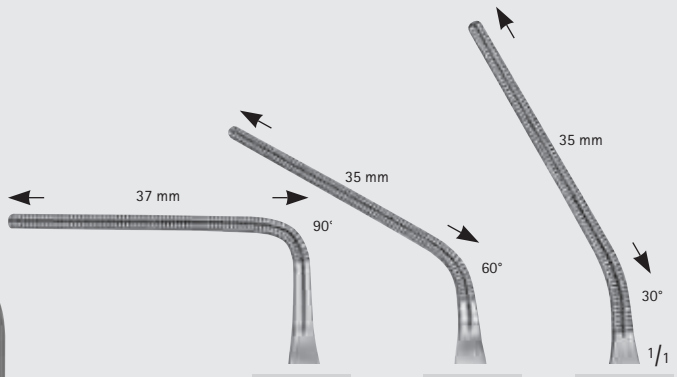


FB721R 72 mm
FB722R 76 mm
FB723R 72 mm
FB724R 76 mm

COOLEY

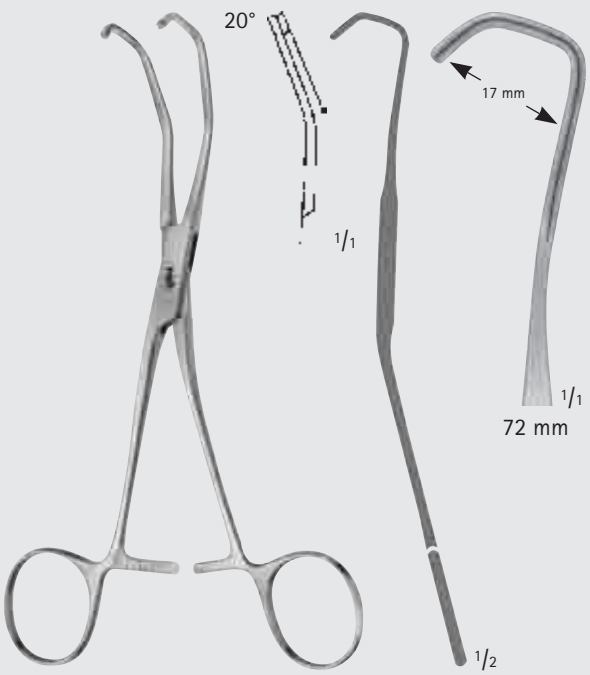
FB721R	165 mm	6 1/2"
FB722R	165 mm	6 1/2"
FB723R	175 mm	7"
FB724R	180 mm	7"

MILLIMETERS



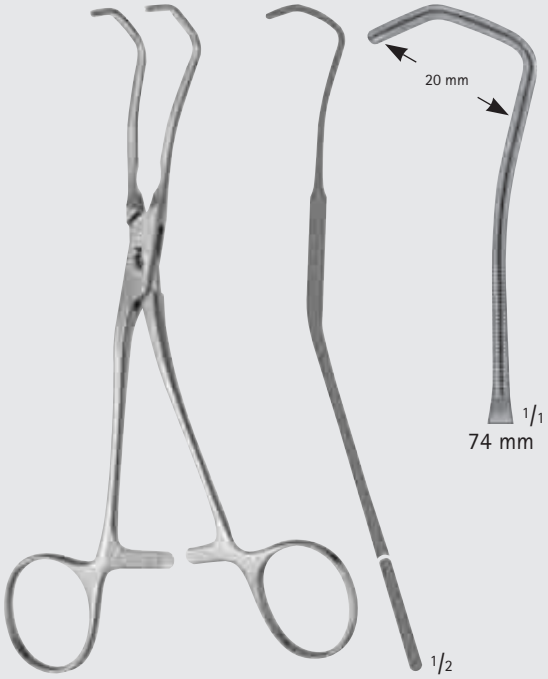
COOLEY

FB719R	150 mm	6"
FB718R	160 mm	6 1/4"
FB717R	165 mm	6 1/2"



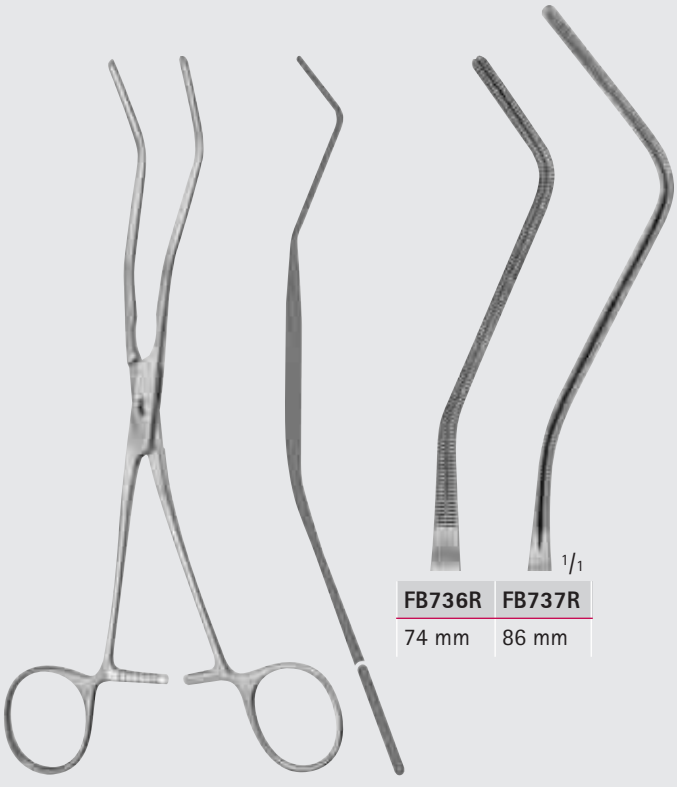
COOLEY

FB729R	170 mm, 6 3/4"



COOLEY

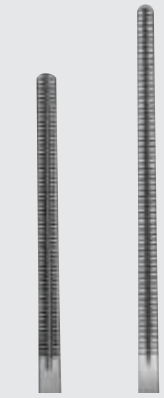
FB730R	175 mm, 7"



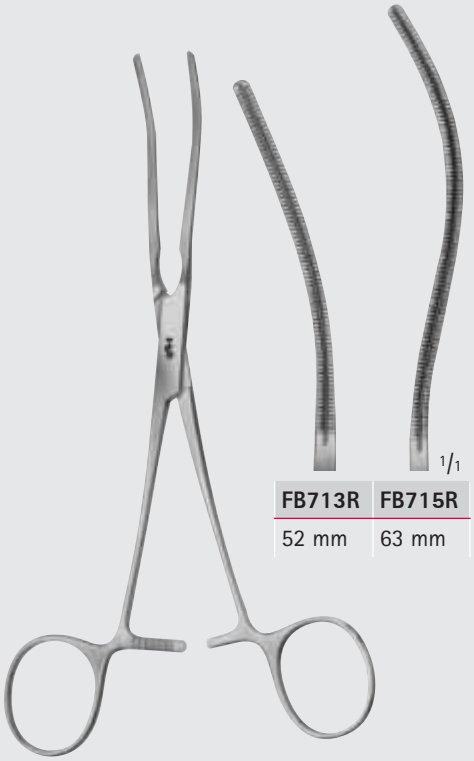
FB736R	**FB737R**
74 mm	86 mm

COOLEY

FB736R	185 mm	7 1/4"
FB737R	195 mm	7 3/4"



FB710R	FB712R
41 mm	52 mm



1/1

FB713R	FB715R
52 mm	63 mm

COOLEY

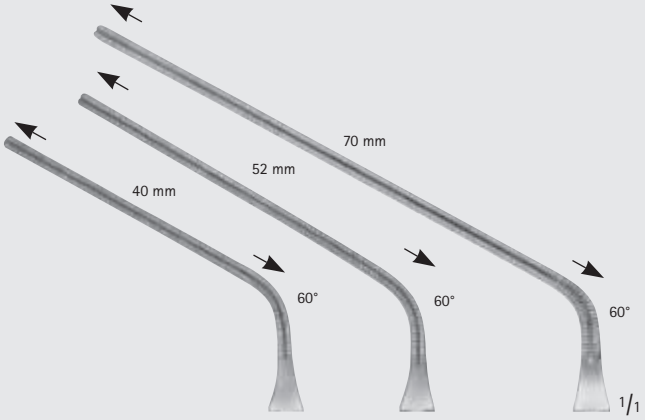
FB710R	160 mm	6 1/4"
FB712R	170 mm	6 3/4"
FB713R	180 mm	7"
FB715R	180 mm	7"

1/1

FB711R	FB714R
41 mm	52 mm

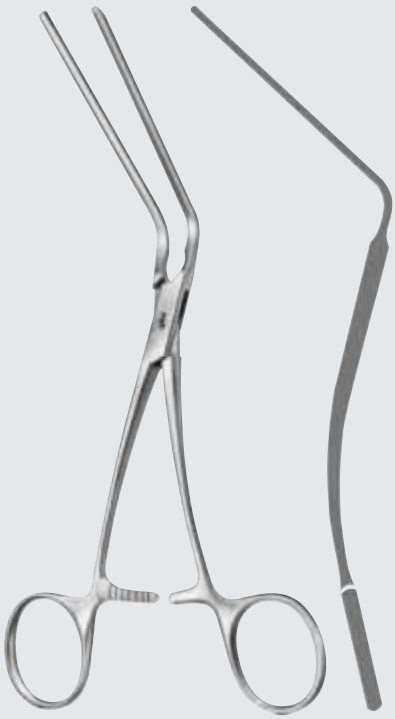
COOLEY

FB711R	160 mm	6 1/4"
FB714R	170 mm	6 3/4"



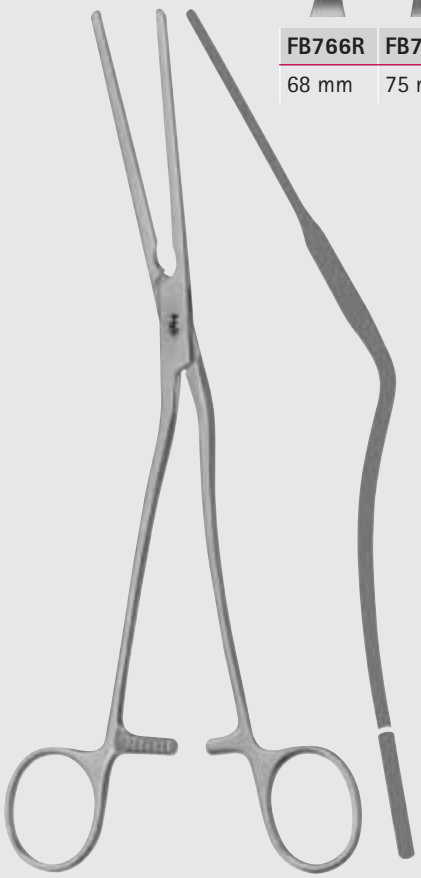
FB754R	FB755R	FB756R

FB766R	FB767R
68 mm	75 mm



COOLEY

FB754R	165 mm	6 1/2"
FB755R	170 mm	6 3/4"
FB756R	185 mm	7 1/4"



FB766R	225 mm	9"
FB767R	270 mm	10 3/4"

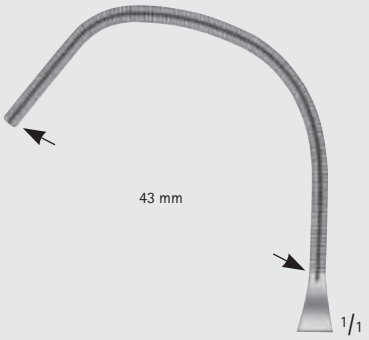
Herz- und Gefäß-Chirurgie – Cardiovascular Surgery

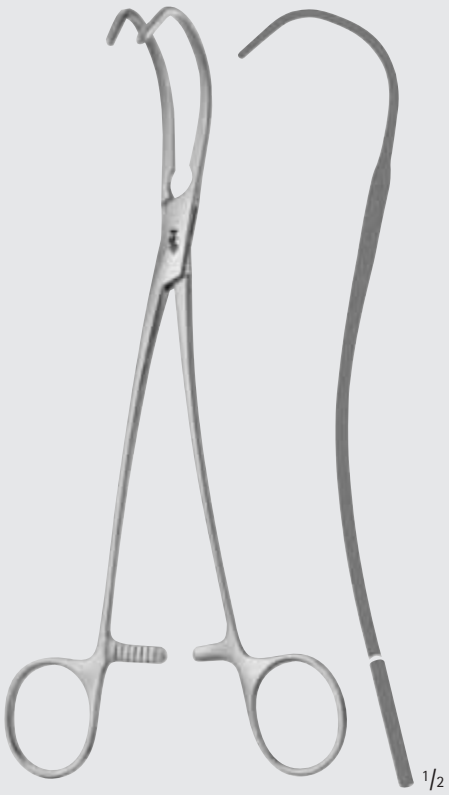
Anastomosenklemmen, Mehrzweckklemmen

Anastomosis Clamps, Multi-Purpose Clamps

COOLEY Zahnung

Toothing COOLEY

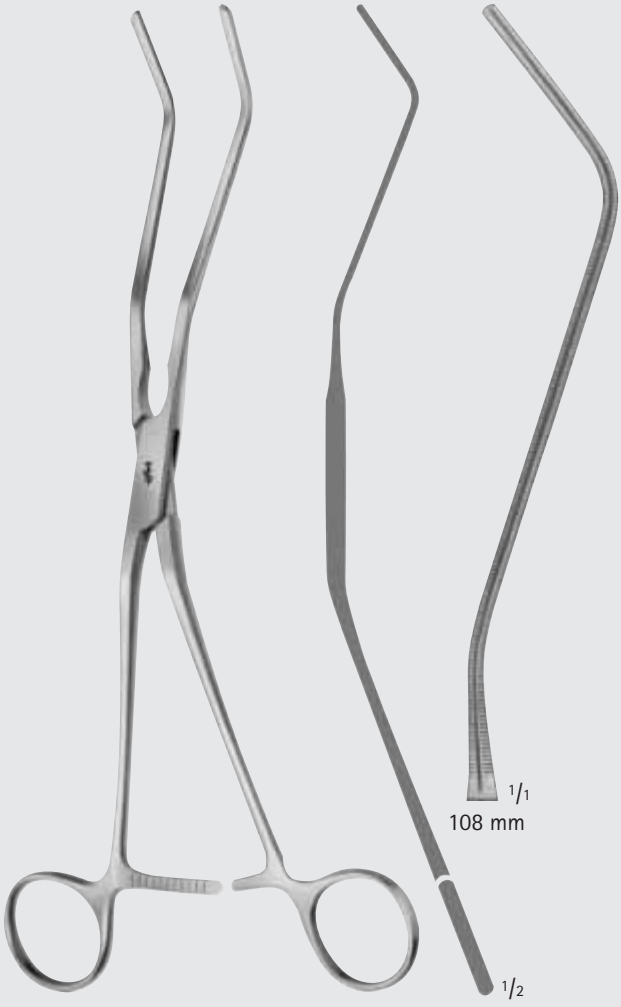




LEITZ

FB795R

205 mm, 8"



COOLEY

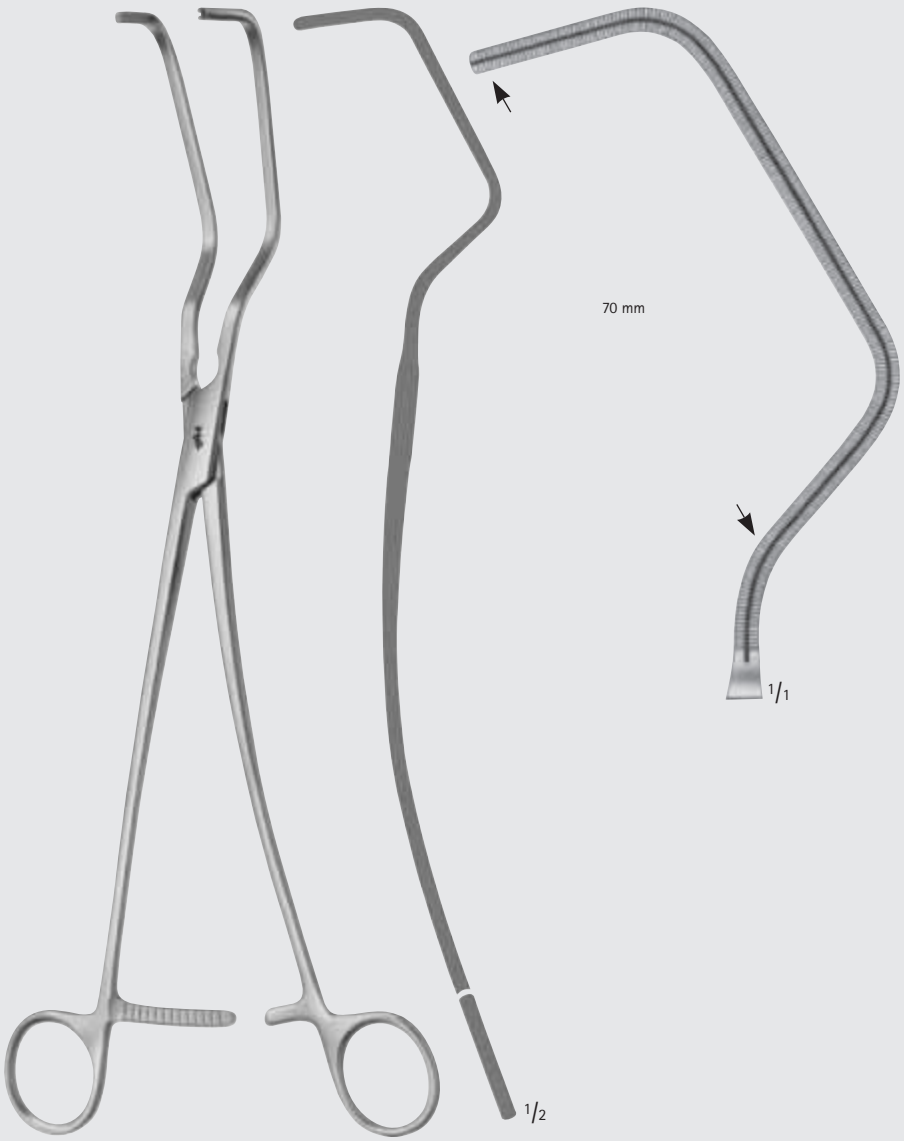
FB738R

260 mm, 10 3/4"

COOLEY

FB773R

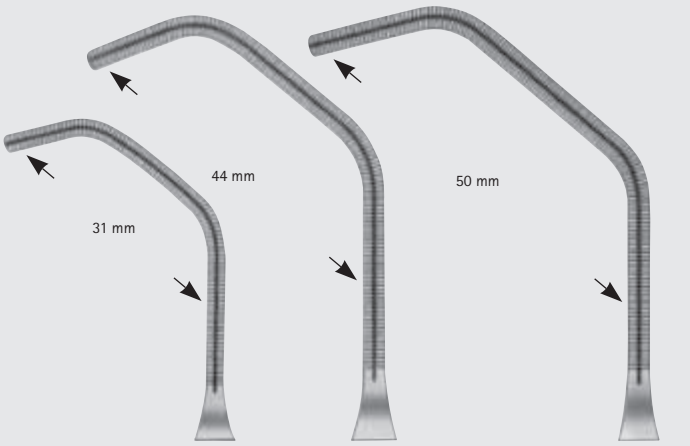
260 mm, 10 1/4"



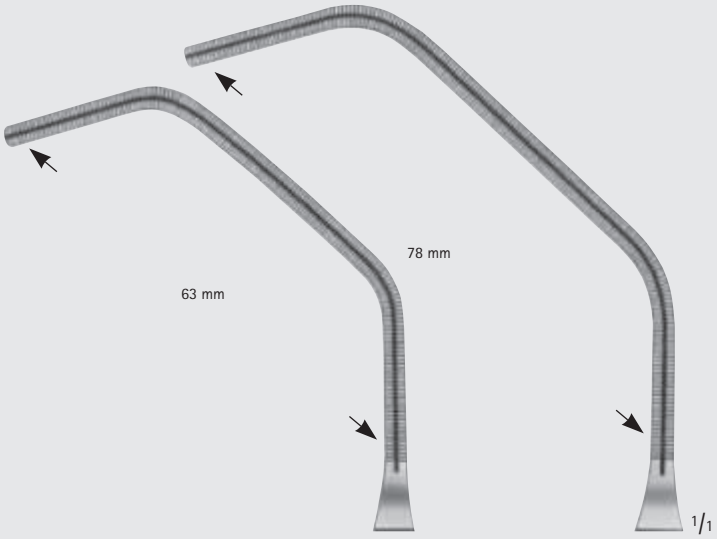
PARRY-COOLEY

FB775R

295 mm, 11 3/4"



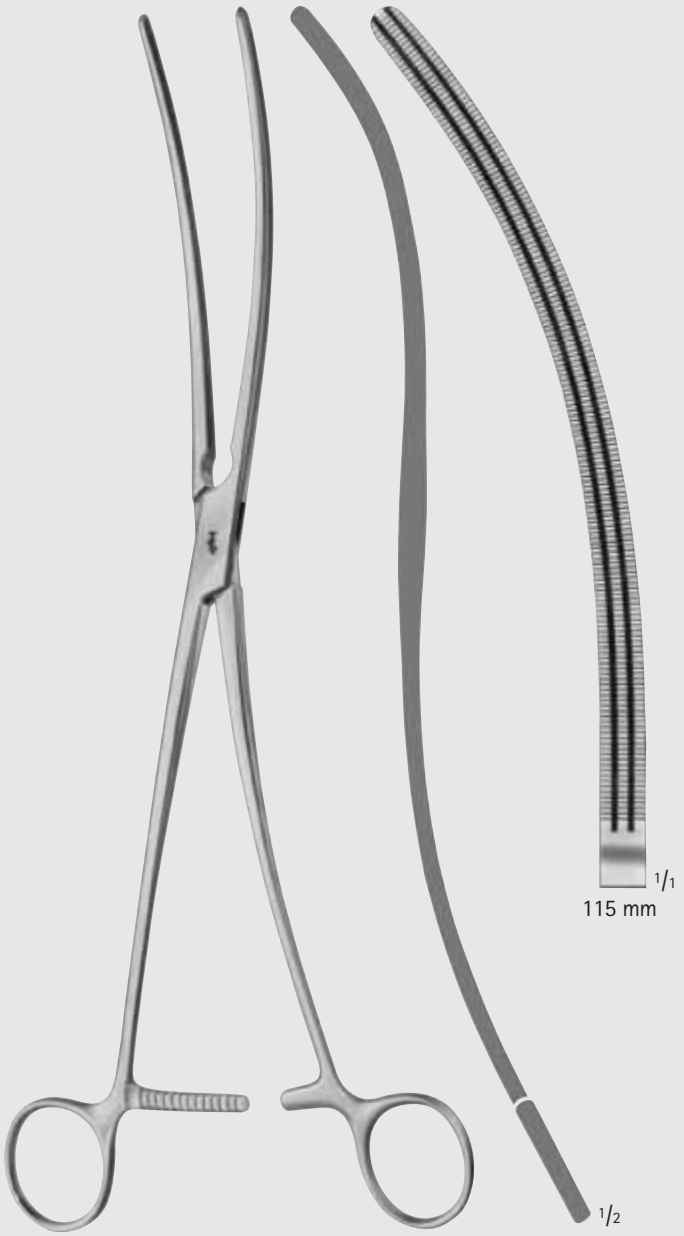
FB776R	FB777R	FB778R
205 mm	260 mm	265 mm
8"	10 1/4"	10 1/2"



FB779R	FB780R
265 mm	275 mm
10 1/2"	10 3/4"

COOLEY

FB776R–FB780R



COOLEY

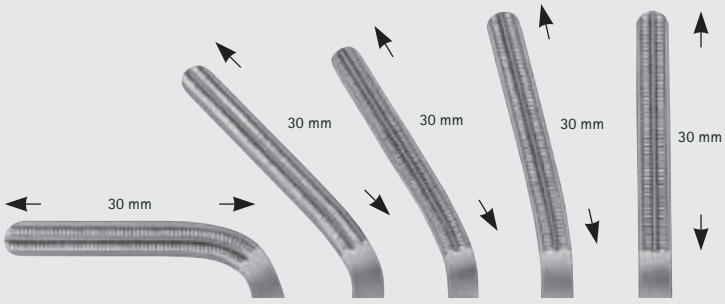
FB764R

320 mm, 12 3/4"

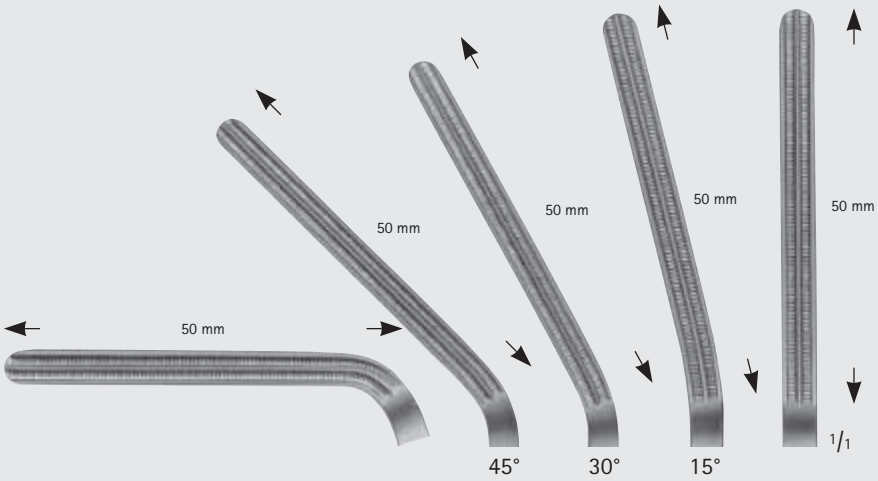
COOLEY

FB765R

285 mm, 11 1/4"



FC304R	FC303R	FC302R	FC301R	FC300R
130 mm	145 mm	150 mm	150 mm	150 mm
5 1/8"	5 3/4"	6"	6"	6"



FC314R	FC313R	FC312R	FC311R	FC310R
135 mm	160 mm	170 mm	170 mm	170 mm
5 1/4"	6 1/4"	6 3/4"	6 3/4"	6 3/4"

FC300R-FC314R

EA050R
160 mm
6 1/4"

EA052R
215 mm
8 1/2"

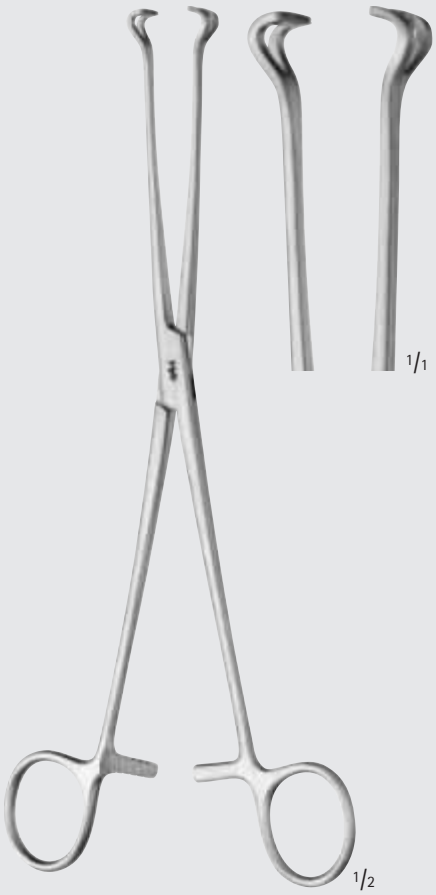
BABCOCK

EA050R-EA052R

BABCOCK

FB936R

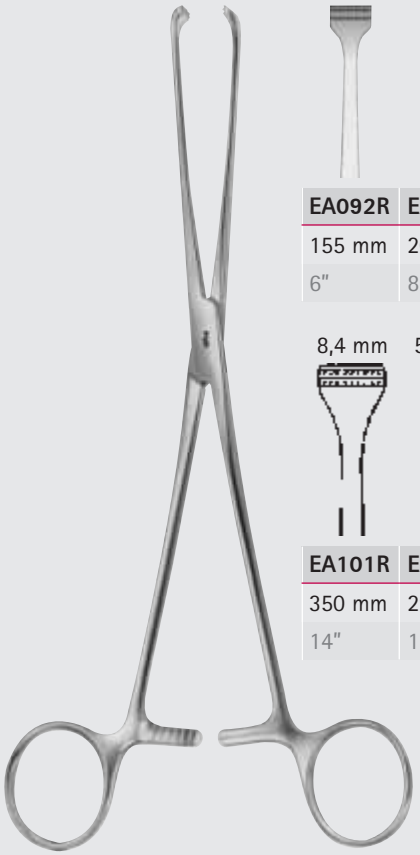
220 mm, 8 3/4"



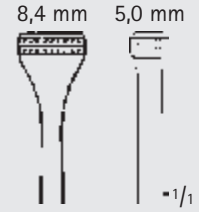
BABCOCK

MD470

240 mm, 9 1/2"



EA092R	EA095R	EA096R	EA097R	EA099R
155 mm	200 mm	220 mm	255 mm	300 mm
6"	8"	8 3/4"	10"	12"



EA101R	EA100R
350 mm	295 mm
14"	11 3/4"

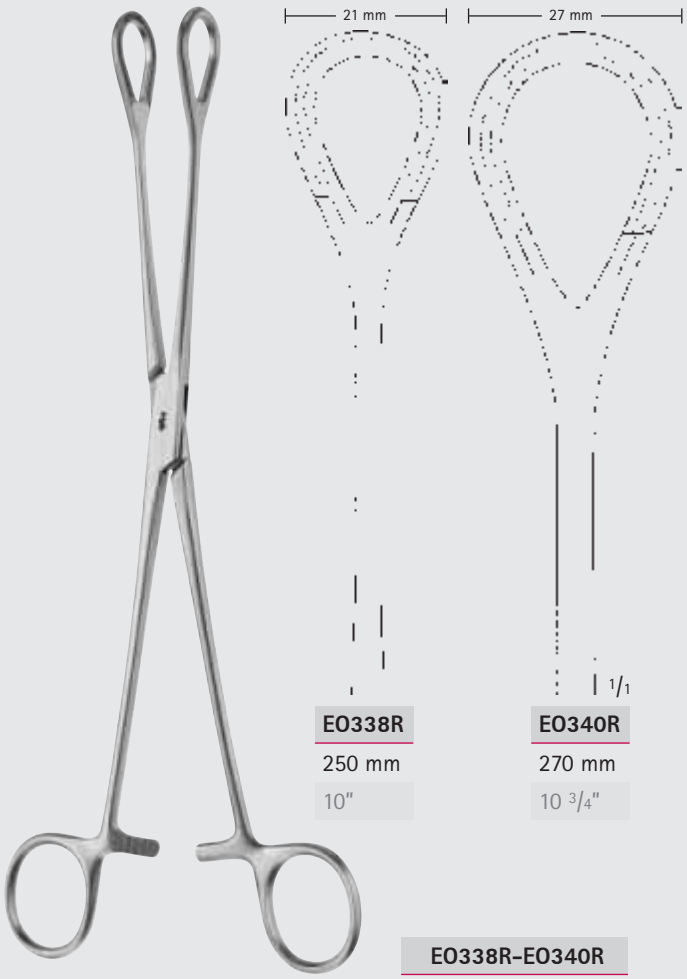
ALLIS

EA092R-EA101R

ALLIS

EA095R

besonders fein
very delicate
200 mm, 8"



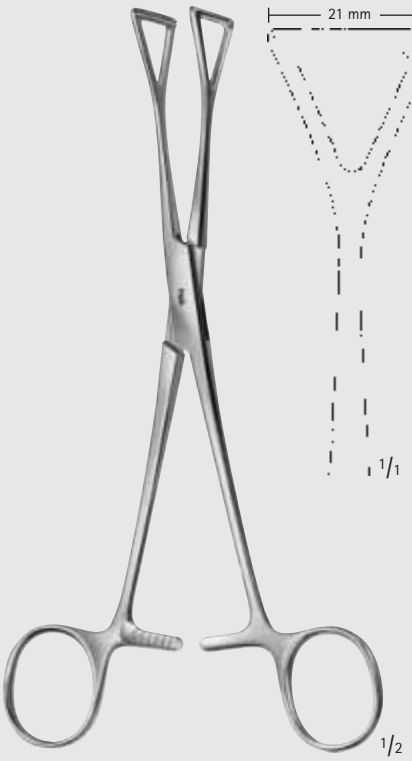
EO338R
250 mm
10"

EO340R
270 mm
10 3/4"

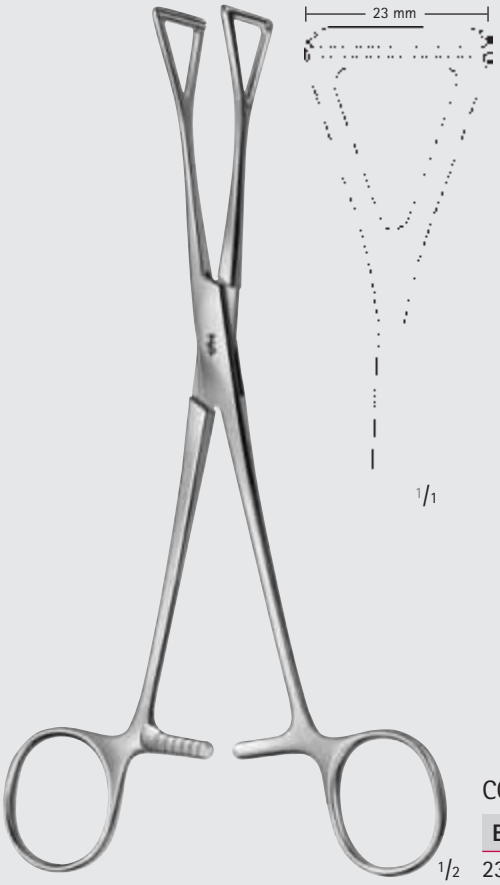
EO338R-EO340R

2:3 Zahnreihen

2:3 Teeth rows



COLLIN
EA061R
195 mm, 7 3/4"



COLLIN
EA062R
230 mm, 9"

Herz- und Gefäß-Chirurgie – Cardiovascular Surgery

Lungenfasszangen, -pinzetten
Lung Grasping Forceps

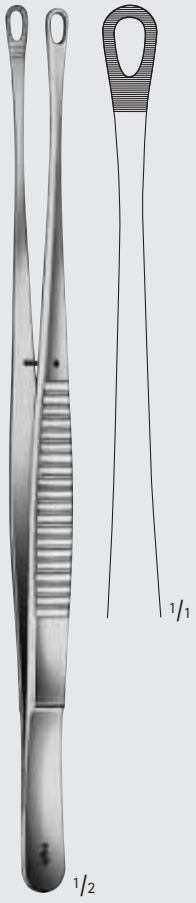
Weitere Gewebefasszangen siehe Rubrik EA
Weitere Ligaturklemmen siehe Rubrik BJ

Further tissue grasping forceps see section EA
Further ligature forceps see section BJ

WILLIAMS

EA028R

160 mm, 6 1/4"



TUTTLE

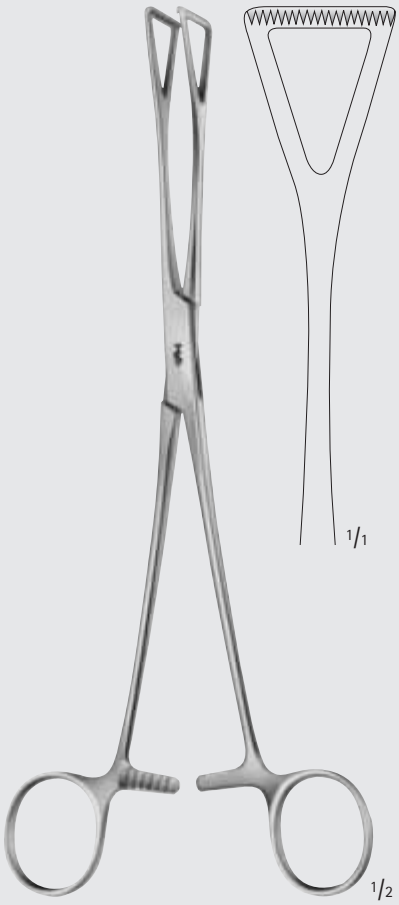
BD801R

230 mm, 9"

NELSON

BD802R

230 mm, 9"



DUVAL

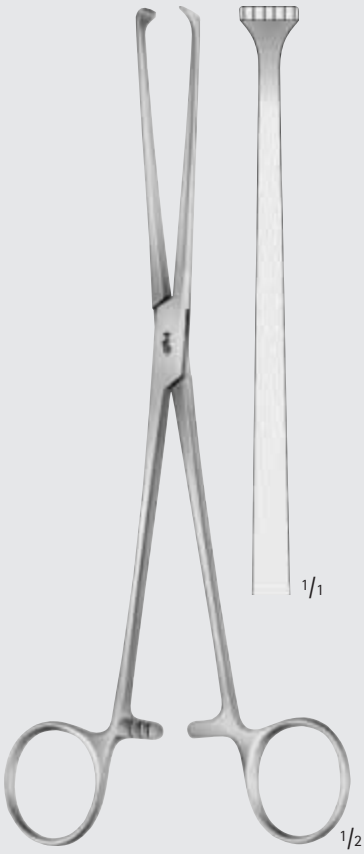
FB930R

230 mm, 9"

EA031R	EA032R	FB934R
170 mm	215 mm	220 mm
6 3/4"	8 1/2"	8 3/4"

BABCOCK

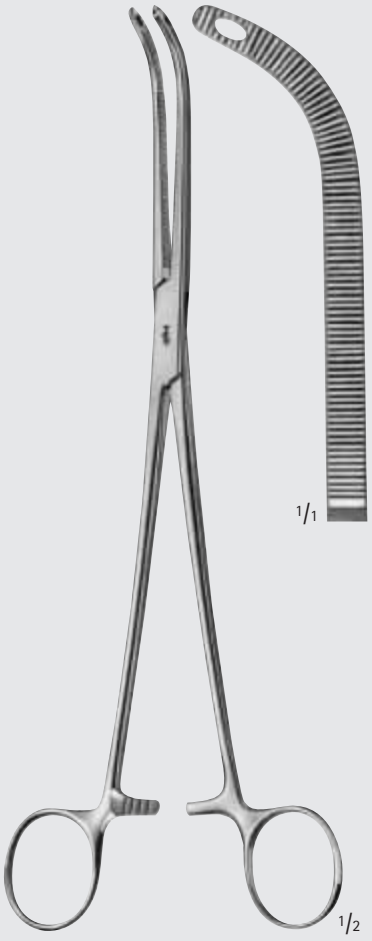
EA031R-FB934R



ALLIS

FB938R

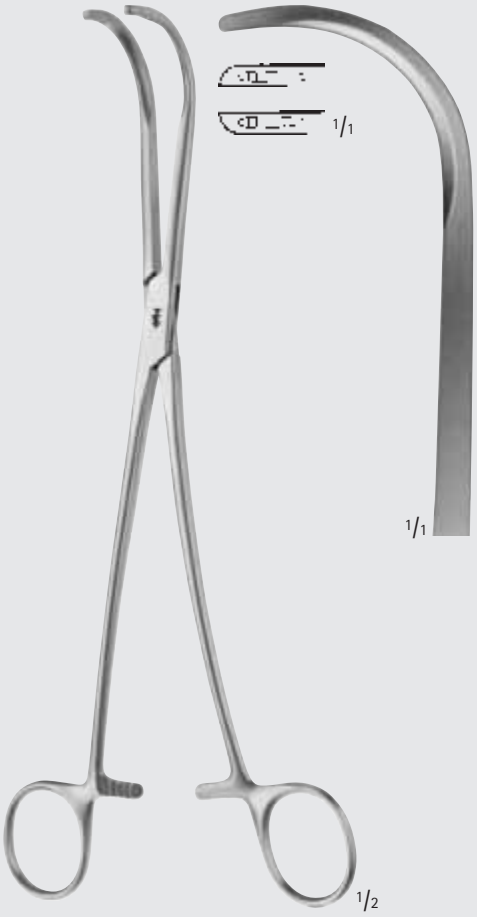
220 mm, 8 3/4"



FINOCHIETTO

BJ052R

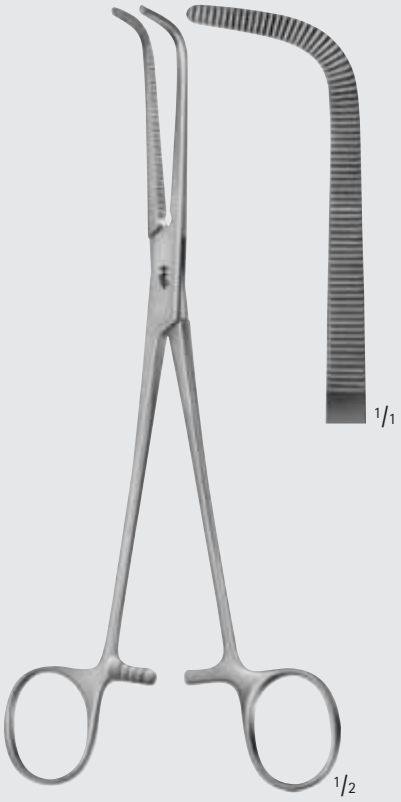
245 mm, 9 3/4"



SEMB

FB961R

240 mm, 9 1/2"



WIKSTROEM

BJ051R

205 mm, 8"

MIXTER

BJ055R

230 mm, 9"

BJ061R	BJ062R
220 mm	250 mm
8 3/4"	10"

MIXTER

BJ061R–BJ062R

MIXTER

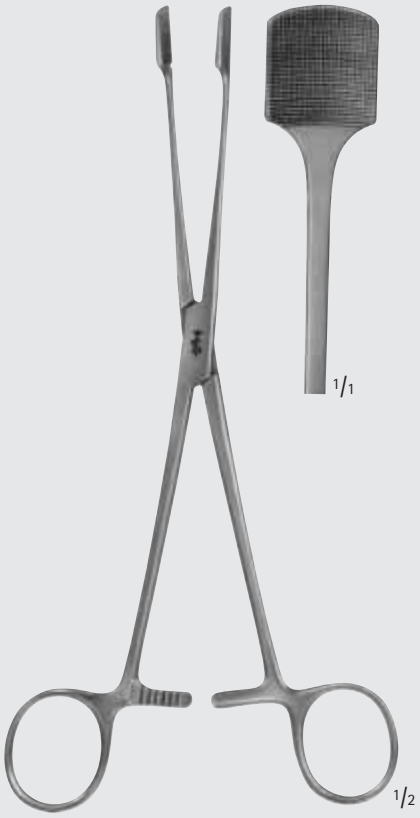
BJ073R

290 mm, 11 1/2"

Herz- und Gefäß-Chirurgie – Cardiovascular Surgery

Fixierklemme, Carotis Shunt Klemmen

Fixation Clamp, Carotid Shunt Clamps



BORST

FB940R

Klemme für eine effiziente Verklebung von Gewebeschichten bei der Aortendissektion

Forceps for efficient tissue gluing in aortic dissection

215 mm, 8 1/2"

JAVID

MB238R-MB239R

Carotis Shunt Klemmen

Carotid shunt clamps

MB238R	MB239R
168 mm	180 mm
6 5/8"	7"

BABY-SATINSKY

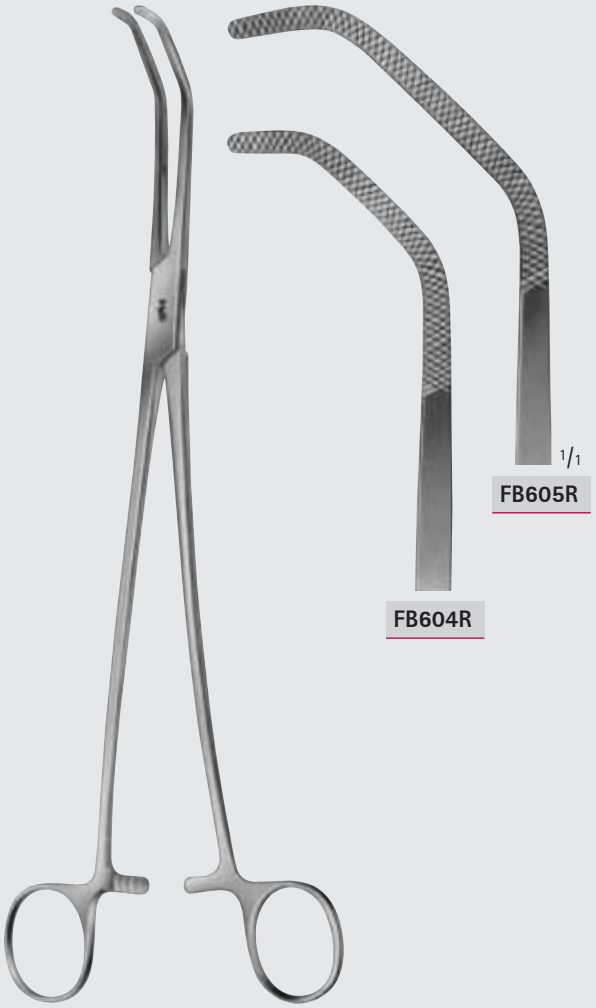
FB600R

Anastomosen-Klemme
Anastomosis clamp
150 mm, 6"

SATINSKY

FB602R

Anastomosen-Klemme
Anastomosis clamp
265 mm, 10 1/2"



SATINSKY

FB604R-FB605R

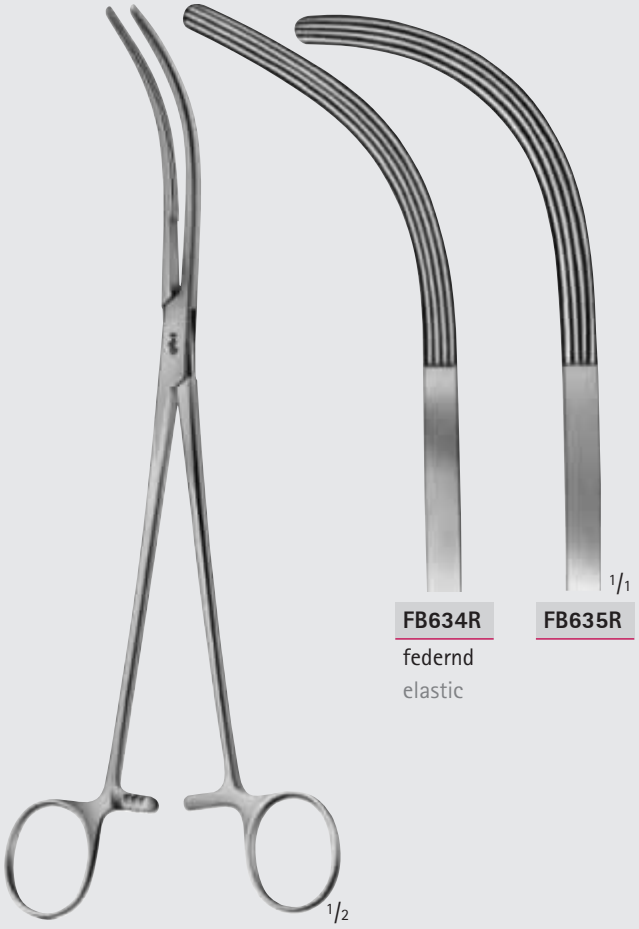
Anastomosen-Klemmen
Anastomosis clamps
265 mm, 10 1/2"

FB633R
federnd
elastic

CRAFOORD-SELLORS

FB633R

240 mm, 9 1/2"



FB634R
federnd
elastic

FB635R

CRAFOORD

FB634R–FB635R

240 mm, 9 1/2"

PRICE-THOMAS

FB950R

225 mm, 9"

FB955R

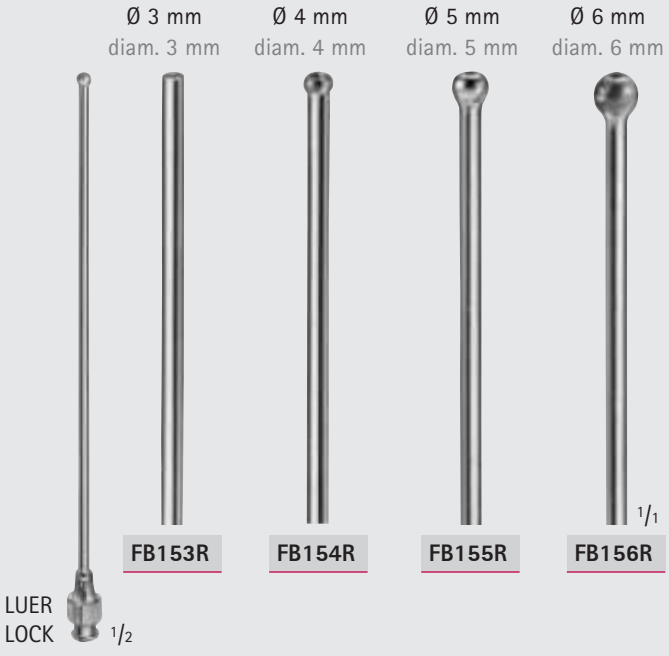
80 mm

FB954R

60 mm

FB954R-FB955R

230 mm, 9"



FB153R **FB154R** **FB155R** **FB156R**

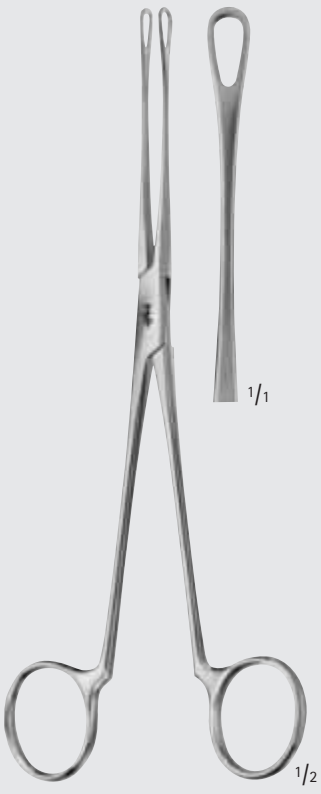
SCHMID

FB153R–FB156R

Gefäß-Spülkanülen,
biegsam, versilbert

Vessel irrigating cannulae,
malleable, silver plated

150 mm, 6"



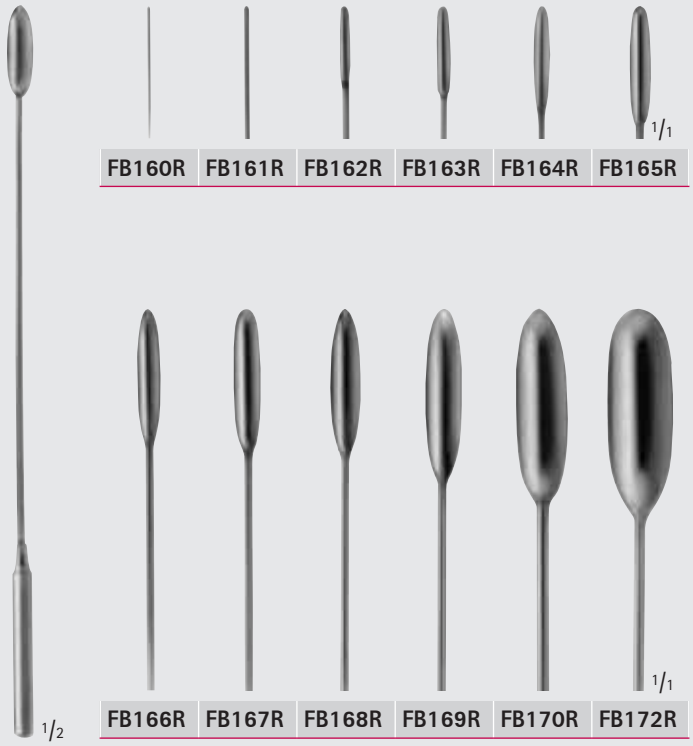
BLAKE

EB220R

Embolusfasszange

Embolus grasping forceps

205 mm, 8"



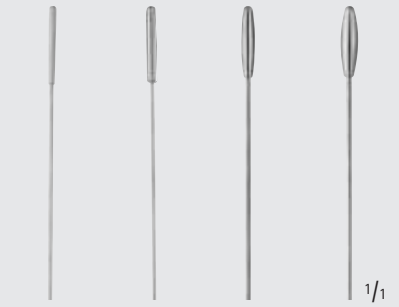
	Ø Diam.
FB160R	0,5 mm
FB161R	1,0 mm
FB162R	1,5 mm
FB163R	2,0 mm
FB164R	2,5 mm
FB165R	3,0 mm

	Ø Diam.
FB166R	3,5 mm
FB167R	4,0 mm
FB168R	4,5 mm
FB169R	5,0 mm
FB170R	7,0 mm
FB172R	9,0 mm

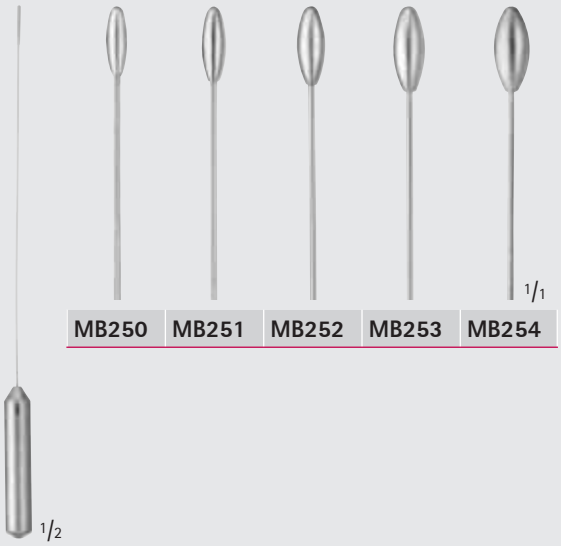
DE BAKEY

FB160R–FB172R

Gefäßdilatatoren, biegsam
Vascular dilators, malleable
190 mm, 7 1/2"



MB246 MB247 MB248 MB249



MB250 MB251 MB252 MB253 MB254

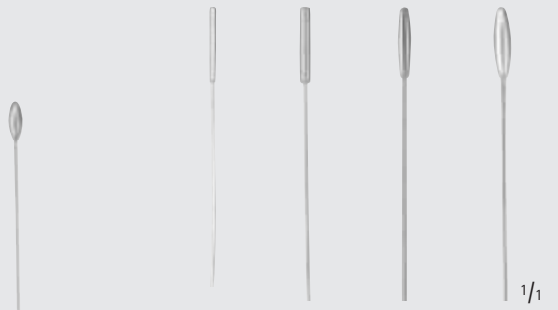
GARRETT

MB245

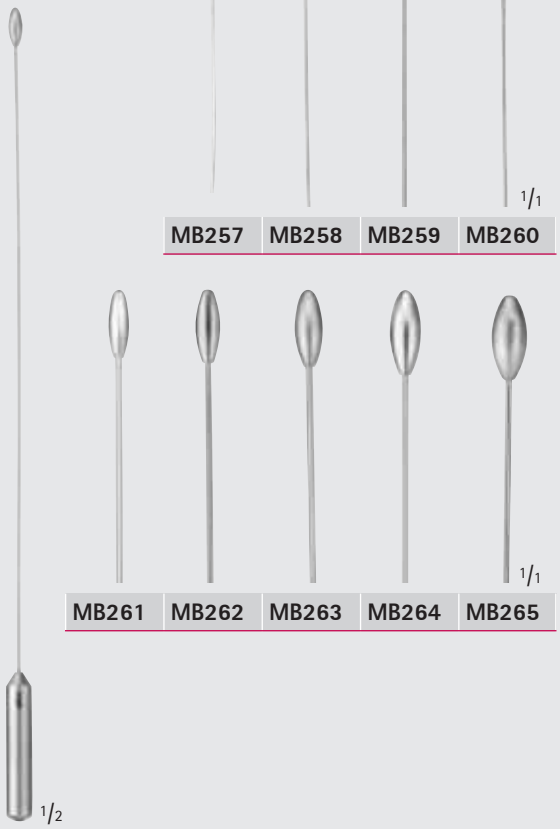
Set komplett,
bestehend aus:
MB246-MB254 jeweils 1 Dilatator

Set complete,
consisting of:
MB246-MB254 1 dilator of each

140 mm, 5 1/2"



MB257 MB258 MB259 MB260



MB261 MB262 MB263 MB264 MB265

GARRETT

MB256

Set komplett,
bestehend aus:
MB257-MB265 jeweils 1 Dilatator

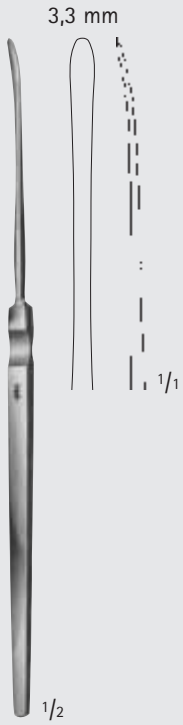
Set complete,
consisting of:
MB257-MB265 1 dilator of each

215 mm, 8 1/2"

stumpf
blunt

FB150R	185 mm	7 1/4"
FB151R	215 mm	8 1/2"

FD333R
230 mm, 9"

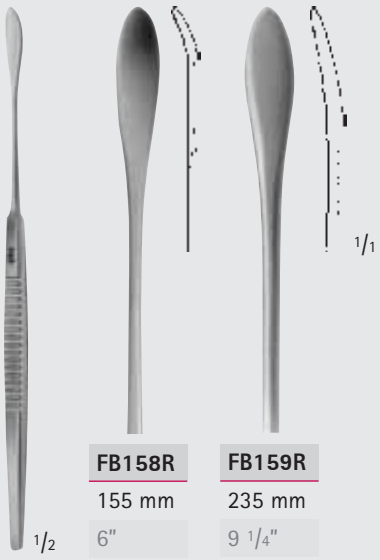


HALLE

OL160R
stumpf
blunt
180 mm, 7"

FREER

OL165R
scharf/stumpf
sharp/blunt
185 mm, 7 1/4"



FB158R
155 mm
6"

FB159R
235 mm
9 1/4"

SCHMID

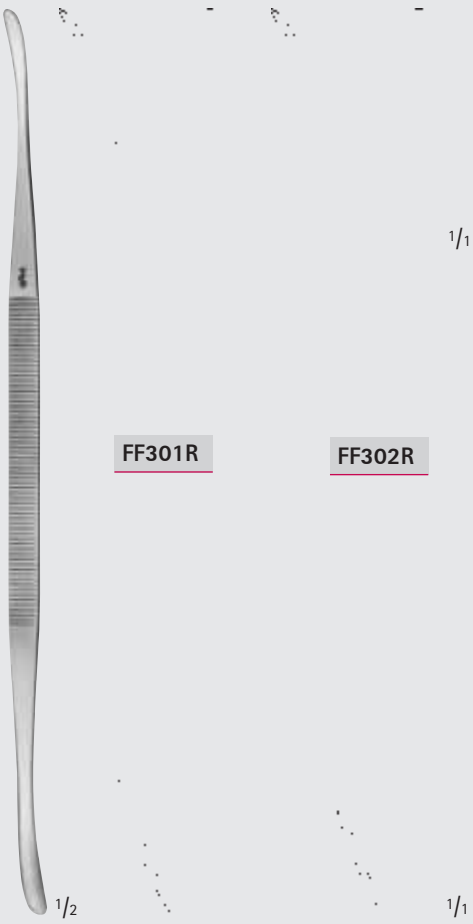
FB158R-FB159R

stumpf
blunt

DAVIS

FF300R

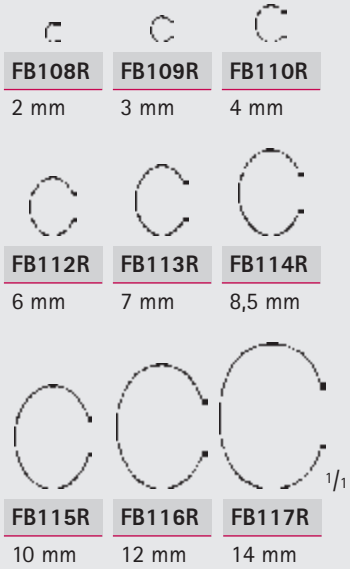
245 mm, 9 3/4"



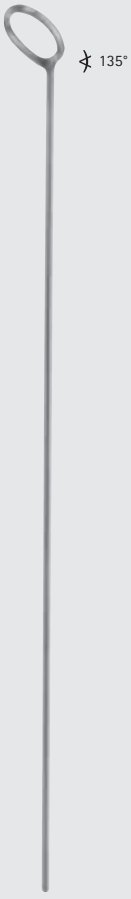
TÖNNIS

FF301R-FF302R

240 mm, 9 1/2"



FB108R 2 mm
FB109R 3 mm
FB110R 4 mm
FB112R 6 mm
FB113R 7 mm
FB114R 8,5 mm
FB115R 10 mm
FB116R 12 mm
FB117R 14 mm



FB108R–FB117R
Endarterektomiestripper
Endarterectomy strippers
550 mm, 22"

FB119R
Griff für FB108R–FB117R
Handle for FB108R–FB117R
110 mm, 4 3/8"

RUMEL–BELMONT

FB651R
Ø diam.
4 mm

325 mm, 13"

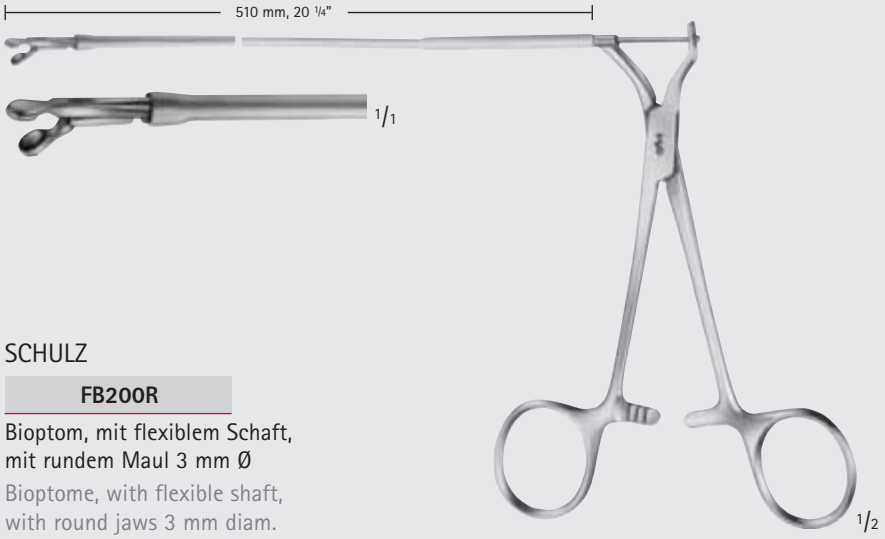
FB653R
Mandrin allein
Guide only

FB654R
Mandrin allein
Guide only

Herz- und Gefäß-Chirurgie – Cardiovascular Surgery

Bioptom und Aorta-Dilatatoren, Aortenstanzen

Bioptome und Aortic Dilators, Aorta Punches

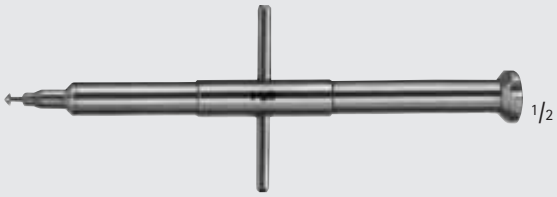


SCHULZ

FB200R

Bioptom, mit flexiblem Schaft,
mit rundem Maul 3 mm Ø

Bioptome, with flexible shaft,
with round jaws 3 mm diam.

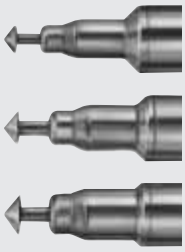


FB194R–FB196R

Aortenstanzen

Aorta punches

140 mm, 5 ½"



FB194R	Ø 4 mm	diam. 4 mm
FB195R	Ø 5 mm	diam. 4 mm
FB196R	Ø 6 mm	diam. 4 mm

VASCUCUT Stanzenköpfe
Bestelleinheit:
PAK = Packung à 5 Stück

VASCUCUT Punch heads
Sales unit:
PAK = Package of 5 pieces

FB184R

Ø 4 mm

diam. 4 mm

FB185R

Ø 5 mm

diam. 5 mm

FB186R

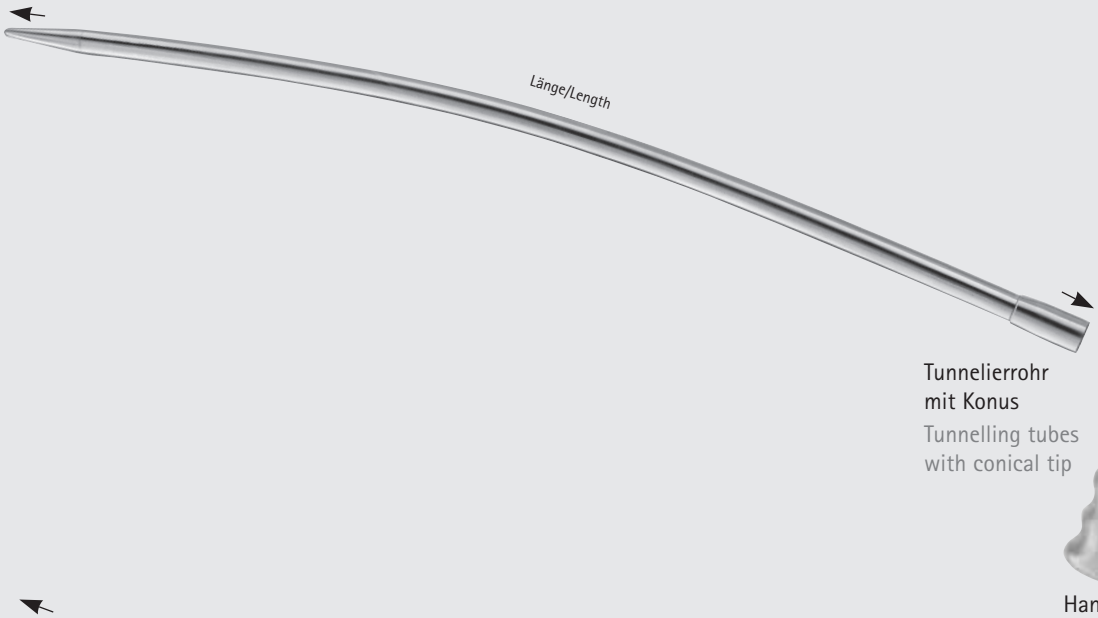
Ø 6 mm

diam. 6 mm

FB180R

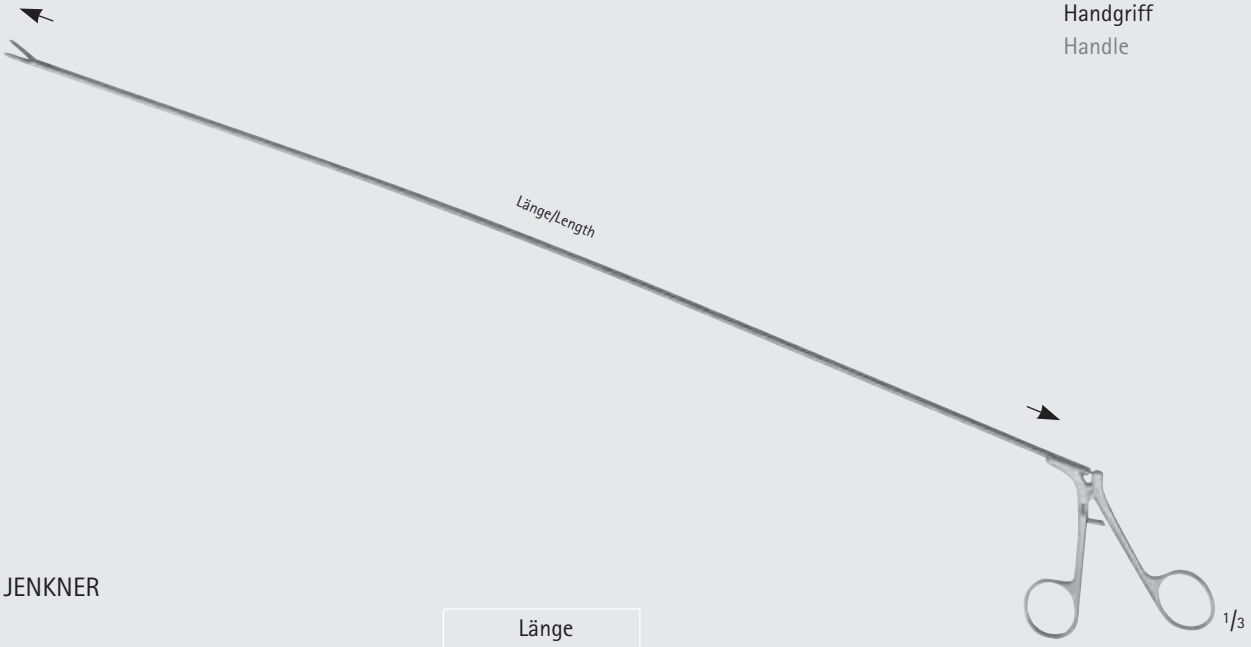
VASCUCUT Handgriff allein

VASCUCUT Handle only



Tunnelierrohr
mit Konus
Tunnelling tubes
with conical tip

Handgriff
Handle



Durchziehzange
Forceps

JENKNER

		Länge Length	
	Ø Diam.	400 mm 20"	500 mm 20"
Tunnelierrohre mit Konus Tunneling tubes with conical tip	12 mm	**FC004R**	**FC005R**
	14 mm	**FC014R**	**FC015R**
	17 mm		**FC025R**
Handgriff Handle		**FC030**	
Durchziehzange Forceps		**FC034R**	**FC035R**

Informationen über das operative Vorgehen siehe Prospekt C-060.
Information about the operative procedure see leaflet C-060.

Herz- und Gefäß-Chirurgie – Cardiovascular Surgery

Gefäßprothesen-Durchziehzange

Vascular Prosthesis Draw-In Forceps

Die leichte Krümmung der Zange ermöglicht ein Handling beim Tunnelieren. Zum Durchziehen der Prothese kann die Zange entweder direkt angelegt werden (alloplastische Prothesen) oder mittels der Bulldogklemme (autologe/homologe Prothesen). Die Bulldogklemme sitzt dank Formschluss unverrückbar und sicher im Maul der Einzugszange.

The slight curvature of the introducer forceps permits handling during tunneling. Here the prosthesis can be drawn in by applying the introducer forceps directly to the prosthesis (alloplastic prosthesis) or can be drawn in by means of the bulldog clamp (autologous/homologous prosthesis). Thanks to the interlocking fit, the bulldog clamp rests non-displaceable and securely in the mouth of the introducer forceps.

ALLENBERG

FC048R

gebogen

curved

540 mm, 21 1/2"

FC049R

Bulldog-Klemme

Bulldog clamp

40 mm, 1 1/2"

1/1

WITT

SR421R	1,5 x 51 mm

Sternum-Punktionskanüle
mit Luer-Ansatz
Sternal puncture needle
with Luer cone

1/2

SCHUMACHER

FB911R

Sternumschere
Sternum shears
210 mm, 8 1/4"

BRAUN-STADLER

ET141R

Sternumschere für Kinder
Sternum shears for children
200 mm, 8″

LEBSCHE

FB918R

Sternummeißel
Sternum chisel
200 mm, 8″

FB870R
230 mm, 9"

GLUCK

FB873
190 mm, 7 1/2"

BETHUNE

FB878R
340 mm, 13 1/2"

SAUERBRUCH

FB881R
für Kinder
for children
240 mm, 9 1/2"

FB882R
für Erwachsene
for adults
270 mm, 10 3/4"

1/3

BRUNNER

FB892R

Universalmodell
Universal pattern
340 mm, 13 1/2"

1/3

GIERTZ-STILLE

FB890R

250 mm, 10"

SEMB

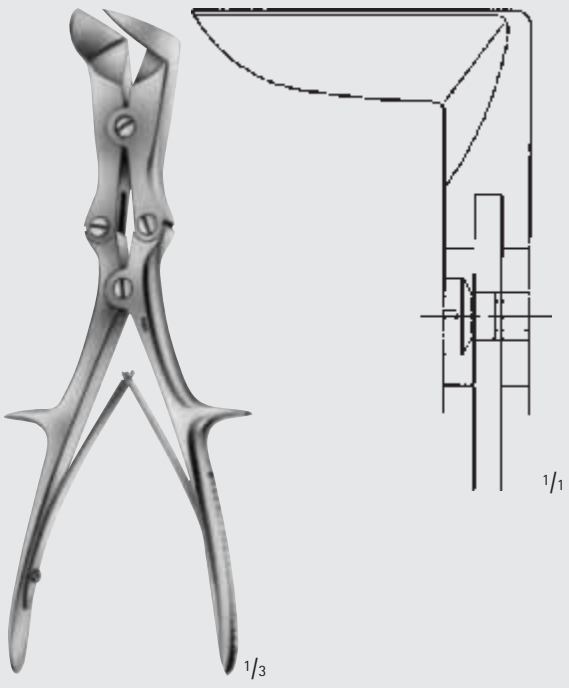
FO135R

Rippen- und Knochenfasszange
Rib- and bone holding forceps
190 mm, 7 1/2"

SEMB

FO136R

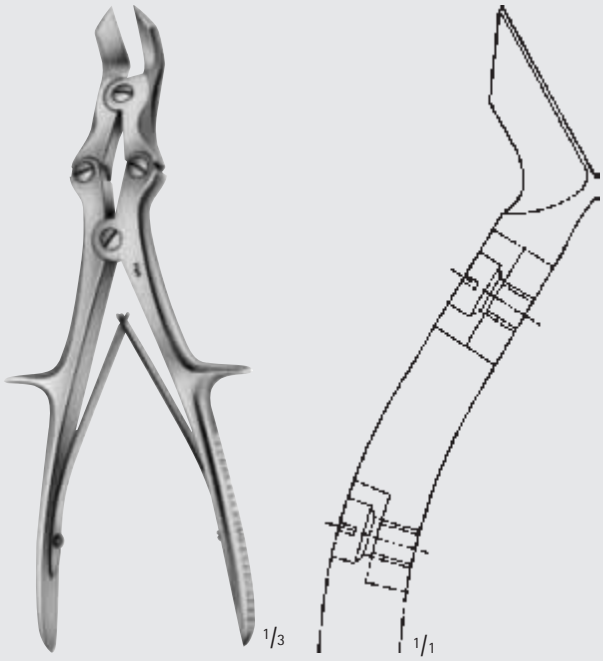
Rippen- und Knochenfasszange
Rib- and bone holding forceps
190 mm, 7 1/2"



LISTON-STILLE

FO648R

Knochensplitterzange
Bone cutting forceps
265 mm, 10 1/2"



LISTON-KEY-HORSLEY
(TUDOR EDWARDS)

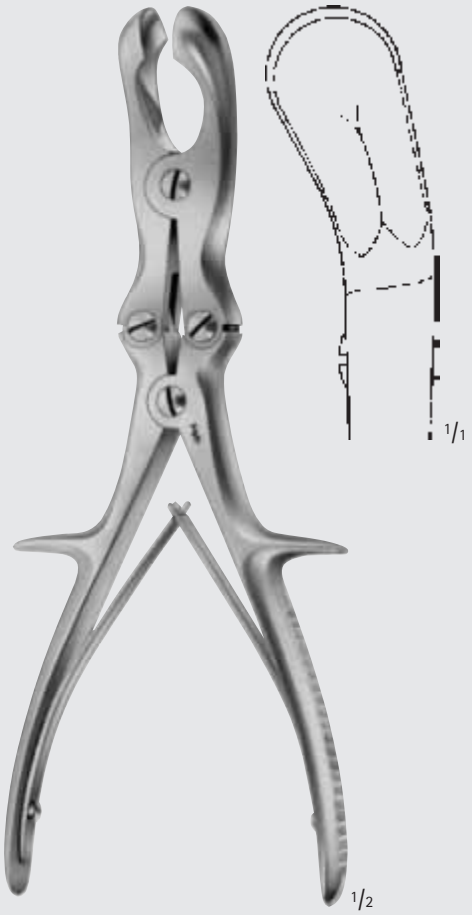
FO649R

Knochensplitterzange
doppelt gebogen für hintere Rippenstümpfe
Bone cutting forceps
s-shaped for posterior rib ends
255 mm, 10"

Herz- und Gefäß-Chirurgie – Cardiovascular Surgery

Hohlmeißelzangen
Rib Rongeurs

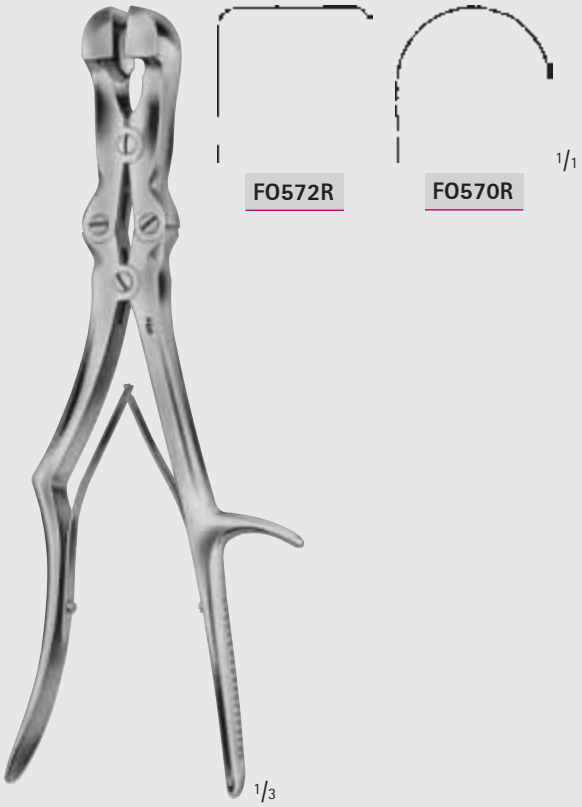
Weitere Knochenhaltezangen, Knochensplitterzangen und Hohlmeißelzangen siehe Rubrik FO
Further bone holding forceps, bone cutting forceps and bone rongeurs see section FO



SEMB

FO555R

Hohlmeißelzange zum Kürzen der Rippenstümpfe
Rib rongeur to shorten the rib stumps
240 mm, 9 1/2"



SAUERBRUCH-CORYLLOS

FO570R–FO572R

Hohlmeißelzange zum Kürzen der Rippenstümpfe
Rib rongeur to shorten the rib stumps
310 mm, 12 3/8"

DOYEN

FK400R-FK401R

für Kinder

for children

175 mm, 7"

DOYEN

FK402R-FK403R

für Erwachsene

for adults

175 mm, 7"

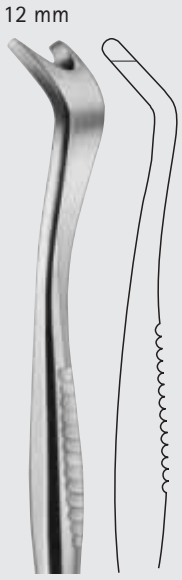
DOYEN

FK408R-FK409R

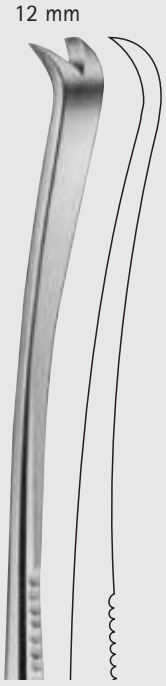
240 mm, 9 1/2"

SEMB

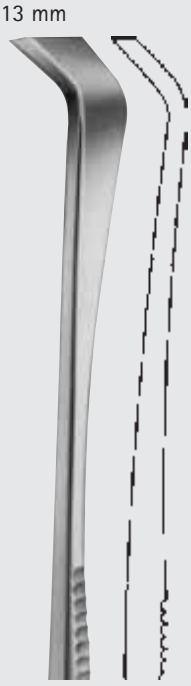
FK381R–FK387R



FK381R
190 mm
7 1/2"



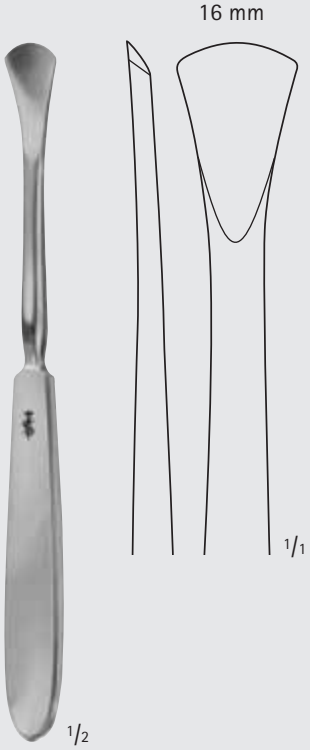
FK382R
230 mm
9"



FK383R
230 mm
9"

FK384R
230 mm
9"

FK387R
230 mm
9"



LANGENBECK

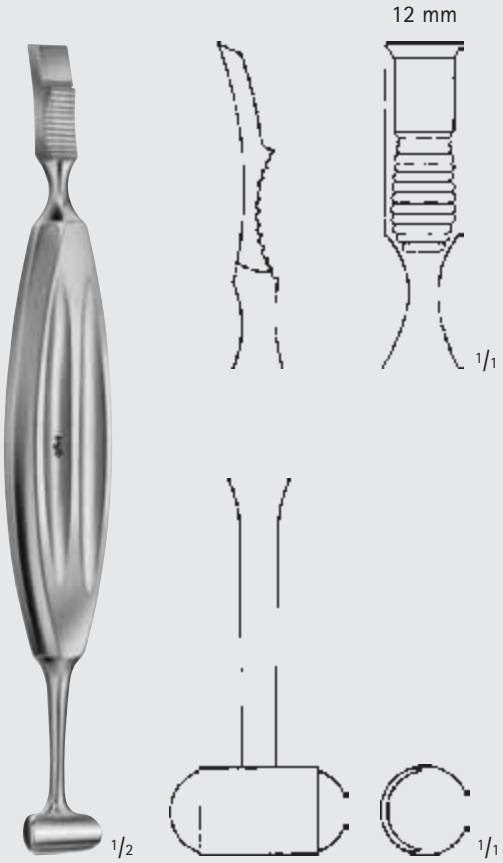
FK360R

190 mm, 7 1/2"

LAMBOTTE

FK355R	5 mm
FK356R	10 mm
FK357R	15 mm
FK358R	20 mm
FK359R	25 mm

215 mm, 8 1/2"



ALEXANDER

FK420R

210 mm, 8 1/4"

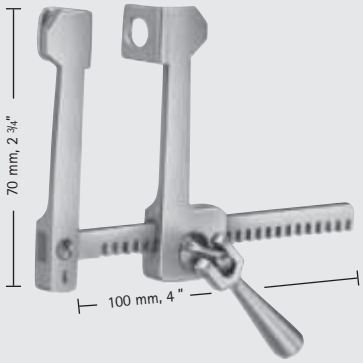
Herz- und Gefäß-Chirurgie – Cardiovascular Surgery

Thoraxsperrer (Aluminium)

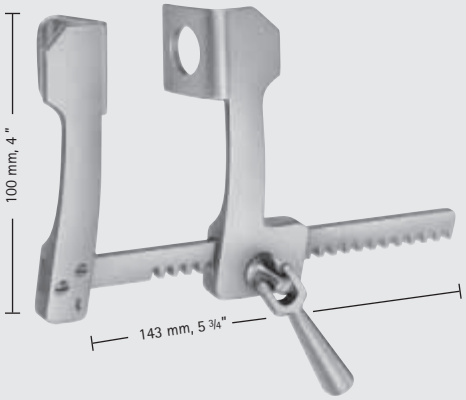
Thoracic Retractors (Aluminium)

Maßangaben für Blattgrößen der Rippensperrer
1. Zahl = Tiefe Beispiel: 38 x 45 mm
2. Zahl = Breite

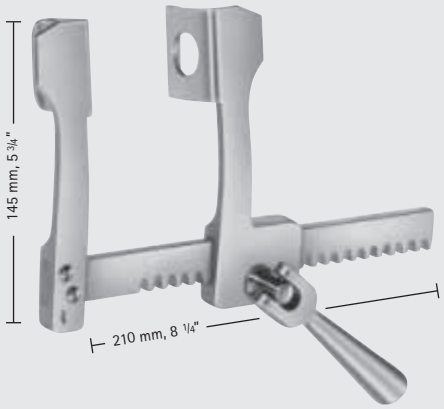
Dimensions for blade size of rib spreaders:
1st number = depth Example: 38 x 45 mm
2nd number = width



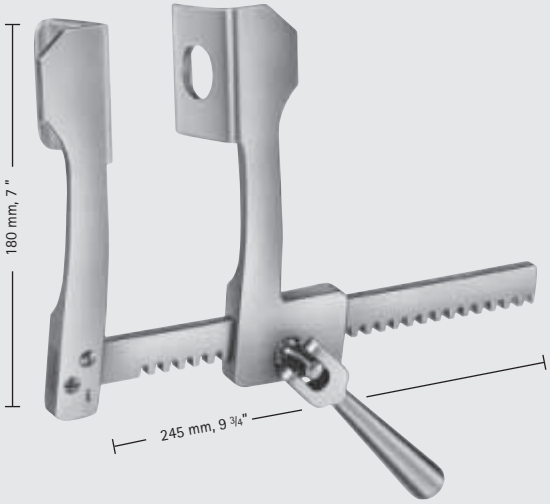
	Blätter / Blades
FINOCHIETTO	
FC040A	12 x 15 mm



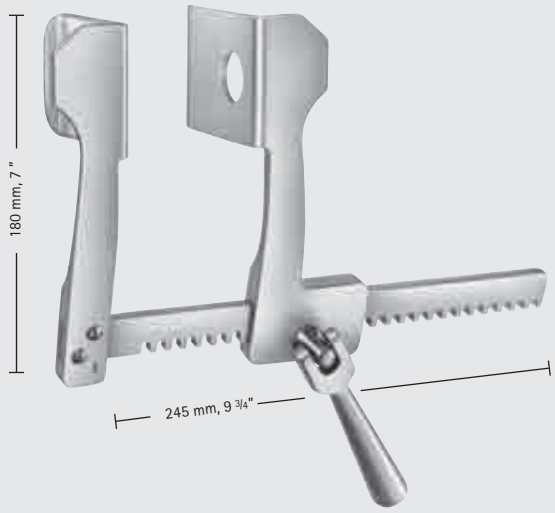
	Blätter / Blades
FINOCHIETTO	
FC041A	28 x 30 mm



	Blätter / Blades
FINOCHIETTO	
FC042A	31 x 45 mm



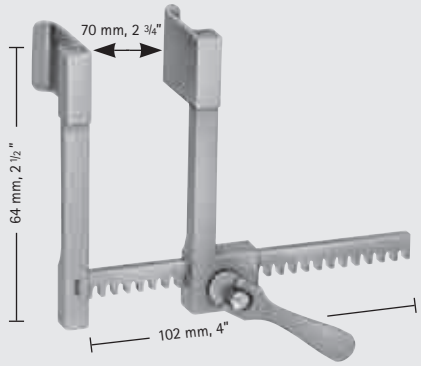
	Blätter / Blades
FINOCHIETTO	
FC043A	42 x 61 mm



FINOCHIETTO

Blätter
Blades

FC044A	74 x 64 mm

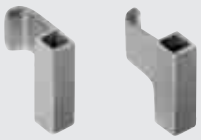


STRUCK

FB852R

Rippensperrer für Kleinkinder
komplett,
bestehend aus:
FB853R Sperrer allein
FB857R Blätter (Paar)
FB858R Blätter (Paar)

Rib spreader for infants complete,
consisting of:
FB853R Retractor only
FB857R Blades (pair)
FB858R Blades (pair)

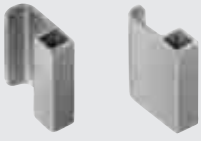


Blätter
Blades

FB854R	10 x 10 mm

Blätter
Blades

FB855R	10 x 15 mm



Blätter
Blades

FB856R	10 x 20 mm

Blätter
Blades

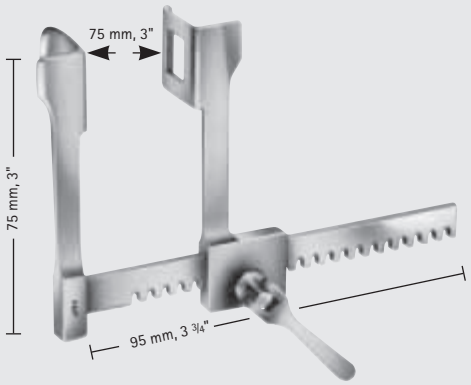
FB857R	15 x 20 mm

Blätter
Blades

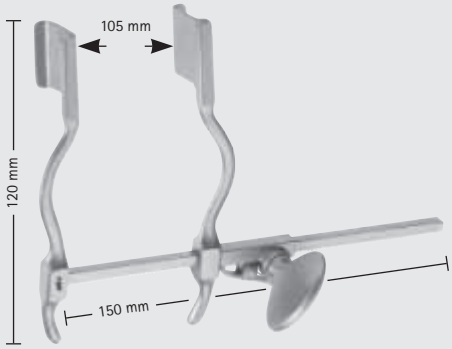
FB858R	20 x 20 mm

Herz- und Gefäß-Chirurgie – Cardiovascular Surgery

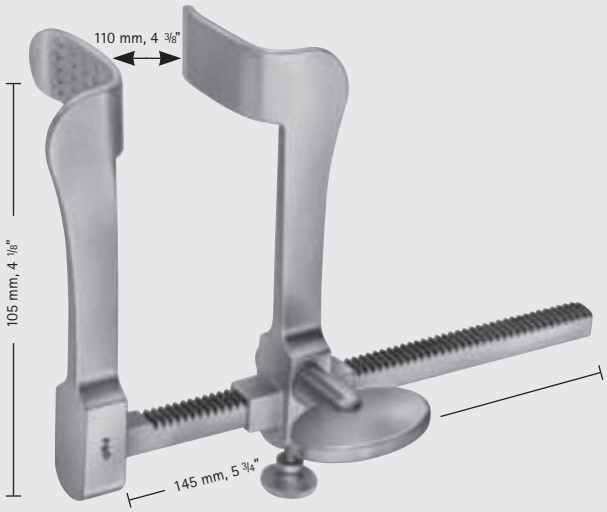
Rippensperrer für Kinder
Rib Retractors for Infants



	Blätter / Blades
FINOCHIETTO	
FB830R	18 x 21 mm

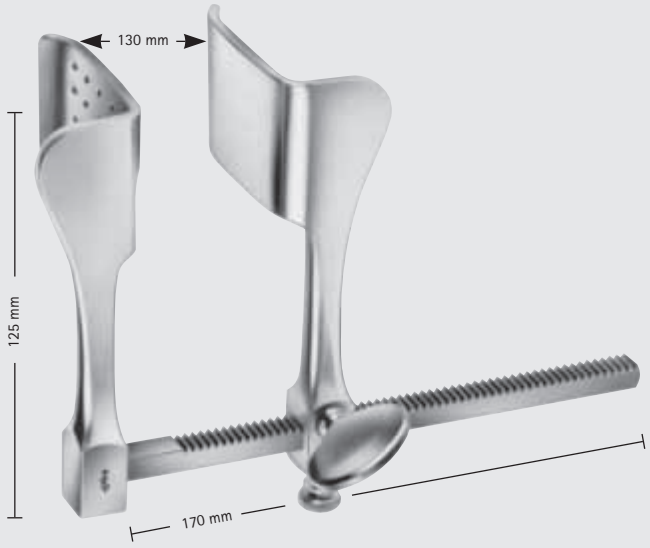


	Blätter / Blades
HERTZLER	
BV512R	20 x 25 mm



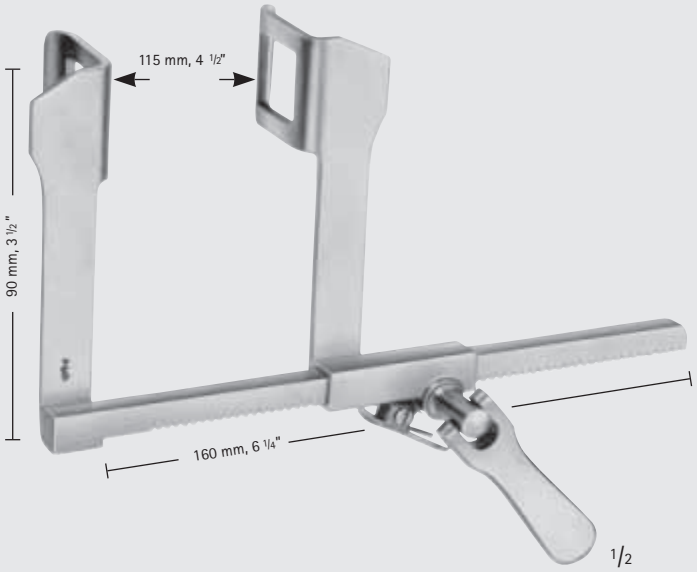
	Blätter / Blades
TUFFIER	
FB847R	32 x 19 mm

INCHES



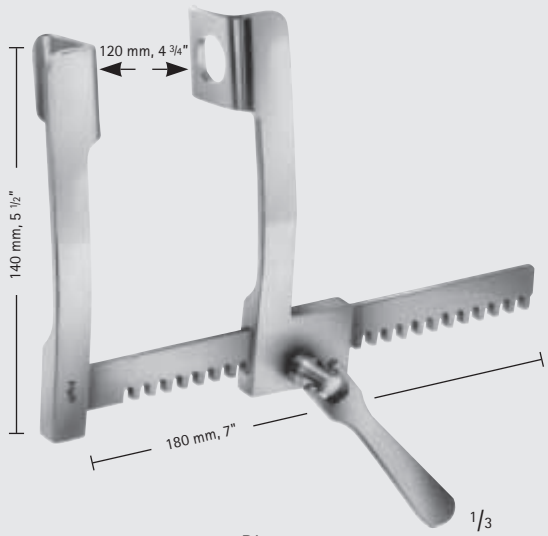
TUFFIER

	Blätter Blades
FB800R	43 x 53 mm



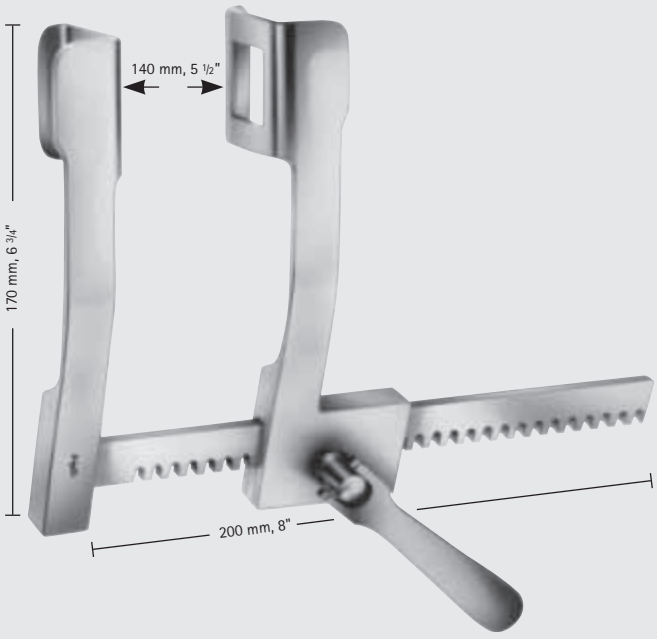
HAIGHT

	Blätter Blades
FB835R	30 x 30 mm



FINOCHIETTO

	Blätter Blades
FB836R	28 x 32 mm



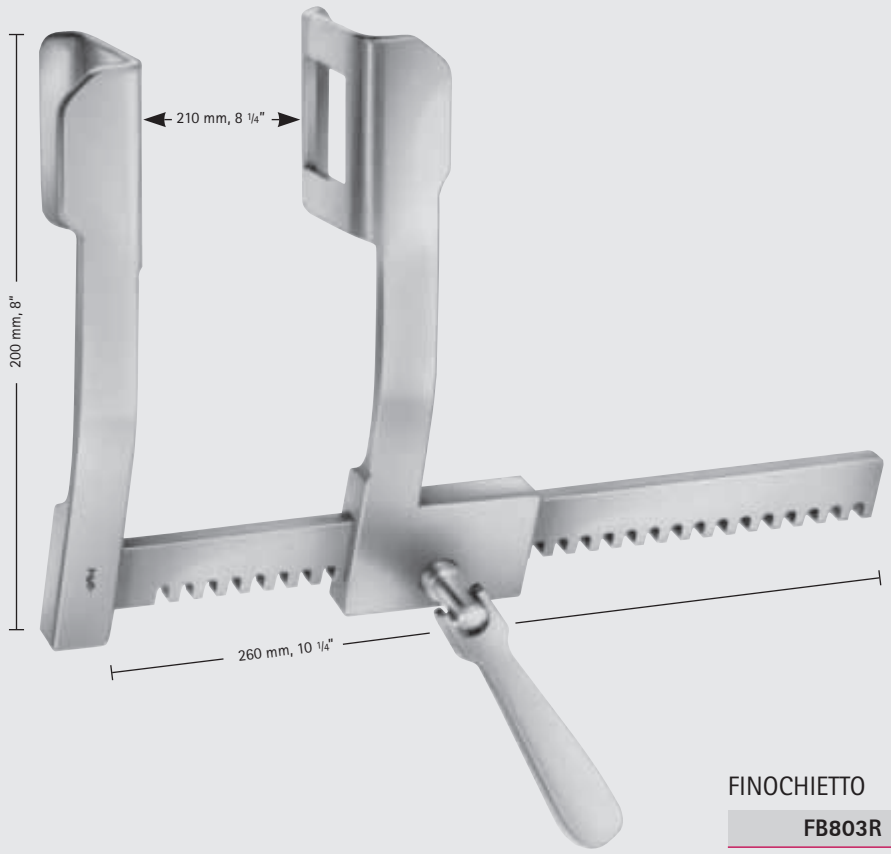
FINOCHIETTO

	Blätter Blades
FB802R	36 x 45 mm

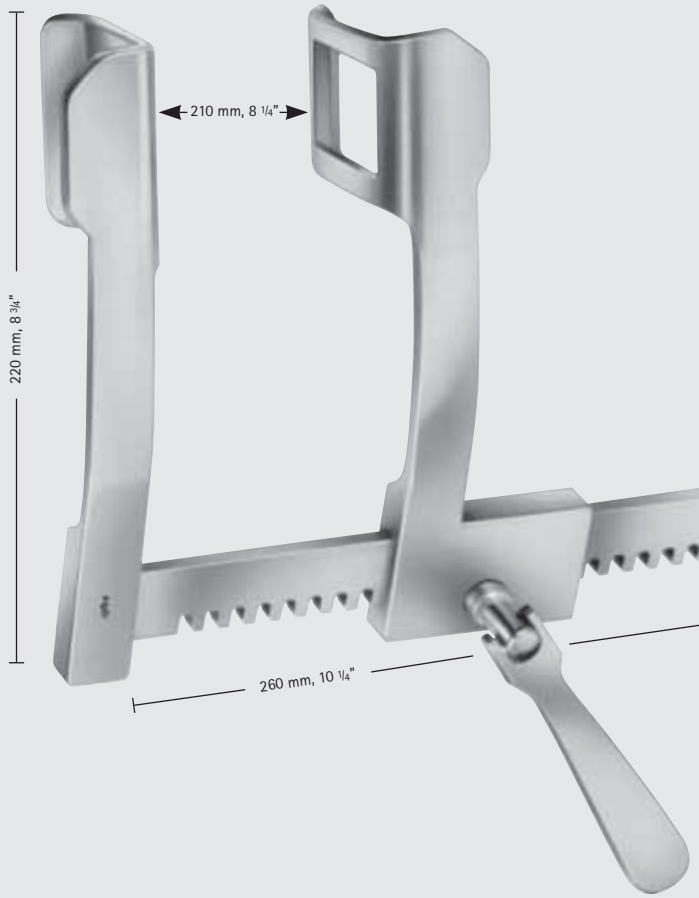
MILLIMETERS

Herz- und Gefäß-Chirurgie – Cardiovascular Surgery

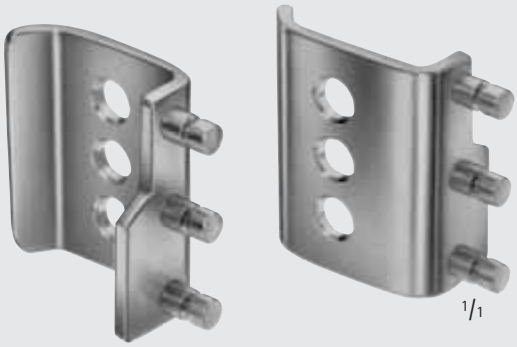
Rippensperrer
Rib Retractors



	Blätter Blades
FINOCHIETTO	
FB803R	44 x 65 mm



	Blätter Blades
FINOCHIETTO	
FB804R	65 x 65 mm

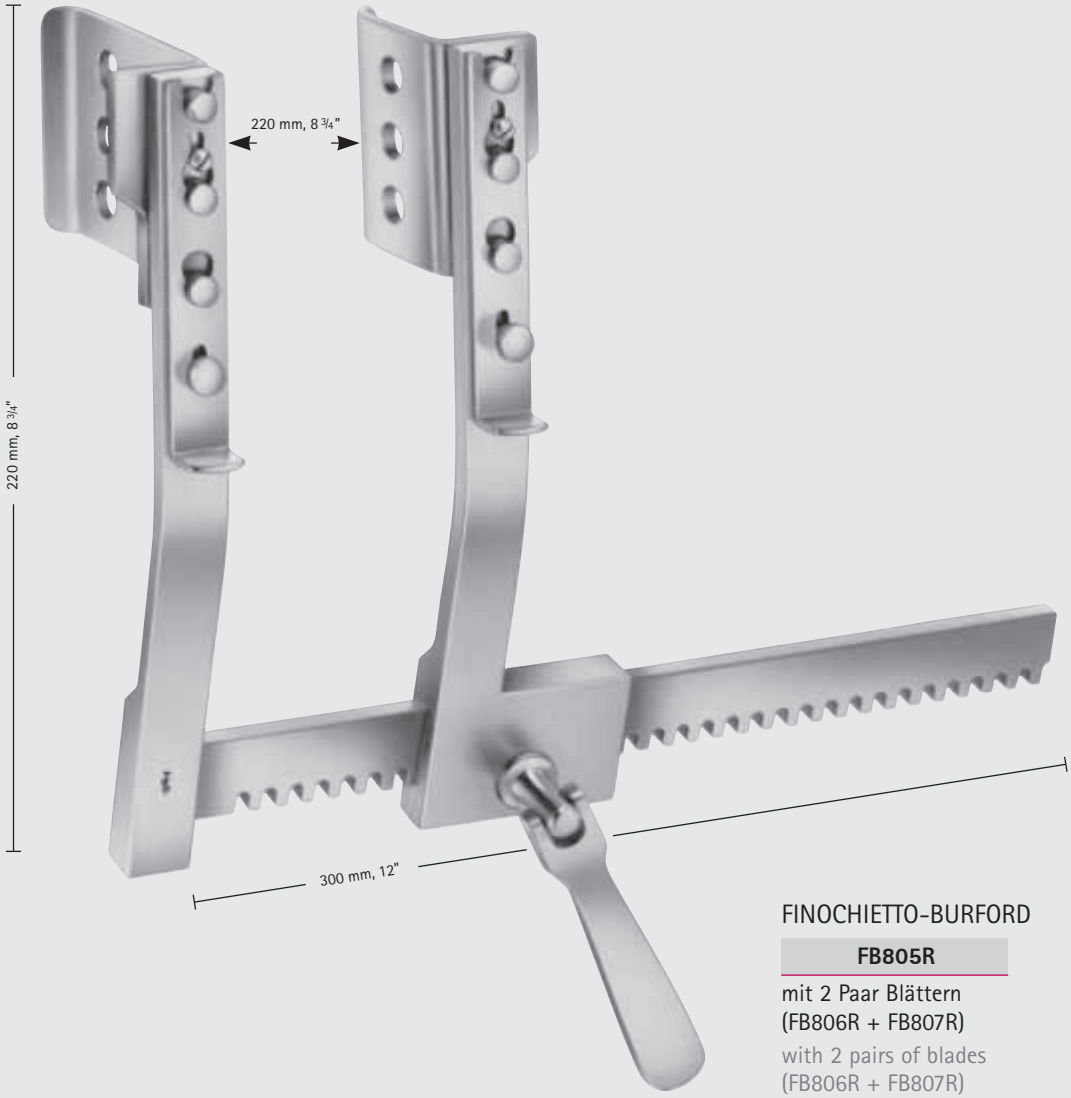


Blätter
Blades

FB806R	45 x 64 mm

Blätter
Blades

FB807R	75 x 64 mm



FINOCHIETTO-BURFORD

FB805R	

mit 2 Paar Blättern
(FB806R + FB807R)

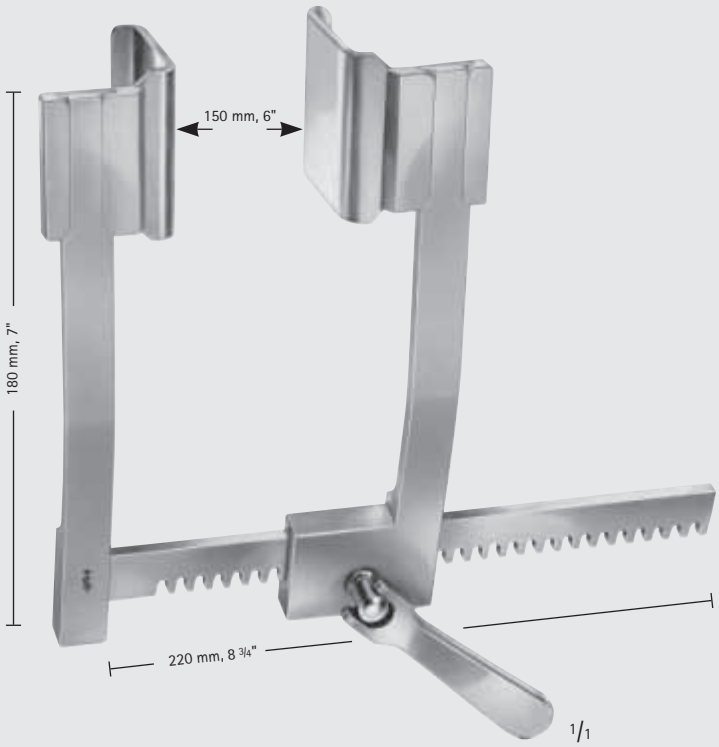
with 2 pairs of blades
(FB806R + FB807R)

Herz- und Gefäß-Chirurgie – Cardiovascular Surgery

Rippensperrer
Rib Retractors

Besondere Vorteile:
- Blätter ohne Schrauben und Hebel austauschbar.
- Keine überstehenden Teile, glatte Flächen, daher kein Hängenbleiben von Ligaturfäden usw.

Special advantages:
- Improved fixing system for interchangeable blades.
- No protruding parts, therefore no risk of catching sutures.



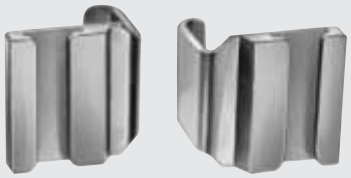
1/1

DE BAKEY

FB808R

Rippensperrer komplett, bestehend aus:
FB809R Sperrer allein
FB810R Blätter (Paar)
FB811R Blätter (Paar)
FB812R Blätter (Paar)

Rib spreader complete, consisting of:
FB809R Spreader only
FB810R Blades (pair)
FB811R Blades (pair)
FB812R Blades (pair)



1/1

FB810R 30 x 30 mm
Blätter
Blades

1/1

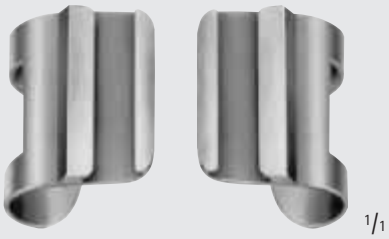
FB811R 40 x 40 mm
Blätter
Blades

1/1

FB812R 50 x 50 mm
Blätter
Blades

Besondere Vorteile:
- Blätter ohne Schrauben und Hebel austauschbar.
- Keine überstehenden Teile, glatte Flächen, daher kein Hängenbleiben von Ligaturfäden usw.

Special advantages:
- Improved fixing system for interchangeable blades.
- No protruding parts, therefor no risk of catching sutures.



1/1

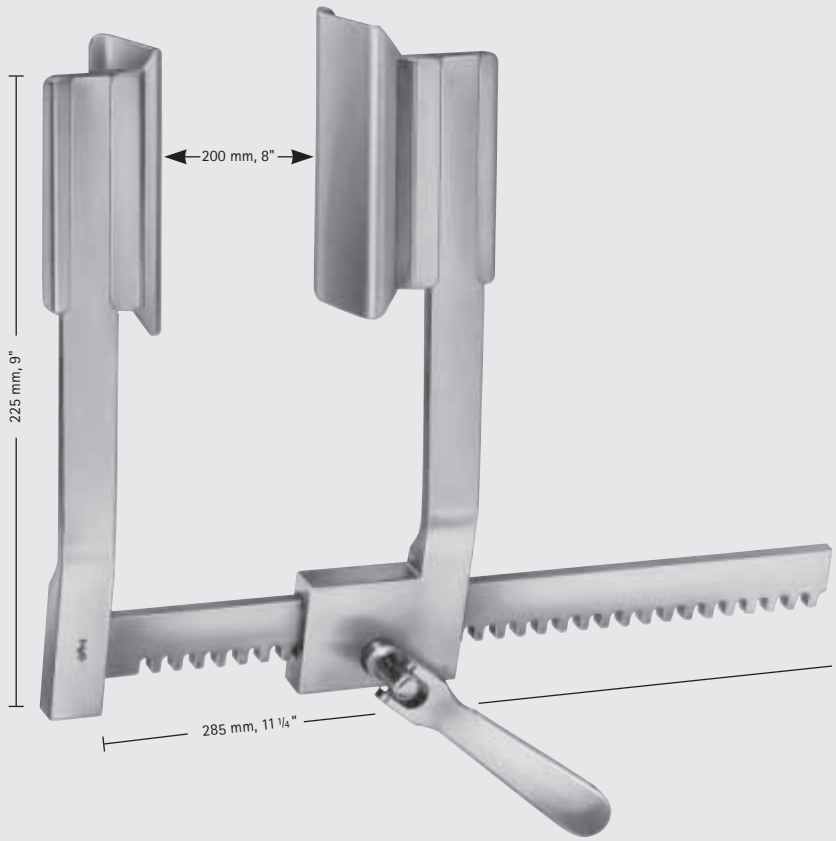
FB813R 50 x 66 mm
Sternotomieblätter
Sternotomy blades

1/1

FB816R 60 x 60 mm
Blätter
Blades

1/1

FB817R 50 x 80 mm
Blätter
Blades



1/1

FB818R 40 x 100 mm
Blätter
Blades

DE BAKEY

FB814R

Rippensperrer komplett, bestehend aus:
FB815R Sperrer allein
FB816R Blätter (Paar)
FB817R Blätter (Paar)
FB818R Blätter (Paar)

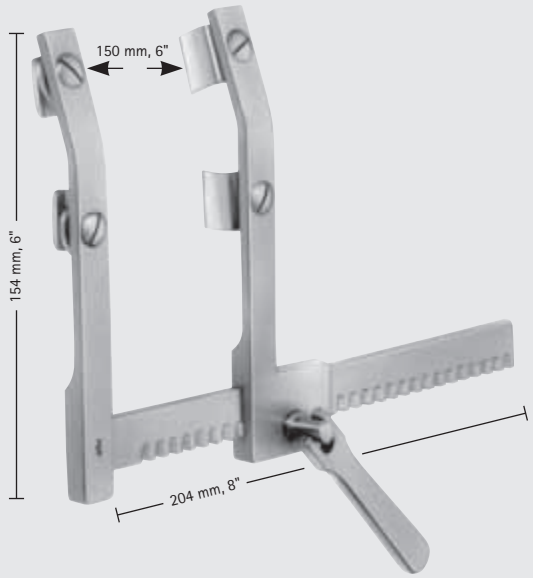
Spreader complete, consisting:
FB815R Spreader only
FB816R Blades (pair)
FB817R Blades (pair)
FB818R Blades (pair)

1/1

FB819R 80 x 60 mm
Blätter
Blades

Herz- und Gefäß-Chirurgie – Cardiovascular Surgery

Sternum-Sperrer
Sternum Spreaders

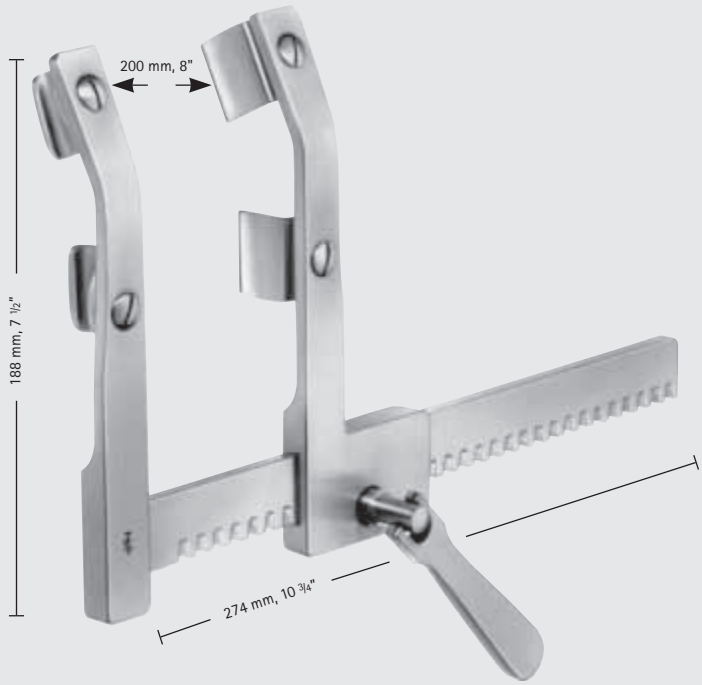


MORSE

FB845R

für Kinder
mit beweglichen Doppelblättern
Blätter jeweils 12 x 20 mm

for children
with movable double blades
each blade 12 x 20 mm

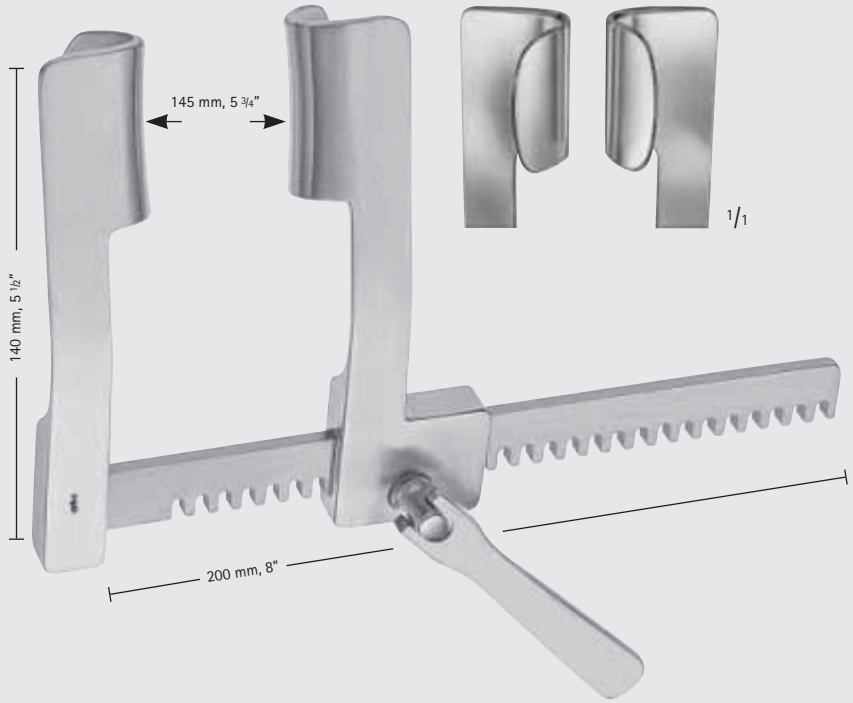


MORSE

FB846R

für Erwachsene
mit beweglichen
Doppelblättern
Blätter jeweils 19 x 29 mm

for adults
with movable double blades
each blade 19 x 29 mm

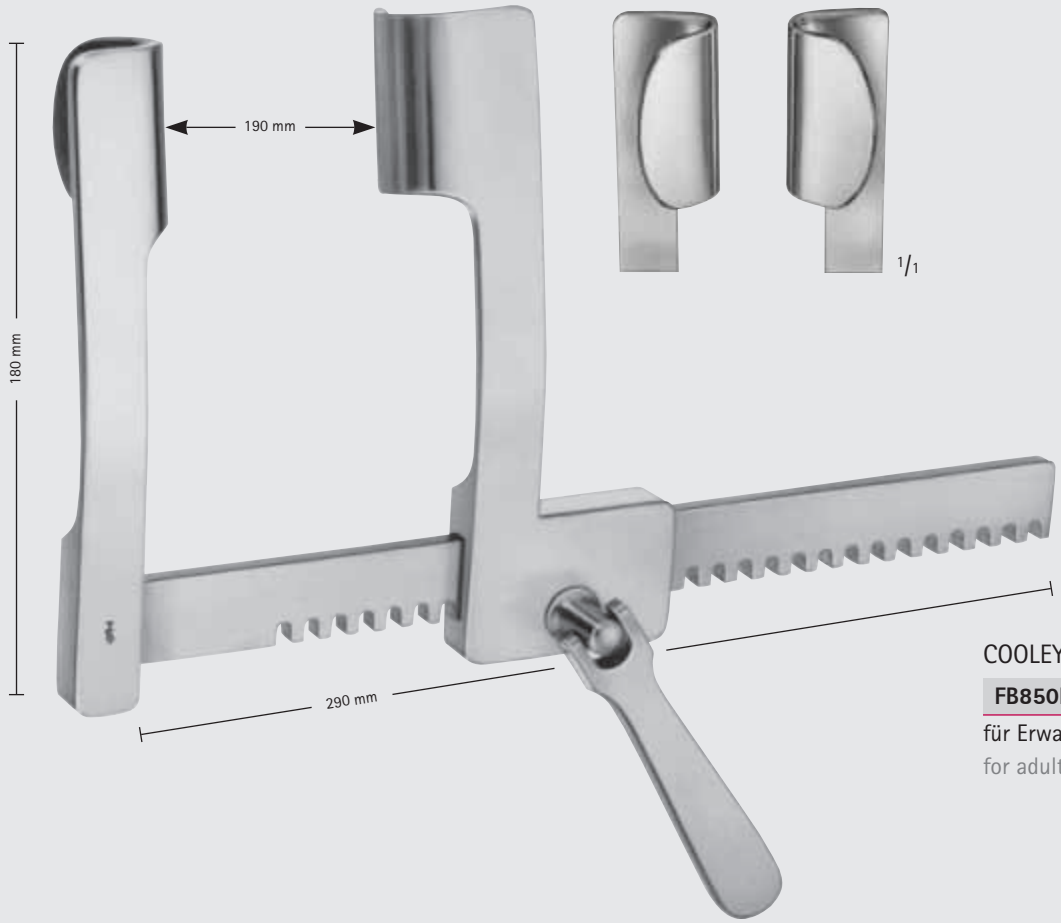


Blätter
Blades

COOLEY

FB851R 21 x 45 mm

für Kinder
for children



Blätter
Blades

COOLEY

FB850R 32 x 50 mm

für Erwachsene
for adults

Herz- und Gefäß-Chirurgie – Cardiovascular Surgery

Thoraxsperrer
Thoracic Retractor

1/1

FB823R 75 x 75 mm
Blätter
Blades

1/1

FB822R 42 x 65 mm
Blätter
Blades

1/2

FB820R

Thoraxsperrer (Mercedes-Sperrer) komplett, bestehend aus:
FB821R Sperrer allein
FB822R Blätter (Paar)
FB823R Blätter (Paar)

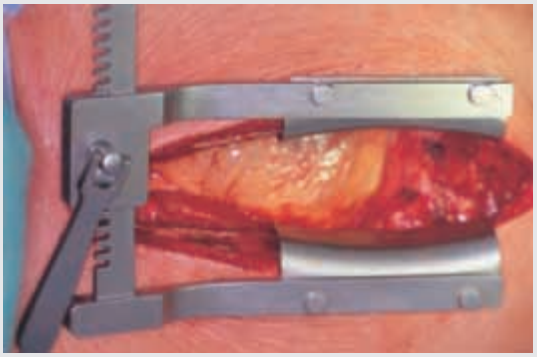
Thoracic retractor (Mercedes-Retractor) complete, consisting of:
FB821R Retractor only
FB822R Blades (pair)
FB823R Blades (pair)

Der Sperrer kann optional nach kranial (Bild 2, 2a) und kaudal (Bild 1, 1a) eingesetzt werden, wobei beim Einsatz nach kranial die Aufbiegung der Arme nach oben, vom Patienten weg zeigt, um Druck auf den Hals zu vermeiden.

The spreader can be used optionally in cranial (picture 2, 2a) or caudal (picture 1, 1a) position. As the retractor is used in cranial position the bend up arms show away from the patient in order to protect the neck from pressure.

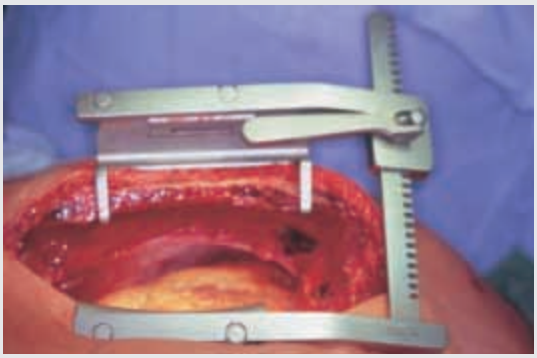
1

Einsatz als Sternumsperrer (Bild 1, 2)



2

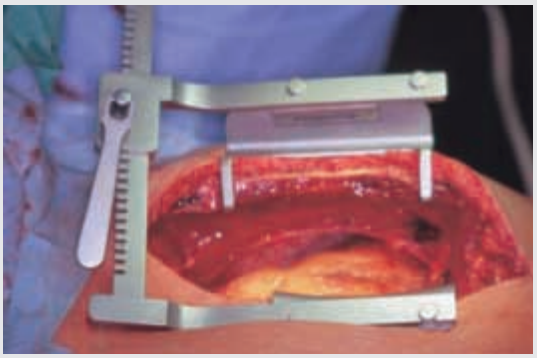
Used as sternum retractor (picture 1, 2)



1a

Einsatz zur Darstellung der Arteria mammaria interna (Bild 1a, 2a).

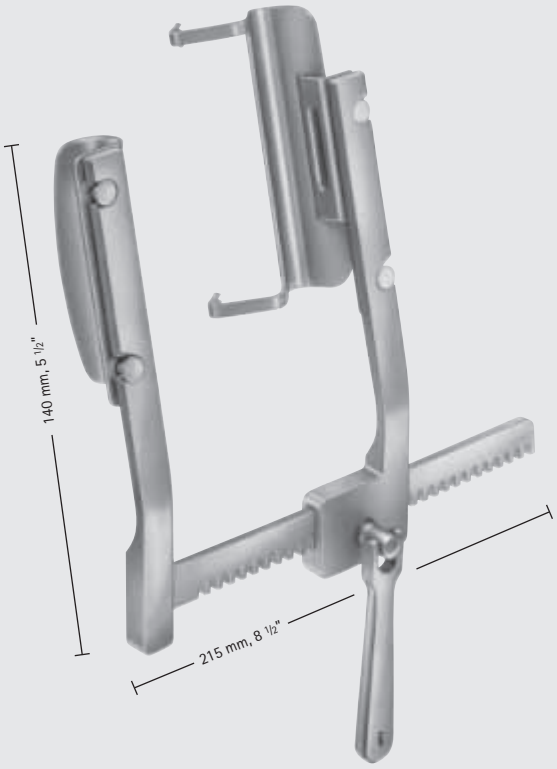
Die Seite des Sternums, auf der die Arteria mammaria interna präpariert werden soll, wird durch die Spreizwirkung des Sperrers automatisch angehoben. Das Ergebnis ist eine einfachere Präparation der Arteria mammaria interna.



2a

Used for preparation of the arteria mammaria interna (picture 1a, 2a).

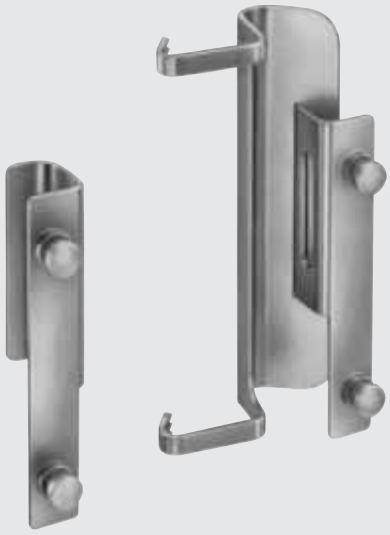
The side of the sternum, where the arteria mammaria interna shall be dissected is lifted up automatically due to the spreading effect of the retractor. The result is an easier preparation of the arteria mammaria interna.



FC060R

Mammaria Sperrer komplett,
bestehend aus:
FC061R Sperrer allein
FC062R Mammariablatt, komplett mit Aufnahmeblatt links und rechts
FC063R Sternumblätter (Paar)
FC064R Sternumblätter (Paar)

Mammaria spreader complete,
consisting of:
FC061R Retractor only
FC062R Mammariablade complete with holding blades left and right
FC063R Sternum blades (pair)
FC064R Sternum blades (pair)



FC062R

Mammariablatt, komplett
Mammaria blade, complete

FC063R 30 x100 mm

Sternumblätter
Sternum blades

FC064R 40 x 100 mm

Sternumblätter
Sternum blades

SELLORS

FB840R

Rippensperrer und -kontraktor
mit drehbaren Klauen
Rib spreader- and contractor
with swivel blades
200 mm, 8"

BAILEY

FB844R

150 mm, 6"

FB841R
für Kinder
for children

FB842R
für Erwachsene
for adults

BAILEY

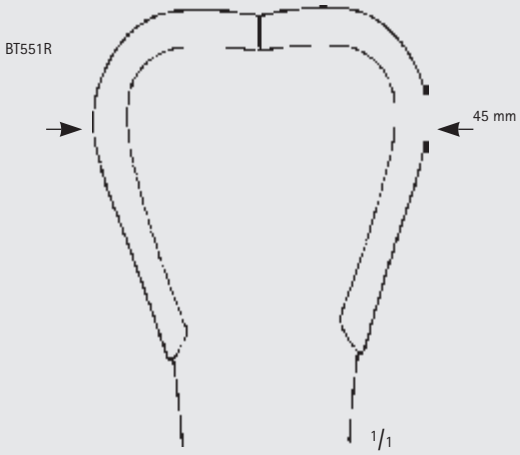
FB841R-FB842R

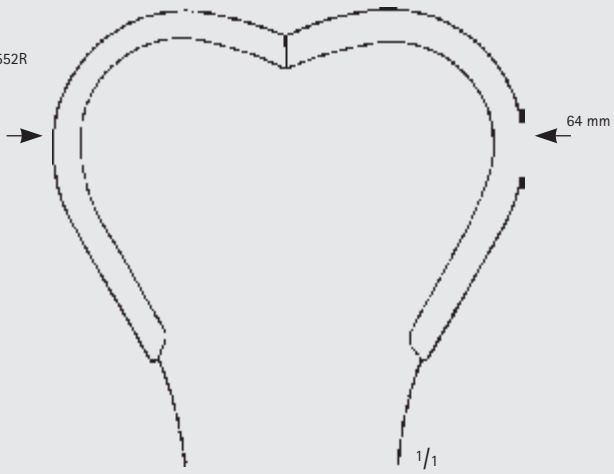
200 mm, 8"

Herz- und Gefäß-Chirurgie – Cardiovascular Surgery

Wundhaken, Lungenspatel
Retractors, Lung Spatulas

Weitere Wundhaken siehe Rubrik BT
Further retractors see section BT



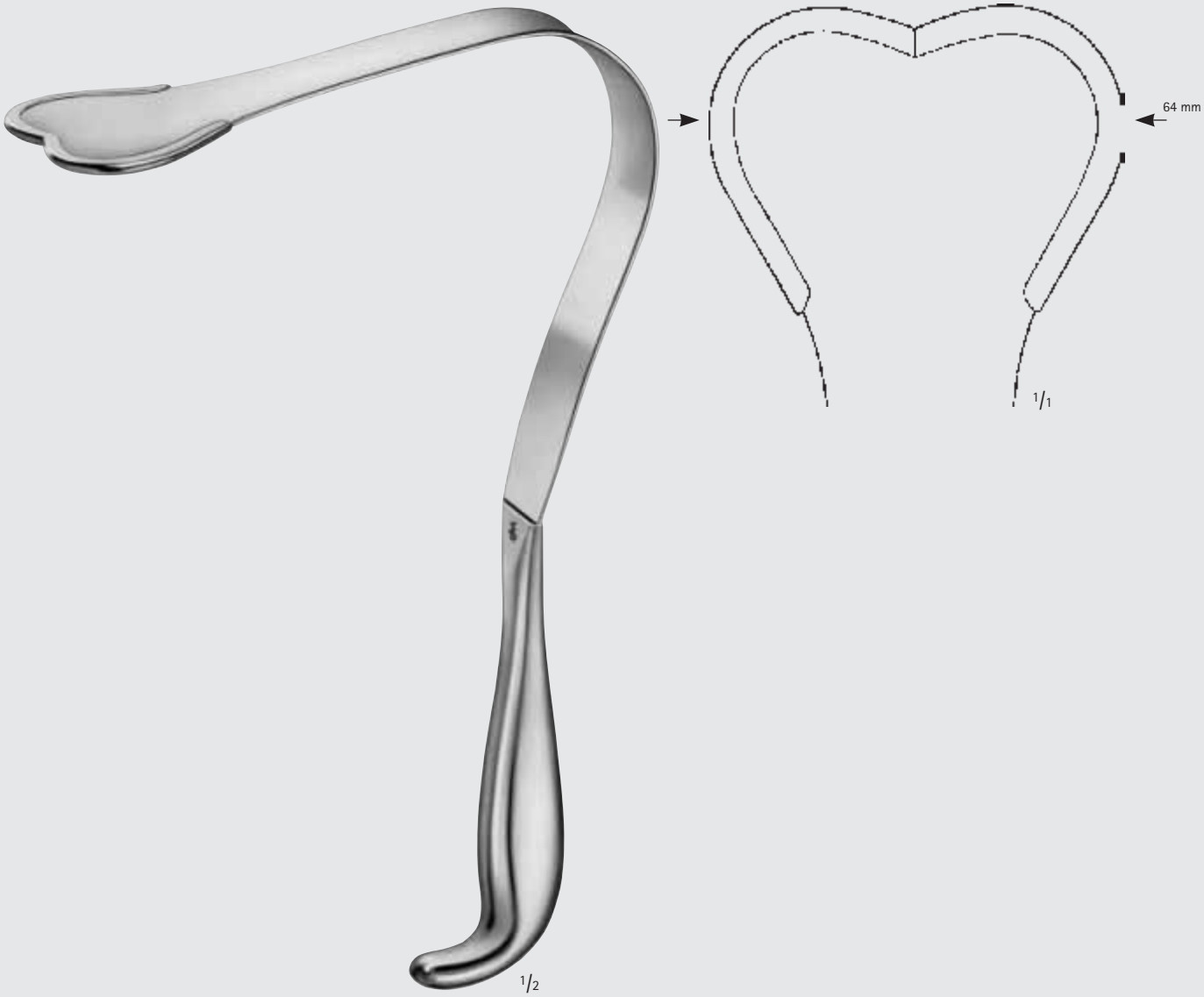


HARRINGTON

BT551R	123 x 45 mm
BT552R	123 x 64 mm

federnd
flexible
295 mm, 11 3/4"

Weitere Wundhaken siehe Rubrik BT
Further retractors see section BT



HARRINGTON-PEMBERTON

BT553R 175 x 64 mm

federnd

flexible

295 mm, 11 3/4"

DAVIDSON

BT531R

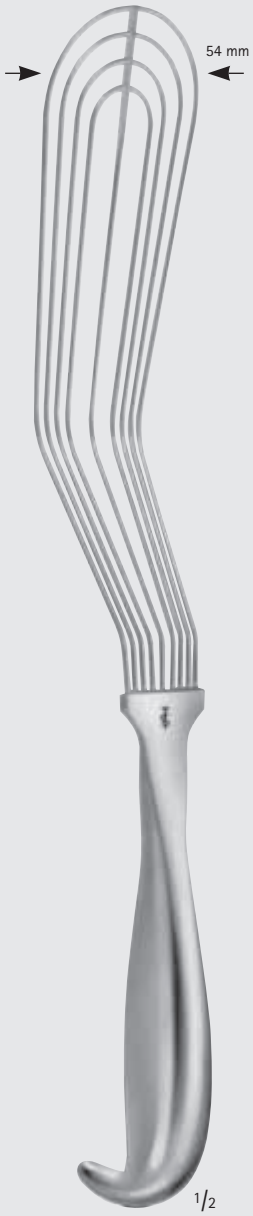
195 mm, 7 3/4"

INCHES

ALLISON

BT559R

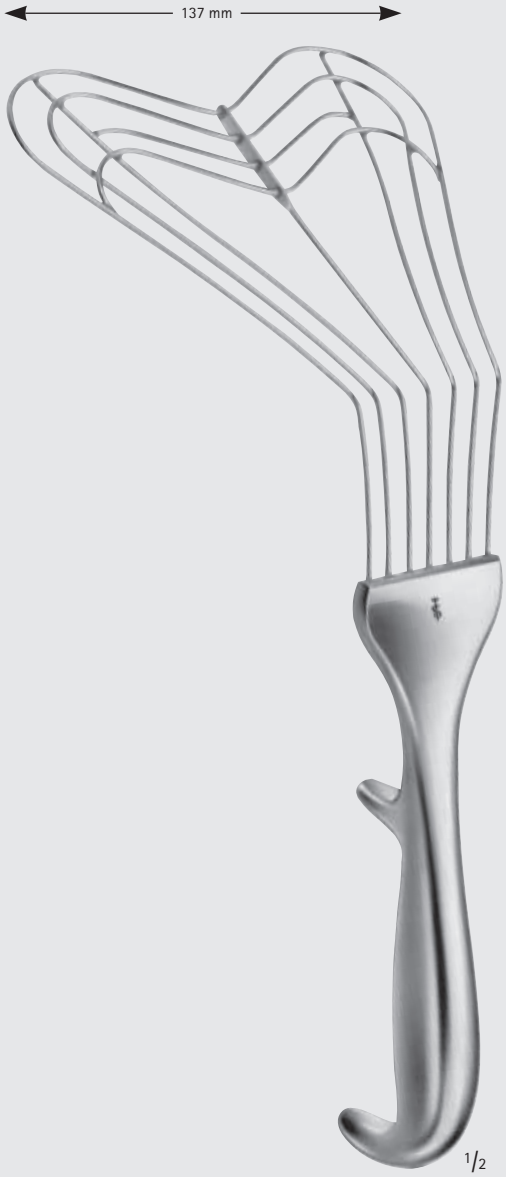
255 mm, 10"



ALLISON

BT560R

320 mm, 12 3/4"



ALLISON

BT561R

300 mm, 12"

Herz- und Gefäß-Chirurgie – Cardiovascular Surgery

Atriumhaken
Atrium Retractors

COOLEY

FB860R

rechts
right
270 mm, 10 3/4"

COOLEY

FB861R

rechts, leicht gezahnt
right, slightly serrated
270 mm, 10 3/4"

COOLEY

FB862R

links
left
280 mm, 11"

COOLEY MODIF. STRUCK

FB865R

leicht gezahnt
slightly serrated
265 mm, 10 1/2"

COOLEY MODIF. STRUCK

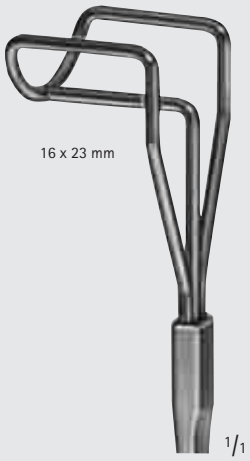
FB866R

leicht gezahnt
slightly serrated
265 mm, 10 1/2"

Herz- und Gefäß-Chirurgie – Cardiovascular Surgery

Aortenklappenhaken
Aorta Valve Retractors

FB971R

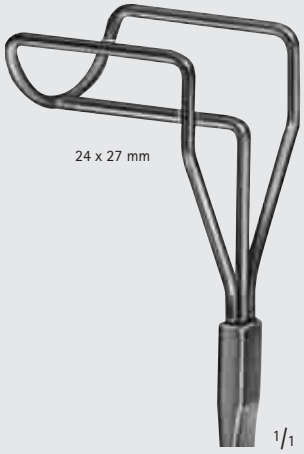


1/1

FB972R

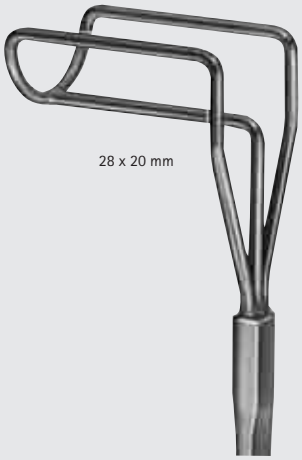
1/2

FB973R

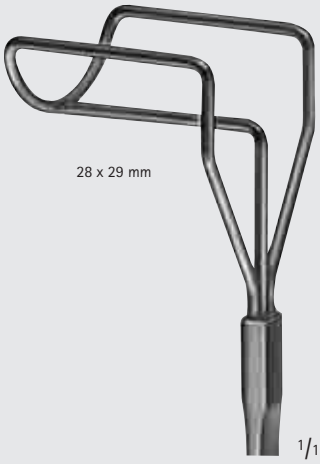


1/1

FB974R



FB975R



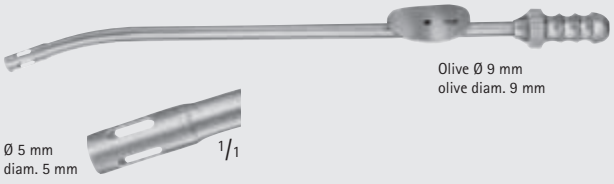
1/1

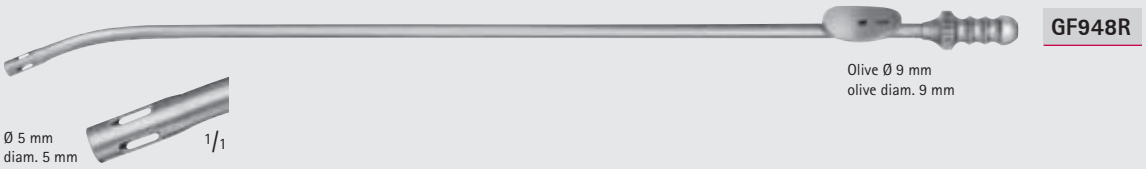
FB976R

BOROWSKI

FB971R–FB976R

Schaft biegsam
Shaft malleable
270 mm, 10 3/4"





DE BAKEY

GF947R 160 mm, 6 1/4"

GF948R 270 mm, 10 3/4"

mit Saugunterbrecher und Mandrin
with finger cut-off and stylet

DE BAKEY

GF946R

mit zentraler Bohrung, Ø 3,0 mm
und seitlichen Schlitzen
with central bore, 3.0 mm diam.
with lateral slots
275 mm, 10 3/4"

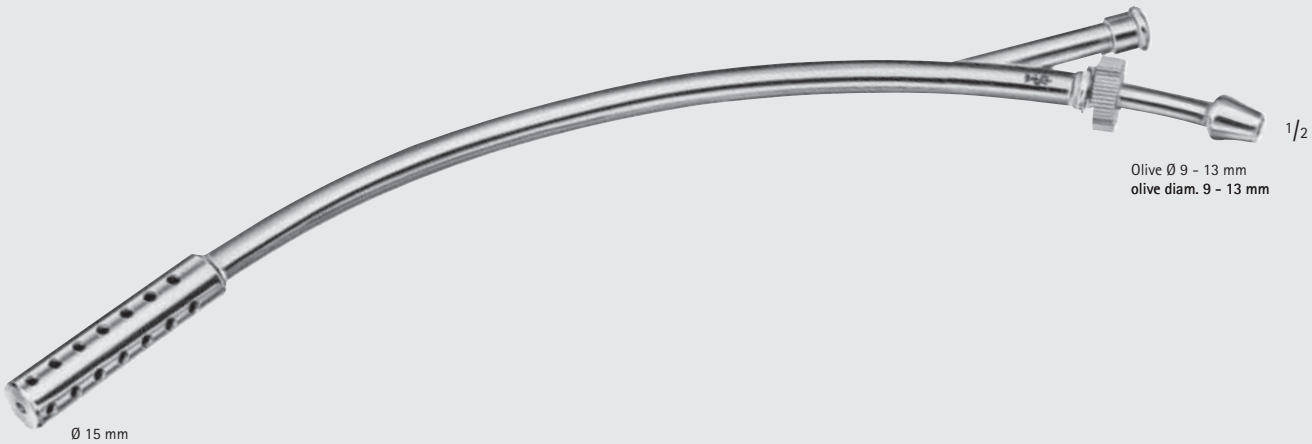
YANKAUER

GF944R

mit zentraler Bohrung, Ø 2,0 mm
with central bore, 2.0 mm diam.
285 mm, 11 1/4"

Herz- und Gefäß-Chirurgie – Cardiovascular Surgery

Saugkanülen
Suction Cannula



FINSTERER

GF867C

kombinierte Saug- und Spülkanüle
combined suction- and irrigation cannula
320 mm, 12 3/4"

NABATOFF

FB030R

Venenstripper-Besteck, bestehend aus:
FB031R Metalletui
FB032R Zugseil, 900 mm lang
FB033 Kunststoff-Sondenspitze
FB034R Metall-Sondenspitze
FB035R Metallolive, Ø 6 mm
FB036R Metallolive, Ø 9 mm
FB037R Metallolive, Ø 12 mm
FB038R Metallolive, Ø 15 mm
FB040R Griff für Zugseil

Vein stripper set, consisting of:
FB031R Metal case
FB032R Flexible cable, 36" long
FB033 Flexible plastic probe tip
FB034R Metal probe tip
FB035R Metal olive, diam. 6 mm
FB036R Metal olive, diam. 9 mm
FB037R Metal olive, diam. 12 mm
FB038R Metal olive, diam. 15 mm
FB040R Handle for flexible cable

Ersatzteile für FB030R
Spare parts for FB030R

NABATOFF

FB033

Kunststoff-Sondenspitze
Flexible plastic probe tip

1/1

NABATOFF

FB034R 3 mm

Ø diam.

Metall-Sondenspitze
Probe tip, metal

NABATOFF

Ø diam.	
FB035R	6 mm
FB036R	9 mm
FB037R	12 mm
FB038R	15 mm

Oliven allein
Olives only

FB035R

FB036R

FB037R

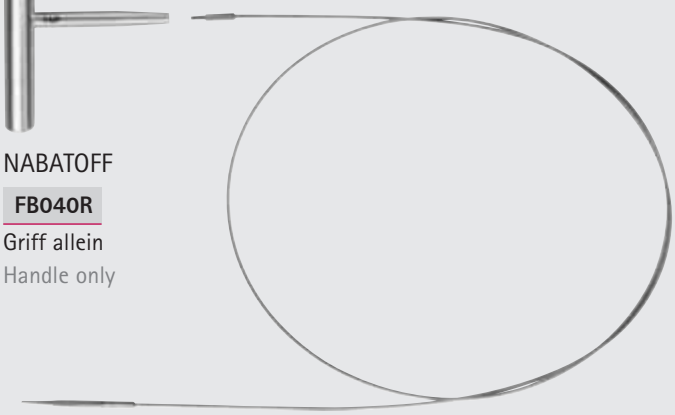
1/1

FB038R

NABATOFF

FB040R

Griff allein
Handle only

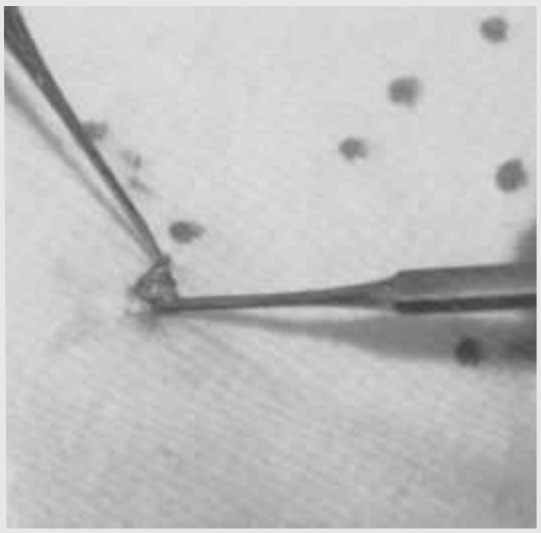


FB032R

Zugseil
Flexible cable
900 mm, 36"

Herz- und Gefäß-Chirurgie – Cardiovascular Surgery

Varizeninstrumente
Varix Instruments



VARADY

FB050R

Mini-Venenstripper-Set, bestehend aus:

FB031R	Metalletui
FB051R	Zugseil, 450 mm lang, kunststoffummantelt
FB053R	Metallolive, Ø 3 mm
FB054R	Metallolive, Ø 4 mm
FB055R	Metallolive, Ø 5 mm

Mini vein stripper set,consisting of:

FB031R	Metal case
FB051R	Flexible cable, 17 1/2" long, polyethylene coating
FB053R	Metal olive, diam. 3 mm
FB054R	Metal olive, diam. 4 mm
FB055R	Metal olive, diam. 5 mm

Ersatzteile für FB050R

Spare parts for FB050R

VARADY

	Ø diam.
FB053R	3 mm
FB054R	4 mm
FB055R	5 mm

Oliven allein

Olives only

FB053R

FB054R

FB055R 1/1

VARADY

FB051R

Zugseil, kunststoffummantelt

Cable, flexible, polyethylene coating

450 mm, 17 1/2"

1/2

VARADY

FB120R

Phlebodissektor
Phlebodissector
180 mm, 7"

1/2

VARADY

FB121R

Phlebextraktor
Phlebextractor
180 mm, 7"

1/2

VARADY

FB122R

Phlebextraktor
Phlebextractor
180 mm, 7"

1/2

VARADY

FB124R

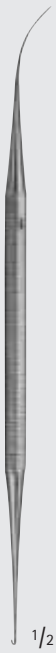
Mikro-Doppelspatel
Micro spatula, double ended
175 mm, 7"

1/2

VARADY

FB125R

Mikro-Phlebextraktor
Micro phlebextractor
170 mm, 6 3/4"



1/2

VARADY

FB126R

Mini-Phlebextraktor
Mini phlebextractor
170 mm, 6 3/4"

1
2
3
4
5
6
7
8
INCHES

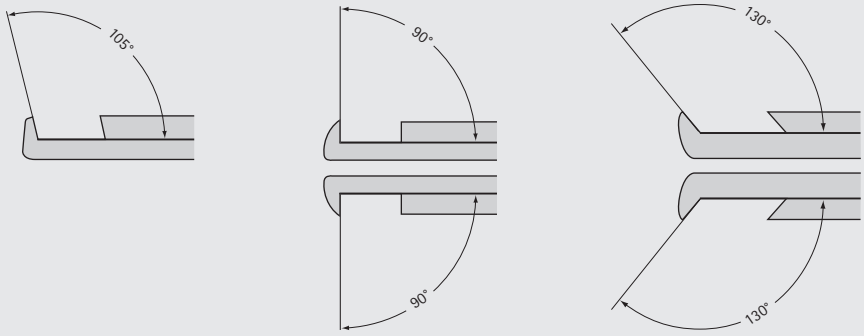
FF

Knochenstanzen, Rongeure
Bone Punches, Rongeurs

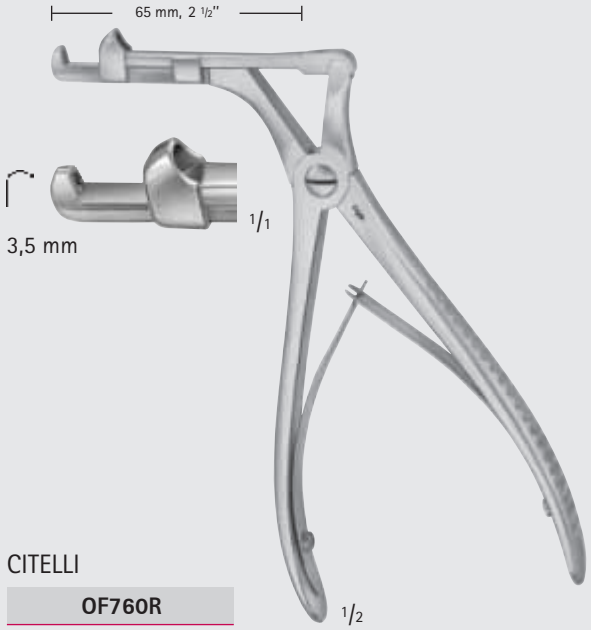
Knochenstanzen, Rongeure – Bone Punches, Rongeurs

Stanzen
Punches

Winkelstellungen bei Stanzen
Angled positions for punches



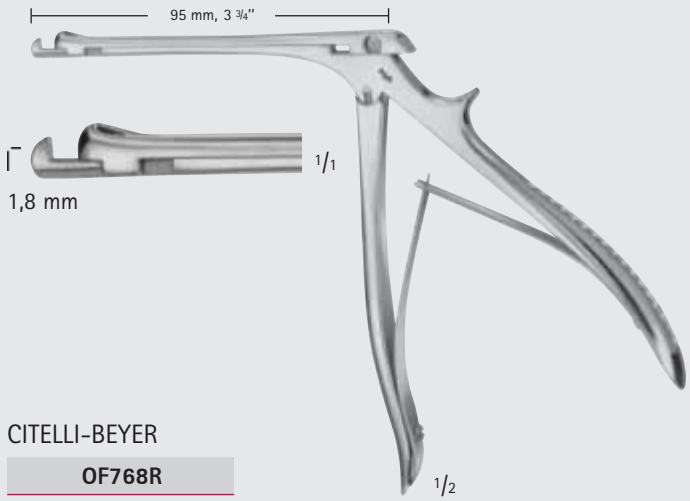
90° nach oben schneidend
upwards cutting



CITELLI

OF760R

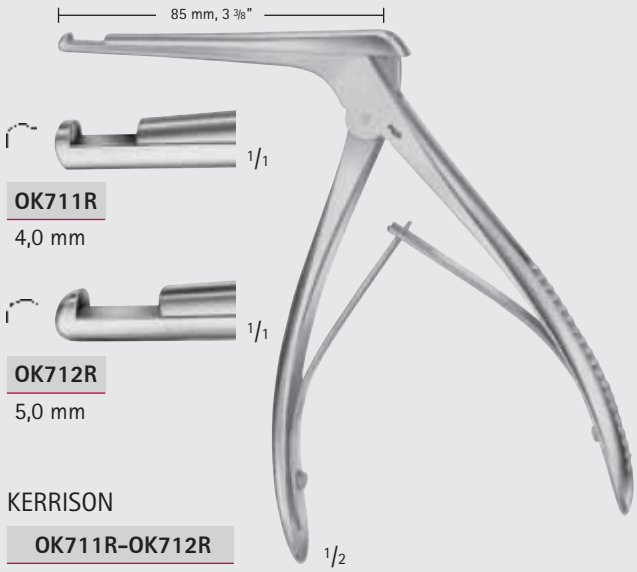
90° nach oben schneidend
upwards cutting



CITELLI-BEYER

OF768R

90° nach oben schneidend
upwards cutting



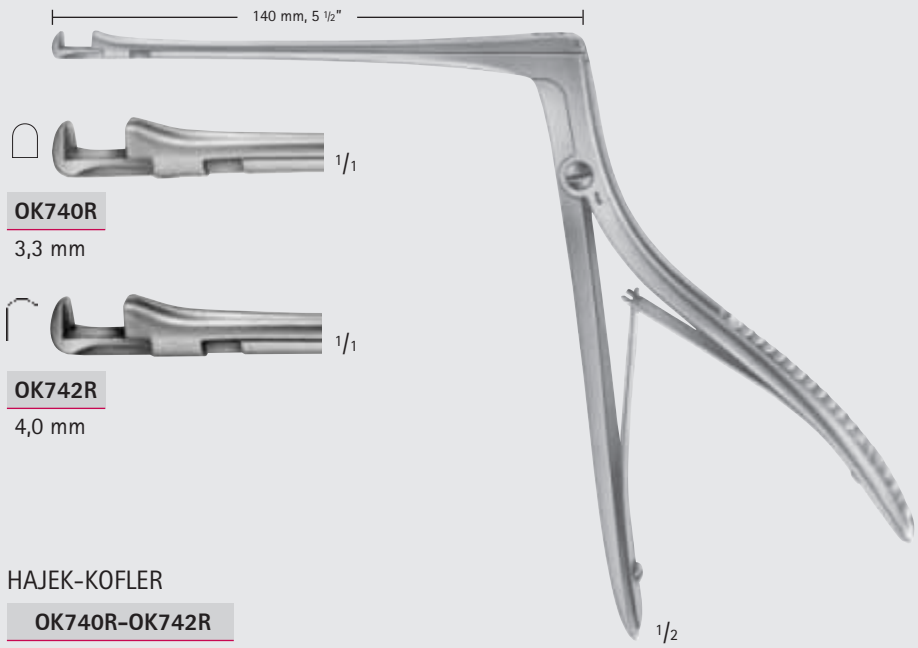
OK711R
4,0 mm

OK712R
5,0 mm

KERRISON

OK711R-OK712R

90° nach oben schneidend
upwards cutting

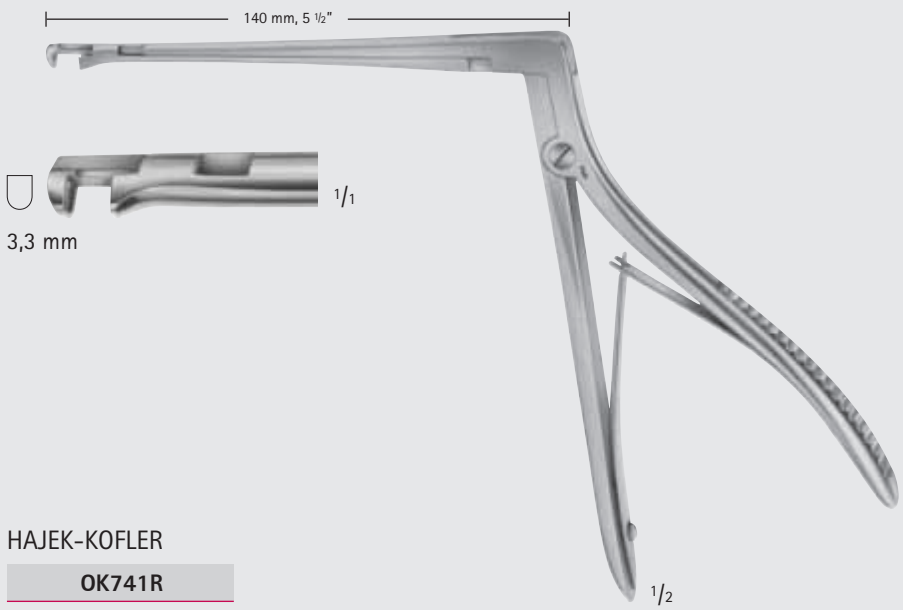


OK740R
3,3 mm

OK742R
4,0 mm

HAJEK-KOFLER
OK740R-OK742R

90° nach unten schneidend
downwards cutting



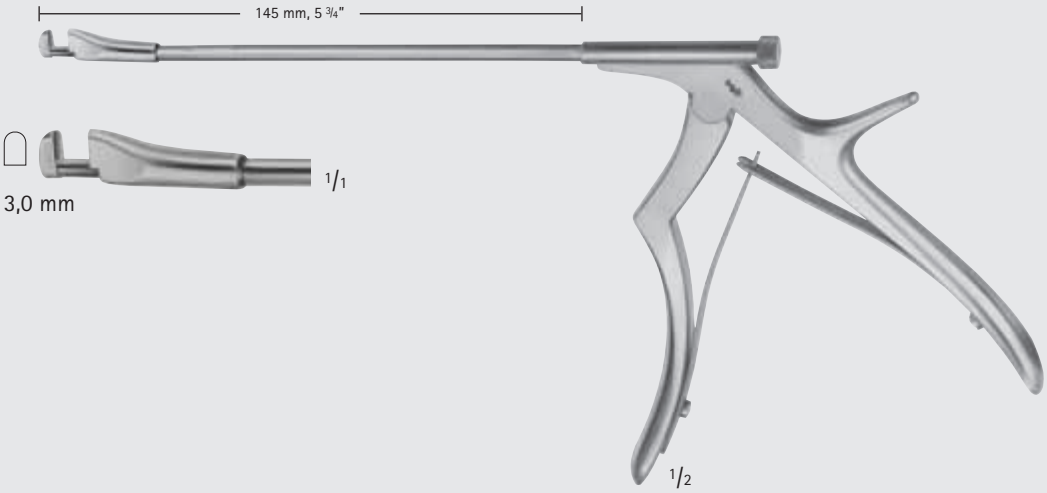
3,3 mm

HAJEK-KOFLER
OK741R

Knochenstanzen, Rongeure – Bone Punches, Rongeurs

Stanzen
Punches

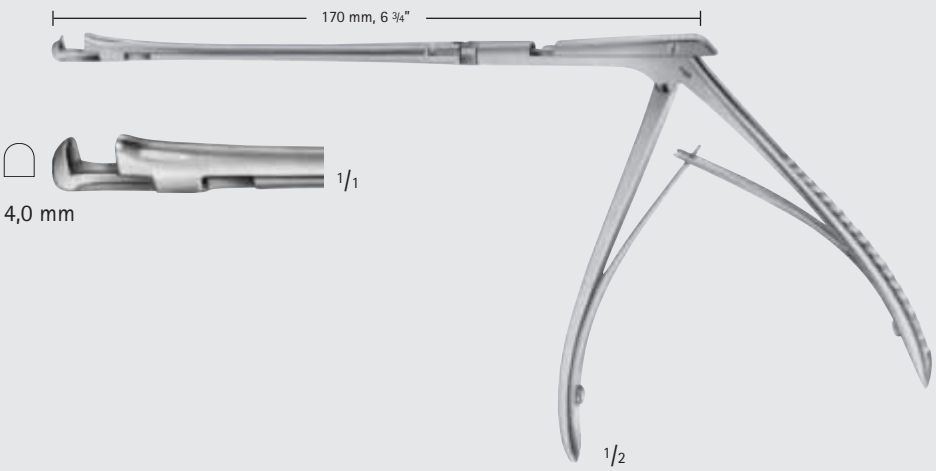
90° drehbar 360°
rotates 360°



KOFLER

OK737R

90° drehbar 360°
rotates 360°

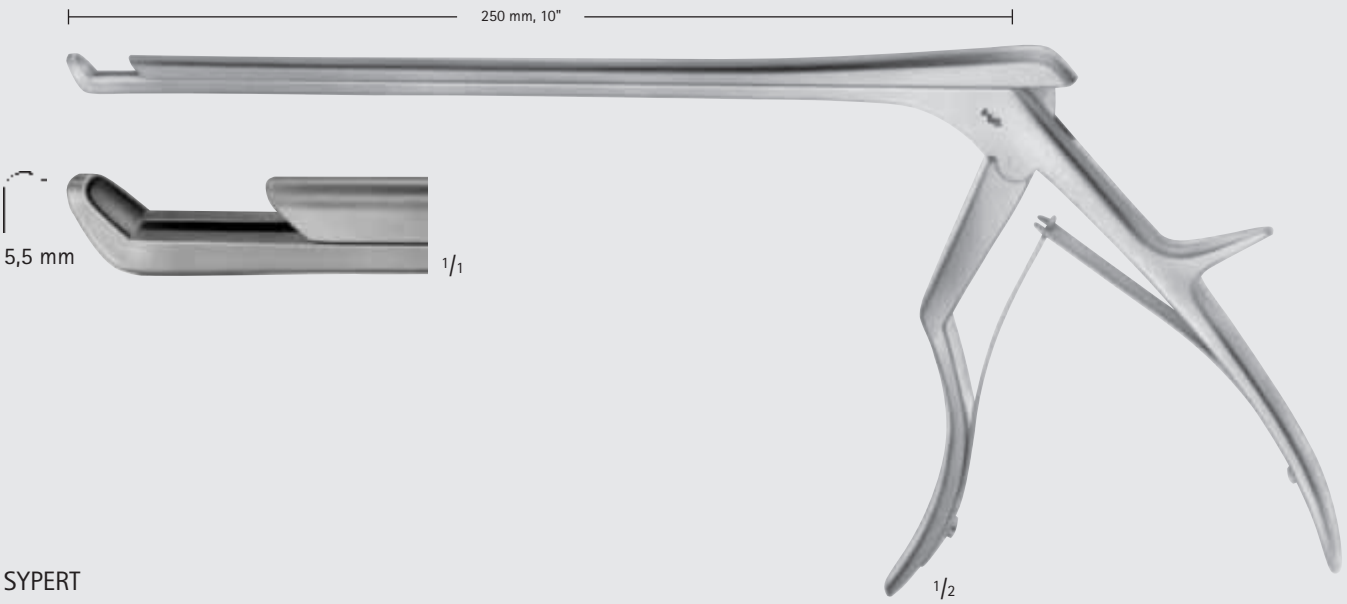


HAJEK-KOFLER

OK745R

INCHES

130° nach oben schneidend
upwards cutting



SYPERT

FG055R

Knochenstanzen, Rongeure – Bone Punches, Rongeurs

KERRISON Knochenstanzen
KERRISON Bone Punches

90° nach oben schneidend
upwards cutting

Regular

Schaftlänge Shaft length	Breite Width	Fußplatte Footplate	**90° oben** **90° upwards** STANDARD nicht zerlegbar ohne Ejektor non detachable without ejector	**90° oben** **90° upwards** zerlegbar detachable	Ejektor Ejector	**90° oben** **90° upwards** NOIR zerlegbar detachable	Ejektor Ejector
180 mm, 7"	1,0 mm	regular	**FF716R**	**FK948R**	–	**FK948B**	–
	2,0 mm	regular	**FF718R**	**FK949R**	–	**FK949B**	–
	3,0 mm	regular	**FF750R**	**FK950R**		**FK950B**	
	4,0 mm	regular	**FF752R**	**FK951R**		**FK951B**	
	5,0 mm	regular	**FF754R**	**FK952R**		**FK952B**	
	6,0 mm	regular	**FF755R**	**FK953R**		**FK953B**	

90° nach unten schneidend
downwards cutting

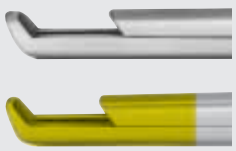
Regular

Schaftlänge Shaft length	Breite Width	Fußplatte Footplate	**90° unten** **90° downwards** STANDARD nicht zerlegbar, ohne Ejektor non detachable, without ejector	**90° unten** **90° downwards** zerlegbar detachable	Ejektor Ejector
180 mm, 7"	1,0 mm	regular	**FF741R**	**FK954R**	–
	2,0 mm	regular	**FF719R**	**FK955R**	–
	3,0 mm	regular	**FF721R**	**FK956R**	
	4,0 mm	regular	**FF742R**	**FK957R**	
	5,0 mm	regular	**FF723R**	**FK958R**	
	6,0 mm	regular	**FF743R**	**FK959R**	

INCHES

130° nach oben schneidend
upwards cutting

Regular
Thin



130° oben
130° upwards

STANDARD
nicht zerlegbar
ohne Ejektor
non detachable
without ejector

130° oben
130° upwards

zerlegbar
detachable

Ejektor
Ejector

130° oben
130° upwards

NOIR
zerlegbar
detachable

Ejektor
Ejector

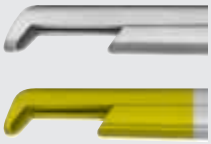
Schaftlänge Shaft length	Breite Width	Fußplatte Footplate	STANDARD nicht zerlegbar ohne Ejektor	zerlegbar	Ejektor	NOIR zerlegbar	Ejektor
180 mm, 7″	1,0 mm	regular	FF715R	FK900R	–	FK900B	–
	2,0 mm	regular	FF717R	FK901R	–	FK901B	–
	3,0 mm	regular	FF720R	FK902R		FK902B	
	4,0 mm	regular	FF724R	FK903R		FK903B	
	5,0 mm	regular	FF722R	FK904R		FK904B	
	6,0 mm	regular	FF726R	FK905R		FK905B	
200 mm, 8″	2,0 mm	regular	FF737R	FK913R	–	FK913B	–
	3,0 mm	regular	FF738R	FK914R		FK914B	
	4,0 mm	regular	FF727R	FK915R		FK915B	
	5,0 mm	regular	FF728R	FK916R		FK916B	
	6,0 mm	regular	FF729R	FK917R		FK917B	
230 mm, 9″	2,0 mm	regular	FF682R	FK919R	–		
	3,0 mm	regular	FF683R	FK920R			
	4,0 mm	regular	FF684R	FK921R			
	5,0 mm	regular	FF685R	FK922R			
180 mm, 7″	1,0 mm	thin	FF771R	FK906R	–	FK906B	–
	2,0 mm	thin	FF772R	FK907R	–	FK907B	–
	3,0 mm	thin	FF773R	FK908R		FK908B	
	4,0 mm	thin	FF769R	FK909R		FK909B	
	5,0 mm	thin	FF770R	FK910R		FK910B	
200 mm, 8″	1,0 mm	thin	FF661R	FK961R	–	FK961B	–
	2,0 mm	thin	FF662R	FK962R	–	FK962B	–
	3,0 mm	thin	FF663R	FK963R		FK963B	
	4,0 mm	thin	FF664R	FK964R		FK964B	
	5,0 mm	thin	FF665R	FK965R		FK965B	
230 mm, 9″	2,0 mm	thin	FF746R	FK925R	–	FK925B	–
	3,0 mm	thin	FF747R	FK926R		FK926B	
	4,0 mm	thin	FF748R	FK927R		FK927B	
	5,0 mm	thin	FF749R	FK928R		FK928B	

MILLIMETERS

Knochenstanzen, Rongeure – Bone Punches, Rongeurs

KERRISON Knochenstanzen
KERRISON Bone Punches

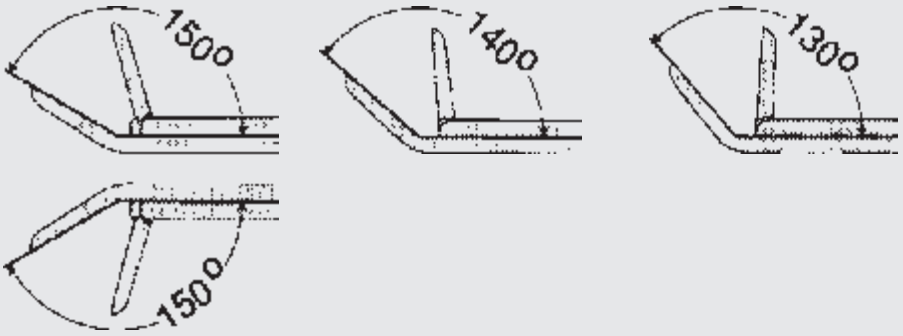
130° nach unten schneidend
downwards cutting



Schaftlänge Shaft length	Breite Width	Fußplatte Footplate	**130° unten** **130° downwards** STANDARD nicht zerlegbar ohne Ejektor non detachable without ejector	**130° unten** **130° downwards** zerlegbar detachable	Ejektor Ejector
180 mm, 7"	1,0 mm	regular	**FF711R**	**FK930R**	-
	2,0 mm	regular	**FF712R**	**FK931R**	-
	3,0 mm	regular	**FF713R**	**FK932R**	
	4,0 mm	regular	**FF714R**	**FK933R**	
	5,0 mm	regular	**FF725R**	**FK934R**	
230 mm, 9"	2,0 mm	regular	**FF692R**	**FK943R**	-
	3,0 mm	regular	**FF693R**	**FK944R**	
	4,0 mm	regular	**FF694R**	**FK945R**	
	5,0 mm	regular	**FF695R**	**FK946R**	
180 mm, 7"	1,0 mm	thin	**FF781R**	**FK936R**	-
	2,0 mm	thin	**FF782R**	**FK937R**	-
	3,0 mm	thin	**FF783R**	**FK938R**	
	4,0 mm	thin	**FF784R**	**FK939R**	
	5,0 mm	thin	**FF785R**	**FK940R**	

INCHES

Winkelstellungen bei Rongeuren
Angled positions for rongeurs



OK505R
3,0 mm

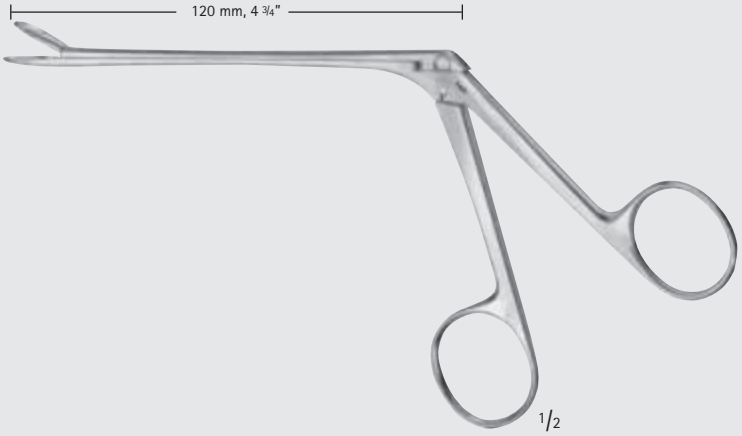
OK506R
3,6 mm

OK507R
4,2 mm

OK508R
4,8 mm

1/1

OK509R
5,6 mm



WEIL-BLAKESLEY
OK505R-OK509R

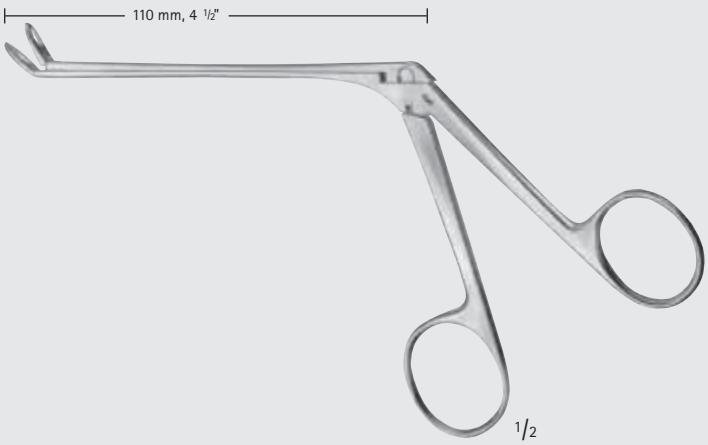
140°

OK520R
3,6 mm

OK521R
4,2 mm

1/1

OK522R
4,8 mm

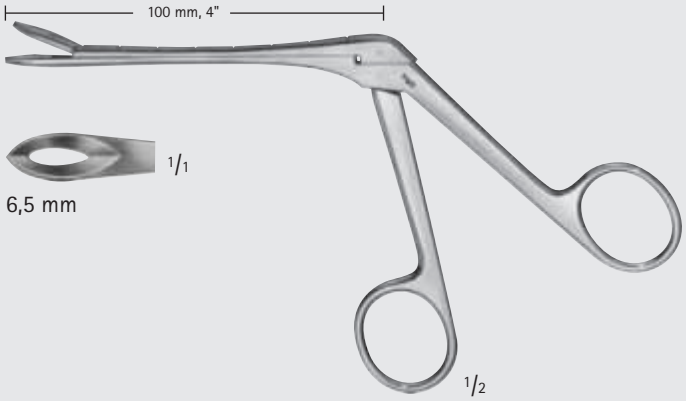


WEIL-BLAKESLEY
OK520R-OK522R

Knochenstanzen, Rongeure – Bone Punches, Rongeurs

Rongeure

Rongeurs

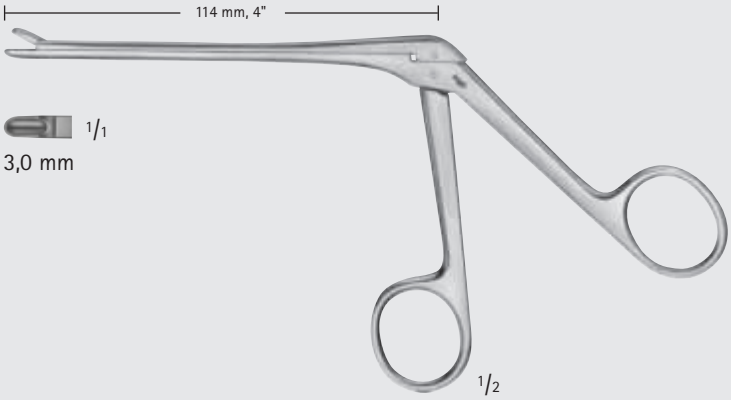


HENCKEL-TILLEY

OK503R

Schaft graduiert in cm

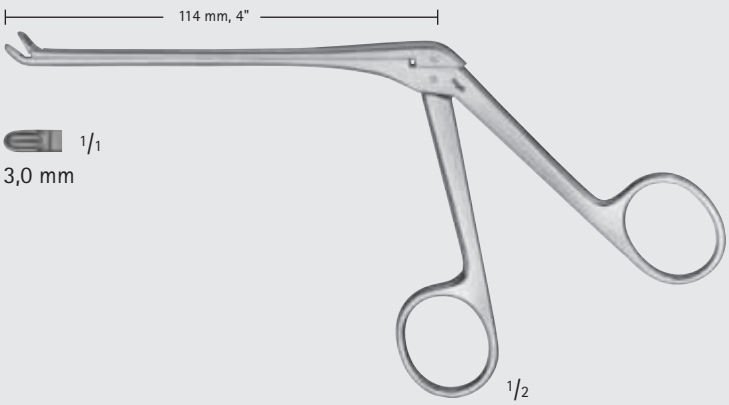
Shaft graduated in cm



ST. BARTS

OK536R

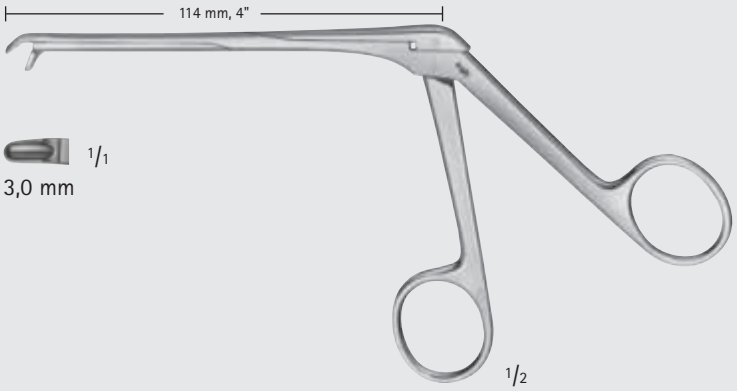
140°



ST. BARTS

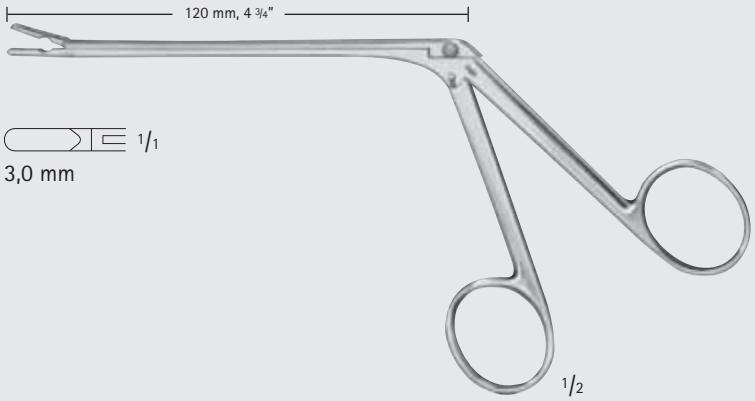
OK537R

140°



ST. BARTS

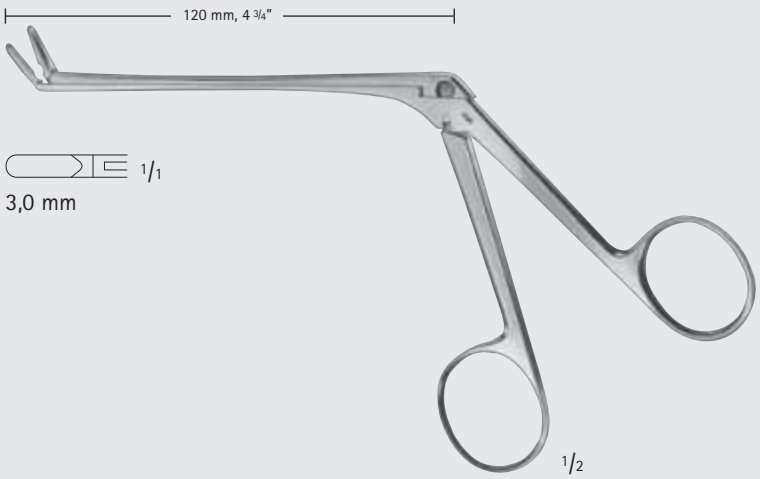
OK538R



TAKAHASHI

OK525R

130°



TAKAHASHI

OK526R

Knochenstanzen, Rongeure – Bone Punches, Rongeurs

Rongeure

Rongeurs

LOVE-GRUENWALD

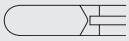
FF799R

2 x 10 mm

LOVE-GRUENWALD

FF800R

3 x 10 mm

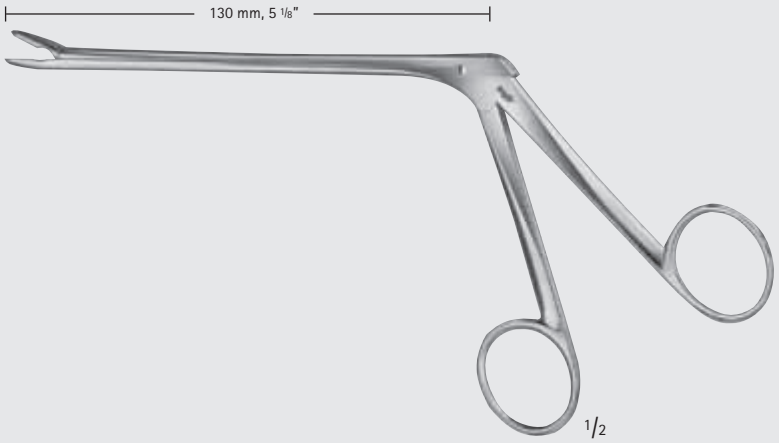


1/1

SPURLING

FF801R

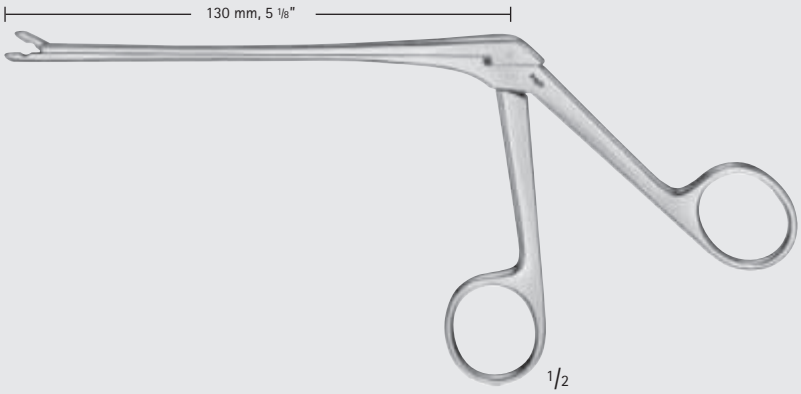
4 x 10 mm



FF799R–FF810R

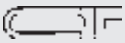
1/1

2,0 mm



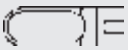
BECK

FF765R



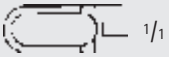
FF766R

4,0 mm



FF767R

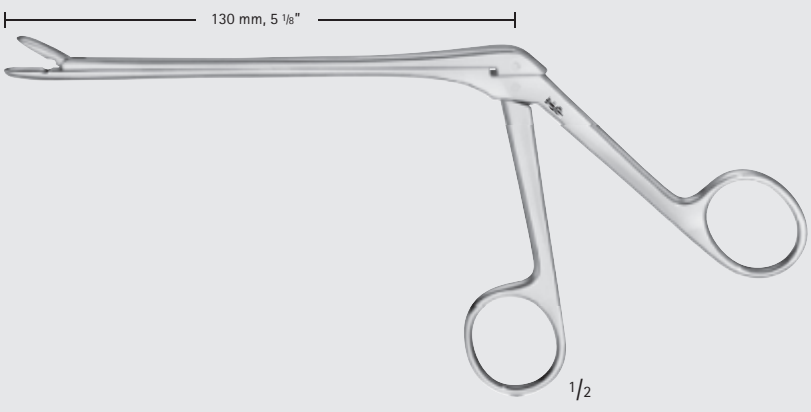
5,0 mm



1/1

FF768R

6,0 mm



CUSHING

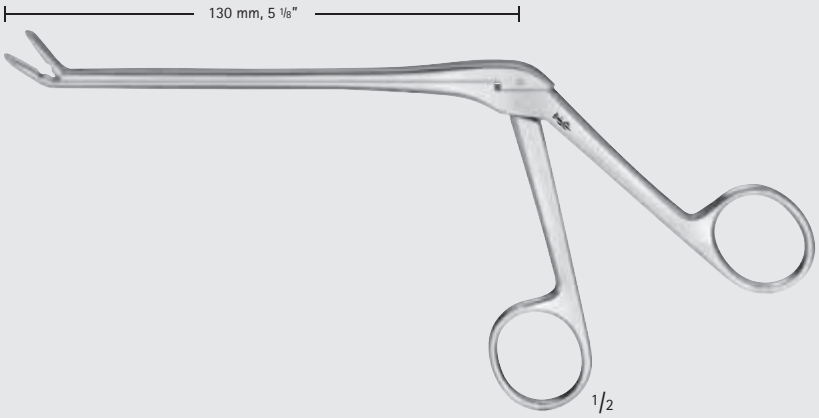
FF766R–FF768R

150°

FF774R
3,0 mm

FF775R
4,0 mm

FF776R
5,0 mm



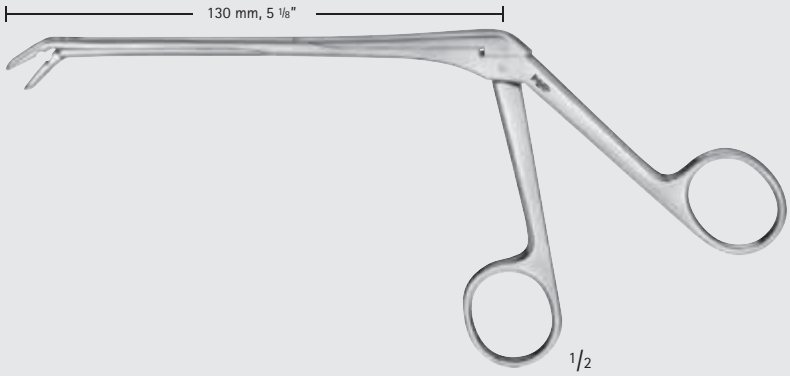
CUSHING

FF774R–FF776R

150°

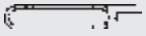
FF777R
3,0 mm

FF778R
4,0 mm

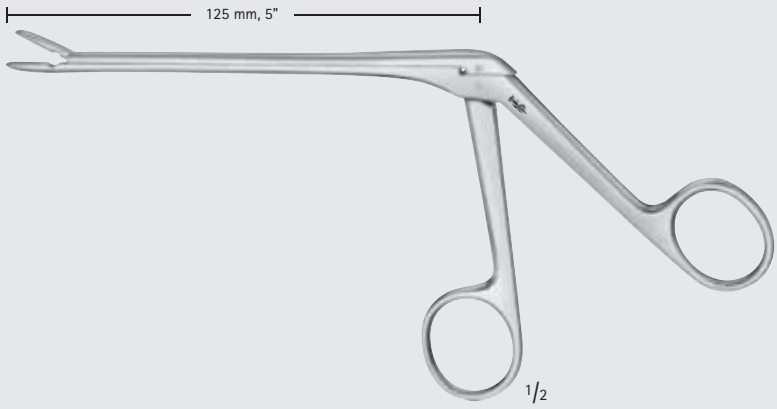


CUSHING

FF777R–FF778R



3,0 mm



PENNYBACKER

FF779R

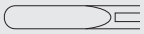
Knochenstanzen, Rongeure – Bone Punches, Rongeurs

Rongeure

Rongeurs

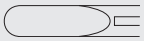
FF832R

2,0 mm



FF833R

3,0 mm



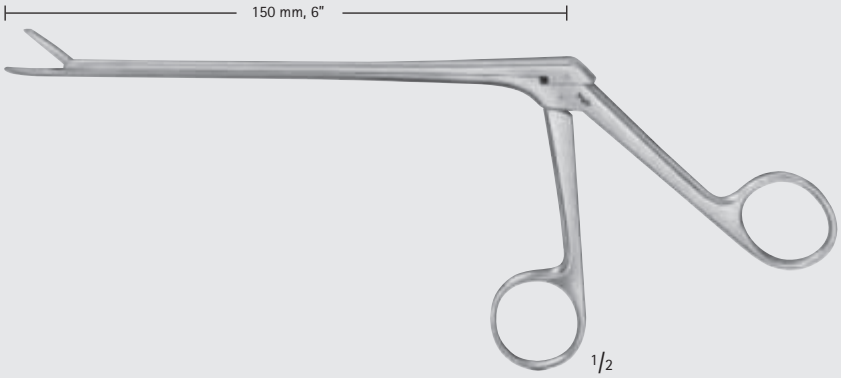
FF834R

4,0 mm

1/1

FF835R

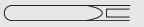
5,0 mm



CASPAR

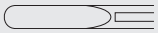
FF832R–FF835R

150°



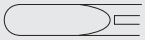
FF842R

2,0 mm



FF843R

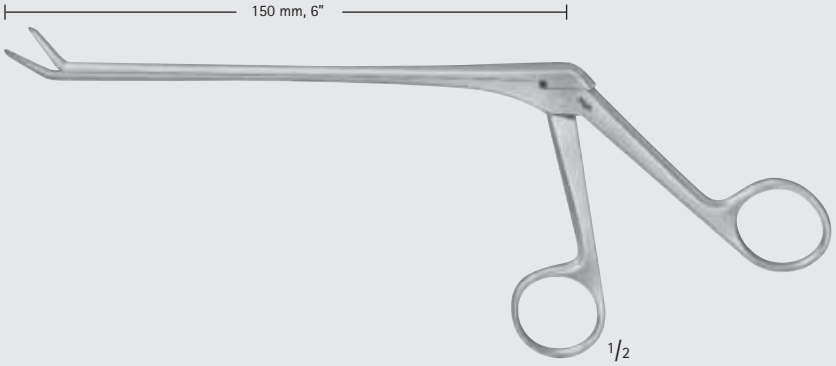
3,0 mm



1/1

FF844R

4,0 mm

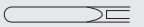


CASPAR

FF842R–FF844R

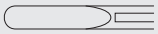
150° unteres Maulteil beweglich

lower part of jaw movable



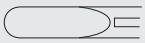
FF852R

2,0 mm



FF853R

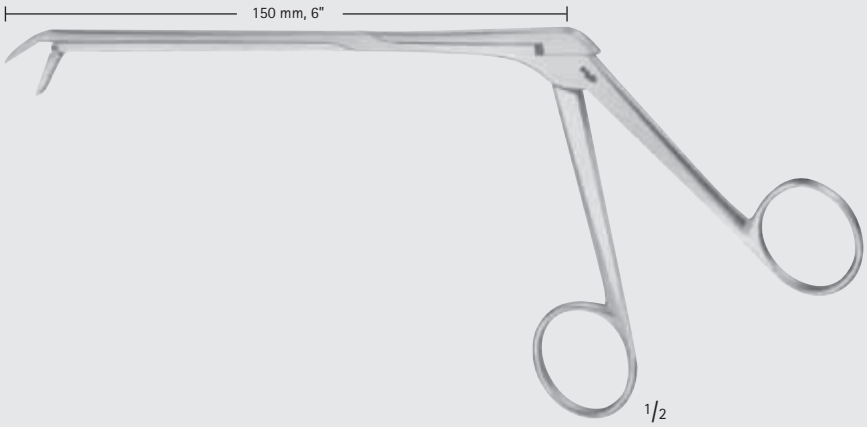
3,0 mm



1/1

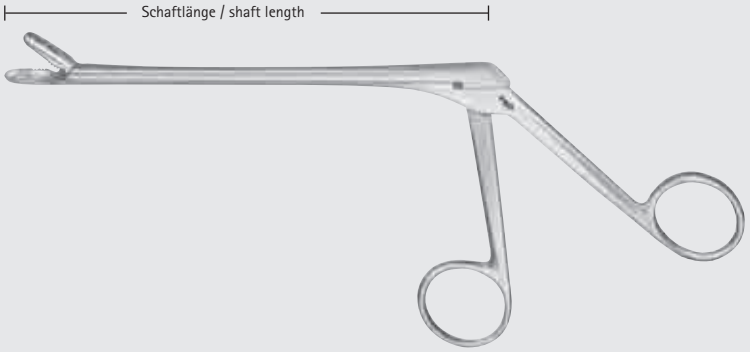
FF854R

4,0 mm



CASPAR

FF852R–FF854R

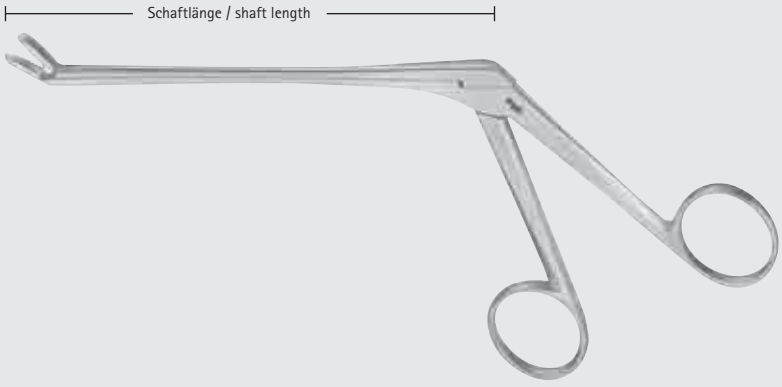


CASPAR

FF502R–FF566R

Schaftlänge Shaft length	Maulgröße Jaw size 2 x 12 mm	3 x 12 mm	4 x 14 mm	5 x 14 mm	6 x 16 mm
140 mm, 5 1/2"	**FF502R**	**FF503R**	**FF504R**		
160 mm, 6 1/4"	**FF532R**	**FF533R**	**FF534R**	**FF535R**	**FF536R**
185 mm, 7 1/4"	**FF562R**	**FF563R**	**FF564R**	**FF565R**	**FF566R**

150°



CASPAR

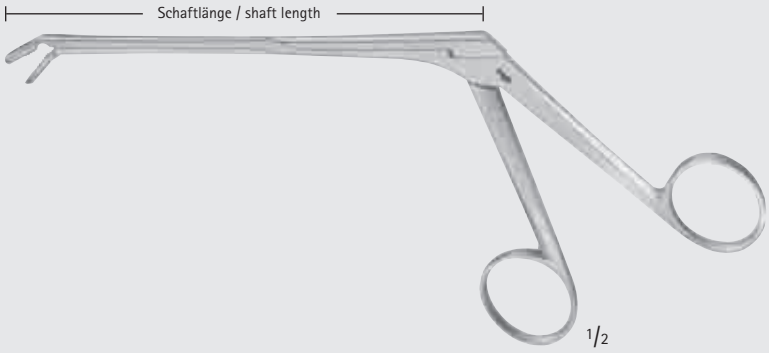
FF513R–FF575R

Schaftlänge Shaft length	Maulgröße Jaw size 3 x 12 mm	4 x 14 mm	5 x 14 mm
140 mm, 5 1/2"	**FF513R**	**FF514R**	
160 mm, 6 1/4"	**FF543R**	**FF544R**	**FF545R**
185 mm, 7 1/4"	**FF573R**	**FF574R**	**FF575R**

Knochenstanzen, Rongeure – Bone Punches, Rongeurs

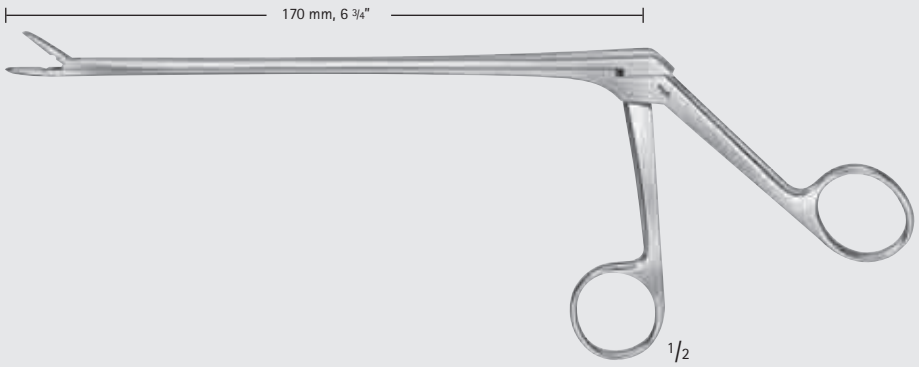
Rongeure
Rongeurs

150° unteres Maulteil beweglich
lower part of jaw movable



CASPAR
FF523R–FF584R

Schaftlänge Shaft length	Maulgröße Jaw size 3 x 12 mm	1/1 4 x 14 mm
140 mm, 5 1/2"	**FF523R**	**FF524R**
160 mm, 6 1/4"	**FF553R**	**FF554R**
185 mm, 7 1/4"	**FF583R**	**FF584R**



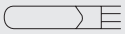
CUSHING
FF803R
2 x 10 mm

LOVE-GRUENWALD
FF805R
3 x 10 mm

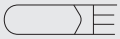
1/1
SPURLING
FF807R
4 x 10 mm

FF803R–FF807R

150°

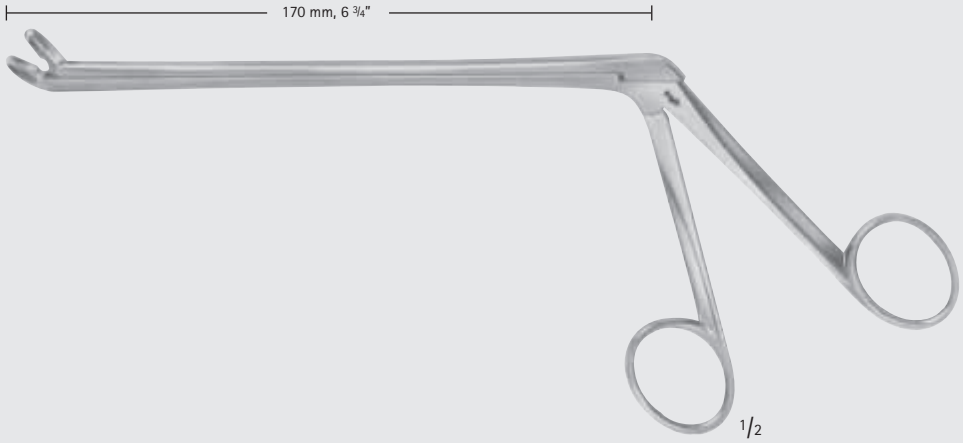


FF806R
3 x 10 mm



1/1

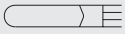
FF814R
4 x 10 mm



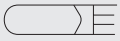
LOVE-GRUENWALD

FF806R–FF814R

150° oberes Maulteil beweglich
upper part of jaw movable

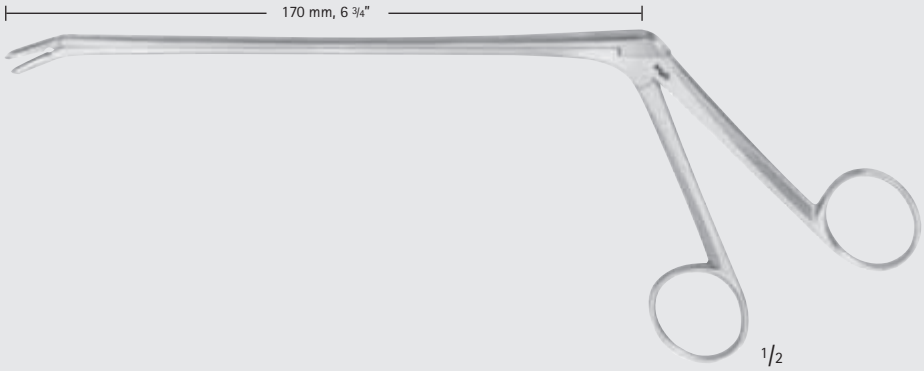


FF810R
3 x 10 mm



1/1

FF811R
4 x 10 mm

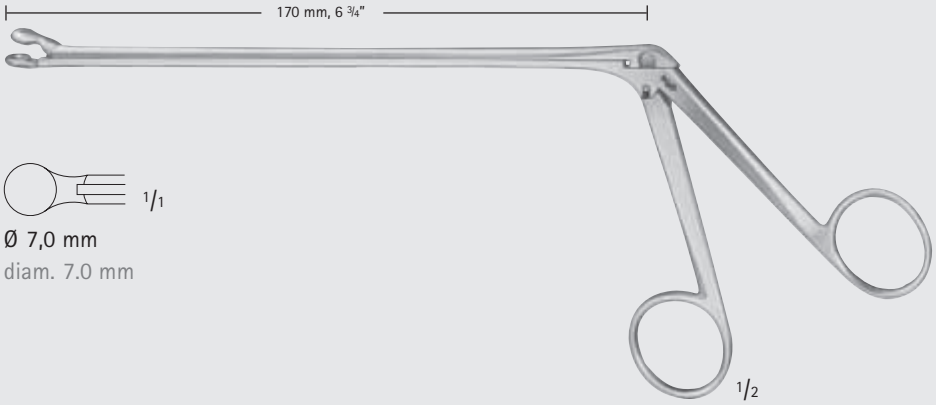


LOVE-GRUENWALD

FF810R–FF811R

Knochenstanzen, Rongeure – Bone Punches, Rongeurs

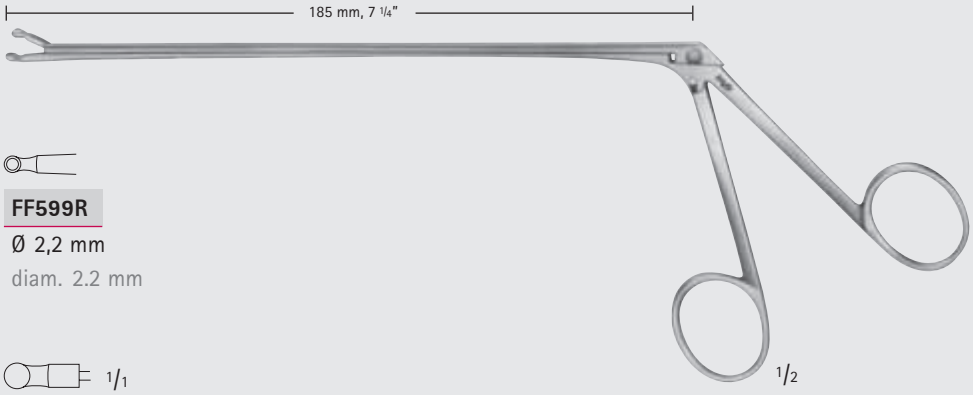
Rongeure
Rongeurs



Ø 7,0 mm
diam. 7.0 mm

OLDBERG

FF605R

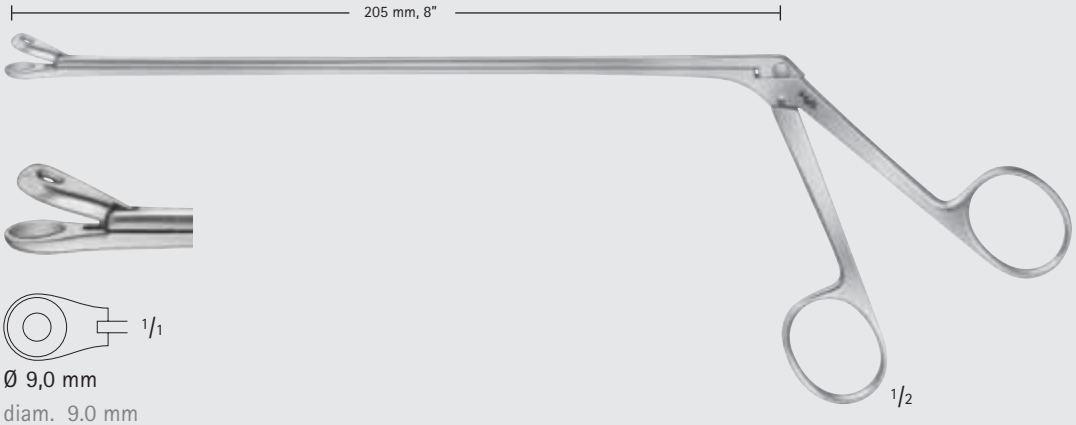


FF599R
Ø 2,2 mm
diam. 2.2 mm

FF600R
Ø 3,5 mm
diam. 3.5 mm

YASARGIL

FF599R–FF600R

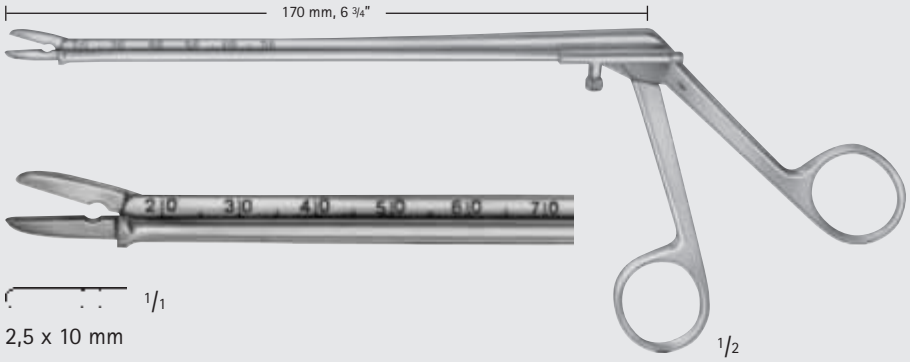


Ø 9,0 mm
diam. 9.0 mm

LANDOLT

FF345R

Tumorfasszange, stumpf
Tumor grasping forceps, blunt



2,5 x 10 mm

KRÄMER

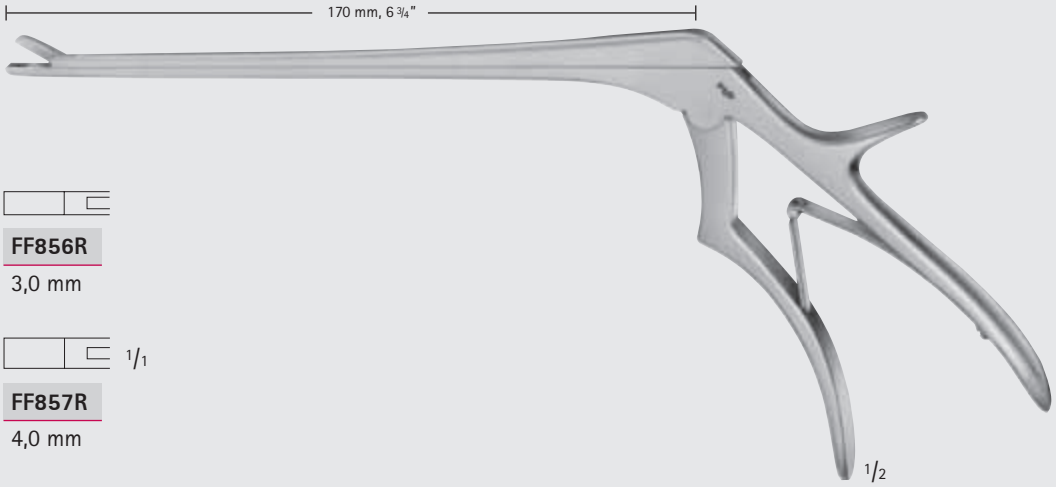
FF820R

mit Tiefenanschlag
with depth guard

Knochenstanzen, Rongeure – Bone Punches, Rongeurs

Rongeure

Rongeurs

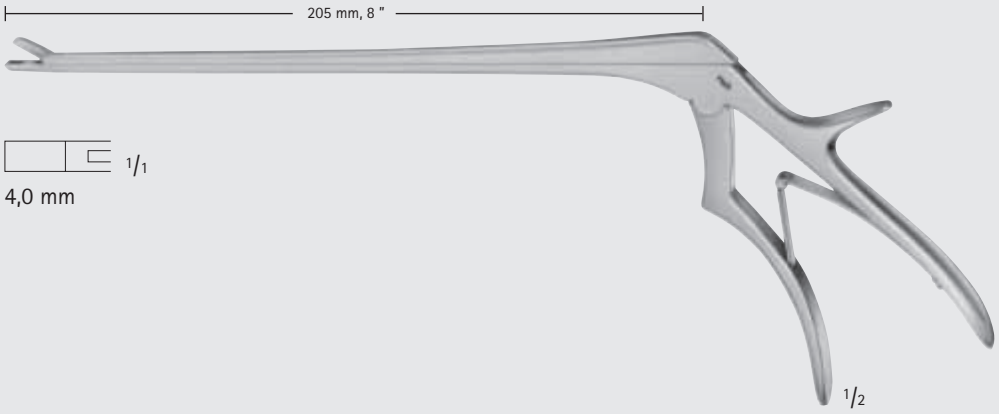


FF856R
3,0 mm

1/1

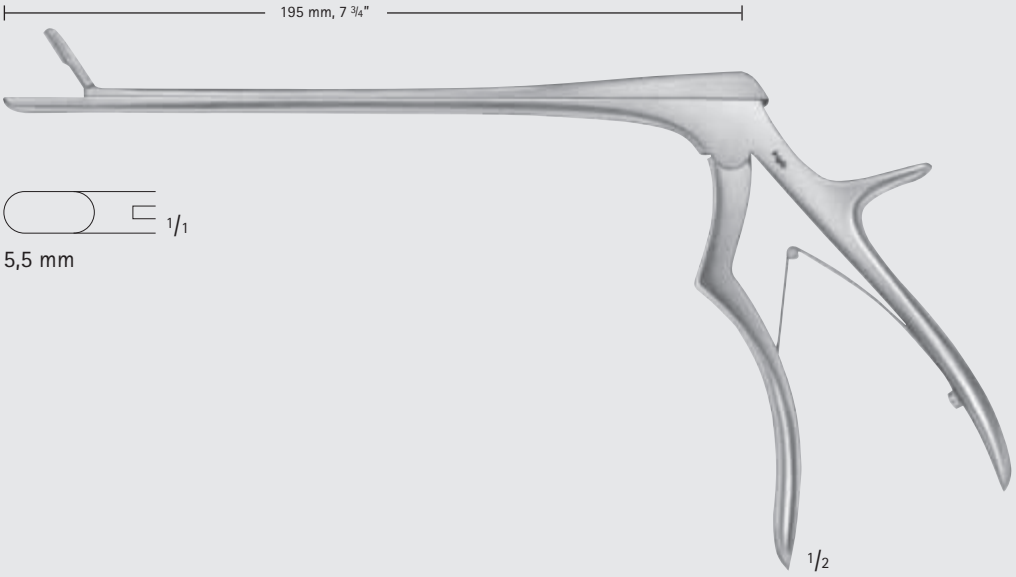
FF857R
4,0 mm

CASPAR
FF856R–FF857R



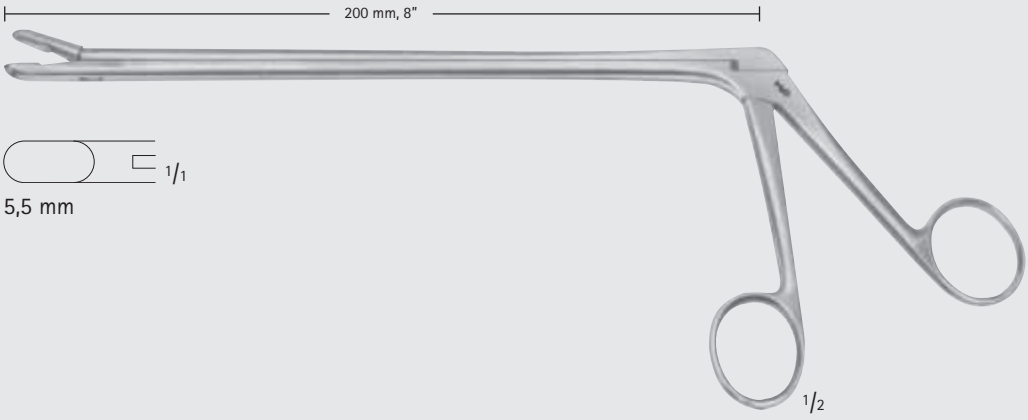
1/1
4,0 mm

CASPAR
FF858R



WAGNER

FF818R

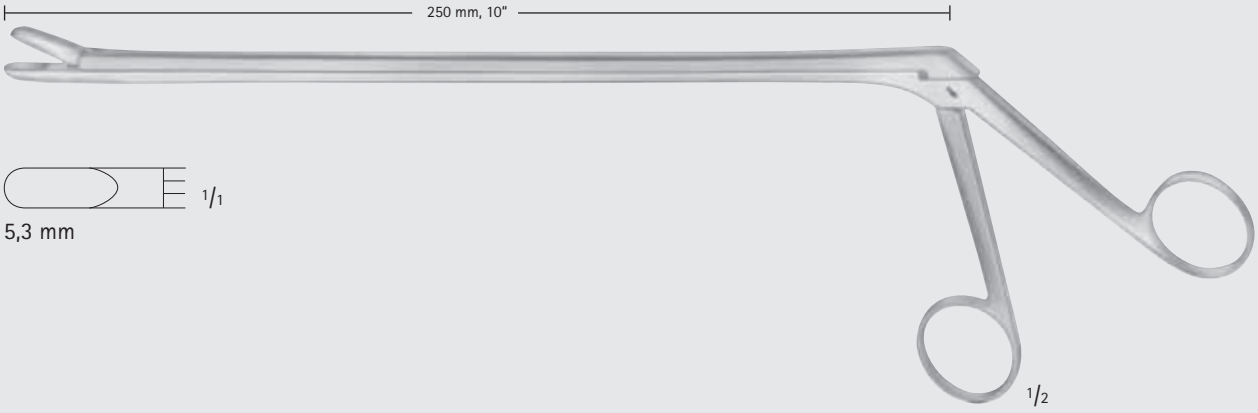


WAGNER

FF808R

MILLIMETERS

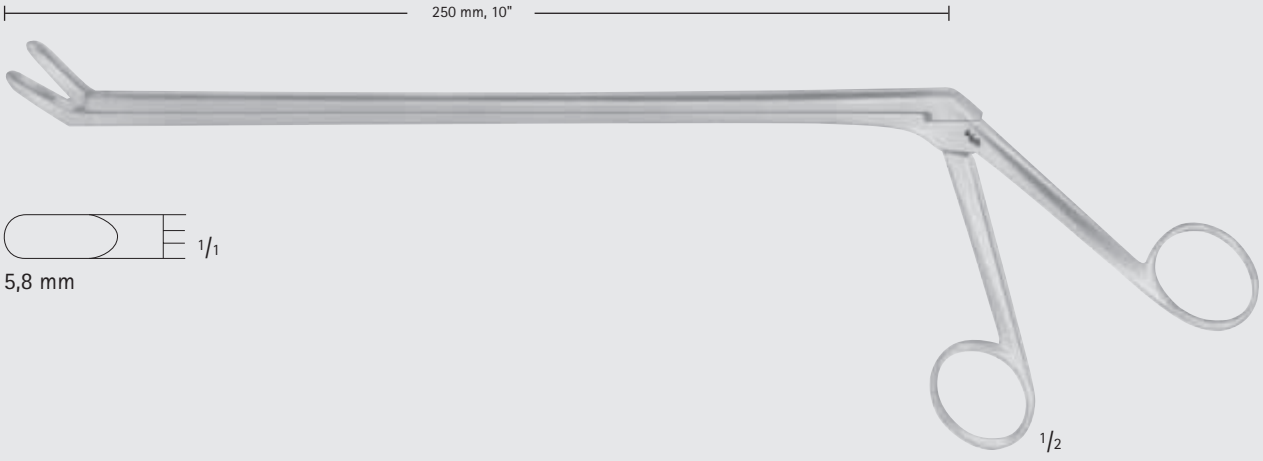
FF



5,3 mm

ND087R

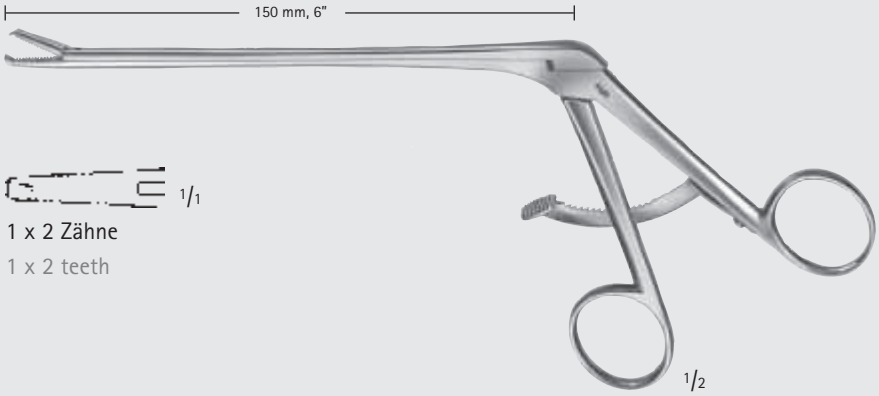
150°



5,8 mm

SYPERT

FG057R



1 x 2 Zähne
1 x 2 teeth

KRÄMER

FO820R

mit Sperre
with catch

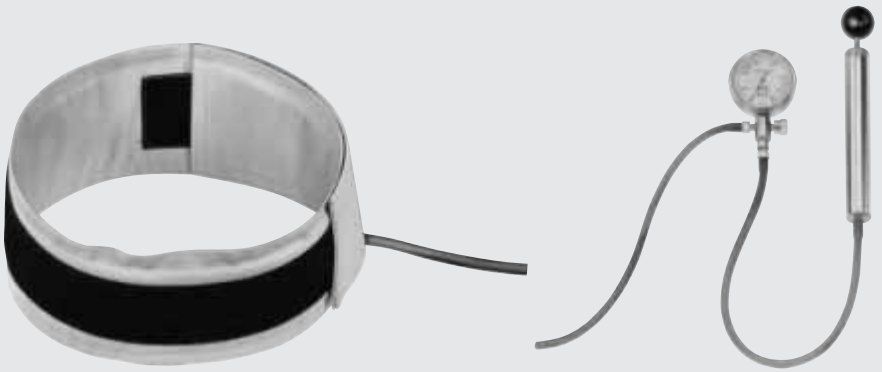
INCHES
1
2
3
4
5
6
7
8

FH

Amputation

Amputation

Amputation – Amputation
Amputation
Amputation



FH001

Komprimeter zur Erzeugung einer Blutleere in den Extremitäten. Manometer mit Messbereich bis 600 mm Hg.
Komplett, bestehend aus:

FH002	Luftpumpe mit Manometer
FH003	Oberschenkel-Manschette, 13,5 cm x 120 cm
FH014	Oberarm-Manschette, 10 cm x 84 cm

Compression apparatus for producing exsanguination in the extremities.
Manometer registers up to 600 mm Hg.
Complete, consisting of:

FH002	Pump with manometer
FH003	Cuff for the leg, 3,5 cm x 120 cm
FH014	Cuff for the upper arm, 10 cm x 84 cm

FH003	Oberschenkel-Manschette, 13,5 cm x 120 cm	Cuff for the leg, 13,5 cm x 120 cm
***FH004**	Unterarm-Manschette, 9,5 x 50 cm	Cuff for the lower arm, 9.5 x 50 cm
***FH005**	Kinder-Manschette, 7,3 x 36 cm	Cuff for children, 7.3 x 36 cm
FH014	Oberarm-Manschette, 10 cm x 84 cm	Cuff for the upper arm, 10 cm x 84 cm

* zusätzlich zu bestellen zu FH001

* to be ordered separately for FH001

ESMARCH

FH010

Staubinde
5 m lang
6 cm breit
Compression bandage
5 m long
6 cm wide

INCHES

doppelschneidig
double cutting

LISTON

FH100R–FH103R

Amputationsmesser
Amputation knives

	FH100R	FH101R	FH102R	FH103R
Schnittlänge:	130 mm	160 mm	190 mm	220 mm
Blade length:	5 1/8"	6 1/4"	7 1/2"	8 3/4"

1/2

doppelschneidig
double cutting

CATLIN

FH116R

Amputationsmesser
Amputation knife

Schnittlänge: 160 mm
Blade length: 6 1/4"

1/2

LANGENBECK

FH150R

Lappenmesser
Flap knife

Schnittlänge: 120 mm
Blade length: 6 1/4"

MILLIMETERS

Amputation – Amputation

Amputations- und Resektionsmesser

Amputation- and Resection Knives

1/2

FH160R

Phalangenmesser

Phalangeal knife

Schnittlänge: 105 mm

Blade length: 4 1/8"

doppelschneidig

double cutting

1/2

FH166R

Zwischenknochenmesser

Interosseous knife

Schnittlänge: 110 mm

Blade length: 4 3/8"

1/2

FH170R

Beinhautmesser
mit Schaber

Periosteum knife
with raspatory

Schnittlänge: 65 mm

Blade length: 2 1/2"

1/2

1/1

FH191R

FH192R

LANGENBECK

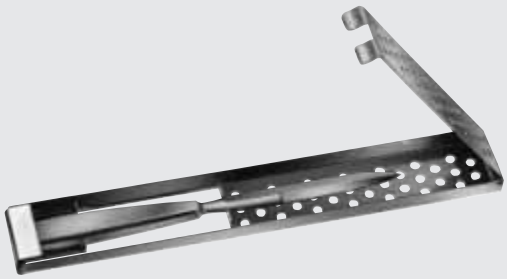
FH191R–FH192R

Resektionsmesser

Resection knives

Schnittlänge: 55 mm

Blade length: 2 1/8"



FH194R

Sterilisierrahmen für 1 Messer
mit Schnittlänge bis 140 mm
Sterilizing rack for 1 knife
with length of blade up to 140 mm
290 x 40 x 14 mm

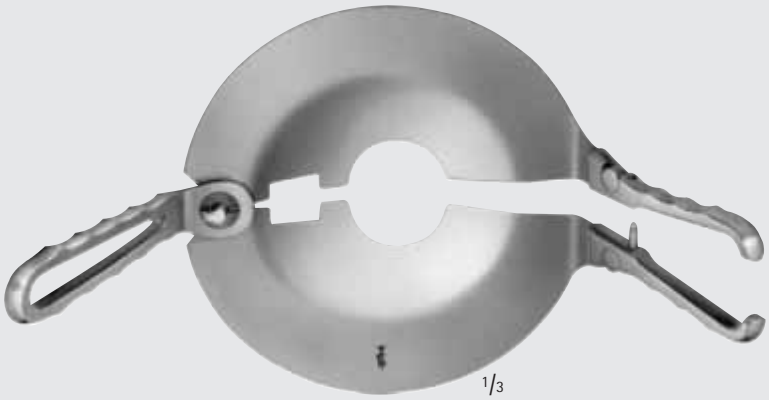
FH194R–FH197R

für Resektions- und Amputationsmesser
for Resection- and Amputation knives

FH197R

Sterilisierrahmen für 2 Messer
mit Schnittlängen bis 190 mm
Sterilizing rack for 2 knives
with length of blade up to 190 mm
335 x 65 x 14 mm

Amputation – Amputation
Amputationsretraktoren
Amputation Retractors

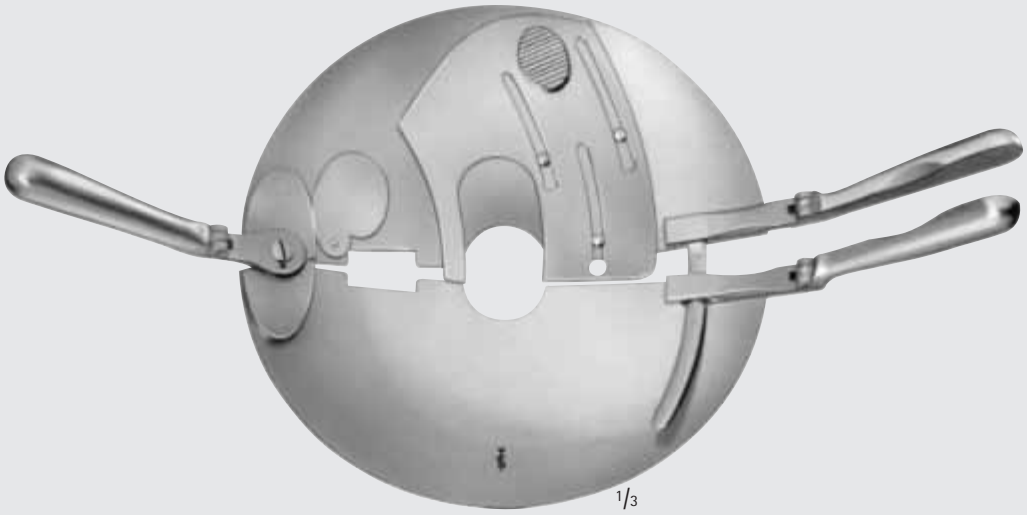


1/3

PERCY

FH220R

Griffe abnehmbar
removable handles



1/3

PERCY

FH222R

Griffe umlegbar
reversible handles

CHARRIÈRE

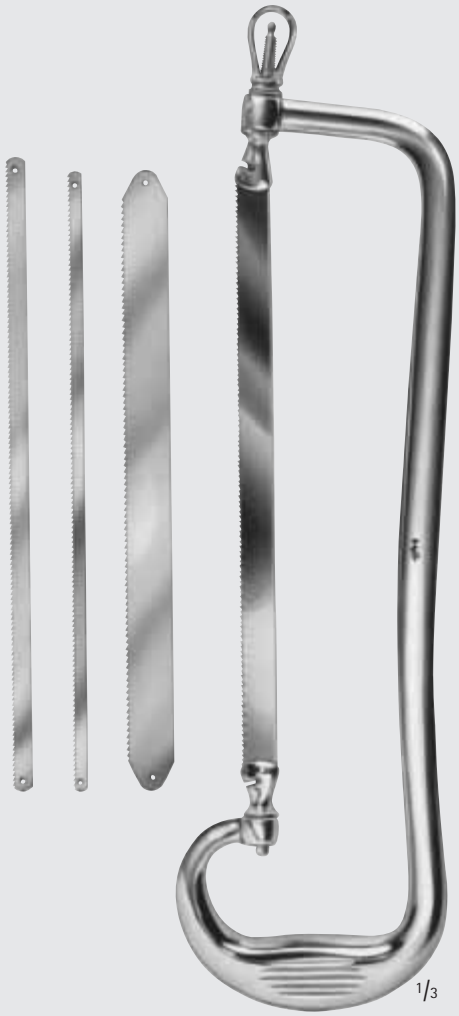
FH300R

komplett mit je 1 Sägeblatt
complete with one saw blade each
FH301C 12 mm
FH302C 18 mm
350 mm, 14"

FH301C–FH302C

Ersatz-Sägeblätter, Normalstahl verchromt
Spare saw blades, carbon steel chromium plated

	Breite Width	Blattlänge Blade length
FH301C	12 mm	215 mm, 8 1/2"
FH302C	18 mm	215 mm, 8 1/2"



RUST

FH305R

komplett mit Sägeblättern
complete with saw blades
1 FH307C 6 mm
1 FH308C 8 mm
2 FH310C 12 mm
390 mm, 15 1/2"

FH306R

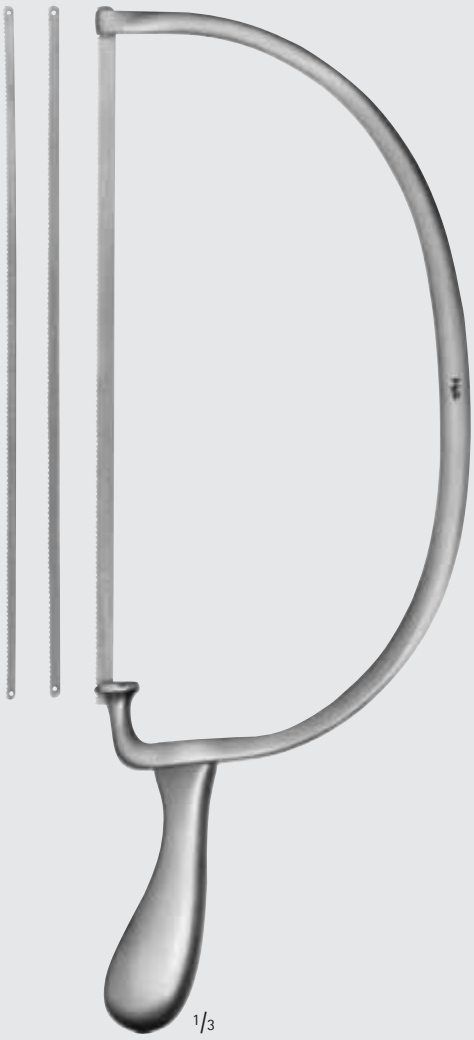
Bogen allein
Bow only

FH307C–FH312C

Ersatz-Sägeblätter, Normalstahl verchromt
Spare saw blades, carbon steel chromium plated

	Breite Width	Blattlänge Blade length
FH307C	6 mm	235 mm, 9 1/4"
FH308C	8 mm	235 mm, 9 1/4"
FH310C	12 mm	235 mm, 9 1/4"
FH312C	18 mm	235 mm, 9 1/4"

Amputation – Amputation
Amputationssägen
Amputation Saws



BIER

FH313R

komplett mit je 1 Sägeblatt
complete with one saw blade each
FH314C 4 mm
FH315C 6 mm
FH316C 8 mm
420 mm, 16 3/4"

FH314C–FH316C

Ersatz-Sägeblätter, Normalstahl verchromt
Spare saw blades, carbon steel chromium plated

	Breite Width	Blattlänge Blade length
FH314C	4 mm	270 mm, 10 1/2"
FH315C	6 mm	270 mm, 10 1/2"
FH316C	8 mm	270 mm, 10 1/2"

CHARRIÈRE

FH320R

270 mm, 10 1/2"
Blattlänge: 184 mm,
Blade length: 7 1/4"

SATTERLEE

FH325R

290 mm, 11 1/2"

	Blattlänge Blade length
FH326R	200 mm, 8"

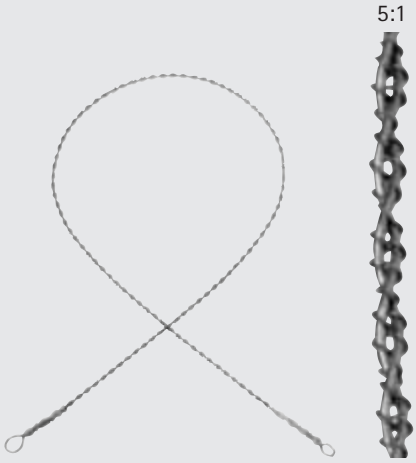
Ersatz-Sägeblatt
Spare saw blade

LANGENBECK

FH335R

Finger-Stichsäge
Metacarpal saw
235 mm, 9 1/4"
Blattlänge: 115 mm,
Blade length: 4 1/2"

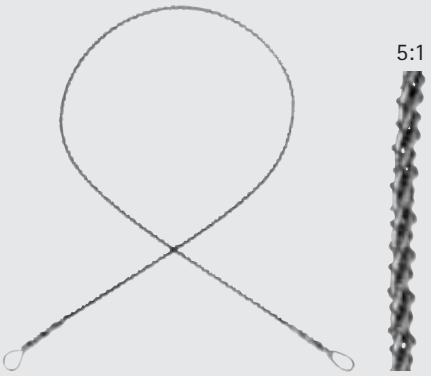
Amputation – Amputation
Drahtsägen
Wire Saws



OLIVECRONA

	Ø Diam.	
FH403	1,5 mm	300 mm, 12"
FH404	1,3 mm	400 mm, 16"
FH405	1,2 mm	500 mm, 20"
FH407	1,2 mm	700 mm, 28"

Bestelleinheit:
PAK = Packung à 5 Stück
Sales unit:
PAK = Package of 5 pieces



GIGLI

	Ø Diam.	
FH413	1,4 mm	300 mm, 12"
FH414	1,4 mm	400 mm, 16"
FH415	1,4 mm	500 mm, 20"

fein, 6-teilig
fine, 6 wires twisted

FH430R
grob, 4-teilig
coarse, 4 wires twisted
500 mm, 20"
Bestelleinheit:
PAK = Packung à 5 Stück
Sales unit:
PAK = Package of 5 pieces

GIGLI

FH480R
Griff
Handle

1/2

LEBSCHE

FF133C

Umführungsinstrument für GIGLI und OLIVECRONA Drahtsägen, biegsam

Conductor for GIGLI and OLIVECRONA wire saws, malleable

250 mm, 10″

1/2

DE MARTEL

FF130R

Umführungsinstrument für GIGLI und OLIVECRONA Drahtsägen, flexibel

Conductor for GIGLI and OLIVECRONA wire saws, flexible

350 mm, 14″

INCHES
1
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3
4
5
6
7
8

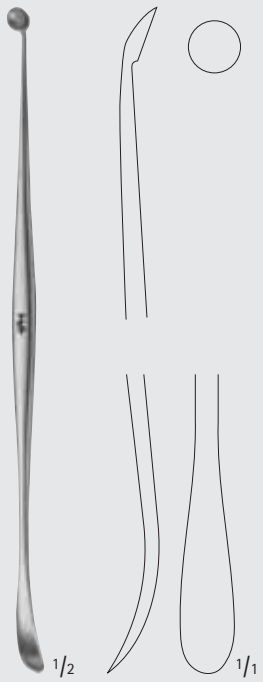
FK

Knochenhebel, Elevatorien, Raspatorien, Scharfe Löffel

Bone Levers, Periosteal Elevators, Bone Curettes

Knochenhebel, Raspatorien, Scharfe Löffel – Bone Levers, Elevators, Bone Curettes

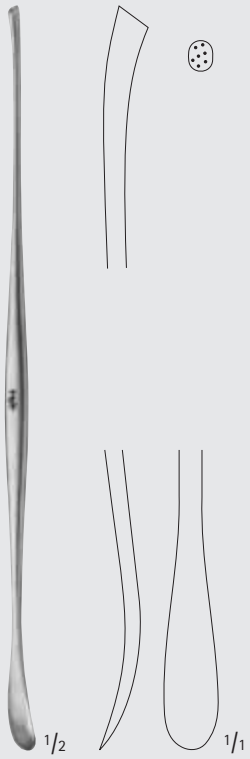
Dissektoren
Dissectors



PENFIELD

FF291R

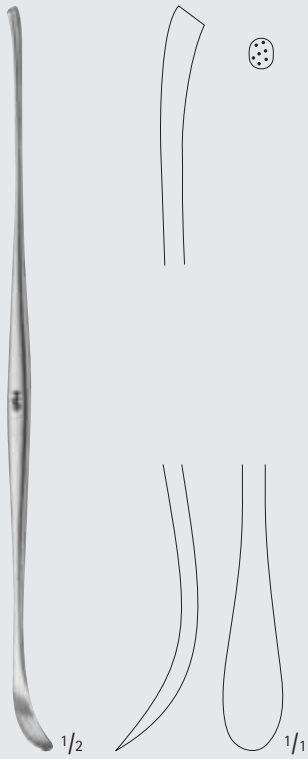
Fig. 1
doppelendig
double-ended
175 mm, 7"



PENFIELD

FF292R

Fig. 2
doppelendig
double-ended
195 mm, 7 3/4"



PENFIELD

FF293R

Fig. 3
doppelendig
double-ended
195 mm, 7 3/4"

PENFIELD

FF294R

Fig. 4
leicht gebogen
slightly curved
205 mm, 8"

SWEDISH

FF347R 180 mm, 7"
leichtes Modell
light pattern

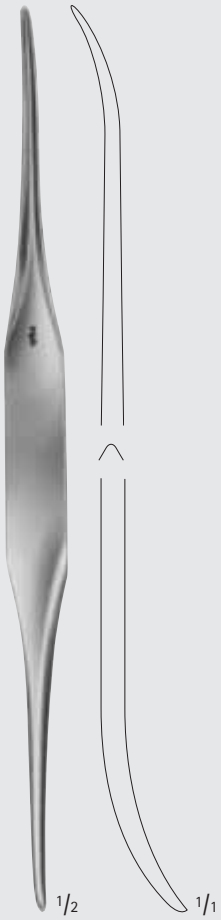
FF348R 200 mm, 8"
kräftiges Modell
heavy pattern

PENNYBACKER

FF349R
Sonde und Dissektor
Probe dissector
230 mm, 9"

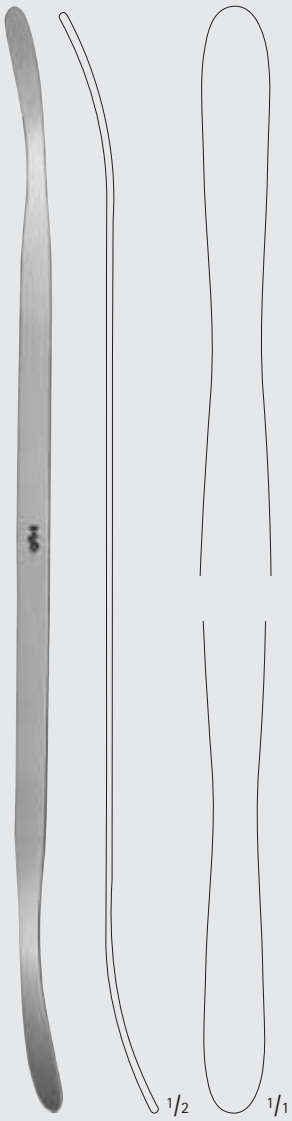
O'CONNELL

FF730R
doppelendig
double-ended
220 mm, 8 3/4"



TÖNNIS

FF308R
Hohlsonde
Grooved director
240 mm, 9 1/2"



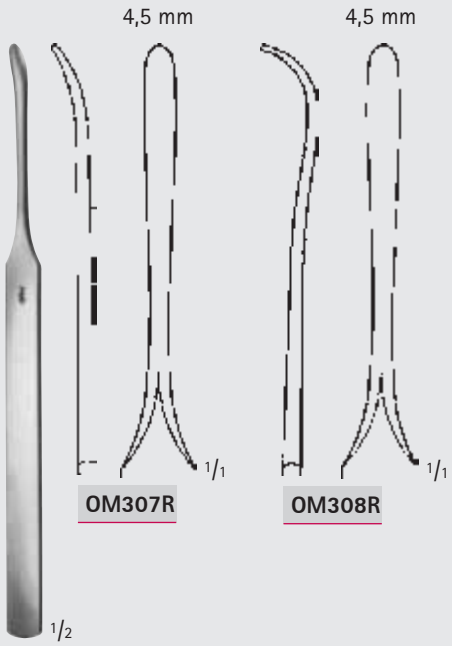
PENFIELD

FF295R
Fig. 5
doppelendig, leicht gebogen
double-ended, slightly curved
290 mm, 11 1/2"

Knochenhebel, Raspatorien, Scharfe Löffel – Bone Levers, Elevators, Bone Curettes

Elevatorien und Knochenhebel

Elevators and Bone Levers

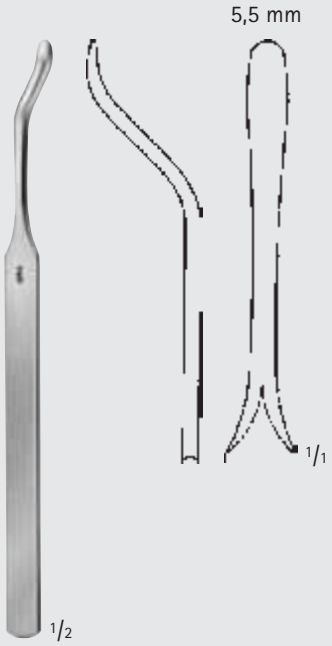


OM307R **OM308R**

KÖNIG

OM307R-OM308R

155 mm, 6"



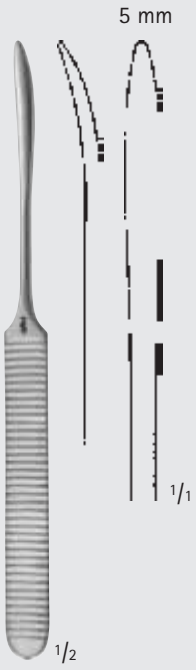
FK110R

155 mm, 6"

CAIRNS

FK141R

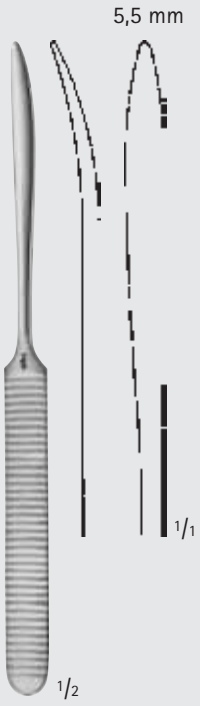
175 mm, 6 3/4"



WILLIGER

FK120R

165 mm, 6 1/2"



WILLIGER

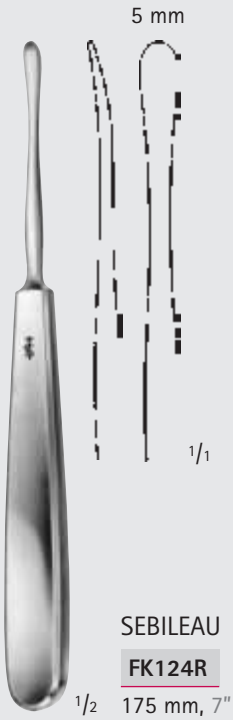
FK121R

170 mm, 6 3/4"

MB275R	**MB276R**	**MB277R**	**MB278R**
klein	mittel	groß	extra groß
small	medium	large	extra large
14 mm	19 mm	25 mm	30 mm
185 mm	205 mm	235 mm	255 mm
7 1/4"	8"	9 1/4"	10"

CHANDLER

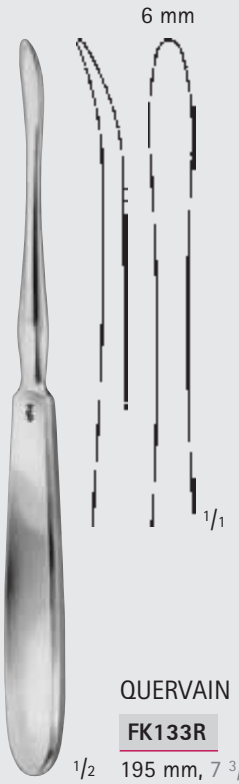
MB275R-MB278R



SEBILEAU

FK124R

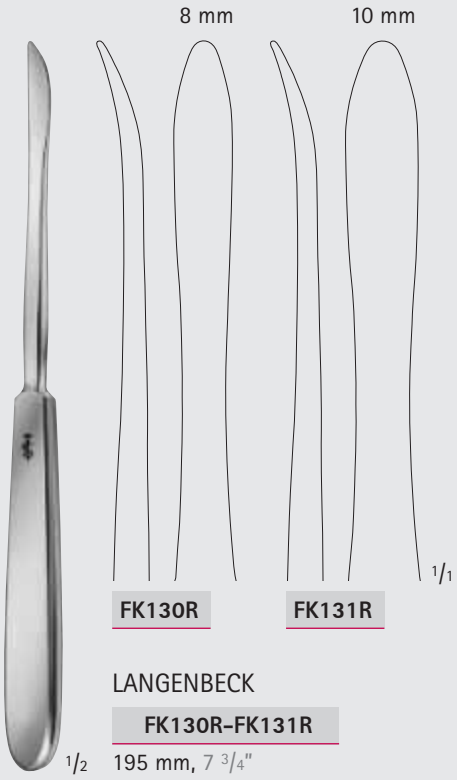
175 mm, 7"



QUERVAIN

FK133R

195 mm, 7 3/4"

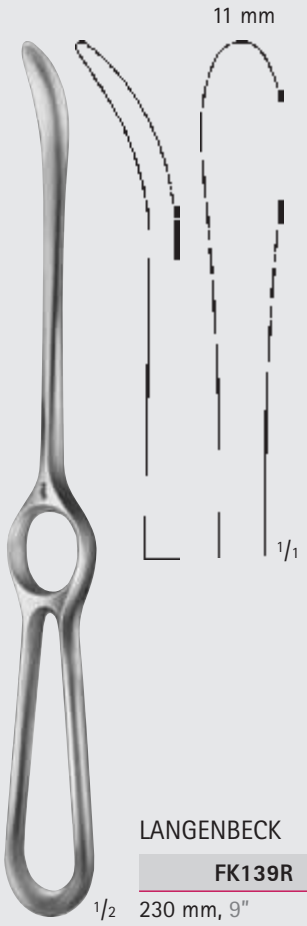


FK130R **FK131R**

LANGENBECK

FK130R–FK131R

195 mm, 7 3/4"



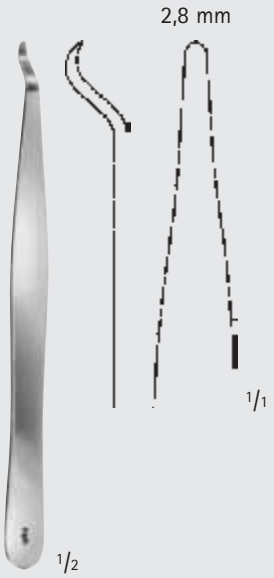
LANGENBECK

FK139R

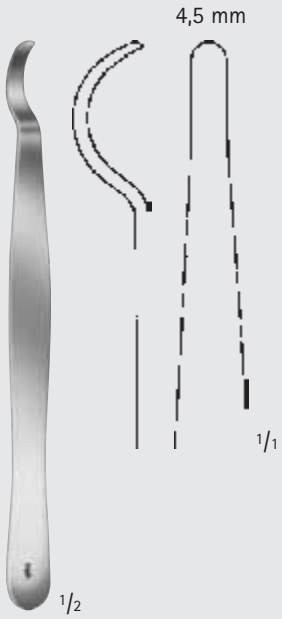
230 mm, 9"

Knochenhebel, Raspatorien, Scharfe Löffel – Bone Levers, Elevators, Bone Curettes

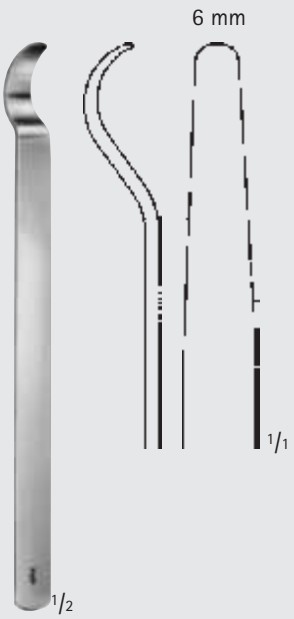
Knochenhebel
Bone Levers



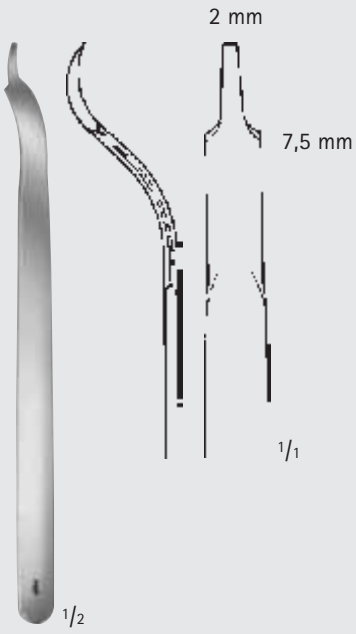
FK111R
140 mm, 5 1/2"



FK113R
150 mm, 6"



FK114R
150 mm, 6"

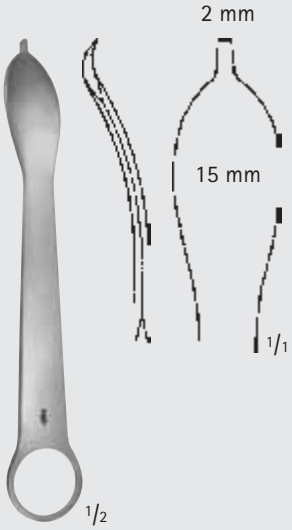


BUCK-GRAMCKO

FK116R
150 mm, 6"

FK117R
160 mm, 6 1/4"

FK118R
160 mm, 6 1/4"

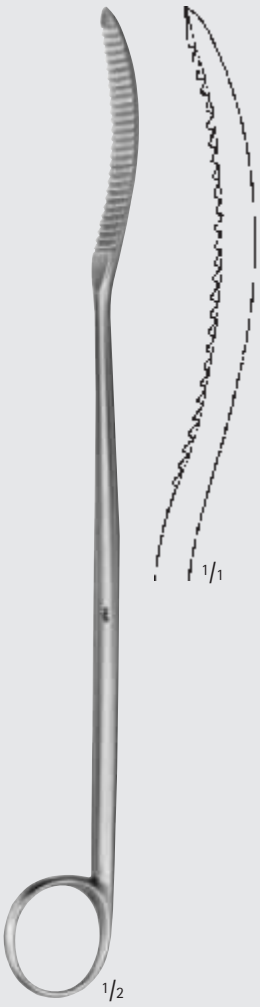


FK119R
125 mm, 5"

LANE TRETHOWAN

FK135R

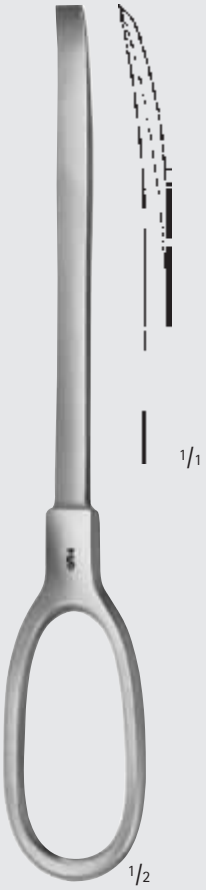
215 mm, 8 1/2"



LANE

FK136R

255 mm, 10"



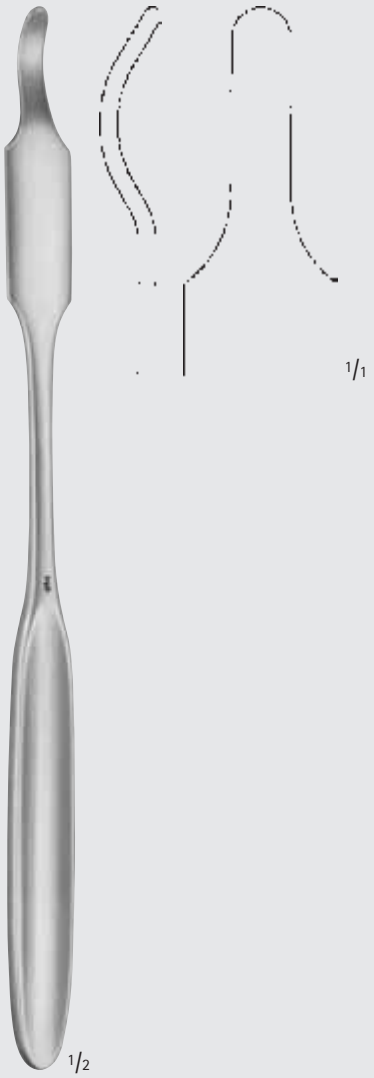
BRISTOW

FK140R

230 mm, 9"

Knochenhebel, Raspatorien, Scharfe Löffel – Bone Levers, Elevators, Bone Curettes

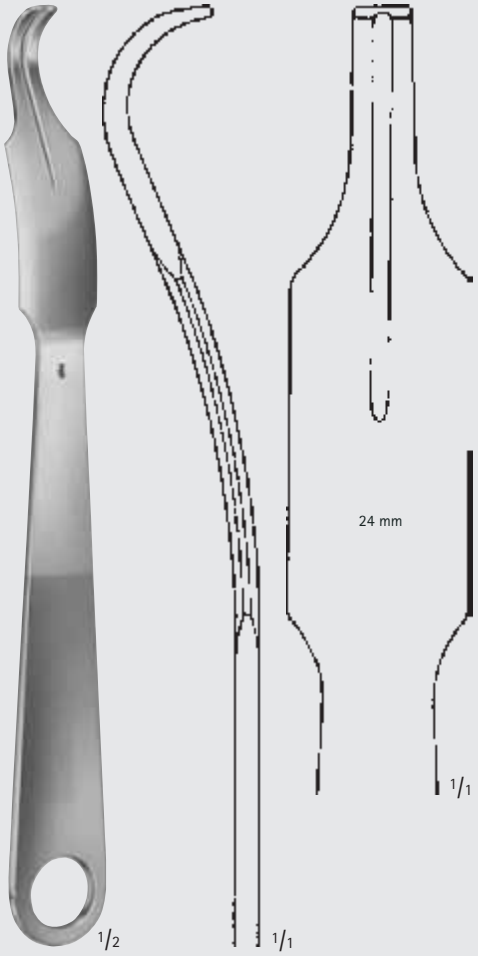
Knochenhebel
Bone Levers



WATSON-JONES

FK156R

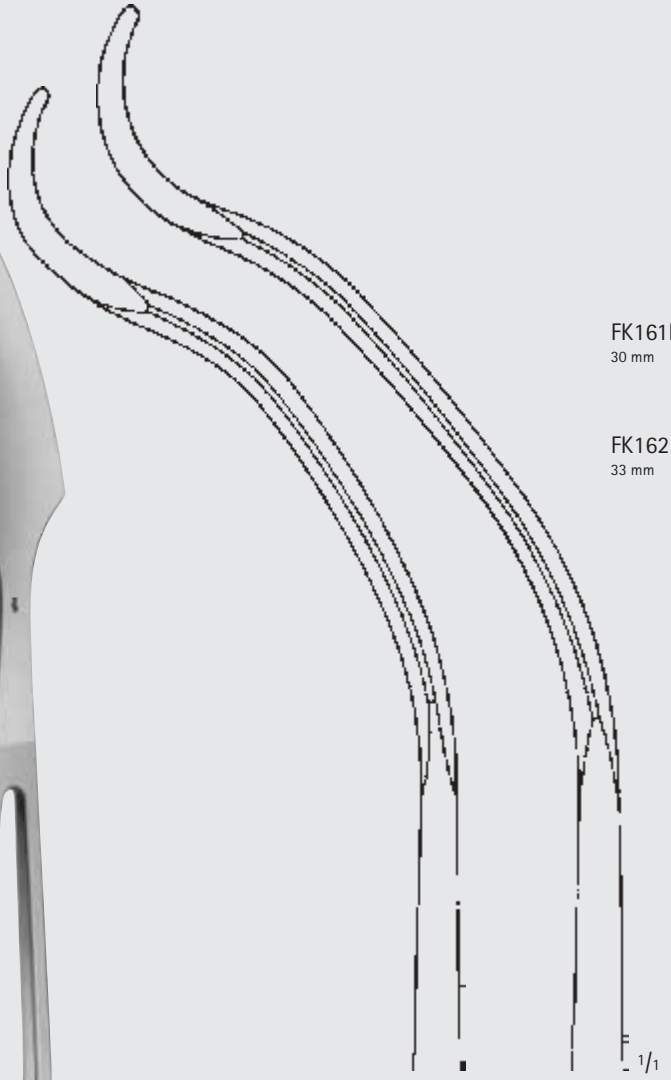
280 mm, 11"

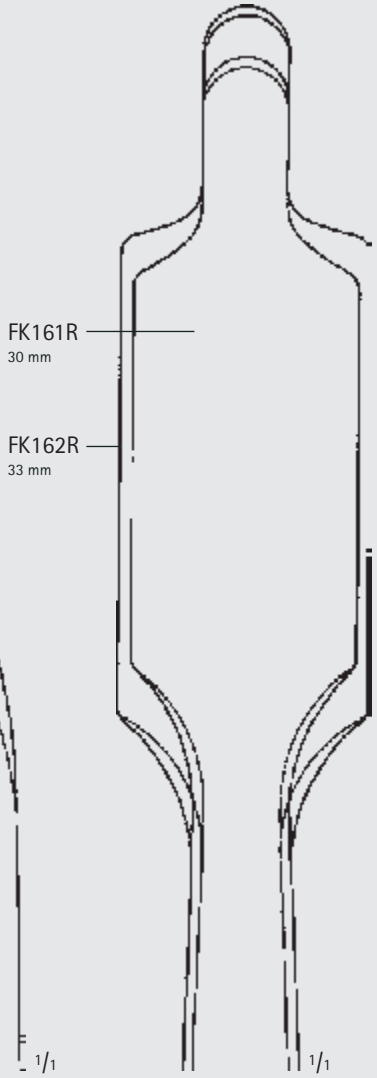


LANGE-HOHMANN

FK160R

250 mm, 10"





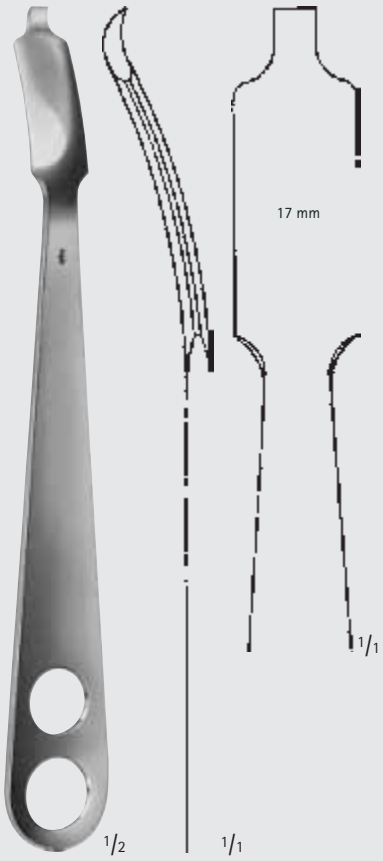
FK161R FK162R

LANGE-HOHMANN MODIF.

FK161R	265 mm	10 1/2"
FK162R	280 mm	11 1/2"

Knochenhebel, Raspatorien, Scharfe Löffel – Bone Levers, Elevators, Bone Curettes

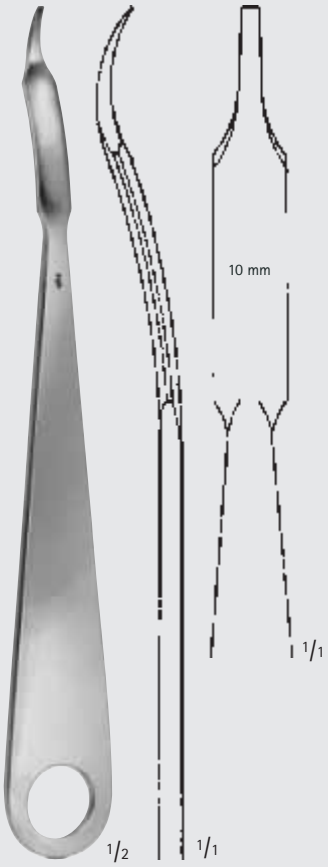
Knochenhebel
Bone Levers



WAGNER

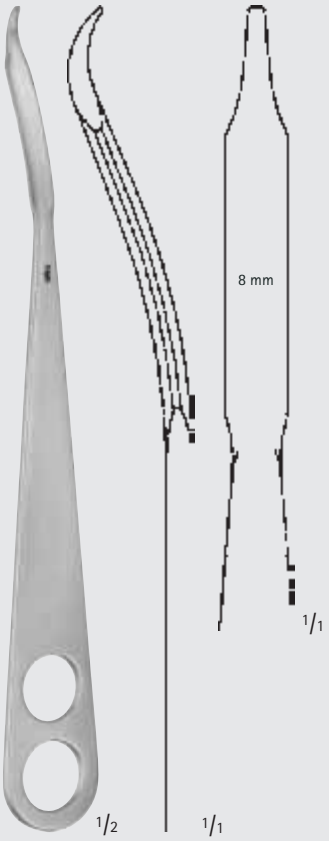
FK167R

220 mm, 8 3/4"



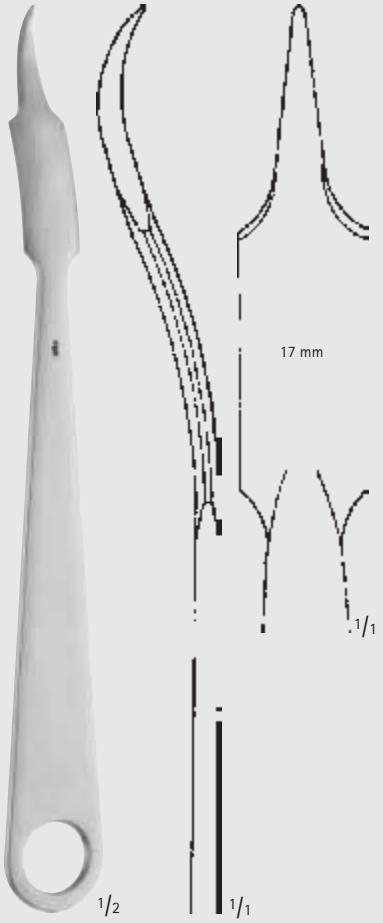
FK170R

220 mm, 8 3/4"

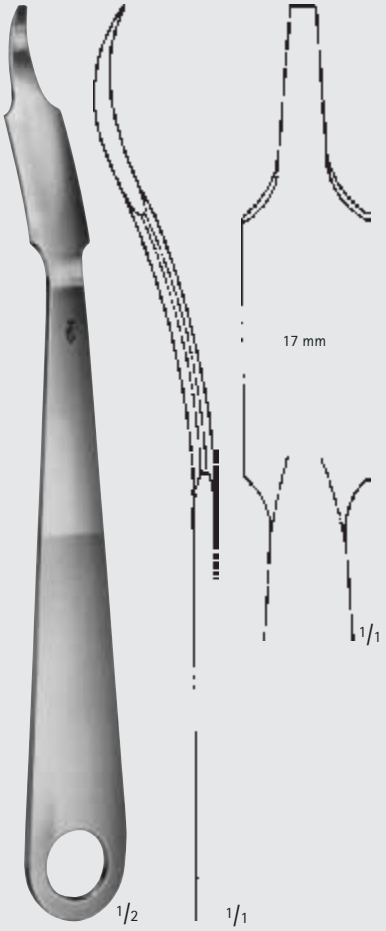


FK185R

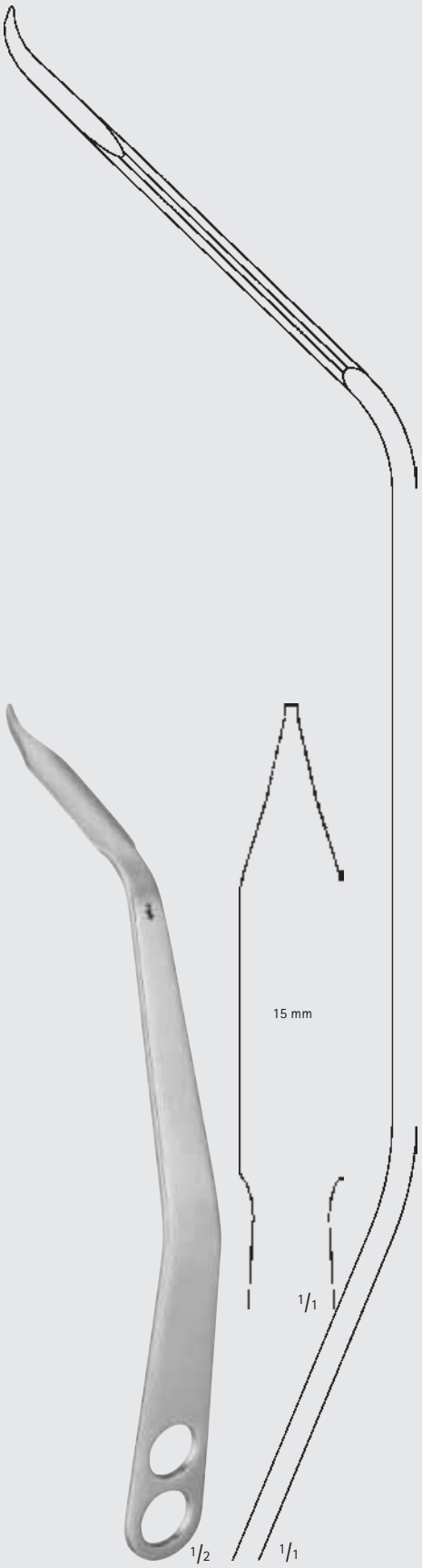
220 mm, 8 3/4"



FK166R
240 mm, 9 1/2"



FK171R
240 mm, 9 1/2"

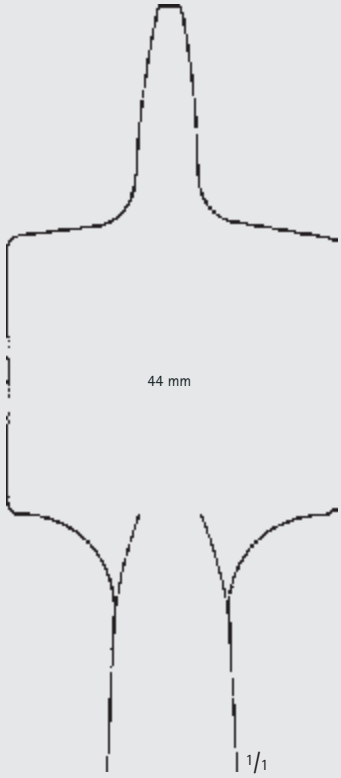


FK186R
250 mm, 10"

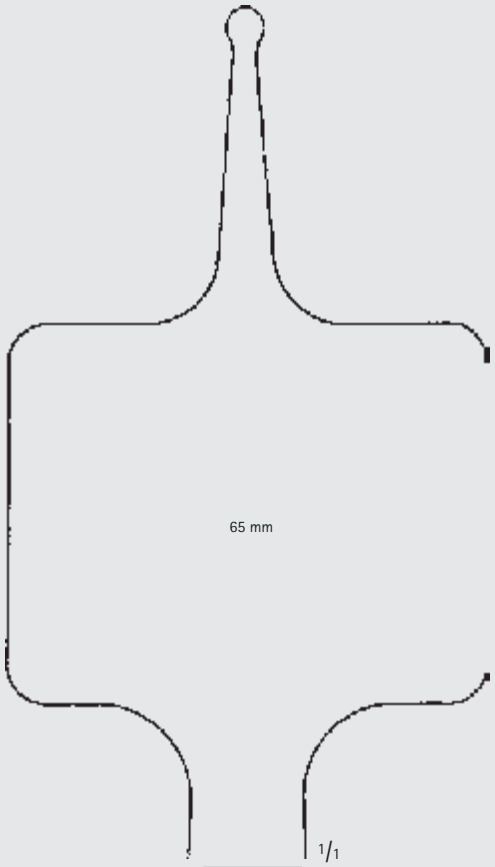
Knochenhebel, Raspatorien, Scharfe Löffel – Bone Levers, Elevators, Bone Curettes

Knochenhebel
Bone Levers

FK174R | FK175R



FK174R

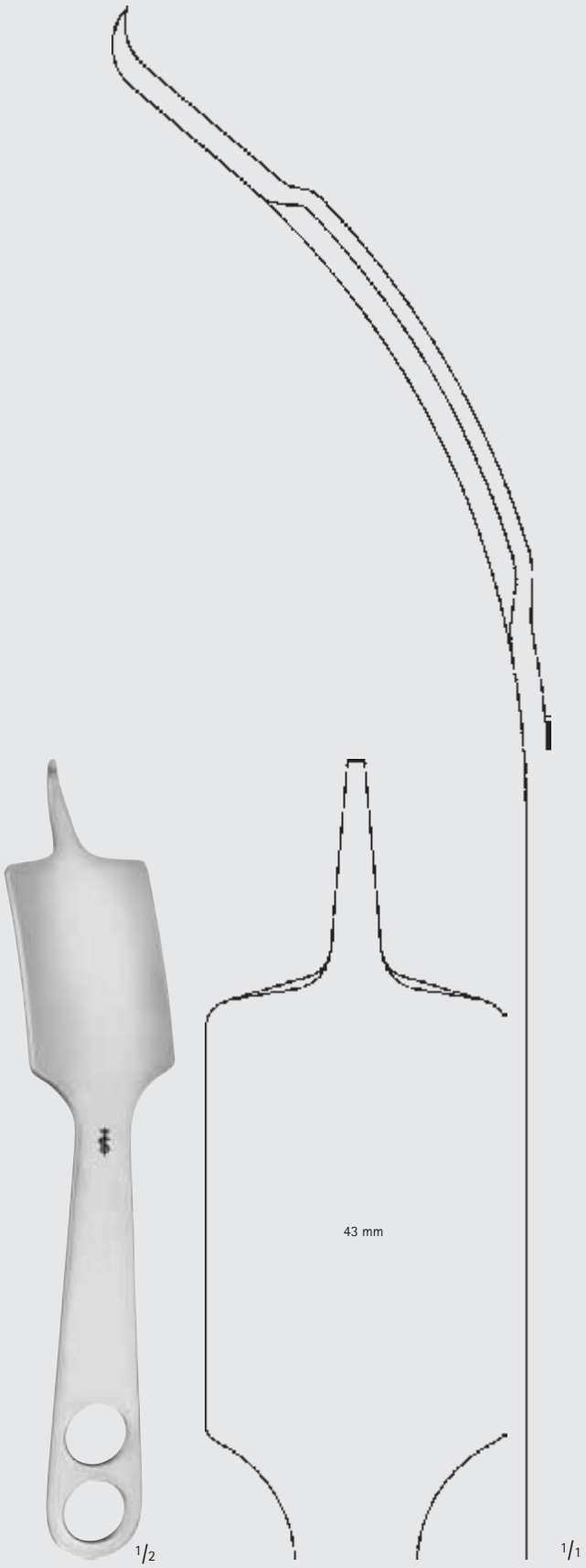


FK175R

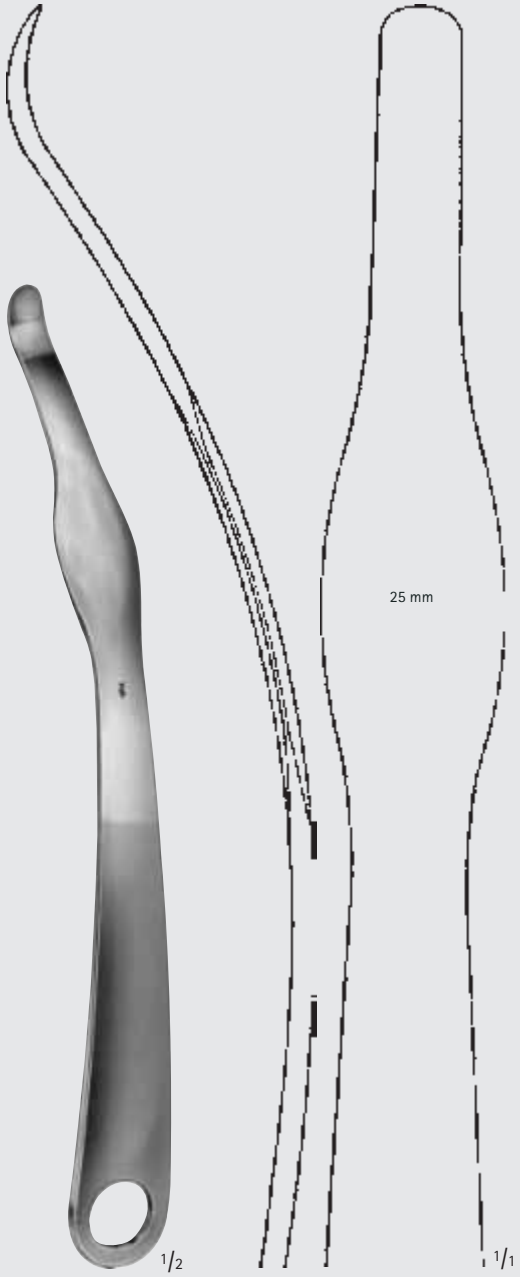
VERBRUGGE-MÜLLER

FK174R	240 mm	9 1/2"
FK175R	255 mm	10"

INCHES



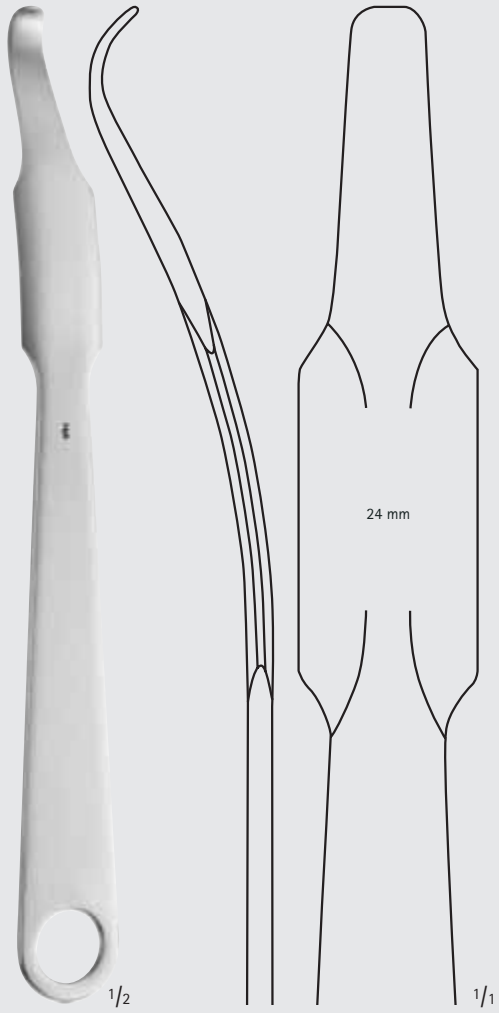
FK188R
230 mm, 9"



FK176R
260 mm, 10 1/4"

Knochenhebel, Raspatorien, Scharfe Löffel – Bone Levers, Elevators, Bone Curettes

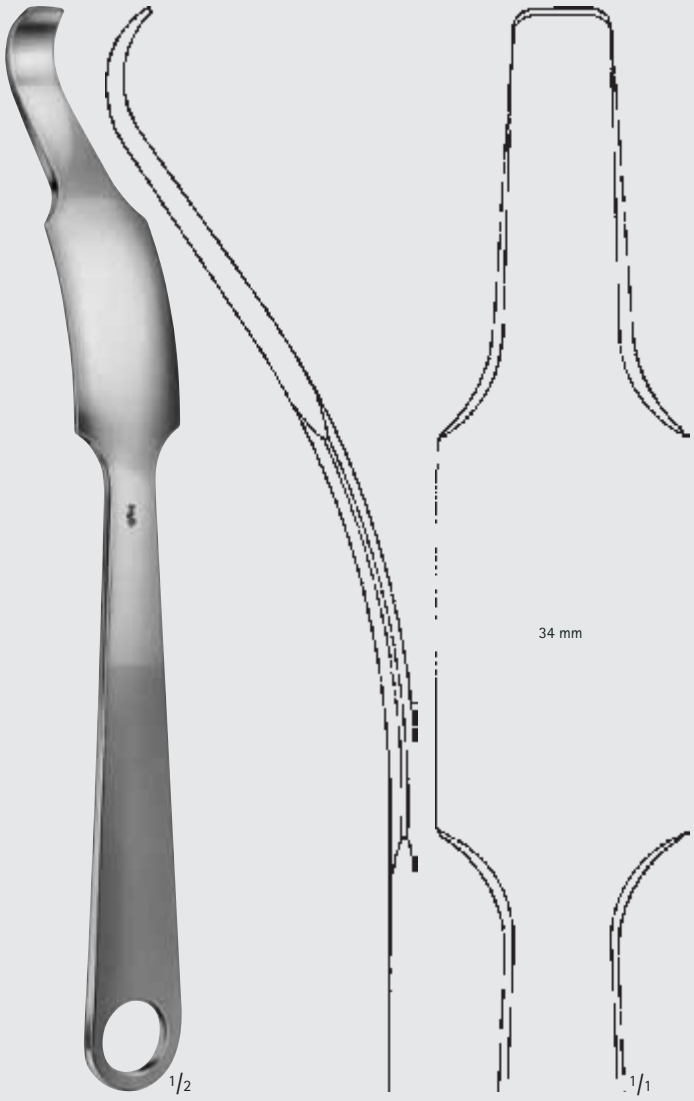
Knochenhebel
Bone Levers



HOHMANN

FK172R

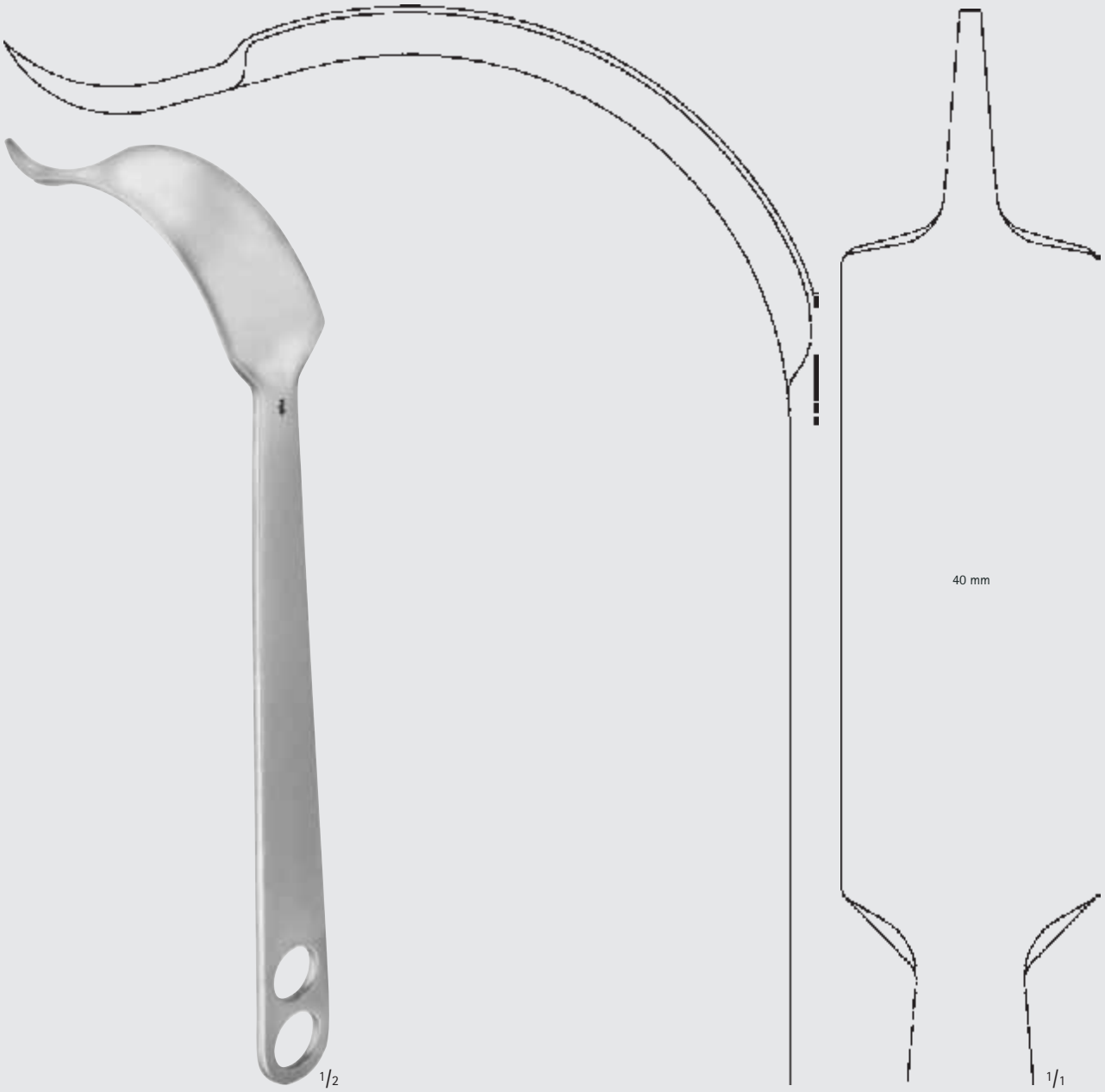
260 mm, 10 1/4"



HOHMANN

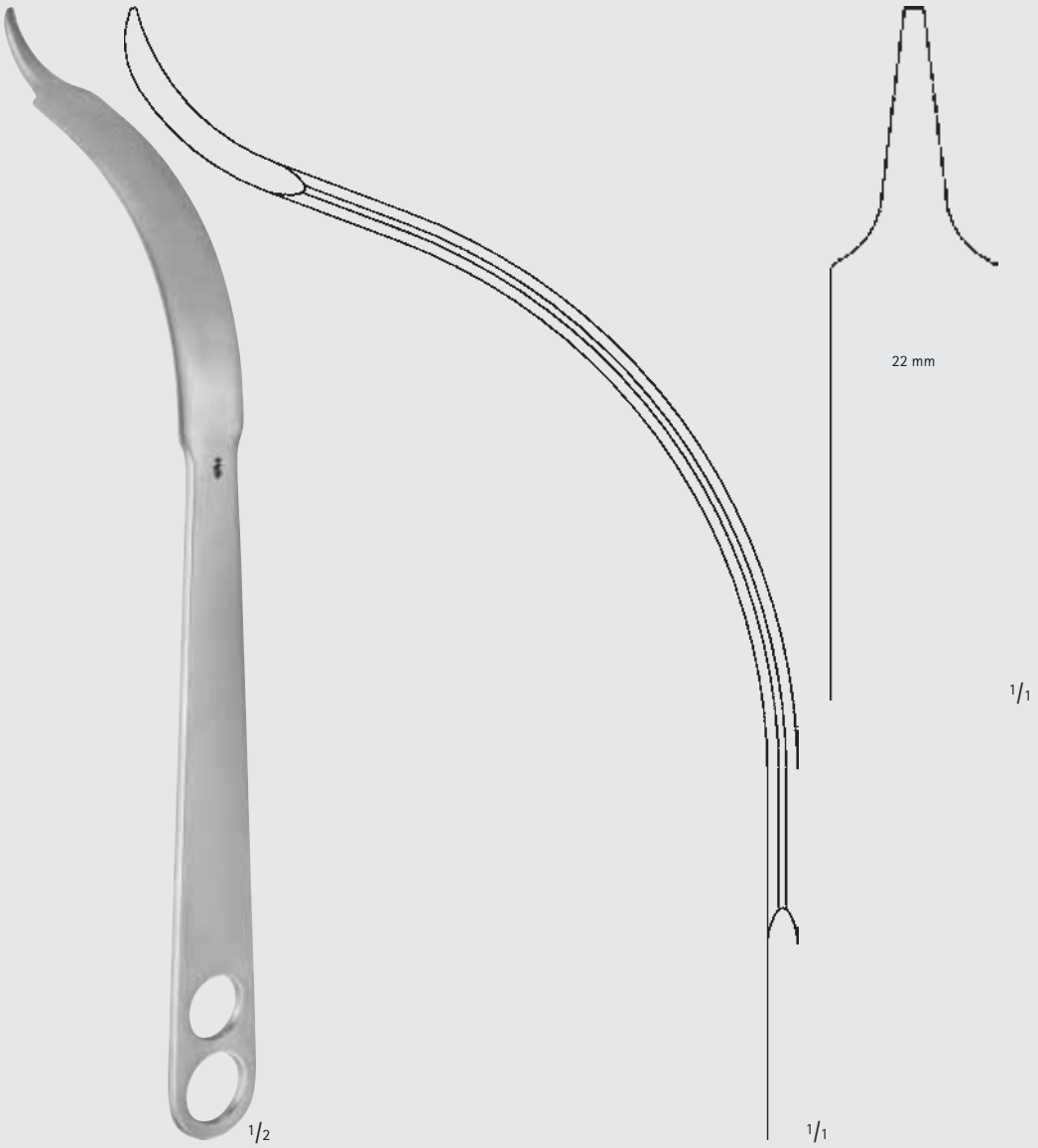
FK173R

285 mm, 11 1/4"



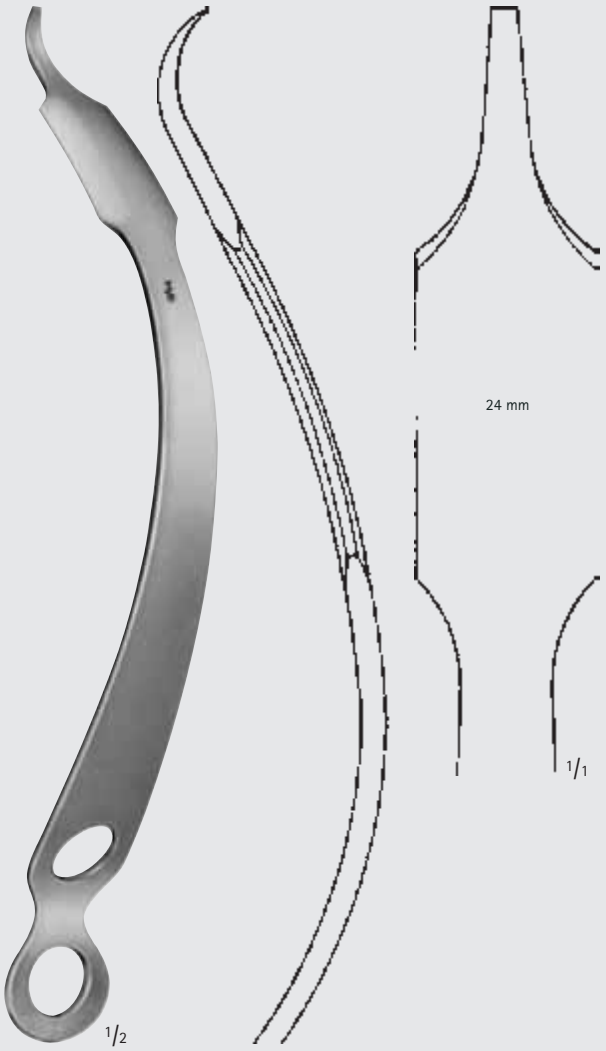
FK189R

290 mm, 11 1/2"



FK187R

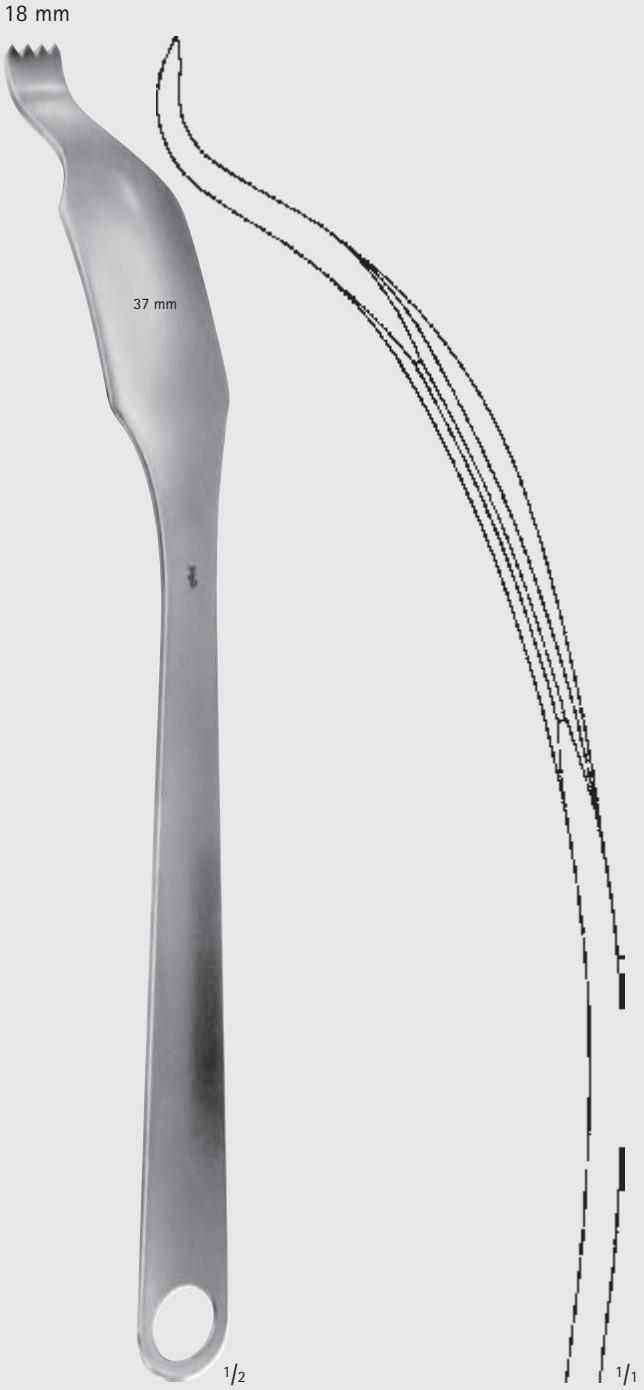
300 mm, 12"



HOHMANN-ALDINGER

FK169R

270 mm, 10 3/4"



SCHUMACHER MOD. WAGNER

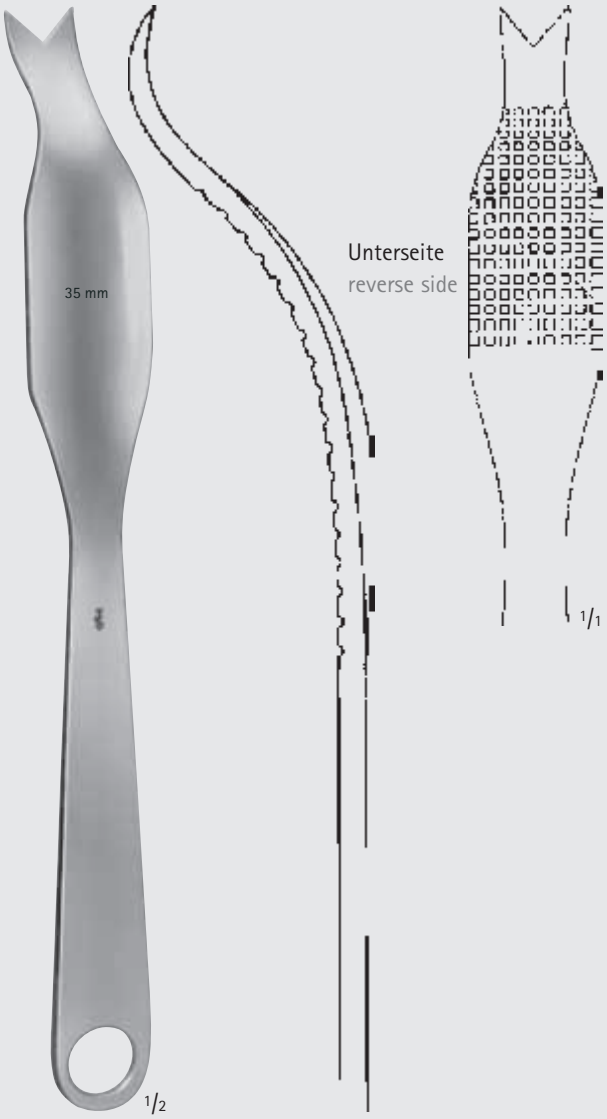
FK168R

355 mm, 13 1/2"

Knochenhebel, Raspatorien, Scharfe Löffel – Bone Levers, Elevators, Bone Curettes

Knochenhebel, Spezial-Knochenhebel
Bone Levers, Special Bone Levers

18 mm

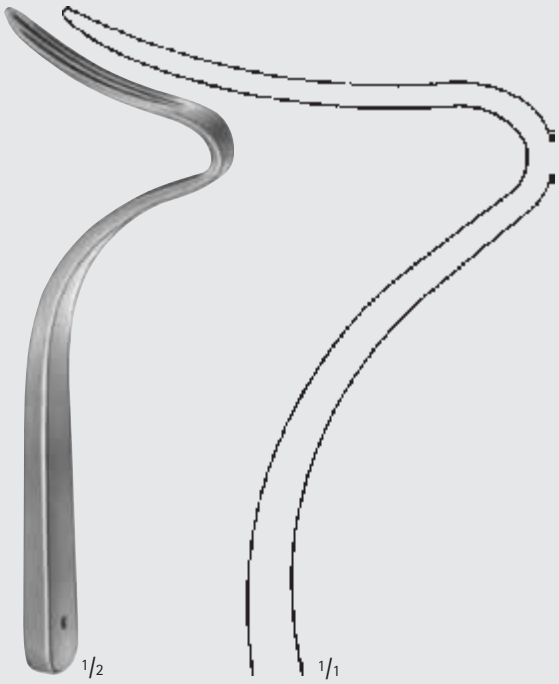


SCHUMACHER

FK177R

290 mm, 11 1/2"

12 mm

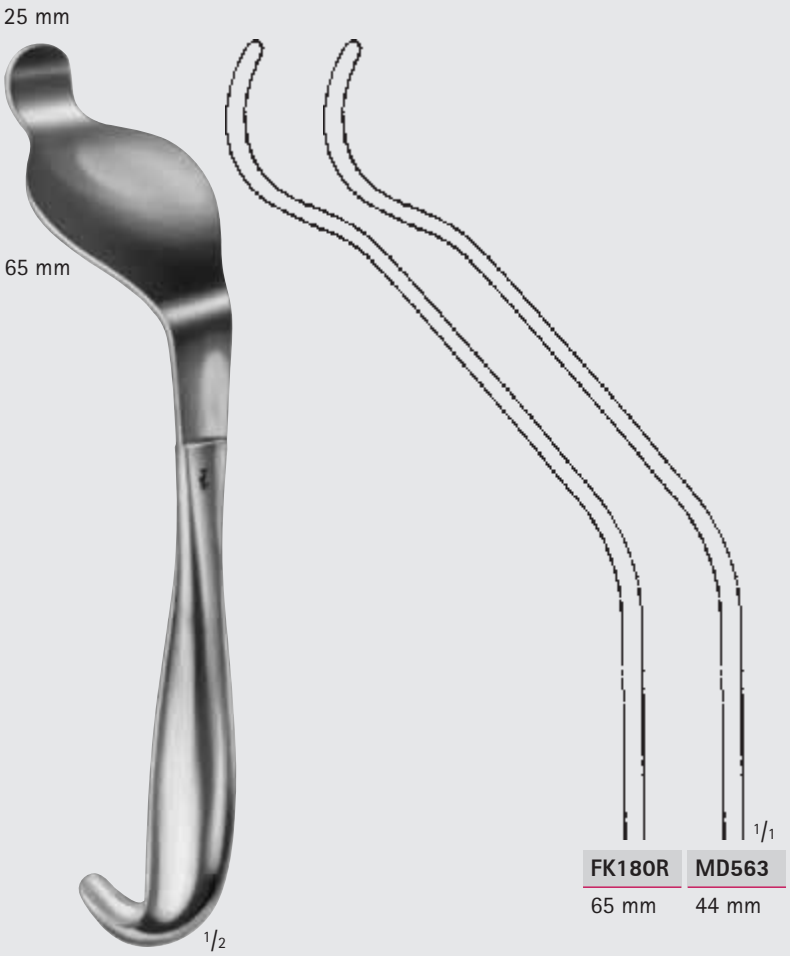


TÄGER

FK158R

Knochenhebel für Fußgelenkoperationen
Bone lever for angle joint operations

175 mm, 7"



FK180R	MD563
65 mm	44 mm

BENNETT

FK180R-MD563

235 mm, 9 1/4"

MURPHY-LANE

FK193R

Luxationshebel

Luxation lever

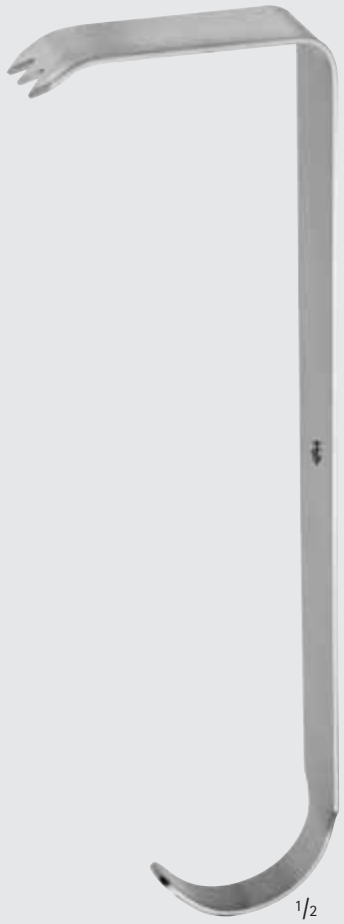
330 mm, 13 1/8"

Knochenhebel, Raspatorien, Scharfe Löffel – Bone Levers, Elevators, Bone Curettes

Retraktoren
Retractors

TAYLOR

	Blattgröße: Blade size:		
BT501R	30 x 70 mm	185 mm	7 1/4"
BT502R	30 x 100 mm	200 mm	8"



BT503R
25 x 75 mm

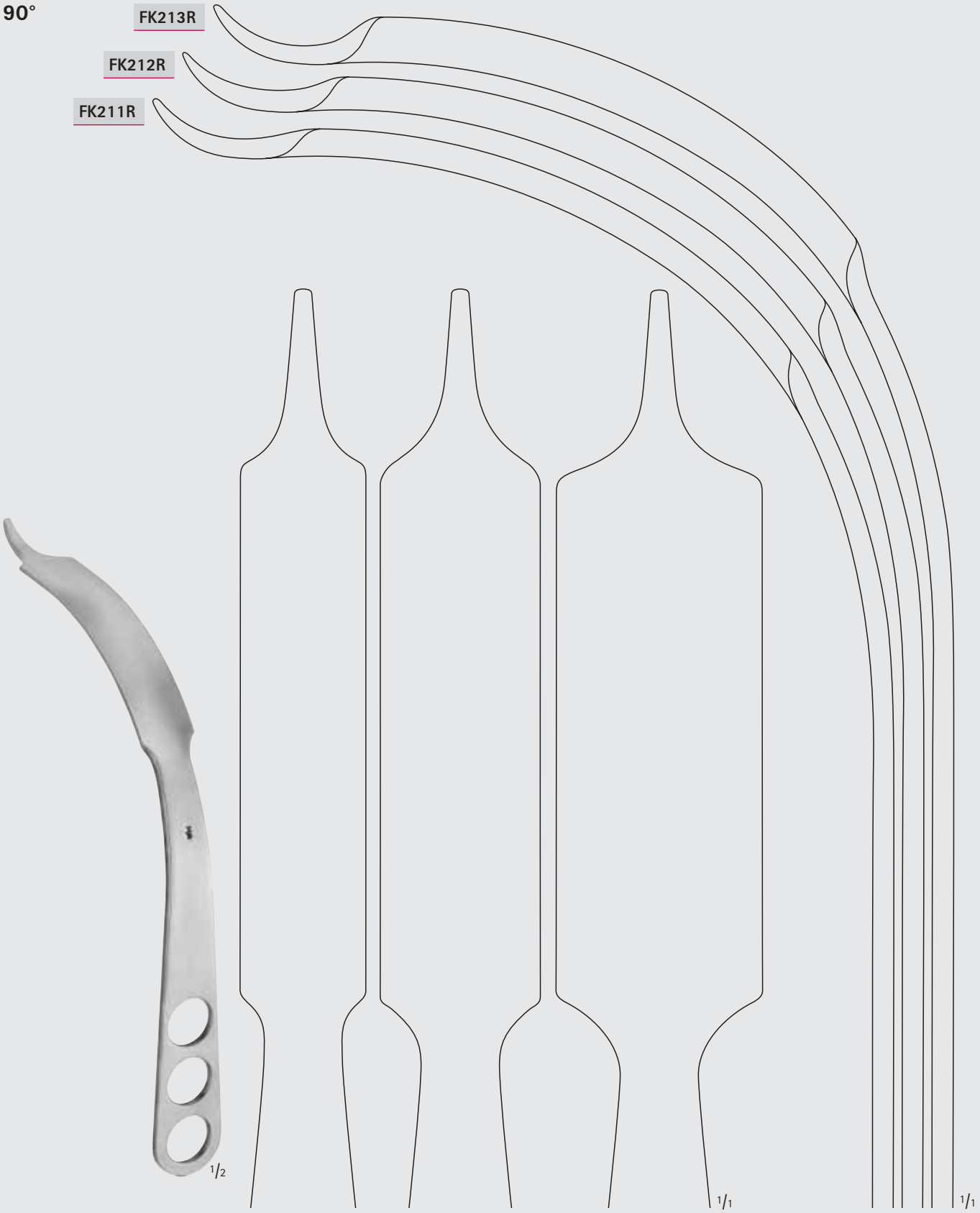
BT504R
20 x 50 mm

BT505R
13 x 25 mm

HIBBS

BT503R–BT505R
235 mm, 9 1/8"

90°



FK211R–FK213R	FK211R	FK212R	FK213R
scharfe Spitze sharp tip 240 mm, 9 1/2"	22 mm	28 mm	40 mm

Knochenhebel, Raspatorien, Scharfe Löffel – Bone Levers, Elevators, Bone Curettes

MIOS Retraktoren
MIOS Retractors

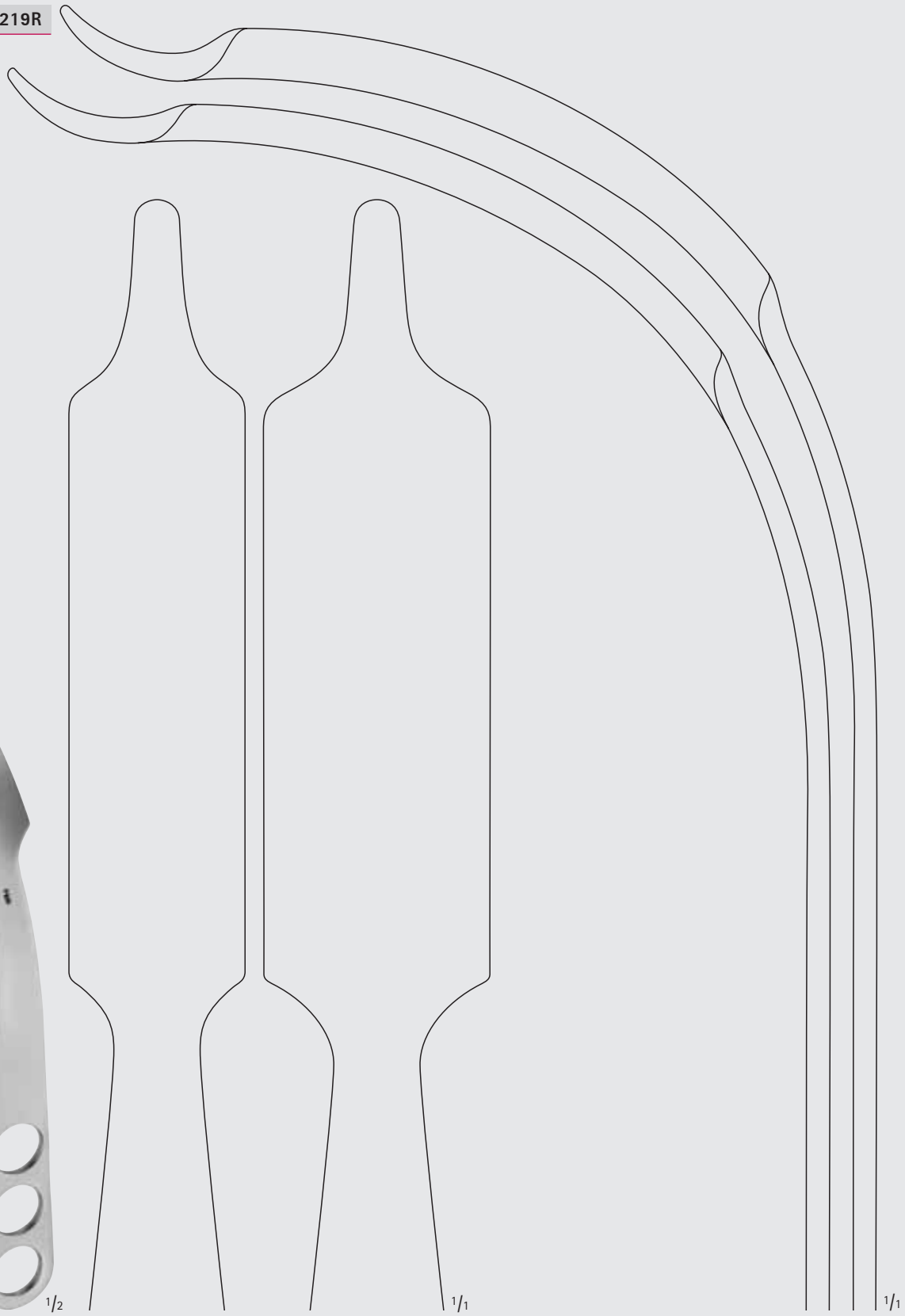
90°

FK219R

FK218R

1/2

1/1



1/1

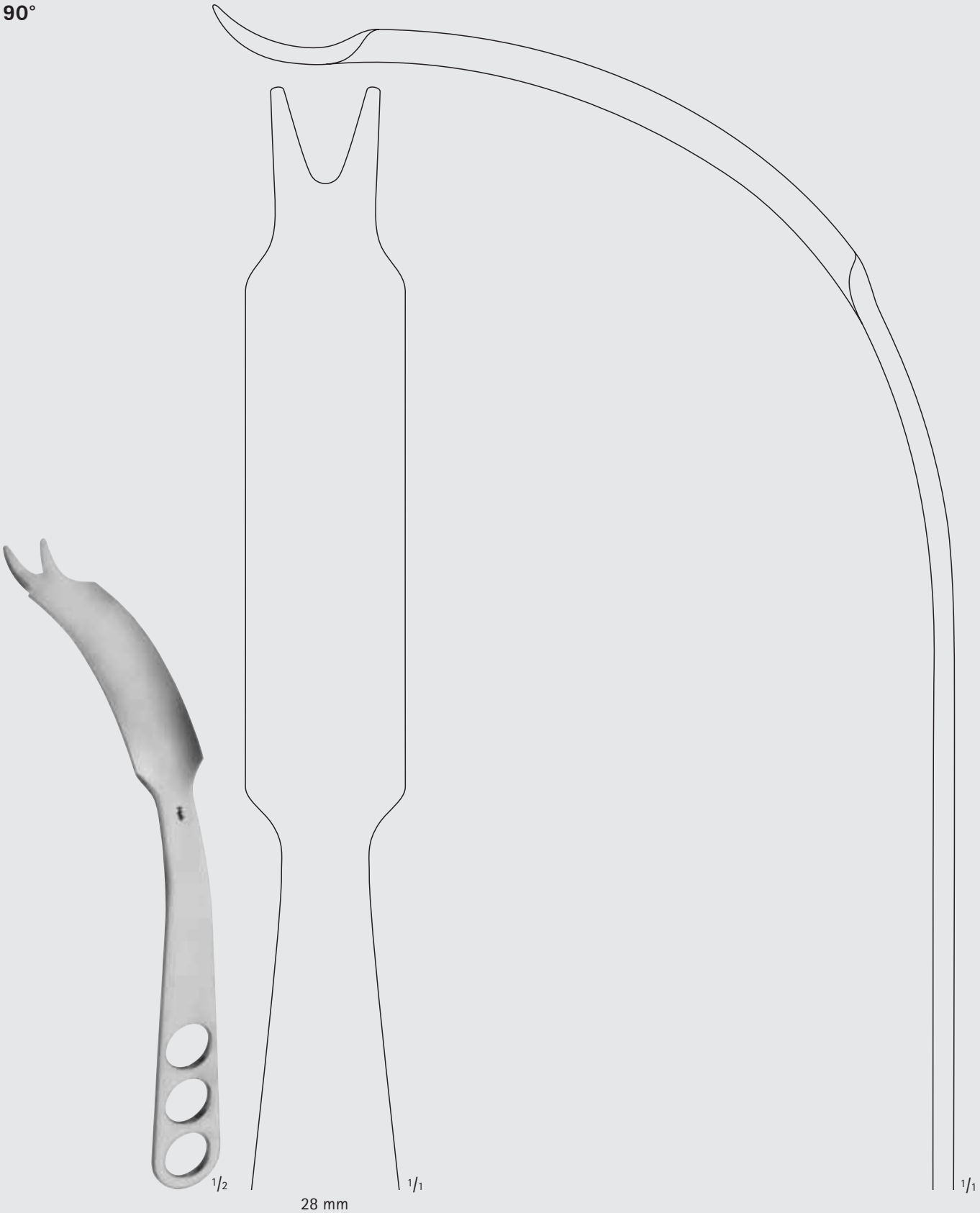
FK218R
28 mm

FK219R
40 mm

FK218R–FK219R
stumpfe Spitze
blunt tip
240 mm, 9 1/2"

INCHES

90°



FK224R

V-Spitze
V-tip
240 mm, 9 1/2"

Knochenhebel, Raspatorien, Scharfe Löffel – Bone Levers, Elevators, Bone Curettes

MIOS Retraktoren
MIOS Retractors

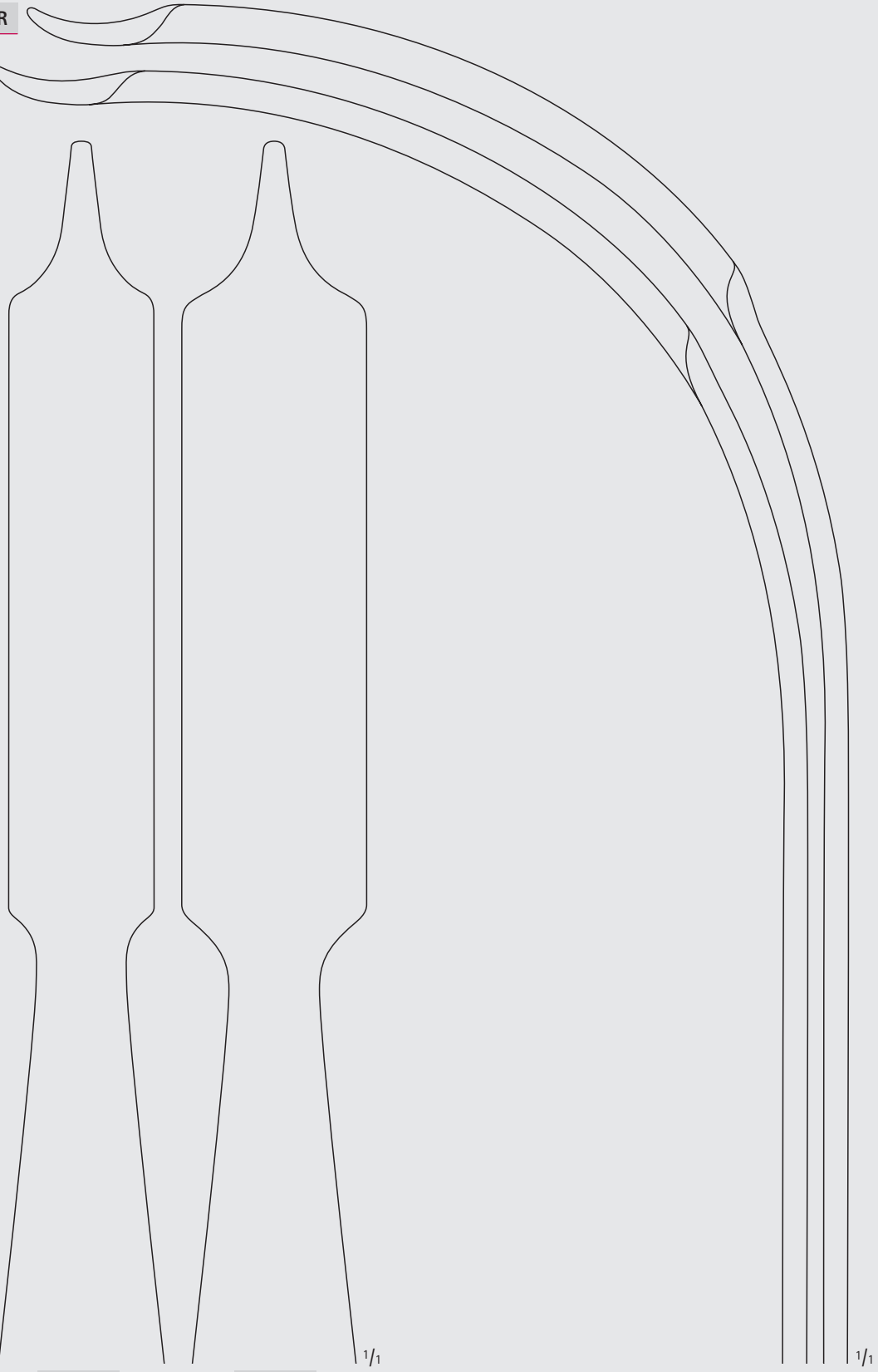
90°

FK214R

FK215R

1/2

1/1



1/1

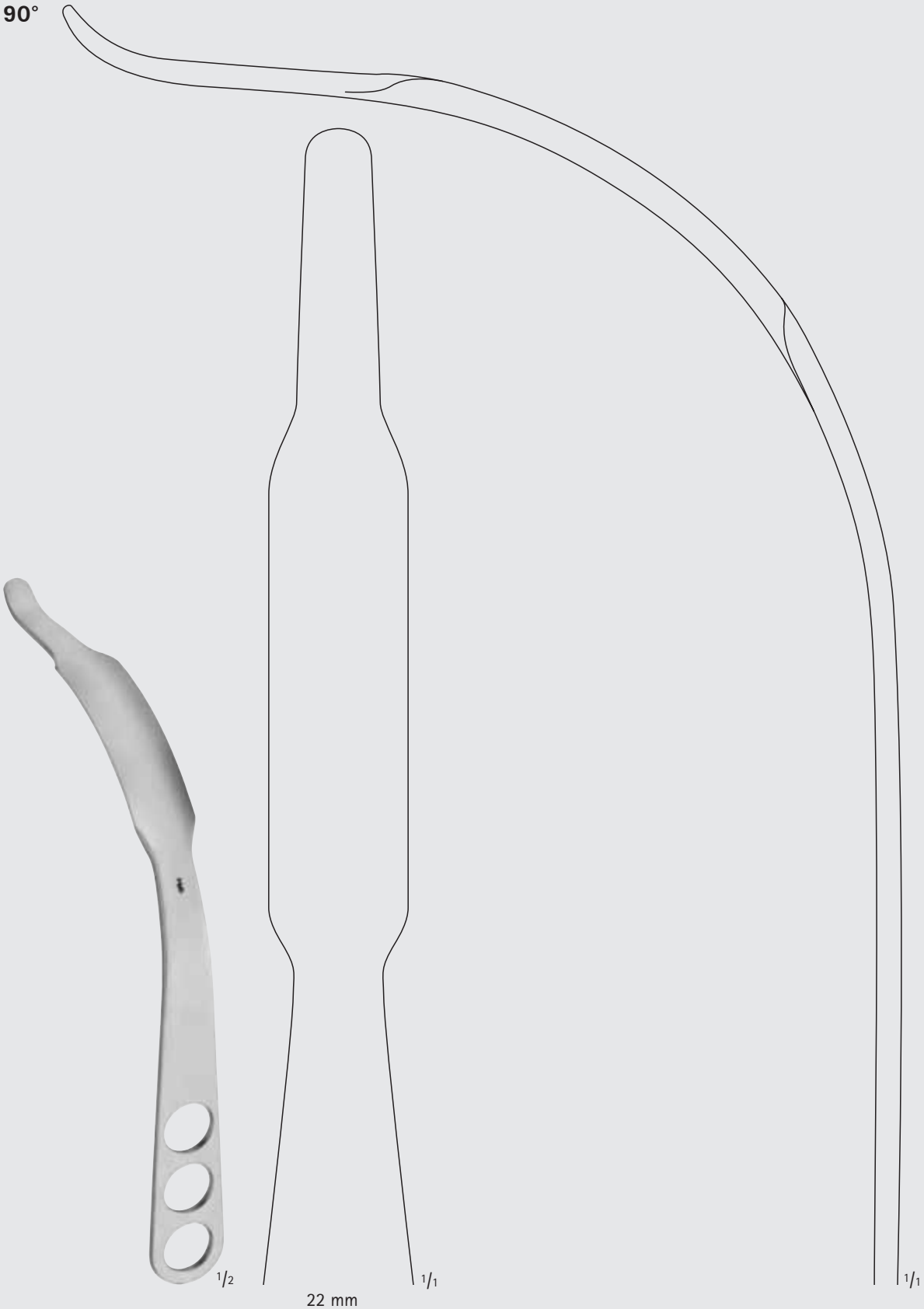
FK214R
22 mm

FK215R
28 mm

FK214R-FK215R
kurze Spitze
short tip
240 mm, 9 1/2"

INCHES

90°



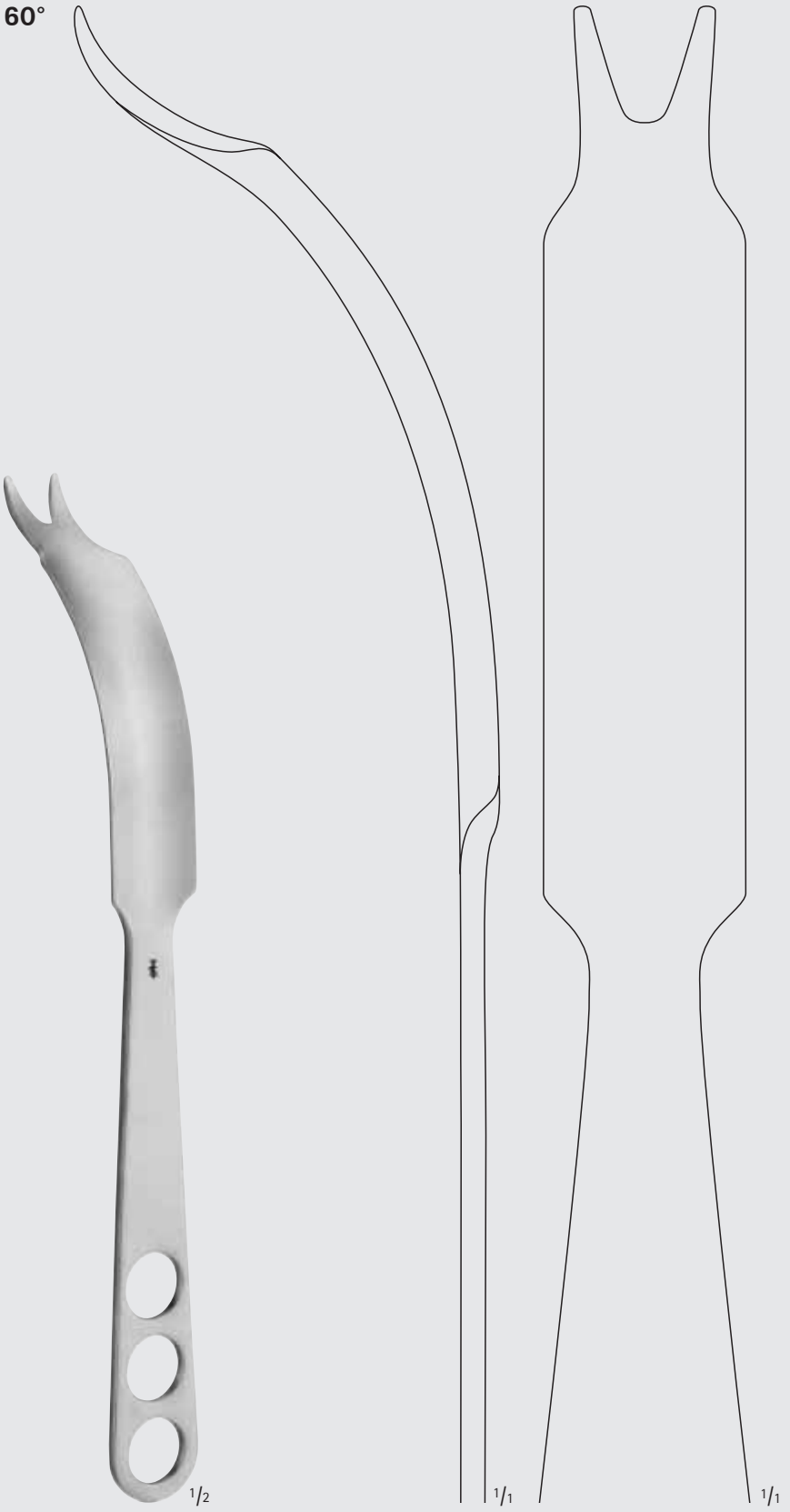
FK239R

Schenkelhals-Spitze
femoral neck tip
240 mm, 9 1/2"

Knochenhebel, Raspatorien, Scharfe Löffel – Bone Levers, Elevators, Bone Curettes

MIOS Retraktoren
MIOS Retractors

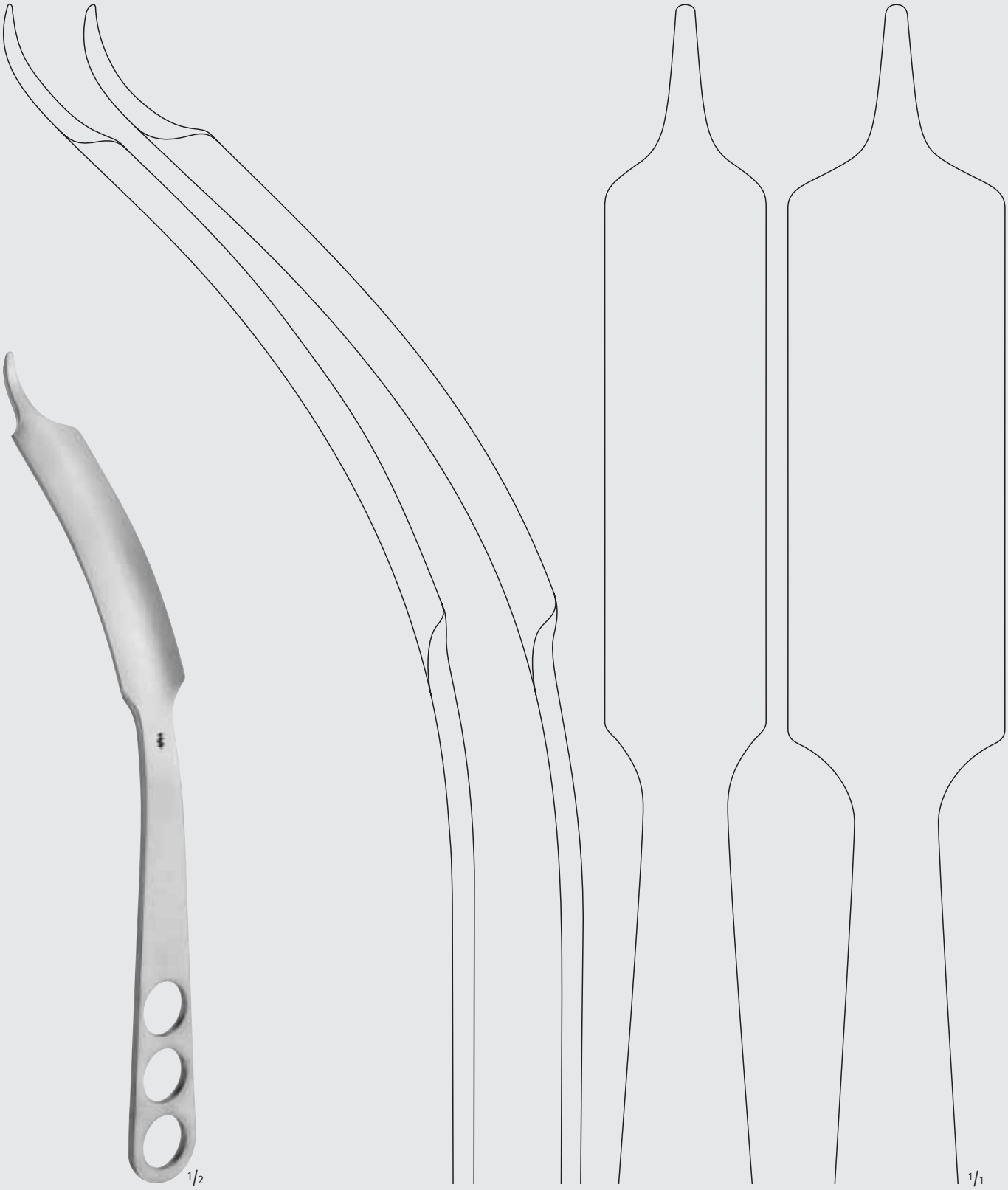
60°



FK223R

V-Spitze
V-tip
300 mm, 12"

45°



FK243R-FK245R
scharfe Spitze
sharp tip
300 mm, 12"

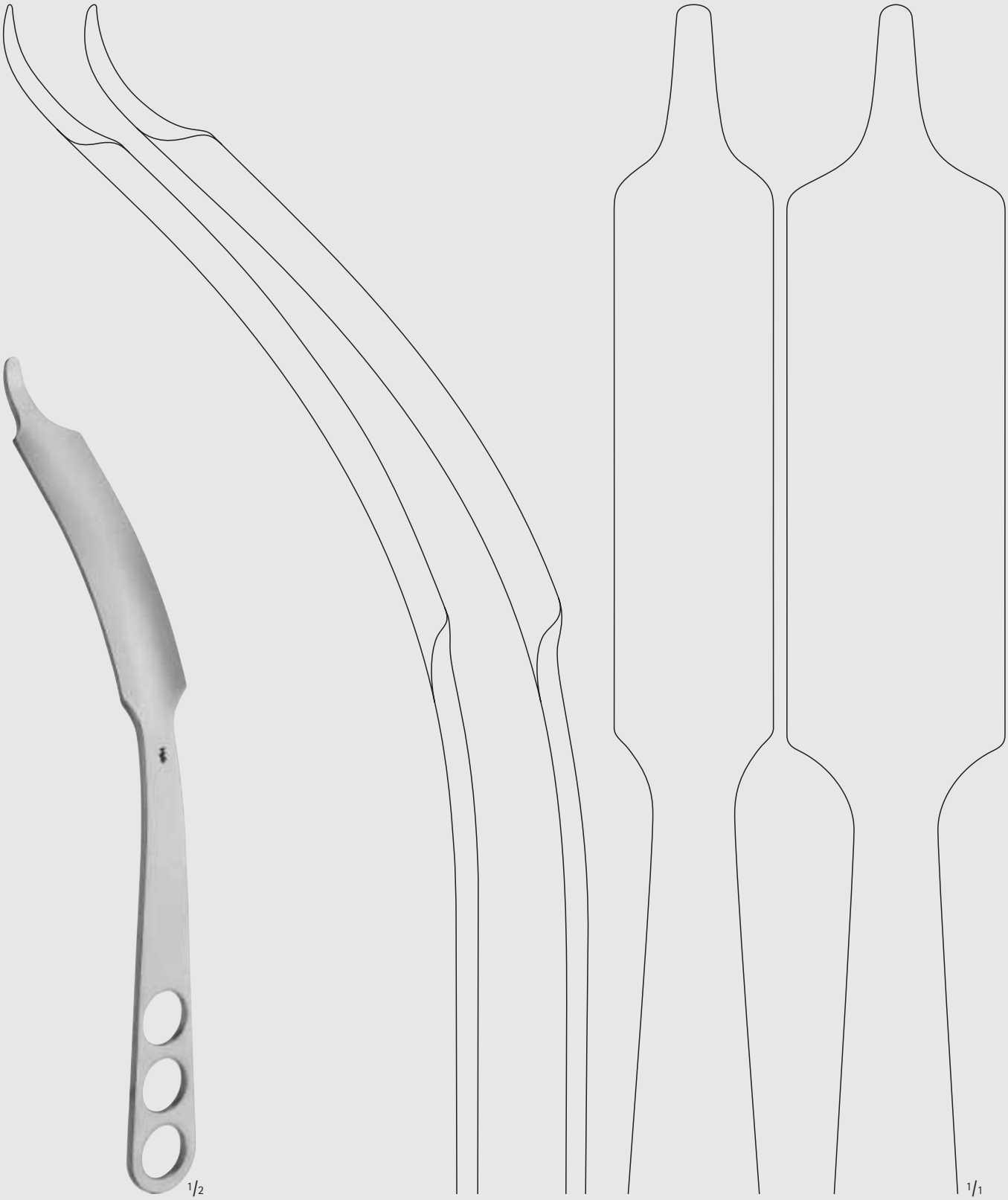
FK243R
28 mm

FK245R
40 mm

Knochenhebel, Raspatorien, Scharfe Löffel – Bone Levers, Elevators, Bone Curettes

MIOS Retraktoren
MIOS Retractors

45°

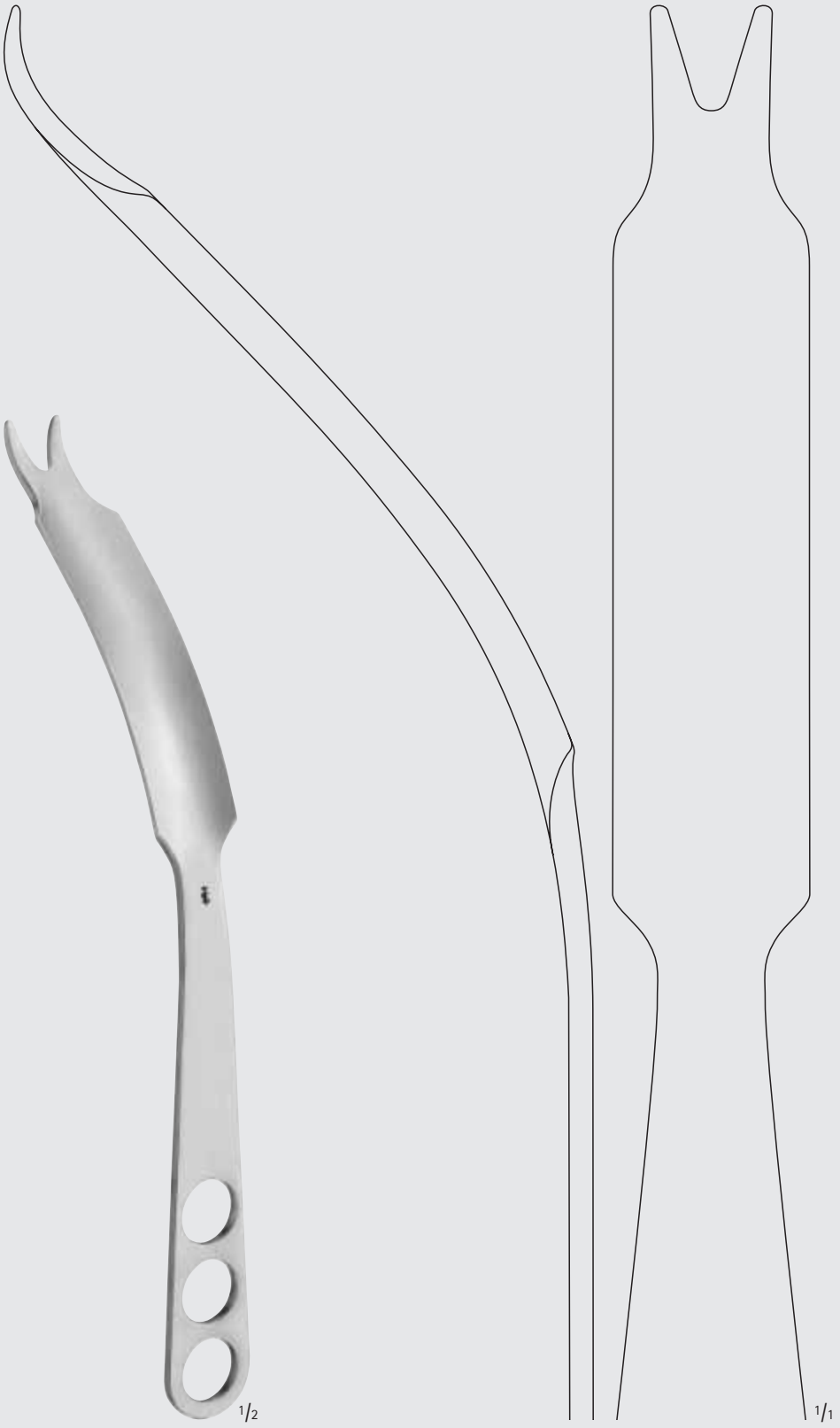


FK244R-FK246R
stumpfe Spitze
blunt tip
300 mm, 12"

FK244R
28 mm

FK246R
40 mm

45°



FK222R

V-Spitze

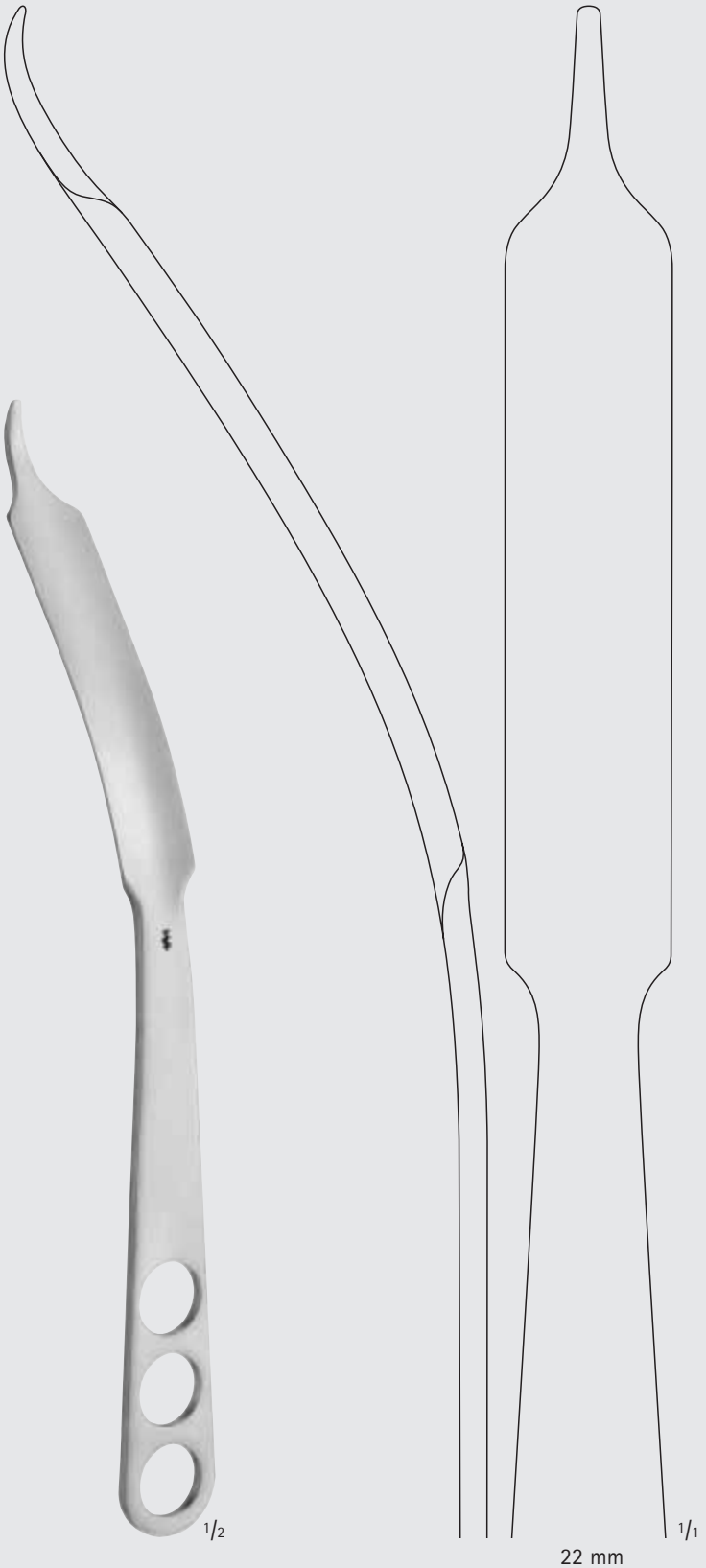
V-tip

300 mm, 12"

Knochenhebel, Raspatorien, Scharfe Löffel – Bone Levers, Elevators, Bone Curettes

MIOS Retraktoren
MIOS Retractors

30°



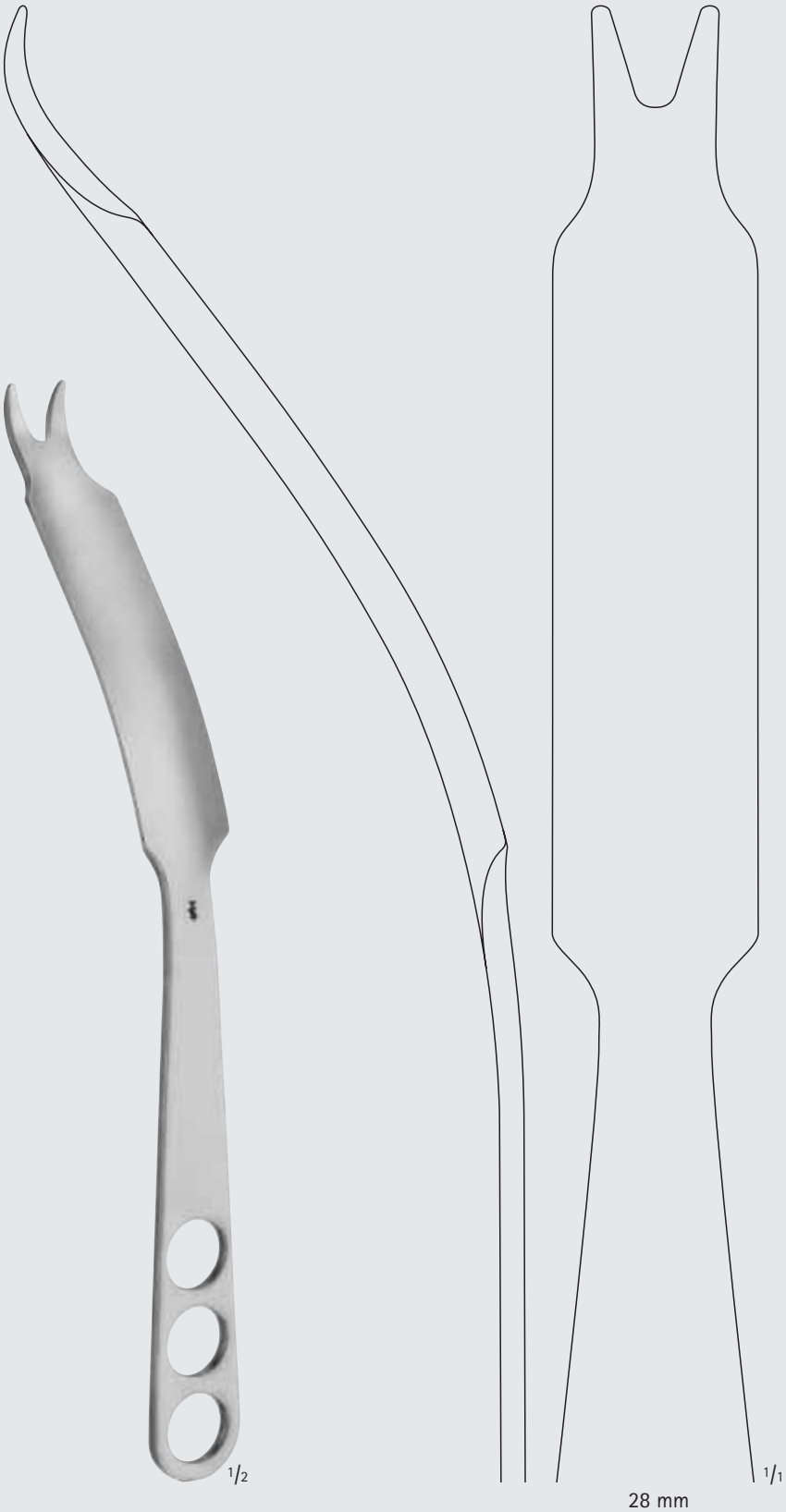
FK241R

scharfe Spitze

sharp tip

315 mm, 12 1/2"

30°



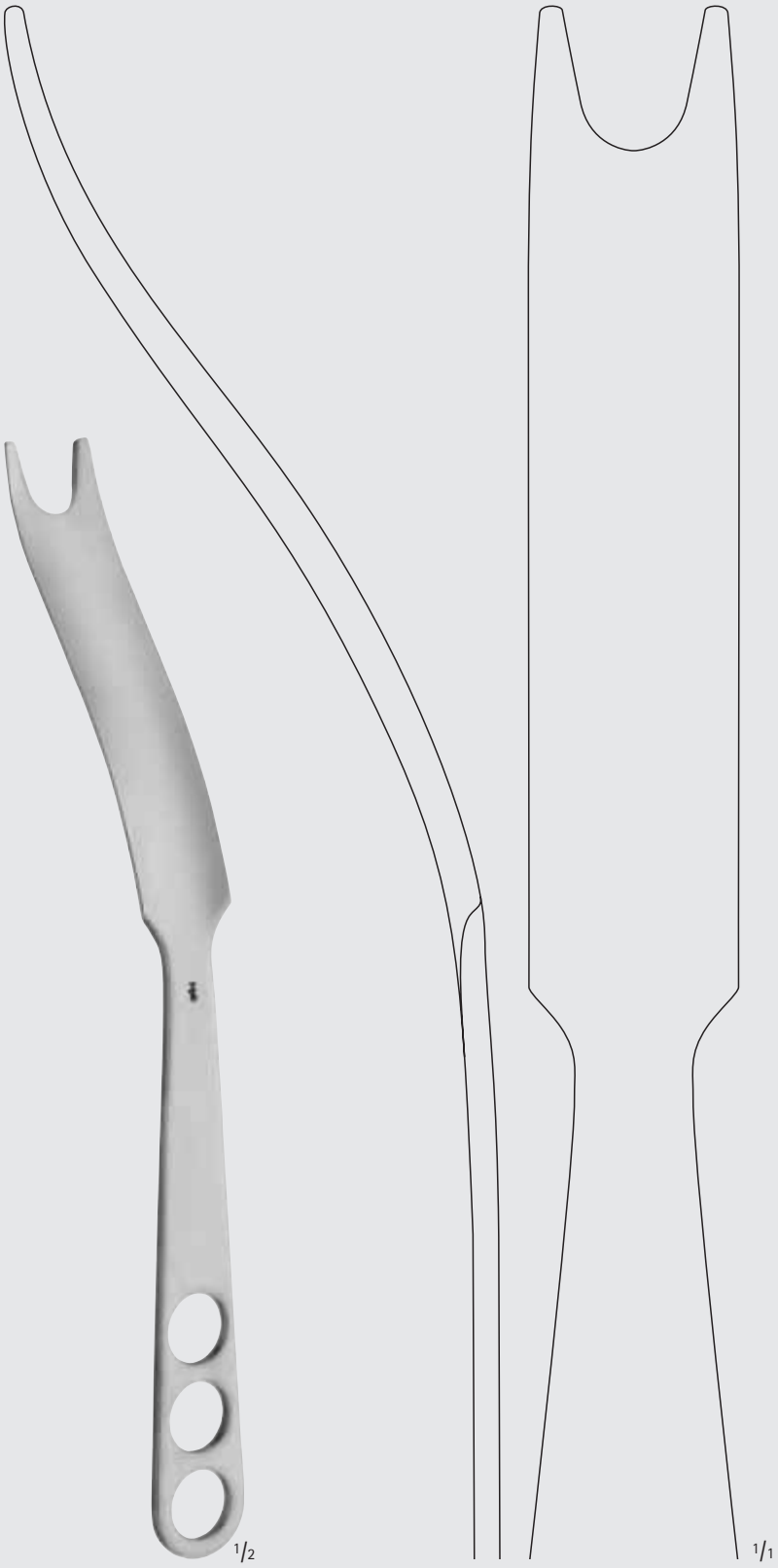
FK221R

V-Spitze

V-tip

315 mm, 12 1/2"

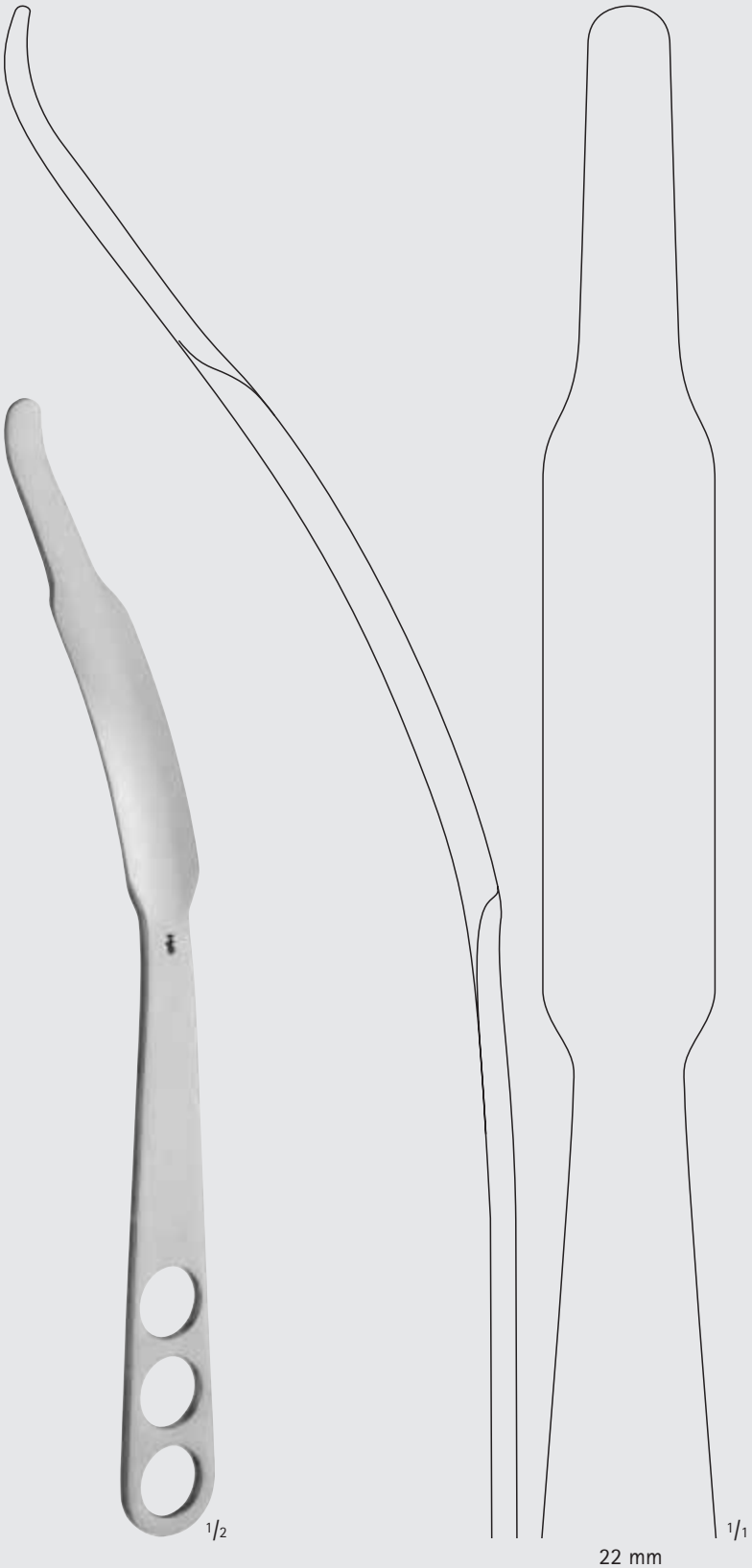
30°



FK231R

U-Spitze
U-tip
315 mm, 12 1/2"

30°



FK238R
Schenkelhals-Spitze
femoral neck tip
315 mm, 12 1/2"

Farbige MIOS Standardgriffe
Die farbigen Griffe können zur intraoperativen Zuordnung der MIOS Instrumente verwendet werden.
Colored MIOS standard hand grips
The colored hand grips can be used for the intra-operative allocation of the MIOS instruments.

FK251
MIOS Standardgriff
MIOS standard hand grip

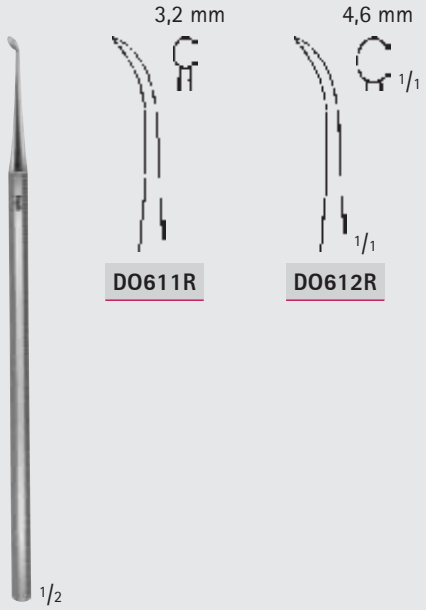
FK252
MIOS Standardgriff
MIOS standard hand grip

FK253
MIOS Standardgriff
MIOS standard hand grip

FK254
MIOS Standardgriff
MIOS standard hand grip

Knochenhebel, Raspatorien, Scharfe Löffel – Bone Levers, Elevators, Bone Curettes

Raspatorien
Raspatories

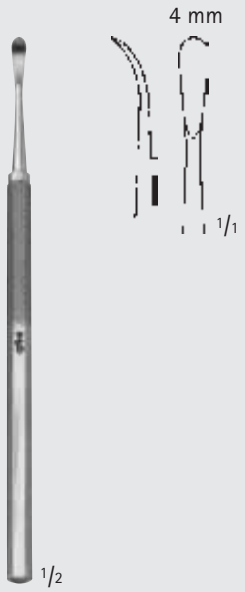


DO611R **DO612R**

PARTSCH

DO611R–DO612R

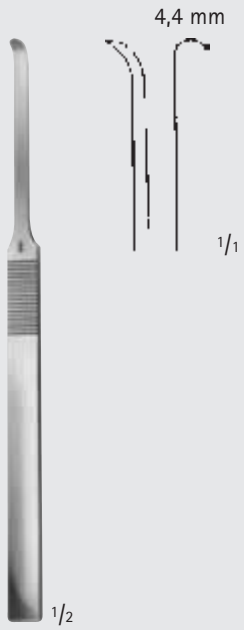
150 mm, 6"



PARTSCH MOD. LANGE

DO642R

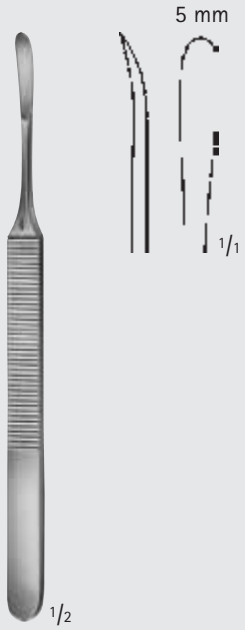
145 mm, 5 3/4"



MC KENTY

OL192R

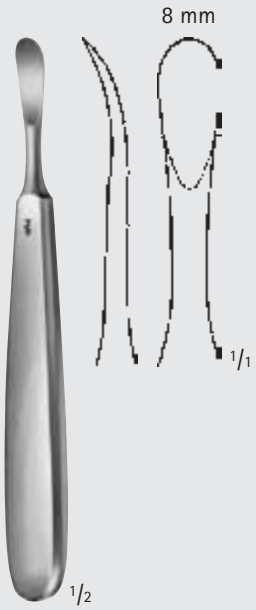
115 mm, 6"



KÖNIG

OM309R

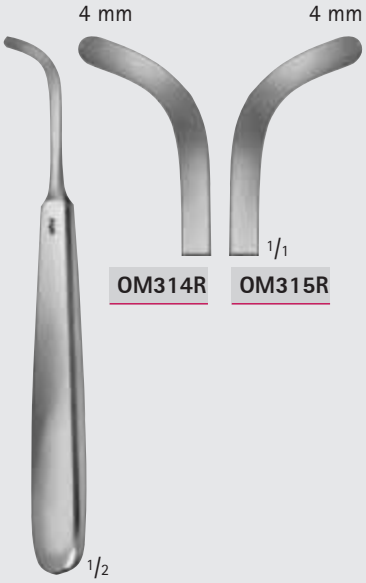
155 mm, 6"



TRELAT

OM311R

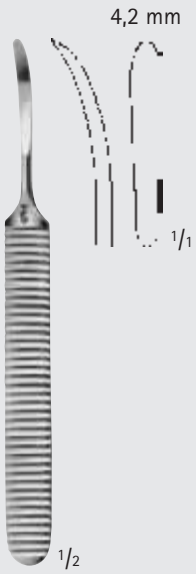
150 mm, 6"



OM314R **OM315R**

OM314R–OM315R

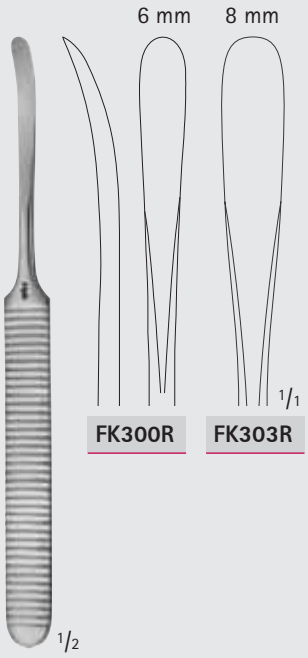
140 mm, 5 1/2"



WILLIGER

DO510R

140 mm, 5 1/2"

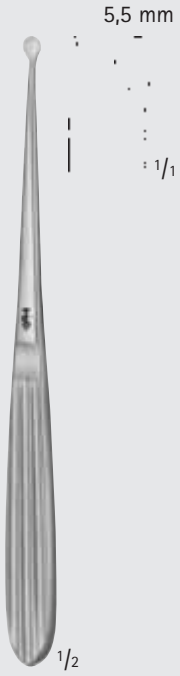


FK300R **FK303R**

WILLIGER

FK300R–FK303R

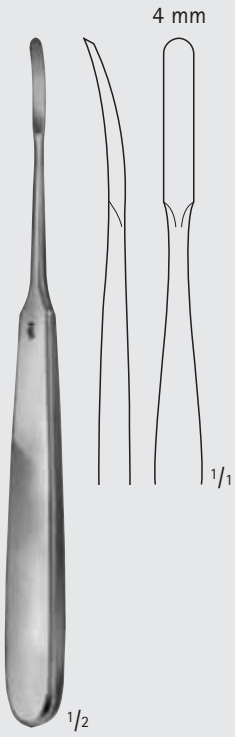
160 mm, 6 1/4"



WARD

DO546R

170 mm, 6 3/4"



JOSEPH

FK310R

180 mm, 7"

Knochenhebel, Raspatorien, Scharfe Löffel – Bone Levers, Elevators, Bone Curettes

Raspatorien
Raspatories

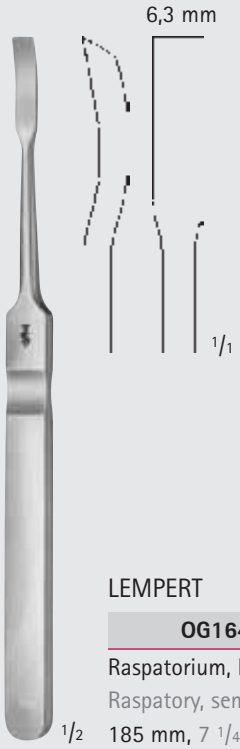
LEMPERT

OG165R

Raspatorium, stumpf

Raspatory, blunt

165 mm, 6 1/2"



LEMPERT

OG164R

Raspatorium, halbscharf

Raspatory, semi-sharp

185 mm, 7 1/4"

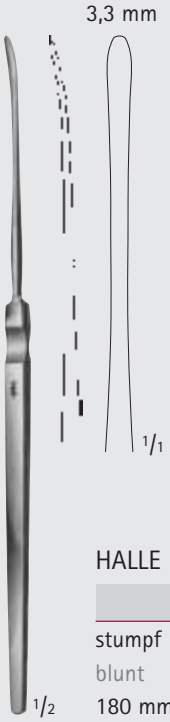
ALLEN

FF346R

Osteophytenmeißel und Schaber

Osteophyte chisel and scraper

230 mm, 9"



HALLE

OL160R

stumpf
blunt
180 mm, 7"

FREER

OL163R

stumpf
blunt
190 mm, 7 1/2"

FREER

OL162R

scharf
sharp
190 mm, 7 1/2"

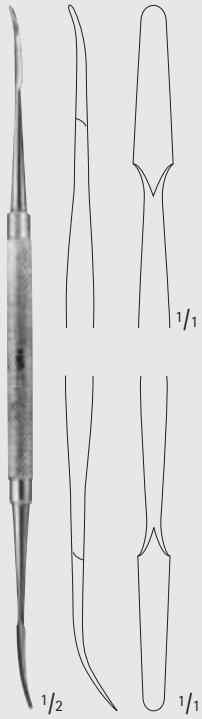
SEWALL

OL198R

stumpf
blunt
200 mm, 8"

Knochenhebel, Raspatorien, Scharfe Löffel – Bone Levers, Elevators, Bone Curettes

Raspatorien
Raspatories



KILLIAN

OL170R

scharf/stumpf

sharp/blunt

185 mm, 7 1/4"

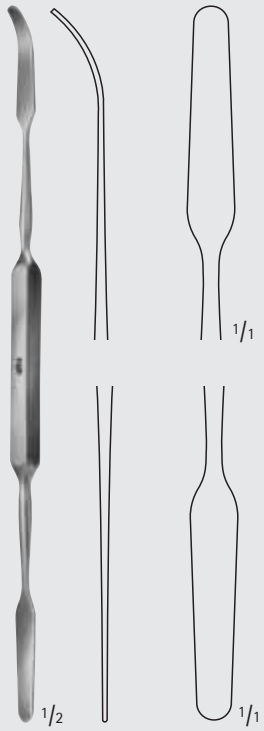
HOWARTH

OL171R

scharf/stumpf

sharp/blunt

215 mm, 8 1/2"



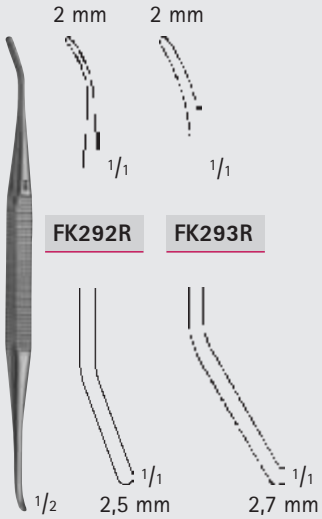
MAC DONALD

FK291R

stumpf/stumpf

blunt/blunt

190 mm, 7 1/2"



WATSON-CHEYNE

FK292R	130 mm	5 1/8"
FK293R	190 mm	7 1/2"

FREER

OL164R

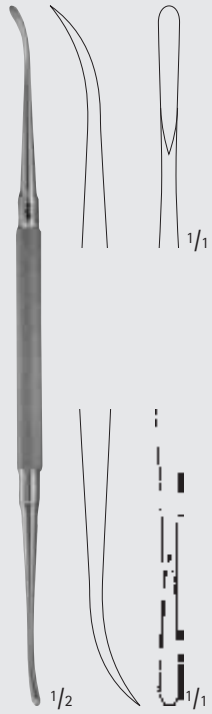
180 mm, 7"

INCHES

FREER

OL165R

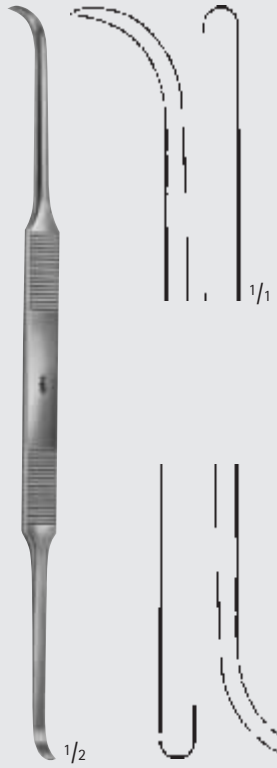
scharf/stumpf
sharp/blunt
185 mm, 7 1/4"



FREER-YASARGIL

OL166R

scharf/scharf
sharp/sharp
185 mm, 7 1/4"



COTTLE

OL155R

scharf/scharf
sharp/sharp
200 mm, 8"

stumpf
4 mm
blunt

halbscharf
5 mm
semi-sharp

HILL

OL179R

halbscharf/stumpf
semi-sharp/blunt
220 mm, 8 3/4"

Knochenhebel, Raspatorien, Scharfe Löffel – Bone Levers, Elevators, Bone Curettes

Raspatorien
Raspatories

MEAD

DO520R

scharf/scharf
sharp/sharp
165 mm, 6 1/4"

MOLT

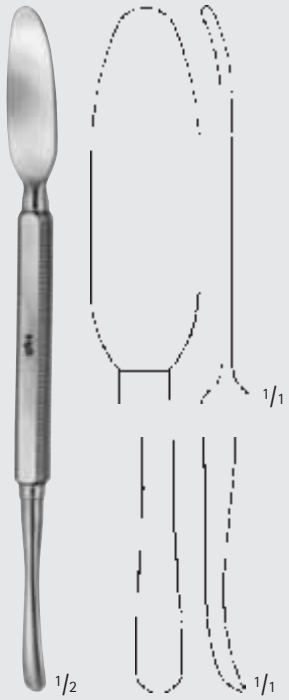
DO543R

scharf/scharf
sharp/sharp
180 mm, 7"

SYME

DO547R

scharf
sharp
185 mm, 7 1/4"



ROBERTS

DO548R

stumpf
blunt
185 mm, 7 1/4"

SELDIN

DO552R

195 mm, 7 3/4"

SELDIN

DO553R

195 mm, 7 3/4"

FK530R
4 mm

FK532R
7 mm

FK534R
9 mm

FK541R
3 mm

FK542R
6 mm

FK543R
6 mm

FK552R
8 mm

1/1

FK562R
6 mm
90°

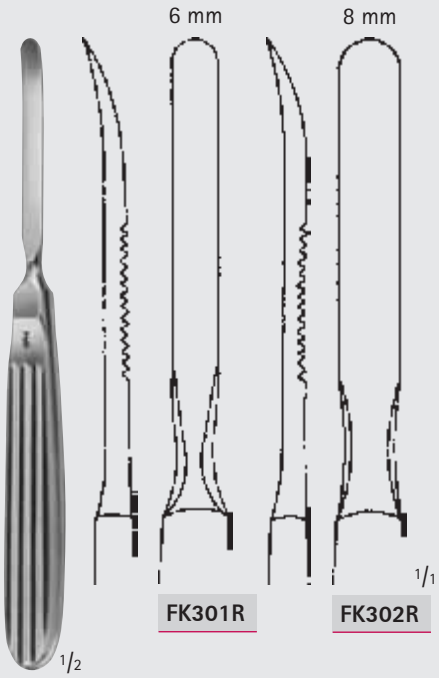
1/2

MANNERFELT, MODIF.

FK530R–FK562R
155 mm, 6"

Knochenhebel, Raspatorien, Scharfe Löffel – Bone Levers, Elevators, Bone Curettes

Raspatorien
Raspatories

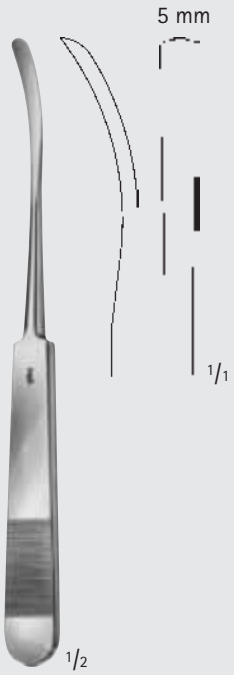


FK301R

FK302R

FK301R–FK302R

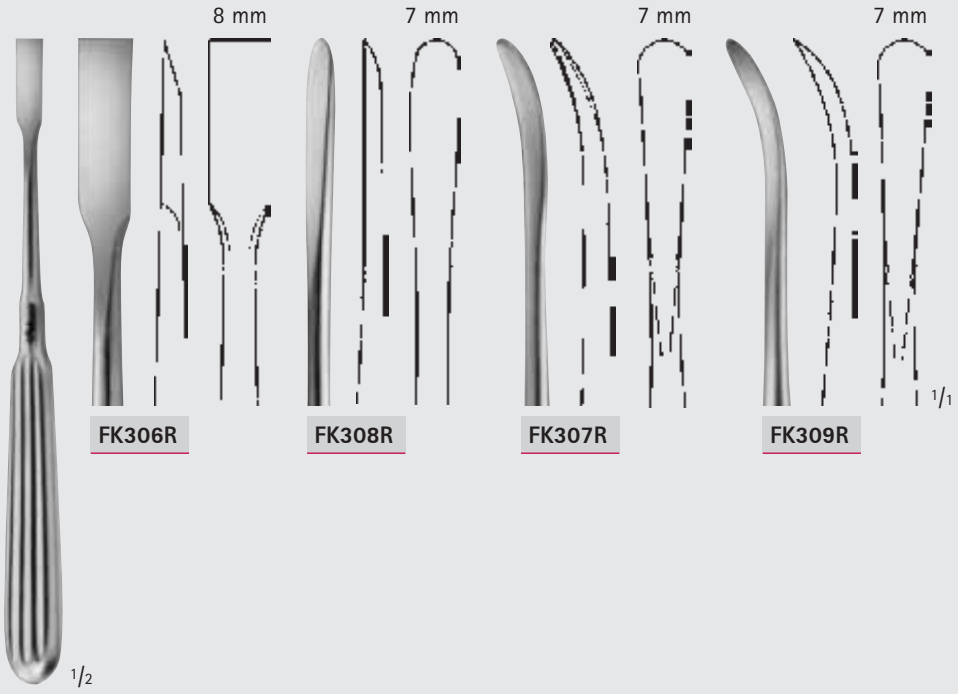
165 mm, 6 1/2"



ADSON

FK299R

165 mm, 6 1/2"



FK306R

FK308R

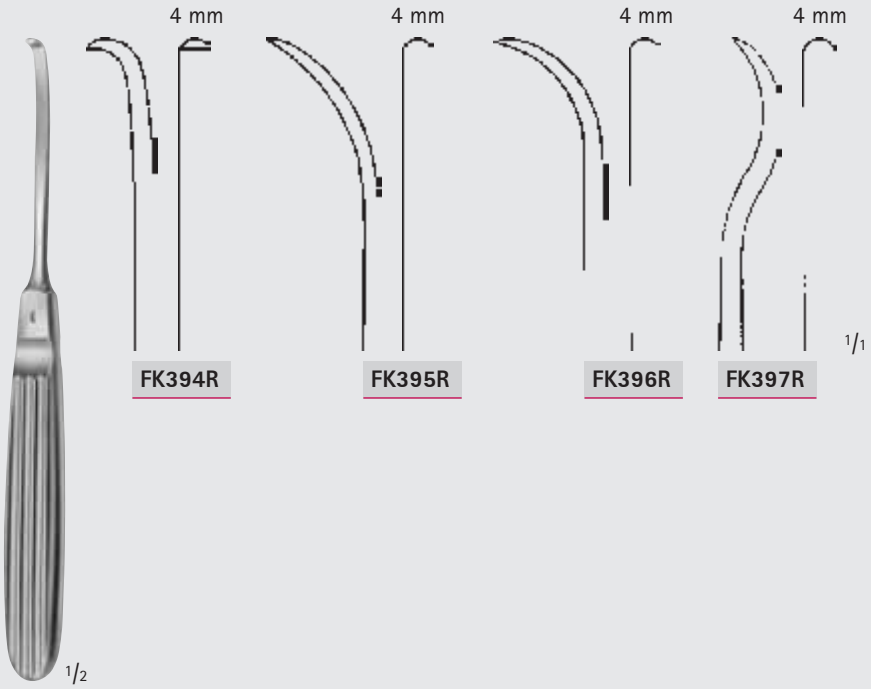
FK307R

FK309R

ADSON

FK306R–FK309R

170 mm, 6 3/4"

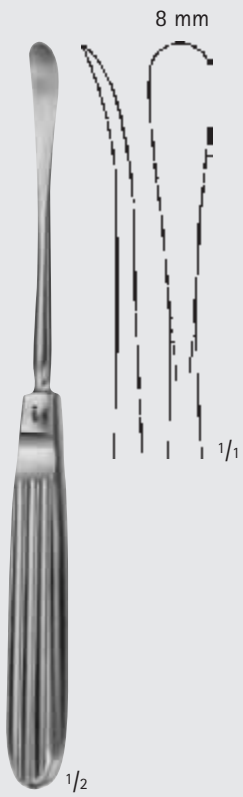


FK394R | FK395R | FK396R | FK397R

MÜHLING

FK394R–FK397R

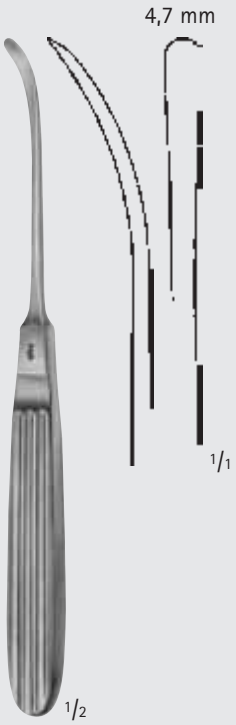
170 mm, 6 3/4"



COTTLE

OL157R

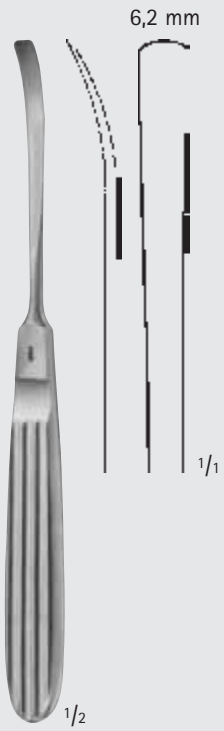
195 mm, 7 3/4"



LANDOLT

FK314R

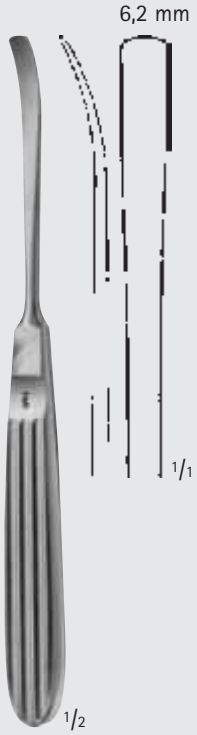
175 mm, 7"



CASPAR

FK328R

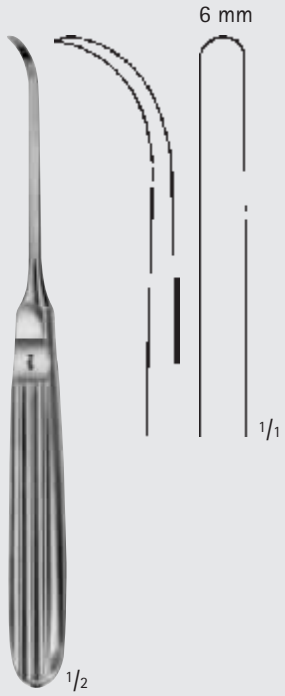
180 mm, 7"



CASPAR

FK329R

180 mm, 7"



DO523R

170 mm, 6 3/4"

Knochenhebel, Raspatorien, Scharfe Löffel – Bone Levers, Elevators, Bone Curettes

Raspatorien mit PEEK-Griff
Raspatories with PEEK-Handle

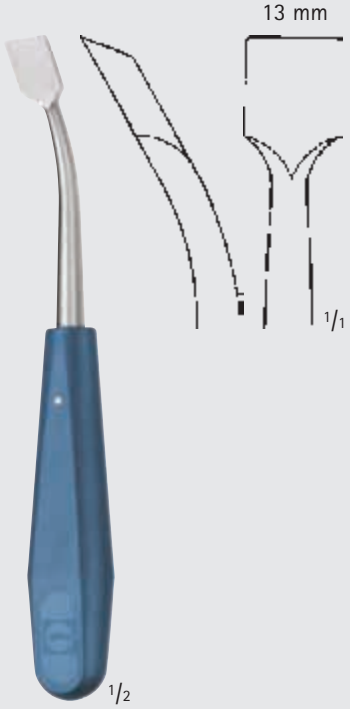
Dampfsterilisierbar bis 143°C (3 bar)
Can be sterilized in a steam sterilizer up to 143°C (3 bar)

FK318R
190 mm, 7 1/2"

FK317R
185 mm, 7 1/4"

FK319R
190 mm, 7 1/2"

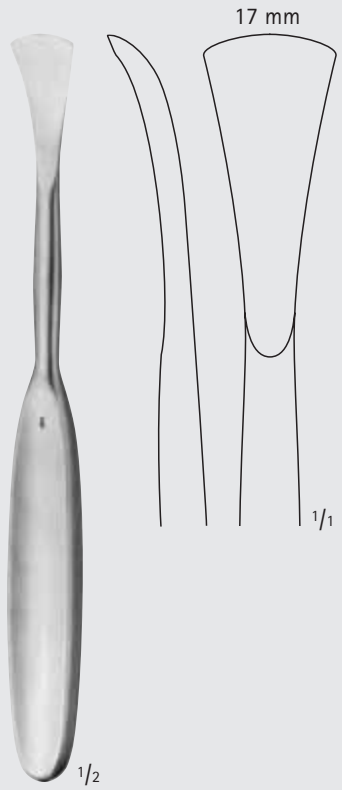
FK321R
190 mm, 7 1/2"



FK323R
175 mm, 7"

FK324R
190 mm, 7 1/2"

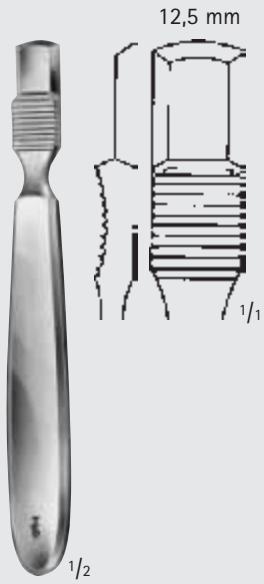
FK325R
180 mm, 7"



LANGENBECK

MB279R

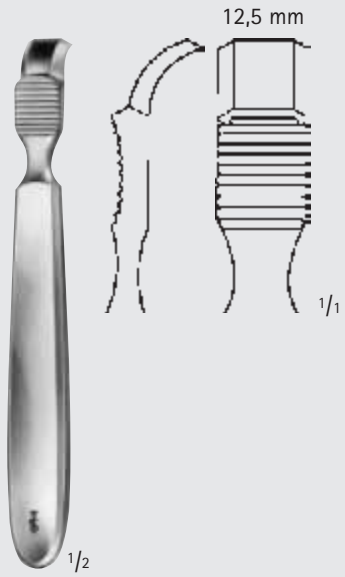
190 mm, 7 1/2"



FARABEUF

FK340R

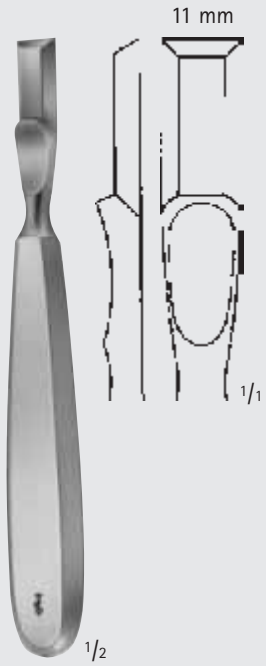
140 mm, 5 1/2"



FARABEUF

FK341R

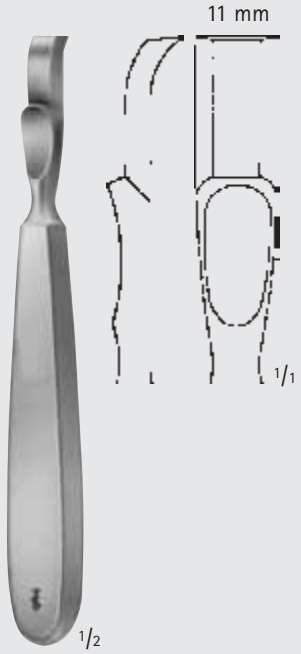
140 mm, 5 1/2"



FARABEUF-COLLIN

FK344R

160 mm, 6 1/4"



FARABEUF-COLLIN

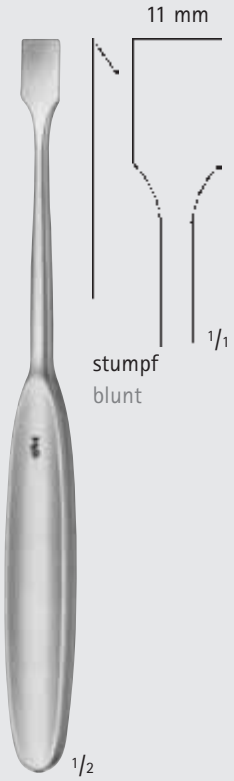
FK345R

160 mm, 6 1/4"

SEDILLOT

FK350R

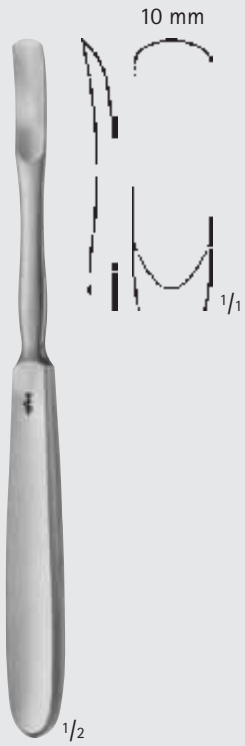
185 mm, 7 1/4"



MC KISSOCK

FK379R

195 mm, 7 3/4"



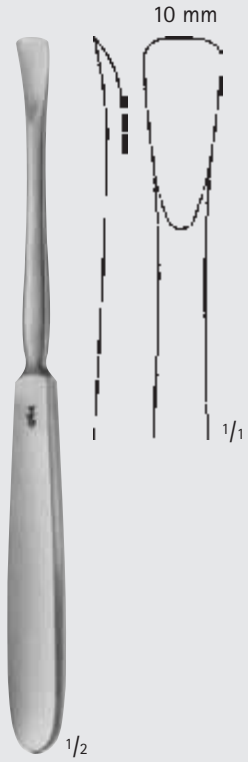
KRÄMER

FK390R

185 mm, 7 1/4"

Knochenhebel, Raspatorien, Scharfe Löffel – Bone Levers, Elevators, Bone Curettes

Raspatorien
Raspatories



KRÄMER

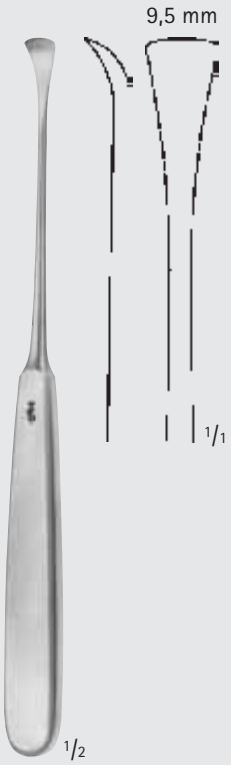
FK391R

190 mm, 7 1/2"

PENNYBAKER

FK378R

165 mm, 6 1/2"



BÜCHS

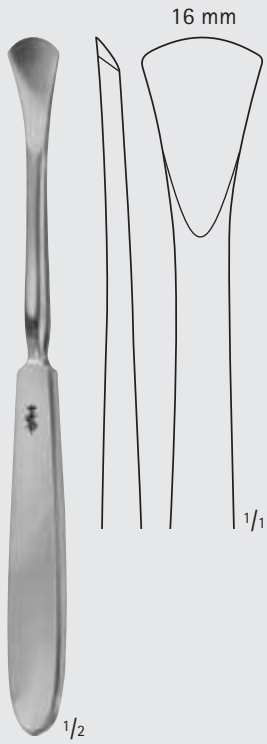
DO518R

190 mm, 7 1/2"

JANSEN

FK362R

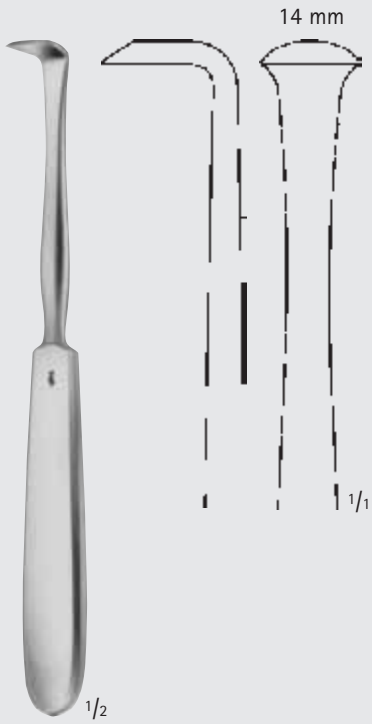
165 mm, 6 1/2"



LANGENBECK

FK360R

190 mm, 7 1/2"



LANGENBECK

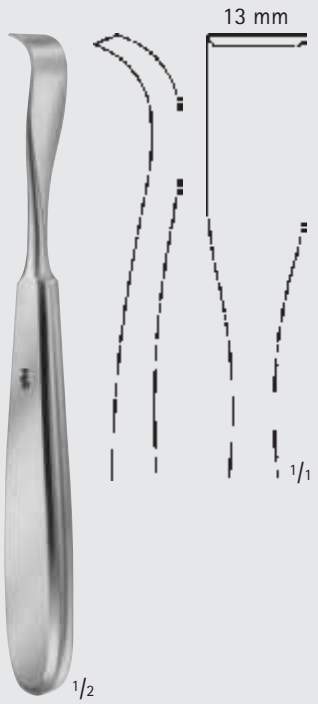
FK361R

180 mm, 7"

KEY

FK410R–FK414R

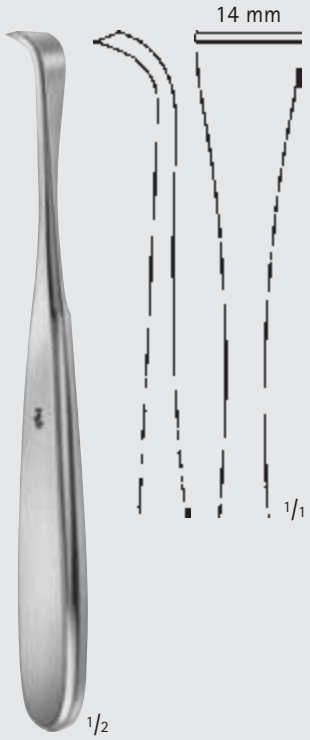
	Breite / Width	Länge / Length	
FK410R	6 mm	180 mm	7"
FK411R	10 mm	190 mm	7 1/2"
FK412R	13 mm	190 mm	7 1/2"
FK413R	19 mm	200 mm	8"
FK414R	25 mm	210 mm	8 1/4"



SCHNEIDER

FK365R

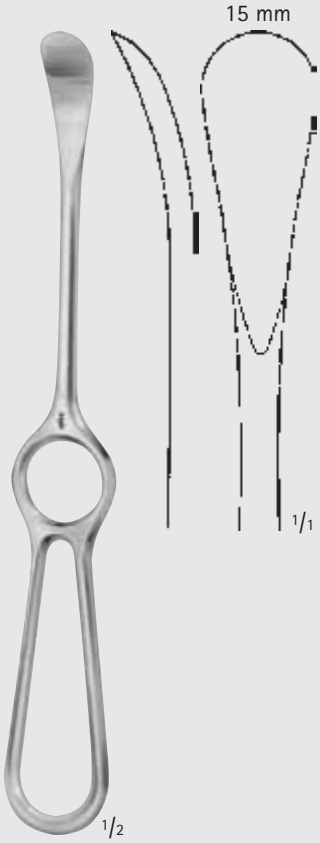
175 mm, 7"



SCHNEIDER-SAUERBRUCH

FK366R

190 mm, 7 1/2"



SEDILLOT

FK351R

215 mm, 8 1/2"

LAMBOTTE

FK355R–FK359R

215 mm, 8 1/2"

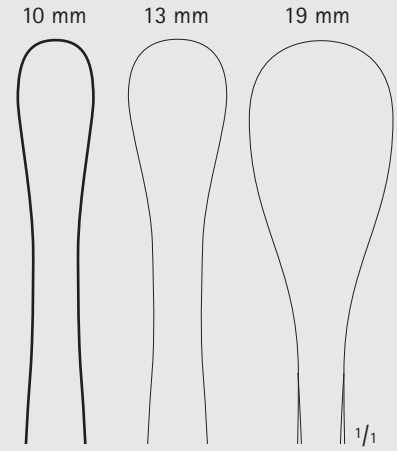
FK355R	5 mm
FK356R	10 mm
FK357R	15 mm
FK358R	20 mm
FK359R	25 mm

MITCHELLS

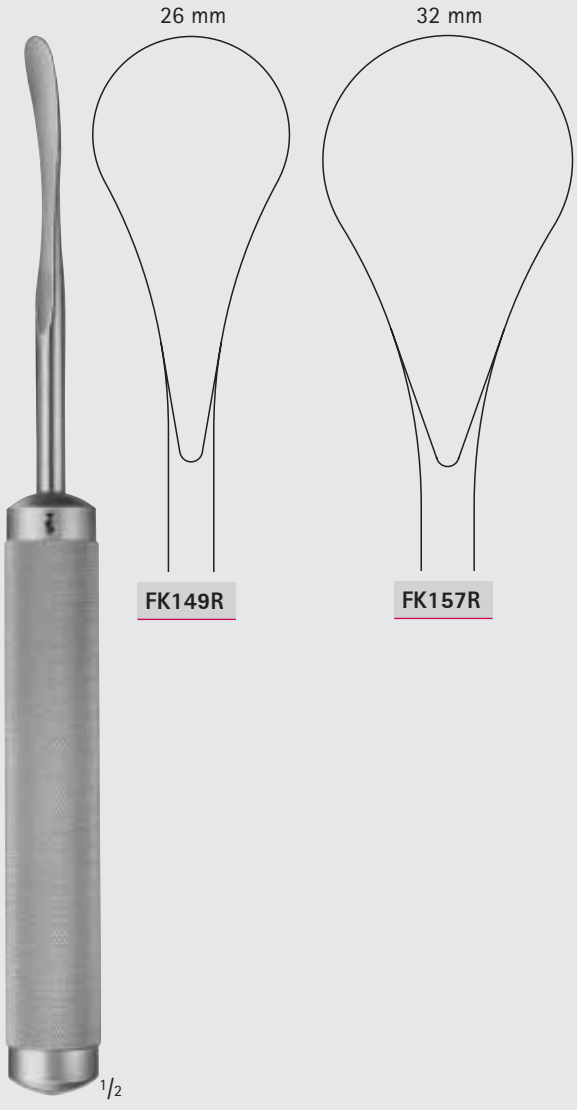
FK336R

210 mm, 8 1/4"

FK



FK146R FK147R FK148R

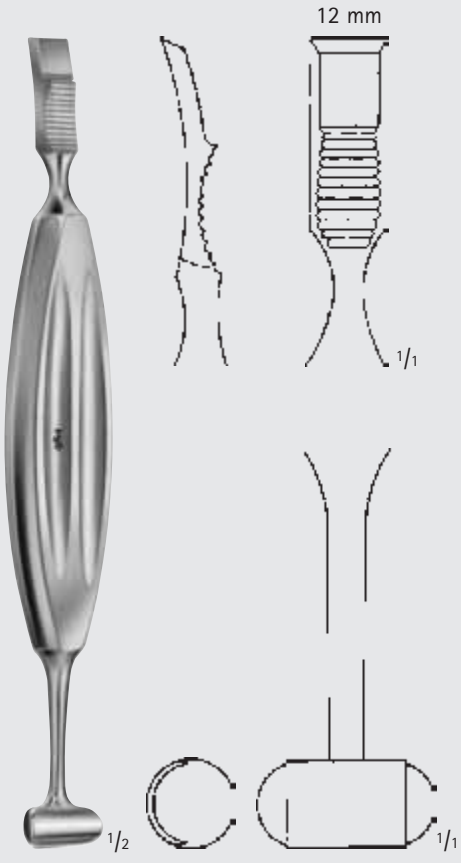


FK149R FK157R

COBB

FK146R–FK157R

280 mm, 11″



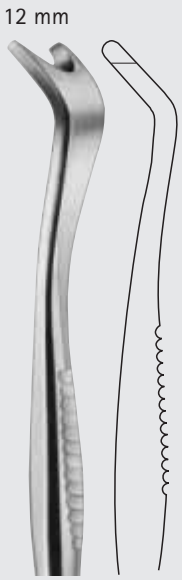
ALEXANDER

FK420R

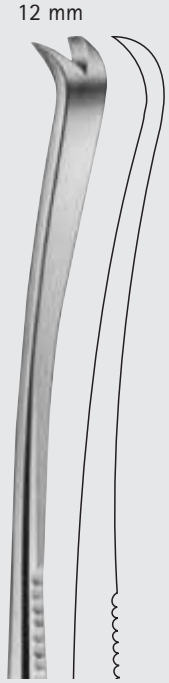
210 mm, 8 1/4″

SEMB

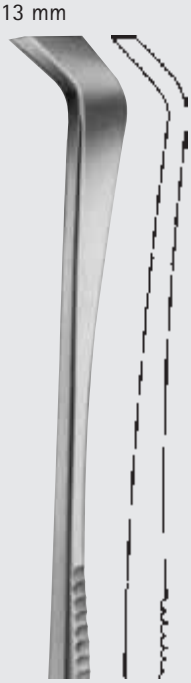
FK381R–FK387R



FK381R
190 mm
7 1/2"



FK382R
230 mm
9"



FK383R
230 mm
9"

FK384R
230 mm
9"

FK387R
230 mm
9"

Knochenhebel, Raspatorien, Scharfe Löffel – Bone Levers, Elevators, Bone Curettes

Raspatorien
Raspatories

DOYEN

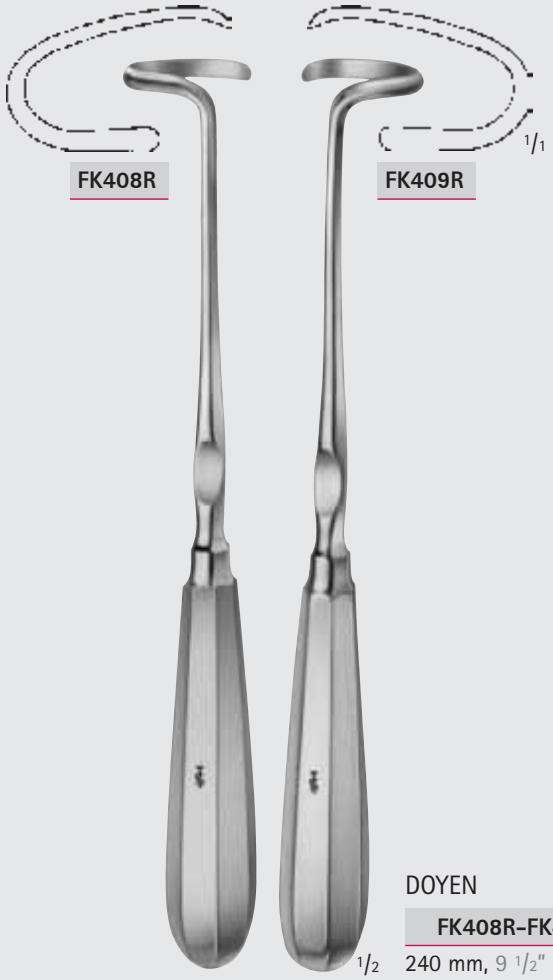
FK400R–FK401R

für Kinder
for children
175 mm, 7"

DOYEN

FK402R–FK403R

für Erwachsene
for adults
175 mm, 7"

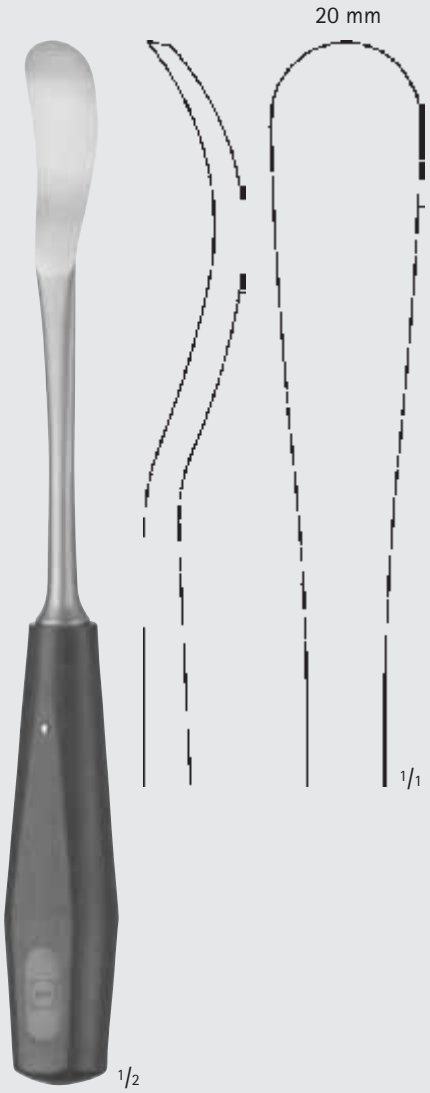


DOYEN

FK408R–FK409R

240 mm, 9 1/2"

Dampfsterilisierbar bis 143°C
Can be sterilized in a steam sterilizer up to 143°C (3 bar)



FK348R
275 mm, 10 3/4"

FK352R **FK353R**

WAGNER

FK352R-FK353R
330 mm, 13"

Knochenhebel, Raspatorien, Scharfe Löffel – Bone Levers, Elevators, Bone Curettes

Knochen-Feilen und -Raspeln
Bone Files and Rasps

7,5 mm

9 mm

1/1

OL401R
kariert, fein
fine, chequered

OL403R
kariert, grob
coarse, chequered

JOSEPH

OL401R-OL403R

165 mm, 6 1/2"

1/2

8 mm

8 mm

1/1

OL408R
feine Zahnung
fine teeth

OL409R
grobe Zahnung
coarse teeth

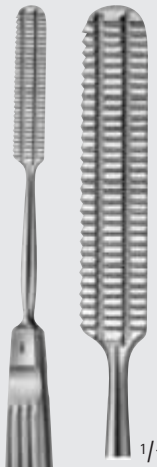
LEWIS

OL408R-OL409R

175 mm, 7"

1/2

9 mm



1/1

MALTZ

OL407R

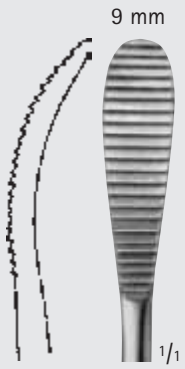
auf Zug
down stroke

180 mm, 7"

1/2

9 mm

9 mm



1/1

OL410R
auf Druck
up stroke

OL411R
auf Zug
down stroke

AUFRICHT

OL410R-OL411R

220 mm, 8 3/4"

1/2

6,5 mm

1/1

GALLAHER

OL412R

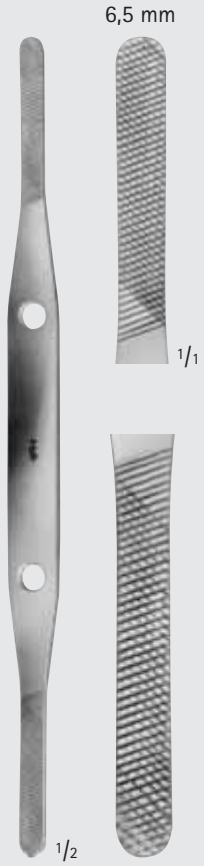
190 mm, 7 1/2"

1/2

Knochenhebel, Raspatorien, Scharfe Löffel – Bone Levers, Elevators, Bone Curettes

Knochen-Feilen und -Raspeln, DUROGRIP® Raspeln

Bone Files and Rasps, DUROGRIP® Rasps

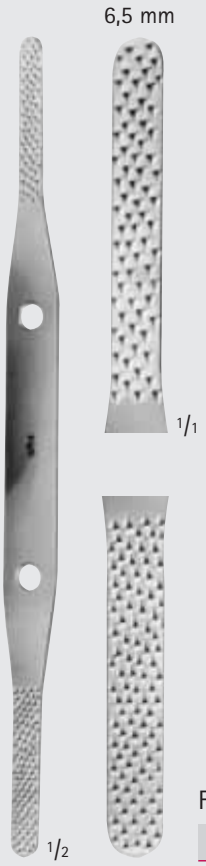


FOMON

OL405R

7,5 mm

215 mm, 8 1/2"

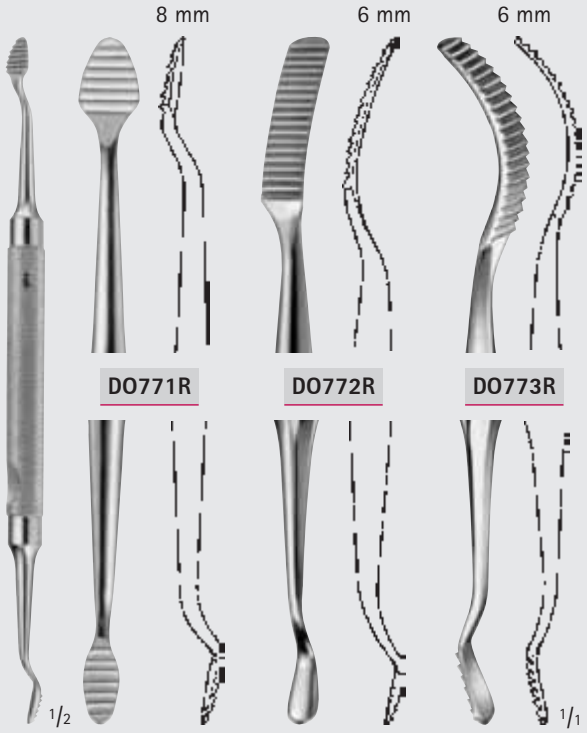


FOMON

OL406R

7,5 mm

215 mm, 8 1/2"



DO771R **DO772R** **DO773R**

MILLER

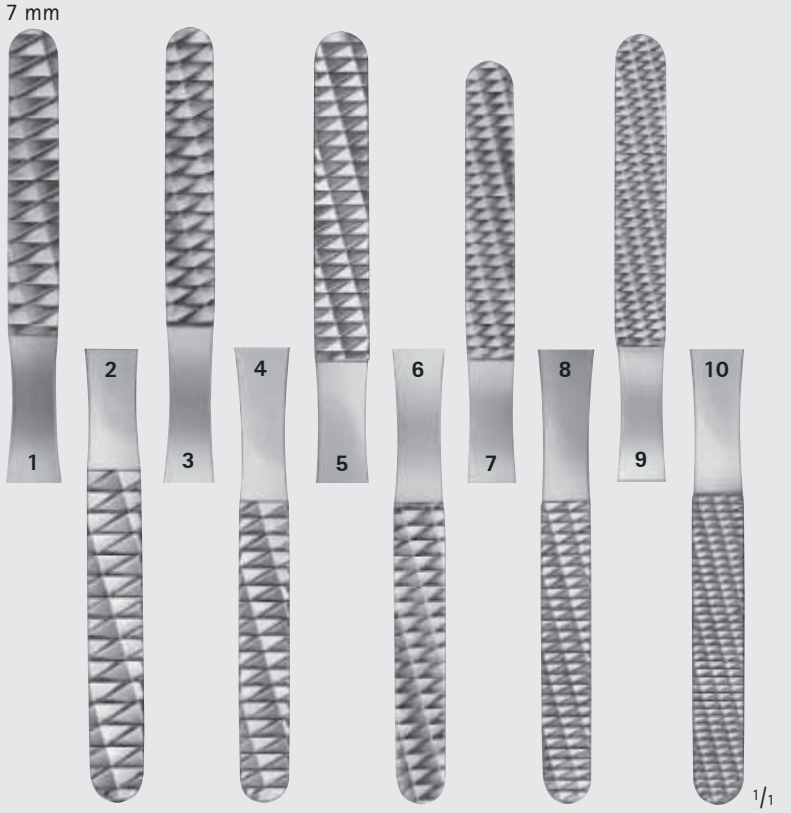
5 mm 4,3 mm 5 mm

DO771R-DO773R

180 mm, 7"

OL421R-OL429R

205 mm, 8"



	OL421R	OL423R	OL425R	OL427R	OL429R
Zähne Teeth	12/14	16/20	24/30	36/44	52/62

Knochenhebel, Raspatorien, Scharfe Löffel – Bone Levers, Elevators, Bone Curettes

Knochen-Feilen und -Raspeln

Bone Files and Rasps

20 mm

eine Seite Feilenhieb, andere Seite Raspelhieb

one side file cut one side rasp cut

FK507R

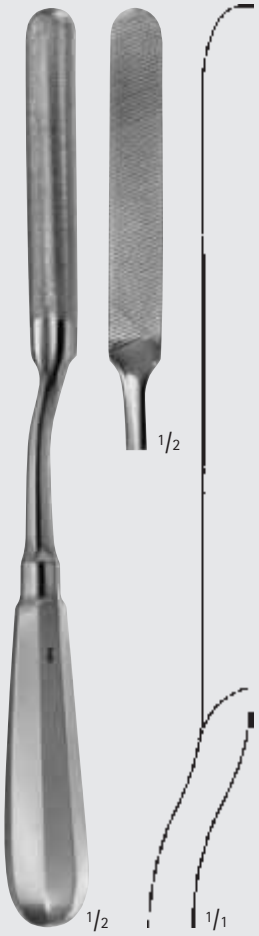
220 mm, 8 3/4"

20 mm

FK510R

295 mm, 11 3/4"

13 mm



FK511R

240 mm, 9 1/2"

18 mm

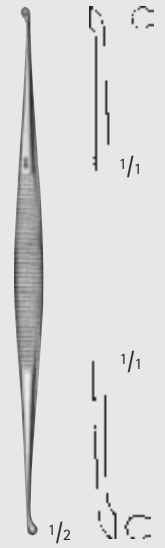
20 mm

PUTTI

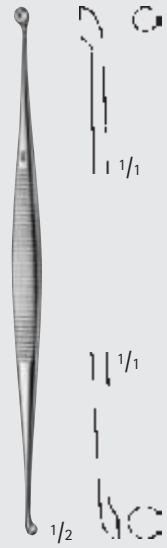
FK505R

270 mm, 10 3/4"

JACOBSON
FK813R
140 mm, 5 1/2"



MARTINI
FK800R
140 mm, 5 1/2"



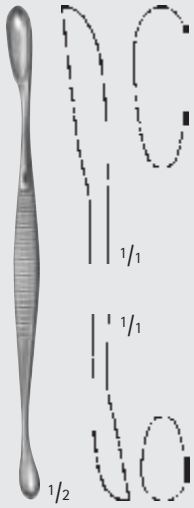
MARTINI
FK801R
140 mm, 5 1/2"

WILLIGER
FK814R
145 mm, 5 3/4"

JANSEN
FK803R
160 mm, 6 1/4"

BARTH
FK817R
180 mm, 7"

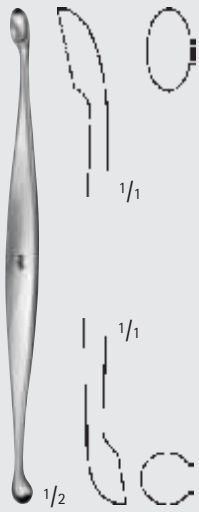
FK850R
210 mm, 8 1/4"



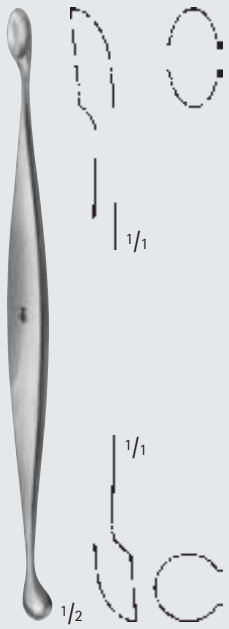
VOLKMANN
FK840R
130 mm, 5 1/8"

VOLKMANN
FK841R
145 mm, 5 3/4"

VOLKMANN
FK842R
170 mm, 6 3/4"



FK845R
130 mm, 5 1/8"

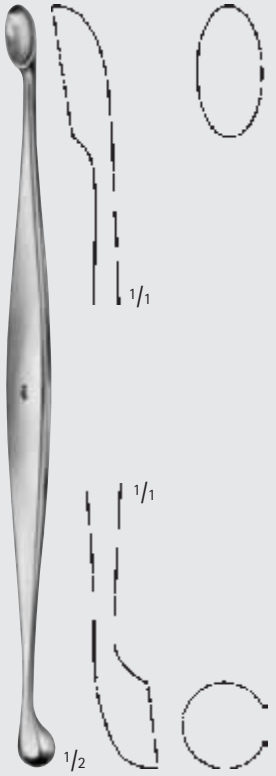


FK846R
160 mm, 6 1/4"

Knochenhebel, Raspatorien, Scharfe Löffel – Bone Levers, Elevators, Bone Curettes

Scharfe Löffel

Bone Curettes



FK848R
200 mm, 8"

DO650R
160 mm, 6 1/4"

JANSEN
DO651R
160 mm, 6 1/4"

HEMINGWAY
DO655R
170 mm, 6 3/4"

HEMINGWAY
DO656R
170 mm, 6 3/4"

HEMINGWAY
DO670R
Fig. 0
170 mm, 6 3/4"

HEMINGWAY
DO671R
Fig. 1
170 mm, 6 3/4"

HEMINGWAY
DO672R
Fig. 2
170 mm, 6 3/4"

HEMINGWAY
DO673R
Fig. 3
170 mm, 6 3/4"

HEMINGWAY
DO674R
Fig. 4
170 mm, 6 3/4"

LUCAS
DO608R
180 mm, 7"

LUCAS
DO609R
185 mm, 7 1/4"

DO630R

DO632R

KERPEL

DO630R–DO632R

145 mm, 5 3/4"

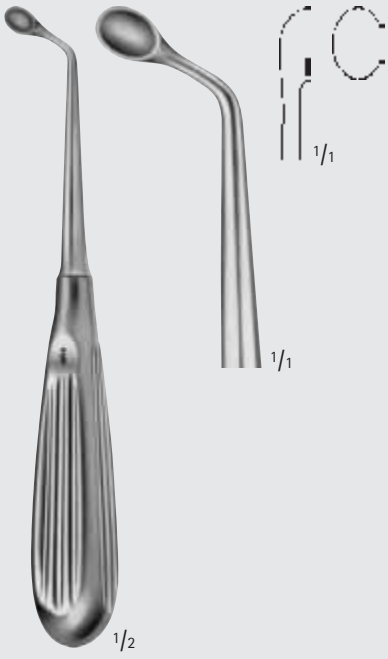
DO631R

DO633R

KERPEL

DO631R–DO633R

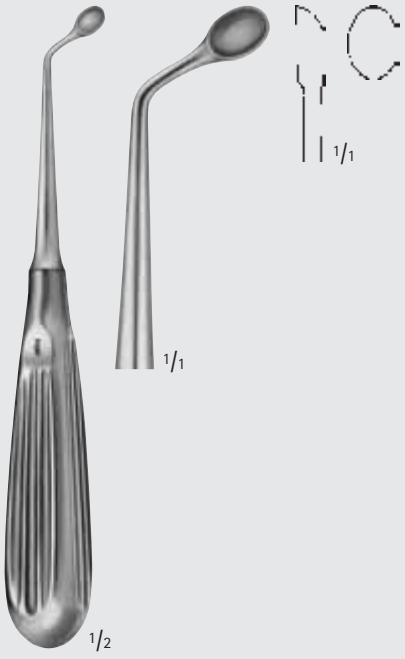
145 mm, 5 3/4"



UFFENORDE

FK660R

170 mm, 6 3/4"



UFFENORDE

FK661R

170 mm, 6 3/4"

Knochenhebel, Raspatorien, Scharfe Löffel – Bone Levers, Elevators, Bone Curettes

Scharfe Löffel

Bone Curettes

1/2

3 mm
Fig. 000
FK611R

4 mm
Fig. 00
FK612R

5 mm
Fig. 0
FK613R

6 mm
Fig. 1
FK614R

8 mm
Fig. 2
FK615R

10 mm
Fig. 3
FK616R

12 mm
Fig. 4
FK617R

1/1

BRUNS

FK611R–FK617R

165 mm, 6 1/2"

2,5 mm
Fig. 000
FK621R

3,4 mm
Fig. 00
FK622R

4,2 mm
Fig. 0
FK623R

5,2 mm
Fig. 1
FK624R

6,3 mm
Fig. 2
FK625R

7,4 mm
Fig. 3
FK626R

8 mm
Fig. 4
FK627R

1/1

SCHEDE

FK621R–FK627R

170 mm, 6 3/4"

1/2

2,8 mm
Fig. 0000
FK630R

3,6 mm
Fig. 000
FK631R

4,4 mm
Fig. 00
FK632R

5,2 mm
Fig. 0
FK633R

6,8 mm
Fig. 1
FK634R

8,5 mm
Fig. 2
FK635R

10 mm
Fig. 3
FK636R

11,5 mm
Fig. 4
FK637R

13 mm
Fig. 5
FK638R

14,5 mm
Fig. 6
FK639R

1/1

VOLKMANN

FK630R–FK639R

170 mm, 6 3/4"

1/2

3,4 mm
Fig. 00
FK658R

5,2 mm
Fig. 1
FK659R

1/1

WILLIGER

FK658R–FK659R

170 mm, 6 3/4"

INCHES

1,8 mm
FK675R

2,0 mm
FK676R

2,4 mm
FK677R

2,6 mm
FK678R

2,8 mm
1/1
FK679R

1/2

LEMPERT

FK675R–FK679R

215 mm, 8 1/2"

biegsam
malleable

4,4 mm
Fig. 00
FK684R

5,2 mm
Fig. 0
FK685R

6,8 mm
1/1
Fig. 1
FK686R

1/2

HALLE

FK684R–FK686R

215 mm, 8 1/2"

2,8 mm
Fig. 0000
FK662R

3,6 mm
Fig. 000
FK663R

4,4 mm
Fig. 00
FK664R

5,2 mm
1/1
Fig. 0
FK665R

1/2

DAUBENSPECK

FK662R–FK665R

200 mm, 8"

Knochenhebel, Raspatorien, Scharfe Löffel – Bone Levers, Elevators, Bone Curettes

Scharfe Löffel

Bone Curettes

3,6 mm

Fig. 000

FK702R

4,4 mm

Fig. 00

FK703R

5,2 mm

Fig. 0

FK704R

6,8 mm

1/1

Fig. 1

FK705R

1/2

FK702R–FK705R

250 mm, 10"

3,6 mm

Fig. 000

FK712R

4,4 mm

Fig. 00

FK713R

5,2 mm

Fig. 0

FK714R

6,8 mm

1/1

Fig. 1

FK715R

1/2

FK712R–FK715R

250 mm, 10"

3 mm

FK723R

4 mm

FK724R

5 mm

1/1

FK725R

1/2

BUSHE

FK723R–FK725R

250 mm, 10"

INCHES

1/2

2,0 mm	2,5 mm	3,3 mm	3,8 mm	4,8 mm	5,3 mm	6,0 mm	6,7 mm	7,3 mm
Fig. 000	Fig. 00	Fig. 0	Fig. 1	Fig. 2	Fig. 3	Fig. 4	Fig. 5	Fig. 6
MB872R	**MB873R**	**MB874R**	**MB875R**	**MB876R**	**MB877R**	**MB878R**	**MB879R**	**MB880R**

BRUNS

MB872R–MB880R

230 mm, 9"

Knochenhebel, Raspatorien, Scharfe Löffel – Bone Levers, Elevators, Bone Curettes

Scharfe Löffel
Bone Curettes

3,6 mm

Fig. 000

FK688R

4,4 mm

Fig. 00

FK689R

5,2 mm

1/1

Fig. 0

FK690R

SIMON

FK688R–FK690R

1/2 235 mm, 9 1/4"

6,8 mm

Fig. 1

ER101R

8,5 mm

Fig. 2

ER102R

10 mm

Fig. 3

ER103R

11,5 mm

Fig. 4

ER104R

13 mm

Fig. 5

ER105R

14,5 mm

1/1

Fig. 6

ER106R

SIMON

ER101R–ER106R

1/2 max. 240 mm, 9 1/2"

3,6 mm

Fig. 000

FK773R

4,4 mm

Fig. 00

FK774R

5,2 mm

Fig.0

FK775R

CASPAR

FK773R–FK775R

220 mm, 8 3/4"

1/2

3,6 mm

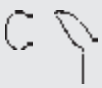


Fig. 000

FK783R

4,4 mm

Fig. 00

FK784R

5,2 mm

1/1

Fig. 0

FK785R

CASPAR

FK783R–FK785R

220 mm, 8 3/4"

1/2

4 mm

FK834R

5 mm

FK835R

6 mm

1/1

FK836R

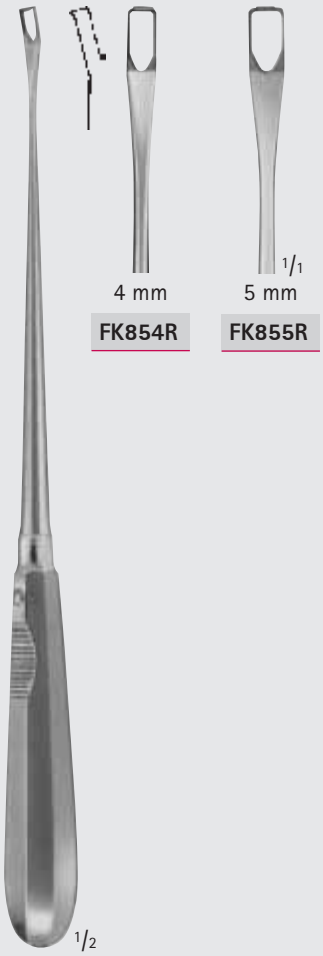
CASPAR

FK834R–FK836R

gezahnt

toothed

1/2 220 mm, 8 3/4"

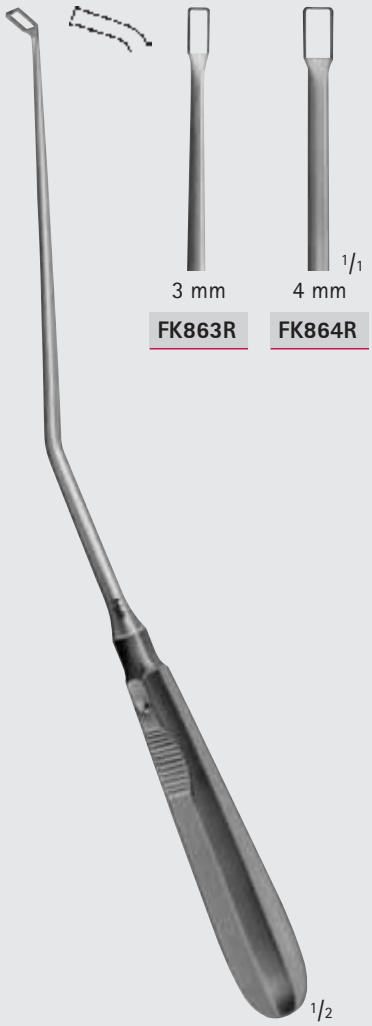


FK854R | FK855R

CASPAR

FK854R-FK855R

gezahnt
toothed
250 mm, 10"



FK863R | FK864R

CASPAR

FK863R-FK864R

gezahnt
toothed
270 mm, 10 3/4"

Dampfsterilisierbar bis 143°C (3 bar)
Can be sterilized in a steam sterilizer up to 143°C (3 bar overpressure)

4,4 mm
Fig. 00
FK666R

6,8 mm
Fig. 1
FK668R

8,5 mm
Fig. 2
FK670R

10 mm
Fig. 3
FK672R

FK666R-FK672R

270 mm, 10 3/4"

1
2
3
4
5
6
7
8
INCHES

FL

Hämmer, Meißel
Mallets, Chisels and Gouges

Hämmer und Meißel – Mallets, Chisels and Gouges

Hämmer
Mallets

Die Gewichtsangaben beziehen sich auf den Kopf des jeweiligen Hammers
Weights refer to the heads of the mallets

MEAD

FL035R 180 g
mit auswechselbaren Kunststoffbacken
with interchangeable plastic discs
190 mm, 7 1/2"

FL034
Ersatzbackenpaar
Pair of spare discs

FL036R 135 g
mit auswechselbaren Kunststoffbacken
with interchangeable plastic discs
185 mm, 7 1/4"

FL037
Ersatzbackenpaar
Pair of spare discs

COTTLE

FL038R 235 g
1 Seite flach, 1 Seite convex
1 side flat, 1 side convex
185 mm, 7 1/4"

FL039R 130 g
mit einer flachen und einer aufgerauhten Fläche
with one smooth and one rough surface
185 mm, 7 1/4"

Die Gewichtsangaben beziehen sich auf den Kopf des jeweiligen Hammers
Weights refer to the heads of the mallets

Ø 22 mm
diam. 22 mm

DF112R 80 g
165 mm, 6 1/2"

1/2

Ø 22 mm
diam. 22 mm

DF114R 155 g
190 mm, 7 1/2"

1/2

Ø 27 mm
diam. 27 mm

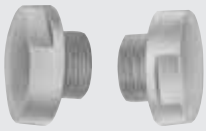
HAJEK
FL044R 135 g
220 mm, 8 3/4"

1/2

Hämmer und Meißel – Mallets, Chisels and Gouges

Hämmer
Mallets

Die Gewichtsangaben beziehen sich auf den Kopf des jeweiligen Hammers
Weights refer to the heads of the mallets



FL047

Ersatzbackenpaar
Pair of spare disks

FL045R 200 g

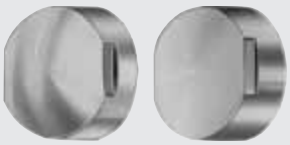
mit auswechselbaren Kunststoffbacken
with interchangeable plastic discs
245 mm, 9 3/4"

Dampfsterilisierbar bis 143°C (3 bar)
Can be sterilized in a steam sterilizer up to 143°C (3 bar)

Ø
diam.

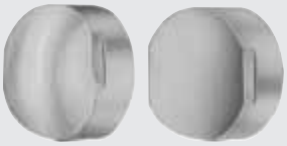
FL010	42 mm
FL011	50 mm

250 mm, 10"



FL064R 215 g

1 Metallbacke, plan
1 Metallbacke, convex
1 metal disc, flat
1 metal disc, convex



FL065 30 g

1 Kunststoffbacke, plan
1 Kunststoffbacke, convex
1 plastic disc, flat
1 plastic disc, convex

Hammerkopf ohne Backen 125 g
Mallet head without disks 125 g

WAGNER

FL062

komplett mit:
FL064R 1 Paar Metallbacken
FL065 1 Paar Kunststoffbacken
1 Schlüssel

complete with:
FL064R 1 pair of metal discs
FL065 1 pair of plastic discs
1 wrench

235 mm, 9 1/4"

Die Gewichtsangaben beziehen sich auf den Kopf des jeweiligen Hammers
Weights refer to the heads of the mallets

FL070S 425 g
Kopf aus Implantatewerkstoff
Head made of material used for implants
235 mm, 9 1/4"

BERGMANN
FL060R 300 g
245 mm, 9 3/4"

BERGMANN
FL055R 245 g
235 mm, 9 1/4"

Hämmer und Meißel – Mallets, Chisels and Gouges

Hämmer
Mallets

Die Gewichtsangaben beziehen sich auf den Kopf des jeweiligen Hammers
Weights refer to the heads of the mallets

FL059R 285 g
240 mm, 9 1/2"

OMBREDANNE

FL066R 520 g
240 mm, 9 1/2"

HEATH

		Ø diam.	
FL068C	660 g	40 mm	185 mm, 7 1/4"
FL069C	725 g	45 mm	200 mm, 8"

mit Kupferfüllung
with cooper filled head

1/2

FL097R	FL098R
2,5 mm	3,5 mm

1/1

PASSOW

FL097R–FL098R

120 mm, 4 3/4"

1/2

Ø/diam.	FL093R	FL094R	FL095R	FL096R
	3,0 mm	5,0 mm	7 mm	9 mm

1/1

FL093R–FL096R

160 mm, 6 1/2"

1/2

Ø/diam.	FF913R	FF914R	FF915R
	3 mm	5 mm	8 mm

1/1

CASPAR

FF913R–FF915R

200 mm, 8"

1/2

Ø/diam.	FL090R	FL091R	FL092R
	12 mm	14 mm	16 mm

1/1

FL090R–FL092R

200 mm, 8"

Hämmer und Meißel – Mallets, Chisels and Gouges

Osteotome, Flach- und Hohlmeißel

Osteotomes, Chisels and Gouges

1/1

1/2

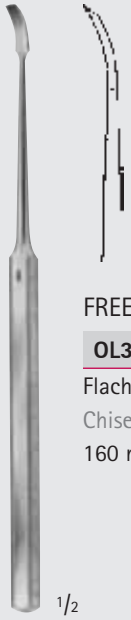
FREER

OL311R 4 mm

Flachmeißel

Chisel

160 mm, 6 1/4"



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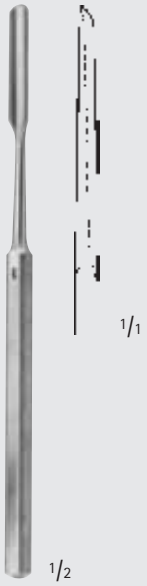
FREER

OL314R 4 mm

Flachmeißel, gebogen

Chisel, curved

160 mm, 6 1/4"



1/1

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FREER

OL316R 6 mm

Hohlmeißel

Gouge

150 mm, 6"

1/1

1/2

MANNERFELT MODIF.

FL144R 4 mm

FL146R 6 mm

FL148R 8 mm

Osteotome

Osteotomes

155 mm, 6"

1/1

1/2

MANNERFELT MODIF.

FL153R 3 mm

Hohlmeißel

Gouge

155 mm, 6"

1/1

1/2

KRÄMER

FL711R 2,6 mm

Osteophyten-Meißel mit Griff

Chisel for osteophytes with handle

215 mm, 8 1/2"

INCHES

FL110R	4 mm
FL112R	6 mm
FL114R	8 mm
FL116R	10 mm
FL118R	12 mm

Osteotome
Osteotomes
140 mm, 5 1/2"

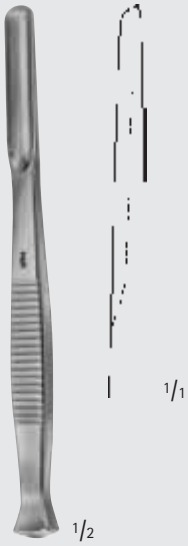
FL120R	4 mm
FL122R	6 mm
FL124R	8 mm
FL126R	10 mm
FL128R	12 mm

Flachmeißel
Chisels
140 mm, 5 1/2"

GILLIES

OL341R	5 mm
OL342R	7 mm
OL343R	9 mm

Osteotome
Osteotomes
140 mm, 5 1/2"



FL130R	4 mm
FL132R	6 mm
FL134R	8 mm
FL136R	10 mm
FL138R	12 mm

Hohlmeißel
Gouges
140 mm, 5 1/2"

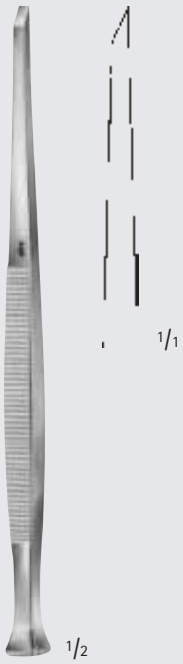
Hämmer und Meißel – Mallets, Chisels and Gouges

Flach- und Hohlmeißel
Chisels and Gouges

PARTSCH

FL173R	3 mm
FL174R	4 mm
FL175R	5 mm
FL176R	6 mm

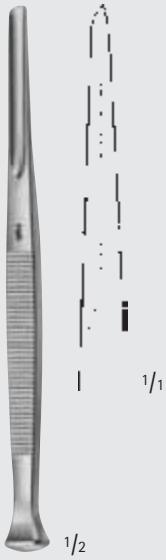
Flachmeißel
Chisels
140 mm, 5 1/2"



PARTSCH

FL183R	3 mm
FL184R	4 mm
FL185R	5 mm
FL186R	6 mm
FL187R	7 mm

Flachmeißel
Chisels
170 mm, 6 3/4"



PARTSCH

FL213R	3 mm
FL214R	4 mm
FL215R	5 mm
FL216R	6 mm

Hohlmeißel
Gouges
140 mm, 5 1/2"

PARTSCH

FL223R	3 mm
FL224R	4 mm
FL225R	5 mm
FL226R	6 mm
FL227R	7 mm

Hohlmeißel
Gouges
170 mm, 6 3/4"

1/1

1/2

LUCAS

DO711R	4 mm
DO713R	6 mm

Flachmeißel

Chisels

160 mm, 6 1/4"

1/1

1/2

LUCAS

DO715R	3 mm
DO717R	5 mm

Hohlmeißel

Gouges

160 mm, 6 1/4"

1/1

1/2

ALEXANDER

FL343R	7 mm
FL345R	9 mm
FL347R	11 mm

Hohlmeißel

Gouges

170 mm, 6 3/4"

1/1

1/2

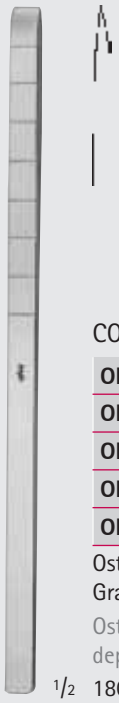
LAMBOTTE

FL101R	4 mm
FL102R	6 mm
FL104R	8 mm
FL106R	10 mm
FL108R	12 mm
FL109R	15 mm

Osteotome

Osteotomes

125 mm, 5"



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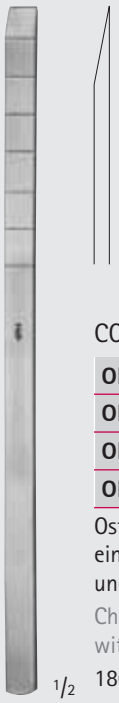
COTTLE

OL294R	4 mm
OL296R	6 mm
OL298R	8 mm
OL299R	10 mm
OL300R	12 mm

Osteotome mit Graduierung

Osteotomes with depth markings

180 mm, 7"



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COTTLE

OL301R	4 mm
OL302R	7 mm
OL303R	9 mm
OL304R	12 mm

Osteotome mit einseitigem Anschliff und Graduierung

Chisel-Osteotomes with depth markings

180 mm, 7"

1/1

1/2

COTTLE

OL307R	8 mm

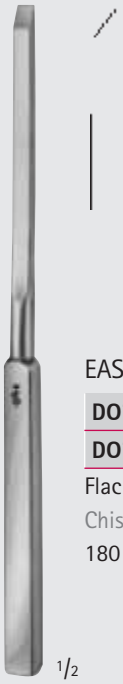
Fischschwanzosteotom

Fishtail chisel, with protected ends

180 mm, 7"

Hämmer und Meißel – Mallets, Chisels and Gouges

Flachmeißel und Osteotome
Chisels and Osteotomes



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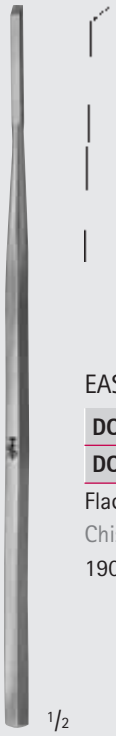
EAST GRINSTEAD (WARD)

DO722R	3 mm
DO723R	5 mm

Flachmeißel
Chisels
180 mm, 7"



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EASTMAN

DO725R	3 mm
DO726R	5 mm

Flachmeißel
Chisels
190 mm, 7 1/2"

1/1

1/2

EAST GRINSTEAD (WARD)

DO732R	3 mm
DO733R	5 mm

Osteotome
Osteotomes
180 mm, 7"

1/1

1/2

STILLE

FL503R	10 mm
FL504R	12 mm
FL505R	15 mm
FL506R	20 mm
FL507R	25 mm

Flachmeißel

Chisels

205 mm, 8"

1/1

1/2

STILLE

FL573R	10 mm
FL574R	12 mm
FL575R	15 mm
FL576R	20 mm
FL577R	25 mm

Hohlmeißel

Gouges

205 mm, 8"

1/1

1/2

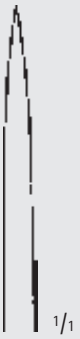
WALTER

FL583R	10 mm
FL585R	15 mm

Hohlmeißel zur Knorpelentnahme aus der Rippe

Gouges for taking grafts from the ribs

205 mm, 8"



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STILLE

FL512R	8 mm
FL513R	10 mm
FL514R	12 mm
FL515R	15 mm
FL516R	20 mm
FL517R	25 mm

Osteotome

Osteotomes

205 mm, 8"

1/1

1/2

STILLE

FL523R	10 mm
FL524R	12 mm
FL525R	15 mm
FL526R	20 mm
FL527R	25 mm

Osteotome

Osteotomes

205 mm, 8"

1/1

1/2

STILLE

FL553R	10 mm
FL554R	12 mm
FL555R	15 mm
FL556R	20 mm
FL557R	25 mm

Osteotome, gebogen

Osteotomes, curved

205 mm, 8"

Hämmer und Meißel – Mallets, Chisels and Gouges

Osteotome

Osteotomes

MB657R–MB662R

1/1

MB663R–MB669R

MB675R–MB684R

1/1

MB685R–MB694R

1/2

SMITH-PETERSEN

MB657R	7 mm
MB658R	11 mm
MB659R	14 mm
MB660R	17 mm
MB661R	19 mm
MB662R	25 mm
MB663R	6 mm
MB664R	9,5 mm
MB665R	13 mm
MB666R	16 mm
MB667R	19 mm
MB668R	25 mm
MB669R	32 mm

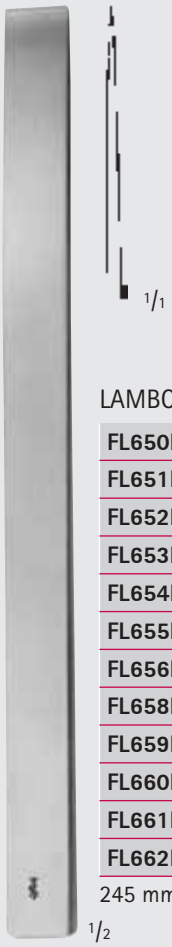
205 mm, 8 1/8"

1/2

HIBBS

MB675R	6 mm
MB676R	10 mm
MB677R	13 mm
MB678R	16 mm
MB679R	19 mm
MB680R	22 mm
MB681R	25 mm
MB682R	28 mm
MB683R	32 mm
MB684R	38 mm
MB685R	6 mm
MB686R	10 mm
MB687R	13 mm
MB688R	16 mm
MB689R	19 mm
MB690R	22 mm
MB691R	25 mm
MB692R	28 mm
MB693R	32 mm
MB694R	38 mm

240 mm, 9 1/2"



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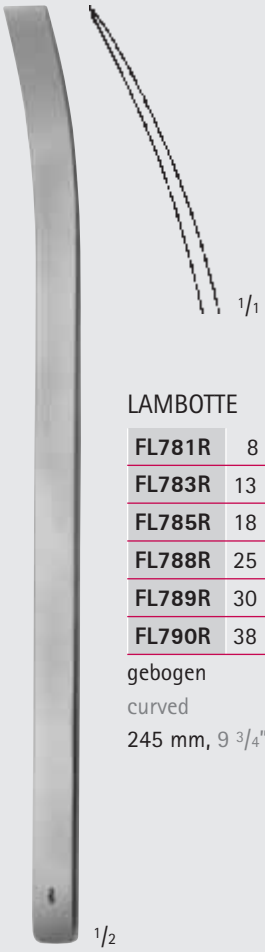
LAMBOTTE

FL650R	4 mm
FL651R	8 mm
FL652R	10 mm
FL653R	13 mm
FL654R	15 mm
FL655R	18 mm
FL656R	20 mm
FL658R	25 mm
FL659R	30 mm
FL660R	38 mm
FL661R	44 mm
FL662R	50 mm

245 mm, 9 3/4"

1/2



1/1

LAMBOTTE

FL781R	8 mm
FL783R	13 mm
FL785R	18 mm
FL788R	25 mm
FL789R	30 mm
FL790R	38 mm

gebogen
curved
245 mm, 9 3/4"

1/2

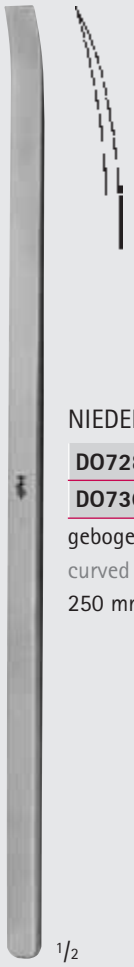
1/1

OBWEGESER

DO720R	11 mm

gebogen
curved
235 mm, 9 1/4"

1/2



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NIEDERDELLMANN

DO728R	8 mm
DO730R	10 mm

gebogen
curved
250 mm, 10"

1/2

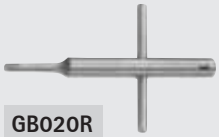
Hämmer und Meißel – Mallets, Chisels and Gouges

Osteotome, Flach- und Hohlmeißel mit PEEK-Griff

Osteotomes, Chisels and Gouges with PEEK-Handle

Dampfsterilisierbar bis 143°C (3 bar)

Can be sterilized in a steam sterilizer up to 143°C (3 bar)

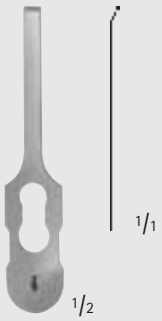


GB020R

FL665R

Meißelgriff für auswechselbare Klingen mit Spannschlüssel GB020R

Handle for interchangeable blades, with key GB020R



FL666R	5 mm
FL668R	10 mm
FL670R	16 mm
FL672R	25 mm

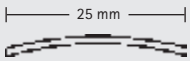
auswechselbare Klingen, Nutzlänge: 45 mm

interchangeable blades, usable length: 45 mm

FL682R 25 mm

auswechselbare Osteotomieklinge, Nutzlänge: 78 mm

interchangeable osteotome blade, usable length: 78 mm



FL685R

FL686R

FL687R

FL685R	25 mm	r = 50 mm
FL686R	25 mm	r = 60 mm
FL687R	25 mm	r = 70 mm

auswechselbare Meißelblätter, hohl

interchangeable chisel blades, hollow

Dampfsterilisierbar bis 143°C (3 bar)
Can be sterilized in a steam sterilizer up to 143°C (3 bar)

DO750R	10 mm
DO752R	15 mm
DO754R	20 mm

Flachmeißel
Chisels
200 mm, 8"

DO751R	10 mm
DO753R	15 mm
DO755R	20 mm

Flachmeißel, gebogen
Chisels, curved
200 mm, 8"

LEXER-MINI

FL380R	4 mm
FL381R	6 mm
FL382R	8 mm
FL383R	10 mm
FL384R	12 mm

Osteotome
Osteotomes
180 mm, 7"

LEXER-MINI

FL390R	4 mm
FL391R	6 mm
FL392R	8 mm
FL393R	10 mm
FL394R	12 mm

Hohlmeißel
Gouges
180 mm, 7"

Hämmer und Meißel – Mallets, Chisels and Gouges

Osteotome und Hohlmeißel mit PEEK-Griff
Osteotome and Gouges with PEEK-Handle

Dampfsterilisierbar bis 143°C (3 bar)
Can be sterilized in a steam sterilizer up to 143°C (3 bar)

LEXER

FL401R	5 mm
FL402R	7 mm
FL403R	10 mm
FL405R	15 mm
FL406R	20 mm
FL407R	25 mm
FL408R	30 mm

Osteotome
Osteotomes
220 mm, 8 3/4"

LEXER

FL411R	5 mm
FL412R	7 mm
FL413R	10 mm
FL415R	15 mm
FL416R	20 mm
FL417R	25 mm
FL418R	30 mm

Hohlmeißel
Gouges
220 mm, 8 3/4"

FL420R 9 mm
Hohlmeißel zum Freilegen abgebrochener Schrauben
Gouge for excavating broken screws
220 mm, 8 3/4"

ZIELKE

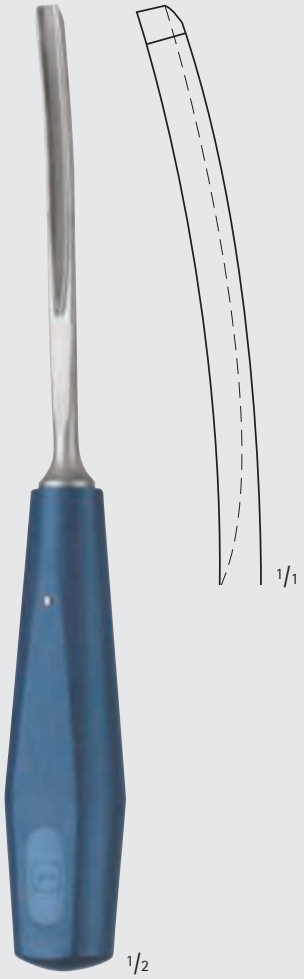
FL701R	5,5 mm
FL702R	9,0 mm

Hohlmeißel für Skoliose-Operationen
Gouges for scoliosis operations
230 mm, 9"

Dampfsterilisierbar bis 143°C (3 bar)
Can be sterilized in a steam sterilizer up to 143°C (3 bar)

FL437R	6 mm
FL438R	8 mm
FL439R	11 mm
FL440R	16 mm

Wirbelsäulenmeißel, bajonettförmig
Lamina gouge, cranked
235 mm, 9 1/4"



FL441R	5 mm
FL443R	10 mm
FL445R	15 mm

Spongiosa-Hohlmeißel, gebogen
Spongiosa gouges, curved
250 mm, 10"

Hämmer und Meißel – Mallets, Chisels and Gouges

Osteotome und Flachmeißel mit PEEK-Griff
Osteotomes and Chisels with PEEK-Handle

Dampfsterilisierbar bis 143°C (3 bar)
Can be sterilized in a steam sterilizer up to 143°C (3 bar)

FL430R 20 mm
Flachmeißel
Chisel
245 mm, 9 3/4"

ND105R 16 mm
Flachmeißel, gebogen
Chisel, curved
265 mm, 10 1/2"

LEXER

ND108R 10 mm
ND109R 15 mm
Osteotome, abgewinkelt
Osteotomes, angled
275 mm, 10 3/4"

LEXER

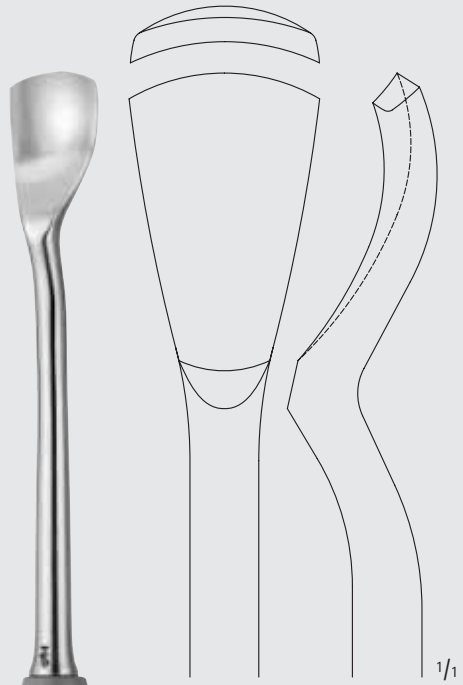
FL423R
Spongiosa-Hohlmeißel
Spongiosa gouge
280 mm, 11"

Dampfsterilisierbar bis 143°C (3 bar)
Can be sterilized in a steam sterilizer up to 143°C (3 bar)

FL

1/2

	9 mm	15 mm
aufgebogen inclined forward	**ND120R**	**ND122R**
rückwärts gebogen inclined backward	**ND121R**	**ND123R**
1/1 gerade straight	**ND124R**	**ND125R**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1/2

WAGNER

ND120R–ND125R

Hohlmeißel zum Abtragen von Osteophyten sowie zum Anbringen von Verankerungsrillen im Acetabulum. Auch sehr gut geeignet zur Zemententfernung bei Reoperationen von Schaftprothesen.

Long handled thin concave gouges for removal of osteophytes as well as for creating small notches throughout the acetabular surface. The instruments can also be used for removing bone cement from the marrow-cavity when removing a total hip prosthesis.

340 mm, 13 1/2"

ND118R 25 mm

290 mm, 11 1/4"

1
2
3
4
5
6
7
8
INCHES

FO

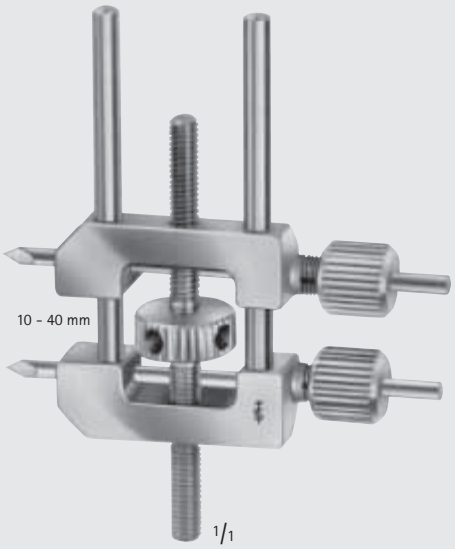
Knochenhaltezangen, Hohlmeißelzangen, Knochensplitterzangen

Bone Holding Forceps, Bone Rongeurs, Bone Cutting Forceps

Knochenhaltezangen, Hohlmeißelzangen – Bone Holding Forceps, Bone Rongeurs

Distraktor, Repositionszangen

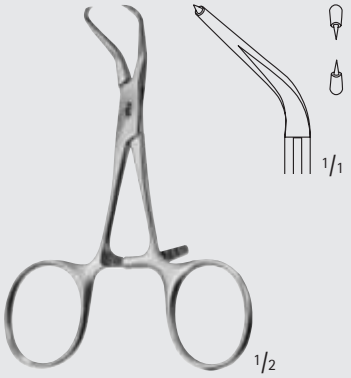
Distractor, Reposition Forceps



LX310R

Kleiner Distraktor, zum Distrahieren und Komprimieren von kleinen Knochen, für Bohrdrähte Ø 3,0 mm

Small distractor, a repositioning device for distraction and compression of small bones, for wires with 3.0 mm diam.

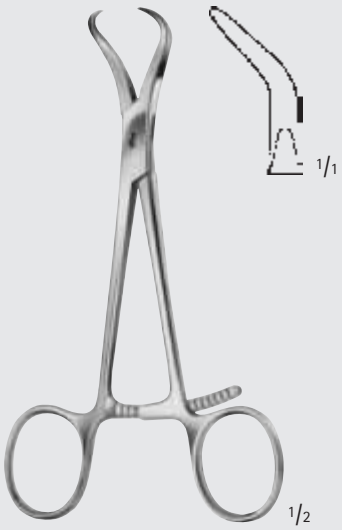


FO113R

Repositionszange mit abgesetzten Spitzen

Reposition forceps with stepped tips

95 mm, 3 3/4"

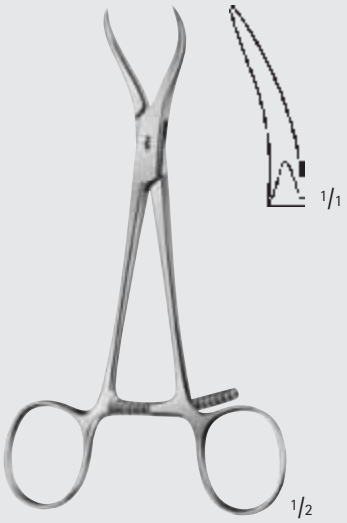


FO115R

Repositionszange für Kleinfragmente

Reposition forceps for small fragments

135 mm, 5 1/4"

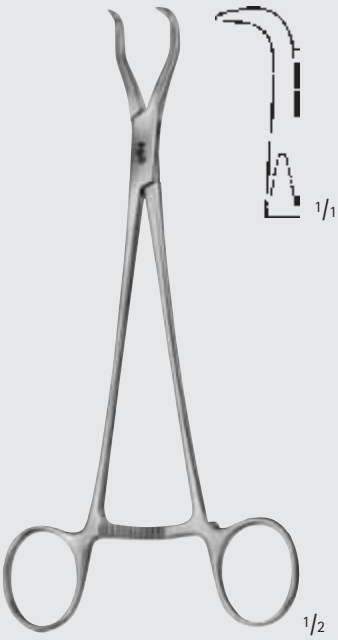


FO117R

Repositionszange, speziell für Kieferrepositionen

Reposition forceps, especially for maxillary reposition

135 mm, 5 1/4"



HAASE

FO119R

Repositionszange für Unterkieferfrakturen

Reposition forceps for mandibular fractures

165 mm, 6 1/2"

Zum Fixieren eines anzuschraubenden Knochenteils mittels KIRSCHNER-Bohrdraht bis Ø 2 mm

A bone part to be screwed on is fixed by using a KIRSCHNER wire up to diam. 2 mm

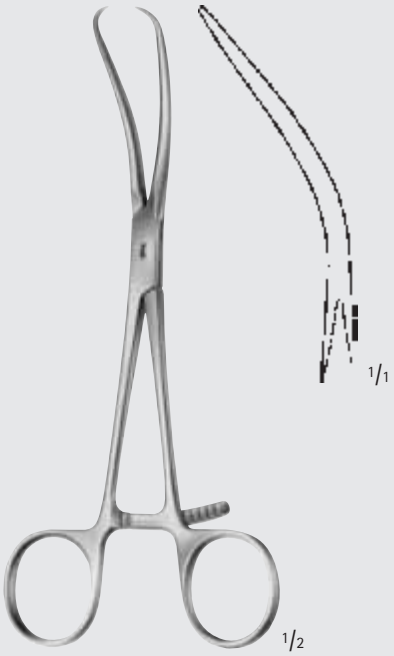
WÖRRLEIN

FO105R

Repositionsstößel (Kronenspieß), längsdurchbohrt

Reposition tamper, cannulated

165 mm, 6 1/2"



REILL

FO116R

Repositionszange

Reposition forceps

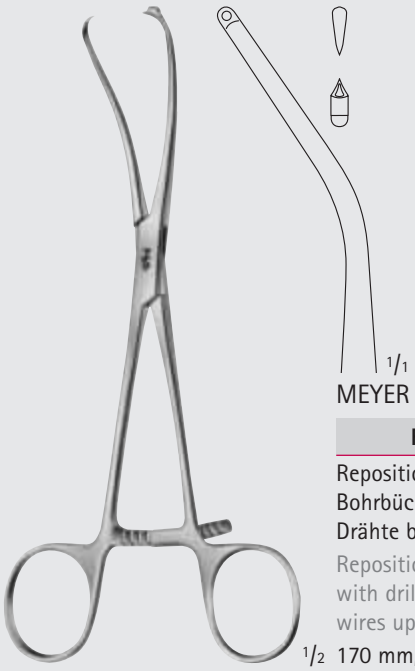
170 mm, 6 3/4"

FO118R

Repositionszange

Reposition forceps

205 mm, 8"



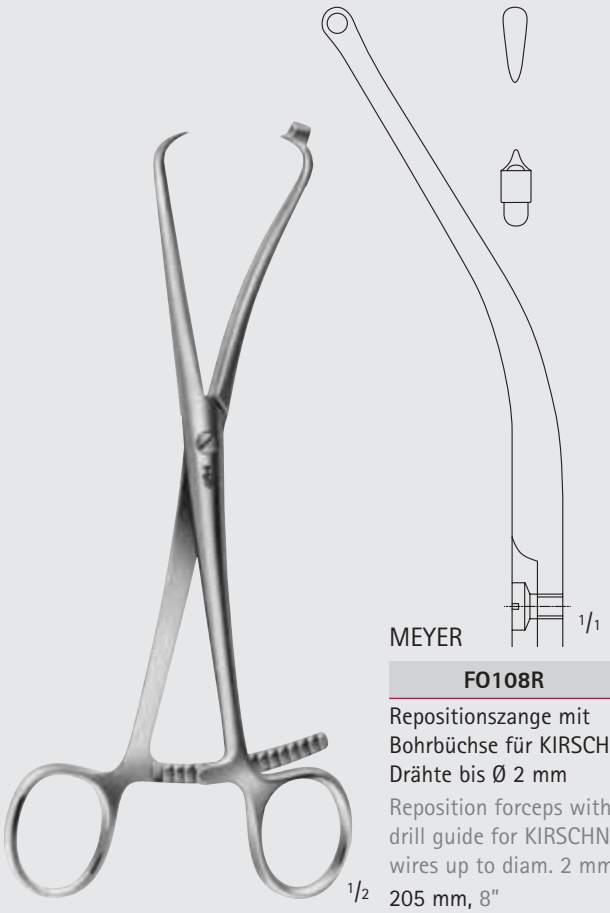
MEYER

FO106R

Repositionszange für Finger, mit Bohrbüchse für KIRSCHNER-Drähte bis Ø 1 mm

Reposition forceps for fingers, with drill guide for KIRSCHNER wires up to diam. 1 mm

170 mm, 6 3/4"



MEYER

FO108R

Repositionszange mit Bohrbüchse für KIRSCHNER-Drähte bis Ø 2 mm

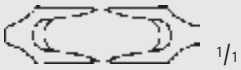
Reposition forceps with drill guide for KIRSCHNER wires up to diam. 2 mm

205 mm, 8"

Knochenhaltezangen, Hohlmeißelzangen – Bone Holding Forceps, Bone Rongeurs

Repositionszangen, Knochenhaltezangen

Reposition Forceps, Bone Holding Forceps



FO153R

Patellazange

Patella forceps

185 mm, 7 1/4"

FO112R

Knöchelfasszange

Malleolar forceps

210 mm, 8 1/4"

FO123R

Zange mit Zahnsperre

Forceps with ratchet fixation

140 mm, 5 1/2"

FO124R

Zange mit Gewindesperre

Forceps with thread fixation

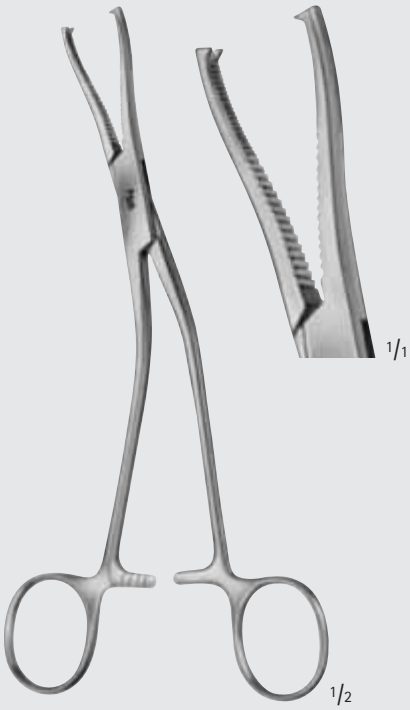
170 mm, 6 3/4"

FO125R

Zange mit Gewindesperre

Forceps with thread fixation

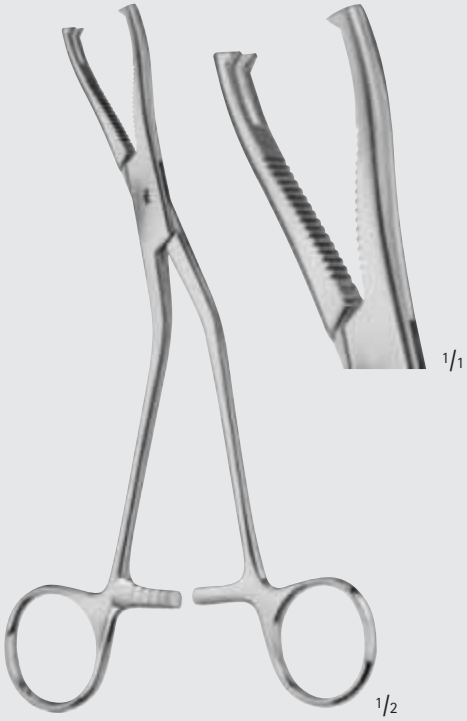
235 mm, 9 1/4"



DINGMANN

FO110R

185 mm, 7 1/4"



DINGMANN, MODIF.

FO111R

185 mm, 7 1/4"

FO100R

Sequesterzange

Sequestrum forceps

200 mm, 8"

Knochenhaltezangen, Hohlmeißelzangen – Bone Holding Forceps, Bone Rongeurs

Knochenhaltezangen
Bone Holding Forceps

FO120R

200 mm, 8"

LANGENBECK

FO127R

205 mm, 8"

FERGUSSON

FO130R

205 mm, 8"

SEMB

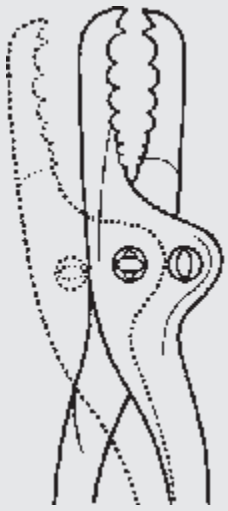
FO135R

190 mm, 7 1/2"

SEMB

FO136R

190 mm, 7 1/2"



im Maul verstellbar
jaw adjustable

FARABEUF

FO140R

230 mm, 9"

FARABEUF

FO141R

255 mm, 10"

FARABEUF-LAMBOTTE

FO143R

255 mm, 10"

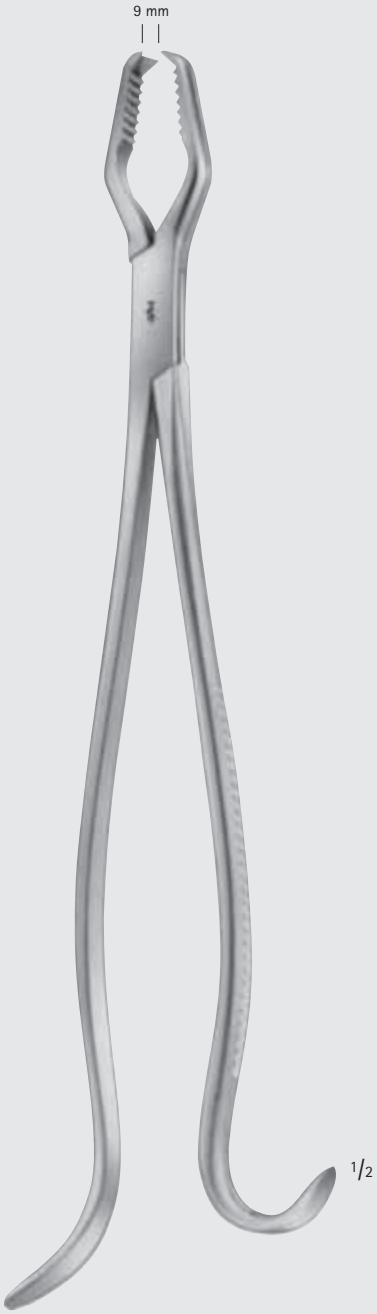
Knochenhaltezangen, Hohlmeißelzangen – Bone Holding Forceps, Bone Rongeurs

Knochenhaltezangen
Bone Holding Forceps

KERN-LANE

FO150R

240 mm, 9 1/2"



LANE

FO151R

330 mm, 13 1/8"

KERN-MINI

FO148R

155 mm, 6"

KERN-LANE

FO158R

240 mm, 9 1/2"

LANE

FO159R

320 mm, 12 3/4"

Knochenhaltezangen, Hohlmeißelzangen – Bone Holding Forceps, Bone Rongeurs

Knochenhaltezangen
Bone Holding Forceps

HEY GROVES

FO144R

210 mm, 8 1/4"

HEY GROVES

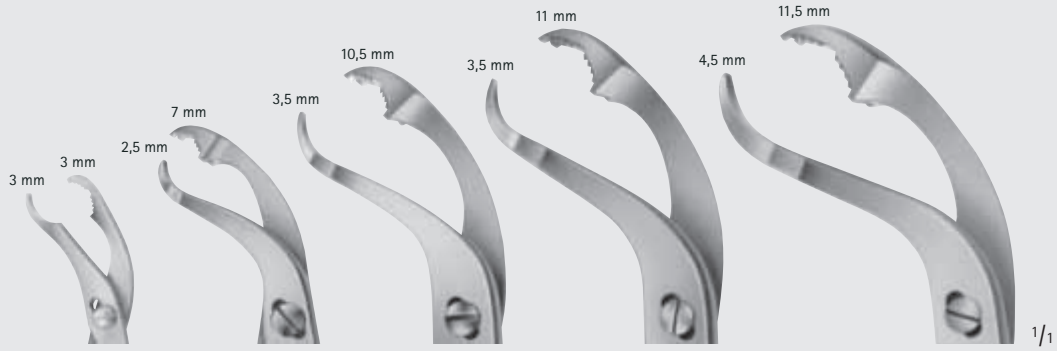
FO145R

270 mm, 10 3/4"

HEY GROVES

FO146R

305 mm, 12"

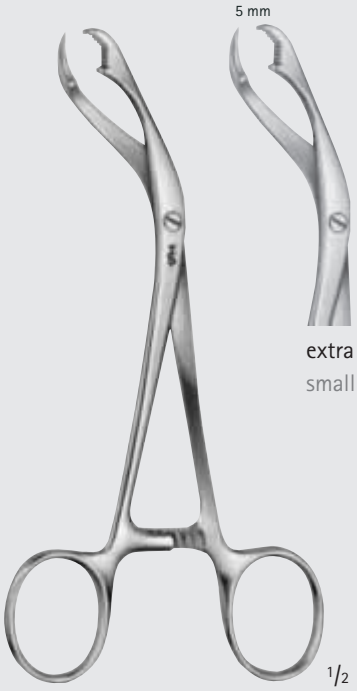


1/1

Fig. 0	Fig. 1	Fig. 2	Fig. 3
FO169R	**FO170R**	**FO171R**	**FO172R**	**FO173R**
145 mm	190 mm	240 mm	260 mm	280 mm
5 3/4"	7 1/2"	9 1/2"	10 1/4"	11"

für Klein-fragmente
for small fragments

FO169R–FO173R
selbstzentrierend mit Gewindesperre
self-centering forceps with thread fixation



1/1

extra klein
small

1/2

VERBRUGGE
FO180R
175 mm, 7"

1/1

Fig. 1	Fig. 2	Fig. 3
FO181R	**FO182R**	**FO183R**
255 mm	265 mm	270 mm
10"	10 1/2"	10 3/4"

VERBRUGGE
FO181R–FO183R
mit Lappenverschluss
with lip joint

Knochenhaltezangen, Hohlmeißelzangen – Bone Holding Forceps, Bone Rongeurs

Knochenhaltezangen
Bone Holding Forceps

Maulteil beweglich
movable jaw

LAMBOTTE

FO160R–FO162R

FO160R
220 mm
8 3/4"

FO161R
260 mm
10 1/4"

FO162R
330 mm
13 1/8"

LOWMAN

FO190R	170 mm, 6 3/4"
FO191R	205 mm, 8"

LOWMAN-GERSTER

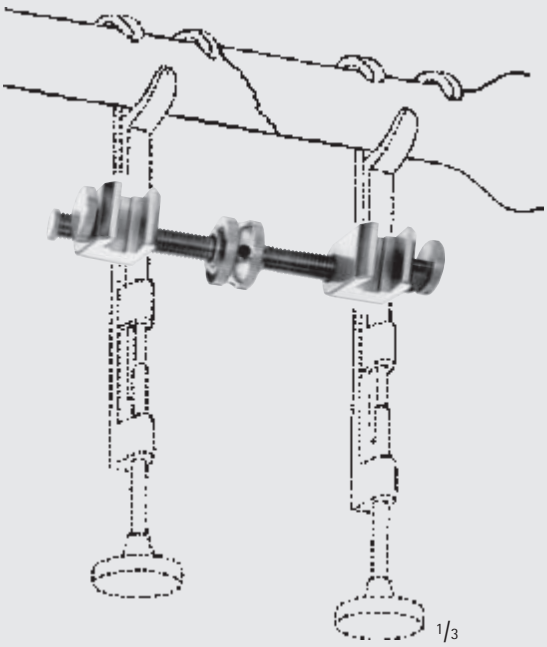
FO192R

210 mm, 8 1/4"

LOWMAN-HOGLUND

FO193R

175 mm, 7"



GERSTER

FO199R

Distraktionsklammer für FO190R – FO193R

Traction bar for FO190R – FO193R

LEWIN

MD455

185 mm, 7 1/4"

Knochenhaltezangen, Hohlmeißelzangen – Bone Holding Forceps, Bone Rongeurs

Synovektomie-Zangen, Hohlmeißelzangen

Synovectomy-Rongeurs, Bone Rongeurs

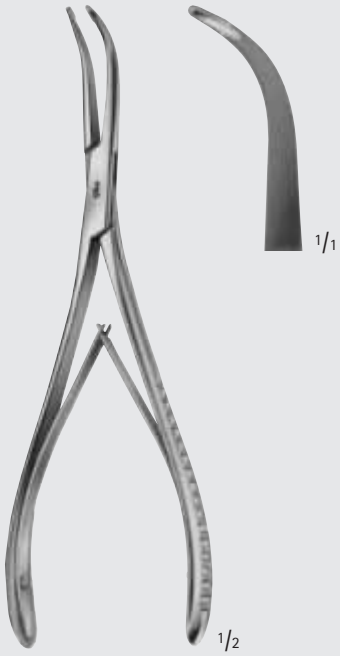
FO599R

Synovektomie-Zange
Maulbreite 2 mm
Synovectomy rongeur
jaw width 2 mm
130 mm, 5 1/8"

STELLBRINK

FO399R

Synovektomie-Zange
Synovectomy rongeur
175 mm, 7"



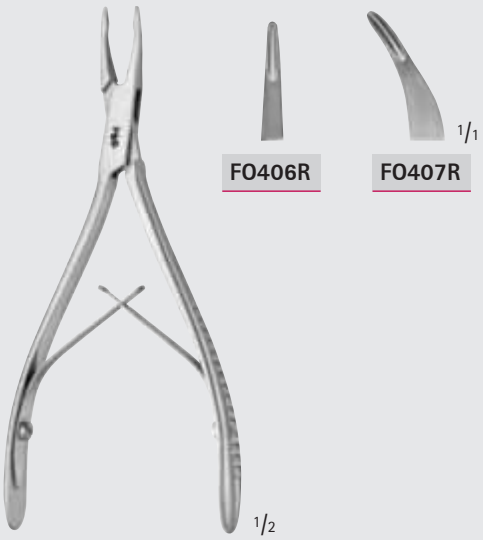
STELLBRINK

FO400R

Synovektomie-Zange
Synovectomy rongeur
170 mm, 6 3/4"

FO408R

Hohlmeißelzangen
Bone rongeurs
145 mm, 5 3/4"

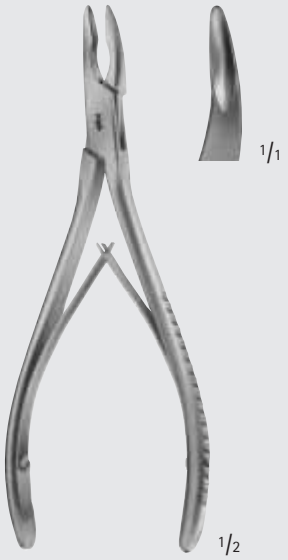


FO406R **FO407R**

FRIEDMANN

FO406R-FO407R

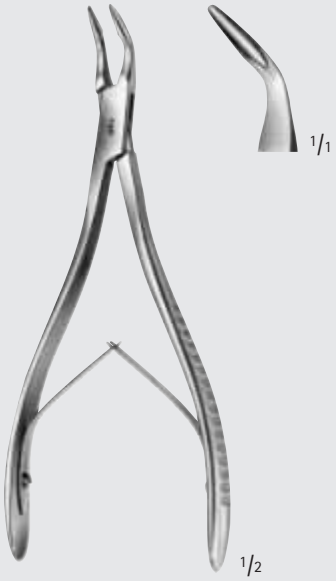
Hohlmeißelzange
Bone rongeur
140 mm, 5 1/2"



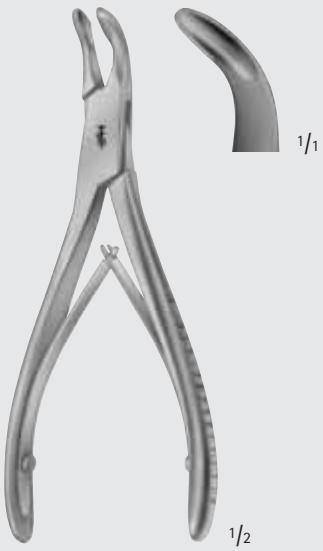
LUER-FRIEDMANN

FO409R

Hohlmeißelzangen
Bone rongeurs
145 mm, 5 3/4"



FO413R
150 mm, 6"



FO410R
140 mm, 5 1/2"

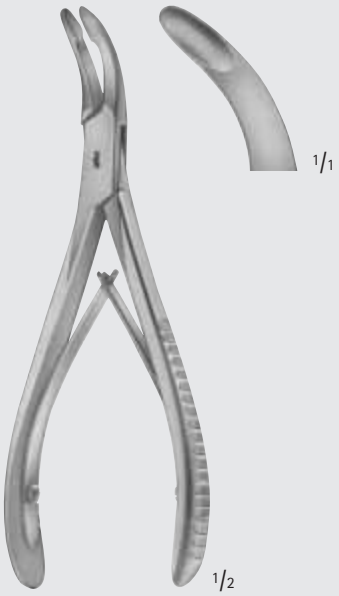
LUER

FO411R
150 mm, 6"

Knochenhaltezangen, Hohlmeißelzangen – Bone Holding Forceps, Bone Rongeurs

Hohlmeißelzangen

Bone Rongeurs



LUER

FO412R

155 mm, 6″

BLUMENTHAL

FO415R

155 mm, 6″

BLUMENTHAL

FO416R

150 mm, 6″

HAKANSSON

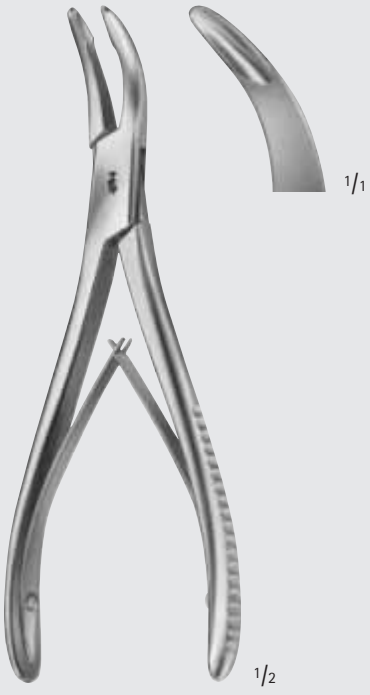
FO428R

170 mm, 6 3/4″

JANSEN

FO430R-FO432R

175 mm, 7″



BANE-HARTMANN

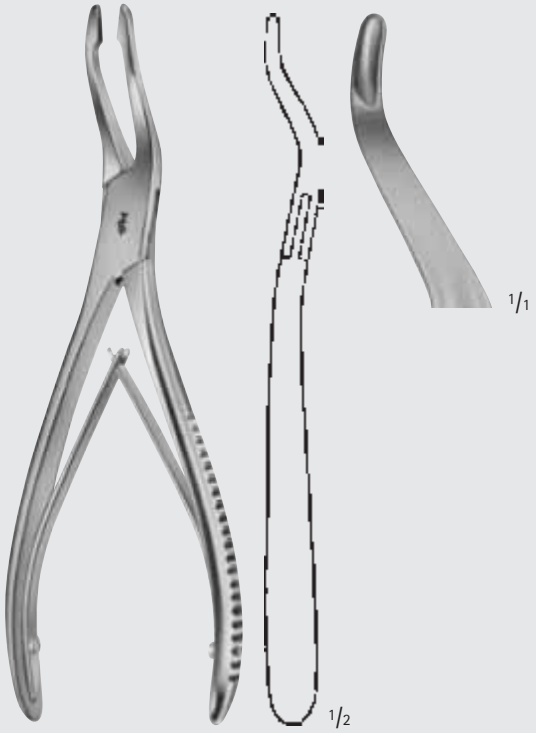
FO457R

175 mm, 7″

ALEXANDER

FO440R

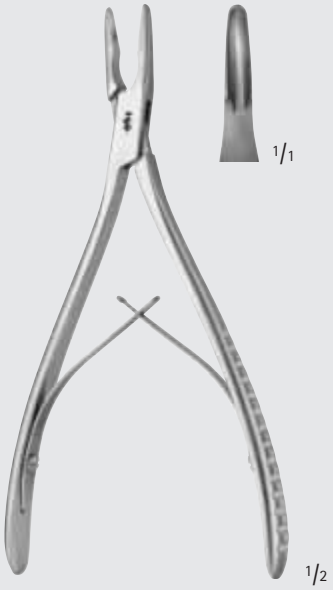
140 mm, 5 1/2"



JANSEN

FO442R

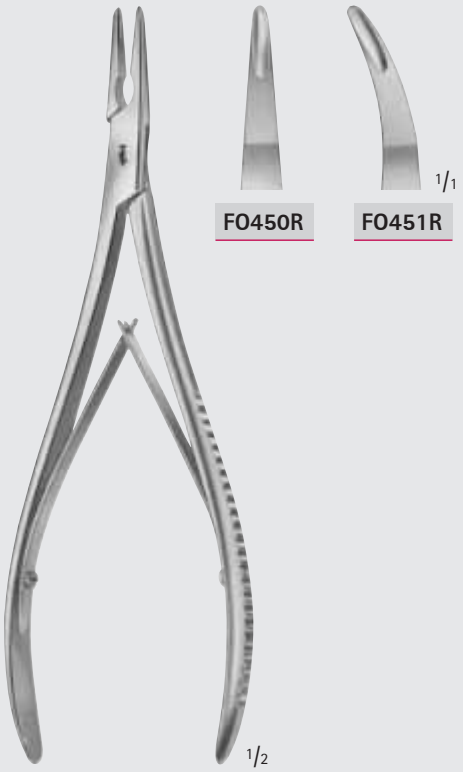
190 mm, 7 1/2"



LEMPERT

MD617

165 mm, 6 1/2"

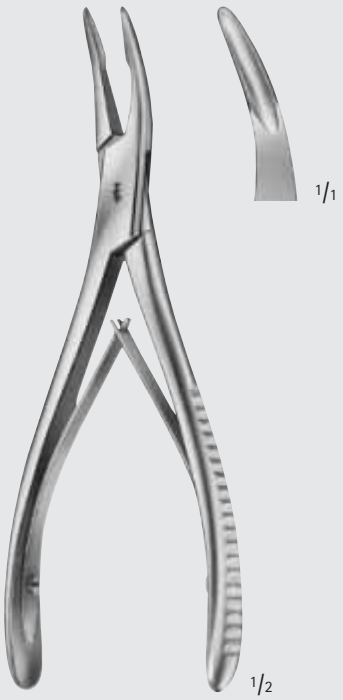


FO450R **FO451R**

LEMPERT

FO450R–FO451R

200 mm, 8"



BEYER

FO453R

180 mm, 7"

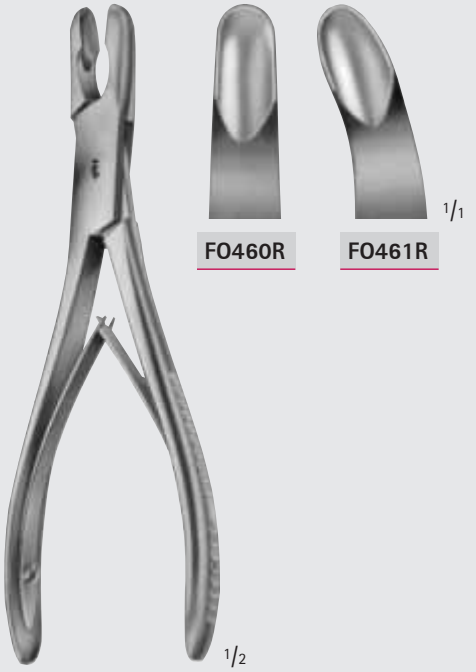
MEAD

FO455R

165 mm, 6 1/2"

Knochenhaltezangen, Hohlmeißelzangen – Bone Holding Forceps, Bone Rongeurs

Hohlmeißelzangen
Bone Rongeurs

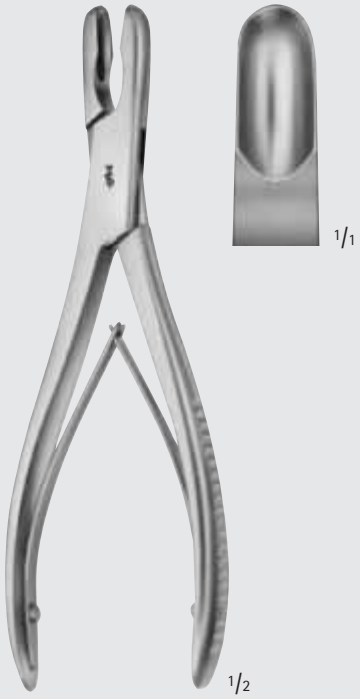


FO460R **FO461R**

LUER

FO460R–FO461R

175 mm, 7"



LUER

FO462R

180 mm, 7"

LUER

FO463R

180 mm, 7"

OLIVECRONA

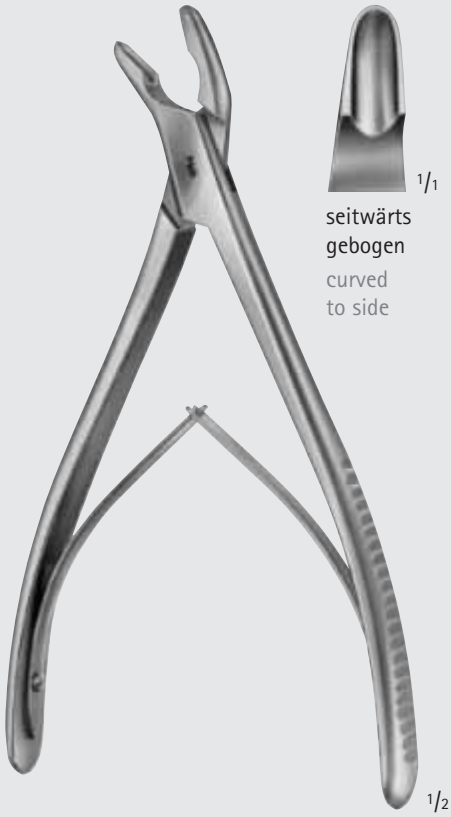
FO470R

205 mm, 8"

GULEKE

FO472R

205 mm, 8"

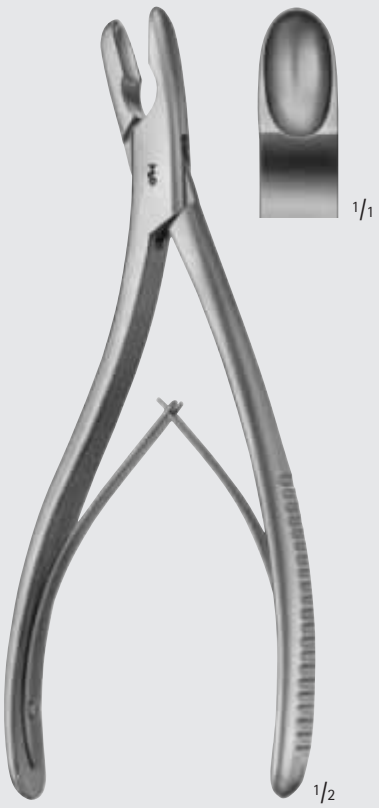


seitwärts gebogen
curved to side

TROTTER

FO467R

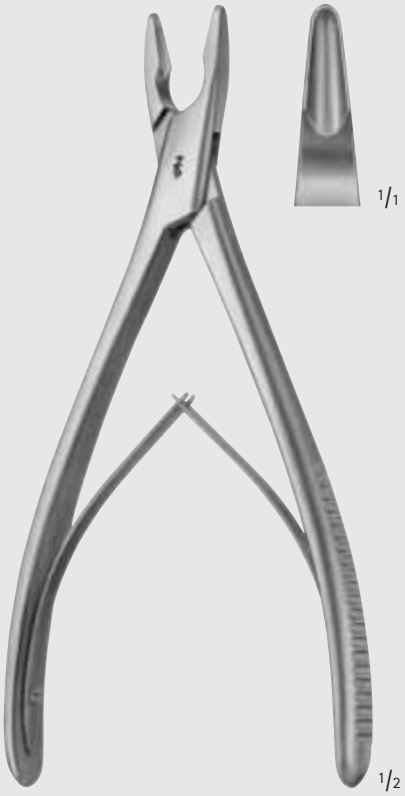
205 mm, 8"



NORTHFIELD

FO474R

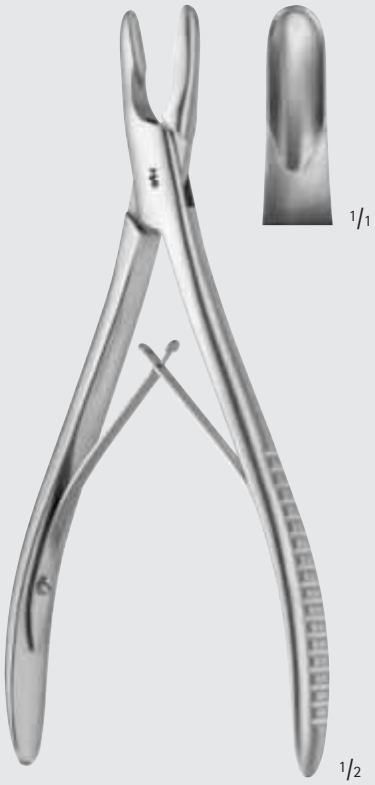
210 mm, 8 1/4"



PENNYBACKER

FO475R

205 mm, 8"



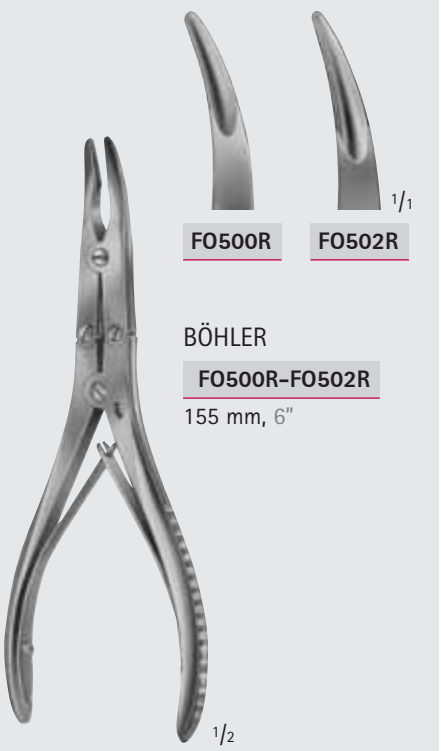
ADSON

MD615

200 mm, 8"

Knochenhaltezangen, Hohlmeißelzangen – Bone Holding Forceps, Bone Rongeurs

Hohlmeißelzangen
Bone Rongeurs



FO500R **FO502R**

BÖHLER

FO500R–FO502R

155 mm, 6"

MAYFIELD

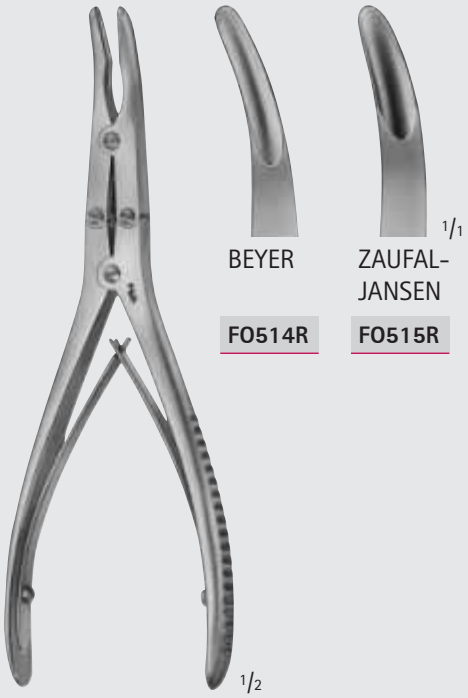
FO511R

175 mm, 7"

MARQUARDT

FO520R

200 mm, 8"



BEYER

FO514R

ZAUFAL-JANSEN

FO515R

FO514R–FO515R

180 mm, 7"

RUSKIN

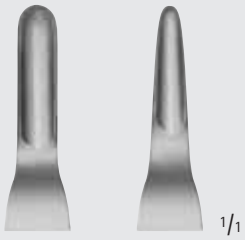
FO518R

190 mm, 7 1/2"

RÖTTGEN-RUSKIN

FO521R

240 mm, 9 1/2"



1/1

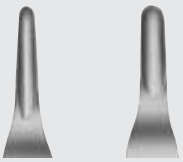
FO526R **FO527R**

1/2

LEKSELL

FO526R–FO527R

245 mm, 9 3/4"



1/1

FO522R **FO523R**

1/2

ECHLIN

FO522R–FO523R

230 mm, 9"

1/1

1/2

FRYKHOLM

FO525R

240 mm, 9 1/2"

Knochenhaltezangen, Hohlmeißelzangen – Bone Holding Forceps, Bone Rongeurs

Hohlmeißelzangen

Bone Rongeurs

STILLE

FO530R

230 mm, 9"

LEKSELL-STILLE

FO532R

240 mm, 9 1/2"

STILLE-RUSKIN

FO534R

240 mm, 9 1/2"

LUER-STILLE

FO550R

225 mm, 9"

LUER-STILLE

FO551R

225 mm, 9"

SYPERT

FG052R

360 mm, 14 1/2"

Knochenhaltezangen, Hohlmeißelzangen – Bone Holding Forceps, Bone Rongeurs

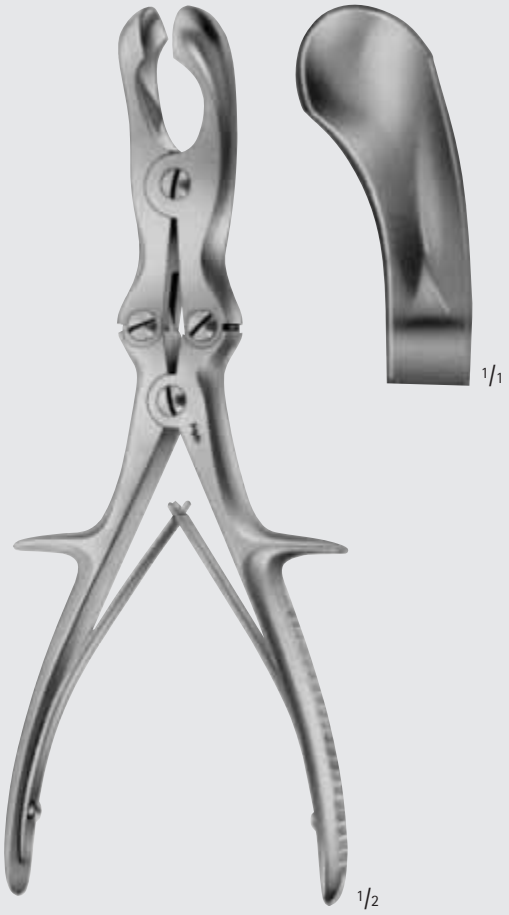
Hohlmeißelzangen

Bone Rongeurs

LUER-STILLE

FO566R

270 mm, 10 3/4"



SEMB

FO555R

240 mm, 9 1/2"

1/2

FO570R

FO572R

1/1

SAUERBRUCH-CORYLLOS

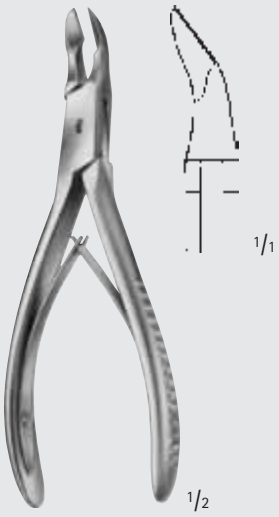
FO570R–FO572R

310 mm, 12 3/8"

Knochenhaltezangen, Hohlmeißelzangen – Bone Holding Forceps, Bone Rongeurs

Knochensplitterzangen

Bone Cutting Forceps



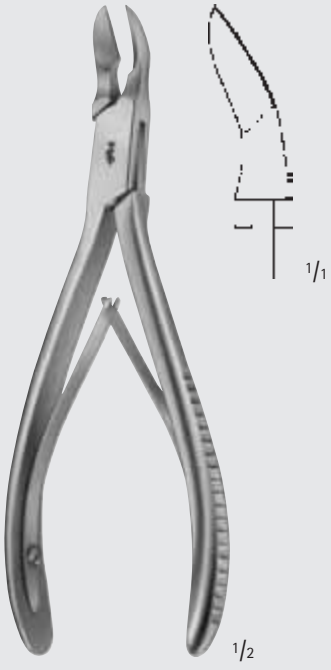
FO601R

130 mm, 5 1/8"

STAMM

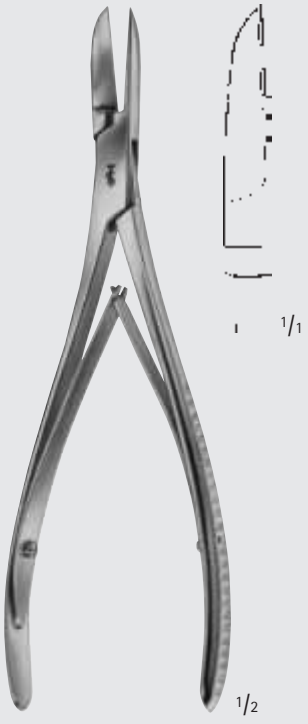
FO604R

150 mm, 6"



FO602R

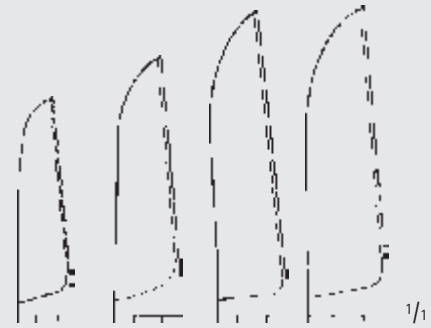
170 mm, 6 3/4"



KAZANJIAN

OK378R

185 mm, 7 1/2"

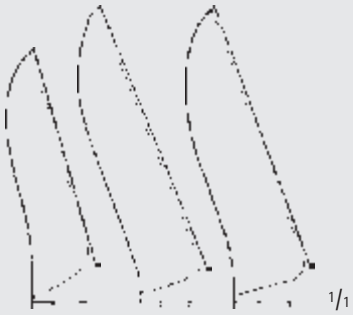


1/1

FO620R	FO622R	FO624R	FO626R
140 mm	170 mm	200 mm	220 mm
5 1/2"	6 3/4"	8"	8 3/4"

LISTON

FO620R–FO626R



1/1

FO632R	FO634R	FO636R
170 mm	200 mm	220 mm
6 3/4"	8"	8 3/4"

LISTON

FO632R–FO636R

Knochenhaltezangen, Hohlmeißelzangen – Bone Holding Forceps, Bone Rongeurs

Knochensplitterzangen

Bone Cutting Forceps

BÖHLER

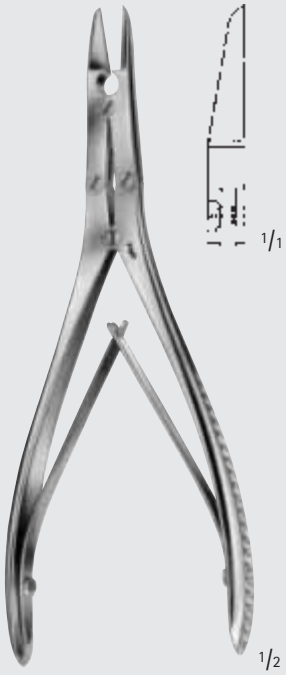
FO610R

145 mm, 5 3/4"

BÖHLER

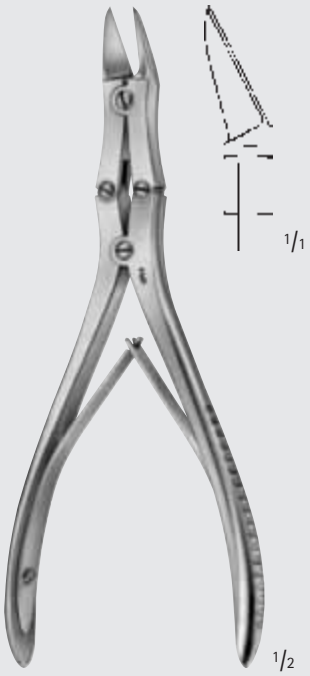
FO611R

145 mm, 5 3/4"



FO612R

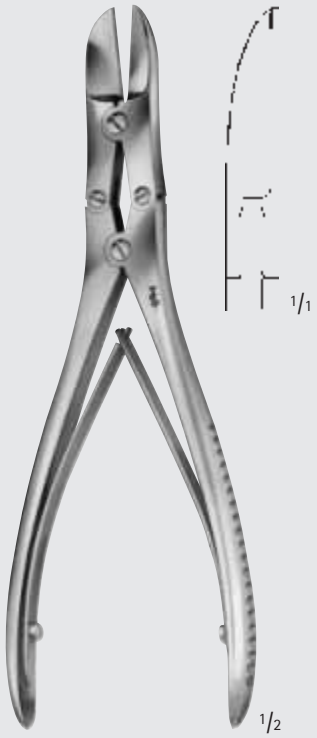
170 mm, 6 3/4"



MC INDOE

FO614R

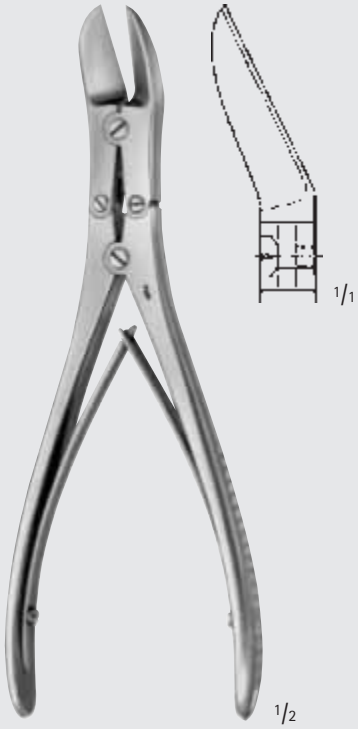
175 mm, 7"



RUSKIN-LISTON

FO640R

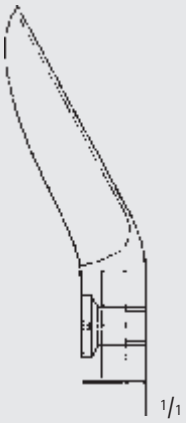
190 mm, 7 1/2"



RUSKIN-LISTON

FO641R

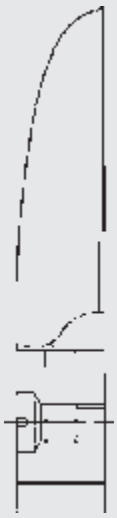
190 mm, 7 1/2"



LISTON

FO645R

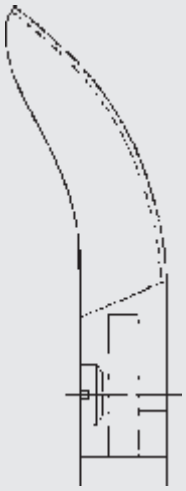
aufgebogen
curved on flat
240 mm, 9 1/2"



LISTON

FO646R

gerade
straight
280 mm, 11"



LISTON

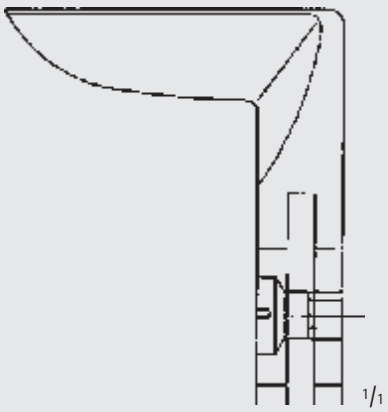
FO647R

aufgebogen
curved on flat
280 mm, 11"

Knochenhaltezangen, Hohlmeißelzangen – Bone Holding Forceps, Bone Rongeurs

Knochensplitterzangen

Bone Cutting Forceps



1/1

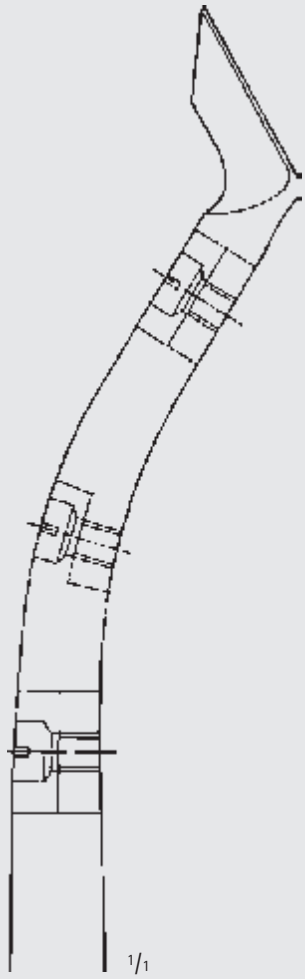
1/2

LISTON-STILLE

FO648R

265 mm, 10 1/2"

1/2



1/1

LISTON-KEY-HORSLEY
(TUDOR EDWARDS)

FO649R

255 mm, 10"

BIRCHER

FO800R

200 mm, 8"

BIRCHER

FO801R

200 mm, 8"

WELLER

FO807R

200 mm, 8"

BIRCHER-GANSKE

FO808R

200 mm, 8"

BIRCHER-GANSKE

FO810R

200 mm, 8"

MARTIN

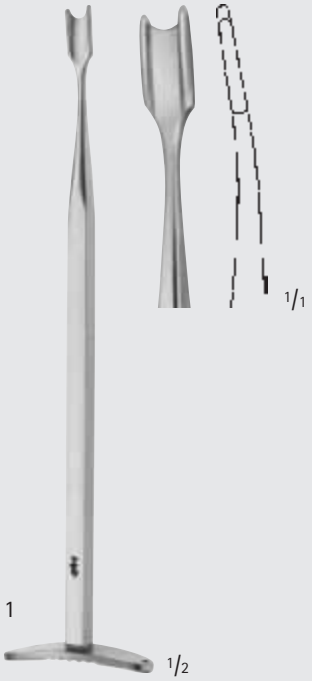
FO816R

205 mm, 8"

Knochenhaltezangen, Hohlmeißelzangen – Bone Holding Forceps, Bone Rongeurs

Meniskusmesser

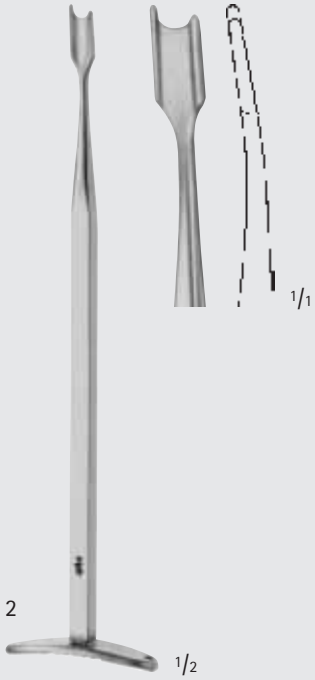
Meniscus Knives



SMILLIE

FO855R

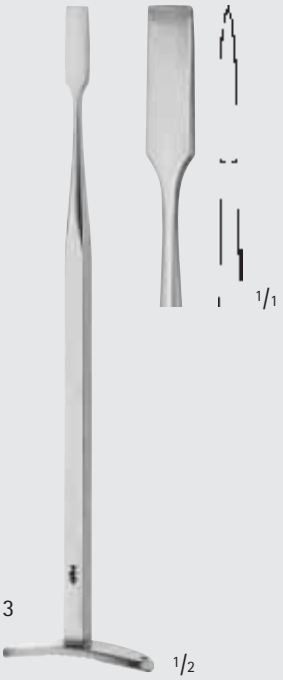
170 mm, 6 3/4"



SMILLIE

FO856R

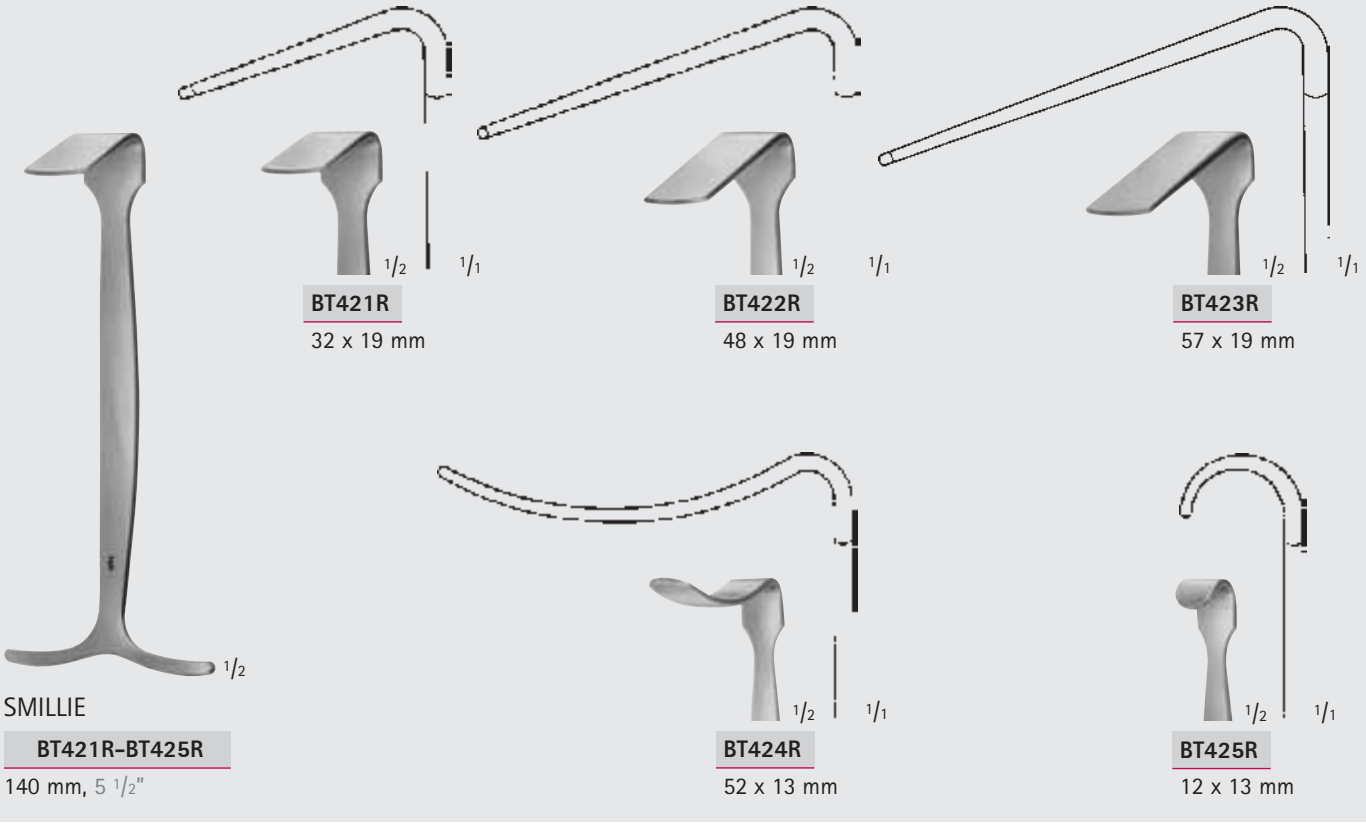
170 mm, 6 3/4"



SMILLIE

FO857R

170 mm, 6 3/4"



BT421R
32 x 19 mm

BT422R
48 x 19 mm

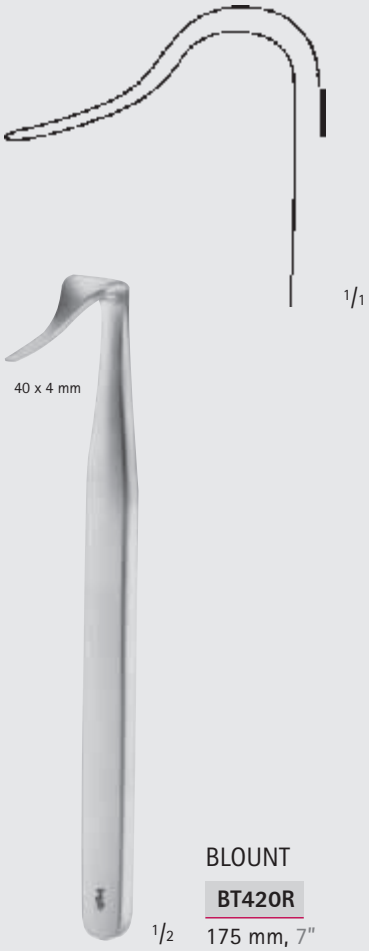
BT423R
57 x 19 mm

SMILLIE
BT421R–BT425R
140 mm, 5 1/2"

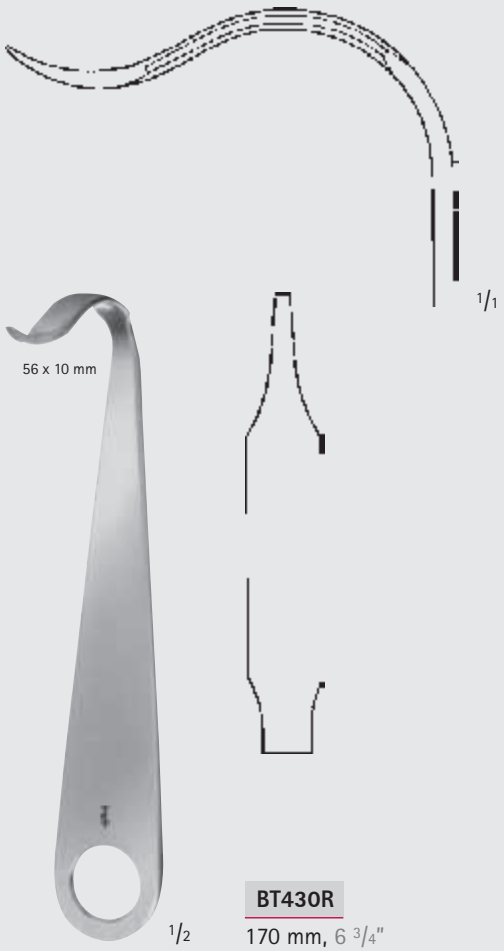
BT424R
52 x 13 mm

BT425R
12 x 13 mm

BT419R
225 mm, 9"



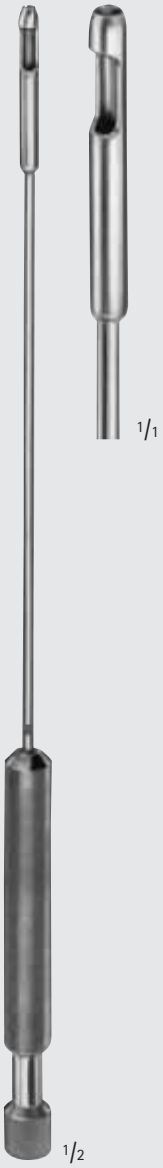
BLOUNT
BT420R
175 mm, 7"



BT430R
170 mm, 6 3/4"

Knochenhaltezangen, Hohlmeißelzangen – Bone Holding Forceps, Bone Rongeurs

Sehnenstripper
Tendon Strippers



Ø
diam.

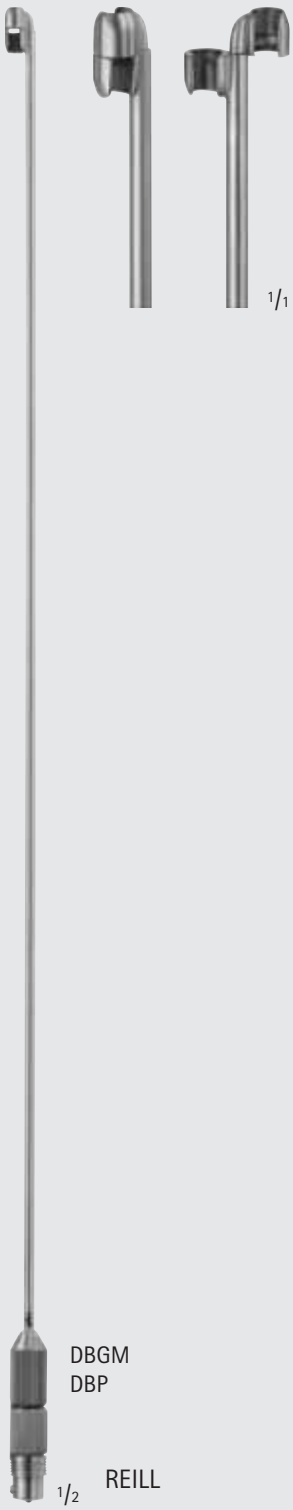
FO923R 3 mm

Sehnenstripper
Schaftlänge: 190 mm
Tendon stripper
Shaft length: 7 1/2"
300 mm, 11 1/2"

Ø
diam.

FO925R 5 mm

Sehnenstripper
Schaftlänge: 390 mm
Tendon stripper
Shaft length: 15 1/3"
495 mm, 19 1/2"



REILL

Ø
diam.

FO928R 4 mm
FO930R 6 mm

Sehnenstripper
Schaftlänge: 350 mm
Tendon stripper
Shaft length: 13 3/4"
395 mm, 15 1/2"

Zur Entnahme des Nervus suralis als Spendernerv zur Defektüberbrückung bei peripheren Nervenschäden.

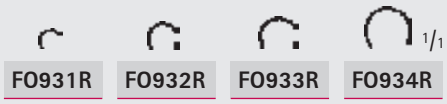
For sural nerve exision in autogenous nerve grafting.

ASSMUS

Ø
diam.

FD610R 3 mm

Nervenstripper, stumpf
Schaftlänge: 350 mm
Nerve stripper, blunt
Shaft length: 13 3/4"
395 mm, 15 1/2"



FO931R FO932R FO933R FO934R

BRUNNELL

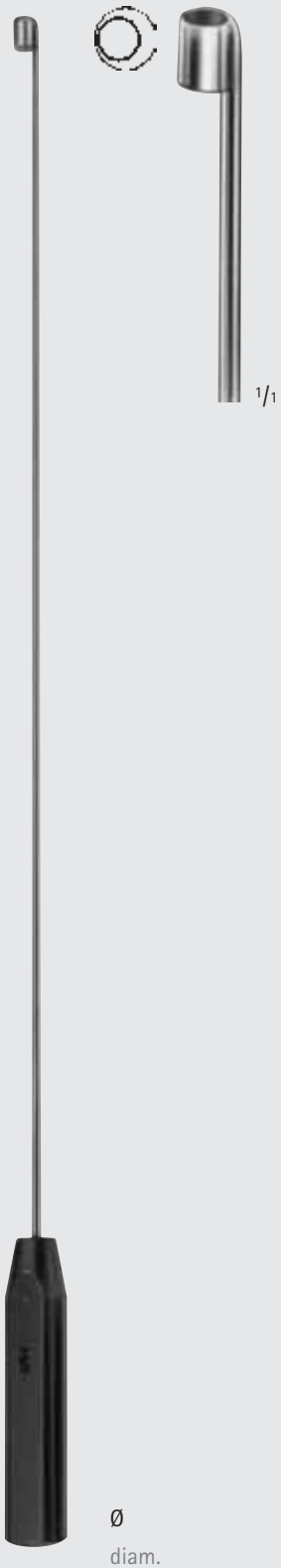
	Ø diam.
FO931R	2 mm
FO932R	3 mm
FO933R	4 mm
FO934R	6 mm

135 mm, 5 1/4"

FO935R FO937R

	Ø diam.
FO935R	3 mm
FO937R	5 mm

300 mm, 12"



	Ø diam.
FO939R	5 mm

500 mm, 19 1/2"

Knochenhaltezangen, Hohlmeißelzangen – Bone Holding Forceps, Bone Rongeurs

Sehnendurchziehsonden

Tendon Passing Probes

1/2

BUNNELL

FO940R

230 mm, 9"

1/2

Knopf-Ø

diam. of tip

BN034R 2,5 mm

145 mm, 5 3/4"

1/2

Knopf-Ø

diam. of tip

BN036R 2,5 mm

160 mm, 6 1/4"

1/2

Knopf-Ø

diam. of tip

BN040R 3,0 mm

200 mm, 8"

FO917A
Aluminium-Hand für Kinder
Aluminium hand for children

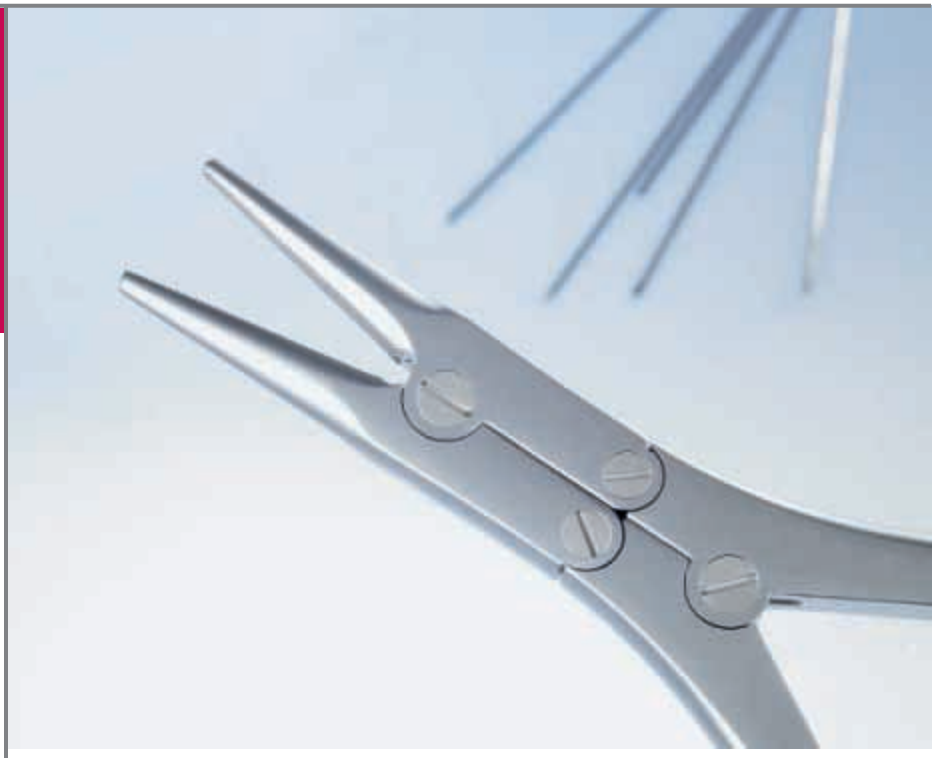
FO918A
Aluminium-Hand für Erwachsene
Aluminium hand for adults

FO912R
Handfixierplatte komplett mit 5 Fingerklammern
Hand fixation plate complete with 5 finger clips

FO913R
Fingerklammer zu F0912R
Fingerclip for F0912R

1
2
3
4
5
6
7
8
INCHES

LX



Drahtextension, Handbohrapparate, Ahlen, Pfrieme

Wire Extension, Hand Drills, Awls

Drahtextension – Wire extension

Handbohrapparat

Hand Drill

FF057R

Verlängerungsstück allein

Extension piece only

FF056R

Bogen allein

Brace only

HUDSON

FF055R

Handbohrapparat komplett, bestehend aus:

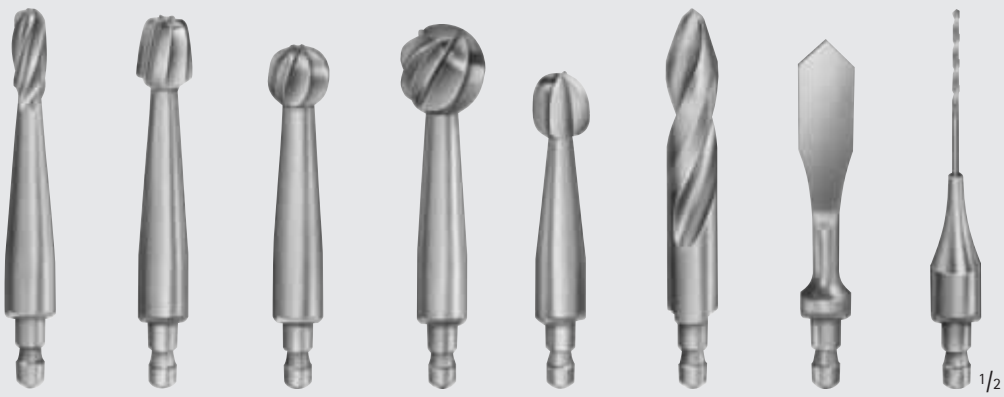
FF056R	Bogen
FF057R	Verlängerungsstück
FF061R	Fräser
FF062R	Fräser
FF063R	Fräser
FF064R	Fräser

Hand drill complete, consisting of:

FF056R	Brace
FF057R	Extension piece
FF061R	Burr
FF062R	Burr
FF063R	Burr
FF064R	Burr

Bohrer und Fräser auf dieser Seite passen auf FF056R und FF057R.
Achtung: Nicht passend für den Handbohrapparat HUDSON DOWNS auf Seite 1053.

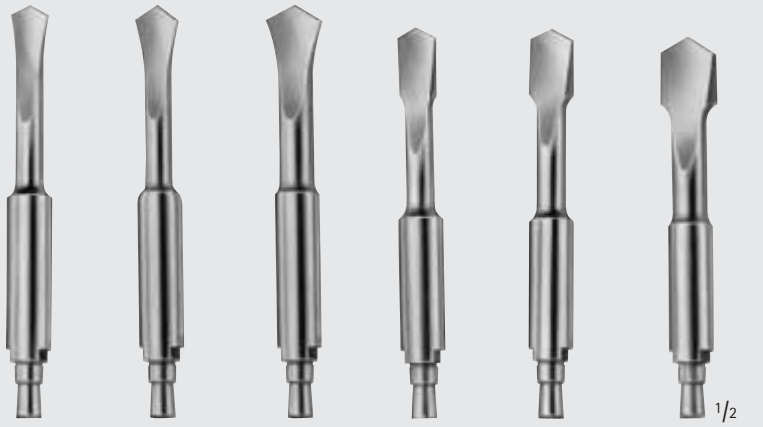
Perforators and burrs on this page fit onto FF056R and FF057R.
Attention: Does not fit onto the hand drill HUDSON DOWNS on page 1053.



HUDSON	HUDSON	HUDSON	HUDSON	ADSON	MC KENZIE	CUSHING	
FF061R	**FF062R**	**FF063R**	**FF064R**	**FF065R**	**FF066R**	**FF067R**	**FF068R**
Ø 9 mm	Ø 14 mm	Ø 16 mm	Ø 22 mm	Ø 15 mm	Ø 13 mm	Ø 14 mm	Ø 2 mm

HUDSON DOWNS
FF052R
Bogen
Brace

HUDSON DOWNS
FF053R
Verlängerungsstück
Extension piece



HUDSON DOWNS
FF031R
Ø 10 mm

HUDSON DOWNS
FF032R
Ø 12 mm

HUDSON DOWNS
FF033R
Ø 15 mm

HUDSON DOWNS (LEWIS)
FF034R
Ø 10 mm

HUDSON DOWNS (LEWIS)
FF035R
Ø 12 mm

HUDSON DOWNS (LEWIS)
FF036R
Ø 15 mm

Bohrer und Fräser auf dieser Seite passen auf FF052R und FF053R.
Achtung: Nicht passend für den Handbohrapparat HUDSON auf Seite 1052.

Perforators and burrs on this page fit FF052R and FF053R.
Attention: Does not fit onto the hand drill HUDSON on page 1052.

HUDSON DOWNS
FF037R
Ø 11 mm

HUDSON DOWNS
FF038R
Ø 13 mm

HUDSON DOWNS
FF039R
Ø 16 mm

HUDSON DOWNS
FF040R
Ø 11 mm

HUDSON DOWNS
FF041R
Ø 13 mm

HUDSON DOWNS
FF042R
Ø 16 mm

HUDSON DOWNS
FF043R
Ø 19 mm

HUDSON DOWNS
FF044R
Ø 22 mm

MC KENZIE
FF048R
Ø 16 mm

MC KENZIE
FF047R

Drahtextension – Wire extension

Handbohrapparate, Spiralbohrer
Hand Drills, Twist Drills

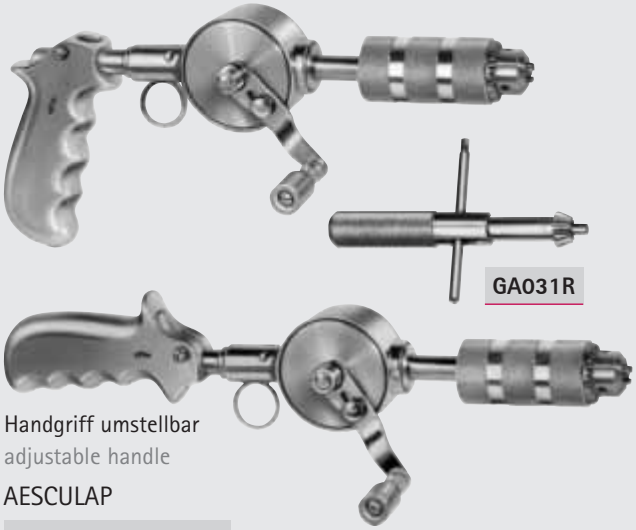
BUNNELL

FR005R

Bohrapparat, kleines Modell, längsdurchbohrt, für Spickdrähte, mit 3-Backen-Spannfutter für Schäfte bis Ø 4,0 mm.

Small hand drill, cannulated for KIRSCHNER wires, with 3-jaw chuck, to fit any size of shanks up to 4.0 mm diameter

160 mm, 6 1/4"



GA031R

Handgriff umstellbar
adjustable handle

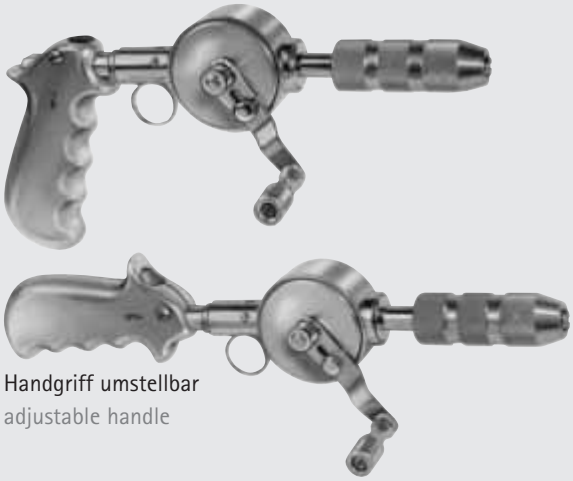
AESCULAP

FR011R

Handbohrapparat, wie FR010R, jedoch mit Original "Jacobs Chuck" (3-Backen-Spannfutter) und Spannschlüssel GA031R, Bedienung mit und ohne Spannschlüssel möglich.

Hand drill, stainless, as FR010R, but equipped with an original "Jacobs Chuck" and key GA031R. Can be used with or without the key.

280 mm, 11"



Handgriff umstellbar
adjustable handle

AESCULAP

FR010R

Handbohrapparat, nichtrostend, mit schlüssellosem 3-Backen-Spannfutter für Schäfte bis Ø 6,35 mm.
Spindel ist längsdurchbohrt zum Einspannen von Bohrdrähten n. KIRSCHNER. Mit Stoppvorrichtung für Kurbel während dem Spannen.

Hand drill, stainless, with 3-jaw chuck, to fit any size of shanks up to 6.35 mm diameter, no key needed. Cannulated spindle to fit KIRSCHNER wire drills. With stop device, for locking the spindle and crank when fitting and changing drills.

260 mm, 10 1/4"

1/2

Ø diam	3-Kant-Schaft Triangular shaft	Länge* mm Length* mm	Rundschaft Round shaft	Länge* mm Length* mm
1,0 mm				
1,5 mm			**GC002R**	70/40 mm
2,0 mm			**GC004R**	100/50 mm
2,5 mm	**GC391R**	175/135 mm	**GC006R**	100/50 mm
2,8 mm			**GC007R**	100/50 mm
3,0 mm			**GC008R**	100/60 mm
3,2 mm			**GC009R**	100/60 mm
3,5 mm	**GC395R**	210/170 mm	**GC010R**	100/60 mm
4,0 mm			**GC012R**	110/70 mm
4,5 mm	**GC397R**	210/170 mm	**GC013R**	150/80 mm
5,0 mm			**GC014R**	160/90 mm
6,0 mm			**GC016R**	160/90 mm

*Gesamtlänge/Nutzlänge

*Total length/Usable length

1/2

CHAMPIONNIÈRE

FR110R

Knochenbohrer

Bone drill

170 mm, 6 3/4"

1/2

FR118R

Reibahle

Reamer (Awl)

150 mm, 6"

1/2

FR120R

Reibahle

Reamer (Awl)

180 mm, 7"

1/2

PERTHES

FR125R

Reibahle

Reamer (Awl)

215 mm, 8 1/2"

Drahtextension – Wire extension

Unterbindungsnadeln
Ligature Needles

OBWEGESER

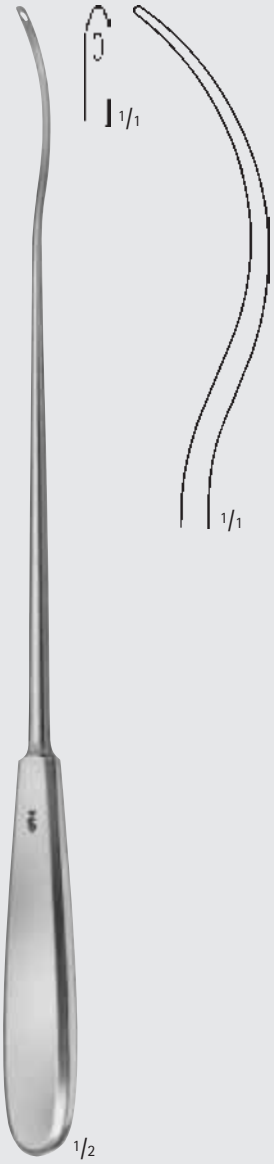
DO811R

230 mm, 9"

OBWEGESER

DO812R

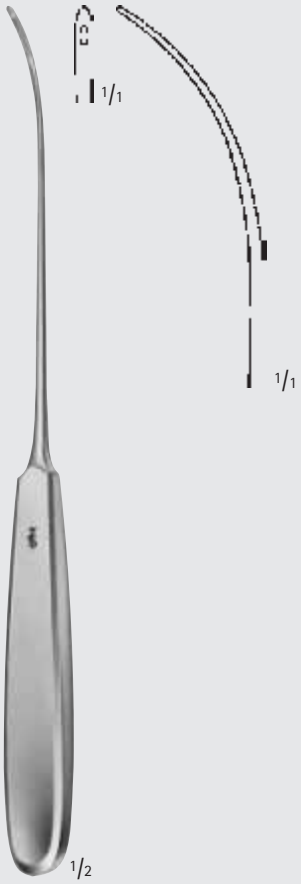
195 mm, 7 3/4"



BRUNNER

BM831R

300 mm, 12"



BM861R

biegsam

malleable

230 mm, 9"

Auch sehr gut geeignet zum Freilegen von abgebrochenen Knochenschrauben.
Can also be used for removal of broken bone screws.

1/2

1/1

FR140R
Innen-Ø 3,9 mm
Außen-Ø 5 mm
inside-diam. 3.9 mm
outside-diam. 5 mm

1/1

FR141R
Innen-Ø 6,4 mm
Außen-Ø 8 mm
inside-diam. 6.4 mm
outside-diam. 8 mm

FR140R–FR141R
Knochenbiopsie-Instrument
Hollow mills (bone biopsy trephine)
160 mm, 6 1/4"

1/2

1/1

Innen-Ø 6,7 mm
Außen-Ø 8,7 mm
inside-diam. 6.7 mm
outside-diam. 8.7 mm

R.N.O.H.

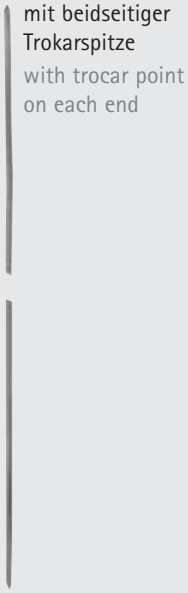
FR142R
Knochenbiopsie-Instrument
Bone biopsy trephine
195 mm, 7 3/4"

Drahtextension – Wire extension

Drahtextension
Wire Extension

Implantatwerkstoff: Nichtrostender Stahl nach DIN 17 443 bzw. ISO 5832/I (AISI 316 L)

Material used for implants: stainless steel acc. to DIN 17 443 resp. ISO 5832/I (AISI 316 L)

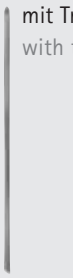


mit beidseitiger Trokarspitze
with trocar point on each end

KIRSCHNER

LX901S–LX957S

Ø diam.	102 mm 4"	127 mm 5"	152 mm 6"	229 mm 9"	305 mm 12"
0,8 mm	**LX901S**	**LX902S**			
0,9 mm	**LX911S**	**LX912S**	**LX913S**	**LX915S**	**LX917S**
1,0 mm					
1,1 mm	**LX921S**	**LX922S**	**LX923S**	**LX925S**	**LX927S**
1,2 mm					
1,4 mm					
1,5 mm					
1,6 mm	**LX951S**	**LX952S**	**LX953S**	**LX955S**	**LX957S**
1,7 mm					
1,8 mm					
2,0 mm					
2,2 mm					
2,5 mm					
3,0 mm					



mit Trokarspitze
with trocar point

mit flachem Ende
with flat shaft

KIRSCHNER

LX008S–LX025S

310 mm, 12"

Ø diam.	
0,8 mm	**LX008S**
0,9 mm	
1,0 mm	**LX010S**
1,1 mm	
1,2 mm	**LX012S**
1,4 mm	**LX014S**
1,5 mm	**LX015S**
1,6 mm	**LX016S**
1,7 mm	**LX017S**
1,8 mm	**LX018S**
2,0 mm	**LX020S**
2,2 mm	**LX022S**
2,5 mm	**LX025S**
3,0 mm	

mit Trokarspitze
with trocar point

mit rundem Ende
with round shaft

KIRSCHNER

LX030S–LX047S

Form nach DIN 58 823
Type acc. to DIN 58 823
310 mm, 12"

Ø diam.	
0,8 mm	**LX030S**
0,9 mm	
1,0 mm	
1,1 mm	
1,2 mm	**LX032S**
1,4 mm	**LX034S**
1,5 mm	**LX035S**
1,6 mm	**LX036S**
1,7 mm	
1,8 mm	**LX038S**
2,0 mm	**LX040S**
2,2 mm	**LX042S**
2,5 mm	**LX045S**
3,0 mm	**LX047S**

Bestelleinheit: **PAK** = Packung à 10 Stück
Sales unit: Package of 10 pieces

Implantatwerkstoff: Nichtrostender Stahl nach DIN 17 443 bzw. ISO 5832/I (AISI 316 L)

Material used for implants: stainless steel acc. to DIN 17 443 resp. ISO 5832/I (AISI 316 L)

mit Trokarspitze
with trocar point

mit rundem Ende
with round shaft

KIRSCHNER

LX098S–LX100S

70 mm, 2 3/4"

Ø diam.	
0,8 mm	**LX098S**
1,0 mm	**LX100S**
1,2 mm	
1,4 mm	
1,5 mm	
1,6 mm	
1,7 mm	
1,8 mm	
2,0 mm	
2,2 mm	
2,5 mm	
3,0 mm	

mit Trokarspitze
with trocar point

mit flachem Ende
with flat shaft

KIRSCHNER

LX108S–LX125S

Form nach DIN 58 823
Type acc. to DIN 58 823
150 mm, 6"

Ø diam.	
0,8 mm	**LX108S**
1,0 mm	**LX110S**
1,2 mm	**LX112S**
1,4 mm	**LX114S**
1,5 mm	**LX115S**
1,6 mm	**LX116S**
1,7 mm	**LX117S**
1,8 mm	**LX118S**
2,0 mm	**LX120S**
2,2 mm	**LX122S**
2,5 mm	**LX125S**
3,0 mm	

mit Trokarspitze
with trocar point

mit rundem Ende
with round shaft

KIRSCHNER

LX128S–LX146S

Form nach DIN 58 823
Type acc. to DIN 58 823
150 mm, 6"

Ø diam.	
0,8 mm	**LX128S**
1,0 mm	**LX130S**
1,2 mm	**LX132S**
1,4 mm	**LX134S**
1,5 mm	**LX135S**
1,6 mm	**LX136S**
1,7 mm	**LX137S**
1,8 mm	**LX138S**
2,0 mm	**LX140S**
2,2 mm	**LX142S**
2,5 mm	**LX145S**
3,0 mm	**LX146S**

Biegeinstrumente für Bohrdrähte
Bending iron for boring wires

1/2

LX175S

bis Ø 2,7 mm
up to 2.7 mm diam.
120 mm, 4 3/4"

Dampfsterilisierbar bis 143 °C (3 bar)
Can be sterilized in a steam sterilizer up to 143 °C (3 bar)

1/2

WAGNER

LX180S

bis Ø 3,0 mm
up to 3.0 mm diam.
300 mm, 12"

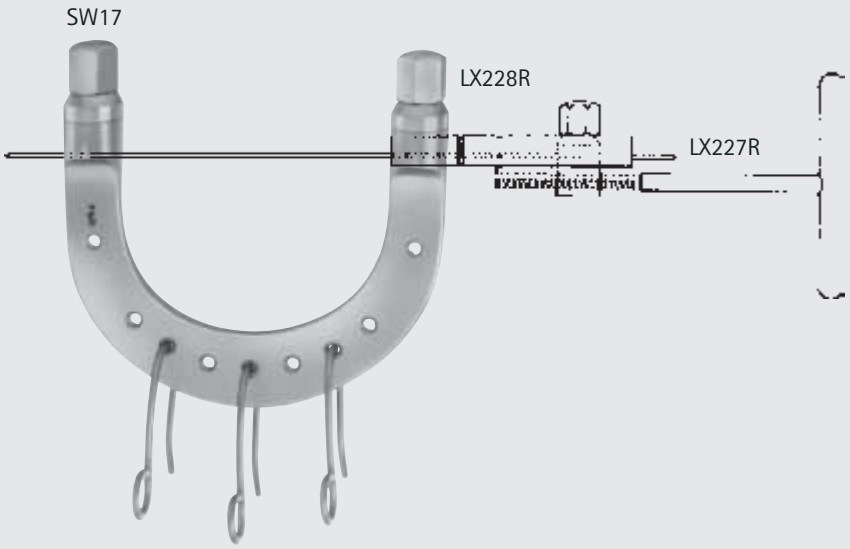
Bestelleinheit: **PAK** = Packung à 10 Stück
Sales unit: Package of 10 pieces

LX002R 170 x 92 x 25 mm

Sortiergestell für Fingerdrähte bis max. 165 mm Länge, mit Kontroll-Lehre und Unterteilungen für Drähte mit 1,0 - 1,2 - 1,4 - 1,6 - 1,8 und 2,0 mm Ø.
Sterilizing rack for finger wires up to max. 165 mm long, with measuring scale and compartments for wires with 1.0, 1.2, 1.4, 1.6, 1.8 and 2.0 mm diam.

Drahtextension – Wire extension

Drahtextension
Wire Extension



KIRSCHNER

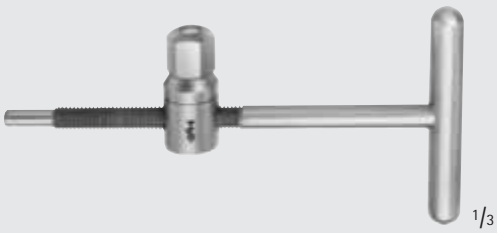
LX211R–LX218R

Extensionsbügel, zur Verwendung mit KIRSCHNER-Drähten bis Ø 2,5 mm, mit 3 Zughaken, aus nichtrostendem Stahl
Wire traction bows, to be used with KIRSCHNER-wires up to 2.5 mm diam., with 3 hooks, stainless steel

	Lichte Maße Inside dimensions			
	Weite Width	Tiefe Depth		
LX211R	200 mm, 8"	155 mm, 6"	für die Hüfte	for the hip
LX212R	155 mm, 6"	155 mm, 6"	für den Oberschenkel	for the femur
LX213R	135 mm, 5 1/4"	130 mm, 5 1/8"	für das Knie	for the knee
LX214R	120 mm, 4 3/4"	120 mm, 4 3/4"	für das Knie	for the knee
LX215R	105 mm, 4 1/8"	100 mm, 4"	für das Knie	for the knee
LX216R	95 mm, 3 3/4"	110 mm, 4 3/8"	für das Fersenbein	for the calcaneus
LX218R	95 mm, 3 3/4"	70 mm, 2 3/4"	für den Arm und Ellenbogen	for the arm and elbow

LX225C

Spannschlüssel für Extensionsbügel LX211R - LX242R
Wrench, double-ended, for wire traction bows LX211R - LX242R



LX227R

Spannschlüssel mit Klemmbacke, zum Spannen des Drahtes
Wire tightener with clamping jaws

LX222R

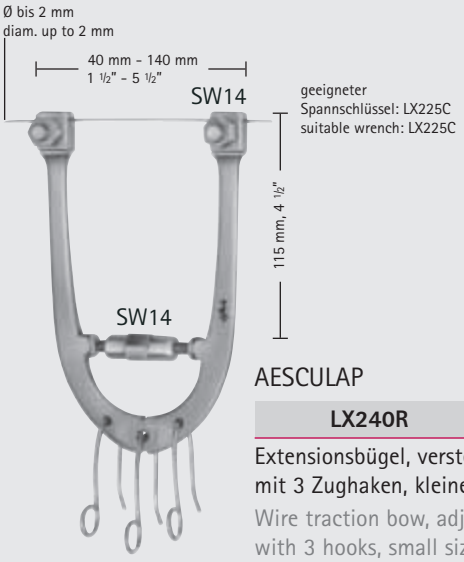
Zughaken allein, großes Modell
Traction hook only, large size

LX223R

Zughaken allein, kleines Modell
Traction hook only, small size

LX228R

Fixierschlüssel zum Festhalten der Klemmschraube am Spannschlüssel LX227R
Fixation clamp, to secure clamping jaw of LX227R, stainless steel

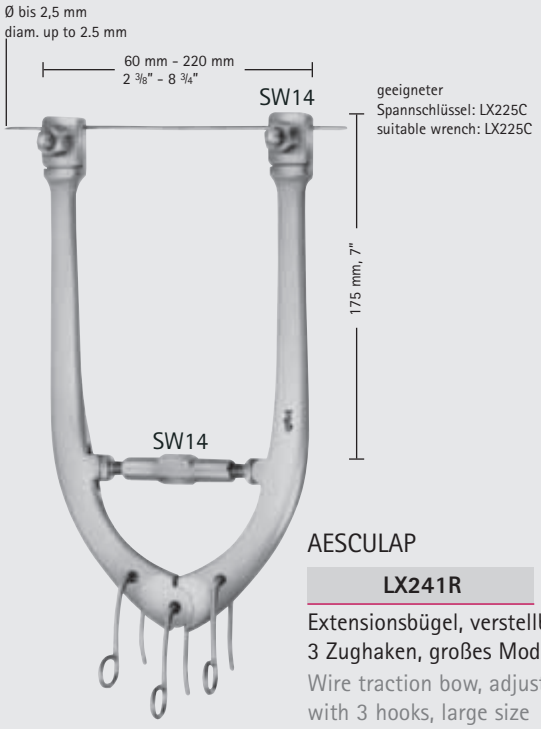


AESCULAP

LX240R

Extensionsbügel, verstellbar,
mit 3 Zughaken, kleines Modell

Wire traction bow, adjustable,
with 3 hooks, small size



AESCULAP

LX241R

Extensionsbügel, verstellbar, mit
3 Zughaken, großes Modell

Wire traction bow, adjustable,
with 3 hooks, large size

LX265C

Begrenzungsplatte mit Schlitz

Fixation disc, slotted

LX267R

Fixierscheibe (Begrenzungsplatte)

Fixation disc, slotted

LX266

Begrenzungsplatte mit Schlitz,
röntgendurchlässig aus Aluminium

Fixation disc, slotted idem, aluminium,
transparent to X-rays

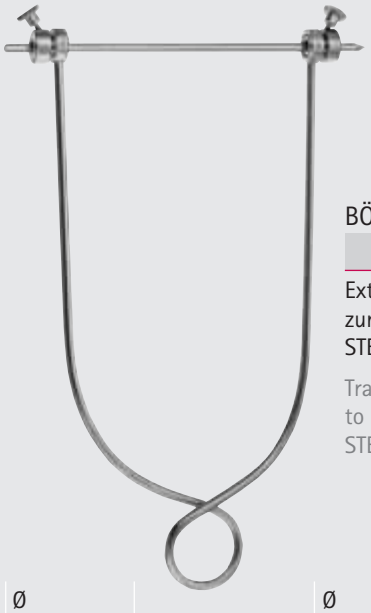
LX269R

Schraubenzieher für Fixierscheiben

Screw driver for above fixation discs

Drahtextension – Wire extension

Extensionsbügel, Distraktor
Traction Bows, Distractor



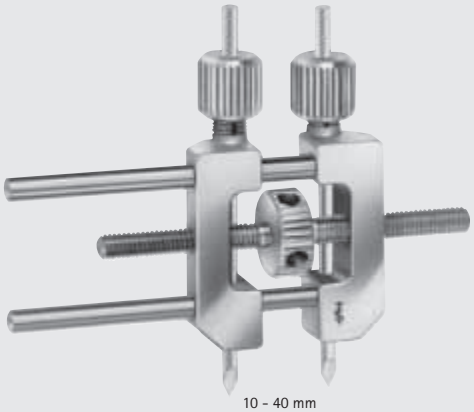
BÖHLER

LX204R–LX209R

Extensionsbügel,
zur Verwendung von
STEINMANN-Nägeln

Traction bows,
to be used with
STEINMANN pins

Ø diam. 4 mm		Ø diam. 5 mm		lichte Weite inside width	für for
LX204R	mit Nagel KX115S with pin KX115S			16 x 9 cm 6 1/4" x 3 1/2"	Arm arm
LX205R	ohne Nagel without pin	**LX235R**	ohne Nagel without pin	16 x 9 cm 6 1/4" x 3 1/2"	Arm arm
LX206R	mit Nagel KX118S with pin KX118S			21 x 11 cm 8 1/4" x 4 3/8"	Oberschenkel und Knie femur and knee
LX207R	ohne Nagel without pin	**LX237R**	ohne Nagel without pin	21 x 11 cm 8 1/4" x 4 3/8"	Oberschenkel und Knie femur and knee
LX208R	mit Nagel KX121S with pin KX121S			21 x 15 cm 8 1/4" x 6"	Oberschenkel und Knie femur and knee
LX209R	ohne Nagel without pin			21 x 15 cm 8 1/4" x 6"	Oberschenkel und Knie femur and knee



10 - 40 mm

LX310R

Kleiner Distraktor,
zum Distrahieren und Komprimieren von
kleinen Knochen, für Bohrdrähte Ø 3,0 mm

Small distractor,
as a repositioning device for distraction and compression of small bones, for wires with 3.0 mm diam.

Implantatwerkstoff: Nichtrostender Stahl nach DIN 17 443 bzw. ISO 5832/I (AISI 316 L)

Material used for implants: stainless steel acc. to DIN 17 443 resp. ISO 5832/I (AISI 316 L)

Länge length	Ø diam. 4 mm	Ø diam. 5 mm
80 mm	**KX108S**	
100 mm	**KX110S**	
120 mm	**KX112S**	
140 mm	**KX114S**	
150 mm	**KX115S**	**KX245S**
160 mm	**KX116S**	
180 mm	**KX118S**	**KX248S**
200 mm	**KX120S**	**KX250S**
210 mm	**KX121S**	
250 mm	**KX125S**	**KX255S**
300 mm		**KX260S**

STEINMANN

KX108S–KX260S

mit 3-Kant-Schaft und Trokarspitze
Form C nach DIN 58 824

mit 3-Kant-Schaft und Trokarspitze
Form C nach DIN 58 824

1/1

KX262

Schutzkappe
für STEINMANN-Nägel, Ø 4 mm

Protection cap
for STEINMANN pins, diam. 4 mm

1/1

KX261

Schutzkappe
für STEINMANN-Nägel, Ø 5 mm

Protection cap
for STEINMANN pins, diam. 5 mm

Drahtextension – Wire extension

Handbohrfutter
Drilling Chucks

1/2

FR105R

Handbohrfutter, längsdurchbohrt,
Spannweite 0,8 - 2,0 mm Ø

Drilling chuck, cannulated,
for shanks from
0.8 mm - 2.0 mm diam.

150 mm, 6"

1/2

FR103R

Handbohrfutter, längsdurchbohrt,
Spannweite bis 4,5 mm Ø, mit
Spannschlüssel GA062R

Drilling chuck, cannulated, for shanks
up to 4.5 mm diam., with key GA062R

140 mm, 5 1/2"

Spannbacken aus
Implantatwerkstoff

Chuck jaws made of material
used for implants

1/2

LX202S

Handbohrfutter, längsdurchbohrt,
Spannweite bis 6,35 mm Ø,
von Hand zu spannen

Drilling chuck, cannulated,
for shanks up to 6.35 mm diam.,
to be tightened by hand

100 mm, 4"

1/2

LX210R

Handbohrfutter, längsdurchbohrt,
Spannweite bis 4,5 mm Ø und für
3-Kant-Schaft SW 4,7 (SCHANZsche
Schrauben, STEINMANN Nägel), mit
Spannschlüssel GA062R

Drilling chuck, cannulated, for
shanks up to 4.5 mm diam. and for
triangular shaft width across flats
4.7 mm (SCHANZ screws,
STEINMANN pins), with key GA062R

1/2

LX203R

Handbohrfutter, längsdurchbohrt,
Spannweite bis 6,35 mm Ø, mit
Spannschlüssel GA031R

Drilling chuck, cannulated, for
shanks up to 6.35 mm diam.,
with key GA031R

160 mm, 6 1/4"

INCHES

KY002S-KY015S

Draht, weich, gewebeverträglich, in Ringen zu 10 m
Implantatwerkstoff: Nichtrostender Stahl nach DIN 17 443 bzw. ISO 5832/I grade B (AISI 316 LVM)
Wire, soft, tissue compatible, in coils of 10 m
Material used for implants: stainless steel acc. to DIN 17 443 resp. ISO 5832/I grade B (AISI 316 LVM

Ø	diam.	0,2 mm	0,3 mm	0,4 mm	0,5 mm	0,6 mm	0,7 mm	0,8 mm	0,9 mm	1,0 mm	1,2 mm	1,5 mm
		KY002S	**KY003S**	**KY004S**	**KY005S**	**KY006S**	**KY007S**	**KY008S**	**KY009S**	**KY010S**	**KY012S**	**KY015S**
Gauge		35	30	27	25	23	22	21	20	19	18	17

1/1

ORMROD-SCHMITT

KY100S

Ligaturplättchen
Ligature disc
Implantatwerkstoff: Nichtrostender Stahl nach DIN 17 443 bzw. ISO 5832/I grade B (AISI 316 LVM)
Material used for implants: stainless steel acc. to DIN 17 443 resp. ISO 5832/I grade B (AISI 316 LVM)

1/2

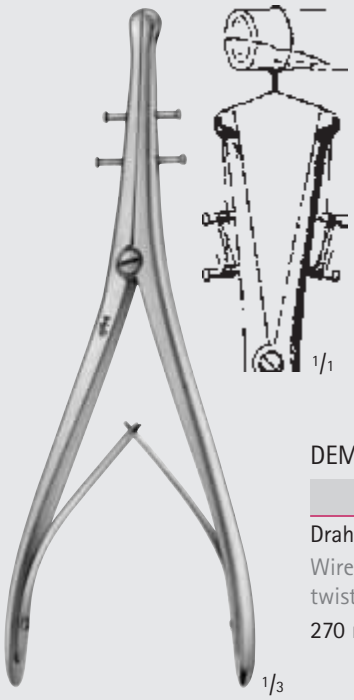
1/1

Spannbuchse aus **Implantatwerkstoff,** drehbar gelagerte Kopfscheibe.
Die drehbar gelagerte Kopfscheibe dreht sich während des Quirlvorgangs nicht mit.
Dadurch wird ein Abscheren des Cerclage-Drahts vermieden.
Movable tip made of **material used for implants.**
While twisting the movable head remains stable, therefore the wire will not slip off.

LOUTE

KY220S

Drahtspanner, verbessertes Modell, mit an der Spitze eingebauter beweglicher Drahtspannbuchse für Draht bis 1,0 mm Ø
Wire tightener, improved pattern, with movable tip, for wires up to 1.0 mm diam.
220 mm, 8 3/4"


1/3

1/1

DEMEL

KY225R

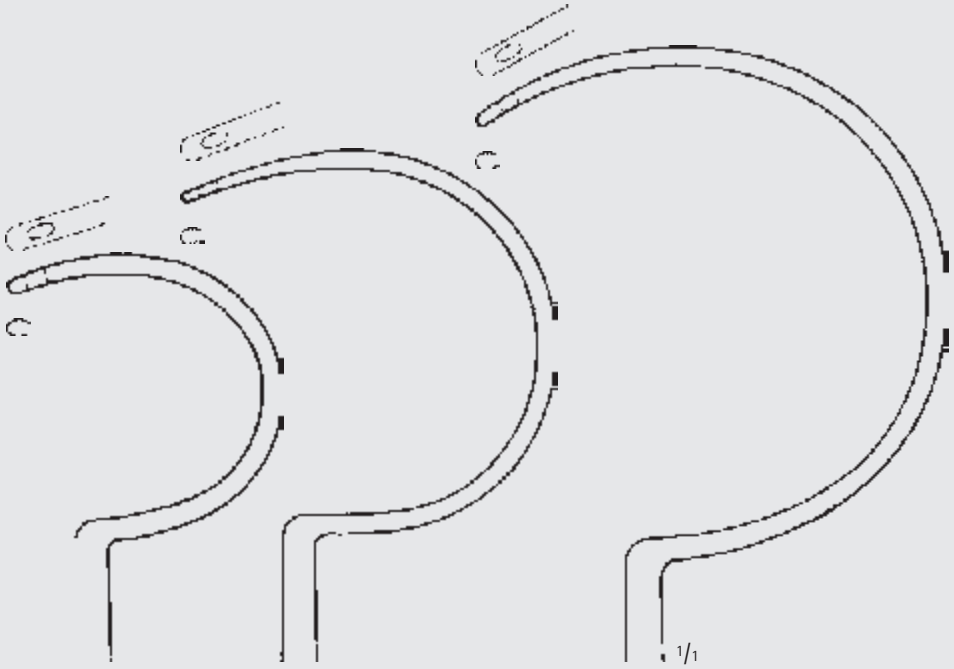
Drahtspannzange
Wire tightening- and twisting forceps
270 mm, 10 3/4"

Drahtextension – Wire extension

Cerclage-Instrumente

Cerclage Instruments

DEMEL



KY201R
275 mm
10 3/4"

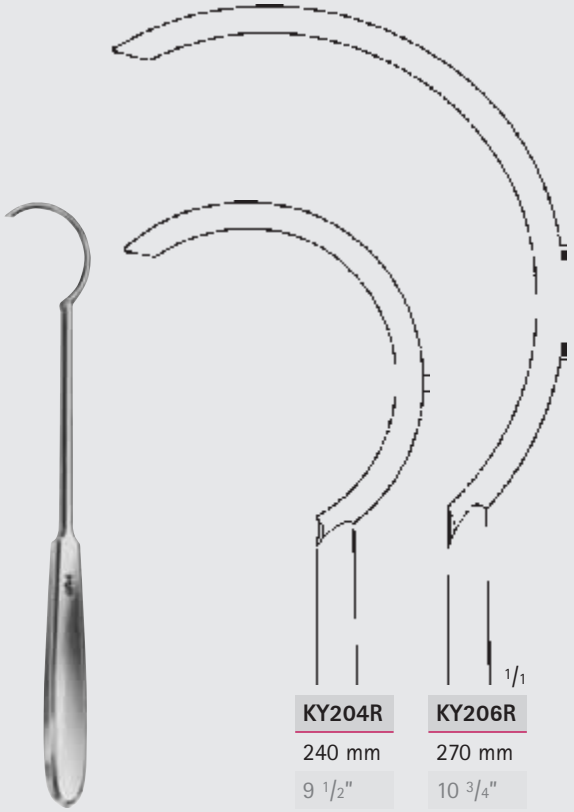
KY202R
285 mm
11 1/4"

KY203R
305 mm
12"

KY201R–KY203R

Drahtumführungsnadeln

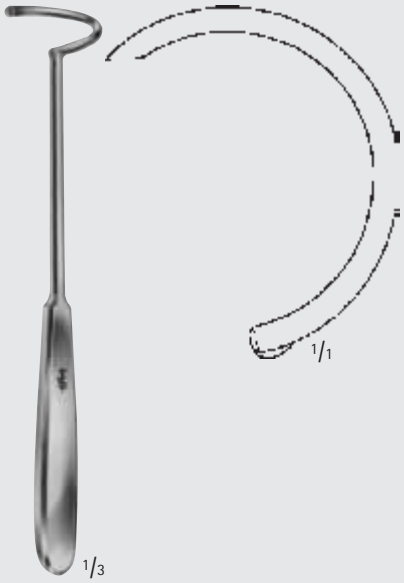
Wire guides



KY204R
240 mm
9 1/2"

KY206R
270 mm
10 3/4"

KY204R–KY206R



KY205R

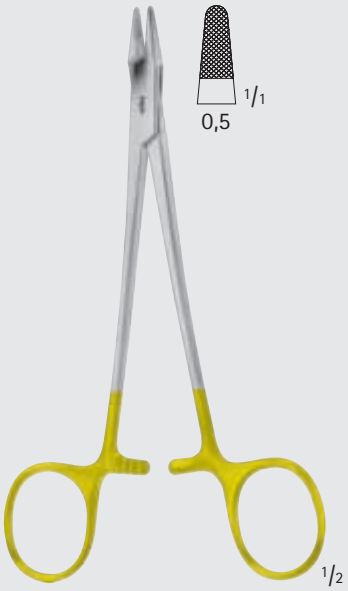
225 mm, 9"

LX176R

Drahtfasszange mit seitlichen Backen gegen Abrutschen des Drahtes

Holding forceps for cerclage wire, with lateral jaws to avoid wire slipping off

170 mm, 6 3/4"



BM110R

Drahtspannzange, Ligaturzange

Wire twister, Ligature forceps

150 mm, 6"

BM111R

Drahtspannzange, Ligaturzange

Wire twister, Ligature forceps

150 mm, 6"

BAUMGARTNER

BM112R

Drahtspannzange, Ligaturzange

Wire twister, Ligature forceps

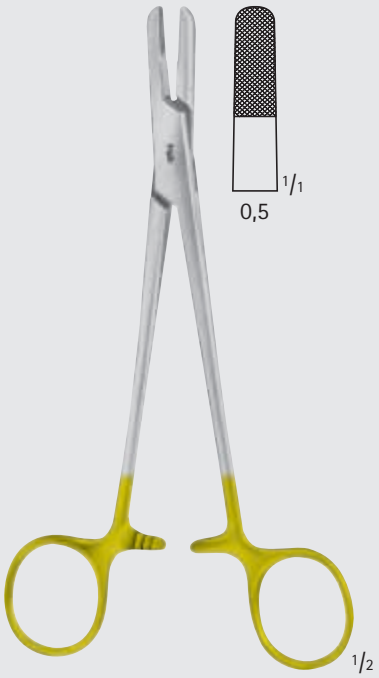
200 mm, 8"

Drahtextension – Wire extension

Drahtspannzangen, Drahtschneidezangen

Wire Twisters, Wire Cutting Scissors

mit Hartmetallbacken
with hard metal inserts



BM113R

für die Sternumnaht
for sternum suture
175 mm, 7"

BERRY

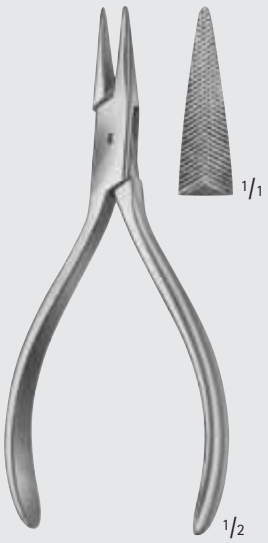
MD456R

Drahtspannzange,
Ligaturzange
Wire twister, ligature forceps
185 mm, 7 1/4"

spezialvergütete Schneiden
specially hardened
cutting edges

LX149R

abgewinkelte schlanke Form zur Drahtentfernung
(für weichen Draht bis Ø 0,9 mm) nach Sternumnaht
angled slender pattern for wire removal
(for soft wire up to diam. 0.9 mm) after sternum suture
170 mm, 6 3/4"



MARBURG MODELL

DP031R

beidseitig kariert
with serrated jaws
140 mm, 5 1/2"

GOSLEE

DP035R

eine Seite kariert,
eine Seite glatt
one jaw smooth,
one jaw serrated
140 mm, 5 1/2"

LX170R

LX171R

LX170R

mit gerieften Backen
with serrated jaws

LX171R

mit Längs- und Querrillen
with longitudinal and
transversal grooves
170 mm, 6 3/4"

LX172R

190 mm, 7 1/2"

Drahtextension – Wire extension

Drahtfasszangen, Flachzangen

Wire Holding Forceps, Flat-Nosed Pliers

Die als Fräsbacken gearbeiteten Maulenden ermöglichen es, Drahtenden freizulegen. Maulprofile gewährleisten absolut sicheres Fassen der Drahtenden.

Exposure of grown-in wire ends is possible due to milling ends of the jaws. Profiles of the jaws guarantee absolutely safe gripping of the wire ends.

LX177R
130 mm
5 1/8"

LX178R
180 mm
7"

LX177R–LX178R
Extraktionszangen für Bohrdrähte
Extraction pliers for boring wires

LX189R
Parallel-Flachzange
Flat-nosed pliers, parallel
185 mm, 7 1/4"

MB576R
195 mm, 7 3/4"

LX174R
Tonnenzange
Vise grip
200 mm, 8"

1/1

LX181R | **LX181R** | **LX185R** | **LX182R** | **LX183R**

	180 mm	145 mm	180 mm	180 mm
	7"	5 3/4"	7"	7"

Rundzange
Round pliers

Extraktionszangen für Bohrdrähte
Extraction pliers for wires

LX181R–LX185R

1/1

1/2

LX190R

Biegezange für Spickdrähte bis 1,8 mm Ø
Bending pliers for wires up to 1.8 mm diam.

Drahtextension – Wire extension

Drahtschneidezangen und -Scheren
Wire Cutters and Wire Cutting Scissors

ANGLE

DP540R

130 mm, 5 1/8"

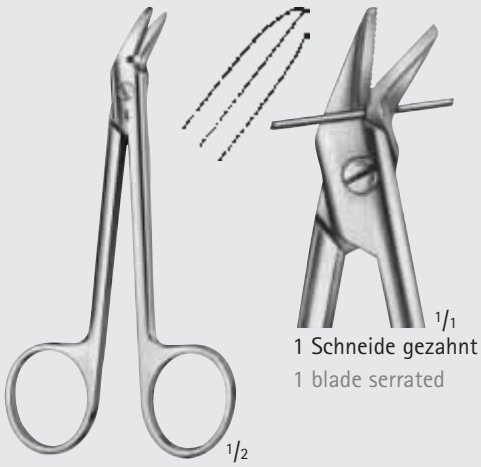
für weichen Draht bis Ø	0,5 mm
für harten Draht bis Ø	0,3 mm
for soft wire up to diam.	0.5 mm
for hard wire up to diam.	0.3 mm

spezialvergütete Schneiden
specially hardened cutting edges

DP541R

130 mm, 5 1/8"

0,6 mm	
0,4 mm	
0.6 mm	
0.4 mm	

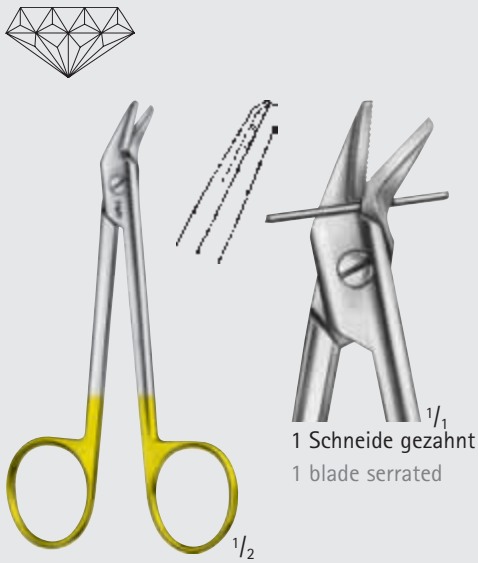


1 Schneide gezahnt
1 blade serrated

DP551R

120 mm, 4 3/4"

für weichen Draht bis Ø	1,2 mm
für harten Draht bis Ø	0,6 mm
for soft wire up to diam.	1.2 mm
for hard wire up to diam.	0.6 mm



1 Schneide gezahnt
1 blade serrated

DP552R

120 mm, 4 3/4"

1,2 mm	
0,8 mm	
1.2 mm	
0.8 mm	

Schneiden gezahnt
Blades serrated

HARVEY

BC815R

125 mm, 5"

für weichen Draht bis Ø	0,4 mm
für harten Draht bis Ø	0,3 mm
for soft wire up to diam.	0.4 mm
for hard wire up to diam.	0.3 mm

DP501R

150 mm, 6"

	1,5 mm
	1,0 mm
	1.5 mm
	1.0 mm

DP505R

160 mm, 6 1/4"

für weichen Draht bis Ø	1,5 mm
für harten Draht bis Ø	1,2 mm
for soft wire up to diam.	1.5 mm
for hard wire up to diam.	1.2 mm

DP530R

140 mm, 5 1/2"

	1,5 mm
	1,0 mm
	1.5 mm
	1.0 mm

Drahtextension – Wire extension

Drahtschneidezangen und Seitenschneider

Wire Cutters, Lateral Cutting Action

LX156R

235 mm, 9 1/4"

für weichen Draht bis Ø	3,0 mm
für harten Draht bis Ø	2,2 mm
for soft wire up to diam.	3.0 mm
for hard wire up to diam.	2.2 mm

HARVEY

LX157R

235 mm, 9 1/4"

3,0 mm	
2,2 mm	
3.0 mm	
2.2 mm	

1/1

spezialvergütete Schneiden
specially hardened cutting edges

1/2

LX149R

abgewinkelte schlanke Form zur Drahtentfernung nach Sternumnaht
angled slender pattern for wire removal after sternum suture
170 mm, 6 3/4"

mit Hartmetallschneiden
with carbide cutting edges

1/2

LX162R

240 mm, 9 1/2"

für weichen Draht bis Ø	0,9 mm	2,5 mm
für harten Draht bis Ø	-	2,0 mm
for soft wire up to diam.	0.9 mm	2.5 mm
for hard wire up to diam.	-	2.0 mm

MILLIMETERS

Drahtextension – Wire extension

Drahtschneidezangen und Seitenschneider

Wire Cutters, Lateral Cutting Action

LX158R

Kopf- und Seitenschneider

Wire Cutters, front- and lateral cutting action

180 mm, 7"

für weichen Draht bis Ø	2,0 mm
für harten Draht bis Ø	1,5 mm
for soft wire up to diam.	2.0 mm
for hard wire up to diam.	1.5 mm

REILL

LX159R

Schneiden gebogen, zum Abzwicken direkt am Knochen

for cutting off wires close to the bone

175 mm, 7"

2,0 mm	
1,5 mm	
2.0 mm	
1.5 mm	

1/1

spezialvergütete Schneiden
specially hardened cutting edges

DP520R
145 mm, 5 3/4"

für weichen Draht bis Ø	1,5 mm
für harten Draht bis Ø	1,0 mm
for soft wire up to diam.	1.5 mm
for hard wire up to diam.	1.0 mm

1/1

spezialvergütete Schneiden
specially hardened cutting edges

LX150R
145 mm, 5 3/4"

	2,0 mm
	1,5 mm
	2.0 mm
	1.5 mm

1/1

spezialvergütete Schneiden
specially hardened cutting edges

LX152R
220 mm, 8 3/4"

für weichen Draht bis Ø	3,0 mm
für harten Draht bis Ø	2,0 mm
for soft wire up to diam.	3.0 mm
for hard wire up to diam.	2.0 mm

1/1

spezialvergütete Schneiden
specially hardened cutting edges

LX163R
165 mm, 6 1/2"

	3,5 mm
	2,5 mm
	3.5 mm
	2.5 mm

Drahtextension – Wire extension

Drahtschneidezangen
Wire Cutting Pliers

1/3

LX165R

Bolzenschneider zum Abzwicken von KIRSCHNER-Drähten, Tibia-Kopf-Schrauben und Nägeln bis zu 3 mm Ø

Cutter for cutting off KIRSCHNER wires, tibia head screws, bolts, pins, up to 3 mm diam.

320 mm, 12 3/4"

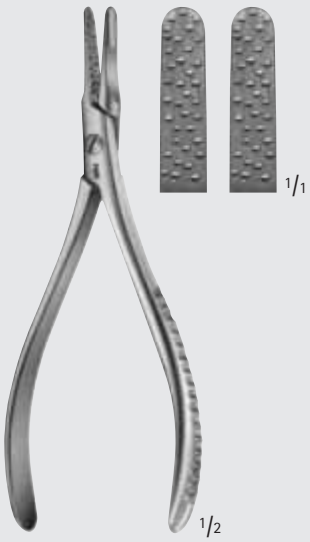
1/3

LX164R

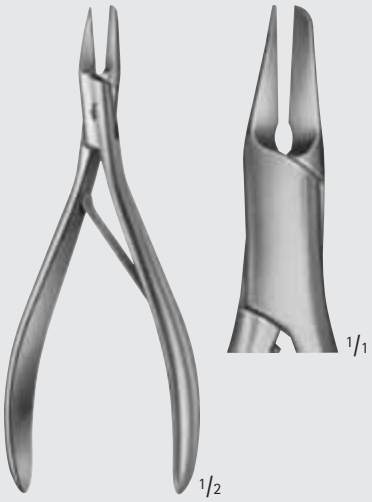
Bolzenschneider zum Abzwicken von KIRSCHNER-Drähten, Tibia-Kopf-Schrauben und Nägeln bis 6 mm Ø

Cutter for cutting off KIRSCHNER wires, tibia head screws, bolts, pins, up to 6 mm diam.

470 mm, 18 1/2"



FO903R
Nagelausreißzange
Nail extracting forceps
135 mm, 5 1/2"



HF266R
Nagelspaltzange
Nail splitting forceps
130 mm, 5 1/8"

SYSTRUNK

BC521R
Schere für eingewachsene Nägel
Scissors for splitting finger nails
130 mm, 5 1/8"

FO901R
Ersatz-Sägeblatt
Spare blade

FO900R
Fingerringsäge
Finger ring saw
150 mm, 6"

1
2
3
4
5
6
7
8
INCHES

LX

Gips-Instrumente
Plaster Instruments

Gips-Instrumente – Plaster Instruments

Gips-Instrumente
Plaster Instruments

1/2

ESMARCH

LX505R

Gipsmesser
Plaster knives
180 mm, 7"

1/2

ENGEL

LX522C

Gipssäge
Plaster saw
150 mm, 6"

1/1

1/2

LISTER

BC885R–BC977R

BC885R	schwarz	black	**BC973R**	gelb	yellow
BC970R	rot	red	**BC975R**	orange	orange
BC971R	blau	blue	**BC977R**	pink	pink

Verband- und Erste-Hilfe-Scheren
Bandage- and First Aid Scissors
145 mm, 5 3/4"

1/1

2/3

BC881R–BC987R

BC881R	schwarz	black	**BC983R**	gelb	yellow
BC980R	rot	red	**BC985R**	orange	orange
BC981R	blau	blue	**BC987R**	pink	pink

Verband- und Erste-Hilfe-Scheren
Bandage- and First Aid Scissors
180 mm, 7"

LX548R

für kleine Gipsverbände
for small plaster dressings
160 mm, 6 1/4"

ESMARCH

LX550R	200 mm	8"
LX552R	230 mm	9"

BERGMANN

LX553R

230 mm, 9"

Gips-Instrumente – Plaster Instruments

Gipsscheren
Plaster Scissors

BRUNS

LX556R

235 mm, 9 1/4"

LX558R

auch als Kleiderschere verwendbar
also to be used as bandage scissors
235 mm, 9 1/4"

SEUTIN

LX565R

auch als Kleiderschere verwendbar
also to be used as bandage scissors
230 mm, 9"

LX

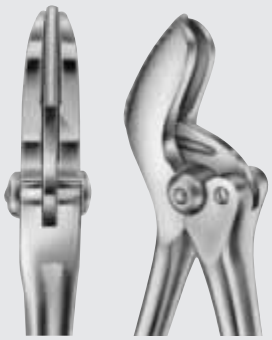
Besondere Vorteile:

- Die Konstruktion des offenen Kastens verhindert das lästige Verstopfen durch Gipsreste, außerdem ist eine leichte Reinigung der Backen möglich.
- Die tiefe Zahnung an den Backen verhindert das Abgleiten der Gipsschere vom Gips.
- Die Messer, mit Hohlschliff, weisen eine bessere Schnittfähigkeit auf, daher geringerer Kraftaufwand.
- Messerführung durch Kugellager.

Special features:

- The construction of the open jaws avoids tiresome clogging by plaster remnants and allows furthermore an easy cleaning.
- The shears do not glide off the plaster owing to the deep teething on the jaws.
- The knives with hollow grinding have a better cutting ability and therefore less force is required.
- The knives are guided by ball bearings.

Kastenteil offen
open jaws



1/3

STILLE-AESCULAP

LX574R

260 mm, 10 1/4"

1/3

STILLE-AESCULAP

LX575R

360 mm, 14 3/8"

Gips-Instrumente – Plaster Instruments

Gipsscheren
Plaster Shears

1/3

STILLE

LX582R

230 mm, 9"

1/3

STILLE

LX587R

Messer mit verstärktem Rücken

Blade with reinforced back

370 mm, 14 2/3"

1/3

HENNIG

LX600R

270 mm, 10 3/4"

1/3

MOD.USA

LX605R

230 mm, 9"

1/3

1/1

mit abnehmbaren Backen
with removable jaws

LX610R

290 mm, 11 1/2"

1/2

WOLFF

LX618R	180 mm	7"
LX624R	240 mm	9 1/2"

Gipsabreißzangen (Rabenschnabel)
Plaster breakers

1
2
3
4
5
6
7
8
INCHES

GF

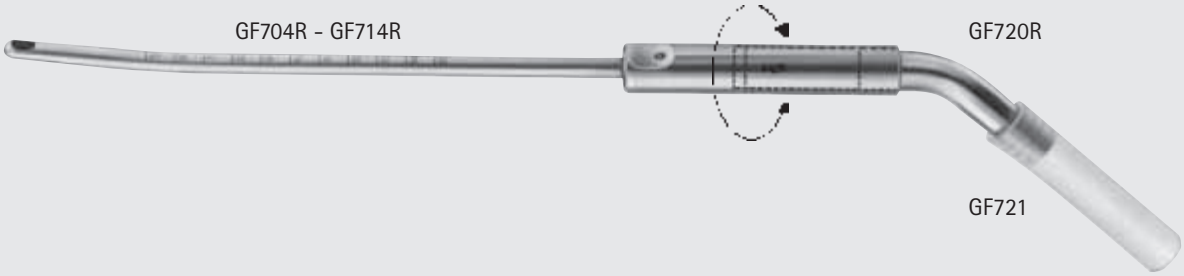
Sauginstrumente
Suction Instruments

Sauginstrumente – Suction Instruments

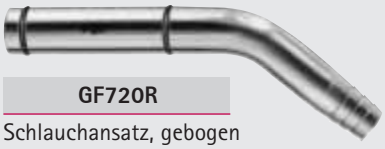
Vakuumküretten
Vacuum Curettes

Kanülen zur Vakuumkürettage mit Graduierung und Saugunterbrecher
Curettes with graduation and suction interrupter, for vacuum curettage

	Ø diam.
GF704R	4 mm (zur Saugbiopsie geeignet) (suitable for suction biopsie)
GF706R	6 mm
GF708R	8 mm
GF710R	10 mm
GF712R	12 mm
GF714R	14 mm



GF719R
Schlauchansatz, gerade
Innen-Ø: 11 mm
Hose connection, straight
inside diam.: 11 mm



GF720R
Schlauchansatz, gebogen
Innen-Ø: 11 mm
Hose connection, curved
inside diam.: 11 mm

Die Verbindung zwischen Saugküretten und Schlauchansatz GF720R gewährleistet schnelles Wechseln und freies Drehen der Saugküretten auf dem Schlauchansatz.
The connection between suction curette and hose connection GF720R guarantees quick changing and free turning of the suction curettes on the hose connection.

GF721
Saugschlauch, transparent, 1,8 m lang, Innen-Ø 11 mm, Außen-Ø 16,5 mm, sterilisierbar im Autoklav bei 143 °C (3 bar)
Transparent suction hose, 1.8 m long, inside diam. 11 mm, outside diam. 16.5 mm, can be sterilized in an autoclave at 143 °C (3 bar)

GF722
Gewebe-Auffangsieb aus Kunststoff, **zum Einmalgebrauch** für die histopathologische Untersuchung.
Strainer for tissue, plastic, **for single use only,** to be used for histopathological examination.

GF805C

zum Ableiten großer Flüssigkeitsmengen
for clearing large quantities of fluid
190 mm, 7 1/2"

GF806C

Trokar, zum Punktieren
Trocar, for puncturing
170 mm, 6 3/4"

GF809C

doppelt gebogen, für Allgemein-Chirurgie
double curved, for general surgery
230 mm, 9"

mit Renk-Verschluss
passend auf den Sauggriff
GF801C
with bayonet fitting to be
used with suction handle
GF801C

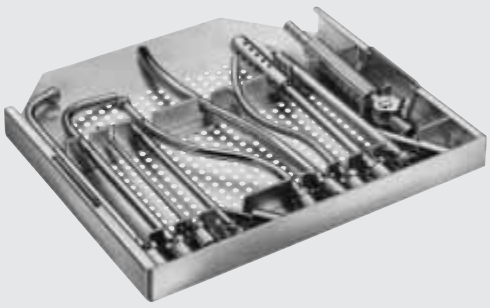
Olive Ø 8 mm
olive diam. 8 mm

GF801C

Sauggriff mit Vakuum-Regulierung und Unterbrecher, Messing hochglanzverchromt

Suction handle, with vacuum regulator and finger cut-off, brass, mirror-finish chromium-plated

150 mm, 6"



GF841

Alu-Lagerungsrack allein, ohne Instrumente, passend in Basis Container, bestehend aus Bodenteil JK339 und Deckel JK399

Aluminium rack only, without instruments, fitting into Basis Container, consisting of container body JK339 and lid JK399

265 x 250 x 30 mm

GF816C

Universal-Kanüle, doppelt gebogen
Universal cannula, double curved
230 mm, 9"

POOL

GF860R

Saugkanüle mit abschraubbarem Außenrohr
Suction cannula, with outer tube to be screwed off
225 mm, 9"

POOL

GF862R

Saugkanüle mit abschraubbarem Außenrohr
Suction cannula with outer tube to be screwed off
225 mm, 9"

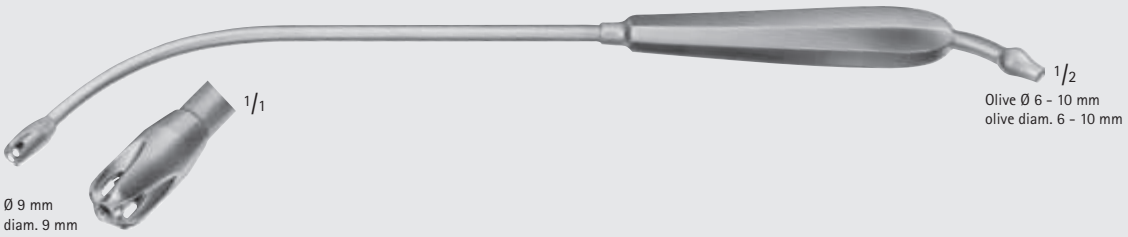
YANKAUER

GF944R

mit zentraler Bohrung, Ø 2,0 mm
with central bore, 2.0 mm diam.
285 mm, 11 1/4"

Sauginstrumente – Suction Instruments

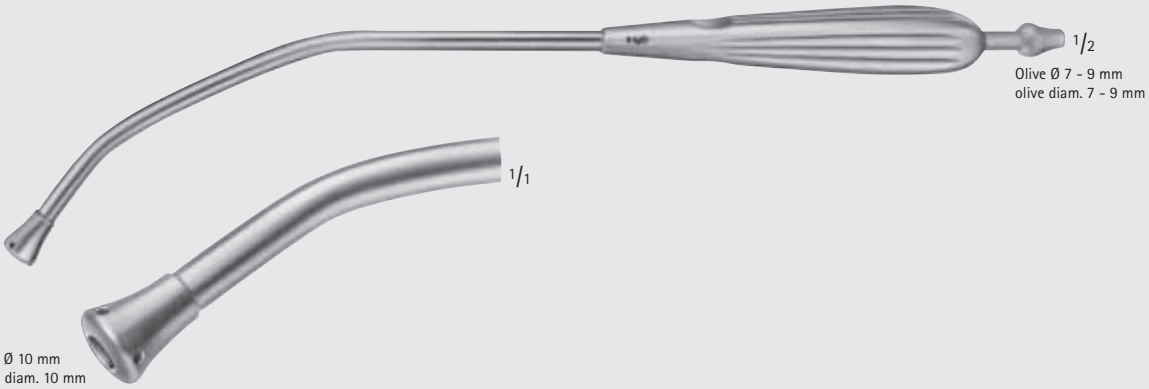
Sauginstrumente
Suction Instruments



DE BAKEY

GF946R

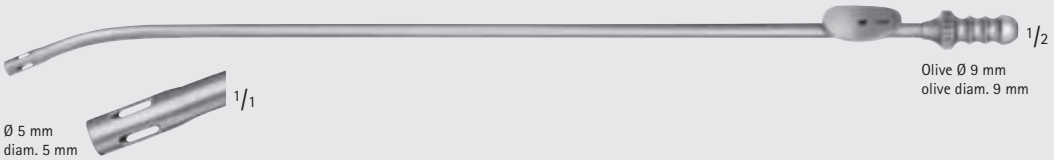
mit zentraler Bohrung, Ø 3,0 mm und seitlichen Schlitzen
with central bore, 3.0 mm diam. with lateral slots
275 mm, 10 3/4"



YANKAUER

OM671R

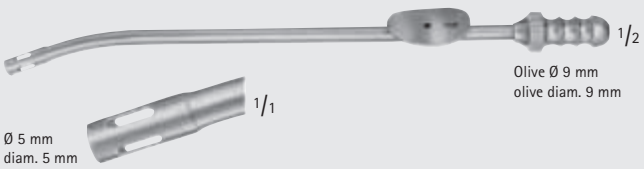
mit besonders großer zentraler Bohrung, Ø 4,8 mm
with especially large central bore, 4.8 mm diam.
285 mm, 11 1/4"



DE BAKEY

GF948R

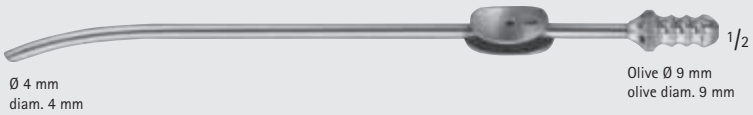
mit Saugunterbrecher und Mandrin
with finger cut-off and stylet
270 mm, 10 3/4"



DE BAKEY

GF947R

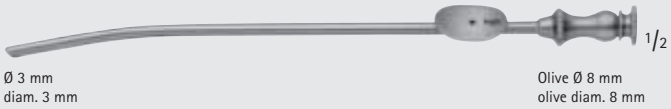
mit Saugunterbrecher und Mandrin
with finger cut-off and stylet
160 mm, 6 1/4"



ADSON

GF917R

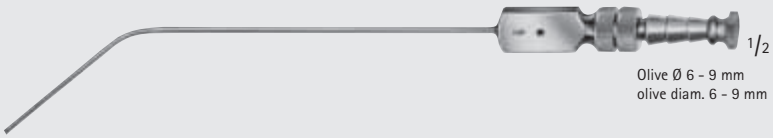
mit Saugunterbrecher
with finger cut-off
190 mm, 7 1/2"



ADSON

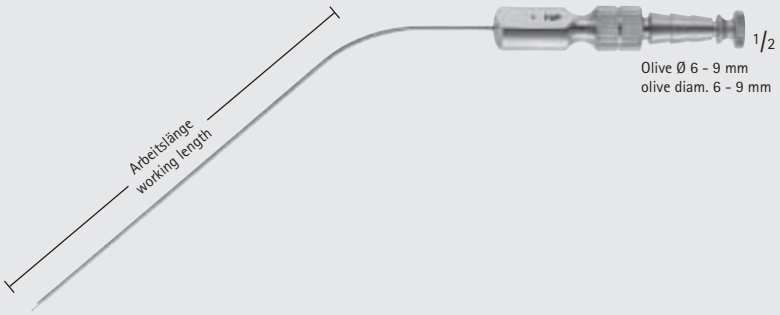
GF918R

mit Saugunterbrecher und Mandarin
with finger cut-off and stylet
165 mm, 6 1/2"



PLESTER
mit Saugunterbrecher und Mandarin,
Griffplatte parallel zur Biegung, LUER-Bohrung
with finger cut-off and stylet, thumb piece
parallel to curve, with LUER hub
195 mm, 7 3/4"

	Ø diam.
GF939R	1,5 mm
GF940R	2,0 mm
GF941R	2,5 mm
GF942R	3,0 mm
GF355R	5,0 mm



FERGUSSON
mit Saugunterbrecher und Mandrin,
Griffplatte 90° zur Biegung, LUER-Bohrung
with finger cut-off and stylet, thumb piece
90° to curve, with LUER hub
180 mm, 7"

	diam. Ø
GF350R	1,5 mm
GF351R	2,0 mm
GF352R	2,5 mm
GF353R	3,0 mm
GF354R	4,0 mm

MILLIMETERS

Sauginstrumente – Suction Instruments

Sauginstrumente
Suction Instruments

FERGUSSON

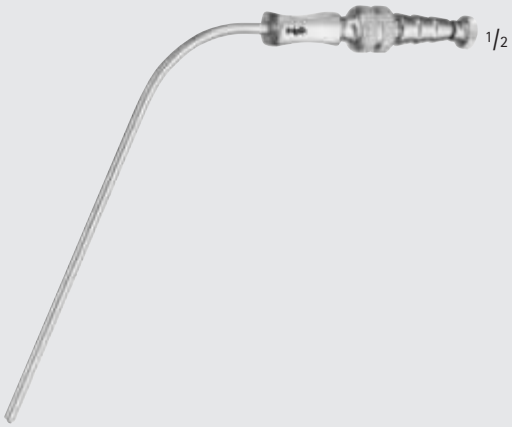
	Ø diam.
GF933R	4,0 mm

isoliert, mit Saugunterbrecher und Mandrin, Griffplatte 90° zur Biegung, LUER-Bohrung
isulated, with finger cut-off and stylet, thumb piece 90° to curve, with LUER hub
180 mm, 7"

FRAZIER

	Ø diam.
GF923R	3,0 mm
GF925R	5,0 mm

mit Saugunterbrecher und Mandrin, Griffplatte 90° zur Biegung, LUER-Bohrung
with finger cut-off and stylet, thumb piece 90° to curve, with LUER hub
180 mm, 7"



FRAZIER

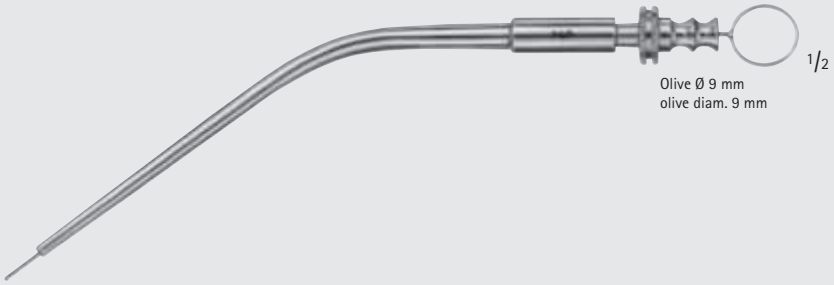
	Ø diam.
MD124R	2,3 mm
MD125R	2,7 mm
MD127R	3,4 mm
MD129R	4,0 mm

mit Saugunterbrecher und Mandrin, Griffplatte 90° zur Biegung, LUER-Bohrung
with finger cut-off and stylet, thumb piece 90° to curve, with LUER hub
110 mm, 4 1/4"

LEMPERT

	Ø diam.
GF937R	2,0 mm
GF938R	3,0 mm

mit Saugunterbrecher und Mandrin
with finger cut-off and stylet
200 mm, 8"



FORMBY

	Ø diam.
GF932R	3,3 mm

210 mm, 8 1/4"

BARRON

	Ø diam.
GF935R	1,3 mm
GF936R	2,0 mm

mit Saugunterbrecher und Mandrin
with finger cut-off and stylet
160 mm, 6 1/4"

SCHUHKNECHT

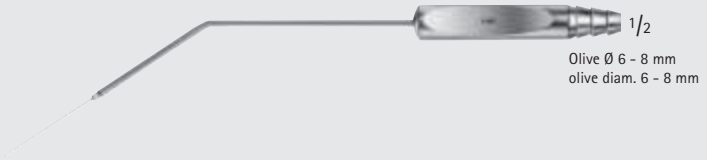
	Ø diam.	Ø diam.
GF756R	20 swg	1,0 mm
GF757R	24 swg	0,5 mm

Saugkanülen
Suction cannulae
130 mm, 5 1/8"

Sauginstrumente – Suction Instruments

Sauginstrumente

Suction Instruments



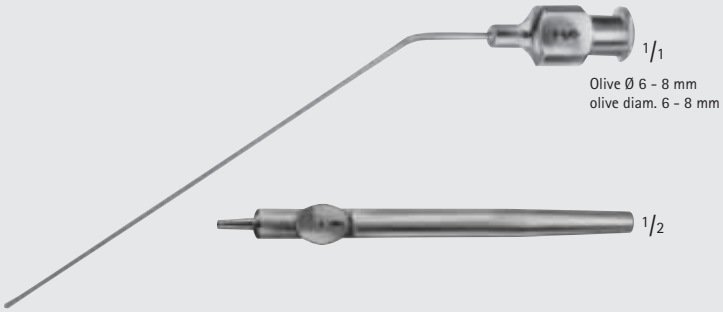
WULLSTEIN

OG960R

Mikro-Absaugrohr komplett, bestehend aus:

Micro suction tube, complete, consisting of:

OG961R	Absaugrohr mit LUER-Bohrung	Suction tube with LUER hub
OG962R	Mikro-Saugkanüle, Ø 0,4 mm	Micro suction cannula, 0.4 mm diam.
OG963R	Mikro-Saugkanüle, Ø 0,6 mm	Micro suction cannula, 0.6 mm diam.
OG964R	Mikro-Saugkanüle, Ø 0,8 mm	Micro suction cannula, 0.8 mm diam.

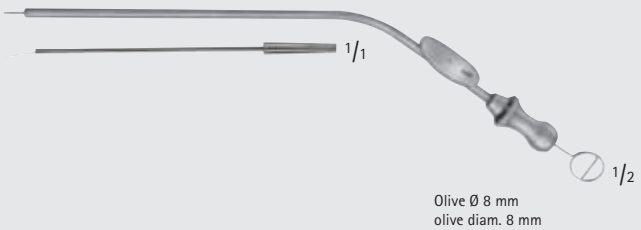


OG970R

Saugset komplett, bestehend aus:

Suction set, complete, consisting of:

OG971R	Saughandgriff mit LUER-Konus, mit Unterbrecher	Suction handle, with finger cut-off, with LUER cone
OG972R	2 Saugkanülen, Ø 0,5 mm, mit LUER-Konus	2 suction cannulae, 0.5 mm diam., with LUER cone
OG973R	2 Saugkanülen, Ø 0,7 mm, mit LUER-Konus	2 suction cannulae, 0.7 mm diam., with LUER cone
OG974R	2 Saugkanülen, Ø 1,0 mm, mit LUER-Konus	2 suction cannulae, 1.0 mm diam., with LUER cone
OG969R	2 Saugkanülen, Ø 1,3 mm, mit LUER-Konus	2 suction cannulae, 1.3 mm diam., with LUER cone



BELLUCCI

OG950R

Saugset komplett, bestehend aus:

Suction set, complete, consisting of:

OG951R	Saugrohr allein, mit Saugunterbrecher und Mandrin	Suction tube with finger cut-off and stylet	155 mm, 6"
GF772R	Saugkanüle Ø 20 swg., Ø 1,0 mm	Detachable end, 20 swg. diam., 1.0 mm diam.	
GF773R	Saugkanüle Ø 22 swg., Ø 0,7 mm	Detachable end, 22 swg. diam., 0.7 mm diam.	
GF774R	Saugkanüle Ø 24 swg., Ø 0,5 mm	Detachable end, 24 swg. diam., 0.5 mm diam.	

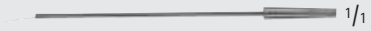
ZOELLNER

GF770R

Saugkanüle allein, mit Mandrin, passend zu den Saugaufsätzen GF771R und GF775R

Suction cannula only, with stylet, fitting to the detachable ends GF771R and GF775R

180 mm, 7"



ZOELLNER

	Ø diam.	Ø diam.
GF771R	18 swg	1,2 mm
GF772R	20 swg	1,0 mm
GF773R	22 swg	0,7 mm
GF774R	24 swg	0,5 mm
GF775R	26 swg	0,4 mm

auswechselbare Spitzen zu GF770R und OG951R

detachable ends, fitting to GF770R and OG951R

Bestelleinheit:
PAK = Packung à 10 Stück

Sales unit:
PAK = Package of 10 pieces

VERHOEVEN

	Ø diam.	Ø diam.
GF763R	16 swg	1,5 mm
GF764R	18 swg	1,2 mm
GF765R	20 swg	1,0 mm
GF766R	22 swg	0,7 mm
GF767R	24 swg	0,5 mm

Saugkanülen mit LUER-Konus

Suction cannulae with LUER cone

100 mm, 4"

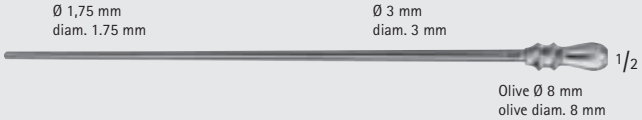
HOUSE

GF768R

Saugadapter mit Saugunterbrecher, LUER-Konus / LUER-Bohrung

Suction adapter with finger cut-off, LUER cone, LUER hub

55 mm, 2 1/8"



WULLSTEIN

OF237

Saugrohr, konisch, aus Silber, Olive mit LUER-Bohrung

Suction tube, conical, silver, olive with LUER hub

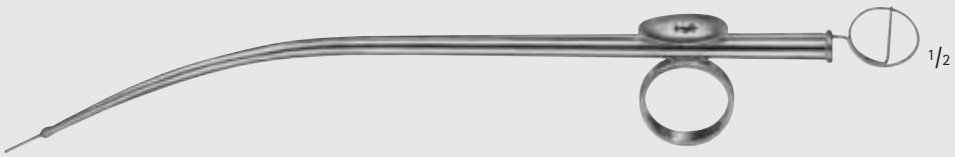
160 mm, 6 1/4"

GF

WULLSTEIN

	Ø diam.
OF239	1,5 mm
OF238	2,0 mm

Saugrohr, zylindrisch, aus Silber, mit Mandrin, Olive mit LUER-Bohrung
Suction tube, cylindrical, silver, with stylet, olive with LUER hub
160 mm, 6 1/4"



MAGILL

	Ø diam.
GF906R	3,0 mm
GF907R	3,5 mm
GF908R	4,0 mm

245 mm, 9 3/4"

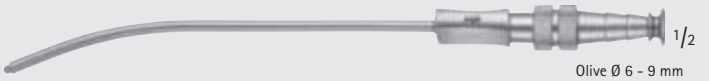
GF909R

Reinigungsdraht zu MAGILL-Saugkanülen
Stilette for MAGILL suction tubes

	Ø diam.	Spitzenbreite Tip width
GF919R	5,0 mm	6,5 mm

Nasensaugrohr, LUER-Bohrung
Nasal suction tube, with LUER hub
180 mm, 7"

INCHES

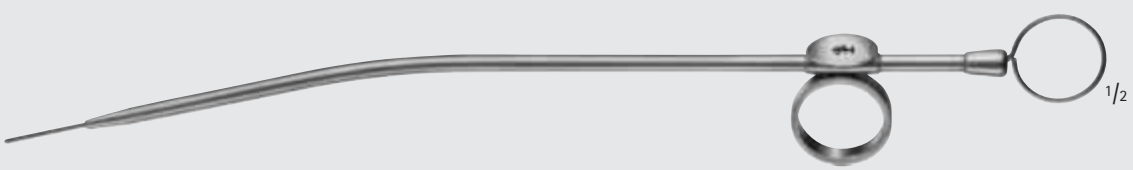


Olive Ø 6 - 9 mm
olive diam. 6 - 9 mm

GILLIES

	Ø diam.
OL187R	3,0 mm

mit Saugunterbrecher und Mandrin
with finger cut-off and stylet
170 mm, 6 3/4"

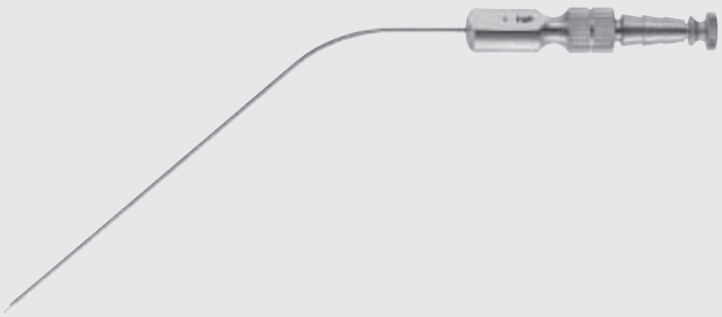


ROWBOTHAM

OM672R

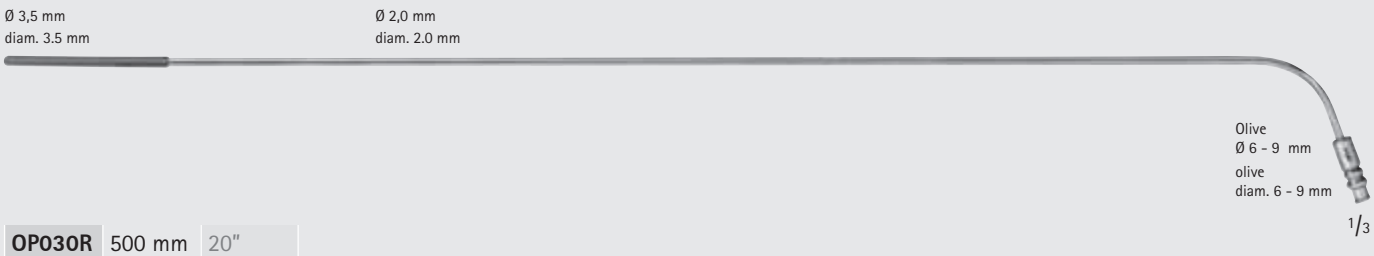
mit Mandrin
with stylet
295 mm, 11 3/4"

GF



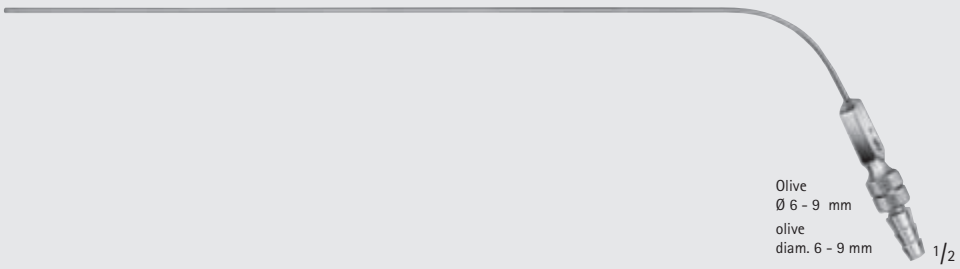
FERGUSSON

Ø diam.	Länge Length	Länge Length	Länge Length
	130 mm	160 mm	200 mm
1,5 mm	**GF360R**	**GF370R**	**GF380R**
2,0 mm	**GF361R**	**GF371R**	**GF381R**
2,5 mm	**GF362R**	**GF372R**	**GF382R**
3,0 mm	**GF363R**	**GF373R**	**GF383R**
4,0 mm	**GF364R**	**GF374R**	**GF384R**
5,0 mm	**GF365R**	**GF375R**	**GF385R**



OP030R	500 mm	20"
OP031R	350 mm	14"

mit Gummispitze, mit LUER-Bohrung
with rubber tip, with LUER hub



	Ø diam.
OP360R	2,0 mm
OP361R	2,5 mm
OP362R	3,0 mm

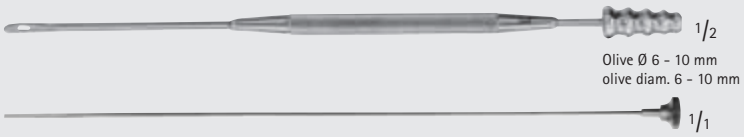
mit Saugunterbrecher, Griffplatte 90° zur Biegung, mit LUER-Bohrung
with finger cut-off, thumb piece 90° to curve, with LUER hub
250 mm, 10"

INCHES

NEGUS

OL177R

Saugdissektor
Suction dissector
210 mm, 8 1/4"



GORNEY

OL168R

Saugdissektor
Suction dissector
180 mm, 7"

	breit wide
OL195R	4 mm
OL196R	5 mm

Saugraspatorium, scharf, bajonettförmig gebogen, mit Mandarin
Suction raspatories, sharp, bayonet-shaped, with stylet
200 mm, 8"

LANDOLT

	breit wide
GF980R	3,2 mm

Präpariersauger für Hypophysektomie und HNO, winklige Spitze, scharf
Dissecting suction tube for hypophysectomie and ENT, sharp angled point
200 mm, 8"

LOPEZ-REINKE

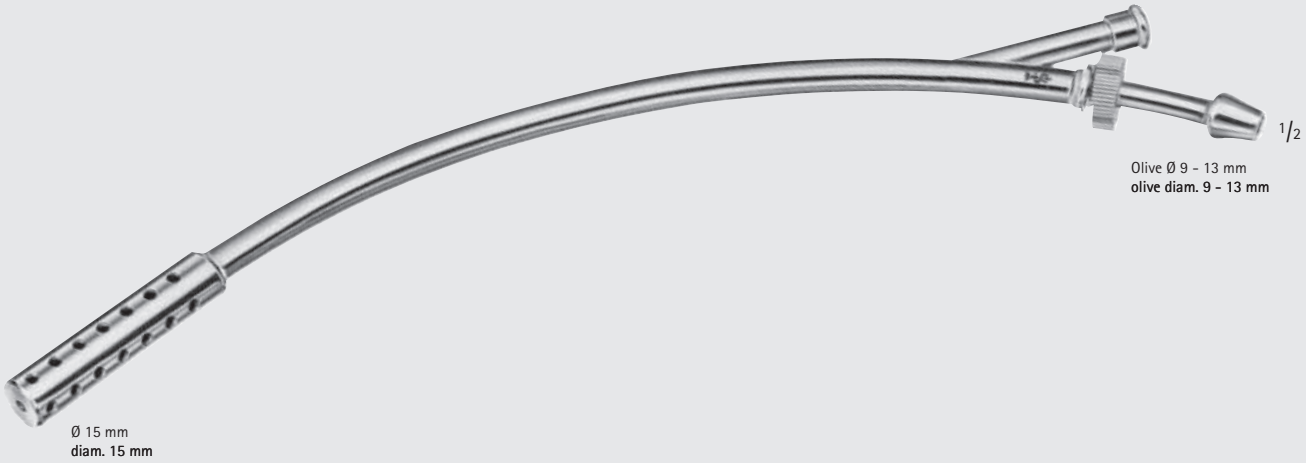
OM670R

Tonsillendissektor mit Absaugvorrichtung
Tonsil dissector with suction device
235 mm, 9 1/4"

Sauginstrumente – Suction Instruments

Kombinierte Saug- und Spülkanülen

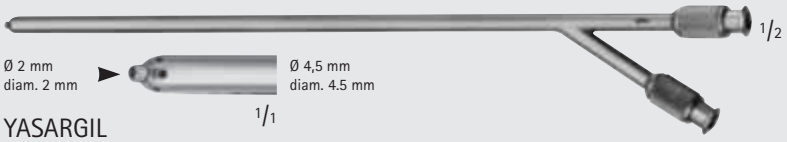
Combined Suction- and Irrigation Cannulae



FINSTERER

GF867C

320 mm, 12 3/4"



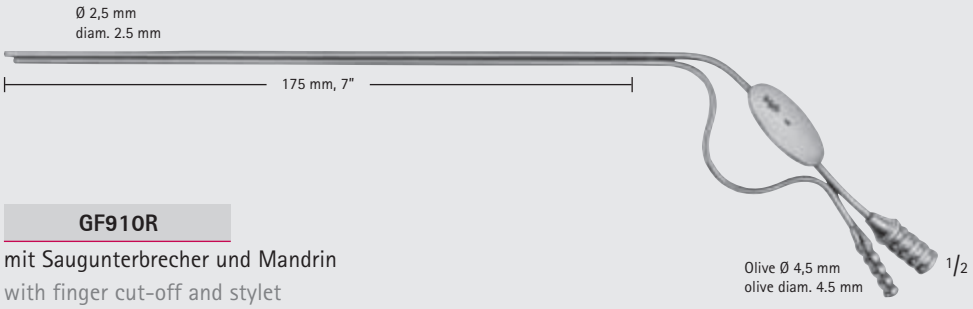
YASARGIL

GF905R

LUER-LOCK-Konus

LUER-LOCK cone

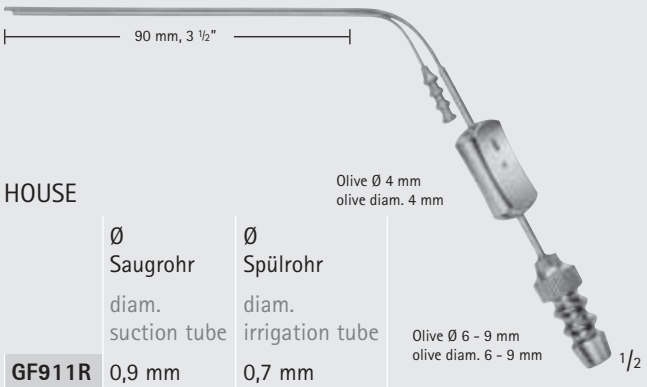
200 mm, 8"



GF910R

mit Saugunterbrecher und Mandrin

with finger cut-off and stylet

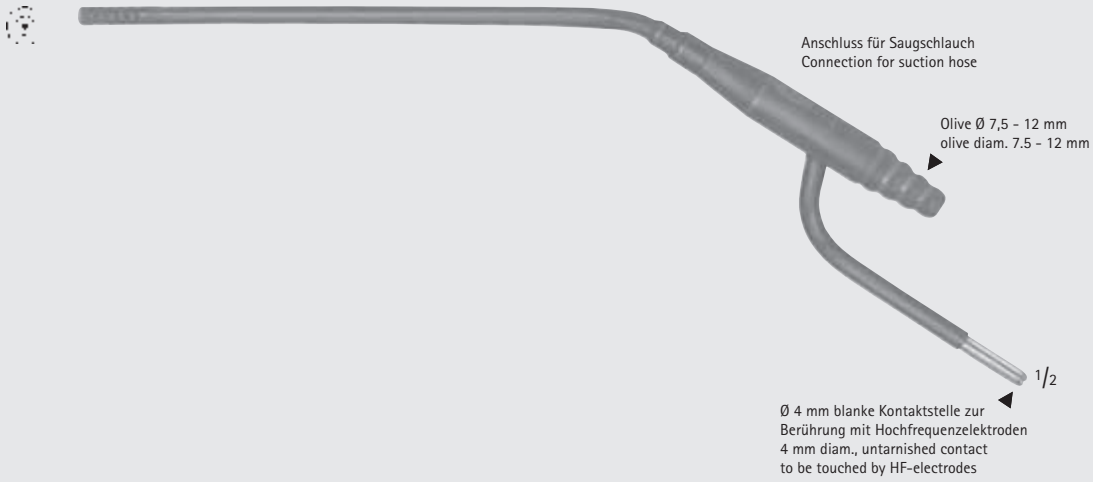


HOUSE

	Ø Saugrohr diam. suction tube	Ø Spülrohr diam. irrigation tube
GF911R	0,9 mm	0,7 mm
GF912R	1,2 mm	0,9 mm
GF913R	1,5 mm	1,2 mm

mit Saugunterbrecher und Mandrin, LUER-Bohrung

with finger cut-off and stylet, with LUER hub



LANDOLT

GK550	5,0 mm

mit Saugunterbrecher und Mandrin,
sterilisierbar im Autoklav bis 143 °C (3 bar)
with finger cut-off and stylet,
can be sterilized in an autoclave ut to 143 °C (3 bar)

INCHES
1
2
3
4
5
6
7
8

JG

Nierenschalen, Laborschalen
Kidney Trays, Bowls

Nierenschalen, Laborschalen – Kidney Trays, Bowls

Messbecher, Laborschalen, Nierenschalen

Medical Measures, Round Bowls, Kidney Trays

JG514R

Medizinbecher, graduiert, 0,05 Liter

Medical measure, graduated, 0.05 litre

JG515R

Messbecher, 0,1 Liter

Medical measure, graduated, 0.1 litre

JG516R

Messbecher, graduiert, 0,25 Liter

Medical measure, graduated, 0.25 litre

JG518R

Messbecher, graduiert, 1,0 Liter

Medical measure, graduated, 1.0 litre

	Inhalt (Liter)	Abmessungen in cm (oben x unten x Höhe)
	Capacity (litre)	Dimensions in cm (upper x lower x height)
JG520R	0,02	4,0 x 2,8 x 1,9
JG521R	0,06	6,1 x 4,2 x 3,0
JG522R	0,16	8,3 x 5,4 x 4,1
JG523R	0,4	11,1 x 7,2 x 5,6
JG524R	1,0	15,1 x 10,0 x 7,3
JG525R	2,5	21,1 x 14,5 x 9,6

Laborschalen

Round bowls

JG504R	170 mm	6 3/4"
JG506R	250 mm	10"
JG508R	275 mm	10 3/4"

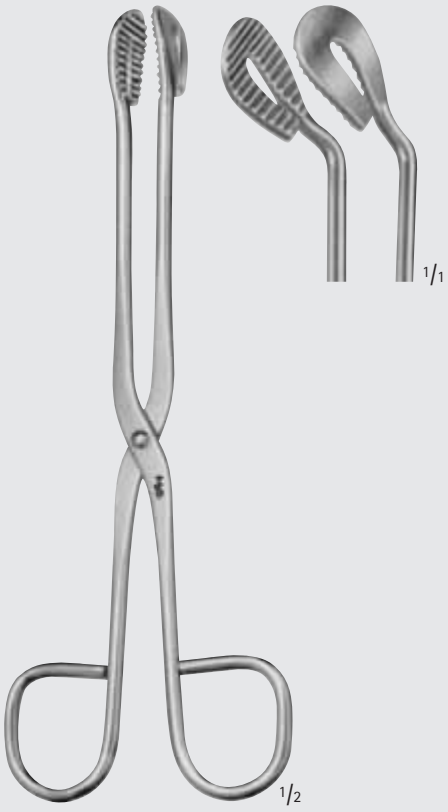
Nierenschalen

Kidney trays

CHEATTLE

JG820R

280 mm, 11"



JG822R

210 mm, 8 1/4"

INCHES
1
2
3
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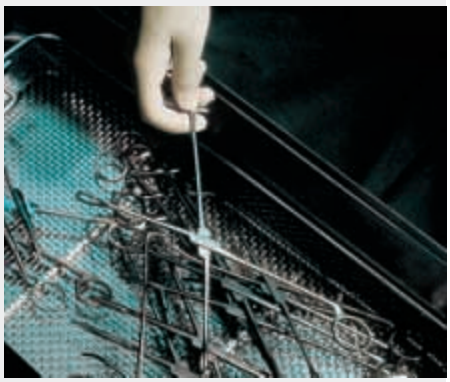
JG

Instrumentenpflege, Reinigungshinweise
Care and Maintenance of Instruments

Instrumentenpflege, Reinigungshinweise – Care and Maintenance of Instruments

Reinigung – Desinfektion – Sterilisation von chirurgischen Instrumenten



Bitte berücksichtigen Sie bei der Aufbereitung Ihrer hochwertigen Aesculap Instrumente die nachstehenden Empfehlungen.

Behandlung fabrikneuer Instrumente

Fabrikneue Instrumente sind vor der ersten Sterilisation bzw. Nutzung zu reinigen. Schutzkappen und Schutzfolien sind vollständig zu entfernen, z.B. bei Meißeln, Raspatorien oder mikrochirurgischen Instrumenten.

Nach jedem Gebrauch

- Kontaminiertes Instrument schnellstmöglich aufbereiten.
- Gelenkinstrument in einem 90°- Winkel öffnen.
- Bei maschineller Reinigung, Instrument auf reinigungsgerechte Siebkörbe legen (Spülschatten vermeiden).
- Zerlegbares Instrument in Einzelteile zerlegen.
- Vorzugsweise trocken entsorgen.
- Bei Nassentsorgung reinigungsaktive Desinfektionsmittel verwenden. Vor maschineller Reinigung und Desinfektion Instrument gründlich mit klarem, fließendem Wasser spülen.
- Falls nötig, Ultraschallbehandlung nach den Anweisungen des Geräteherstellers durchführen:
- als effektive mechanische Unterstützung bei manueller Reinigung,
- zur Vorbehandlung von Instrumenten mit angetrockneten Verschmutzungen vor der maschinellen Reinigung.
- Mikroinstrumente und Instrumente mit feinen Arbeitsenden sollten möglichst nicht im Ultraschall, sondern nur manuell oder maschinell gereinigt werden. Bei maschineller Reinigung Mikro-Instrumente in geeigneten Lagerungshilfen lagern.
- Manuell oder maschinell reinigen. Herstellerangaben beachten.

Manuelle Reinigung/Desinfektion

- Instrument in ein geeignetes reinigungsaktives Desinfektionsmittel legen, so dass alle Oberflächen, Hohlräume, Lumen und Öffnungen bedeckt sind. Anweisungen des Desinfektionsmittelherstellers beachten.
- Nach der chemischen Desinfektion immer ausreichend und intensiv mit klarem und fließendem Wasser abspülen. Anweisungen des Desinfektionsmittelherstellers beachten.
- Anhaftende Verschmutzungen mit einer weichen Kunststoffbürste entfernen. Keine scheuernden Reinigungsmittel oder Metallbürsten verwenden.
- Lumen und Kanäle mit weichen Rundbürsten aus Kunststoff reinigen. Die Durchmesser von Lumen und Bürste müssen einander entsprechen.
- Schlussspülung mit destilliertem oder vollentsalztem Wasser durchführen.
- Instrument mit saugfähigem, weichem und fusselfreiem Tuch trocknen.
- Lumen und Kanäle mit Druckluft trocknen.

Maschinelle Reinigung/Desinfektion

- Bei der Programmwahl das Material (z.B. nichtrostender Instrumentenstahl, Aluminium) des zu reinigenden Instruments berücksichtigen. Anweisungen des Geräteherstellers beachten.
- Schlussspülung mit vollentsalztem Wasser durchführen.
- Ausreichende Trocknungsphase einhalten.
- Instrument sofort nach Beendigung des Programms aus der Maschine nehmen.

Instrumentenpflege, Reinigungshinweise – Care and Maintenance of Instruments

Reinigung – Desinfektion – Sterilisation von chirurgischen Instrumenten

Pflege/Prüfung

- Instrument auf Raumtemperatur abkühlen lassen.
- Bewegliche Teile (z.B. Gelenke und Schlüsse) mit sterilisierbarem, dampfdurchlässigem Pflegeöl leicht ölen (z.B. Sterilit Ölspray JG600 oder Sterilit Instrumenten-Öl JG598).
- Nach jeder Reinigung, Desinfektion, Instrument prüfen auf Sauberkeit, Funktion und Beschädigungen, z.B. verbogene, zerbrochene, rissige, abgenutzte und abgebrochene Teile.
- Beschädigtes und defektes Instrument aussortieren und ersetzen.

Packen

- Instrument mit feinem Arbeitsende und/oder mikrochirurgisches Instrument in geeigneten Lagerungshilfen lagern.
- Instrument mit Sperre in der ersten Raste fixieren.

Sterilisation

- Sterilisieren mit Dampf, dabei folgendes beachten: Die Dampfsterilisation hat nach einem validierten Dampfsterilisationsverfahren (z.B. Sterilisator gemäß EN 285/ANSI/AAMI/ISO 11134-1993, ANSI/AAMI ST46-1993 und validiert gemäß EN 554/ISO 13683) zu erfolgen. Bei einer Anwendung des fraktionierten Vakuumverfahrens ist die Sterilisation mit dem 134°C -/ 2 bar-Programm bei einer Mindesthaltezeit von 5 Minuten durchzuführen.

Empfohlene Produkte

STERILIT®
JG600

Aesculap Ölspray in Sprühdose (FCKW-frei), zur Instrumentenpflege vor der Sterilisation. Physiologisch unbedenklich nach DAB und § 31 LMBG.

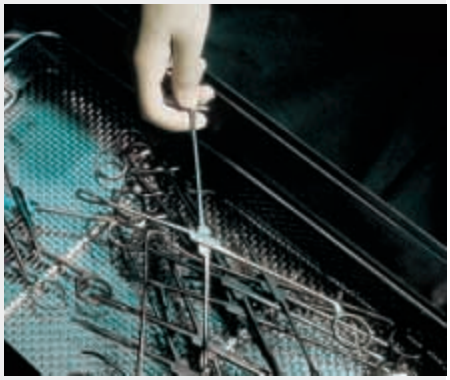
STERILIT®
JG598

Aesculap Instrumenten-Öl, zum Ölen der Schlüsse, Sperren usw. vor der Sterilisation. Physiologisch unbedenklich nach DAB und § 31 LMBG.

Ausführliche Informationen zur Aufbereitung individueller Aesculap Produkte finden Sie in der Datenbank "Aufbereitung/Gebrauchsanweisungen" im Internet unter:
www.aesculap-extra.net

Instrumentenpflege, Reinigungshinweise – Care and Maintenance of Instruments

Care and Maintenance of Surgical Instruments



Please observe the following recommendations for the care and maintenance of your high-quality Aesculap instruments.

Treatment of brand new Instruments

Brand new instruments must be cleaned before the first sterilization or use. Protective caps and protective films must be removed completely, for example in the case of chisels, raspatories or microsurgical instruments.

After each use

- Clean contaminated instruments as quickly as possible.
- Open instruments with a joint to a 90°- angle.
- For machine cleaning, place instrument in a wire basket suitable for the cleaning process (make sure cleaning solution and rinse water from machine comes into contact with all surfaces of the instrument).
- Completely dismantle any dismantleable instruments.
- Preferably dry removal troy in the OR.
- For wet removal always use an active cleaning disinfectant. Rinse the instrument thoroughly with clear, flowing water before machine cleaning and disinfecting.
- If necessary, treat with an ultrasound washer. Always use according to the manufacturer's instructions:
- for effective mechanical cleaning before manual cleaning,
- for pre-treatment of instruments with dried on contaminant before machine cleaning.
- Microsurgical instruments and instruments with fine working distal ends should not be treated with ultrasound. They should be cleaned either manually or in the washing machine. In case of cleaning in a machine please use a suitable storage rack.
- If cleaning manually or in a machine: always follow manufacturer's instructions. For detergents and other cleaning solutions.

Manual Cleaning/Disinfection

- Place instruments into a suitable disinfectant with active cleaning properties so that all surfaces, inner cavities, lumens and openings come into contact with the solution. Always follow the disinfectant manufacturer's instructions.
- After chemical disinfection, always rinse thoroughly with clear, flowing water. Always follow the instructions provided by the manufacturer of the disinfectant.
- Remove any contaminants still clinging to the instrument with a soft synthetic brush. Do not use a scouring or metal brush.
- Clean any lumens and conduits with soft, round, synthetic brushes. Please note, the lumen and the brush must have the same diameter.
- Final rinsing to be done with distilled or de-ionized water.
- Dry instrument with an absorbent, soft and lint-free cloth.
- Dry lumens and conduits with compressed air. Always use this method with caution.

Machine Cleaning/Disinfection

- Select the program according to the material of the instrument (e.g. stainless instruments, steel, aluminium) to be cleaned. Always follow the machine manufacturer's instructions.
- Final rinsing to be done with de-ionized or demineralized water.

Instrumentenpflege, Reinigungshinweise – Care and Maintenance of Instruments

Care and Maintenance of Surgical Instruments

- Leave sufficient time for drying.
- Remove the instrument from the machine immediately after the program is finished.

Care/Testing

- Allow instruments to cool down to room temperature.
- Lubricate movable parts (e.g. joints and ends) with special sterilization-capable, steam-permeable lubricant (e.g. Sterilit Oil Spray JG600 or Sterilit Instrument Oil JG598).
- After each cleaning, disinfection process, check the instrument to make sure it is clean, that it functions properly and it has not suffered any damage, e.g. bent, broken, fractured or worn parts.
- Remove any damaged and defective instruments and replace with functional items and send away any product which is damaged for repair.

Storage

- Place instruments with the fine working end and/or microsurgery instruments in a suitable storage rack. Always secure micro instruments properly.
- Where possible sterilize instruments on the first ratchet.

Sterilization

- To steam sterilize, proceed as follows: Steam sterilization must be carried out according to a validated steam sterilization process (e.g. with a sterilizer meeting the specifications of EN 285/ANSI/AAMI/ISO 11134-1993, ANSI/AAMI ST46-1993 and validated according to EN 554/ISO 13683.). When using the fractional vacuum method, use the 134°C-/2 bar program for sterilization with a minimum hold time of 5 minutes.

Recommended Products

STERILIT®
JG600

Aesculap Oil Spray in aerosol can (ozone-friendly), for maintenance of instruments prior to sterilization. Physiologically inert acc. to DAB and § 31 LMBG (German Pharmacopoeia).

STERILIT®
JG598

Aesculap Instrument Oil, for box locks, ratchets etc. prior to sterilization. Physiologically inert acc. to DAB and § 31 LMBG (German Pharmacopoeia).

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INCHES
1
2
3
4
5
6
7
8

Alphabetischer Index
Nummerischer Index
Alphabetical Index
Numerical Index

Alphabetischer Index – Alphabetical Index
A

	Seite
A	
ABBEY, Schleimhaut-Resektionsnadel	515
ABEL, Hakenzangen	677
Abfallzangen	19
Abortusküretten	713
Abortuslöffel	712
Abortuszangen	732-735
ABRAHAM, Tonsillenmesser	31
ADAIR, Hakenzangen	674
Adapter, bipolar	522, 533
Saug-	1099
ADLERKREUTZ, Gefäß- und Tumorpinzetten	179
ADSON, Arterienklemmen	225, 226
Chirurgische Pinzetten	170
DUROGRIP atraumatische Pinzetten	162
Feine anatomische Pinzetten	151, 152
Feine chirurgische Pinzetten	168, 169
Hohlmeißelzangen	1031
Laminektomie-Wundspreizer	468, 471
Monopolare Pinzetten	517
Nadelhalter	301
Nerv- und Gefäßhäkchen	358
Pinzetten, bajonettförmig	165
Raspatorien	968
Saugkanülen	1094, 1095
Trepanationsfräser	1052
ADSON-BABY, Wundspreizer	463
ADSON-BROWN, Wundrandpinzetten	170
AESCULAP, Biopsiezangen für Rektum	581
DUROGRIP Nadelhalter	323
Extensionsbügel	1061
Handbohrapparate	1054
Korn- und Tupferzangen	10, 186
Plazentar- und Abortuszangen	734
Tamponhalter	582
Waschzangen	10
AESCULAP-PRATT, Hakenzangen	680
Organ- und Gewebefasszangen	198
Ahlen	1055, 1056
ALEXANDER, Hohlmeißel	1001
Hohlmeißelzangen	1029
Raspatorien	974
Rippenraspatorien	863
ALLEN, Darmklemmen	547
Osteophytenmeißel mit Schaber	962
ALLENBERG, Durchzugsinstrumentarium für Gefäßprothesen	854
Gefäßklemmen	803
Iliaca-Sperrer	475
Wundspreizer	461
ALLIS, Arterien- und Gewebefasszangen	196
Atraumatische Darmfasszangen	544, 568
Atraumatische Organ- und Gewebefasszangen	836
Darm- und Gewebefasszangen	539
Lungenfasszangen	839

	Seite
ALLIS-ADAIR, Darm- und Gewebefasszangen	538
ALLIS-THOMS, Organ- und Gewebefasszangen	540
ALLISON, Lungenspatel	424, 881
ALLPORT, Wundspreizer	458
ALM, Wundpreizer	457
Amniotome	722
Amputationsmesser	28, 29, 917, 918
Amputationsretraktoren	920
Amputationssägen	921-923
Analsonden	342, 343, 579
Analspreizer	573, 576
Anastomosenklemmen	559, 560, 843
Anastomosenklemmen, Atraumatische-	563, 564, 566, 791-793, 799, 822, 823, 825, 828-831
Rektum-	561, 562
Anatomiescheren	68
Anatomische Pinzetten	156-158
Anatomische Pinzetten, Feine-	151-155, 783
ANDERSON-ADSON, Laminektomie-Wundspreizer	468
ANGLE, Drahtschneidezangen	1072
Anlegezangen, Bulldogklemmen	216, 786
Clip-	738-745
Anuskope	572
Aorta-Anastomosenklemmen, Atraumatische-	818, 819
Aorta-Aneurysma-Klemmen, Atraumatische-	813-815
Aortaklemmen, Atraumatische-	811, 816, 817, 832
Aortenklappenhaken	884
Aortenstanzen	852
Appendektomieklemmen	557
Approximatoren	211
Approximatoren, Nerv-	212
Arterienfasszangen	196
Arterienklemmen	231-241
Arterienklemmen, Feine-	220-230
Arteriotomie-Scheren	80
ASCH, Sekretlöffel	626
Uterus-Sekretlöffel	697
ASSMUS, Nervstripper	1046
ATRAUMATA, Anastomosenklemmen	791-793, 799, 808, 822, 823, 825, 828-831
Aorta-Anastomosenklemmen	818, 819
Aorta-Aneurysma-Klemmen	813-815
Aortaklemmen	811, 816, 817, 832
Bronchusklemmen	812
Bulldogklemmen	218, 219, 787-790, 820, 821
Coarctationsklemmen	804, 826, 827
Darmfasszangen	544, 545, 568
Darmklemmen	547, 548, 550, 552, 555
Druckklemmen	560, 612
Gallenblasenzangen	595
Gefäßclips	214, 215, 784, 785
Gefäßklemmen	794, 795, 801-803
Gewebefasszangen	544, 835-837
Hämorrhoidenklemmen	584

	Seite
ATRAUMATA, Hysterektomie- und Vaginalklemmen	267
Iliaca-Klemmen	807
Kapselfasszangen	622
Klemmzangen	272
Ligaturklemmen	797, 798
Magenklemmen	557
Mehrzweckklemmen	791-793, 809, 810, 823-825, 828, 833, 834
Nierenklemmen	608, 796
Nierenstielklemmen	612
Organfasszangen	191, 544, 835-837
Ovarienzangen	687
Pankreasklemmen	796
Parametriumklemmen	100, 268, 269
Patent-Ductusklemmen	805, 806, 826, 827
Peripheralklemmen	805-807
Pinzetten	160, 161, 567, 782, 783
Polypenzangen	687
Präparierklemmen	797, 798
Profundaklemmen	798
Rektum-Anastomosenklemmen	563, 564, 566
Ultra-Light-Pinzetten	159, 546, 781
Vena-Cava-Klemmen	800
Winkelklemmen	612
Atriumhaken	882, 883
AUFRICHT, Knochenraspeln	978
Aufsätze, Biopsie-	704, 705
Augenpinzetten	168
Augenscheren	49
AUSTIN, Mikro-Knüpfpinzetten	140
AUVARD, Scheidenspekula	656

B

BABCOCK, Atraumatische Darmfasszangen	544
Atraumatische Organ- und Gewebefasszangen	835
Atraumatische Organ-, Gewebe- und Darmfasszangen	545
Lungenfasszangen	839
Organ- und Gewebefasszangen	540
BABY-ADSON, Präparier- und Ligaturklemmen	245
BABY-ALLIS, Darm- und Gewebefasszangen	538
BABY-COLLIN, Bauchdeckenhalter	482
BABY-CRILE (KOCHER), Arterienklemmen	222
BABY-CRILE (PEAN), Arterienklemmen	222
BABY-CRILE-WOOD, DUROGRIP Nadelhalter	309
BABY-KOCHER, Atraumatische Darmklemmen	547
Darmklemmen	547
BABY-METZENBAUM, DUROTIP Präparierscheren	96, 102
NOIR Feine Präparierscheren	105, 106
Präparierscheren	87
SuperCut Scheren	91
BABY-MIKULICZ, Peritoneumklemmen	257
BABY-MIXTER, Präparier- und Ligaturklemmen	244
BABY-MOSQUITO (HARTMANN), Arterienklemmen	220
BABY-OVERHOLT, Präparier- und Ligaturklemmen	244
BABY-ROUX, Wundhaken	379
BABY-SATINSKY, Anastomosenklemmen	843
BABY-SENN-MILLER, Wundhaken	377
BACKHAUS, Tuchklemmen	203
BACKHAUS-KOCHER, Tuchklemmen	203
BAILEY, Rippenkontraktoren	877
BAINBRIDGE, Darmklemmen	547
Bajonettförmige Pinzetten	165, 166
BAKES, Gallengangdilatationsoliven	601
BALFOUR, Bauchdeckenhalter	486-488
BALFOUR-BABY, Bauchdeckenhalter	485
BANE-HARTMANN, Hohlmeißelzangen	1028
BARNES-NEVILLE, Geburtszangen	729
BARRAQUER, Lidsperrer	458
Mikro-Nadelhalter	283, 771
BARRÉ, Fadenhaltebügel	621
Präparierklemmen	252, 619
Präparierschere	618
Prostataretraktor	452, 620
Urethraretraktor	452, 620
BARRON, Hämorrhoidal-Ligator	585, 586
Saugkanülen	1097
Skalpellgriff	38
BARSKY, Hauthäkchen	363
BARTH, Scharfe Löffel	981
Bauchdeckenhaken	437-439, 443-446
Bauchdeckenhalter	447, 448, 482, 483, 485-495
Bauchdeckenscheren	122
Bauchdeckenvalven	482-484
Bauchspatel	435, 436, 450, 451
BAUMGARTNER, DUROGRIP Drahtspannzangen	312, 1067
DUROGRIP Nadelhalter	308
Nadelhalter	299
BEACHAM, Amniotom	722
Becher, Mess-	1108
BECK, Rongeure	902
Beckenzirkel	720
BECKMANN-ADSON, Laminektomie-Wundspreizer	470
BECKMANN-EATON, Laminektomie-Wundspreizer	471
BEEBE, Blech- und Drahtscheren	129
BEHRMAN, Uterus-Kanülen	717
Beinhautmesser	29, 918
BELLUCI, Saugkanülen	1098
BENGOLEA, Arterienklemmen	228
BENNETT, Knochenhebel	945
BENSAUDE, Anuskope	572
BENSON, Pylorusspreizer	557
BERGER, Biopsiezangen	703
BERGMANN, Gipsscheren	1083
Hämmer	995
Skalpelle	26
Wund- und Trachealhäkchen	364

Alphabetischer Index – Alphabetical Index
B

	Seite
BERKELEY-BONNEY, Hysterektomieklemmen	266
BERNHARD, Hakenzangen	674
Tuchklemmen	203
BERRY, DUROGRIP Drahtspannzangen	312, 1068
Beschneidungsklemmen	631
BETHUNE, Rippenscheren	857
BEYER, Hohlmeißelzangen	1029, 1032
Biegeinstrumente	1059
Biegezangen für Kirschnerdrähte	1071
BIEMER, Anlegepinzetten für Gefäßclips	210, 211
Gefäßclips	210
Mikro-Approximatoren	211
Mikro-Venenscheren	51
Nerv-Approximator	212
BIEMER-MÜLLER, Approximatoren	211
BIER, Amputationssägen	922
Biopsie-Instrumente für Knochen	1057
Biopsieaufsätze	704, 705
Biopsieküretten, Endometrium-	698
Biopsiezangen	699-704, 706
Biopsiezangen für Rektum	580-582
Biopsiezangen, Aufsätze	581, 704, 705
Bipolare Anschlusskabel	532, 533
Bipolare Klemmen	531
Bipolare Koagulationspinzetten	523-527
Bipolare Pinzetten	528, 529, 620
Bipolare Präparierscheren	530
BIRCHER, Meniskus- und Knorpelzangen	1043
BIRCHER-GANSKE, Meniskus- und Knorpelzangen	1043
BIRKETT, Arterienklemmen	228
BISHOP-HARMON, Chirurgische Pinzetten	168
BLAKE, Embolusfasszangen	846
Gallensteinzangen	603
Uteruküretten	711
Blasenhalsspreizer	622
Blasenspatel	496, 617
Blasensprenger	722
Blasenwundspreizer	496, 617
Blechscheren	129, 1072, 1073
Blechscheren, DUROTIP	1072
Bleihand	1049
BLOUNT, Wund- und Meniskushaken	400, 1045
BLUMENTHAL, Hohlmeißelzangen	1028
Blutschöpfer	453
Blutsperre	916
BÖHLER, Extensionsbügel	1062
Hohlmeißelzangen	1032
Knochensplitterzangen	1040
Bohrapparate, Hand-	1052, 1053
Bohrdrähte	1058, 1059
Bohrer, Knochen-	1055
Spiral-	1054
Trepanations-	1052, 1053
Bohrfutter, Hand-	1064
Bolzenschneider	1078
BONNER MODELL, Mikro-Knüpfpinzetten	139
BONNEY, Anatomische Pinzetten	158
Chirurgische Pinzetten	177
Polypen- und Ovarienzangen	688
BOROWSKI, Aortenklappenhaken	884
BORST, Fixierklemmen	842
BOSE, Wund- und Trachealhäkchen	364
Wundspreizer	456
Bougies, Harnröhren-	629, 630
BOWMAN, Sonden	347
BOYS-ALLIS, Arterien- und Gewebefasszangen	196
Darm- und Gewebefasszangen	538
BOZEMANN, Scheidenspekula	658
Tamponzangen	672, 673
Uterusscheren	119
BOZEMANN-DOUGLAS, Tamponzangen	673
BRAITHWAITE, Handdermatom	35
BRAND, Sehnenführungszangen	195
BRAUN, Hakenzangen	675, 678
Organ- und Gewebefasszangen	197
Scheidenspekula	648
Uterus-Depressor	671
BRAUN-STADLER, Dammscheren	124, 724
Sternumscheren	856
BREISKY, Scheidenspekula	653
BRIDGE, Arterienklemmen	230
BRISTOW, Knochenhebel	933
BRODIE, Analsonden	579
Hohlsonden	342
BROM, Nerv- und Gefäßhäkchen	357
Bronchusklemmen	845
Bronchusklemmen, Atraumatische-	812
BROPHY, Chirurgische Pinzetten	173
Feine anatomische Pinzetten	155
BROWN, Chirurgische Pinzetten	170
BRÜNINGS, Verlängerungsrohre	705
Zungenspatel	4
BRUNNER, Führungs-Hohlsonden	336
Rektum-Anastomoseklemmen	561
Rippenscheren	858
Unterbindungsnadeln	336, 1056
Wundhaken	418, 419
BRUNS, Gipsscheren	135, 138, 1084
Scharfe Löffel	984, 987
BRYANT, Tupferzangen	184
BUCHWALD, Zungenspatel	4
BUCK, Watteträger	349
BUCK-GRAMCKO, Knochenhebel	932
BÜCHS, Raspatorien	972
Wundhaken	407
Bügel, Extensions-	1060-1062
Fadenhalte-	621

	Seite
Bulldogklemmen	216, 217, 786, 787
Bulldogklemmen, Atraumatische-	218, 219, 788-790, 820, 821
Bulldogscheren	76
Bumerang Nadelhalter	326, 623
BUMM, Plazentar- und Abortusküretten	713
Uteruskürетten	710
BUNNEL, Sehnendurchziehsonden	1048
Sehnenstripper	1047
BUNNELL, Handbohrapparat	1054
BUNT, Sterilisierklammern	207
BURKE, Parametriumklemmen	271, 692, 693
BUSHE, Scharfe Löffel	986

C

CAIRNS, Arterienklemmen	223
Durahäkchen	360
Knochendeckelelevatorien	930
CAIRNS-DOTT, Feine anatomische Pinzetten	154
CANNY-RYALL, Wundhaken	386
CARBOTRAC Wundhaken	412
Carotis Shunt Klemmen	842
CARREL, Arterienklemmen	220
CASPAR, Fadengabel	339
Küretten	988, 989
Nerv- und Gefäßhäkchen	359
Raspatorien	969
Rongeure	904-906, 910
Scharfe Löffel	988
Skalpellgriff	44
Stößel	997
Wirbelsäulen-Wundspreizer	478, 479
Wundhaken	408
CASTANEDA, Atraumatische Anastomosen- und Mehrzweckklemmen	791
CASTROVIEJO, Augenscheren	49
Chirurgische Pinzetten	168
DUROGRIP Nadelhalter	286, 287, 773, 774
Mikro-Federscheren	48
Mikro-Nadelhalter	282, 770
CATLIN, Amputationsmesser	28, 917
CAWTHORNE, Watteträger	347
Cerclagedraht	1065
CHADWICK, Feine Scheren	67
Zahnfleischscheren	67
CHAMPIONNIÈRE, Knochenbohrer	1055
CHANDLER, Elevatorien	930
CHAPUT, Arterienfasszangen	196
Darm- und Gewebefasszangen	538
CHARNLEY, Chirurgische Pinzetten	178
CHARRIÈRE, Amputationssägen	921, 922
CHEATTLE, Sterilisierzangen	1109
CHERON, Korn- und Tupferzangen	189

	Seite
Chirurgische Nadeln	276-278
Chirurgische Pinzetten	170, 173-179
Chirurgische Pinzetten, Feine-	168, 169, 171, 172
Chirurgische Scheren	71-75, 82, 122
Chirurgische Scheren, DUROTIP	93, 101
Cholezystektomieklemmen	592
CITELLI, Stanzen	892
CITELLI-BEYER, Stanzen	892
CLAR, Stirnlampen	3
CLAUS VAN EICKEN, Unterbindungsnadeln	333
Clipanlegepinzetten	210, 211
Clipanlegezangen	738-745
Clips, Atraumatische Gefäß-	214, 215, 784, 785
Gefäß-	210, 213
Titanligatur-	738, 740, 742, 744
CLOWARD, Wirbelkörperspreizer	481
CLOWARD MODIF., Wirbelsäulen-Wundspreizer	480
Coarctationsklemmen, Atraumatische-	804, 826, 827
COBB, Raspatorien	974
COBBETT, Handdermatom	35
Colectomie-Klemmen	554
COLLER, Arterienklemmen	224
COLLEY, Atraumatische Patent-Ductusklemmen	827
COLLIN, Arterienklemmen	241
Atraumatische Darmfasszangen	544
Atraumatische Organ- und Gewebefasszangen	191, 837
Bauchdeckenhalter	482
Darmfasszangen	541
Klammerentfernungszangen	352
Korn- und Tupferzangen	189
Nabelschnurklemmen	724
Nierenfasszangen	613
Organ- und Gewebefasszangen	192
Scheidenspekula	636
Tupfer- und Schwammzangen	192
Uterusfasszangen	688, 689
Uteruskürетten	711
Wundhaken	380
Zungenzange	16
COLLIN-HARTMANN, Wundhaken	378
COLLIN-POZZI, Hakenzangen	675
CONE, Hemilaminektomiespreizer	469
CONVERSE, DUROGRIP Nadelhalter	307
Nadelhalter	299
Nasenflügelretraktor	363
Wundhäkchen	363
COOLEY, Anastomosen- und Mehrzweckklemmen	828
Atraumatische Anastomosen- und Mehrzweckklemmen	792, 793, 825
Atraumatische Anastomosenklemmen	822, 829, 831
Atraumatische Aortaklemme	832
Atraumatische Bulldogklemmen	820, 821
Atraumatische Coarctationsklemmen	826, 827
Atraumatische Mehrzweckklemmen	823, 824, 833

Alphabetischer Index – Alphabetical Index
C - D

	Seite
COOLEY, Atraumatische Patent-Ductusklemmen	826
Atraumatische Pinzetten	161, 783
Atriumhaken	882
Feine anatomische Pinzetten	155, 783
Gefäßscheren	114
Sternumsperrer	873
COOLEY MODIF. STRUCK, Atriumhaken	883
COOLEY-BECK, Atraumatische Anastomosenklemmen	822
COOPER, Chirurgische Scheren	73
Unterbindungsnadeln	334
CORYLLOS, Wundhaken	425
COTTLE, Bulldog-Scheren	76
Fischschwanzosteotom	1001
Fixierpinzetten	165
Hämmer	992
Hauthäkchen	361
Nasenflügelretraktor	373
Osteotome	1001
Raspatorien	965, 969
Wund- und Venenhaken	373
COTTLE-KNAPP, Präparierscheren	77
COTTLE-MASING, Präparierscheren	77
CRAFOORD, Arterienklemmen	229
CRAFOORD MODIF., Arterienklemmen	230
Gefäßklemmen	844
CRAFOORD-SELLORS, Gefäßklemmen	844
CRILE, Arterienklemmen	222, 224
Nadelhalter	305
Nerv- und Gefäßhäkchen	357
Wundhaken	379
CRILE-MURRAY, Nadelhalter	300
CRILE-WOOD, DUROGRIP Nadelhalter	309
Nadelhalter	300
CUSCO, Scheidenspekula	637, 638
CUSHING, Chirurgische Pinzetten	173
DUROGRIP Pinzetten	164
Feine anatomische Pinzetten	155
Fräser	1052
Nerv- und Gefäßhäkchen	357, 359
Rongeure	902, 903, 906
Wund- und Venenhaken	375, 376
CUSHING-KOCHER, Wund- und Venenhaken	374
Cystikusklemmen	591, 593
CZERNY, Gallensteinzangen	604
Hakenzangen	679
Mastdarm-Rektum-Spekula	570
Organ- und Gewebefasszangen	197
Wundhaken	384

D

	Seite
Dammscheren	124, 724
DANDY, Arterienklemmen	221
Darm-Zwillingsklemmen	556
Darmfasspinzetten	543
Darmfasszangen	538, 539, 541, 542
Darmfasszangen, Atraumatische-	544, 545, 568
Darmklemmen	547-551, 553-555
Darmklemmen, Atraumatische-	547, 548, 550, 552, 555
Darmnadeln	278
Darmpinzetten	180, 543
Darmquetschklemmen	558
Darmscheren	125, 127, 567
Darmspatel	435, 436, 450, 451
DARTIGUES, Nierenfasszangen	613
Uterusfasszangen	689
DAUBENSPECK, Scharfe Löffel	985
DAVIDSON, Scapula Haken	426, 880
DAVIS, Gefäßspatel	850
DE BAKEY, Arteriotomiescheren	80
Atraumatische Anastomosen- und Mehrzweckklemmen	792
Atraumatische Aorta-Aneurysma-Klemmen	813-815
Atraumatische Aortaklemmen	817
Atraumatische Bulldogklemmen	218, 219, 788-790
Atraumatische Coarctationsklemmen	804
Atraumatische Gefäßklemmen für Tangential-Verschluss	801
Atraumatische Iliaca-Klemmen	807
Atraumatische Mehrzweckklemmen	809, 810
Atraumatische Patent-Ductusklemmen	805
Atraumatische Peripheralklemmen	805-807
Atraumatische Pinzetten	160, 161, 546, 567, 782, 783
Atraumatische Präparier- und Ligaturklemmen	798
DUROGRIP Nadelhalter	313, 314, 776, 777
DUROTIP Gallengangscheren	597
DUROTIP Gefäßscheren	100
Femur-Wundspreizer	473
Gefäßdilatatoren	847
Gefäßscheren	110
Offset-Schere	111
Präparierschere	80
Rippensperrer	870, 871
Saugkanülen	885, 1094
DE BAKEY (LAMBERT MODIF.), Atraumatische Aorta-Anastomosenklemmen	819
DE BAKEY (MORRIS MODIF.), Atraumatische Aortaklemmen	811
Atraumatische Rektum-Anastomoseklemmen	563
DE BAKEY (SEMB MODIF.), Atraumatische Aorta-Aneurysma-Klemmen	813
DE BAKEY-BAINBRIDGE, Atraumatische Gefäßklemmen	794
DE BAKEY-BECK, Atraumatische Vena-Cava-Klemmen	800
DE BAKEY-HARKEN, Atraumatische Vena-Cava-Klemmen	800
DE BAKEY-HESS, Bulldogklemmen	217, 787

	Seite
DE BAKEY-MC QUIGG-MIXTER, Atraumatische Präparier- und Ligaturklemmen	797
DE BAKEY-MIXTER, Atraumatische Präparier- und Ligaturklemmen	797
DE BAKEY-PEAN, Atraumatische Gefäßklemmen	795
DE BAKEY-RUMEL, Atraumatische Präparier- und Ligaturklemmen	797
DE BAKEY-SATINSKY, Atraumatische Gefäßklemmen für Tangential-Verschluss	802
DE LEE, Beckenzirkel	720
DE MARTEL, Umführungsinstrumente	925
DE MARTEL-WOLFSON, Anastomosenklemmen	559
Schließzangen	559
DEAVER, Chirurgische Scheren	75
Wundhaken	429-434
DEMEL, Drahtspannzangen	1065
Drahtumführungsnadeln	1066
DENIS-BROWNE, Bauchdeckenhalter	490
Darmpinzetten	180, 543
Depressor, Uterus-	671
DERF, DUROGRIP Nadelhalter	307
Nadelhalter	299
Dermatome	35
DERRA, Atraumatische Anastomosen- und Mehrzweckklemmen	793
DERRA-COOLEY, Atraumatische Anastomosenklemmen	823
DESCHAMPS, Unterbindungsnadeln	329-333
DESJARDINS, Gallengangsonden	599
Gallenkanal- und Cystusklemmen	591
Gallensteinlöffel	602
Gallensteinzangen	605
Präparier- und Ligaturklemmen	256
DESMARRES, Wund- und Venenhaken	373
DIADUST, Mikro-Nadelhalter	289, 291, 293, 295, 296, 759, 761, 763, 765-767, 769
Mikro-Pinzetten	145, 147, 149, 150, 753, 755, 757, 769
Nadelhalter	297, 298, 767
DICK, Atraumatische Anastomosenklemmen	808
Atraumatische Druckklemmen	560
Atraumatische Klemmzangen	272
DIEFFENBACH, Bulldogklemmen	216, 786
DIETHRICH, Atraumatische Aortaklemmen	816
Bulldogklemmen	787
Gefäßscheren	110
DIETHRICH-HEGEMANN, Gefäßscheren	110
Dilatatoren, Gallengang-	600, 601
Gefäß-	847, 848
Nabelschnur-	724
Tracheal-	474
Uterus-	662-666
DINGMANN, Knochenhaltezangen	1017
DINGMANN MODIF., Knochenhaltezangen	1017
Dissektoren	849, 850, 928, 929
Dissektoren, Phlebo-	889
Dissektoren, Saug-	1103
Tonsillensaug-	1103
Distraktor	1014
DITTEL, Gallengangdilatatoren	600
Metallbougie-Öffner	629
DIXON-LOVELACE, Arterienklemmen	225
DOCKHORN, Wundhaken	408
Doppelknopfsonden	346
Dosen, Nadel-	279
DOYEN, Atraumatische Darmklemmen	548, 550
Bauchdeckenhaken	446
Darmklemmen	548-550
Gallenblasenzangen	596
Hohlsonden	342
Myomheber	690
Nadelhalter	299
Polypen- und Ovarienzangen	687
Raspatorien	976
Rippenraspatorien	861
Scheidenspekula	650, 651, 654
Wundhaken	444
DOYEN-CHILD, Bauchdeckenhalter	447
Drähte, Bohr-	1058, 1059
Draht, Cerclage-	1065
Drahtbiegezangen	1069, 1071, 1073
Drahtbürstchen	523
Drahtfasszangen	1070, 1071
Drahtfasszangen, DUROGRIP	1067
Drahtsägen	924
Drahtscheren	129, 1072, 1073
Drahtscheren, DUROTIP	100, 1072
Drahtschlingenelektroden	511, 512
Drahtschneidezangen	1068, 1072-1078
Drahtspannzangen	1065
Drahtspannzangen, DUROGRIP	312, 1067, 1068
Drahtumführungsnadeln	1066
Druckklemmen	584, 612
Druckklemmen, Atraumatische-	612
Ductusklemmen, Atraumatische-	805, 806, 826, 827
DUNHILL, Arterienklemmen	222, 227
DUPLAY, Hakenzangen	677
Korn- und Tupferzangen	185
Durahäkchen	360-363
Durascheren	112
Durchzugsinstrumente für Gefäßprothesen	853, 854
DURHAM, Wundhaken	405
DUROGRIP, Drahtfasszangen	1067
Drahtspannzangen	312, 1067, 1068
Knochenraspeln	979
Nadelhalter	286, 287, 307-310, 312-321, 324, 568, 773-779
Nadelhalter mit Schere	311
Nahtpinzetten	163, 178
Pinzetten	162-164, 543

Alphabetischer Index – Alphabetical Index
D - F

	Seite
DUROTIP, Draht- und Blechscheren	100, 1072
Gallengangscheren	597
Ligaturscheren	104
Scheren	92-100, 103
Scheren mit Wellenschliff	101-104
Uterusscheren	103
DUVAL, Darmfasszangen	542
Darmpinzetten	180, 543
Lungenfasszangen	839
DUVAL-COLLIN, Darmfasszangen	541

E

EAST GRINSTEAD (WARD), Flachmeißel	1002
Osteotome	1002
EASTMAN, Flachmeißel	1002
ECHLIN, Hohlmeißelzangen	1033
ECKHOFF, Zeichenfeder	25
Einmal-Elektrodenhandgriffe	508
Einmalskalpelle	22-24
Elektrische Haarschneidemaschinen	9
Elektroden, Drahtschlingen-	511, 512
Kugel-	510, 511, 513
Lanzetten-	509
Messer-	509, 511
Nadel-	509-513
Platten-	510
Schlingen-	509, 513
Elektrodenhandgriffe	506-508, 513
Elektrodenhandgriffe, Einmal-	508
Elevatorien	930, 931, 963
Elevatorien, Knochendeckel-	930
Embolusfasszangen	846
EMMET, Fistelhaken	372
Korn- und Tupferzangen	189
Endarterektomiestripper	851
Endometrium-Biopsieküretten	698
Endospekula für Harnröhre und Cervix	667
ENGEL, Gipssägen	1082
ENGL. MODELL, Tuchklemmen	201
Entfernungshaken, I.U.D.	697
Enukleationsscheren	77
EPPENDORF, Biopsiezangen	703
Ersatzklingen	9
ESMARCH, Gipsmesser	1082
Gipsscheren	135, 138, 1083
Staubbinde	916
Explorationshäkchen	359
Extensionsbügel	1060-1062
Extraktionszangen für Bohrdrähte	1070, 1071
Extraktoren, Phleb-	889

F

Fadengabel	339
Fadenhaltebügel	621
Fadenhaltezangen	326, 622
Fadenklemmen	213
Fadenmesser	43
Fadenpinzetten	158
Fadenscheren, DUROTIP	92, 101
Mikro-	60, 768
FARABEUF, Knochenhaltezangen	1019
Raspatorien	971
Wundhaken	379
FARABEUF-COLLIN, Raspatorien	971
FARABEUF-LAMBOTTE, Knochenhaltezangen	1019
FARRELL, Watteträger	348, 350
Fasszangen, Arterien-	196
Atraumatische Darm-	544, 568
Atraumatische Gewebe-	544, 545, 835-837
Atraumatische Kapsel-	622
Atraumatische Organ-	191, 544, 545, 835-837
Darm-	538, 539, 541, 542
Draht-	1070, 1071
Draht-, DUROGRIP	1067
Embolus-	846
Gewebe-	193, 196-199, 538-540, 543
Hämorrhoiden-	585
Ligamentum-flavum-	913
Lungen-	838, 839
Nieren-	613
Organ-	193, 197-199, 540, 543
Rippen-	859
Sehnen-	194
Tumor-	909
Uterus-	688, 689
Vorhaut-	625
FAURE, Biopsiezangen	700
Peritoneumklemmen	260
FAVOLORO, Gefäßscheren	111
FEILCHENFELD, Splitterpinzetten	181
Feilen, Knochen-	978-980
Nagel-	13
Feine anatomische Pinzetten	153, 783
Feine Präparierscheren	62, 63, 76, 78, 80, 81
Feine Präparierscheren, NOIR-	105
Feine Scheren	12, 61, 63-70
Feine Scheren, DUROTIP	92
Femur-Wundspreizer	473
FERGUSSON, Druckklemmen	584
Knochenhaltezangen	1018
Saugkanülen	1095, 1096, 1102
FERGUSSON-ACKLAND, Mundsperrer	14
FERRIS-SMITH, DUROGRIP Pinzetten	163
FICKLING, Arterienklemmen	237
Finger-Goniometer	8

	Seite
Fingerringsägen	1079
FINOCHIETTO, DUROGRIP Nadelhalter	318
Präparier- und Ligaturklemmen	251, 840
Rippensperrer	866-868
Thoraxsperrer	864, 865
FINOCHIETTO-BURFORD, Rippensperrer	869
FINSEN, Wundspreizer	456
FINSEN MODIF., Wundspreizer	456
FINSTERER, Saug- und Spülkanülen	886, 1104
FISCH, Dura- und Hauthäkchen	363
Fischschwanzosteotom	1001
Fistelhaken	372
Fistelmesser	30
Fistelsonden	343, 579
Fixierklemmen	842
Fixierpinzetten	165
Flachmeißel	998-1003, 1006, 1007, 1010
Flachzangen	1069, 1070
FÖRSTER-BALLENGER, Gallenblasenzangen	594
Tupfer- und Schwammzangen	190
FOMON, Knochenfeilen	979
Knochenraspeln	979
Nasenflügelretraktor	370
Nasenflügelscheren	77
FORMBY, Saugkanülen	1097
FOWLER, Tonsillenmesser	31
Fräser, Trepanations-	1052, 1053
FRASER-KELLY (CRILE), Arterienklemmen	226
FRAZIER, Hauthäkchen	360
Saugkanülen	1096
FREER, Dissektoren	849
Flachmeißel	998
Hauthäkchen	361
Hohlmeißel	998
Raspatorien	963-965
FREER-YASARGIL, Raspatorien	965
Fremdkörperzangen	200, 626, 672
FRIEDMAN, Hohlmeißelzangen	1026
FRITSCH, Bauchdeckenhaken	445
FRYKHOLM, Hohlmeißelzangen	1033
FUCHSIG, Arterienklemmen	225
Führungs-Hohlsonden	336-338
Führungsnadeln	353

G

GABRIEL, Hämorrhoidal-Kanülen	587
Hämorrhoidal-Spritze	587
Rektum-Spekula	573
GALABINS, Uterussonden	670
GALLAHER, Knochenfeilen	978
Gallenblasenscheren	596
Gallenblasenzangen	594-596
Gallenblasenzangen, Atraumatische-	595
Gallengang-Klemmzangen	590
Gallengangdilatatoren	600, 601
Gallengangscheren	596, 597
Gallengangscheren, DUROTIP	597
Gallengangsonden	598, 599
Gallenkanal-Klemmzangen	590-593
Gallensteinlöffel	602
Gallensteinzangen	603-605
GARRETT, Gefäßdilatatoren	848
Geburtslöffel	730
Geburtszangen	726-729
Gefäß-Spülkanülen	846
Gefäßclips	210, 213
Gefäßclips, Atraumatische-	214, 215, 784, 785
Gefäßdilatatoren	847, 848
Gefäßhäkchen	356-359
Gefäßklemmen	844
Gefäßklemmen, Atraumatische-	794, 795, 801-803
Gefäßprothesen-Durchziehzangen	854
Gefäßscheren	63, 78, 108-115, 751
Gefäßscheren, DUROTIP	100
Gefäßspatel	849, 850
GELPI, Hautspreizer	473
Vulva-Spreizer	473, 659
GEMINI, Präparier- und Ligaturklemmen	248
GERALD, Feine anatomische Pinzetten	154
Feine chirurgische Pinzetten	172
Mikro-Pinzetten	149, 757
Gestationskalkulator	720
Gewebe-Auffangsieb	714, 1090
Gewebefasspinzetten	179, 180, 543
Gewebefasszangen	190, 192, 193, 196-199, 538-540, 543
Gewebefasszangen, Atraumatische-	544, 835-837
Gewebekralle	363
GIERTZ-STILLE, Rippenscheren	858
GIGLI, Drahtsägen	924
GILLIES, DUROGRIP Nadelhalter mit Schere	311
Feine anatomische Pinzetten	154
Feine chirurgische Pinzetten	172
Hauthäkchen	362
Monopolare Pinzetten	517
Nadelhalter mit Schere	304
Osteotome	999
Saugkanülen	1101
Gipsabreißzangen	1087
Gipsmesser	1082
Gipssägen	1082
Gipsscheren	134, 135, 1083-1086
Gipsspreizer	1087
GLASSER, DIADUST Mikro-Nadelhalter	296, 766
Glocken, Saug-	725
GLOVER, Atraumatische Anastomosenklemmen	799

Alphabetischer Index – Alphabetical Index
G - H

	Seite
GLOVER, Atraumatische Bulldogklemmen	218, 219, 788, 789
GLUCK, Rippenscheren	857
GOELET, Wundhaken	386
GOLDMAN-FOX, Zahnfleischschere	92
GOLIGHER, Bauchdeckenhalter	488
Goniometer Finger-	8
GORNEY, Präparierscheren	81
Saugdissektoren	1103
SuperCut Scheren	90
GOSLEE, Drahtbiegezangen	1069
GOSSET, Bauchdeckenhalter	485
GOULIAN, Handdermatom	34
GOURDET, Uteruslöffel	707
GRAEFE, Chirurgische Pinzetten	170
Haut- und Wundhäkchen	360
Nerv- und Gefäßhäkchen	356
Präparierscheren	76
GRAVE, Scheidenspekula	640
GRAY, Cholezystektomieklemmen	592
Präparier- und Ligaturklemmen	256
GREEN-ARMYTAGE, Uterus-Klemmzangen	730, 731
GREENE, Wundhaken	406
GREGORY, Profundaklemmen	798
GREY-TURNER, Arterienklemmen	227
Griffe, Saug-	1092
Skalpell-	38-41, 44, 45, 618
GROSS, Korn- und Tupferzangen	10, 185
Waschzangen	10
GRUENWALD, Pinzetten, bajonettförmig	166
DUROGRIP Pinzetten	164
GULEKE, Hohlmeißelzangen	1030
GUTHRIE, Haut- und Wundhäkchen	360
GUYON, Atraumatische Nierenklemmen	608
Metallbougie-Öffner	630
Nierenklemmen	608-610
GWILLIAM, Hysterektomieklemmen	266
Gynäkologiescheren	117-121

H

	Seite
Haarschneidemaschinen, elektrische-	9
HAASE, Repositionszangen	1014
HABERER, Bauch- und Darmspatel	450
Häkchen, Dura-	360-363
Explorations-	359
Gefäß-	356-359
Haut-	360-363
Nerv-	356-359
Samenstrang-	625
Tracheal-	364-366
Hämmer	992-996
Hämorrhoidal-Fasszangen	585
Hämorrhoidal-Kanülen	587
Hämorrhoidal-Ligatoren	585, 586
Hämorrhoidal-Spritze	587
Hämorrhoidenklemmen	583
Hämorrhoidenklemmen, Atraumatische-	584
HAIGHT, Rippensperrer	867
HAJEK, Hämmer	993
Spülkanülen	598
Wundhaken	385
HAJEK-KOFLER, Stanzen	893, 894
HAKANSSON, Hohlmeißelzangen	1028
Haken, Aortenklappen-	884
Atrium-	882, 883
I.U.D.-Entfernungs-	697
Meniskus-	1045
Scapula-	880
Hakenzangen	674-684
HALLE, Dissektoren	849
Elevatorien	963
Scharfe Löffel	985
HALSEY, DUROGRIP Nadelhalter	307, 308
Nadelhalter	299
HALSTED, Arterienklemmen	225
HALSTED-MOSQUITO, Arterienklemmen	220, 226
Halter, Bauchdecken-	482, 483, 485-495
Handbohrapparate	1052-1054
Handbohrfutter	1064
Handdermatome	34, 35
Handfixierplatte	1049
Handgriffe, Elektroden-	506-508, 513
modular	959
Harnröhrenbougies	629, 630
HARRINGTON, Lungenspatel	878
Wundhaken	422
HARRINGTON-PEMBERTON, Lungenspatel	879
Wundhaken	423
HARTMANN, Atraumatische Darmklemmen	548
Darmklemmen	548
Stimmgabeln	6
Watteträger	351
HARVEY, Draht- und Blechscheren	129, 1073
Drahtschneidezangen	1074
HARVEY JACKSON, Laminektomie-	470
HASSON, Wundhaken	428
Hauthäkchen	360-363
Hautkralle	363
Hautspreizer	473
Hautstanzen	33
HEANEY, Atraumatische Hysterektomie- und Vaginalklemmen	267
DUROGRIP Nadelhalter	315
Hysterektomieklemmen	261
Nadelhalter	302
Scheidenspekula	652
Uteruskürette	711
Wundhaken	652

	Seite
HEANEY MODIF., Hysterektomieklemmen	261
HEANEY-BALLENTINE, Hysterektomieklemmen	262
HEANEY-REZEK, Hysterektomieklemmen	261
HEATH, Hämmer	996
Klammerentfernungszangen	352
Hebel, Knochen-	932-945, 947-959
Luxations-	945
Heber, Myom-	690
HEGAR, DUROGRIP Nadelhalter	310
Nadelhalter	302
Uterus-Dilatatoren	662-664
HEGAR-MAYO, DUROGRIP Nadelhalter	310
HEGAR-MAYO-SEELEY, DUROGRIP Nadelhalter	309
HEGAR-OLSEN, DUROGRIP Nadelhalter mit Schere	311
Nadelhalter mit Schere	304
HEGAR-OLSEN MODIF. LANGE , DUROGRIP Nadelhalter mit Schere	311
HEGENBARTH, Klammeranlegepinzetten	352
HEIMING, Nierensteinzangen	614
HEISS, Arterienklemmen	227
Präparier- und Ligaturklemmen	250
HEISTER, Mundsperrer	14
HELLBERG/KUPKA, DUROGRIP Nadelhalter	321, 775
Hemilaminektomiespreizer	469
HEMINGWAY, Scharfe Löffel	982
HENCKEL-TILLEY, Rongeur	900
HENDERSON, Wundspreizer	465
HENNIG, Gipsspreizer	1087
HERFF, Blasensprenger	722
HERRICK, Nierenstielklemmen	611
HERTZLER, Bauchdeckenhalter	485
Rippensperrer	485, 866
HERZ, Sehnenfasszangen	194
HESS, Nervwurzelhaken	376
HEY GROVES, Knochenhaltezangen	1022
HEYWOOD-SMITH, Gallenblasenzangen	594, 595
Hämorrhoidenklemmen	583
Organ- und Gewebefasszangen	193
Polypen- und Ovarienzangen	685, 686
Tupfer- und Schwammzangen	192, 193
Zungenzange	16
HEYWOOD-SMITH MODIF., Gallenblasenzangen	596
Hämorrhoidenklemmen	583
Tupfer-und Schwammzangen	192
Zungenzange	16
HIBBS, Osteotome	1004
Retraktor	946
HILL, Raspatorien	965
HÖSEL, DUROGRIP Nadelhalter	324
Wundhaken	411, 569
Hohlmeißel	998-1001, 1003, 1007-1011
Hohlmeißel, Skoliose-Operationen	1008
Spongiosa-	1010
Hohlmeißelzangen	860, 1026-1037
Hohlsonden	342, 929
Hohlsonden, Führungs-	336-338
HOHMANN, Knochenhebel	940
HOHMANN-ALDINGER, Knochenhebel	943
HOLZBACH, Bauchdeckenhalter	483
Hysterektomieklemmen	265
HOPT, Atraumatische Klemmen für Nieren- und Pankreaseingriffe	796
Hornhautpinzetten	151
HOUSE, Saug- und Spülkanülen	1104
Saugadapter	1099
HOWARTH, Raspatorien	964
HUDSON, Chirurgische Pinzetten	170
Feine anatomische Pinzetten	151
Handbohrapparate	1052
Trepanationsfräser	1052
HUDSON DOWNS, Handbohrapparate	1053
Trepanationsfräser	1053
Hüftrektraktoren, MIOS-	947-959
HUMBY, Handdermatom	35
HUNTER, Splitterpinzetten	181
HURD, Unterbindungsnadeln	332
Hysterektomieklemmen	260-266, 270
Hysterektomieklemmen, Atraumatische-	267
Hysterektomiescheren, DUROTIP	100

I

Iliaca-Klemmen, Atraumatische-	807
Iliaca-Sperrer	475
INGE, Wirbelkörperspreizer	481
Instrumente, Tunnelierungs-	853
Instrumenten-Öl	1112
Inzisions-Scheren	75
Irisscheren	61, 64
IRWIN, Wundspreizer	467
ISRAEL, Wundhaken	393
IVES-FANSLER, Anuskope	572

J

JACKSON, Scheidenspekula	650
Sehnenfasszangen	194
JACKSON-BURROWS, Chirurgische Pinzetten	177
Wundspreizer	472
JACOBS, Hakenzangen	682
JACOBSON, Arterienklemmen	226
Mikro-Federscheren	52
Mikro-Nadelhalter	282, 770
Scharfe Löffel	981
JÄGER, Hauthäkchen	362
Sehnen- und Kreuzband- Durchziehzangen	195

Alphabetischer Index – Alphabetical Index
J - K

	Seite
JAMESON, Nadelhalter	302
Präparierscheren	79
SuperCut Scheren	90
JAMESON-WERBER, Präparierscheren	79
JANSEN, Pinzetten, bajonettförmig	165
Hohlmeißelzangen	1028, 1029
Raspatorien	972
Scharfe Löffel	981, 982
JAVID, Carotis Shunt Klemmen	842
JEFFERSON, Feine anatomische Pinzetten	152
Feine chirurgische Pinzetten	169
Wundspreizer	464
JENKNER, Tunnelierungs- und Durchzugsinstrumentarium für Gefäßprothesen	853
JOHNS-HOPKINS, Anlege- und Abnehmezangen	216, 786
Bulldogklemmen	216, 786
JOLL (FRIEDMAN), Thyreoid- und Vulva-Spreizer	472, 659
JONES, Tuchklemmen	201
JONESCO, Unterbindungsnadeln	333
JOSEPH, Feine Scheren	61, 70
Haut- und Wundhäkchen	362
Knochenfeilen	978
Plastikmesser	32
Plastikscheren	70
Raspatorien	961
SuperCut Scheren	90
Zahnfleischscheren	70
JUDD-ALLIS, Organ- und Gewebefasszangen	540

K

	Seite
Kabel, bipolare	532, 533
monopolare	506, 513, 522
KADER, Bauch- und Darmspatel	451
Kalkulator, Gestations-	720
KALLMORGEN, Scheidenspekula	646
KANTROWITZ, Präparier- und Ligaturklemmen	252
Kanülen, Gefäß-Spül-	846
Hämorrhoidal-	587
Koagulations-	1105
Pudendusanästhesie-	721
Saug-	885, 886, 1091-1102, 1104, 1105
Spül-	598, 886, 1104
Sternumpunktions-	634, 855
Uterus-	716, 717
Kapselfasszangen, Atraumatische-	622
Kapselscheren	89
Katheter, Urologie-	627
Uterusspül-	717
Kathetereinführungszangen	15
KAZANJIAN, Knochensplitterzangen	1038
Kehlkopfspiegel	5
KELLY, Arterienklemmen	221
KELLY, Feine Scheren	70
Plazentar- und Abortuszangen	734
Polypen- und Ovarienzangen	685
Proktoskop	573
Sphinkteroskope	572
Tupfer- und Schwammzangen	193
Wundhaken	415, 439
Zahnfleischscheren	70
KERN-LANE, Knochenhaltezangen	1020, 1021
KERN-MINI, Knochenhaltezangen	1021
KERPEL, Scharfe Löffel	983
KERRISON, Stanzen	892, 896-898
KERSTING, Atraumatische Rektum-Anastomosenklemmen	564
KEY, Raspatorien	972
KEYES, Hautstanzen	33
KEYES MODIF., Hautstanzen	33
KIEBACK, Parametriumscheren	120, 121, 692, 693
Präparier- und Ligaturklemmen	254
Ureter-Tunnelier-Klemmen	691
KIELLAND, Geburtszangen	726
KILLIAN, Knochenscheren	116
Mastdarm-Rektum-Spekula	570
Raspatorien	964
Sonden	347
KILNER, DUROGRIP Nadelhalter	308
Feine Präparierscheren	76
Hauthäkchen	361
Nadelhalter	300
Nasenflügelretraktor	363
Präparierscheren	79
Wundhaken	377, 383
KINGS COLLEGE HOSPITAL, Watteträger	349
KIRSCH, Wundhaken	405
KIRSCHNER, Bauchdeckenhalter	494, 495
Bohrdrähte	1058, 1059
Extensionsbügel	1060
Führungs Hohlsonden	338
Klammeranlegepinzetten	352
Klammerentfernungszangen	352
Klammern, Knochenhalte-	1025
Sterilisier-	207
Wund-	352
KLAPP, Sehnenscheidenhaken	373
Kleiderscheren	132-135, 1082
KLEINERT-KUTZ, Hauthäkchen	361
Sehnendurchziehzangen	195
KLEINSCHMIDT, Appendektonmieklemmen	557
Klemmen, Anastomosen-	559, 560, 843
Appendektomie-	557
Arterien, Feine-	220-230
Arterien-	231-241
Atraumatische Anastomosen-	791-793, 799, 808, 822, 823, 825, 828-831
Atraumatische Aorta-	811, 816, 817, 832

	Seite
Klemmen, Atraumatische Aorta-Anastomosen-	818, 819
Atraumatische Aorta-Aneurysma-	813-815
Atraumatische Bronchus-	812
Atraumatische Bulldog-	218, 219, 788-790, 820, 821
Atraumatische Coarctations-	804, 826, 827
Atraumatische Darm-	547, 548, 550, 552, 555
Atraumatische Druck-	560, 612
Atraumatische Gefäß-	794, 795, 801-803
Atraumatische Hämorrhoiden-	584
Atraumatische Hysterektomie-	267
Atraumatische Iliaca-	807
Atraumatische Ligatur-	797, 798
Atraumatische Magen-	557
Atraumatische Mehrzweck-	791-793, 809, 810, 823-825, 828, 833, 834
Atraumatische Nieren-	608, 796
Atraumatische Nierenstiel-	612
Atraumatische Pankreas-	796
Atraumatische Parametrium-	100, 268, 269
Atraumatische Patent-Ductus-	805, 806, 826, 827
Atraumatische Peripheral-	805-807
Atraumatische Präparier-	797, 798
Atraumatische Profunda-	798
Atraumatische Rektum-Anastomosen-	563, 564, 566
Atraumatische Vena-Cava-	800
Atraumatische Winkel-	612
Beschneidungs-	631
Bipolare-	531
Bronchus-	845
Bulldog-	216, 217, 786, 787
Carotis Shunt-	842
Cholezystektomie-	592
Colectomie-	554
Cystikus-	591, 593
Darm-	547-551, 553-555
Darm-Zwillings-	556
Druck-	584, 612
Faden-	213
Fixier-	842
Gallengang-	590
Gallenkanal-	590-593
Gefäß-	844
Hämorrhoiden-	583
Hysterektomie-	260-266, 270
Ligatur-	244-256, 840, 841
Magen-Zwillings-	556
Monopolare-	520
Nabelschnur-	724
Nieren-	608-610
Nierenstiel-	611, 612
Parametrium-	270, 271, 692, 693
Penis-	625
Peritoneum-	257-260
Präparier-	244-256, 619, 840, 841
Klemmen, Quetsch-	558
Rektum-Anastomosen-	561, 562
Samenstrang Fixier-	625
Schlauch-	17
Sinus-	184
Tonsillen-	240
Tuch-	201-206
Ureter-Tunnelier-	691
Venenkomplex-	619
Winkel-	612
Klemmenhalter	559
Klemmzangen	273
Klemmzangen, Atraumatische-	272
Uterus-	730, 731
KLIMA-ROSEGGER, Sternal-Punktionskanülen	634
Klingen, Mikrochirurgische-	45
Skalpell-	42, 43
KLINIKUM BERLIN, Schlauchklemme	16
KLINKENBERG-LOTH, Gefäßscheren	115
Knochenbiopsie-Instrumente	1057
Knochenbohrer	1055
Knochendeckelelevatorien	930
Knochenfeilen	978-980
Knochenhaken	387, 388
Knochenhalteklammern	1025
Knochenhaltezangen	1016-1024
Knochenhaltezangen, selbstzentrierend	1023
Knochenhebel	932-945, 947-959
Knochenraspeln	978-980
Knochenraspeln, DUROGRIP	979
Knochenscheren	116
Knochensplitterzangen	859, 1038-1042
Knochenstanzen	892-898
Knochenstanzen, NOIR	897
Knöchelfasszangen	1016
Knopfsonden	345, 346
Knorpelmesser	29, 918
Knorpelritzmesser	32
Knorpelscheren	81
Knorpelzangen	1043
KNOWLES, Verbandscheren	131
Knüpfpinzetten, Mikro-	139, 140, 143
Koagulationskanülen	521, 1105
Koagulationspinzetten, bipolar	523-527
KOCHER, Arterienklemmen	235
Atraumatische Darmklemmen	552
Darmklemmen	549, 551
Führungs-Hohlsonden	337
Knochen- und Wundhaken	387
Kropflöffel	453
Unterbindungsnadeln	335
Wund- und Venenhaken	374
Wundhaken	390, 403, 409
KOCHER-LANGENBECK, Wundhaken	396

Alphabetischer Index – Alphabetical Index
K - L

	Seite
KOCHER-OCHSNER, Arterienklemmen	236
KOCHER-WAGNER, Wundhaken	410
KÖNIG, Elevatorien	930
Führungs-Hohlsonden	337
Raspatorien	960
Wund- und Venenhaken	374
KÖRTE, Wundhaken	392, 436
KÖRTE-WAGNER, Wundhaken	392
KOFLER, Stanzen	894
KOGAN, Endospekula für Harnröhre und Cervix	667
Komprimeter	916
Konisationsmesser	696
Kontraktoren, Rippen-	877
Kopfschwartenzangen	731
Kornzangen	10, 184-189
KRÄMER, Ligamentum-flavum-Fasszangen	913
Osteophytenmeißel	998
Raspatorien	971, 972
Rongeur	909
Wundhaken	407
KRAUSE, Biopsieaufsatz	705
KRAYENBÜHL, Nerv- und Gefäßhäkchen	358
KRISTELLER, Scheidenspekula	641-645, 647
KRÖNLEIN, Arterienklemmen	231
KRONECKER, Unterbindungsnadeln	329
Kronenspieß	1015
Kropflöffel	453
Krypthaken	579
KÜMMEL, Wundhaken	436
Küretten	989
Küretten, Abortus-	713
Endometrium-, Biopsie-	698
Plazenta-	713
Uterus-	708-711
Vakuum-	714, 1090
KÜSTNER, Hakenzangen	681
Kugelelektroden	510, 511, 513

L

LA GRANGE, Feine Scheren	69
Zahnfleischscheren	69
LABORDE, Trachealdilatatoren	474
Laborschalen	1108
Lagerung für Uterus-Dilatatoren	665, 666
LAHEY (SWEET), Gallengang-Klemmzangen	590
Präparier- und Ligaturklemmen	255
LAHEY, Gallengang-Klemmzangen	590
Hakenzangen	678
Organ- und Gewebefasszangen	197
Präparier- und Ligaturklemmen	255
Wundhaken	404
LAMBERT-KAY, Atraumatische Aorta-Anastomosenklemmen	819
LAMBOTTE, Knochenhaltezangen	1024
Osteotome	1001, 1005
Raspatorien	973
Rippenraspatorien	863
Laminektomie-Wundspreizer	468-471, 476
Laminektomiespreizer	477, 478
LANCASTER, Lidsperrer	458
LANDAU, Scheidenspekula	653
LANDOLT, Enukleationsscheren	77
Koagulations-Saugkanülen	521, 1105
Präpariersauger	1103
Raspatorien	969
Skalpellgriff	45
Tumorfasszangen	909
LANDON, Scheidenspekula	651
LANE, Chirurgische Pinzetten	176
Knochenhaltezangen	1020, 1021
Knochenhebel	933
Magen- und Darm-Zwillingsklemmen	556
Organ- und Gewebefasszangen	543
Tuchklemmen	202
Wundhaken	384
LANE TRETHOWAN, Knochenhebel	933
LANG-STEVENSON, Darmklemmen	554
LANGE, Fistelhaken	372
LANGE-HOHMANN, Knochenhebel	934
LANGE-HOHMANN MODIF., Knochenhebel	935
LANGENBECK, Amputationsmesser	28, 29
Amputationssägen	923
DUROGRIP Nadelhalter	322
Elevatorien	931
Knochenhaltezangen	1018
Knorpelmesser	29
Lappenmesser	28, 917
Raspatorien	971, 972
Resektionsmesser	29, 918
Rippenraspatorien	863
Wundhaken	394, 395, 398
LANGENBECK-GREEN, Wundhaken	370
LANGENBECK-MANNERFELTMODIF., Wundhaken mit Treangle-Griff	368
Lanzettenelektroden	509
Lappenmesser	28, 917
LATHBURY-FARRELL, Watteträger	348, 350
LAWRENCE, Nadelhalter	301
Präparier- und Ligaturklemmen	253
LAZAR, Mikro-Knüpfpinzetten	140
LEBSCHE, Sternum-Meißel	856
Umführungsinstrumente	925
LEECH-WILKINSON, Biopsiezangen	704
Uterus-Kanülen	716
LEES, Atraumatische Bronchusklemmen	812

	Seite
LEGUEU, Blasenspatel	496, 617
LEITZ, Atraumatische Anastomosenklemmen	828
LEKSELL, Hohlmeißelzangen	1033
LEKSELL-STILLE, Hohlmeißelzangen	1034
LELAND-JONES, Atraumatische Peripheralklemmen	807
LEMPERT, Hohlmeißelzangen	1029
Raspatorien	962
Scharfe Löffel	985
LERICHE, Arterienklemmen	223
Wundhaken	435
LEWIN, Knochenhalteklammern	1025
LEWIS, Knochenraspeln	978
LEXER, DUROTIP Präparierscheren	95, 101
Hohlmeißel	1008
NOIR Präparierscheren mit Wellenschliff	107
Osteotome	1008, 1010
Präparierscheren	85
Spongiosa-Hohlmeißel	1010
LEXER-MINI, Hohlmeißel	1007
Osteotome	1007
LICHTENBERG, DUROGRIP Nadelhalter	324
Lidsperrer	458
Ligamentum-flavum-Fasszangen	913
Ligatoren, Hämorrhoidal-	585, 586
Ligatur, Titanclip	738, 740, 742, 744
Ligatur-Gummiringe	585
Ligaturklemmen	244-256, 840, 841
Ligaturklemmen, Atraumatische-	797, 798
Ligaturplättchen	1065
Ligaturscheren	128
Ligaturscheren, DUROTIP	104
LISTER, Sinusklemmen	184
Verband- und Kleiderscheren	132, 133, 1082
LISTON, Amputationsmesser	28, 917
Knochensplitterzangen	1039, 1041
LISTON-KEY-HORSLEY (TUDOR EDWARDS), Knochensplitterzangen	859, 1042
LISTON-STILLE, Knochensplitterzangen	859, 1042
LITTLER, Präparierscheren	76
LITTLEWOOD, Hakenzangen	683
LLOYD-DAVIES, Biopsiezangen für Rektum	580
Proktoskope	575
Rektum-Anastomosenklemmen	562
Sigmoidoskope	575
LLOYD-DAVIES (GOLIGHER'S), Rektumscheren	125, 565
LOCKHART-MUMMERY, Fistelsonden	343, 579
LOCKLIN, Feine Scheren	69
Zahnfleischscheren	69
LOCKWOOD, Darmfasszangen	541
Löffel, Abortus-	712
Gallenstein-	602
Geburts-	730
Kropf-	453
Plazentar-	712

	Seite
Löffel, Scharfe-	981-989
Sekret-	626
Ureter-	691
Uterus-	707
Uterus-Sekret-	697
LOGAN MODIF. REILL, Wundspreizer	457
LOPEZ-REINKE, Tonsillen-Saugdissektoren	1103
LORNA, Tuchklemmen	205
LOUTE, Drahtspanner	1065
LOVE-GRUENWALD, Rongeure	902, 906, 907
LOWER, Gallenkanal-Klemmzangen	590
Präparier- und Ligaturklemmen	255
LOWMAN, Knochenhalteklammern	1025
LOWMAN-GERSTER, Knochenhalteklammer	1025
LOWMAN-HOGLUND, Knochenhalteklammer	1025
LUCAE, Pinzetten, bajonettförmig	165
Stimmgabel	6
LUCAS, Flachmeißel	1001
Hohlmeißel	1001
Scharfe Löffel	982
LUER, Hämorrhoidenklemmen	583
Hohlmeißelzangen	1027, 1028, 1030
Wundhaken	379
LUER-FRIEDMANN, Hohlmeißelzangen	1026
LUER-KÖRTE MODIF., Gallensteinlöffel	602
LUER-STILLE, Hohlmeißelzangen	1035, 1036
Lungenfasspinzetten	180, 838
Lungenfasszangen	838, 839
Lungenspatel	422, 423, 425, 426, 878, 879, 881
Luxationshebel	945

M

MAC DONALD, Raspatorien	964
Magen-Zwillingsklemmen	556
Magenklemmen, Atraumatische-	557
Magenquetschklemmen	558
MAGILL, Kathetereinführungszangen	15
Saugkanülen	1100
MAIER, Korn- und Tupferzangen	187
MAINGOT, Hysterektomieklemmen	260
MALTZ, Knochenraspeln	978
Mamillenmarkierer	8
Mammariasperrer	876
MANNERFELT MODIF., Hohlmeißel	998
Osteotome	998
Raspatorien	967
Sattelhaken	369
Sehnen-Doppelhaken	369
Spatel	369
Wundhaken mit Treangle-Griff	367-369
MARBURG, Drahtbiegezange	1069

Alphabetischer Index – Alphabetical Index
M

	Seite
Markierer, Mamillen-	8
MARQUARDT, Hohlmeißelzangen	1032
MARTIN, Beckenzirkel	720
Hakenzangen	677
Meniskus- und Knorpelzangen	1043
Scheidenspekula	655
Uterussonden	670
Wundhaken	417
MARTINI, Scharfe Löffel	981
MASING, DUROGRIP Nadelhalter	307
Knorpelritzmesser	32
Wund- und Venenhaken	373
Maßbänder	7
MASSON, DUROGRIP Nadelhalter	318
Nadelhalter	303
MASSON-LUETHY, Nadelhalter	303
Mastdarm-Rektum-Spekula	570, 571
MATHIEU, DUROGRIP Nadelhalter	325
Fremdkörperzangen	626
Mastdarm-Rektum-Spekula	571
Nadelhalter	305
Scheidenspekula	649
Wundhaken	385
MATHIEU-STILLE, Nadelhalter	305
MAYFIELD, Hohlmeißelzangen	1032
MAYO, DUROTIP Präparierscheren	94, 101
Gallengangsonden	598
Präparierscheren	82, 83, 86
Sterilisierklammern	207
SuperCut Scheren	91
Uterussonden	670
MAYO-ADAMS, Wundspreizer	465
MAYO-HARRINGTON, Präparierscheren	84
MAYO-HEGAR, Nadelhalter	301, 302
MAYO-LEXER, DUROTIP Präparierscheren	95, 101
NOIR Präparierscheren	105
NOIR Präparierscheren mit Wellenschliff	107
Präparierscheren	85
MAYO-NOBLE, Muskelscheren	84
Präparierscheren	84
MAYO-ROBSON, Atraumatische Darmklemmen	555
Darmklemmen	555
MAYO-STILLE, Präparierscheren	82, 83
MC CLINTOCK, Plazentar- und Abortuszangen	735
MC CLURE, Mikro-Federscheren	48
MC GIVNEY, Hämorrhoidal-Fasszangen	585
MC INDOE, Feine anatomische Pinzetten	154
Feine chirurgische Pinzetten	172
Hauthäkchen	361
Knochensplitterzangen	1040
Monopolare Pinzetten	517
MC KENTY, Raspatorien	960
MC KENZIE, Trepanationsbohrer	1052, 1053
Trepanationsfräser	1053

	Seite
MC KISSOCK, Raspatorien	971
MEAD, Hämmer	992
Hohlmeißelzangen	1029
Raspatorien	966
MEHDORN, Anlegepinzetten für Gefäßclips	210
Gefäßclips	210
Mehrzweckklemmen, Atraumatische-	791-793, 809, 810, 823-825, 828, 833, 834
Meißel, Flach-	998-1003, 1006, 1007, 1010
Hohl-	998-1001, 1003, 1007-1011
Hohl-, Spongiosa-	1009
Osteophyten-	962, 998
Spongiosa Hohl-	1010
Sternum-	856
Wirbelsäulen-	1009
Meniskushaken	399, 400, 1045
Meniskusmesser	1044
Meniskuszangen	1043
Mercedes Sperrer	874
Messbecher	1108
Messer, Amputations-	28, 29, 917, 918
Beinhaut-	29, 918
Faden-	43
Fistel-	30
Gips-	1082
Knorpel-	29, 918
Knorpelritz-	32
Konisation-	696
Lappen-	28, 917
Meniskus-	1044
Phalangen-	29, 918
Plastik-	32
Resektions-	29, 918
Tonsillen-	31
Trigeminus-	31
Zwischenknochen-	918
Messerelektroden	509, 511
Messschieber	8
Metallgefäß für Markierungsflüssigkeit	8, 25
METZENBAUM, DUROTIP Präparierscheren	97, 98, 102, 103
Feine Präparierscheren	62
NOIR Präparierscheren	105
NOIR Präparierscheren mit Wellenschliff	107
Präparierscheren	87
SuperCut Scheren	91
MEYER, Repositionszangen	1015
MEYERDING, Wundhaken	371, 416
MICHEL, Kehlkopfspiegel	5
Klammeranlegepinzetten	352
Klammerentfernungszangen	352
Rhinoskopiespiegel	5
Wundklammern	352
MICHEL MODIF., Klammeranlege- und Klammerentfernungszangen	352

Seite

MICRO-ADSON, Feine anatomische Pinzetten 151, 152
Feine chirurgische Pinzetten 168, 169
Präparier- und Ligaturklemmen 244
MICRO-ADSON-BIEMER, Feine chirurgische Pinzetten 168
MICRO-HALSTED Arterienklemmen 220
MIDDELDORPF, Wundhaken 406
Mikro-Fadenscheren 60, 768
Mikro-Federscheren 48-53, 55-60, 747, 749, 768
Mikro-Knüpfpinzetten 139, 140, 143
Mikro-Nadelhalter 282-285, 770-772
Mikro-Nadelhalter, DIADUST 289, 291, 293, 295-297, 759, 761, 763, 765-767, 769
DUROGRIP 286, 287, 773, 774
Mikro-Pinzetten 141, 142, 145, 147, 150, 769
Mikro-Pinzetten, DIADUST 753, 755, 757, 769
Mikro-Präparierscheren 53
Mikro-Skalpelle 24
Mikro-Skalpellgriffe 44, 45
Mikro-Venenscheren 51
Mikrochirurgische Klingen 45
MIKULICZ, Peritoneumklemmen 257-259
Tonsillenklemmen 240
Wundhaken 437, 438
MILLER, Knochenraspeln 979
MILLESI, Mikro-Federscheren 52
MILLIN, Atraumatische Kapselfasszangen 622
Blasenhalsspreizer 622
Blasenwundspreizer 496, 617
Fadenhaltezangen 326, 622
MILLS, Gallengangscheren 597
MIOS, Hüftretraktoren 947-959
MITCHELL, Raspatorien 973
MIXTER, Präparier- und Ligaturklemmen 841
Gallenkanal- und Cystikusklemmen 593
Präparier- und Ligaturklemmen 253, 255, 841
MIXTER-O'SHAUGNESSY, Präparier- und Ligaturklemmen 249
MOD. BERLIN, Endometrium-Biopsiekürette 698
MOD. MÜNCHEN, Endometrium-Biopsiekürette 698
MOD. USA, Gipsspreizer 1087
Modularer Handgriff 959
MOLLISON, Wundspreizer 464
MOLT, Raspatorien 966
Monopolare Anschlusskabel 506, 513, 522
Monopolare Elektroden 509-511
Monopolare Handgriffe 506, 508, 513
Monopolare Klemmen 520
Monopolare Pinzetten 516-519
Monopolare Scheren 515
MORRIS, Atraumatische Aortaklemmen 811
Atraumatische Rektum-Anastomoseklemmen 563
Wundhaken 415
MORSE, Sternumsperrer 872
MOYNIHAN, Arterienklemmen 223, 239
Darmklemmen 553

Seite

MOYNIHAN, Gallengang-Klemmzangen 592
Gallengangsonden 598
MÜHLING, Knochenscheren 116
Raspatorien 969
MÜLLER, Atraumatische Gefäßclips 214, 215, 784, 785
Atraumatische Rektum-Anastomosenklemmen 566
DUROGRIP Nadelhalter 317, 568
DUROGRIP Nahtpinzetten 178
Fadenklemmen 213
Gefäßclips 213
Hauthäkchen 361
Mikro-Federscheren 55
Mikro-Nadelhalter 285
Mikro-Pinzetten 141, 142
Rektumscheren 127, 567
Wundhaken 442
Mundsperrer 14, 15
MURPHY, Stirnband 2
Wundhaken 391
MURPHY-LANE, Luxationshebel 945
MUSEUX, Hakenzangen 678, 683, 684
Organ- und Gewebefasszangen 197
Muskelscheren 84
Myomheber 690
Myrtenblattsonden 344

N

NABATOFF, Venenstripper 887
Nabelschnurdilatatoren 724
Nabelschnurklemmen 724
Nabelschnurscheren 123, 723
Nadel, Schleimhaut-Resektion- 515
Nadeldosen 279
Nadelelektroden 509-513
Nadelhalter 299-303, 305
Nadelhalter, Bumerang- 326, 623
DIADUST 289, 291, 293, 295-298, 759, 761, 763, 765-767, 769
DUROGRIP 286, 287, 307-310, 312-325, 568, 773-779
Mikro- 282-287, 289, 291, 293, 295-297, 759, 761, 763, 765-767, 769-774
mit Schere 304
mit Schere, DUROGRIP 311
Nadeln 328
Nadeln, Chirurgische, Näh- 276-278
Drahtumführungs- 1066
Führungs- 353
Unterbindungs- 329-336, 1056
Nägel 1063
NÄGELE, Geburtszangen 726
Nähnadeln, Chirurgische- 276-278

Alphabetischer Index – Alphabetical Index
N - P

	Seite
Nagelausreißzangen	1079
Nagelfeilen	13
Nagelhautscheren	12, 64
Nagelscheren	11, 13, 130
Nagelspaltscheren	75, 1079
Nagelspaltzangen	1079
Nagelzangen	12
Nahtpinzetten, DUROGRIP	163, 178
Nasenflügelretraktor	363, 370
Nasenflügelscheren	77
Nasenpinzetten	165-167
Nasenplastikscheren	77
Nasensonden	347
Nasentamponzangen	184
NAUNTON MORGAN, DUROGRIP Nadelhalter	317
Rektum-Spekula mit Kaltlicht	574
NEGUS, Saugdissektoren	1103
Tonsillenklemmen	240
NELATON, Hohlsonden	342
NELSON, Lungenfasspinzetten	180, 838
NELSON-METZENBAUM, DUROTIP Präparierscheren	97, 102, 103
Präparierscheren	88
NELSON-METZENBAUM (MC INDOE), DUROTIP Präparierscheren	98
Nerv-Approximator	212
Nerv-Präparierscheren	63, 79
Nervhäkchen	356-359
Nervwurzelhaken	376
Netzgerät	3
NIEDERDELLMANN, Osteotome	1005
Nierenfasszangen	613
Nierenklemmen	608-610
Nierenklemmen, Atraumatische-	608, 796
Nierenschalen	1108
Nierensteinzangen	614-616
Nierenstielklemmen	611, 612
Nierenstielklemmen, Atraumatische-	612
NISSEN, Arterienklemmen	225
Gallenkanal- und Cystusklemmen	591
Präparier- und Ligaturklemmen	245, 256
NOIR, Präparierscheren	105
Präparierscheren mit Wellenschliff	106, 107
NORFOLK and NORWICH, Laminektomie-Wundspreizer	468
NORTHBENT, Ligaturscheren	128
NORTHFIELD, Hohlmeißelzangen	1031
NOTO, Organ- und Gewebefasszangen	193
Polypen- und Ovarienzangen	686
Tupfer- und Schwammzangen	193
NOVAK-SCHOECKAERT, Endometrium-Biopsieküretten	698
NOYES, Mikro-Federscheren	48
NUSSBAUM, Darmklemmen	553

O

	Seite
O'SHAUGNESSY, Präparier- und Ligaturklemmen	249, 252
OBWEGESER, Ahlen	1056
Osteotome	1005
Wundhaken	401, 402
OCHSNER, Atraumatische Aortaklemmen	817
Fadenpinzette	158
Gallengangsonden	599
Öl, Instrumenten-	1112
Ösenrinnensonden	343
OFFICER, Chirurgische Pinzetten	176
Offset-Scheren	111
Ohrhäkchen, stumpf	356
OLDBERG, Rongeur	908
OLIVECRONA, Drahtsägen	924
Hohlmeißelzangen	1030
Trigeminusmesser	31
OLLIER, Wundhaken	394
OMBREDANNE, Hämmer	996
Organfasszangen	190, 192, 193, 197-199, 540, 543
Organfasszangen, Atraumatische-	191, 544, 545, 835-837
ORMROD-SCHMITT, Ligaturplättchen	1065
Osteophytenmeißel	962, 998
Osteotome	998, 999, 1001-1008, 1010
Osteotome, Fischschwanz-	1001
Ovarienzangen	685-688
Ovarienzangen, Atraumatische-	687
OVERHOLT, Präparier- und Ligaturklemmen	247
OVERHOLT-GEISSENDOERFER, Präparier- und Ligaturklemmen	246
OVERHOLT-MIXTER, Präparier- und Ligaturklemmen	246
O'CONNELL, Dissektoren	929
O'SULLIVAN-O'CONNOR, Bauchdeckenhalter	489

P

	Seite
Pankreasklemmen, Atraumatische-	796
Parametriumklemmen	270, 271, 692, 693
Parametriumklemmen, Atraumatische-	100, 268, 269
Parametriumscheren	120, 121, 692, 693
PARKER, Wundhaken	379, 380
PARKER-KERR, Anastomoseklemmen	560
PARRY-COOLEY, Atraumatische Anastomosenklemmen	830
PARTSCH, Flachmeißel	1000
Hohlmeißel	1000
Raspatorien	960
PARTSCH MOD. LANGE, Raspatorien	960
PASSOW, Stößel	997
Patellazangen	1016
Patent-Ductusklemmen, Atraumatische-	805, 806, 826, 827
PAUL, Sehnenscheidenhaken	373
PAYR, Darm- und Magenquetschklemmen	558
Führungs-Hohlsonden	337

	Seite
PEAN, Arterienklemmen	231, 232, 234, 239
Atraumatische Gefäßklemmen	795
Nierenklemmen	609
Schlauchklemmen	17
PEDERSON, Scheidenspekula	640
PEET, Splitterzangen	181
PELKMANN, Fremdkörperzangen	200
Gallensteinzangen	604
Tamponzangen	672
Pelvishaken	440, 441, 578
PENFIELD, Dissektoren	928, 929
Penisklemmen	625
PENNINGTON, Arterienklemmen	241
Darmfasszangen	542
PENNYBACKER, Dissektoren	929
Hohlmeißelzangen	1031
Raspatorien	972
Rongeur	903
PERCY, Amputationsretraktoren	920
Perinealsperrer	577
Peripheralklemmen, Atraumatische-	805-807
Peritoneumklemmen	257-260
PERKINS, Wundspreizer	463
PERTHES, Reibahle	1055
PERWITZSCHKY, Speichelgangschere	68
Phalangenmesser	29, 918
PHANEUF, Hysterektomieklemmen	260
Phlebextraktoren	889
Phlebodissektoren	889
PICCOLO, Watteträger	348
Pinzetten, Anatomische, Feine-	151-155, 783
Anatomische-	156-158
Atraumatische-	160-162, 567, 782, 783
Atraumatische-, Ultra-Light	159, 546, 781
Augen-	168
Bajonettförmige-	165, 166
Bipolare-	523-529, 620
Chirurgische-	168, 170, 173-179
Clipanlege-	210, 211
Darm-	180, 543
DIADUST	145, 147, 149, 150, 753, 755, 757, 769
DUROGRIP	162-164, 178, 543
Faden-	158
Feine chirurgische-	168, 169, 171, 172
Fixier-	165
Gefäß-	179
Gewebefass-	179, 180, 543
Hornhaut-	151
Klammeranlege-	352
Kniegebogene-	167
Knüpf-	139, 140, 143
Lungenfass-	180, 838

	Seite
Pinzetten, Mikro-	139-143, 145, 147, 149, 753, 755, 757, 769
Monopolare-	516-519
Naht-	163, 178
Nasen-	165-167
Splitter-	181
Tumor-	179
Wundrand-	170
PIPER, Geburtszangen	727
PITHA, Fremdkörperzangen	200, 626
Plättchen, Ligatur-	1065
Plastikmesser	32
Plastikscheren	70
Plattenelektroden	510
Plazentarküretten	713
Plazentarlöffel	712
Plazentarzangen	732-735
PLESTER, Saugkanülen	1095
Wundspreizer	462
POIRIER, Gewebefasszangen	196
Polypenzangen	685-688
Polypenzangen, Atraumatische-	687
POOL, Saugkanülen	1093
Poplitea-Sperrer	497
POTTS, Präparierscheren	80
POTTS-DE MARTEL, Gallengangscheren	597
Gefäßscheren	110, 111
POTTS-DIETHRICH, Gefäßscheren	108, 109, 751
POTTS-SMITH, Gefäßscheren	111, 114
POZZI, Hakenzangen	674, 676
Präparationshäkchen	376
Präparierklemmen	244-256, 619, 840, 841
Präparierklemmen, Atraumatische-	797, 798
Präpariersauger	1103
Präparierscheren	76-89, 113, 618
Präparierscheren, Bipolare-	530
DUROTIP	94-99, 101-103
Feine-	62, 63, 76, 78, 80, 81
Mikro-	53
Nerv-	63
NOIR-	105-107
PRATT, Hakenzangen	680
Mastdarm-Rektum-Spekula	571
Organ- und Gewebefasszangen	198
Uterus-Dilatatoren	663
PRICE THOMAS, Bronchusklemmen	845
Profundaklemmen, Atraumatische-	798
Proktoskope	573, 575
Prostataretraktor	452, 620
PROVIDENCE-HOSPITAL, Arterienklemmen	221
Pudendusnadeln	721
Punktionskanülen, Sternum-	855
PUTTI, Knochenfeilen	980
Pylorusspreizer	557

Alphabetischer Index – Alphabetical Index
Q - S

Seite

Q

QUERVAIN, Elevatorien 931
QUINBY, Feine Scheren 67
Zahnfleischscheren 67

R

R.N.O.H., Biopsie-Instrumente für Knochen 1057
Rabenschnabel 1087
RAGNELL, Feine Präparierscheren 63
Wundhaken 379
RAMPLEY, Tupfer- und Schwammzangen 190
RAMSEY, Anatomische Pinzetten 158
Chirurgische Pinzetten 177
RANDALL, Endometrium-Biopsiekürretten 698
Nierensteinzangen 614-616
RANKIN, Arterienklemmen 224
Rasierklingenmesser 9
Raspatorien 960-977
Raspatorien, Rippen- 861-863
Saug- 1103
Raspeln, Knochen- 978-980
RECAMIER, Plazentar- und Abortusküretten 713
Uterusküretten 708
REDON-Führungsnadeln 353
Reflektor 2
Reflexspiegel 2
Reibahlen 1055
REILL, Drahtschneidezangen 1076
Mikro-Nadelhalter 284, 772
Repositionszangen 1015
Sehnenstripper 1046
REIN/KUPKA, DUROGRIP Nadelhalter 321, 775
Rektum-Anastomosenklemmen 561, 562
Rektum-Anastomosenklemmen, Atraumatische- 563, 564, 566
Rektum-Spekula 573
Rektum-Spekula, Kaltlicht 574
Rektumbiopsiezangen 580-582
Rektumscheren 125-127, 565, 567
REMINGTON-HOBB, Monopolare Pinzetten 518
Repositionsstößel 1015
Repositionszangen 1014-1016
RESANO, Atraumatische Rektum-Anastomosenklemmen 564
Kapselscheren 89
Resektionsmesser 29, 918
Retraktoren, Amputations- 920
Hüft- 947-959
MIOS- 947-959
REVERDIN, Bauch- und Darmspatel 450
Nadeln 328
REYNOLDS, Präparierscheren 80
REYNOLDS-JAMESON, Gefäßscheren 63
Rhinoskopiespiegel 5

Seite

RIBBON, Bauch- und Darmspatel 450
RICARD, Bauchdeckenhalter 483
RICHARDSON, Wundhaken 413, 414
RICHARDSON-EASTMAN, Wundhaken 413
RICHES, Monopolare Klemmen 520
Rippenfasszangen 859
Rippenkontraktoren 877
Rippenraspatorien 861-863
Rippenscheren 857, 858
Rippensperrer 866-871, 877
RNTNE HOSPITAL, Wundspreizer 463
ROBERTS, Arterienklemmen 238
Raspatorien 966
ROBIN, Tuchklemmen 204
ROCHARD, Bauchdeckenhalter 448
Befestigungsgestell für Bauchdeckenhalter 449
Fixiervorrichtung für Bauchdeckenhalter 448
ROCHESTER-CARMALT, Arterienklemmen 237
ROCHESTER-OCHSNER, Arterienklemmen 235
ROCHESTER-PEAN, Arterienklemmen 233
ROEDER, Tuchklemmen 203
Röntgen-Messstäbe 7
RÖTTGEN-RUSKIN, Hohlmeißelzangen 1032
ROLLET, Hauthäkchen 360
Rongeure 899-912
ROSE, Wundhaken 379
ROSER-KÖNIG, Mundsperrer 15
ROTUNDA, Uterusspül-Katheter 717
ROUX, Wundhaken 381-383
ROWBOTHAM, Saugkanülen 1101
RUMEL, Präparier- und Ligaturklemmen 251
RUMEL-BELMONT, Tourniquets 851
RUSKIN, Hohlmeißelzangen 1032
RUSKIN-LISTON, Knochensplitterzangen 1040
RUSS. MODELL, Chirurgische Pinzetten 179
RUST, Amputationssägen 921
RYDEL-SEIFFER, Stimmgabel 6
RYDER, DIADUST Nadelhalter 298, 767
DUROGRIP Nadelhalter 319, 320, 778, 779

S

Sägeblätter 921, 922
Sägen, Amputations- 921-923
Draht- 924
Fingerring- 1079
Gips- 1082
SAENGER, Plazentar- und Abortuszangen 733
Salpingograph 715
Samenstrang Fixierklemmen 625
Samenstranghaken 625
SAROT, Arterienklemmen 229, 238
DUROGRIP, Nadelhalter 309

	Seite
SATINSKY, Anastomosenklemmen	843
Atraumatische Bulldogklemmen	821
Gefäßscheren	115
Sattelhaken	369
SATTERLEE, Amputationssägen	923
SAUER, Lidsperrer	458
SAUERBRUCH, Abfallzange	18
Rippenscheren	857
Wundhaken	404, 425
SAUERBRUCH-CORYLLOS, Hohlmeißelzangen	860, 1037
Saugdissektoren	1103
Saugdissektoren, Tonsillen-	1103
Sauger, Präparier-	1103
Saugglocken	725
Sauggriffe	1092
Sauginstrumente	1098
Saugkanülen	885, 886, 1091-1102, 1104, 1105
Saugraspatorien	1103
Saugschlauch	714, 1090
SAUNDERS, I.U.D.-Entfernungshaken	697
Scapula-Haken	426, 880
SCOVILLE-HAVERFIELD, Laminektomie-Wundspreizer	476
SCOVILLE-RICHTER, Wund- und Laminektomiespreizer	477
SCUDDER, Atraumatische Magenklemmen	557
SEBILEAU, Elevatorien	931
SEDILLOT, Raspatorien	971, 973
SEGOND, Hysterektomieklemmen	265
SEGOND-LANDAU, Hysterektomieklemmen	264
Sehnen-Doppelhaken	369
Sehnendurchziehsonden	1048
Sehnenfasszangen	194, 195
Sehnenscheidenhaken	373
Sehnenscheren	78
Sehnenstripper	1046, 1047
SEIDEL, Scheidenspekula	641
SEIDL, Biopsiezangen	702
SEIFFERT, Sonden	347
Seitenschneider	1075, 1076
Sekretlöffel	626
Sekretlöffel, Uterus-	697
SELDIN, Raspatorien	966
SELLHEIM, Geburtslöffel	730
SELLORS, Rippensperrer und -kontraktor	877
SELMAN, Chirurgische Pinzetten	179
SEMB, Hohlmeißelzangen	860, 1036
Knochenhaltezangen	1018
Präparier- und Ligaturklemmen	840
Raspatorien	975
Rippenfasszangen	859
Rippenraspatorien	862
SEMKEN, Feine anatomische Pinzetten	154
Feine chirurgische Pinzetten	171
SEMM, Bauchdeckenhalter	491
Scheidenspekula	639

	Seite
SENN-MILLER, Wundhaken	377
Sequesterzangen	1017
SEUTIN, Gipsscheren	134, 1084
SEWALL, Elevatorien	963
SEYFFERT, Scheidenspekula	639
Siebbeinzangen	899-901
SIEBOLD, Uterusscheren	119
Sigmoidoskope	575
SILVER, Handdermatom	35
SIMON, Fistelhaken	372
Fistelmesser	30
Scharfe Löffel	988
Scheidenspekula	655
Uteruslöffel	707
Wundhaken	417
SIMPSON, Geburtszangen	728
Uterussonden	671
SIMPSON-BRAUN, Geburtszangen	727
SIMS, DUROTIP Uterusscheren	103
Gynäkologische Scheren	117, 118
Mastdarm-Rektum-Spekula	570, 571
Scheidenspekula	640
Uteruskürette	709
Uterusscheren	99, 117, 118
Uterussonden	670
SIMS-MAIER, Korn- und Tupferzangen	188
SIMS-SIEBOLD, Uterusscheren	120
Sinus-Knopfsonden	345
Sinusklemmen	184
Skalpelle	26, 27
Skalpelle , Mikro-	24
Skalpelle, Einmal-	22-24
Steril-	22-24
Skalpellgriffe	38-41, 618
Skalpellgriffe, Mikro-	44, 45
Skalpellklingen	42, 43
SMILLIE, Meniskusmesser	1044
Wund- und Meniskushaken	399, 1045
SMITH, Verbandsscheren	131
SMITH-BUIE, Analspreizer	573
SMITH-PETERSEN, Osteomose	1004
SOMER, Uterusfasszangen	689
Sonden	347
Sonden, Anal-	342, 343, 579
Doppelknopf-	346
Fistel-	343, 579
Gallengang-	598, 599
Hohl-	342, 347, 929
Knopf-	345, 346
Myrtenblatt-	344
Nasen-	347
Ösenrinnen-	343
Ohr-	347
Sehnendurchzieh-	1048

Alphabetischer Index – Alphabetical Index
S - SCH

	Seite
Sonden, Speichelgang-	347
Uterus-	670, 671
SPACKMAN, Uterus-Kanülen	716
Spatel	369
Spatel, Bauch-	435, 436, 450, 451
Blasen-	496, 617
Darm-	435, 436, 450, 451
Gefäß-	849, 850
Lungen-	422-425, 878, 879, 881
Zungen-	4, 348
Speichelgangscheren	68
Speichelgangsonden	347
Spekula, Endo-	667
Mastdarm-Rektum-	570, 571
Rektum-	573
Rektum-, Kaltlicht	574
Scheiden-	636-658
SPENCER, Ligaturscheren	128
SPENCER-WELLS, Arterienklemmen	232
Sperrer, Iliaca-	475
Lid-	458
Mammaria-	876
Mund-	14, 15
Perineal-	577
Poplitea-	497
Rippen-	866-871, 877
Sternum-	872, 873, 876
Thorax-	864, 865, 874
Sphinkteroskope	572
Spiegel, Kehlkopf-	5
Reflex-	2
Rhinoskopie-	5
Stirn-	2
Spiralbohrer	1054
Splitterpinzetten	181
Splitterzangen	181
Spongiosa-Hohlmeißel	1009
Spreizer, Anal-	573, 576
Blasenwund-	496
Gips-	1087
Haut-	473
Hemilaminektomie-	469
Laminektomie-	477
Laminektomie-Wund-	468-471, 476, 478
Pylorus-	557
Struma-	472
Thyreoid-	472
Vulva-	472, 473, 659
Wirbelkörper-	481
Wirbelsäulen-	479, 480
Wund-	456-467, 472, 477
Sprenger, Blasen-	722
Spritzen, Hämorrhoidal-	587
Spülkanülen	598, 886, 1104

	Seite
SPURLING, Rongeure	902, 906, 907
SUBRAMANIAN (MODIF.), Atraumatische Aortaklemmen	816
SuperCut Scheren	90, 91
SWEDISH, Dissektoren	929
SYME, Raspatorien	966
Unterbindungsnadeln	334
Synovektomie-Zangen	1026
SYPERT, Hohlmeißelzangen	1035
Rongeure	912
Stanzen	895
SYSTRUNK, Nagelspaltscheren	75, 1079

SCH

SCHAEDEL, Tuchklemmen	201
Schalen, Labor-	1108
Nieren-	1108
Scharfe Löffel	981-989
SCHEDE, Scharfe Löffel	984
Scheidenspekula	636-658
SCHERBACK, Scheidenspekula	657
Scheren, Anatomie-	68
Arteriotomie-	80
Augen-	49
Bauchdecken-	122
Bipolare-	530
Blech-	129, 1072, 1073
Blech-, DUROTIP	1072
Bulldog-	76
Chirurgische-	71-75, 82, 93, 101, 122
Damm-	124, 724
Darm-	125, 127
Draht-	100, 129, 1072, 1073
Draht-, DUROTIP	1072
Dura-	112
DUROTIP	92-100, 103
DUROTIP mit Wellenschliff	101-104
Enukleation-	77
Faden-	60, 92, 101, 768
Feine-	12, 61, 63-70, 92
Gallenblasen-	596
Gallengang-	597
Gefäß-	63, 78, 100, 108-115, 751
Gips-	134, 135, 1083-1086
Gynäkologie-	117-121
Hysterektomie-	100
Inzisions-	75
Iris-	61, 64
Kapsel-	89
Kleider-	132-135, 1082
Knochen-	116
Knorpel-	81
Ligatur-	104, 128

	Seite
Scheren, Mikro-	48-53, 55-60, 747, 749, 768
mit Wellenschliff	106, 107
Monopolare-	515
Muskel-	84
Nabelschnur-	123, 723
Nagel-	11, 13, 130
Nagelhaut-	12, 64
Nagelspalt-	75, 1079
Nasenflügel-	77
Nasenplastik-	77
Nerv-Präparier-	63, 79
NOIR-	105-107
Offset-	111
Parametrium-	120, 121, 692, 693
Plastik-	70
Präparier-	53, 76-89, 94-99, 101-103, 106, 107, 113, 618
Präparier-, Feine-	62, 63, 76, 78, 80, 81
Präparier-, NOIR	105
Rektum-	125-127, 565, 567
Rippen-	857, 858
Schwestern-	132
Sehnen-	78
Speichelgang-	68
Sternum-	855, 856
Strabismus-	62, 76
SuperCut-	90, 91
Uterus-	99, 103, 117-120
Venen-	51
Verband-	131-133, 1082
Wundrand-	72
Zahnfleisch-	12, 64-67, 69, 70, 92
Scherköpfe, Elektra II	9
Schieber, Mess-	8
SCHINK, Handdermatom	34
Schlauchklemmen	17, 18
Schleimhaut-Resektionsnadel	515
Schließzangen	559
Schlingenelektroden	509, 513
SCHMELZ, Gestationskalkulator	720
SCHMID, Gefäß-Spülkanülen	846
Gefäßspatel	850
Mundsperrer	14
SCHMIEDEN, Führungs-Hohlsonden	337
SCHMIEDEN-TAYLOR, Durascheren	112
SCHNEIDER-SAUERBRUCH, Raspatorien	973
SCHNIDT, Arterienklemmen	240
Tonsillenklemmen	240
SCHOEMAKER, Colectomie-Klemmen	554
SCHOENBORN, Wund- und Venenhaken	375
SCHRÖDER, Hakenzangen	675, 676, 678, 679
Organ- und Gewebefasszangen	197, 199
Uteruslöffel	707
SCHUBERT, Biopsiezangen	699
SCHUHKNECHT, Saugkanülen	1097
SCHULZE, Salpingograph	715
SCHUMACHER MOD. WAGNER, Knochenhebel	943
SCHUMACHER, Biopsieaufsatz	705
Biopsiezangen	701
Knochenhebel	944
Nabelschnurscheren	123, 723
Sternum-Scheren	855
Schwammzangen	190, 192, 193
SCHWEDISCHES MODELL, Anatomische Pinzetten	157
Schwesternscheren	132

ST

	Seite
ST. BARTS, Nerv- und Gefäßhäkchen	356
Rongeure	900, 901
ST. MARKS, Pelvishaken	440, 441, 578
ST. MARKS MODIF. GIRONA, Perinealsperrer	577
ST. MARTIN, Chirurgische Pinzetten	168
STACKE, Sonden	347
STAMM, Knochensplitterzangen	1038
Stanzen, Aorten-	852
Haut-	33
Knochen-	892-898
Staubinden	916
STEINMANN, Nägel	1063
STELLBRINK, Synovektomie-Zangen	1026
STELZNER, Rektumscheren	126, 565
Sterilisierklammern	207
Sterilisierrahmen	33, 919
Sterilisierzangen	1109
STERILIT, Instrumenten-Öl	1112
Sterilskalpelle	22-24
STERNBERG, Wundhaken	378
Sternummeißel	856
Sternumpunktionskanülen	634, 855
Sternumscheren	855, 856
Sternumsperrer	872, 873, 876
STEVENS, Feine Präparierscheren	62, 78
Gefäß- und Sehnenscheren	78
STIEGLITZ, Splitterzangen	181
STILLE, Flachmeißel	1003
Gipsscheren	1086
Hohlmeißel	1003
Hohlmeißelzangen	1034
Nierenklemmen	610
Osteotome	1003
Präparierscheren	85
STILLE-AESCULAP, Gipsscheren	1085
STILLE-BARRAYA, Gefäß- und Tumorpinzetten	179
Gewebefasspinzetten	543
STILLE-RUSKIN, Hohlmeißelzangen	1034

Alphabetischer Index – Alphabetical Index
ST - U

	Seite
Stimmgabeln	6
Stirnbänder	2
Stirnlampen	3
Stirnlampen, Zubehör	3
Stirnspiegel	2
STOCKMANN, Penisklemmen	625
Stößel	997
Stößel, Repositions-	1015
Strabismusscheren	62, 76
STRANDELL-STILLE, Sehnenscheidenhaken	373
STRASSBURGER MODELL, Chirurgische Pinzetten	178
STRATTE, DUROGRIP, Nadelhalter	315
STRAUSS, Penisklemmen	625
Stripper, Endarterektomie-	851
Nerv-	1046
Sehnen-	1046, 1047
Venen-	887, 888
STRUCK, Thoraxsperrer	865
STRULLY, Gefäßscheren	112, 113
Strumaspreizer	472

T

TÄGER, Knochenhebel	944
TAKAHASHI, Rongeure	901
Tamponhalter	582
Tamponzangen	672, 673
TARNIER, Geburtszangen	729
TAYLOR, Retraktor	946
TEALE, Hakenzangen	681, 682
Tenotome	27
THOMS-GAYLOR, Biopsiezangen	699
Thoraxsperrer	864, 865, 874
THOREK, Gefäßscheren	114
THORPE, Hornhautpinzetten	151
Thyreoid-Spreizer	472
TISCHLER, Biopsiezangen	706
Titanligaturclip	738, 740, 742, 744
TÖNNIS, Durahäkchen	360
DUROGRIP Nadelhalter	322
Feine Präparierscheren	81
Gefäßspatel	850
Hohlsonden	929
Nadelhalter	305
TÖNNIS MODIF. , DUROGRIP Nadelhalter	322
TÖNNIS-ADSON, DUROTIP Präparierscheren	96, 102
Feine Präparierscheren	80
Tonnenzangen	1070
Tonsillen-Saugdissektoren	1103
Tonsillenklemmen	240
Tonsillenmesser	31
Tourniquets	851
Trachealdilatatoren	474
Trachealhäkchen	364-366, 375
Transformator	3
TRAVERS, Wundspreizer	467
TRELAT, Raspatorien	961
Scheidenspekula	638
Trepanationsbohrer	1052, 1053
Trepanationsfräser	1052, 1053
TREVES, Chirurgische Pinzetten	177
Trigeminusmesser	31
TROELTSCH, Pinzetten, kniegebogen	167
Trokare	634
Trokare, Universal-	634
TROTTER, Hohlmeißelzangen	1030
TROUSSEAU, Trachealdilatatoren	474
Tuchklemmen	201-206
TUDOR-EDWARDS, Wundhaken	443
TÜBINGER MODELL, Gallensteinzangen	605
Scheidenspekula	655
Wundhaken	417
TUFFIER, Arterienfasszangen	196
Bauch- und Darmspatel	450
Darm- und Gewebefasszangen	538
Rippensperrer	866, 867
Wundhaken	443
Tumorfasszangen	909
Tumorpinzetten	179
Tunnelierungsinstrumente	853
Tupferzangen	10, 184-190, 192, 193
TURNER, Monopolare Pinzetten	517
TURNER-WARWICK, Bauchdeckenhalter	492, 493
Harnröhrenbougies	629
TUTTLE, Lungenfasspinzetten	180, 838

U

UCHIDA MODIF. BURKE, Ureterlöffel	691
UFFENORDE, Scharfe Löffel	983
ULRICH, Fistelmesser	30
ULRICH-AESCULAP, Korn-, Tupfer- und Waschzangen	186
Ultra-Light-Pinzetten, ATRAUMATA	159, 781
Umführungsinstrumente	925
Universaltrokare	634
Unterbindungsnadeln	329-336, 1056
Ureter-Tunnelier-Klemmen	691
Ureterlöffel	691
Ureterzangen	624
Urethraretraktor	452, 620
US-ARMY, Wundhaken	386
Uterus-Depressor	671
Uterus-Dilatatoren	662-664
Uterus-Dilatatoren, Lagerung	665, 666
Uterus-Kanülen	716, 717
Uterus-Klemmzangen	730, 731

	Seite
Uterus-Sekretlöffel	697
Uterusfasszangen	688, 689
Uterusküretten	708-711
Uteruslöffel	707
Uterusscheren	99, 117-120
Uterusscheren, DUROTIP	103
Uterussonden	670, 671
Uterusspülkatheter	717

V

Vakuum Extraktion, Saugglocken	725
Vakuumküretten	714, 1090
VALLEIX, Uterussonden	671
Valven, Bauchdecken-	482-484
VANNAS, Mikro-Federscheren	48, 50, 52
VARADY, Mini-Venenstripper-Bestecke	888
Phlebextraktoren	889
Phlebodissektoren	889
VARIO, Wundhaken-System	420, 421
Vena-Cava-Klemmen, Atraumatische-	800
Venenhaken	373-376
Venenkomplexklemmen	619
Venenscheren, Mikro-	51
Venenstripper	887, 888
Verbandscheren	131-133, 1082
VERBRUGGE, Knochenhaltezangen	1023
VERBRUGGE-MÜLLER, Knochenhebel	938
VERHOEVEN, Saugkanülen	1099
VISE, Mikro-Knüpfpinzetten	139
VOLKMANN, Knochen- und Wundhaken	387, 388
Scharfe Löffel	981, 984
Wundhaken	389
Vorhautfasszangen	625
Vulva-Spreizer	472, 473, 659

W

WAGENER, Nerv- und Gefäßhäkchen	356
WAGNER, Biegeinstrumente für Kirschnerdrähte	1059
Hämmer	994
Hohlmeißel	1011
Knochenhebel	936
Raspatorien	977
Rongeure	911
WALLICH, Plazentar- und Abortuslöffel	712
WALTER, Hohlmeißel	1003
WALTON, Biopsiezangen für Rektum	581
WANGENSTEEN, DUROGRIP Nadelhalter	316
DUROGRIP Pinzetten	163, 543
Nadelhalter	303
WARD, Raspatorien	961
Waschzangen	10, 185, 186
WATSON, Handdermatom	35
WATSON-CHEYNE, Raspatorien	964
WATSON-JONES, Knochenhebel	934
Watteträger	347-351
WAUGH, Feine chirurgische Pinzetten	172
Monopolare Pinzetten	517
WEBER, Atraumatische Aorta-Anastomosenklemmen	818
WEBSTER, DUROGRIP Nadelhalter	308
Nadelhalter	299
WECKER, Augenscheren	49
WEIL-BLAKESLEY, Rongeure	899
WEISSBARTH, Scheidenspekula	654
WEITLANER, Wundspreizer	459-461, 466
WELLER, Meniskus- und Knorpelzangen	1043
Präparierscheren	89
WERTHEIM, Atraumatische Anastomosenklemmen	808
Atraumatische Klemmzangen	272
Atraumatische Nierenstielklemmen	612
Atraumatische Parametriumklemmen	100, 268, 269
DUROGRIP Nadelhalter	315
DUROTIP Präparierscheren	99
Gynäkologische Scheren	118
Hysterektomieklemmen	263, 264, 270
Nierenstielklemmen	611
Parametriumklemmen	270
WERTHEIM-CULLEN, Klemmzangen	273
Nierenstielklemmen	612
WIENER MODELL, Hysterektomieklemmen	262
WIKSTROEM, Präparier- und Ligaturklemmen	250, 840
WILDE, Pinzetten, kniegebogen	167
WILLETT, Kopfschwartenzange	731
WILLIAMS, Lungenfasszangen	838
Organ- und Gewebefasszangen	543
WILLIGER, Elevatorien	930
Raspatorien	961
Scharfe Löffel	981, 984
WILSON, Hakenzangen	676
Organ- und Gewebefasszangen	199
Tonsillenklemmen	240
WILSON-HEY, Monopolare Klemme	520
Winkelklemmen	612
Winkelklemmen, Atraumatische-	612
WINKELMANN, Beschneidungsklemmen	631
WINTER, Plazentar- und Abortuszangen	732
Wirbelkörperspreizer	481
Wirbelsäulen-Wundspreizer	476-480
Wirbelsäulenmeißel	1009
WITT, Sternum-Punktionskanülen	855
WÖRRLEIN, Repositionsstößel	1015
WOLFF, Gipsabreißzangen	1087
WRIGLEY, Geburtszangen	728
WULLSTEIN, Saugkanülen	1098-1100
Wundspreizer	460

Alphabetischer Index – Alphabetical Index
W - Z

	Seite
Wundhäkchen	364
Wundhaken	370-411, 413-419, 422, 423, 425-435, 437-439, 442-446, 569, 946, 1045
Wundhaken, CARBOTRAC	412
Treangle-Griff	367-369
Wundhakenblätter, VARIO	420
Wundklammern	352
Wundrandpinzetten	170
Wundrandscheren	72
Wundspreizer	456-467, 472, 477
Wundspreizer, Blasen-	496, 617
Femur-	473
Wirbelsäule	476, 477
Wirbelsäulen-	478-480

Y

YANKAUER, Saugkanülen	885, 1093, 1094
YASARGIL, Mikro-Federscheren	52
Rongeure	908
Saug- und Spülkanülen	1104
YEOMAN, Biopsiezangen für Rektum	580
YOUNG, Zungenzangen	16
YOUNG-HRYNTSCHAK, Bumerang Nadelhalter	326, 623

Z

Zahnfleischscheren	12, 64-67, 69, 70
Zahnfleischscheren, DUROTIP	92
Zangen, Abfall-	19
Abortus-	732-735
Anlege-, Bulldogklemmen	786
Arterienfass-	196
Atraumatische Darmfass-	544, 545, 568
Atraumatische Gallenblasen-	595
Atraumatische Gewebefass-	544, 545, 835-837
Atraumatische Kapselfass-	622
Atraumatische Organfass-	191, 544, 545, 835-837
Atraumatische Ovarien-	687
Atraumatische Polypen-	687
Biopsie-	699-704, 706
Clipanlege-	738-745
Darmfass-	538, 539, 541, 542
Drahtbiege-	1069, 1071, 1073
Drahtfass-	1067, 1070, 1071
Drahtschneide-	1068, 1072-1078
Drahtspann-	312, 1065, 1067, 1068
Embolusfass-	846
Extraktions- für Bohrdrähte	1070, 1071
Fadenhalte-	326, 622
Flach-	1069, 1070
Fremdkörper-	200, 626
Zangen, Gallenblasen-	190, 594-596, 687
Gallenstein-	603-605
Geburts-	726-729
Gewebefass-	190, 193, 196, 197, 199, 538-540, 543
Hämorrhoiden-	585
Haken-	674-684
Hohlmeißel-	860, 1026-1037
Kathetereinführungs-	15
Klammeranlege-	352
Klammerentfernungs-	352
Knochenhalte-	1016-1024
Knochenhalte-, selbstzentrierend	1023
Knochensplitter-	859, 1038-1042
Knöchelfass-	1016
Knorpel-	1043
Kopfschwarten-	731
Korn-	10, 184-189
Kreuzbanddurchzieh-	195
Lungenfass-	838, 839
Meniskus-	1043
Nagel-	12
Nagelausreiß-	1079
Nagelspalt-	1079
Nierenfass-	613
Nierenstein-	614-616
Organfass-	190, 192, 193, 197-199, 540, 543
Ovarien-	685-688
Patella-	1016
Plazentar-	732-735
Polypen-	686-688
Rektumbiopsie-	580-582
Repositions-	1014-1016
Rippenfass-	859
Schließ-	559
Schwamm-	190, 192, 193
Sehnendurchzieh-	195
Sehnenfass-	194
Sehnenführungs-	195
Sequester-	1017
Siebbein-	899-901
Splitter-	181
Sterilisier-	1109
Synovektomie-	1026
Tampon-	672, 673
Tonnen-	1070
Tumorfass-	909
Tupfer-	10, 184-190, 192, 193
Ureter-	624
Uterusfass-	688, 689
Vorhautfass-	625
Wasch-	10, 185, 186
Zungen-	16
ZAUFAL-JANSEN, Hohlmeißelzangen	1032
Zeichenfedern	25

	Seite
ZENKER, Präparier- und Ligaturklemmen	254
Wundhaken	427
ZIEGLER, Stirnbänder	2
Stirnspiegel	2
ZIELKE, Hohlmeißel für Skoliose-Operationen	1008
Zirkel, Becken-	720
ZOELLNER, Saugkanülen	1098, 1099
Zubehör, Stirnlampen	3
Zungenspatel	4, 348
Zungenzangen	16
ZWEIFEL, DUROGRIP Nadelhalter	323
Zwillingsklemmen, Darm-	556
Magen-	556
Zwischenknochenmesser	918

Alphabetischer Index – Alphabetical Index
A

Page

A

ABBEY, sub-mucosal resection needles 515
Abdominal retractors 437-439, 441-448, 482, 483, 485-495
Abdominal retractors, fixation device 448
  mounting frame 449
Abdominal scissors 122
Abdominal spatula 435, 436, 451
ABEL, uterine tenaculum forceps 677
ABRAHAM, tonsil knives 31
ADAIR, uterine tenaculum forcpes 674
Adapter, bipolar 522, 533
Adapters, suction 1099
ADLERKREUTZ, vascular and tumor forceps 179
ADSON, bone rongeurs 1031
  burrs 1052
  delicate dissecting forceps 151, 152
  delicate tissue forceps 168, 169
  dissecting forceps, bayonet-shaped 165
  DUROGRIP non-traumatic dissecting forceps 162
  hemostatic forceps 225, 226
  monopolar diathermy forceps 517
  needle holders 301
  nerve and vessel hooks 358
  raspatories 968
  self-retaining laminectomy retractors 468, 471
  suction cannula 1094, 1095
  tissue forceps 170
ADSON-BABY, self-retaining retractors 463
ADSON-BROWN, tissue forceps 170
AESCULAP, biopsy forceps for rectum 581
  DUROGRIP needle holders 323
  hand drills 1054
  placenta and ovum forceps 734
  sponge- and dressing forceps 10, 186
  swab holders 582
  traction bows 1061
AESCULAP-PRATT, organ- and tissue grasping forceps 198
  uterine tenaculum forceps 680
ALEXANDER, bone rongeurs 1029
  gouges 1001
  raspatories 974
  rib raspatories 863
ALLEN, intestinal clamps 547
  osteophyte chisels and scraper 962
ALLENBERG, ATRAUMATA vascular clamps 803
  instruments for pulling through vascular grafts 854
  self-retaining retractor 461, 475
ALLIS, artery grasping forceps 196
  ATRAUMATA intestinal grasping forceps 544, 568
  ATRAUMATA organ- and tissue grasping forceps 836
  intestinal and tissue grasping forceps 196, 539
  lung grasping forceps 839
ALLIS-ADAIR, tissue and intestinal forceps 538

Page

ALLIS-THOMS, organ- and tissue grasping forceps 540
ALLISON, lung spatula 424, 881
ALLPORT, self-retaining retractors 458
ALM, self-retaining retractors 457
Amniotome 722
Amputation knives 28, 29, 917, 918
Amputation retractors 920
Amputation saws 921-923
Anastomosis clamps 559, 843
Anastomosis clamps, ATRAUMATA 560, 791-793, 799, 808, 822, 823, 825, 828-831
Anastomosis forceps, ATRAUMATA 563
  ATRAUMATA rectal 566
  ATRAUMATA sigmoid 564
  sigmoid 561, 562
Anatomy scissors 68
ANDERSON-ADSON, self-retaining laminectomy retractors 468
Angle clamps 612
Angle clamps, ATRAUMATA 612
ANGLE, wire cutters 1072
Anuscopes 572
Aorta clamps, ATRAUMATA 811, 816, 817, 832
Aorta punches 852
Aorta valve retractors 884
Aorta-anastomosis clamps, ATRAUMATA 818, 819
Aorta-aneurysm-clamps, ATRAUMATA 813-815
Appendectomy clamps 557
Applicators, cotton 347-351
Appliers, clip 738-745
Applying forceps, bulldog clamps 216, 786
Approximators 211, 212
Approximators, nerve 212
Arteriotomy scissors 80
Artery grasping forceps 196
ASCH, secretions scoops 626
  uterine secretion scoops 697
ASSMUS, nerve stripper 1046
ATRAUMATA coarctations clamps 827
ATRAUMATA, anastomosis clamps 560, 791-793, 799, 808, 822, 823, 825, 828-831
  aorta anastomosis clamps 818, 819
  aorta aneurysm clamps 813-815
  aorta clamps 811, 816, 817, 832
  bronchus clamps 812
  bulldog clamps 218, 219, 788-790, 820, 821
  coarctation clamps 804, 826
  compression forceps 272
  dissecting forceps 160, 161, 546, 567, 782, 783, 797, 798
  gall bladder forceps 595
  hemorrhoidal forceps 584
  hemostatic forceps 794, 795
  hysterectomy forceps and vaginal clamps 267
  iliac clamps 807

	Page
ATRAUMATA, intestinal clamps	547, 548, 550, 552, 555
intestinal grasping forceps	544, 545, 568
kidney clamps	608, 796
kidney pedicle clamps	612
ligature forceps	797, 798
lobe grasping forceps	622
multi-purpose clamps	791-793, 809, 810, 824, 825, 828, 833, 834
organ grasping forceps	191, 544, 545, 835-837
ovum forceps	687
pankreas clamps	796
parametrium clamps	268
patent ductus clamps	805, 806, 826, 827
pediatric vascular clamps	821
peripheral vascular clamps	805-807
polypus forceps	687
pressure clamps	560, 612
profunda clamps	798
rectal anastomosis forceps	566
sigmoid anastomosis forceps	563, 564
stomach clamps	557
tangential occlusion clamps	801, 802
tissue grasping forceps	191, 544, 545, 835-837
ultra-light-forceps	159, 546, 781
ureter forceps	624
vascular clamps	803
vascular clips	214, 215, 784, 785
vena cava clamps	800
Atrium retractors	882, 883
AUFRICHT, bone rasps	978
AUSTIN, micro suture tying forceps	140
AUVARD, vaginal specula	656
Awls	1055, 1056

B

BABCOCK, ATRAUMATA intestinal grasping forceps	544
ATRAUMATA organ, tissue and intestinal grasping forceps	545
ATRAUMATA organ- and tissue grasping forceps	835
lung grasping forceps	839
organ- and tissue grasping forceps	540
BABY-ADSON, dissecting and ligature forceps	245
BABY-ALLIS, intesinal and tissue grasping forceps	538
BABY-COLLIN, abdominal retractors	482
BABY-CRILE (KOCHER), hemostatic forceps	222
BABY-CRILE (PEAN), hemostatic forceps	222
BABY-CRILE-WOOD, DUROGRIP needle holders	309
BABY-KOCHER, ATRAUMATA intestinal clamps	547
intestinal clamps	547
BABY-METZENBAUM, dissecting scissors	87
DUROTIP dissecting scissors	96
DUROTIP dissecting scissors, Wavecut	102
NOIR delicate dissecting scissors	105
BABY-METZENBAUM, NOIR dissecting scissors, Wavecut	106
SuperCut scissors	91
BABY-MIKULICZ, peritoneum forceps	257
BABY-MIXTER, dissecting and ligature forceps	244
BABY-MOSQUITO (HARTMANN), hemostatic forceps	220
BABY-OVERHOLT, dissecting and ligature forceps	244
BABY-ROUX, retractors	379
BABY-SATINSKY, anastomosis clamps	843
BABY-SENN-MILLER, retractors	377
BACKHAUS, towel clamps	203
BACKHAUS-KOCHER, towel clamps	203
BAILEY, rib contractors	877
BAINBRIDGE, intestinal clamps	547
BAKES, common bile duct dilators	601
BALFOUR, Abdominal Retractors	488
BALFOUR-BABY, abdominal retractors	485
Ball electrodes	510, 511, 514
Bandage scissors	131-133, 1082
Bandages, compression	916
BANE-HARTMANN, bone rongeurs	1028
BARNES-NEVILLE, obstetrical forceps	729
BARRAQUER, lid retractors	458
micro needle holders	283, 771
BARRÉ, dissecting forceps	252, 619
dissecting scissors	618
prostate retractor	452, 620
suture holding frame	621
urethal retractor	620
urethral retractor	452
BARRON, hemorrhoidal ligators	586
scalpel handle	38
suction cannula	1097
BARSKY, fine retractors	363
BARTH, bone curettes	981
BAUMGARTNER, DUROGRIP needle holders	308
DUROGRIP wire twisters	312, 1067
needle holders	299
Bayonet-shaped dissecting forceps	165, 166
BEACHAM, amniotome	722
BECK, rongeurs	902
BECKMANN-ADSON, self-retaining laminectomy retractors	470
BECKMANN-EATON, self-retaining laminectomy retractors	471
BEEBE, wire cutting scissors	129
BEHRMAN, uterine cannula	717
BELLUCCI, suction cannula	1098
Bending irons	1059
Bending pliers	1071
BENGOLEA, hemostatic forceps	228
BENNETT, bone levers	945
BENSAUDE, anuscopes	572
BENSON, pylorus spreaders	557
BERGER, biopsy forceps	703
BERGMANN, mallets	995
plaster scissors	135, 1083

Alphabetischer Index – Alphabetical Index
B

	Page
BERGMANN, scalpels	26
wound and tracheal retractors	364
BERKELEY-BONNEY, hysterectomy forceps	266
BERNHARD, towel clamps	203
uterine tenaculum forcpes	674
BERRY, DUROGRIP wire twisters	312, 1068
BETHUNE, rib shears	857
BEYER, bone rongeurs	1029, 1032
BIEMER, approximator for nerves	212
approximators	211
clip applying forceps	210, 211
micro vein scissors	51
vessel clips	210
BIEMER-MÜLLER, approximators	211
BIER, amputation saws	922
Biopsy curettes, endometrial	698
Biopsy forceps	699-704, 706
Biopsy forceps, attachments	581, 704, 705
rectum	580-582
Bipolar adapter	522, 533
Bipolar clamps	531
Bipolar coagulation forceps	523-529
Bipolar connecting cables	532-534
Bipolar dissecting scissors	530
Bipolar forceps	620
BIRCHER, meniscus- and cartilage forceps	1043
BIRCHER-GANSKE, meniscus- and cartilage forceps	1043
BIRKETT, hemostatic forceps	228
BISHOP-HARMON, delicate tissue forceps	168
Bladder neck spreaders	622
Bladder retractors	496, 617
Bladder spatula	496, 617
Blades, microsurgical	45
scalpel	42, 43
BLAKE, embolus grasping forceps	846
gall stone forceps	603
uterine curettes	711
Blood scoops	453
BLOUNT, knee retractors	400, 1045
BLUMENTHAL, bone rongeurs	1028
Bone biopsy trephines	1057
Bone clamps	1025
Bone curettes	981-989
Bone cutting forceps	859, 1038-1042
Bone drills	1055
Bone files	978-980
Bone holding forceps	1016-1024
Bone holding forceps, self-centering	1023
Bone levers	932-945, 947-959
Bone punches	892-898
Bone rasps	978-980
Bone rasps, DUROGRIP	979
Bone retractors	387, 388
Bone Rongeurs	1030
Bone shears	116
BONNER MODELL, micro suture tying forceps	139
BONNEY, dissecting forceps	158
polypus- and ovum forceps	688
tissue forceps	177
Boomerang needle holders	326, 623
Boring wires	1058, 1059
BOROWSKI, aorta valve retractors	884
BORST, fixation clamps	842
BOSE, self-retaining retractors	456
wound and tracheal hooks	364
Bougies, metal	600
urethral	629, 630
Bowel scissors	125, 567
Bowls, round	1108
BOWMAN, probes	347
Bows, traction	1060-1062
BOYS-ALLIS, artery grasping forceps	196
intestinal and tissue grasping forceps	196, 538
BOZEMANN, uterine dressing forceps	672, 673, 675
uterine scissors	119
vaginal specula	658
BOZEMANN-DOUGLAS, uterine dressing forceps	673, 675
BRAITHWAITE, skin grafting knives	35
BRAND, tendon holding forceps	195
BRAUN, organ- and tissue grasping forceps	197
uterine depressor	671
uterine tenaculum forceps	678
vaginal specula	648
BRAUN-STADLER, episiotomy scissors	124, 724
sternum shears	856
Breakers, plaster	1087
BREISKY, vaginal specula	653
BRIDGE, hemostatic forceps	230
BRISTOW, bone levers	933
BRODIE, directors	342
rectal probes	579
BROM, vein hooks	357
Bronchus clamps, ATRAUMATA	812
Bronchus forceps	845
BROPHY, delicate dissecting forceps	155
tissue forceps	173
BROWN, tissue forceps	170
BRUNELL, hand drills	1054
BRUNNER, guiding probes	336
ligature needles	336, 1056
retractors	418, 419
rib shears	858
sigmoid anastomosis forceps	561
BRUNS, bone curettes	984, 987
plaster scissors	135, 1084
BRYANT, sponge- and dressing forceps	184
BRÜNINGS, extension cannula	705

	Page
BRÜNINGS, tongue spatula	4
BUCHWALD, tongue spatula	4
BUCK, cotton applicators	349
BUCK-GRAMCKO, bone levers	932
Bulldog clamps	216, 217, 786, 787
Bulldog clamps, ATRAUMATA	218, 219, 788-790, 820, 821
Bulldog scissors	76
BUMM, placenta- and ovum curettes	713
uterine curettes	710
BUNNEL, tendon passing probes	1048
tendon strippers	1047
BUNT, safty pins	207
BURKE, parametrium clamps	271, 692, 693
Burrs, trepanation	1052, 1053
BUSHE, bone curettes	986
BÜCHS, cheek retractors	407
raspatories	972
BÖHLER, bone cutting forceps	1040
bone rongeurs	1032
traction bows	1062

C

	Page
Cables for elektrode handles	506, 513
Cables, bipolar	532-534
monopolar	522
CAIRNS, bone flap elevators	930
dura retractors	360
hemostatic forceps	223
CAIRNS-DOTT, delicate dissecting forceps	154
Calculators, gestation	720
Calipers	8
Cannula, coagulation	521, 1105
hemorrhoidal	587
irrigation	598, 886, 1104
suction	885, 886, 1091-1102, 1104, 1105
uterine	716, 717
vessel irrigation	846
CANNY-RYALL, retractors	386
CARBOTRAC retractor	412
Cardiovascular scissors	108-111, 114
Carotid shunt clamps	842
CARREL, hemostatic forceps	220
Cartilage forceps	1043
Cartilage knives	918
Cartilage scissors	81, 89
Cartilage slitting knives	32
Cases, needle	279
CASPAR, bone curettes	988, 989
knot tier	339
nerve and vessel hooks	359
raspatories	969
retractors	408
CASPAR, rongeurs	904-906, 910
scalpel handles	44
self-retaining retractors for spine	478, 479
tampers	997
CASTANEDA, ATRAUMATA anastomosis- and multi-purpose-clamps	791
CASTROVIEJO, delicate tissue forceps	168
DUROGRIP needle holders	286, 287, 773, 774
eye scissors	49
micro needle holders	282, 770
micro scissors	48
Catheters introducing forceps	15
Catheters, urinary	627
uterine irrigation	717
CATLIN, amputation knives	28, 917
CAWTHORNE, cotton applicators	347
Cerclage wires	1065
CHADWICK, delicate scissors	67
CHAMPIONNIÈRE, bone drills	1055
CHAPUT, artery grasping forceps	196
intestinal and tissue grasping forceps	196, 538
CHARNLEY, tissue forceps	178
CHARRIÈRE, amputation saws	921, 922
CHEATTLE, sterilizing forceps	1109
Cheek retractors	405-407
CHERON, sponge- and dressing forceps	189
Chisels	998-1003, 1006-1008, 1010
Chisels, osteophyte	962, 998
sternum	856
Cholecystectomy forceps	592
Chucks, drilling	1064
Circumcision clamps	631
CITELLI, punches	892
CITELLI-BEYER, punches	892
Clamps, anastomosis	559, 843
appendectomy	557
ATRAUMATA anastomosis	560, 791-793, 799, 808, 822, 823, 825, 828-831
ATRAUMATA aorta	811, 816, 817, 832
ATRAUMATA aorta aneurysm	813-815
ATRAUMATA aorta-anastomosis	818, 819
ATRAUMATA bronchus	812
ATRAUMATA bulldog	218, 219, 788-790, 820, 821
ATRAUMATA coarctation	804, 826, 827
ATRAUMATA compression forceps	612
ATRAUMATA iliac	807
ATRAUMATA intestinal	547, 548, 550, 552, 555
ATRAUMATA kidney	608, 796
ATRAUMATA kidney pedicle	612
ATRAUMATA multi-purpose	791-793, 809, 810, 824, 825, 828, 833, 834
ATRAUMATA pankreas	796
ATRAUMATA parametrium	268, 269
ATRAUMATA patent ductus	805, 806, 826, 827

Alphabetischer Index – Alphabetical Index
C

	Page
Clamps, ATRAUMATA pediatric	821
ATRAUMATA peripheral	805-807
ATRAUMATA pressure	272, 560
ATRAUMATA stomach	557
ATRAUMATA tangential occlusion	801, 802
ATRAUMATA vaginal	267
ATRAUMATA vascular	803
ATRAUMATA vena cava	800
bipolar	531
bone	1025
bulldog	216, 217, 786, 787
carotid shunt	842
circumcision	631
colectomy	554
fixation	842
gastro intestinal	556
intestinal	547-551, 553-556, 558
kidney	608-610
kidney pedicle	611, 612
parametrium	270, 271, 692, 693
penis	625
pressure	273, 584, 612
pylorus	558
spermatic cord fixation	625
towel	201-206
tubing	17, 18
twin	556
umbilical cord	724
ureteral tunnel	254, 691
vascular	844
venous plexus	619
CLAR, head lights	3
CLAUS VAN EICKEN, ligature needles	333
Clip applier	738-745
Clip applying forceps	210, 211, 352
Clip removing forceps	352
Clip, titanium ligature	738, 740, 742, 744
Clips, ATRAUMATA vascular	214, 215, 784, 785
suture	352
vessel	210, 213
Cloth scissors	132-135, 1082
CLOWARD, lamina spreaders	481
CLOWARD MODIF., self-retaining retractors for spine	480
Coagulation cannula	521, 1105
Coagulation forceps, bipolar	523-527
Coarctation clamps, ATRAUMATA	804
Coarctations clamps, ATRAUMATA	826
COBB, raspatories	974
COBBETT, skin grafting knives	35
Colectomy clamps	554
COLLER, hemostatic Forceps	224
COLLEY, delicate dissecting forceps	155, 783
COLLIN, abdominal retractors	482
ATRAUMATA intestinal grasping forceps	544

	Page
COLLIN, ATRAUMATA organ- and tissue grasping forceps	191, 837
clip removing forceps	352
dressing and sponge holding forceps	192
hemostatic forceps	241
intestinal grasping forceps	541
kidney elevating forceps	613
organ- and tissue grasping forceps	192
retractors	380
sponge- and dressing forceps	189, 192
tongue forceps	16
umbilical cord clamps	724
uterine curettes	711
uterine elevating forceps	688, 689
vaginal specula	636
COLLIN-HARTMANN, retractors	378
Common bile duct dilators	601
Compression apparatus	916
Compression bandages	916
Compression forceps	273
Compression forceps, ATRAUMATA	272
Conductors	925
Cone Knives	696
CONE, hemi-laminectomy retractors	469
Contractors, rib	877
CONVERSE, DUROGRIP needle holders	307
fine retractors	363
needle holders	299
COOLEY, ATRAUMATA anastomosis and multi-purpose clamps	792, 793, 825, 828
ATRAUMATA anastomosis clamps	822, 823, 829, 831
ATRAUMATA aorta clamps	832
ATRAUMATA bulldog clamps	820, 821
ATRAUMATA coarctation clamps	826, 827
ATRAUMATA dissecting forceps	161, 783
ATRAUMATA multi-purpose clamps	824, 833
ATRAUMATA patent-ductus clamps	826, 827
atrium retractors	882
cardiovascular scissors	114
sternum retractors	873
COOLEY MODIF. STRUCK, atrium retractors	883
COOLEY-BECK, ATRAUMATA anastomosis clamps	822
COOPER, ligature needles	334
surgical scissors	73
Corneal forceps	151
Coronary scissors	59
CORYLLOS, retractors	425
COTTLE, bulldog scissors	76
fine wound retractors	361
fishtail osteotomes	1001
fixation forceps	165
mallets	992
osteotomes	1001
raspatories	965, 969
wound and vein retractors	373

Page

COTTLE-KNAPP, dissecting scissors 77
COTTLE-MASING, dissecting scissors 77
Cotton applicators 347-351
CRAFOORD, hemostatic forceps 229
vascular clamps 844
CRAFOORD MODIF., hemostatic forceps 230
CRAFOORD-SELLORS, vascular clamps 844
CRILE, hemostatic forceps 222, 224
needle holders 305
nerve and vessel hooks 357
retractors 379
CRILE-MURRAY, needle holders 300
CRILE-WOOD, DUROGRIP needle holders 309
needle holders 300
Curettes vacuum 714, 1090
Curettes, bone 981-989
endometrial biopsy 698
ovum 713
placenta 713
uterine 708-711
CUSCO, vaginal specula 637, 638
CUSHING, burrs 1052
delicate dissecting forceps 155
DUROGRIP dissecting forceps 164
nerve and vessel hooks 357, 359
rongeurs 902, 903, 906
tissue forceps 173
wound and vein retractors 375, 376
CUSHING-KOCHER, wound and vein retractors 374
Cutters heads, Elektra II 9
Cutters, nail 12
wire 1072-1074, 1076-1078
Cutting electrodes 509
Cystic forceps 591, 593
CZERNY, gall stone forceps 604
organ- and tissue grasping forceps 197
rectal specula 570
retractors 384
uterine tenaculum forceps 679

D

DANDY, hemostatic forceps 221
DARTIGUES, kidney elevating forceps 613
uterine elevating forceps 689
DAUBENSPECK, bone curettes 985
DAVIDSON, scapula retractors 426, 880
DAVIS, vascular spatula 850
DE BAKEY, arteriotomy scissors 80
ATRAUMATA anastomosis- and multi-purpose clamps 792
ATRAUMATA aorta aneurysm clamps 813-815
ATRAUMATA aorta clamps 817
ATRAUMATA bulldog clamps 218, 219, 788-790

Page

DE BAKEY, ATRAUMATA coarctation clamps 804
ATRAUMATA dissecting and ligature forceps 798
ATRAUMATA dissecting forceps 160, 161, 546, 567, 782, 783
ATRAUMATA iliac clamps 807
ATRAUMATA multi-purpose clamps 809, 810
ATRAUMATA patent-ductus clamps 805, 806
ATRAUMATA peripheral vascular clamps 805-807
ATRAUMATA tangential occlusion clamps 801
cardiovascular scissors 110
dissecting scissors 80
DUROGRIP needle holders 313, 314, 776, 777
DUROTIP gall duct scissors 597
DUROTIP vascular scissors 100
femur retractors 473
offset scissors 111
rib spreaders 870, 871
suction cannula 885, 1094
vascular dilators 847
DE BAKEY (LAMBERT MODIF.), ATRAUMATA aorta anastomosis clamps 819
DE BAKEY (MORRIS MODIF.), ATRAUMATA aorta clamps 811
ATRAUMATA sigmoid anastomosis forceps 563
DE BAKEY-BAINBRIDGE, ATRAUMATA hemostatic forceps 794
DE BAKEY-BECK, ATRAUMATA vena cava clamps 800
DE BAKEY-HARKEN, ATRAUMATA vena cava clamps 800
DE BAKEY-HESS, bulldog clamps 217, 787
DE BAKEY-MC QUIGG-MIXTER, ATRAUMATA dissecting and ligature forceps 797
DE BAKEY-MIXTER, ATRAUMATA dissecting and ligature forceps 797
DE BAKEY-PEAN, ATRAUMATA hemostatic forceps 795
DE BAKEY-RUMEL, dissecting and ligature forceps 797
DE BAKEY-SATINSKY, ATRAUMATA tangential occlusion clamps 802
DE LEE, pelvimeters 720
DE MARTEL, conductors 925
DE MARTEL-WOLFSON, anastomosis clamps 559
closing forceps 559
DEAVER, retractors 429-434
surgical scissors 75
Delicate dissecting forceps 153, 783
Delicate dissecting scissors 62, 76, 78, 80, 81
Delicate dissecting scissors, NOIR 105
Delicate hemostatic forceps 220-230
Delicate scissors 61, 63-70
DEMEL, wire guides 1066
wire tightening- and twisting forceps 1065
DENIS-BROWNE, abdominal retractors 490
intestinal dissecting forceps 543
intestinal forceps 180
Depressors 453
Depressors, uterine 671
DERF, DUROGRIP needle holders 307
needle holders 299

Alphabetischer Index – Alphabetical Index
D

	Page
Dermal punches	33
Dermatomes	34, 35
DERRA, ATRAUMATA anastomosis- and multi-purpose clamps	793
DERRA-COOLEY, ATRAUMATA anastomosis clamps	823
DESCHAMPS, ligature needles	329-333
DESJARDINS, dissecting and ligature forceps	256
gall duct probes	599
gall duct- and cystic forceps	591
gall stone forceps	605
gall stone scoops	602
DESMARRES, wound and vein retractors	373
DIADUST micro forceps	145, 147, 149, 150, 753, 755, 757, 769
DIADUST micro needle holders	289, 291-298, 759-767, 769
DIADUST needle holders	767
Diathermy forceps, monopolar	516-519
DICK, ATRAUMATA anastomosis clamps	808
ATRAUMATA compression forceps	272
ATRAUMATA pressure clamps	560
DIEFFENBACH, bulldog clamps	216, 786
DIETHRICH, ATRAUMATA aorta clamps	816
cardiovascular scissors	110
micro bulldog clamps	217, 787
DIETHRICH-HEGEMANN, cardiovascular scissors	110
Dilating sounds, gall duct	600
urethral	629, 630
Dilators, common bile duct	601
gall duct	600
tracheal	474
umbilical	724
uterine	662-666
vascular	847, 848
DINGMANN, bone holding forceps	1017
DINGMANN MODIF., bone holding forceps	1017
Directors	342, 579
Directors, grooved	929
with wire loops	343, 579
Disposable scalpels	22-24
Dissecting forceps	156-158, 244-256, 619, 840, 841
Dissecting forceps, angular	167
ATRAUMATA	160-162, 546, 567, 782, 783, 797, 798
bayonet-shaped	166
delicate	151-155, 783
DUROGRIP	162-164, 543
Dissecting hooks	376
Dissecting scissors	76, 77, 79-89, 618
Dissecting scissors, bipolar	530
delicate	62, 63, 76, 78, 80, 81
DUROTIP	94-99, 101-103
micro	53
nerve	63
NOIR	105-107

	Page
Dissecting suction tubes	1103
Dissectors	849, 850, 928, 929
Dissectors, phlebo	889
suction	1103
tonsil suction	1103
Distractor	1014
DITTEL, metal bougies and dilating sounds	600
urethral bougies and dilating sounds	629
DIXON-LOVELACE, hemostatic forceps	225
DOCKHORN, retractors	408
Double ended probes	346
DOYEN, abdominal retractors	444, 446
ATRAUMATA intestinal clamps	548, 550
directors	342
gall bladder forceps	596
intestinal clamps	548-550
myoma screw	690
needle holders	299
polypus- and ovum forceps	687
raspatories	976
rib raspatories	861
towel clamps	202
vaginal specula	650, 651, 654
DOYEN-CHILD, abdominal retractors	447
Draw-in forceps, vascular grafts	854
Dressing forceps	10, 184-190, 192, 193
Drilling chucks	1064
Drills	1054, 1055
Drills, trepanation	1052, 1053
Ductus clamps, ATRAUMATA	805, 826, 827
DUNHILL, hemostatic forceps	222, 227
DUPLAY, sponge- and dressing forceps	185
uterine tenaculum forceps	677
Dura hooks	361-363
Dura retractors	360
Dura scissors	112
DURHAM, retractors	405
DUROGRIP, bone rasps	979
dissecting forceps	162-164
micro needle holders	774
needle holders	286, 287, 307-310, 312-325, 568, 773-779
needle holders with scissors	311
suture forceps	163, 178
wire holding forceps	1067
wire twisters	312, 1067, 1068
DUROTIP ligature scissors	104
DUROTIP scissors	92-100, 597
DUROTIP uterine scissors	103
DUROTIP Wavecut scissors	101-103
DUROTIP wire cutting scissors	100
DUVAL, intestinal dissecting forceps	543
intestinal forceps	180
intestinal grasping forceps	542

	Page
DUVAL, lung grasping forceps	839
DUVAL-COLLIN, intestinal grasping forceps	541

E

	Page
Ear hooks	356
EAST GRINSTEAD (WARD), chisels	1002
osteotomes	1002
EASTMAN, chisels	1002
vaginal specula	652
ECHLIN, bone rongeurs	1033
ECKHOFF, mapping pen	25
Electric hair clippers	9
Electrode handles	506-508, 513
Electrode handles, single use	508
Electrodes, ball	510, 511, 514
cutting	509
knife	509, 511
loop	509, 514
needle	509-512, 514
plate	510
wire loop	511, 512
Elevators	930, 931, 963
Embolus grasping forceps	846
EMMET, fistula hooks	372
sponge- and dressing forceps	189
Endarterectomy strippers	851
Endometrial biopsy curettes	698
Endospecula for cervix and urethra	667
ENGEL, plaster saws	1082
ENGL. MOD., towel clamps	201
Enucleation scissors	77
Episiotomy scissors	124, 724
EPPENDORF, biopsy forceps	703
ESMARCH, compression bandage	916
plaster knives	1082
plaster scissors	135, 1083
Ethmoidal forceps	899-901
Exploration hooks	359
Extension cannula	705
Extraction pliers for boring wires	1070, 1071
Extractors, phleb	889
Eye forceps	168
Eye scissors	49

F

	Page
FARABEUF, bone holding forceps	1019
raspatories	971
retractors	379
FARABEUF-COLLIN, raspatories	971
FARABEUF-LAMBOTTE, bone holding forceps	1019
FARRELL, cotton applicators	348, 350
FAURE, biopsy forceps	700
peritoneum forceps	260
FAVOLORO, cardiovascular scissors	111
FEILCHENFELD, splinter forceps	181
Femur retractors	473
FERGUSSON, bone holding forceps	1018
pressure clamps	584
suction cannula	1095, 1096, 1102
FERGUSSON-ACKLAND, mouth gags	14
FERRIS-SMITH, DUROGRIP dissecting forceps	163
Fibre light attachment	574, 575
Fibre light carrier	575
FICKLING, hemostatic forceps	237
Files, bone	978-980
nail	13
Fine retractors	360, 363
Fine wound retractors	361, 362
Finger goniometer	8
Finger ring saws	1079
FINOCHIETTO, dissecting and ligature forceps	251, 840
DUROGRIP needle holders	318
rib spreaders	866-868
thoracic retractors	864, 865
FINOCHIETTO-BURFORD, rib spreaders	869
FINSEN, self-retaining retractors	456
FINSEN MODIF., self-retaining retractors	456
FINSTERER, suction and irrigation cannula	886, 1104
FISCH, dura retractors	363
Fishtail osteotomes	1001
Fistula hooks	372
Fistula knives	30
Fistula probes	343, 579
Fixation clamps	842
Fixation device, abdominal retractors	448
Fixation forceps	165
Flap knives	28, 917
Flat-nosed pliers	1069, 1070
FOMON, bone files	979
lower lateral scissors	77
rasps	979
retractors	370
Forceps, applying, bulldog clamps	216, 786
artery grasping	196
ATRAUMATA compression	272
ATRAUMATA dissecting	160-162, 782, 783, 797, 798
ATRAUMATA gall bladder	595
ATRAUMATA hemorrhoidal	584
ATRAUMATA hemostatic	794, 795
ATRAUMATA hysterectomy	267
ATRAUMATA intestinal	544, 568
ATRAUMATA intestinal grasping	544, 545
ATRAUMATA ligature	797, 798
ATRAUMATA lobe grasping	622

Alphabetischer Index – Alphabetical Index
F

	Page
Forceps, ATRAUMATA organ grasping	191, 544, 545, 835-837
ATRAUMATA ovum	687
ATRAUMATA polypus	687
ATRAUMATA rectal anastomosis	566
ATRAUMATA sigmoid anastomosis	563, 564
ATRAUMATA tissue grasping	191, 544, 545, 835-837
ATRAUMATA ultra-light	159, 781
biopsy	699-704, 706
biopsy for rectum	580-582
bone cutting	859, 1038-1042
bone holding	1016-1024
bone holding, self-centering	1023
bronchus	845
caesarean section	730, 731
cartilage	1043
catheters introducing	15
cholecystectomy	592
clip applying	210, 211, 352
clip removing	352
closing	559
coagulation, bipolar	523-529
compression	273
corneal	151
cross ligament passing	195
cystic	591, 593
delicate	783
DIADUST	145, 147, 149, 150, 753, 755, 757, 769
dissecting	156-158, 163, 164, 244-256, 619, 840, 841
dissecting, angular	167
dissecting, bayonet-shaped	165, 166
dissecting, delicate	151-155
dissecting, diathermy	519
dressing	10, 184-190, 192, 193
dressing nasal	165-167
DUROGRIP	162, 163, 178
embolus grasping	846
ethmoidal	899-901
eye	168
fixation	165
foreign body	200, 626
foreskin grasping	625
gall bladder	594-596
gall duct	590-593
gall stone	603-605
grasping for ligamentum flavum	913
hemorrhoidal	583, 585
hemostatic	231-241
hemostatic, delicate	220-230
Hysterectomy	262
intestinal	180, 543
intestinal dissecting	543
intestinal grasping	538, 539, 541, 542

	Page
Forceps, kidney elevating	613
kidney stone	614-616
ligature	158, 244-256, 840, 841
ligature holding	326, 622
lung grasping	180, 838, 839
malleolar	1016
membrane puncturing	722
meniscus	1043
micro	139-143, 145, 147, 149, 753, 755, 757, 769
micro, jeweler patterns	138
micro, suture tying	139
monopolar diathermy	516-518, 520
nail extracting	1079
nail splitting	1079
obstetrical	726-729
organ grasping	190, 192, 193, 197-199, 540, 543, 839
ovum	685-688, 732-735
patella	1016
peritoneum	257-260
pick-up	19
placenta	732-735
polypus	685-688
reposition	1014-1016
rib holding	859
scalp flap	731
sequestrum	1017
sigmoid anastomosis	561, 562
sinus	184
splinter	181
sponge	10, 185-190
sponge holding	184, 192, 193
sterilizing	1109
suture	163, 178
suture tying	139, 140, 143
tendon holding	195
tendon interlacing	194
tendon passing	195
tendon seizing	194
tissue	168, 170, 173-179
tissue grasping	190, 192, 193, 196-199, 538-540, 543
tissue, delicate	168, 169, 171, 172
tongue	16
tonsil	240
tumor	179
tumor grasping	909
ureter, ATRAUMATA	624
uterine dressing	672, 673, 675
uterine elevating	688, 689
uterine tenaculum	674-684
vascular	179
wire cutting	1068

	Page
Forceps, wire holding	1070, 1071
wire holding, DUROGRIP	1067
wire tightening	1065
wire twisting	1065
Foreign body forceps	200, 626
Foreskin grasping forceps	625
FORMBY, suction cannula	1097
FOWLER, tonsil knives	31
Frame, suture holding	621
FRASER-KELLY (CRILE), hemostatic forceps	226
FRAZIER, dura retractors	360
suction cannula	1096
FREER, chisels	998
dissectors	849
fine retractors	361
gouges	998
raspatories	963-965
FREER-YASARGIL, raspatories	965
FRIEDMAN, bone rongeurs	1026
FRITSCH, abdominal retractors	445
FRYKHOLM, bone rongeurs	1033
FUCHSIG, hemostatic forceps	225
FÖRSTER-BALLENGER, gall bladder forceps	594
sponge holding and dressing forceps	190

G

GABRIEL, hemorrhoidal cannula	587
hemorrhoidal syringes	587
rectal specula	573
Gags, mouth	14, 15
GALABINS, uterine probes	670
Gall bladder forceps	594-596
Gall bladder forceps, ATRAUMATA	595
Gall bladder scissors	596
Gall duct dilators	600
Gall duct forceps	590-593
Gall duct probes	598, 599
Gall duct scissors	597
Gall duct scissors, DUROTIP	597
Gall stone forceps	603-605
Gall stone scoops	602
GALLAHER, bone files	978
GARRETT, vascular dilators	848
Gastro-intestinal clamps	556
GELPI, skin retractors	473
vaginal retractors	473, 659
GEMINI, dissecting and ligature forceps	248
GERALD, delicate dissecting forceps	154
delicate tissue forceps	172
micro forceps	149, 757
Gestation calculators	720
GIERTZ-STILLE, rib shears	858

	Page
GIGLI, wire saws	924
GILLIES, delicate dissecting forceps	154
delicate tissue forceps	172
DUROGRIP needle holders with scissors	311
fine retractors	362
monopolar diathermy forceps	517
needle holders with scissors	304
osteotomes	999
suction cannula	1101
GLASSER, DIADUST micro needle holder	296, 766
GLOVER, ATRAUMATA anastomosis clamps	799
ATRAUMATA bulldog clamps	218, 219, 788, 789
GLUCK, rib shears	857
GOELET, Retractor	386
GOLDMAN-FOX, DUROTIP scissors	92
GOLIGHER, abdominal retractors	488
Goniometers	8
GORNEY, dissecting scissors	81
suction dissectors	1103
SuperCut scissors	90
GOSLEE, wire bending pliers	1069
GOSSET, abdominal retractors	485
Gouges	998-1001, 1003, 1007, 1008, 1010, 1011
Gouges, lamina	1009
scoliosis operations	1008
spongiosa	1009, 1010
GOULIAN, skin grafting knives	34
GOURDET, uterine scoops	707
GRAEFE, dissecting scissors	76
nerve- and vessel hooks	356
skin hooks	360
tissue forceps	170
Grasping forceps for ligamentum flavum	913
Grasping forceps, artery	196
ATRAUMATA intestinal	544, 545, 568
ATRAUMATA lobe	622
ATRAUMATA organ	191, 544, 545, 835-837
ATRAUMATA tissue	191, 544, 545, 835-837
embolus	846
foreskin	625
intestinal	180, 538-543
lung	838, 839
organ	197-199, 540, 543
tissue	196-199, 538-540, 543
tumor	909
uterine	197
GRAVE, vaginal specula	640
GRAY, cholecystectomy forceps	592
dissecting and ligature forceps	256
GREEN-ARMYTAGE, caesarean section hemostatic forceps	730, 731
GREENE, cheek retractors	406
GREGORY, atraumatic profunda clamps	798
GREY-TURNER, hemostatic forceps	227

Alphabetischer Index – Alphabetical Index
G - H

	Page
Grooved directors	929
GROSS, sponge- and dressing forceps	10, 185
GRUENWALD, dissecting forceps, bayonet-shaped	166
DUROGRIP dissecting forceps	164
Guide needles	353
Guides, wire	1066
Guiding probes	336-338
GULEKE, bone rongeurs	1030
GUTHRIE, skin hooks	360
GUYON, ATRAUMATA kidney clamps	608
kidney clamps	608-610
urethral bougies and dilating sounds	630
GWILLIAM, hysterectomy forceps	266
Gynecology scissors	117-121

H

HAASE, reposition forceps	1014
HABERER, abdominal and intestinal spatula	450
HAIGHT, rib spreaders	867
Hair clippers, electric	9
HAJEK, irrigation cannula	598
mallets	993
retractors	385
HAJEK-KOFLER, punches	893, 894
HAKANSSON, bone rongeurs	1028
HALLE, bone curettes	985
dissectors	849
elevators	963
HALSEY, DUROGRIP needle holders	307, 308
needle holders	299
HALSTED, hemostatic forceps	225
HALSTED-MOSQUITO, hemostatic forceps	220, 226
Hand drills	1052-1054
Hand fixation plate	1049
Handles, electrode	506-508, 513
scalpel	38-41, 44, 45, 618
suction	1092
VARIO retractor system	421
HARRINGTON, lung spatula	422, 878
retractors	422
HARRINGTON-PEMBERTON, lung spatula	879
retractors	423
HARTMANN, ATRAUMATA intestinal clamps	548
cotton applicator	351
intestinal clamps	548
tuning forks	6
HARVEY, wire cutting pliers	1074
wire cutting scissors	129, 1073
HARVEY JACKSON, self-retaining laminectomy retractors	470
HASSON, retractors	428
Head lights	3
Head lights, accessories	3
Head mirrors	2
HEANEY, ATRAUMATA hysterectomy forceps	267
DUROGRIP needle holders	315
hysterectomy forceps	261
needle holders	302
uterine curettes	711
vaginal specula	652
HEANEY MODIF., hysterectomy forceps	261
HEANEY-BALLENTINE, Hysterectomy Forceps	262
HEANEY-REZEK, Hysterectomy Forceps	261
HEATH, clip removing forceps	352
mallets	996
HEGAR, DUROGRIP needle holders	310
needle holders	302
uterine dilators	662-664
HEGAR-MAYO, DUROGRIP needle holders	310
HEGAR-MAYO-SEELEY, DUROGRIP needle holders	309
HEGAR-OLSEN, DUROGRIP needle holders with scissors	311
needle holders with scissors	304
HEGAR-OLSEN MODIF. LANGE, DUROGRIP needle holders with scissors	311
HEGENBARTH, clip applying forceps	352
HEIMING, kidney stone forceps	614
HEISS, dissecting and ligature forceps	250
hemostatic forceps	227
HEISTER, mouth gags	14
HELLBERG/KUPKA, DUROGRIP needle holders	321, 775
Hemi-laminectomy retractors	469
HEMINGWAY, bone curettes	982
Hemorrhoidal cannula	587
Hemorrhoidal forceps	583, 585
Hemorrhoidal forceps, ATRAUMATA	584
Hemorrhoidal ligators	585, 586
Hemorrhoidal syringes	587
Hemostatic forceps	231-241
Hemostatic forceps, ATRAUMATA	794, 795
caesarean section	730, 731
delicate	220-230
HENCKEL-TILLEY, rongeurs	900
HENDERSON, self-retaining retractors	465
HENNIG, plaster spreaders	1087
HERFF, membrane puncturing forceps	722
HERRICK, kidney pedicle clamps	611
HERTZLER, abdominal retractors	485
rib spreaders	866
HERZ, tendon seizing forceps	194
HESS, nerve root retractors	376
HEY GROVES, bone holding forceps	1022
HEYWOOD-SMITH, gall bladder forceps	594, 595
hemorrhoidal forceps	583
organ- and tissue grasping forceps	193
polypus and ovum forceps	685, 686
sponge holding and dressing forceps	192, 193
tongue forceps	16

	Page
HEYWOOD-SMITH MODIF., gall bladder forceps	596
hemorrhoidal forceps	583
sponge holding and dressing forceps	192
HIBBS, osteotomes	1004
retractors	946
HILL, raspatories	965
Hip retractors	947-959
HOHMANN, bone levers	940
HOHMANN-ALDINGER, bone levers	943
Holders, clamp	559
needle	299-303, 305
needle, DUROGRIP	286, 568
needle, with scissors	304
swab	582
Hollow mills	1057
HOLZBACH, abdominal retractors	483
hysterectomy forceps	265
Hooks, coagulation	359
dissecting	376
dura	361-363
ear	356
exploration	359
fistula	372
I.U.D. removing	697
nerve	356-359, 376
saddle	369
skin	360-363
spermatic cord	625
tendon	373
tendon double	369
tracheal	364
vein	357
vessel	356-359
wound	364
HOPT, ATRAUMATA kidney and pankreas clamps	796
HOUSE, suction adapter	1099
suction and irrigation cannula	1104
HOWARTH, raspatories	964
HUDSON, burrs	1052
delicate dissecting forceps	151
hand drills	1052
tissue forceps	170
HUDSON DOWNS, burrs	1053
hand drills	1053
HUMBY, skin grafting knives	35
HUNTER, splinter forceps	181
HURD, ligature needles	332
Hysterectomy Forceps	262
Hysterectomy forceps, ATRAUMATA	267
Hysterectomy scissors	120
Hysterectomy scissors, DUROTIP	100
HÖSEL, DUROGRIP needle holders	324
retractors	411, 569

I

	Page
Iliac clamps, ATRAUMATA	807
Iliaca retractor	475
ILNER, fine retractors	363
Incisions scissors	75
INGE, lamina spreaders	481
Ink pot	25
Instruments oil	1112
Instruments, tunneling	853
Interosseus knives	918
Intestinal clamps	547-551, 553-556, 558
Intestinal clamps, ATRAUMATA	547, 548, 550, 552, 555
Intestinal dissecting forceps	543
Intestinal forceps	180, 543
Intestinal grasping forceps	538, 539, 541, 542
Intestinal grasping forceps, ATRAUMATA	544, 545, 568
Intestinal needles	278
Intestinal spatula	435, 436, 450, 451
Irrigation cannula	598, 886, 1104
Irrigation cannula, vessel	846
IRWIN, self-retaining retractors	467
ISRAEL, retractors	393
IVES-FANSLER, anuscopes	572

J

	Page
JACKSON, tendon seizing forceps	194
vaginal specula	650
JACKSON-BURROWS, self-retaining retractors	472
tissue forceps	177
JACOBS, uterine tenaculum forceps	682
JACOBSON, bone curettes	981
hemostatic forceps	221, 226
micro needle holders	282, 770
micro scissors	52
JAMESON, dissecting scissors	79
needle holders	302
SuperCut scissors	90
JAMESON-WERBER, dissecting scissors	79
JANSEN, bone curettes	981, 982
bone rongeurs	1028, 1029
dissecting forceps, bayonet-shaped	165
raspatories	972
self-retaining retractors	458
JAVID, Carotid shunt clamps	842
JEFFERSON, delicate dissecting forceps	152
delicate tissue forceps	169
self-retaining retractors	464
JENKNER, instruments for tunneling and pulling-through vascular grafts	853
JOHNS-HOPKINS, applying and removing forceps	216, 786
bulldog clamps	216, 786
JOLL (FRIEDMAN), thyroid- and vaginal retractors	472, 659

Alphabetischer Index – Alphabetical Index
J - K

	Page
JONES, towel clamps	201
JONESCO, ligature needles	333
JOSEPH, bone files	978
delicate scissors	61, 70
nasal knives	32
raspatories	961
skin hooks and retractors	362
SuperCut scissors	90
JUDD-ALLIS, organ- and tissue grasping forceps	540
JÄGER, skin hooks	362
tendon- and cross ligament passing forceps	195

K

	Page
KADER, abdominal and intestinal spatula	451
KALLMORGEN, vaginal specula	646
KANTROWITZ, dissecting and ligature forceps	252
KAZANJIAN, bone cutting forceps	1038
KELLY, abdominal retractors	439
delicate scissors	70
dressing and sponge holding forceps	193
hemostatic forceps	221
organ- and tissue grasping forceps	193
placenta and ovum forceps	734
polypus and ovum forceps	685
proctoscopes	573
retractors	415
sphincteroscopes	572
KERN-LANE, bone holding forceps	1020, 1021
KERN-MINI, bone holding forceps	1021
KERPEL, bone curettes	983
KERRISON, punches	892, 898
punches, detachable	896-898
KERSTING, ATRAUMATA sigmoid anastomosis forceps	564
KEY, raspatories	972
KEYES, dermal punches	33
KEYES MODIF., dermal punches	33
Kidney clamps	608-610
Kidney clamps, ATRAUMATA	608, 796
Kidney elevating forceps	613
Kidney pedicle clamps	611, 612
Kidney pedicle clamps, ATRAUMATA	612
Kidney stone forceps	614-616
Kidney trays	1108
KIEBACK, parametrium scissors	120, 121, 692, 693
ureteral tunnel clamps	254, 691
KIELLAND, obstetrical forceps	726
KILLIAN, bone shears	116
probes	347
raspatories	964
rectal specula	570
KILNER, cheek retractors	383
delicate dissecting scissors	76
KILNER, dissecting scissors	79
DUROGRIP needle holders	308
fine retractors	361
needle holders	300
retractors	377, 383
KING COLLEGE HOSPITAL, cotton applicator	349
KIRSCH, retractors	405
KIRSCHNER, abdominal retractors	494, 495
boring wires	1058, 1059
guiding probes	338
traction bows	1060
KLAPP, tendon hooks	373
Kleiderscheren	1082
KLEINERT-KUTZ, tendon passing forceps	195
KLEINSCHMIDT, appendectomy clamps	557
KLIMA-ROSEGGER, sternal puncture needles	634
KLINIKUM BERLIN, tubing clamps	17
KLINKENBERG-LOTH, vascular scissors	115
Knee retractors	399, 400, 1045
Knife electrodes	509, 511
Knives, amputation	28, 29, 917, 918
cartilage	918
cartilage slitting	32
cone	696
fistula	30
flap	28, 917
interosseus	918
meniscus	1044
nasal	32
periosteum	29, 918
phalangeal	29, 918
plaster	1082
resection	29, 918
skin grafting	34, 35
tonsil	31
trigeminal	31
Knot tier	339
KNOWLES, bandage scissors	131
KOCHER, ATRAUMATA intestinal clamps	552
bone retractors	387
depressors	453
guiding probes	337
hemostatic forceps	235
intestinal clamps	549, 551
ligature needles	335
retractors	387, 389, 390, 403, 409
wound and vein retractors	374
KOCHER-LANGENBECK, retractors	396
KOCHER-OCHSNER, hemostatic forceps	236
KOCHER-WAGNER, retractors	410
KOFLER, punches	894
KOGAN, endospecula	667
endospecula for cervix and urethra	667
KRAUSE, biopsy tips	705

	Page
KRAYENBÜHL, nerve and vessel hooks	358
KRISTELLER, vaginal specula	641-645, 647
KRONECKER, ligature needles	329
Krypt hooks	579
KRÄMER, chisels for osteophytes	998
grasping forceps for ligamentum flavum	913
raspatories	971, 972
retractors	407
rongeurs	909
KRÖNLEIN, hemostatic forceps	231
KÜMMEL, retractors	436
KÜSTNER, uterine tenaculum forceps	681
KÖNIG, elevators	930
guiding probes	337
raspatories	960
wound and vein retractors	374
KÖRTE, retractors	392, 436
KÖRTE-WAGNER, retractors	392

L

LA GRANGE, delicate scissors	69
LABORDE, tracheal dilators	474
LAHEY (SWEET), dissecting and ligature forceps	255
LAHEY, dissecting and ligature forceps	255
gall duct forceps	590
organ- and tissue grasping forceps	197
retractors	404
uterine tenaculum forceps	678
LAMBERT-KAY, ATRAUMATA aorta anastomosis clamps	819
LAMBOTTE, bone holding forceps	1024
osteotomes	1001, 1005
raspatories	973
rib raspatories	863
Lamina gouges	1009
Lamina spreaders	481
Laminectomy retractors, self-retaining	468, 470, 471, 476-478
LANCASTER, lid retractors	458
LANDAU, vaginal specula	653
LANDOLT, coagulation and suction cannula	521, 1105
dissecting suction tubes	1103
enucleation scissors	77
raspatories	969
scalpel handles	45
tumor grasping forceps	909
LANDON, vaginal specula	651
LANE, bone holding forceps	1020, 1021
bone levers	933
gastro-intestinal twin forceps	556
organ- and tissue grasping forceps	543
retractors	384
tissue forceps	176
towel clamps	202
LANE TRETHOWAN, bone levers	933
LANG-STEVENSON, intestinal clamps	554
LANGE, fistula hooks	372
LANGE-HOHMANN, bone levers	934
LANGE-HOHMANN MODIF., bone levers	935
LANGENBECK, amputation saws	923
bone holding forceps	1018
DUROGRIP needle holders	322
elevators	931
flap knives	28, 917
raspatories	971, 972
resection knives	29, 918
retractors	394, 395, 398
rib raspatories	863, 972
LANGENBECK-GREEN, retractors	370
LANGENBECK-MANNERFELTMODIF., retractors with treangle handle	368
Laryngeal mirrors	5
LATHBURY-FARRELL, cotton applicators	348, 350
LAWRENCE, dissecting and ligature forceps	253
needle holders	301
LAZAR, micro suture tying forceps	140
Lead hand	1049
LEBSCHE, conductors	925
sternum chisels	856
LEECH-WILKINSON, biopsy forceps	704
uterine cannula	716
LEES, ATRAUMATA bronchus clamps	812
LEGUEU, bladder spatula	496, 617
LEITZ, ATRAUMATA anastomosis clamps	828
LEKSELL, bone rongeurs	1033
LEKSELL-STILLE, bone rongeurs	1034
LELAND-JONES, ATRAUMATA, peripheral vascular clamps	807
LEMPERT, bone curettes	985
bone rongeurs	1029
raspatories	962
LERICHE, hemostatic forceps	223
retractors	435
Levers, bone	932-945, 947-959
luxation	945, 947
obstetric	730
LEWIN, bone clamps	1025
LEWIS, bone rasps	978
LEXER, dissecting scissors	85
DUROTIP dissecting scissors	95, 101
gouges	1008
NOIR dissecting scissors, Wavecut	107
osteotomes	1008, 1010
spongiosa gouges	1010
LEXER-MINI, gouges	1007
osteotomes	1007
LICHTENBERG, DUROGRIP needle holders	324
Lid retractors	458
Ligators, hemorrhoidal	585, 586

Alphabetischer Index – Alphabetical Index
L - M

	Page
Ligature clip, titanium	738, 740, 742, 744
Ligature discs	1065
Ligature forceps	158, 244-256, 840, 841
Ligature forceps, ATRAUMATA	797, 798
Ligature holding forceps	326, 622
Ligature needles	329-336, 1056
Ligature rubber rings	585
Ligature scissors	128
Ligature scissors, DUROTIP	92, 101, 104
micro	60
LISTER, bandage scissors	132
bandage- and cloth scissors	133
sinus forceps	184
Verband- und Kleiderscheren	1082
LISTON, amputation knives	28, 917
bone cutting forceps	1039, 1041
LISTON-KEY-HORSLEY(TUDOR EDWARDS), bone cutting forceps	859, 1042
LISTON-STILLE, bone cutting forceps	859, 1042
LITTAUER, ligature scissors	128
LITTLER, dissecting scissors	76
LITTLEWOOD, uterine tenaculum forceps	683
LLOYD-DAVIES, biopsy forceps for rectum	580
proctoscopes	575
sigmoid anastomosis forceps	562
sigmoidoscopes	575
LLOYD-DAVIES (GOLIGHER'S), rectal scissors	125, 565
Lobe grasping forceps, ATRAUMATA	622
LOCKHART-MUMMERY, fistula probes	343, 579
rectal probes	343
LOCKLIN, delicate scissors	69
LOCKWOOD, intestinal grasping forceps	541
LOGAN MODIF. REILL, self-retaining retractors	457
Loop electrodes	509, 514
LOPEZ-REINKE, tonsil suction dissectors	1103
LORNA, Towel clamps	205
LOUTE, wire tightener	1065
LOVE-GRUENWALD, rongeurs	902, 906, 907
Lower lateral scissors	77
LOWER, dissecting and ligature forceps	255
gall duct forceps	590
LOWMAN, bone clamps	1025
LOWMAN-GERSTER, bone clamps	1025
LOWMAN-HOGLUND, bone clamps	1025
LUCAE, dissecting forceps, bayonet-shaped	165
tuning fork	6
LUCAS, bone curettes	982
chisels	1001
gouges	1001
LUER, bone rongeurs	1027, 1028, 1030
hemorrhoidal forceps	583
retractors	379
LUER-FRIEDMANN, bone rongeurs	1026
LUER-KÖRTE MODIF., gall stone scoops	602
LUER-STILLE, bone rongeurs	1035, 1036
Lung grasping forceps	180, 838, 839
Lung spatula	422-426, 878, 879, 881
Luxation levers	945, 947

M

	Page
MAC DONALD, raspatories	964
MAGILL, catheters introducing forceps	15
suction cannula	1100
MAIER, sponge- and dressing forceps	187
MAINGOT, hysterectomy forceps	260
Malleable spatulas	450
Malleolar forceps	1016
Mallets	992-996
MALTZ, bone rasps	978
Mamilla markers	8
Mammaria retractors	876
MANNERFELT MODIF., gouges	998
osteotomes	998
raspatories	967
retractors with treangle handle	367-369
saddle hooks	369
spatula	369
tendon double hooks	369
Mapping pens	25
MARBURG, wire bending pliers	1069
Markers, mamilla	8
MARQUARDT, bone rongeurs	1032
MARTIN, meniscus- and cartilage forceps	1043
pelvimeters	720
retractors	417
uterine probes	670
uterine tenaculum forceps	677
vaginal specula	655
MARTINI, bone curettes	981
MASING, cartilage slitting knives	32
DUROGRIP needle holders	307
wound and vein retractors	373
MASSON, DUROGRIP needle holders	318
needle holders	303
MASSON-LUETHY, needle holders	303
MATHIEU, DUROGRIP needle holders	325
foreign body forceps	626
needle holders	305
rectal specula	571
retractors	385
vaginal specula	649
MATHIEU-STILLE, needle holders	305
MAYFIELD, bone rongeurs	1032
MAYO, dissecting scissors	82, 83, 86
DUROTIP dissecting scissors	94, 101
gall duct probes	598

	Page
MAYO, safty pins	207
SuperCut scissors	91
uterine probes	670
MAYO-ADAMS, self-retaining retractors	465
MAYO-HARRINGTON, dissecting scissors	84
MAYO-HEGAR, needle holders	301, 302
MAYO-LEXER, dissecting scissors	85
DUROTIP dissecting scissors	95, 101
NOIR dissecting scissors	105
NOIR dissecting scissors, Wavecut	107
MAYO-NOBLE, dissecting scissors	84
MAYO-ROBSON, ATRAUMATA intestinal clamps	555
intestinal clamps	555
MAYO-STILLE, dissecting scissors	82, 83
MC CLINTOCK, placenta- and ovum forceps	735
MC CLURE, micro scissors	48
MC GIVNEY, hemorrhoidal forceps	585
MC INDOE, bone cutting forceps	1040
delicate dissecting forceps	154
delicate tissue forceps	172
fine retractors	361
monopolar diathermy forceps	517
MC KENTY, raspatories	960
MC KENZIE, burrs	1052, 1053
perforators	1053
MC KISSOCK, raspatories	971
MEAD, bone rongeurs	1029
mallets	992
raspatories	966
Measures, medical	1108
MEHDORN, clip applying forceps	210
vessel clips	210
Membrane puncturing forceps	722
Meniscus forceps	1043
Meniscus knives	1044
Mercedes retractors	874
METZENBAUM, delicate dissecting scissors	62
dissecting scissors	87
DUROTIP dissecting scissors	97, 98
DUROTIP dissecting scissors, Wavecut	102, 103
NOIR delicate dissecting scissors	105
NOIR dissecting scissors	105
NOIR dissecting scissors, Wavecut	107
SuperCut scissors	91
MEYER, reposition forceps	1015
MEYERDING, retractors	371, 416
MICHEL, clip applying forceps	352
rhinoscopic mirrors	5
suture clips	352
MICHEL MODIF., clip applying and removing forceps	352
Micro dissecting scissors	53
Micro forceps	141, 142, 145, 147, 150, 753, 755, 757, 769
Micro forceps, jeweler patterns	138
Micro ligature scissors	60
Micro needle holders	282-285, 770-772
Micro needle holders, DIADUST	289, 291, 293, 295-298, 759, 761, 763, 765-767, 769
DUROGRIP	287, 774
Micro scalpel handles	44, 45
Micro scalpels	24
Micro scissors	48-53, 55, 57-60, 747, 749, 768
Micro suture tying forceps	139, 140, 143
Micro vein scissors	51
MICRO-ADSON, delicate dissecting forceps	151, 152
delicate tissue forceps	168, 169
dissecting and ligature forceps	244
MICRO-ADSON-BIEMER, delicate tissue forceps	168
MICRO-HALSTED, hemostatic forceps	220
Microsurgical blades	45
MIDDELDORPF, cheek retractors	406
MIKULICZ, abdominal retractors	437, 438
peritoneum forceps	257-259
tonsil forceps	240
MILLER, bone rasps	979
MILLESI, micro scissors	52
MILLIN, ATRAUMATA lobe grasping forceps	622
bladder neck spreaders	622
bladder retractors	496, 617
ligature holding forceps	326, 622
MILLS, cardiovascular scissors	111
gall duct scissors	597
Mills, hollow	1057
MIOS, hip retractors	947-959
Mirrors, head	2
laryngeal	5
rhinoscopic	5
MITCHELL, raspatories	973
MIXTER, dissecting and ligature forceps	253, 255, 841
gall duct- and cystic forceps	593
MIXTER-O'SHAUGNESSY, dissecting and ligature forceps	249
MOD. BERLIN, endometrial biopsy curettes	698
MOD. MÜNCHEN, endometrial biopsy curettes	698
MOD. USA, plaster spreaders	1087
Modular handle	959
MOLLISON, self-retaining retractors	464
MOLT, raspatories	966
Monopolar connecting cable	522
Monopolar diathermy forceps	516-518, 520
Monopolar scissors	515
MORRIS, ATRAUMATA aorta clamps	811
ATRAUMATA sigmoid anastomosis forceps	563
retractors	415
MORSE, sternum retractors	872
Mounting frames, abdominal retractors	449
Mouth gags	14, 15
MOYNIHAN, gall duct forceps	592

Alphabetischer Index – Alphabetical Index
M - O

	Page
MOYNIHAN, gall duct probes	598
hemostatic forceps	223, 239
intestinal clamps	553
Multi-purpose clamps, ATRAUMATA	791-793, 809, 810, 824, 825, 828, 833, 834
MURPHY, head bands	2
retractors	391
MURPHY-LANE, luxation levers	945
MUSEUX, organ- and tissue grasping forceps	197
uterine tenaculum forceps	678, 683, 684
MÜHLING, bone shears	116
raspatories	969
MÜLLER, abdominal retractor	442
ATRAUMATA rectal anastomosis clamp	566
ATRAUMATA vascular clips	214, 215, 784, 785
DUROGRIP needle holders	317, 568
DUROGRIP suture forceps	178
fine retractors	361
micro forceps	141, 142
micro needle holders	285
micro scissors	55
rectal scissors	127, 567
vessel clips	213
Myoma screws	690
Myrtle leaf probes	344

N

NABATOFF, vein stripper set	887
Nail cutters	12
Nail extracting forceps	1079
Nail files	13
Nail scissors	11, 12, 130
Nail splitting forceps	1079
Nail splitting scissors	75, 1079
Nasal dressing forceps	165-167
Nasal knives	32
Nasal tampon forceps	184
NAUNTON MORGAN, DUROGRIP needle holders	317
rectal specula wit cold light	574
Needle cases	279
Needle electrodes	509-512, 514
Needle holders	299-303, 305
Needle holders with scissors	304
Needle holders, boomerang	326, 623
DIADUST	289, 291, 293, 295-298, 759, 761, 765-767, 769
DUROGRIP	286, 287, 307-310, 312-325, 568, 773-779
micro	282-285, 287, 289, 291, 293, 295-298, 759, 761, 765-767, 769-772, 774
with scissors	304
Needle holders, with scissors, DUROGRIP	311
Needles	327, 328
Needles, guide	353
intestinal	278
ligature	329-336, 1056
pudendus block	721
sternal puncture	634, 855
sub-mucosal resection	515
surgical	276-278
NEGUS, suction dissectors	1103
tonsil forceps	240
NELATON, directors	342
NELSON, lung grasping forceps	180, 838
NELSON-METZENBAUM, dissecting scissors	88
DUROTIP dissecting scissors	97
DUROTIP dissecting scissors, Wavecut	102, 103
NELSON-METZENBAUM (MC INDOE), DUROTIP dissecting scissors	98
Nerve approximators	212
Nerve dissecting scissors	63, 79
Nerve hooks	356-359
Nerve root retractors	376
NIEDERDELLMANN, osteotomes	1005
NISSEN, dissecting and ligature forceps	245, 256
gall duct- and cystic forceps	591
hemostatic forceps	225
NOIR dissecting scissors	105
NOIR dissecting scissors, Wavecut	106, 107
NORFOLK and NORWICH, self-retaining laminectomy retractors	468
NORTHBENT, ligature scissors	128
NORTHFIELD, bone rongeurs	1031
NOTO, organ- and tissue grasping forceps	193
polypus and ovum forceps	686
sponge holding and dressing forceps	193
NOVAK-SCHOECKAERT, endometrial biopsy curettes	698
NOYES, micro scissors	48
NUSSBAUM, intestinal clamps	553
NÄGELE, obstetrical forceps	726

O

O'SHAUGNESSY, dissecting and ligature forceps	249, 252
O'SULLIVAN-O'CONNOR, abdominal retractors	489
Obstetric levers	730
Obstetrical forceps	726-729
OBWEGESER, awls	1056
osteotomes	1005
retractors	401, 402
OCHSNER, ATRAUMATA aorta clamps	817
gall duct probes	599
ligature forceps	158
OFFICER, tissue forceps	176

	Page
Offset scissors	111
Oil, instruments	1112
OLDBERG, rongeurs	908
OLIVECRONA, bone rongeurs	1030
trigeminal knives	31
wire saws	924
OLLIER, retractors	394
OMBREDANNE, mallets	996
Organ grasping forceps	190, 192, 193, 197-199, 540, 543
Organ grasping forceps, ATRAUMATA	191, 544, 545, 835-837
ORMROD-SCHMITT, ligature disc	1065
Osteophyte chisels	962
Osteotomes	998, 999, 1001-1005, 1007, 1008, 1010
Osteotomes, fishtail	1001
OVERHOLT, dissecting and ligature forceps	247
OVERHOLT-GEISSENDOERFER, dissecting and ligature forceps	246
OVERHOLT-MIXTER, dissecting and ligature forceps	246
Ovum curettes	713
Ovum forceps	685-688, 732-735
Ovum forceps, ATRAUMATA	687
Ovum scoops	712
O´CONNELL, dissectors	929
O'SULLIVAN-O'CONNER, abdominal retractors	489

P

Pankreas clamps, ATRAUMATA	796
Parametrium clamps	270, 271, 692, 693
Parametrium clamps, ATRAUMATA	268, 269
Parametrium scissors	120, 121, 692, 693
PARKER, retractors	379, 380
PARKER-KERR, anastomosis forceps	560
PARRY-COOLEY, ATRAUMATA anastomosis clamps	830
PARSONNET, epicardial retractors	457
PARTSCH, chisels	1000
gouges	1000
raspatories	960
PARTSCH MOD. LANGE, raspatories	960
PASSOW, tampers	997
Patella forceps	1016
Patent ductus clamps, ATRAUMATA	805, 806, 826, 827
PAUL, tendon hooks	373
PAYR, guiding probes	337
intestinal and pylorus clamps	558
PEAN, ATRAUMATA hemostatic forceps	795
hemostatic forceps	231, 232, 234, 239
kidney clamps	609
tubing clamps	17
PEDERSON, vaginal specula	640
Pediatric clamps, ATRAUMATA	821
PELKMANN, foreign body forceps	200
gall stone forceps	604
uterine dressing forceps	672
Pelvimeters	720
Pelvis retractors	440, 441, 578
PENFIELD, dissectors	928, 929
Penis clamps	625
PENNINGTON, hemostatic forceps	241
intestinal grasping forceps	542
PENNYBACKER, bone rongeurs	1031
dissectors	929
raspatories	972
rongeurs	903
PERCY, amputation retractors	920
Perforators	1053
Perineal retractors	577
Periosteum knives	29, 918
Peripheral vascular clamps, ATRAUMATA	805-807
Peritoneum forceps	257-260
PERKINS, self-retaining retractors	463
PERTHES, reamers	1055
PERWITZSCHKY, salival scissors	68
Phalangeal knives	29, 918
PHANEUF, hysterectomy forceps	260
Phleb extractors	889
Phlebo dissectors	889
PICCOLO, cotton applicator	348
Pick-up forceps	19
Picks, tissue	363
Pins	1063
Pins, safty	207
PIPER, obstetrical forceps	727
PITHA, foreign body forceps	200, 626
Placenta curettes	713
Placenta forceps	732-735
Placenta scoops	712
Plaster breakers	1087
Plaster knives	1082
Plaster saws	1082
Plaster scissors	134, 135, 1083, 1084
Plaster shears	1085, 1086
Plaster spreaders	1087
Plastic scissors	77
Plate electrodes	510
PLESTER, self-retaining retractors	462
suction cannula	1095
Pliers, flat-nosed	1069, 1070
wire bending	1069, 1071
wire cutting	1072-1078
wire extraction	1070, 1071
POIRIER, tissue grasping forceps	196
Polypus forceps	685-688
Polypus forceps, ATRAUMATA	687
POOL, suction cannula	1093

Alphabetischer Index – Alphabetical Index
P - R

	Page
Poplitea retractors	497
Pot, ink	25
POTTS, dissecting scissors	80
POTTS-DE MARTEL, cardiovascular scissors	111
gall duct scissors	597
vascular scissors	110
POTTS-DIETHRICH, vascular scissors	108, 109, 751
POTTS-SMITH, cardiovascular scissors	111
vascular scissors	114
POZZI, uterine tenaculum forceps	676
uterine tenaculum forcpes	674
PRATT, organ- and tissue grasping forceps	198
rectal specula	571
uterine tenaculum forceps	680
Pressure clamps	273, 584, 612
Pressure clamps, ATRAUMATA	272, 560, 612
PRICE THOMAS, bronchus forceps	845
Probes	344-347, 579
Probes, double ended	346
fistula	343, 579
gall duct	598, 599
guiding	336-338
myrtle leaf	344
rectal	342, 343, 579
sinus	345
tendon passing	1048
uterine	670, 671
Proctoscopes	573, 575
Profunda clamps, ATRAUMATA	798
Prostate retractor	452, 620
PROVIDENCE-HOSPITAL, hemostatic forceps	221
Pudendus block needles	721
Punches, aorta	852
bone	892-898
dermal	33
Puncture needles, sternal	855
PUTTI, bone files	980
Pylorus clamps	558
Pylorus spreaders	557

Q

QUERVAIN elevators	931
QUINBY, delicate scissors	67

R

R.N.O.H., bone biopsy trephine	1057
Racks, sterilizing	33, 919
RAGNELL, delicate dissecting scissors	63
retractors	379
RAMPLEY, sponge holding and dressing forceps	190
RAMSEY, dissecting forceps	158
tissue forceps	177
RANDALL, endometrial biopsy curettes	698
kidney stone forceps	614-616
RANKIN, hemostatic forceps	224
Raspatories	960-977
Raspatories, rib	861-863
suction	1103
Rasps, bone	978-980
Razors	9
Reamers	1055, 1056
RECAMIER, placenta- and ovum curettes	713
uterine curettes	708
Rectal anastomosis forceps, ATRAUMATA	566
Rectal probes	342, 343, 579
Rectal retractors	573
Rectal scissors	125-127, 565, 567
Rectal specula	570, 571, 573
Rectal specula, cold light	574
Rectal spreaders	576
Rectractor blades, VARIO	420
Rectum biopsy forceps	581, 582
REDON, guide needles	353
REILL, micro needle holders	284, 772
reposition forceps	1015
tendon strippers	1046
wire cutting pliers	1076
REIN/KUPKA, DUROGRIP needle holders	321, 775
REMINGTON-HOBB, monopolar diathermy forceps	518
Removing Hooks, I.U.D.	697
Reposition forceps	1014-1016
Reposition tampers	1015
RESANO, ATRAUMATA sigmoid anastomosis forceps	564
cartilage scissors	89
Resection knives	29, 918
Resection needles, sub-mucosal	515
Retracor spine, self-retaining	476
Retracors, mercedes	874
Retractors	366, 370-411, 413-419, 422, 423, 425, 427-434, 437-439, 443-446, 457, 569, 946, 1025
Retractors, abdominal	437-439, 442-448, 482, 483, 485-495
abdominal, fixation device	448
abdominal, mounting frame	449
amputation	920
aorta valve	884
atrium	882, 883
bladder	496, 617
bone	387, 388
CARBOTRAC	412
cheek	378, 405-407
dura	360, 363
femur	473

	Page
Retractors, fine	360-363
hemi-laminectomy	469
hip	947-959
knee	399, 400, 1045
laminectomy, self-retaining	468, 470, 471, 476, 478
lid	458
mammaria	876
MIOS	947-959
nerve root	376
pelvis	440, 441, 578
poplitea	497
prostate	452, 620
scapula	426, 880
self-retaining	456-467, 472, 473, 768
self-retaining, iliaca	475
self-retaining, laminectomy	468-471, 476-478
skin	363, 473
spine, self-retaining	478-480
sternum	872, 873, 876
thoracic	864, 865, 874
thyroid	472
tracheal	364-366
treangle handle	367-369
urethral	452, 620
vaginal	472, 473, 659
vein	373-376
REVERDIN, abdominal and intestinal spatula	450
needles	328
suture instruments - reverdin needles	327
REYNOLDS, dissecting scissors	80
REYNOLDS-JAMESON, vascular scissors	63
Rhinoscopic mirrors	5
Rib contractors	877
Rib holding forceps	859
Rib raspatories	861-863
Rib rongeurs	860
Rib shears	857, 858
Rib spreaders	865-871, 877
RIBBON, spatulas, malleable	450
RICARD, abdominal retractors	483
RICHARDSON, retractors	413, 414
RICHARDSON-EASTMAN, retractors	413
RICHES, monopolar forceps	520
Rings, ligature rubber	585
RNTNE HOSPITAL, self-retaining retractors	463
ROBERTS, hemostatic forceps	238
raspatories	966
ROBIN, towel clamps	204
ROCHARD, abdominal retractors	448
fixation device for abdominal retractors	448
mounting frame for abdominal retractors	449
ROCHESTER-CARMALT, hemostatic forceps	237
ROCHESTER-OCHSNER, hemostatic forceps	235
ROCHESTER-PEAN, hemostatic forceps	233
ROEDER, towel clamps	203
ROLLET, skin hooks	360
Rongeurs	899-912
Rongeurs, bone	1026-1037
rib	860
synovectomy	1026
ROSE, retractors	379
ROSER-KÖNIG, mouth gags	15
ROTUNDA, uterine irrigation catheters	717
Round bowls	1108
ROUX, retractors	381-383
ROWBOTHAM, suction cannula	1101
RUDD, hemorrhoidal ligators	585
Rulers	7
Rulers, x-ray	7
RUMEL, dissecting and ligature forceps	251
RUMEL-BELMONT, tourniquets	851
RUSKIN, bone rongeurs	1032
RUSKIN-LISTON, bone cutting forceps	1040
RUSS. MODELL, tissue forceps	179
RUST, amputation saws	921
RYDEL-SEIFFER, tuning fork	6
RYDER, DIADUST needle holders	298, 767
DUROGRIP needle holders	319, 320, 778, 779
RÖTTGEN-RUSKIN, bone rongeurs	1032

S

Saddle hooks	369
SAENGER, placenta and ovum forceps	733
Safty pins	207
Salival scissors	68
Salpingograph	715
SAROT, DUROGRIP needle holders	309
hemostatic forceps	229
intrathoracic artery forceps	238
SATINSKY, anastomosis clamps	843
ATRAUMATA pediatric clamp	821
vascular scissors	115
SATTERLEE, amputation saws	923
SAUER, lid retractors	458
SAUERBRUCH, pick up forceps	19
retractors	404, 425
rib shears	857
SAUERBRUCH-CORYLLOS, bone rongeurs	860, 1037
SAUNDERS, I.U.D. removing hooks	697
Saw blades	921, 922
Saws, amputation	922, 923
finger ring	1079
plaster	1082
wire	924
Scalp flap forceps	731
Scalpel blades	42, 43

Alphabetischer Index – Alphabetical Index
S

	Page
Scalpel blades, microsurgical	45
Scalpel handles	38-41, 618
Scalpel handles, micro	44, 45
Scalpels	26, 27
Scalpels, disposable	22-24
micro	24
Scapula retractors	426, 880
SCHAEDEL, towel clamps	201
SCHEDE, bone curettes	984
SCHERBACK, vaginal specula	657
SCHINK, skin grafting knives	34
SCHMELZ, gestation calculators	720
SCHMID, mouth gags	14
vascular spatula	850
vessel irrigation cannula	846
SCHMIEDEN, guiding probes	337
SCHMIEDEN-TAYLOR, dura scissors	112
SCHNEIDER-SAUERBRUCH, raspatories	973
SCHNIDT, hemostatic forceps	240
tonsil forceps	240
SCHOEMAKER, colectomy clamps	554
SCHOENBORN, wound and vein retractors	375
SCHRÖDER, organ- and tissue grasping forceps	197, 199
uterine scoops	707
uterine tenaculum forceps	676, 678, 679
SCHUBERT, biopsy forceps	699
SCHUHKNECHT, suction cannula	1097
SCHULZE, salpingograph	715
SCHUMACHER MOD. WAGNER, bone levers	943
SCHUMACHER, biopsy forceps	701
biopsy tips	705
bone levers	944
sternum shears	855
umbilical cord scissors	123, 723
SCHWEDISCHES MODELL, dissecting forceps	157
Scissors, abdominal	122
anatomy	68
arteriotomy	80
bandage	131-133, 1082
bipolar dissecting	530
bowel	125
bulldog	76
cardiovascular	108-111, 114
cartilage	81, 89
cloth	132-135, 1082
coronary	57-59
delicate	61, 63-70, 92
dissecting	77, 79, 80, 82-89, 618
dissecting, delicate	62, 63, 76, 78, 80, 81
dissecting, DUROTIP	94-99, 101-103
dissecting, micro	53
dissecting, NOIR	105-107
dura	112

	Page
Scissors, DUROTIP	92-100, 597
DUROTIP ligature	104
DUROTIP Wavecut	101-103
enucleation	77
episiotomy	124, 724
eye	49
gall bladder	596
gall duct	597
gynecology	117-121
hysterectomy	120
hysterectomy, DUROTIP	100
incision	75
ligature	60, 92, 128
ligature, DUROTIP	101
lower lateral	77
micro	48-53, 55, 57-60, 747, 749, 768
monopolar	515
nail	11, 12, 130
nail splitting	75, 1079
nerve dissecting	63, 79
NOIR	105-107
offset	111
parametrium	120, 121, 692, 693
plaster	134, 135, 1083, 1084
plastic	77
rectal	125-127, 565, 567
salival	68
strabismus	76
SuperCut	90, 91
surgical	71-75, 82
surgical, DUROTIP	93, 101
surgical, heavy patterns	122
tendon	78
umbilical cord	123, 723
uterine	99, 103, 117-120
vascular	63, 78, 108-115, 751
vascular, DUROTIP	100
vein	51
Wavecut	102
Wavecut, DUROTIP	101
Wavecut, NOIR	106, 107
wire cutting	129, 1073
wire cutting, DUROTIP	100, 102, 1072
Scoops, blood	453
gall stone	602
ovum	712
placenta	712
secretion	626
uterine	707
uterine secretion	697
SCOVILLE-HAVERFIELD, self-retaining laminectomy retractors	476
SCOVILLE-RICHTER, laminectomy retractors	477
Screws, myoma	690

	Page
SCUDDER, ATRAUMATA stomach clamps	557
SEBILEAU, elevators	931
Secretion scoops	626, 697
SEDILLOT, raspatories	971, 973
SEGOND, hysterectomy forceps	265
SEGOND-LANDAU, hysterectomy forceps	264
SEIDEL, vaginal specula	641
SEIDL, biopsy forceps	702
SEIFFERT, probes	347
SELDIN, raspatories	966
Self-retaining retractors	456-467, 469, 472, 768
Self-retaining retractors, laminectomy	468, 470, 471, 476-478
spine	478-480
SELLHEIM, obstetric levers	730
SELLORS, rib spreaders and contractor	877
SELMAN, tissue forceps	179
SEMB, bone holding forceps	1018
bone rongeurs	860, 1036
dissecting and ligature forceps	840
raspatories	975
rib holding forceps	859
rib raspatories	862
SEMKEN, delicate dissecting forceps	154
delicate tissue forceps	171
SEMM, abdominal retractors	491
vaginal specula	639
SENN-MILLER, retractors	377
Sequestrum forceps	1017
SEUTIN, plaster scissors	134, 1084
SEWALL, elevators	963
SEYFFERT, vaginal specula	639
Shears, bone	116
plaster	1085, 1086
rib	857, 858
sternum	855, 856
SIEBOLD, uterine scissors	119
Sigmoid anastomosis forceps	561-563
Sigmoid anastomosis forceps, ATRAUMATA	564
Sigmoidoscopes	575
SILVER, skin grafting knives	35
SIMON, bone curettes	988
fistula hooks	372
fistula knives	30
retractors	417
uterine scoops	707
vaginal specula	655
SIMPSON, obstetrical forceps	728
uterine probes	671
SIMPSON-BRAUN, obstetrical forceps	727
SIMS, DUROTIP uterine scissors, Wavecut	103
gynecology scissors	117, 118
rectal specula	570, 571
uterine curettes	709
uterine probes	670

	Page
SIMS, uterine scissors	99
vaginal specula	640
SIMS-MAIER, sponge- and dressing forceps	188
SIMS-SIEBOLD, uterine scissors	120
Single use electrode handle	508
Single use scalpels	22-24
Sinus forceps	184
Sinus probes	345
Skin grafting knives	34, 35
Skin hooks	360-363
Skin retractors	473
SMILLIE, knee retractors	399, 1045
meniscus knives	1044
SMITH, bandage scissors	131
SMITH-BUIE, rectal retractors	573
SMITH-PETERSEN, osteotome	1004
SOMER, uterine elevating forceps	689
SPACKMAN, uterine cannula	716
Spatula	348, 369
Spatula, abdominal	435, 436, 450, 451
bladder	496, 617
intestinal	435, 436, 450, 451
lung	422-426, 878, 879, 881
malleable	450
tongue	4, 348
vascular	850
Spatulas, vascular	849
Specula, rectal	570, 571, 573
rectal, cold light	574
vaginal	636-658
SPENCER, ligature scissors	128
SPENCER-WELLS, hemostatic forceps	232
Spermatic cord fixation clamps	625
Spermatic cord hooks	625
Sphincteroscopes	572
Spine retractors, self-retaining	476, 478-480
Splinter forceps	181
Sponge forceps	10, 184-190, 192, 193
Spongiosa gouges	1008-1010
Spoons, ureter	691
Spreaders, bladder neck	622
lamina	481
perineal	577
plaster	1087
pylorus	557
rectal	573, 576
rib	865-871, 877
SPURLING, rongeurs	902, 906
ST. BARTS, ear hooks	356
rongeurs	900, 901
ST. MARKS, pelvis retractors	440, 441, 578
ST. MARKS MODIF. GIRONA, perineal retractors	577
ST. MARTIN, delicate tissue forceps	168
STACKE, probes	347

Alphabetischer Index – Alphabetical Index
S - T

	Page
STAMM, bone cutting forceps	1038
STANDARD, DUROGRIP dissecting forceps	164
STEINMANN, pins	1063
STELLBRINK, synovectomy-rongeurs	1026
STELZNER, rectal scissors	126, 565
Sterile scalpels	22-24
STERILIT, instruments oil	1112
Sterilizing forceps	1109
Sterilizing racks	33, 919
Sternal puncture needles	634, 855
STERNBERG, retractors	378
Sternum chisels	856
Sternum retractors	872, 873, 876
Sternum shears	855, 856
STEVENS, delicate dissecting scissors	62, 78
vascular- and tendon scissors	78
STIEGLITZ, splinter forceps	181
STILLE, bone rongeurs	1034
chisels	1003
dissecting scissors	85
gouges	1003
kidney clamps	610
osteotomes	1003
plaster shears	1086
STILLE-AESCULAP, plaster shears	1085
STILLE-BARRAYA, tissue grasping forceps	543
vascular- and tumor forceps	179
STILLE-RUSKIN, bone rongeurs	1034
Stitch-cutters	43
STOCKMANN, penis clamps	625
Stomach clamps, ATRAUMATA	557
Strainer for tissue	714, 1090
STRANDELL-STILLE, tendon hooks	373
STRASSBURGER MODELL, tissue forceps	178
STRATTE, DUROGRIP needle holders	315
STRAUSS, penis clamps	625
Stripper, vein	887, 888
Strippers, endarterectomy	851
tendon	1046, 1047
STRUCK, rib spreader	865
STRULLY, vascular scissors	112, 113
SUBRAMANIAN (MODIF.), ATRAUMATA aorta clamps	816
Suction adapter	1099
Suction cannula	885, 886, 1091-1102, 1104, 1105
Suction dissectors	1103
Suction dissectors, tonsil	1103
Suction heads, vacuum extraction	725
Suction hose	714, 1090
Suction raspatories	1103
Suction tubes, dissecting	1103
SuperCut scissors	90, 91
Surgical needles	276-278
Surgical scissors	71-75, 82
Surgical scissors DUROTIP	93, 101
Surgical scissors, heavy pattern	122
Suture clips	352
Suture forceps, DUROGRIP	163, 178
Suture holding frame	621
Suture tying forceps	139, 143
Suture tying forceps, micro	139, 140
Swab holders	582
SWEDISH, dissectors	929
SYME, ligature needles	334
raspatories	966
Synovectomy rongeurs	1026
SYPERT, bone rongeurs	1035
punches	895
rongeurs	912
Syringes, hemorrhoidal	587
SYSTRUNK, nail splitting scissors	75, 1079

T

TAKAHASHI, rongeurs	901
Tampers	997
Tampers, reposition	1015
Tangential occlusion clamps, ATRAUMATA	801, 802
TARNIER, ostetrical forceps	729
TAYLOR, retractors	946
TEALE, uterine tenaculum forceps	681, 682
Tendon double hooks	369
Tendon hooks	373
Tendon interlacing forceps	194
Tendon passing probes	1048
Tendon scissors	78
Tendon seizing forceps	194, 195
Tendon strippers	1046, 1047
Tenotomes	27
THOMS-GAYLOR, biopsy forceps	699
Thoracic retractors	864, 865, 874
THOREK, vascular scissors	114
THORPE, corneal forceps	151
Thyroid retractors	472
Tier, knot	339
Tighteners, wire	1065
Tips, biopsy	705
TISCHLER, biopsy forceps	706
Tissue forceps	170, 173-179
Tissue forceps, delicate	168, 169, 171, 172
Tissue grasping forceps	190, 192, 193, 196-199, 538-540, 543
Tissue grasping forceps, ATRAUMATA	191, 544, 545, 835-837
Tissue pick	363
Tissue strainer	1090
Titanium ligature clip	738, 740, 742, 744
Tongue forceps	16
Tongue spatula	4, 348

	Page
Tonsil forceps	240
Tonsil knives	31
Tonsil suction dissectors	1103
Tourniquet	851
Towel clamps	201-206
Tracheal dilators	474
Tracheal hooks	364
Tracheal retractors	364-366
Traction bows	1060-1062
Transformer	3
TRAVERS, self-retaining retractors	467
Trays, kidney	1108
TRELAT, raspatories	961
vaginal specula	638
Trephines, bone biopsy	1057
TREVES, tissue forceps	177
Trigeminal knives	31
Trocars	634
Trocars, universal	634
TROELTSCH, dissecting forceps, angular	167
TROTTER, bone rongeurs	1030
TROUSSEAU, tracheal dilators	474
Tubing clamps	17, 18
TUDOR-EDWARDS, abdominal retractors	443
TUFFIER, abdominal and intestinal spatula	450
abdominal retractors	443
artery grasping forceps	196
intestinal and tissue grasping forceps	196, 538
rib spreaders	866, 867
Tumor forceps	179
Tumor grasping forceps	909
Tuning forks	6
Tunnelling instruments	853
TURNER, monopolar diathermy forceps	517
TURNER-WARWICK, abdominal retractors	492, 493
urethral sound	629
TUTTLE, lung grasping forceps	180, 838
Twin clamps	556
Twist drills	1054
Twisters, wire, DUROGRIP	312, 1067, 1068
TÜBINGER MODELL, gall stone forceps	605
retractors	417
vaginal specula	655
TÄGER, bone levers	944
TÖNNIS, dissecting scissors	81
dura retractors	360
DUROGRIP, needle holders	322
grooved director	929
needle holders	305
vascular spatula	850
TÖNNIS MODIF. , DUROGRIP, needle holders	322
TÖNNIS-ADSON, dissecting scissors	80
DUROTIP dissecting scissors	96
DUROTIP dissecting scissors, Wavecut	102

U

	Page
UCHIDA MODIF. BURKE, ureter spoons	691
UFFENORDE, bone curettes	983
ULRICH, fistula knives	30
ULRICH-AESCULAP, sponge- and dressing forceps	186
Ultra-light forceps, ATRAUMATA	159, 546, 781
Umbilical cord clamps	724
Umbilical cord scissors	123, 723
Umbilical dilators	724
Universal trocars	634
Ureter forceps, ATRAUMATA	624
Ureter spoon	691
Urethral bougies and dilating sounds	629, 630
Urethral retractor	452, 620
Urethral tunnel clamps	254, 691
Urinary catheters	627
US-ARMY, retractors	386
Uterine cannulas	716, 717
Uterine curettes	708-711
Uterine depressors	671
Uterine dilators	662-666
Uterine dressing forceps	672, 673, 675
Uterine elevating forceps	688, 689
Uterine irrigation catheters	717
Uterine probes	670, 671
Uterine scissors	99, 103, 117-120
Uterine scissors, DUROTIP	103
Uterine scoops	707
Uterine secretion scoops	697
Uterine tenaculum forceps	674, 676-678, 681-684

V

	Page
Vacuum curettes	714, 1090
Vacuum extraction, suction heads	725
Vaginal clamps, ATRAUMATA	267
Vaginal retractors	472, 473, 659
Vaginal specula	636-658
VALLEIX, uterine probes	671
VANNAS, micro scissors	48, 50, 52
VARADY, mini vein strippers sets	888
phleb extractors	889
VARIO, retractor system	420, 421
Vascular clamps, ATRAUMATA	790-801, 803-834
Vascular clips, ATRAUMATA	214, 215, 784, 785
Vascular dilators	847, 848
Vascular forceps	179
Vascular prosthesis draw-in forceps	854
Vascular scissors	63, 78, 108-115, 751
Vascular scissors, DUROTIP	100
Vascular spatulas	849, 850
Vein hooks	357
Vein retractors	373-376

Alphabetischer Index – Alphabetical Index
V - W

	Page
Vein scissors	51
Vein strippers	887, 888
Vena cava clamps, ATRAUMATA	800
Venous plexus clamp	619
VERBRUGGE, bone holding forceps	1023
VERBRUGGE-MÜLLER, bone levers	938
VERHOEVEN, suction cannula	1099
Vessel clips	210, 213
Vessel hooks	356-359
Vessel irrigation cannula	846
VISE, micro suture tying forceps	139
VOLKMANN, bone curettes	981, 984
bone retractors	387, 388
retractors	387-389

W

WAGENER, nerve and vessel hooks	356
WAGNER, bending iron	1059
bone levers	936
gouges	1011
mallets	994
raspatories	977
rongeurs	911
WALLICH, placenta- and ovum scoops	712
WALTER, gouges	1003
WALTON, biopsy forceps for rectum	581
WANGENSTEEN, DUROGRIP dissecting forceps	163, 543
DUROGRIP needle holders	316
needle holders	303
WARD, raspatories	961
WATSON, skin grafting knives	35
WATSON-CHEYNE, raspatories	964
WATSON-JONES, bone levers	934
WAUGH, delicate tissue forceps	172
monopolar diathermy forceps	517
Wavecut scissors	102, 103
Wavecut scissors DUROTIP	101
WEBER, ATRAUMATA aorta anastomosis clamps	818
WEBSTER, DUROGRIP needle holders	308
needle holders	299
WECKER, eye scissors	49
WEIL-BLAKESLEY, rongeurs	899
WEISSBARTH, vaginal specula	654
WEITLANER, self-retaining retractors	459-461, 466
WELLER, dissecting scissors	89
meniscus and cartilage forceps	1043
WERTHEIM, ATRAUMATA anastomosis clamps	808
ATRAUMATA compression forceps	272
ATRAUMATA kidney pedicle clamps	612
ATRAUMATA parametrium clamps	268, 269
DUROGRIP needle holders	315
DUROTIP dissecting scissors	99
WERTHEIM, gynecology scissors	118
hysterectomy forceps	263, 264, 270
kidney pedicle clamps	611
WERTHEIM-CULLEN, compression forceps	273
kidney pedicle clamps	612
WIENER MODELL, hysterectomy forceps	262
WIKSTROEM, dissecting and ligature forceps	250, 840
WILDE, dissecting forceps, angular	167
WILLETT, scalp flap forceps	731
WILLIAMS, lung grasping forceps	838
organ- and tissue grasping forceps	543
WILLIGER, bone curettes	981, 984
elevators	930
raspatories	961
WILSON, organ- and tissue grasping forceps	199
tonsil forceps	240
uterine tenaculum forceps	676
WILSON-HEY, monopolar forceps	520
WINKELMANN, circumcision clamps	631
WINTER, placenta- and ovum forceps	732
Wire bending pliers	1069, 1071
Wire brush	523
Wire cutters	1072-1074, 1076, 1077
Wire cutting forceps	1068
Wire cutting pliers	1072-1078
Wire cutting pliers, front cutting action	1077
lateral cutting action	1075, 1076
Wire cutting scissors	129, 1072, 1073
Wire cutting scissors, DUROTIP	100, 1072
Wire extraction pliers	1070
Wire guides	1066
Wire holding forceps	1070, 1071
Wire holding forceps, DUROGRIP	1067
Wire loop electrodes	511, 512
Wire saws	924
Wire scissors	129
Wire tighteners	1065
Wire twisters	1069
Wire twisters, DUROGRIP	312, 1067, 1068
Wire twisting forceps	1065, 1073
Wires, boring	1058, 1059
cerclage	1065
WITT, sternal puncture needles	855
WOLFF, plaster breakers	1087
Wound hooks	364
Wound retractors	373
WRIGLEY, obstetrical forceps	728
WULLSTEIN, self-retaining retractors	460
suction cannula	1098-1100
WÖRRLEIN, reposition tampers	1015

Page

Y

YANKAUER, suction cannula 885, 1093, 1094
YASARGIL, micro scissors 52
rongeurs 908
suction and irrigation cannula 1104
YEOMAN, biopsy forceps for rectum 580
YOUNG, tongue forceps 16
YOUNG-HRYNTSCHAK, boomerang needle holders 326, 623

Z

ZAUFAL-JANSEN, bone rongeurs 1032
ZENKER, dissecting and ligature forceps 254
retractors 427
ZIEGLER, head bands 2
head mirrors 2
ZIELKE, gouges for scoliosis operations 1008
ZOELLNER, suction cannula 1098, 1099
ZWEIFEL, DUROGRIP needle holders 323

Page

Numerischer Index – Numerical Index
55 - BC

Art. Nr. / Cat. No.	Seite / Page
5518016	23
5518032	22
5518040	22
5518059	22
5518067	23
5518075	23
5518083	23
5518091	23
5518105	22
16600487	43
16600495	42
16600509	42
16600517	42
16600525	42
16600541	43
16600550	43
16600568	43
16600576	43
16600584	43
16600592	43
16615492	42
16615514	43
16615522	43
16616634	43
AA804R	7
AA805R	7
AA806R	7
AA808R	7
AA809	7
AA821C	7
AA822C	7
AA826	7
AA845R	8
AA846R	8
AA847R	8
AC402	2
AC413	2
AC414	2
AC415	2
AC416	2
AC421	2
AC440	3
AC461	3
AC462	3
AC463	3
AC464	3
AC468R	5
AC469R	5
AC470R	5
AC471R	5
AC472R	5
AC473R	5
AC474R	5
AC475R	5
AC476R	5
AC477R	5
AC478R	5
AC479R	5
AC480R	5
AC481R	5
AC483C	5
AC497R	5
AC498R	5
AD099R	25
AD110R	8
AD123R	8
AD125R	8
AD127R	8
AD129R	8
AN379R	15
AN380R	15
AN381R	15
AN705R	16
AN706	16
AN709R	16, 192, 241
AN710R	16, 192, 583, 595, 685
AN711R	16, 192, 583, 596
AN908R	17
AN909R	17
AN910R	17
AN911R	18
AN912R	18
AN913R	18
BA210	22
BA211	22
BA212	22
BA215	22
BA218	22
BA219	23
BA220	23
BA221	23
BA222	23
BA223	23
BA224	23
BA244R	9
BA245R	9
BA311SU	24
BA323SU	24
BA364	24
BA365	24
BA367	24
BA401R	26
BA402R	26
BA403R	26
BA407R	26
BA408R	26
BA409R	26
BA451R	26
BA501R	27
BA503R	27
BA504R	27
BA506R	27
BA507R	27
BA508R	27
BA509R	27
BA514R	27
BA546R	27
BA563R	27
BA604R	30
BA605R	30
BA606R	30
BA611R	30
BA641R	31
BA646R	31
BA704R	25
BA705	25
BA706R	34
BA708R	34
BA709R	34
BA710R	34
BA711R	34
BA712R	35
BA713R	35
BA714R	35
BA715R	35
BA716R	35
BA717R	35
BA718R	35
BA719R	35
BB046R	44
BB048R	44
BB052R	44
BB053R	45
BB054R	44
BB057R	45
BB060R	44
BB068R	38
BB070R	40
BB071R	40
BB073R	38, 40
BB074R	38
BB075R	38
BB077R	39
BB078R	40
BB079R	40, 696
BB080R	41
BB084R	41
BB085R	41
BB087R	41
BB088R	41
BB089R	41
BB175R	39
BB176R	39, 618
BB177R	39, 618
BB178R	39, 618
BB361R	45
BB362R	45
BB363R	45
BB364R	45
BB365R	45
BB366R	45
BB367R	45
BB368R	45
BB369R	45
BB500	43
BB510	42
BB511	42
BB512	42
BB513	42
BB515	42
BB515-1	42
BB515-C	42
BB518	43
BB519	43
BB520	43
BB521	43
BB522	43
BB523	43
BB524	43
BB525	43
BB536	43
BB540	42, 696
BB542	42
BC004R	61
BC005R	61
BC006R	61
BC007R	61
BC008R	62
BC009R	62
BC010R	62
BC011R	62
BC015R	63
BC017R	63
BC020R	62
BC021R	62
BC022R	62
BC023R	62
BC026R	63

Art. Nr. Cat. No.	Seite Page
BC027R	63
BC029R	63
BC030R	68
BC033R	68
BC034R	68
BC050R	67
BC056R	12, 64
BC057R	12, 64
BC060R	64
BC061R	64
BC064R	64
BC065R	64
BC100R	64
BC101R	64
BC106R	65
BC107R	65
BC110R	65
BC111R	65
BC112R	65
BC113R	65
BC117R	65
BC130R	66
BC131R	66
BC135R	66
BC140R	66
BC141R	66
BC144R	66
BC145R	66
BC153R	67
BC154R	69
BC156R	70
BC157R	70
BC160R	70
BC161R	70
BC162R	76
BC163R	76
BC164R	76
BC165R	76
BC166R	79
BC168R	79
BC170R	78
BC171R	78
BC172R	78
BC173R	78
BC175R	79
BC177R	79
BC178R	80
BC180R	80
BC181R	80
BC184R	81
BC186R	78
BC187R	78
BC188R	81
BC189R	81
BC194R	78
BC195R	78
BC210R	92
BC211R	92
BC211W	101
BC224R	93
BC228R	93
BC231R	93
BC231W	101
BC234R	93
BC242R	94
BC243R	94
BC245R	100, 597
BC250R	94
BC251R	94
BC252R	94
BC253R	94
BC253W	101
BC256R	95
BC257B	105
BC257R	95
BC257W	102
BC257WB	106
BC258R	96
BC259B	105
BC259R	96
BC259W	102
BC259WB	106
BC260R	98
BC261B	105
BC261R	98
BC261W	103
BC261WB	107
BC262R	98
BC263B	105
BC263R	98
BC263W	103
BC263WB	107
BC265B	105
BC265R	98
BC265W	103
BC265WB	107
BC266R	98
BC267R	98
BC267W	103
BC270R	97
BC271B	105
BC271R	97
BC271W	102
BC271WB	107
BC273R	96
BC273W	102
BC274R	97
BC275B	105
BC275R	97
BC275W	102
BC275WB	107
BC276R	97
BC277R	97
BC277W	102
BC279R	97
BC279W	102
BC281R	97
BC281W	102
BC282R	97
BC283B	105
BC283R	95
BC283W	101
BC283WB	107
BC284B	105
BC284R	95
BC284W	101
BC284WB	107
BC285R	97
BC287R	98
BC287W	103
BC289R	98
BC290R	99
BC290W	103
BC291R	99
BC291W	103
BC292R	99
BC293R	99
BC294W	104
BC295W	104
BC296W	104
BC297W	104
BC298W	104
BC299R	99
BC303R	72
BC304R	72
BC313R	73
BC314R	73
BC315R	73
BC316R	73
BC317R	73
BC320R	71
BC321R	71
BC323R	71
BC324R	71
BC325R	71
BC326R	71
BC327R	71
BC328R	71
BC330R	71
BC341R	74
BC343R	74
BC344R	74
BC345R	74
BC346R	74
BC374R	75
BC403R	72
BC404R	72
BC411R	73
BC413R	73
BC414R	73
BC415R	73
BC416R	73
BC417R	73
BC421R	71
BC423R	71
BC424R	71
BC425R	71
BC426R	71
BC427R	71
BC428R	71
BC441R	74
BC443R	74
BC444R	74
BC445R	74
BC464R	75
BC474R	75
BC496R	72
BC497R	72
BC503R	75
BC504R	75
BC506R	75
BC515R	108, 109, 751
BC516R	108, 109, 751
BC517R	108, 109, 751
BC518R	108, 109, 751
BC519R	108, 109, 751
BC521R	75, 1079
BC522R	108, 109, 751
BC523R	108, 109, 751
BC524R	108, 109, 751
BC525R	108, 109, 751
BC526R	108, 109, 751
BC531R	108, 109, 751
BC532R	108, 109, 751
BC533R	108, 109, 751
BC534R	108, 109, 751
BC535R	108, 109, 751
BC544R	82
BC545R	82
BC547R	82
BC551R	100
BC552R	100
BC554R	82
BC555R	82
BC557R	82
BC558R	94

Numerischer Index – Numerical Index
BC - BD

Art. Nr. / Cat. No.	Seite / Page
BC559R	94
BC560R	84
BC561R	84
BC562R	83
BC563R	83
BC564R	83
BC565R	83
BC566R	84
BC569R	84
BC570R	82
BC572R	82
BC573R	82
BC575R	82
BC576R	83
BC577R	83
BC578R	83
BC579R	83
BC580R	85
BC581R	85
BC584R	86
BC585R	86
BC587R	86
BC588R	86
BC589R	86
BC590R	85
BC591R	85
BC592R	85
BC595R	89
BC597R	114
BC600R	87
BC601R	87
BC602R	87
BC603R	87
BC604R	87
BC605R	87
BC606R	87
BC607R	87
BC608R	515
BC611R	88
BC612R	88
BC613R	88
BC614R	88
BC615R	88
BC616R	88
BC617R	126, 565
BC618R	88
BC619R	88
BC620R	89
BC621R	125, 565
BC622R	126, 565
BC623R	126, 565
BC624R	125
BC625R	88
BC627R	127, 567
BC628R	79
BC629R	80
BC630R	80
BC631R	80
BC633R	81
BC634R	81
BC635R	81
BC636R	114
BC640R	115
BC641R	115
BC642R	112, 596
BC643R	114
BC644R	112
BC645R	113
BC646R	111
BC647R	110
BC648R	110
BC649R	110
BC650R	111, 597
BC651R	111, 597
BC652R	111
BC653R	110
BC654R	110
BC656R	110
BC657R	110
BC658R	114
BC659R	114
BC660R	112
BC662R	110
BC663R	110
BC664R	110
BC669R	111
BC670R	111
BC672R	81
BC680R	87
BC683R	87
BC685R	530
BC686R	530
BC687R	530
BC688R	530
BC689R	530
BC690R	530
BC702R	118
BC703R	118
BC704R	118
BC708R	118
BC715R	113, 618
BC721R	117
BC723R	117
BC731R	118
BC741R	117
BC743R	117
BC746R	117
BC748R	117
BC760R	119
BC761R	119
BC762R	120
BC763R	120, 693
BC764R	121, 692
BC765R	120, 693
BC766R	121, 692
BC771R	122
BC772R	122
BC774R	122
BC776R	122
BC796R	123, 723
BC797R	123, 723
BC801R	128
BC802R	128
BC803R	128
BC805R	128
BC815R	129, 1073
BC835R	131
BC838R	131
BC846R	131
BC847R	131
BC848R	133
BC849R	133
BC860R	133
BC861R	133
BC862R	133
BC863R	133
BC876R	133
BC881R	132, 1082
BC885R	132, 1082
BC888R	134
BC890R	132
BC900R	90
BC901R	90
BC911R	90
BC915R	90
BC916R	90
BC917R	90
BC920R	90
BC921R	90
BC924R	91
BC925R	91
BC930R	91
BC931R	91
BC934R	91
BC935R-BC937R	91
BC970R	132, 1082
BC971R	132, 1082
BC973R	132, 1082
BC975R	132, 1082
BC977R	132, 1082
BC978R	132
BC979R	132
BC980R	132, 1082
BC981R	132, 1082
BC983R	132, 1082
BC985R	132, 1082
BC987R	132, 1082
BC988R	132
BC989R	132
BD023R	156
BD025R	156
BD027R	156
BD029R	156
BD030R	156
BD031R	156
BD032R	156
BD033R	156
BD035R	157
BD037R	157
BD043R	156
BD045R	156
BD047R	156
BD049R	156
BD050R	156
BD051R	156
BD052R	156
BD053R	156
BD065R	157
BD067R	157
BD068R	157
BD069R	157
BD077R	157
BD078R	158
BD081R	155
BD083R	158
BD130R	158
BD151R	162
BD154R	162
BD156R	162
BD157R	162
BD158R	162
BD159R	162
BD160R	164
BD164R	164
BD165R	164
BD166R	164
BD168R	164
BD171R	163, 543
BD173R	163, 543
BD180R	163
BD181R	163
BD185R	178
BD190R	149, 757
BD191R	149, 757
BD192R	149, 757

Art. Nr. / Cat. No.	Seite / Page
BD193R	149, 757
BD194R	149, 757
BD195R	149, 757
BD196R	149, 757
BD197R	149, 757
BD198R	164
BD210R	153
BD213R	154
BD215R	154
BD216R	154
BD217R	154
BD220R	151
BD222R	151
BD223R	152
BD224R	152
BD225R	151
BD226R	152
BD228R	154
BD229R	154
BD230R	154
BD231R	155
BD232R	155
BD236R	154
BD238R	155
BD239R	155
BD240R	155
BD243R	155
BD246R	155
BD247R	155
BD250R	155, 783
BD257R	155
BD260R	140
BD261R	140
BD264R	140
BD268R	154
BD269R	154
BD301R	153
BD302R	153
BD303R	153
BD304R	153
BD305R	153
BD311R	153
BD312R	153
BD313R	153
BD314R	153
BD315R	153
BD320R	153
BD321R	153
BD322R	153
BD329R	138
BD330R	138
BD331R	138
BD333R	138
BD335R	138
BD336R	139
BD337R	139
BD338R	139
BD340R	140
BD343R	138
BD345R	138
BD500R	171
BD501R	171
BD502R	171
BD505R	139
BD506R	169
BD507R	169
BD508R	169
BD509R	168
BD510R	168
BD511R	168
BD512R	168
BD513R	169
BD520R	169
BD521R	169
BD522R	169
BD523R	169
BD527R	174
BD533R	174
BD535R	174
BD537R	174
BD539R	174
BD540R	174
BD541R	174
BD542R	174
BD543R	174
BD547R	175
BD549R	175
BD552R	174
BD553R	174
BD555R	174
BD557R	174
BD559R	174
BD560R	174
BD561R	174
BD562R	174
BD563R	174
BD564R	174
BD575R	175
BD577R	175
BD579R	175
BD580R	175
BD581R	175
BD587R	176
BD589R	176
BD591R	176
BD597R	176
BD598R	176
BD600R	175
BD602R	176
BD603R	176
BD604R	176
BD606R	176
BD607R	176
BD608R	177
BD609R	177
BD610R	177
BD611R	177
BD651R	173
BD660R	172
BD661R	172
BD662R	172
BD663R	172
BD664R	172
BD665R	171
BD666R	171
BD667R	171
BD668R	171
BD669R	171
BD670R	172
BD671R	172
BD672R	172
BD678R	173
BD679R	172
BD690R	178
BD692R	178
BD693R	177
BD700R	170
BD701R	170
BD702R	170
BD704R	177
BD705R	178
BD725R	179, 543
BD726R	179, 543
BD727R	179, 543
BD735R	179
BD736R	179
BD750R	179
BD755R	179
BD760R	179
BD801R	180, 838
BD802R	180, 838
BD820R	180, 543
BD852R	519
BD853R	519
BD854R	519
BD855R	519
BD856R	519
BD857R	519
BD858R	519
BD859R	519
BD860R	519
BD870R	165
BD878R	165
BD879R	165
BD880R	165
BD883R	166
BD885R	166
BD886R	166
BD887R	166
BD888R	166
BD900R	167
BD902R	167
BD903R	167
BD904R	167
BD905R	167
BD910R	167
BD911R	167
BD952R	181
BD963R	181
BD964R	181
BD965R	181
BD980R	181
BD992R	181
BD993R	181
BD995R	181
BF003R	184
BF004R	184
BF006R	184
BF008R	184
BF010R	184
BF016R	184
BF021R	184
BF027R	185
BF032R	185
BF033R	185
BF040R	185
BF041R	185
BF046R	10, 185
BF047R	10, 185
BF056R	187
BF057R	187
BF058R	187
BF059R	187
BF060R	10, 186
BF061R	10, 186
BF062R	186
BF063R	186
BF065R	186
BF070R	188
BF071R	188
BF076R	188
BF077R	188
BF078R	188
BF091R	189
BF092R	189

Numerischer Index – Numerical Index
BF - BH

Art. Nr. / Cat. No.	Seite / Page
BF098R	189
BF112R	190
BF113R	190
BF116R	190
BF118R	190
BF120R	190
BF121R	190
BF122R	190, 594
BF123R	190, 594
BF135R	193, 685, 734
BF136R	193
BF299R	196
BF300R	196, 538
BF301R	196, 538
BF303R	194
BF306R	194
BF307R	194
BF309R	197, 678
BF310R	197, 678
BF311R	197, 678
BF315R	195
BF316R	195
BF320R	195
BF324R	195
BF325R	195
BF326R	195
BF401R	201
BF407R	201
BF408R	201
BF410R	201
BF411R	201
BF417R	202
BF426R	203, 674
BF431R	203
BF432R	203
BF433R	203
BF436R	203
BF437R	203
BF439R	204
BF440R	204
BF442R	204
BF443R	204
BF444R	203
BF448R	203
BF450R	202, 543
BF451R	202, 543
BF452R	202, 543
BF458R	206
BF459R	206
BF460R	205
BF461R	205
BF463R	205
BF464R	205
BF465R	205
BF466R	205
BF491R	207
BF493R	207
BF494R	207
BH011R	216, 786
BH012R	216, 786
BH013R	216, 786
BH014R	216, 786
BH015R	216, 786
BH016R	216, 786
BH017R	216, 786
BH018R	216, 786
BH020R	216, 786
BH021R	216, 786
BH022R	216, 786
BH023R	216, 786
BH026R	216, 786
BH027R	216, 786
BH030R	217, 787
BH031R	217, 787
BH032R	217, 787
BH034R	217, 787
BH100R	220
BH104R	220
BH105R	220
BH106R	221
BH108R	220
BH109R	220
BH110R	220
BH111R	220
BH114R	220
BH115R	220
BH118R	220
BH119R	220
BH120R	220
BH121R	220
BH123R	222
BH124R	223
BH125R	223
BH126R	223
BH127R	223
BH130R	221
BH131R	221
BH134R	221
BH135R	221
BH139R	221
BH140R	222
BH141R	222
BH143R	221
BH144R	222
BH145R	222
BH150R	222
BH151R	222
BH154R	222
BH155R	222
BH160R	223
BH161R	223
BH164R	224
BH165R	224
BH166R	224
BH167R	224
BH168R	225
BH170R	223
BH171R	223
BH176R	224
BH177R	224
BH178R	225
BH183R	226
BH187R	226
BH191R	227
BH193R	227
BH196R	228
BH197R	228
BH198R	225
BH199R	225, 245
BH200R	225
BH201R	225
BH202R	225
BH203R	225
BH205R	226
BH206R	227
BH207R	227
BH209R	227, 250
BH210R	226
BH211R	226
BH212R	225
BH213R	225
BH214R	226
BH215R	226
BH216R	227
BH217R	227
BH224R	229
BH225R	229
BH226R	238
BH227R	230
BH228R	228
BH229R	228
BH230R	230
BH231R	230
BH234R	229
BH238R	228
BH239R	228
BH243R	520
BH300R	231
BH302R	231
BH304R	231
BH312R	231
BH316R	231
BH318R	231
BH332R	232
BH333R	232
BH334R	232
BH335R	232
BH336R	232
BH337R	232
BH338R	232
BH339R	232
BH353R	520
BH354R	520
BH361R	232
BH410R	17, 231
BH412R	232
BH413R	232
BH414R	232
BH415R	232
BH422R	232
BH424R	232
BH425R	232
BH442R	233
BH443R	233
BH444R	233
BH445R	233
BH446R	233
BH447R	233
BH448R	233
BH449R	233
BH450R	233
BH451R	233
BH456R	233
BH457R	233
BH470R	234
BH471R	234
BH472R	234
BH473R	234
BH474R	234
BH475R	234
BH610R	235
BH612R	235
BH614R	235
BH615R	235
BH618R	235
BH619R	235
BH630R	235
BH631R	235
BH642R	236
BH643R	236
BH644R	236
BH645R	236
BH646R	236
BH647R	236
BH648R	236

Art. Nr. / Cat. No.	Seite / Page
BH649R	236
BH650R	236
BH651R	236
BH652R	236
BH653R	236
BH654R	236
BH655R	236
BH658R	236
BH659R	236
BH686R	531
BH687R	531
BH689R	531
BH800R	237
BH801R	237
BH804R	237
BH805R	237
BH807R	237
BH808R	237
BH812R	238
BH813R	238
BH814R	238
BH831R	239, 592
BH833R	239, 592
BH835R	239, 609
BH837R	239, 609
BH839R	239, 609
BH902R	241, 542
BH906R	16, 192, 241
BH908R	192, 241
BH949R	240
BH951R	240
BH952R	240
BH957R	240
BH959R	240
BH961R	240
BH963R	240
BH965R	240
BJ002R	244
BJ008R	244
BJ009R	244
BJ011R	244
BJ012R	244
BJ013R	245
BJ014R	245
BJ015R	245
BJ016R	245
BJ017R	245
BJ018R	245
BJ019R	246
BJ020R	246
BJ021R	246
BJ022R	246
BJ023R	246
BJ024R	246
BJ025R	246
BJ026R	246
BJ029R	252, 619
BJ031R	246
BJ032R	246
BJ033R	246
BJ034R	246
BJ035R	246
BJ041R	251
BJ042R	251
BJ043R	251
BJ044R	251
BJ045R	251
BJ047R	254
BJ048R	254
BJ050R	249
BJ051R	250, 840
BJ052R	251, 840
BJ055R	253, 593, 841
BJ057R	252
BJ058R	252
BJ059R	252
BJ060R	255, 590
BJ061R	255, 841
BJ062R	255, 841
BJ067R	249
BJ068R	255
BJ070R	253
BJ073R	255, 841
BJ075R	254, 691
BJ076R	254, 691
BJ080R	247
BJ081R	247
BJ082R	247
BJ083R	247
BJ086R	247
BJ090R	247
BJ091R	247
BJ096R	247
BJ100R	248
BJ102R	248
BJ103R	248
BJ104R	248
BJ106R	248
BJ110R	252, 619
BJ111R	247
BJ114R	247
BJ120R	252
BJ121R	252
BJ122R	252
BJ123R	252
BJ124R	252
BJ130R	254
BJ131R	254
BJ132R	254
BJ300R	257
BJ304R	257
BJ305R	257
BJ306R	257
BJ308R	257
BJ309R	258
BJ310R	258
BJ312R	258
BJ313R	259
BJ314R	259
BJ315R	259
BJ325R	260
BJ326R	260
BJ500R	260
BJ501R	260
BJ506R	263
BJ507R	263
BJ509R	264
BJ510R	265
BJ511R	265
BJ515R	264
BJ517R	260
BJ519R	260
BJ520R	261
BJ521R	261
BJ522R	261
BJ524R	261
BJ526R	262
BJ527R	262
BJ528R	265
BJ529R	261
BJ530R	267
BJ531R	267
BJ532R	267
BJ534R	266
BJ535R	266
BJ536R	260
BJ537R	266
BJ540R	264
BJ541R	265
BJ550R	268
BJ551R	100, 268
BJ552R	100, 268
BJ553R	268
BJ560R	271, 692
BJ561R	271, 693
BJ562R	271, 692
BJ563R	271, 693
BJ574R	270, 611
BJ576R	270
BJ579R	273, 612
BJ581R	272, 612, 808
BJ582R	269
BJ583R	269
BJ584R	269
BJ585R	269
BL058N	276
BL059N	276
BL060N	276
BL061N	276
BL062N	276
BL063N	276
BL064N	276
BL065N	276
BL066N	276
BL067N	276
BL068N	276
BL069N	276
BL070N	276
BL071N	276
BL072N	276
BL073N	276
BL074N	276
BL075N	276
BL076N	276
BL098N	276
BL099N	276
BL100N	276
BL101N	276
BL102N	276
BL103N	276
BL104N	276
BL105N	276
BL106N	276
BL107N	276
BL108N	276
BL109N	276
BL110N	276
BL111N	276
BL112N	276
BL113N	276
BL114N	276
BL115N	276
BL116N	276
BL161N	276
BL162N	276
BL163N	276
BL164N	276
BL165N	276
BL166N	276
BL167N	276
BL168N	276
BL169N	276
BL170N	276
BL171N	276

Numerischer Index – Numerical Index
BL - BM

Art. Nr. / Cat. No.	Seite / Page
BL172N	276
BL173N	276
BL174N	276
BL175N	276
BL176N	276
BL201N	276
BL202N	276
BL203N	276
BL204N	276
BL205N	276
BL206N	276
BL207N	276
BL208N	276
BL209N	276
BL210N	276
BL211N	276
BL212N	276
BL213N	276
BL214N	276
BL215N	276
BL216N	276
BL231N	277
BL232N	277
BL233N	277
BL234N	277
BL235N	277
BL236N	277
BL237N	277
BL251N	277
BL252N	277
BL253N	277
BL254N	277
BL255N	277
BL256N	277
BL257N	277
BL301N	277
BL302N	277
BL303N	277
BL305N	277
BL318N	277
BL319N	277
BL320N	277
BL321N	277
BL322N	277
BL323N	277
BL324N	277
BL325N	277
BL539N	278
BL540N	278
BL541N	278
BL542N	278
BL543N	278
BL544N	278
BL545N	278
BL546N	278
BL547N	278
BL548N	278
BL601N	278
BL602N	278
BL603N	278
BL604N	278
BL605N	278
BL611N	278
BL612N	278
BL613N	278
BL614N	278
BL615N	278
BL907R	279
BL910R	279
BL911R	279
BL915R	279
BL929R	279
BL930R	279
BL931R	279
BL932R	279
BL933R	279
BL941R	279
BL943R	279
BM001R	286, 773
BM002R	286, 773
BM003R	286, 773
BM004R	287, 774
BM005R	287, 774
BM008R	307
BM009R	307
BM010R	307
BM011R	307
BM012R	308
BM013R	309
BM014R	308
BM015R	308
BM016R	309
BM017R	309
BM018R	308
BM019R	309
BM020R	309
BM021R	309
BM022R	309
BM023R	309
BM024R	308
BM025R	313, 776
BM026R	313, 776
BM027R	313, 776
BM030R	309
BM032R	313, 776
BM033R	313, 776
BM034R	313, 776
BM035R	313, 776
BM036R	313, 776
BM037R	313, 776
BM038R	313, 776
BM040R	314, 777
BM042R	316
BM044R	320, 779
BM045R	320, 779
BM046R	320, 779
BM047R	320, 779
BM051R	314, 777
BM052R	314, 777
BM054R	320, 779
BM055R	320, 779
BM056R	320, 779
BM057R	320, 779
BM058R	320, 779
BM063R	313, 776
BM064R	313, 776
BM065R	310
BM066R	310
BM067R	310
BM068R	310
BM069R	310
BM070R	310
BM074R	319, 778
BM075R	319, 778
BM076R	319, 778
BM077R	310
BM078R	310
BM081R	315
BM082R	315
BM084R	315
BM088R	317
BM089R	317, 568
BM090R	318
BM092R	318
BM095R	315
BM096R	315
BM100R	315
BM101R	315
BM102R	315
BM105R	316
BM110R	312, 1067
BM111R	312, 1067
BM112R	312, 1067
BM113R	312, 1068
BM124R	311
BM127R	311
BM128R	311
BM129R	311
BM132R	324
BM148R	325
BM149R	325
BM150R	325
BM151R	325
BM153R	325
BM154R	325
BM156R	325
BM158R	325
BM165R	324
BM168R	324
BM170R	323
BM172R	323
BM178R	323
BM183R	322
BM184R	319, 778
BM186R	322
BM191R	322
BM193R	322
BM196R	322
BM200R	299
BM201R	299
BM202R	299
BM204R	299
BM205R	299
BM210R	299
BM211R	300
BM215R	299
BM218R	300
BM219R	300
BM220R	300
BM221R	301
BM224R	301
BM235R	301
BM236R	301
BM237R	301
BM238R	301
BM240R	301
BM241R	302
BM242R	302
BM245R	302
BM247R	302
BM249R	302
BM255R	302
BM259R	302
BM270R	302
BM272R	303
BM275R	303
BM280R	303
BM290R	304
BM291R	304
BM298R	304
BM299R	304
BM301R	298, 767
BM302R	298, 767
BM310R	321, 775
BM311R	321, 775

Art. Nr. / Cat. No.	Seite / Page
BM320R	321, 775
BM325R	298, 767
BM327R	298, 767
BM328R	298, 767
BM360R	305
BM361R	305
BM362R	305
BM406R	305
BM407R	305
BM503R	305
BM510R	305
BM560R	283, 771
BM562R	283, 771
BM563R	282, 770
BM564R	282, 770
BM620R	326, 623
BM627R	326, 623
BM628R	326, 623
BM629R	326, 623
BM711R	327
BM712R	327
BM713R	327
BM714R	327
BM726R	328
BM727R	328
BM728R	328
BM729R	328
BM748R	333
BM749R	333
BM755R	333
BM770R	332
BM771R	332
BM774R	333
BM780R	332
BM781R	332
BM801R	329
BM802R	329
BM806R	330
BM807R	330
BM808R	330
BM809R	330
BM810R	331
BM811R	331
BM812R	329
BM813R	329
BM814R	329
BM822R	331
BM823R	331
BM824R	331
BM825R	331
BM831R	336, 1056
BM832R	336
BM853R	334
BM855R	334
BM856R	334
BM858R	335
BM861R	335, 1056
BM900R	337
BM901R	337
BM902R	337
BM905R	337
BM911R	337
BM913R	337
BM920R	337
BM922R	337
BM924R	338
BM925R	338
BM931R	336
BM932R	336
BM938	338
BM940	338
BM941	338
BM950R	339
BM976R	691
BM977R	691
BN003R	342
BN004R	342
BN006R	342
BN010R	342
BN012R	342
BN015R	342
BN020R	342, 579
BN021R	343, 579
BN022R	343, 579
BN023R	343, 579
BN024R	343, 579
BN026R	343, 579
BN034R	344, 1048
BN036R	344, 1048
BN040R	344, 1048
BN054R	344
BN063R	344
BN064R	344
BN066R	344
BN068R	344
BN070R	344
BN090R	345, 579
BN095	346
BN096	346
BN099	346
BN101R	346
BN104R	345
BN110	345
BN113R	345
BN114R	345
BN116R	345
BN118R	345
BN120R	345
BN125R	345
BN134R	345
BN136R	345
BN138R	345
BN140R	345
BN150R	345
BN160	347
BN161	347
BN170R	347
BN172R	347
BN184R	348
BN400R	349
BN403	349
BN404	349
BN440R	349
BN445R	349
BN452R	351
BN457R	351
BN460R	350
BN461R	350
BN465R	350
BN466R	350
BN467R	349
BN468R	350
BN507R	352
BN511R	352
BN512R	352
BN515R	352
BN516R	352
BN518R	352
BN520R	352
BN522R	352
BN730R	352
BN731R	352
BN750R	352
BN754R	352
BN757R	352
BN758R	352
BN902R	353
BN903R	353
BN904R	353
BN905R	353
BN906R	353
BN907R	353
BN912R	353
BN913R	353
BN914R	353
BN915R	353
BN916R	353
BN917R	353
BN922R	353
BN923R	353
BN924R	353
BN925R	353
BN926R	353
BN942R	353
BN943R	353
BN944R	353
BN945R	353
BN946R	353
BN947R	353
BT001R	378
BT004R	379
BT005R	377
BT006R	377
BT007R	377
BT008R	377
BT010R	379
BT011R	379
BT012R	379
BT019R	379
BT020R	379
BT021R	379
BT022R	380
BT025R	379
BT026R	380
BT028R	382
BT029R	382
BT030R	381
BT031R	381
BT032R	381
BT033R	381
BT034R	383
BT035R	383
BT036R	383
BT037R	384
BT038R	384
BT040R	385
BT041R	386
BT042R	384
BT047R	386
BT048R	386
BT049R	386
BT075R	357
BT080R	357
BT082R	357
BT083R	357
BT084R	359
BT088R	359
BT089R	359
BT090R	359
BT091R	359
BT100R	364
BT103R	364
BT106R	364
BT107R	364

Numerischer Index – Numerical Index
BT

Art. Nr. / Cat. No.	Seite / Page
BT111R	365
BT112R	365
BT113R	365
BT114R	365
BT116R	365
BT117R	365
BT118R	365
BT119R	365
BT121R	366
BT122R	366
BT123R	366
BT124R	366
BT126R	366, 625
BT127R	366
BT128R	366
BT129R	366
BT132R	365
BT133R	365
BT134R	365
BT136R	365
BT137R	365
BT138R	365
BT161R	372
BT166R	372
BT167R	372
BT170R	373
BT171R	373
BT172R	373
BT173R	370
BT174R	370
BT177R	370
BT178R	370
BT179R	370
BT180R	373
BT181R	373
BT182R	374
BT183R	374
BT184R	375
BT185R	375
BT187R	375
BT190R	374
BT192R	375
BT193R	371
BT194R	371
BT195R	371
BT196R	371
BT197R	371
BT198R	371
BT200R	376
BT201R	376
BT202R	376
BT206R	376
BT221R	388
BT222R	388
BT223R	388
BT224R	388
BT225R	388
BT227R	388
BT228R	388
BT229R	388
BT230R	388
BT232R	387
BT234R	387
BT238R	387
BT239R	387
BT240R	387
BT241R	387
BT242R	389
BT243R	389
BT244R	389
BT246R	389
BT248R	389
BT252R	389
BT253R	389
BT254R	389
BT256R	389
BT257R	389
BT258R	389
BT259R	389
BT260R	389
BT261R	389
BT262R	390
BT263R	390
BT264R	390
BT265R	389
BT266R	390
BT272R	390
BT273R	390
BT274R	390
BT276R	390
BT278R	392
BT279R	392
BT280R	392
BT284R	393
BT285R	393
BT286R	393
BT287R	393
BT288R	394
BT290R	392
BT293R	391
BT294R	391
BT295R	391
BT296R	391
BT311R	394
BT315R	394
BT316R	394
BT320R	395
BT321R	395
BT322R	395
BT323R	395
BT325R	395
BT326R	395
BT327R	397
BT328R	397
BT329R	415
BT330R	415
BT331R	415
BT332R	398
BT340R	397
BT343R	398
BT351R	404
BT352R	404
BT353R	404
BT354R	396
BT356R	396
BT357R	396
BT358R	396
BT359R	396
BT361R	396
BT363R	396
BT364R	396
BT365R	396
BT369R	403
BT370R	403
BT371R	403
BT372R	403
BT373R	403
BT400R	405
BT404R	406
BT405R	406
BT406R	406
BT408R	406
BT419R	400, 1045
BT420R	400, 1045
BT421R	399, 1045
BT422R	399, 1045
BT423R	399, 1045
BT424R	399, 1045
BT425R	399, 1045
BT430R	400, 1045
BT440R	411
BT441R	411
BT442R	411
BT443R	411
BT444R	411
BT445R	411
BT446R	411, 569
BT457R	374
BT458R	374
BT459R	409
BT460R	409
BT461R	409
BT462R	409
BT463R	409
BT464R	407
BT465R	408
BT470R	413
BT471R	413
BT472R	413
BT475R	413
BT476R	413
BT477R	413
BT478R	414
BT479R	414
BT481R	415
BT482R	415
BT483R	415
BT484R	415
BT485R	416
BT486R	416
BT487R	416
BT490R	410
BT492R	410
BT494R	410
BT498R	410
BT500R	443
BT501R	946
BT502R	946
BT503R	946
BT504R	946
BT505R	946
BT508R	418
BT509R	418
BT510R	418
BT511R	418
BT512R	418
BT513R	418
BT514R	425
BT521R	425
BT522R	425
BT523R	425
BT524R	419
BT525R	419
BT526R	419
BT527R	419
BT528R	419
BT529R	419
BT530R	419
BT531R	426, 880
BT540P	412
BT542P	412
BT545P	412
BT551R	422, 878
BT552R	422, 878
BT553R	423, 879
BT559R	424, 881

Art. Nr. / Cat. No.	Seite / Page
BT560R	424, 881
BT561R	424, 881
BT594R	427
BT595R	427
BT596R	427
BT597R	427
BT600R	429
BT601R	429
BT602R	430
BT603R	430
BT604R	431
BT605R	432
BT606R	429
BT607R	431
BT608R	432
BT611R	433
BT613R	433
BT614R	434
BT615R	434
BT617R	443
BT618R	437
BT621R	437
BT622R	438
BT623R	438
BT624R	438
BT626R	442
BT630R	439
BT633R	439
BT655R	445
BT656R	445
BT657R	445
BT658R	445
BT659R	445
BT667R	446
BT669R	446
BT670R	440, 578
BT672R	440, 578
BT674R	441, 578
BT680R	452, 620
BT681R	452, 620
BT703R	447
BT708R	449
BT709R	449
BT710R	448
BT711R	448
BT712R	448
BT713R	448
BT714R	448
BT715R	448
BT721R	447
BT723R	447
BT724R	447
BT725R	447
BT730R	435
BT732R	435
BT740R	436
BT742R	436
BT746R	451
BT747R	451
BT749R	450
BT750R	450
BT751R	450
BT752R	450
BT755R	450
BT756R	450
BT758R	450
BT761R	450
BT762R	450
BT763R	450
BT773R	451
BT774R	451
BT775R	451
BT776R	451
BT777R	451
BT780R	453
BT795R	453
BT799R	421
BT800R	421
BT801R	420
BT802R	420
BT803R	420
BT804R	420
BT805R	420
BT806R	420
BT807R	420
BT808R	420
BT809R	420
BT810R	420
BT811R	420
BT812R	420
BT813R	420
BT814R	420
BT815R	420
BT816R	420
BT817R	420
BT818R	420
BT819R	420
BT820R	420
BT821R	420
BT822R	420
BT901R	367
BT902R	367
BT904R	367
BT906R	367
BT908R	367
BT911R	367
BT912R	367
BT913R	367
BT916R	367
BT917R	367
BT918R	367
BT921R	367
BT922R	367
BT923R	367
BT926R	367
BT927R	367
BT928R	367
BT933R	368
BT940R	368
BT943R	368
BT944R	368
BT945R	368
BT946R	368
BT948R	369
BT949R	369
BT951R	369
BT958R	369
BT964R	369
BT966R	369
BV001R	456
BV002R	456
BV003R	456
BV005R	456
BV006R	456
BV007R	456
BV008R	457
BV010R	457
BV011R	457
BV013R	457
BV014R	457
BV015R	457
BV028R	458
BV030R	458
BV032R	458
BV033R	458
BV059R	768
BV066R	459
BV067R	459
BV068R	461
BV070R	459
BV071R	459
BV072R	461
BV073R	459
BV074R	459
BV075R	461
BV076R	460
BV077R	460
BV078R	462
BV079R	462
BV084R	463
BV085R	463
BV086R	472
BV087R	472, 659
BV088R	464
BV090R	462
BV091R	462
BV092R	464
BV093R	464
BV094R	463
BV097R	461
BV098R	461
BV099R	461
BV101R	460
BV104R	460
BV112R	465
BV113R	465
BV199R	466
BV200R	466
BV201R	466
BV203R	466
BV205R	466
BV206R	466
BV207R	466
BV208R	466
BV209R	466
BV247R	467
BV248R	468
BV249R	467
BV250R	468
BV252R	468
BV254R	469
BV255R	469
BV258R	470
BV260R	469
BV271R	470
BV272R	470
BV273R	471
BV276R	471
BV296R	481
BV297R	481
BV298R	481
BV299R	481
BV326R	482
BV327R	482, 497
BV328R	482
BV329R	482
BV338R	482
BV348R	497
BV349R	497
BV361R	482
BV362R	482
BV363R	482
BV366R	483
BV367R	483
BV369R	483

Numerischer Index – Numerical Index
BV - DO

Art. Nr. / Cat. No.	Seite / Page
BV379R	480
BV380R	480
BV381R	480
BV382R	480
BV383R	480
BV384R	480
BV385R	480
BV391R	480
BV392R	480
BV393R	480
BV394R	480
BV395R	480
BV400R	476
BV401R	476
BV403R	476
BV405R	476
BV406R	476
BV409R	476
BV411R	476
BV413R	479
BV414R	479
BV415R	479
BV416R	479
BV417R	479
BV435R	478
BV437R	478
BV441R	478
BV442R	478
BV443R	478
BV444R	478
BV445R	478
BV446R	478
BV447R	478
BV448R	478
BV449R	478, 479
BV450R	478
BV451R	478
BV452R	478
BV453R	478
BV454R	478
BV455R	478
BV456R	478
BV457R	478
BV458R	478
BV461R	478
BV462R	478
BV463R	478
BV464R	478
BV465R	478
BV466R	478
BV467R	478
BV468R	478
BV500R	485
BV502R	485
BV505R	485
BV506R	485
BV509R	477
BV510R	477
BV512R	485, 866
BV516R	477
BV517R	477
BV518R	477
BV519R	477
BV520R	482
BV522R	482
BV523R	482
BV524R	482
BV527R	483
BV528R	483
BV530R	482
BV531R	482
BV532R	482
BV533R	482
BV535R	482
BV536R	482
BV542R	483
BV543R	483
BV545R	483
BV551R	482, 484
BV552R	482, 484
BV553R	482, 484
BV554R	482, 484
BV555R	482, 484
BV556R	483, 484
BV557R	483, 484
BV558R	483, 484
BV575R	496, 617
BV576R	496, 617
BV577R	496, 617
BV578R	496, 617
BV580R	496, 617
BV581R	576
BV582R	576
BV583R	576
BV584R	576
BV585R	576
BV586R	576
BV589R	576
BV591R	576
BV601R	485
BV602R	485
BV605R	486
BV606R	486, 488
BV608R	486
BV609R	486, 488
BV610R	486
BV611R	486, 488
BV615R	487
BV616R	487
BV617R	487
BV618R	487
BV621R	488
BV622R	488
BV624R	488
BV626R	488
BV628R	488
BV632R	488
BV634R	488
BV636R	488
BV638R	488
BV640R	488
BV645R	490
BV646R	490
BV647R	490
BV648R	490
BV649R	490
BV650R	490
BV653R	491
BV654R	491
BV655R	491
BV656R	491
BV657R	491
BV658R	491
BV659R	491
BV660R	494
BV661R	494
BV662R	494
BV663R	494
BV664R	494
BV665R	494
BV668R	494
BV669R	494
BV670R	495
BV672R	495
BV674R	495
BV675R	495
BV676R	495
BV680R	495
BV682R	495
BV684R	495
BV685	492
BV686R	492
BV687R	492
BV688R	492
BV689R	492
BV690R	492, 493
BV691R	492, 493
BV692R	492, 493
BV693R	492, 493
BV694R	492, 493
BV695R	492, 493
BV696R	492, 493
BV697R	492, 493
BV698R	492, 493
BV709R	475
BV710R	475
BV711R	475
BV712T	475
BV713T	475
BV906R	573
BV907R	577
BV927R	621
BV928R	496, 617
BV993R	472
BV996R	473, 659
BV997R	473, 659
BV998R	473
BV999R	473
DF112R	993
DF114R	993
DO208R	92
DO209R	92
DO210R	65
DO211R	65
DO218R	67
DO219R	69
DO250R	92
DO251R	69
DO252R	69
DO432R	407
DO438R	408
DO439R	408
DO440R	405
DO441R	405
DO450R	401
DO451R	401
DO452R	401
DO453R	401
DO454R	401
DO455R	401
DO460R	402
DO461R	402
DO462R	402
DO463R	402
DO464R	402
DO465R	402
DO510R	961
DO518R	972
DO520R	966
DO523R	969
DO543R	966
DO546R	961
DO547R	966
DO548R	966

Art. Nr. / Cat. No.	Seite / Page
DO552R	966
DO553R	966
DO608R	982
DO609R	982
DO611R	960
DO612R	960
DO630R	983
DO631R	983
DO632R	983
DO633R	983
DO642R	960
DO650R	982
DO651R	982
DO655R	982
DO656R	982
DO670R	982
DO671R	982
DO672R	982
DO673R	982
DO674R	982
DO711R	1001
DO713R	1001
DO715R	1001
DO717R	1001
DO720R	1005
DO722R	1002
DO723R	1002
DO725R	1002
DO726R	1002
DO728R	1005
DO730R	1005
DO732R	1002
DO733R	1002
DO750R	1007
DO751R	1007
DO752R	1007
DO753R	1007
DO754R	1007
DO755R	1007
DO771R	979
DO772R	979
DO773R	979
DO811R	1056
DO812R	1056
DP031R	1069
DP035R	1069
DP501R	1073
DP505R	1073
DP520R	1077
DP530R	1073
DP540R	1072
DP541R	1072
DP551R	129, 1072
DP552R	100, 1072
DP560R	129
DP561R	129
DP563R	129
DP569R	129
EA010R	196, 538
EA012R	196, 538
EA013R	539
EA014R	539
EA015R	539
EA016R	196, 539
EA017R	539
EA018R	539
EA020R	540
EA025R	540
EA026R	540
EA027R	180, 543
EA028R	543, 838
EA030R	540
EA031R	540, 839
EA032R	540, 839
EA033R	540
EA036R	541
EA037R	241, 542
EA039R	541
EA040R	541
EA041R	541
EA042R	541
EA050R	544, 835
EA052R	544, 835
EA061R	191, 544, 837
EA062R	191, 544, 837
EA092R	544, 836
EA095R	544, 836
EA096R	544, 836
EA097R	544, 836
EA099R	544, 836
EA100R	544, 568, 836
EA101R	544, 836
EA106R	547
EA107R	547
EA114R	547
EA116R	547
EA117R	547
EA120R	548
EA121R	548
EA124R	548
EA125R	548
EA126R	550
EA127R	550
EA130R	549
EA131R	549
EA132R	554
EA140R	549
EA141R	549
EA145R	549
EA146R	549
EA150R	551
EA151R	551
EA152R	551
EA155R	551
EA156R	551
EA157R	551
EA170R	555
EA171R	555
EA176R	553
EA182R	553
EA191R	561
EA202R	552
EA203R	552
EA204R	552
EA205R	552
EA206R	552
EA207R	552
EA210R	548
EA211R	548
EA212R	550
EA213R	550
EA216R	555
EA217R	555
EA220R	547
EA221R	547
EA222R	548
EA223R	548
EA240R	557
EA305R	558
EA306R	558
EA309R	558
EA321R	554
EA331R	559
EA332R	559
EA334R	559
EA336R	559
EA338R	559
EA355R	564
EA356R	566
EA360R	564
EA362R	562
EA365R	560
EA397R	557
EA440R	556
EA441R	556
EA450R	558
EA466R	557
EA800R	570
EA820R	570
EA821R	570
EA825R	571
EA826R	571
EA828R	571
EA829R	571
EA831R	571
EA843R	571
EA853R	573
EA862C	572
EA863C	572
EA864C	572
EA871R	574
EA873R	574
EA875R	574
EA876R	574
EA877R	575
EA878R	575
EA879R	575
EA880R	572
EA882R	572
EA883R	572
EA887R	573
EA888R	575
EA889R	575
EA890R	579
EA900R	580
EA903R	580
EA904R	581
EA905R	582
EA906R	582
EA907R	582
EA912R	581, 704
EA914R	581
EA943R	582
EA989R	583
EA990R	585
EA991R	585
EA993	585
EA996R	586
EA997R	586
EA998R	586
EA999P	586
EB001R	255, 590
EB003R	255, 590
EB008R	256, 591
EB009R	256, 591
EB011R	256, 592
EB012R	256, 592
EB050	598
EB052C	599
EB061R	601
EB062R	601
EB063R	601
EB064R	601

Numerischer Index – Numerical Index

EB - EL

Art. Nr. / Cat. No.	Seite / Page
EB065R	601
EB066R	601
EB067R	601
EB068R	601
EB069R	601
EB070R	601
EB071R	601
EB072R	601
EB073R	601
EB074R	601
EB075	601
EB101R	599
EB102R	599
EB103R	599
EB111R	602
EB112R	602
EB113R	602
EB114R	602
EB168R	602
EB169R	602
EB170R	602
EB171R	602
EB172R	602
EB173R	602
EB174R	602
EB175R	602
EB220R	603, 846
EB221R	603
EB225R	604
EB231R	605
EB232R	605
EB233R	605
EB234R	605
EB239R	605
EB240R	605
EB242R	605
EB244R	616
EB246R	616
EF001R	608
EF002R	608
EF003R	608
EF010R	609
EF011R	608
EF012R	610
EF015R	610
EF016R	610
EF030R	611
EF047R	614
EF048R	614
EF051R	614
EF052R	614
EF053R	614
EF054R	614
EF055R	615
EF056R	615
EF070R	624
EF155R	625
EF163R	622
EF164R	622
EF167R	619
EF168R	326, 622
EF170R	622
EF195R	625
EF208C	627
EF210C	627
EF212C	627
EF214C	627
EF216C	627
EF218C	627
EF220C	627
EF306C	627
EF308C	627
EF310C	627
EF312C	627
EF314C	627
EF316C	627
EF318C	627
EF400R	625
EF401R	625
EF491C	628
EF492R	628
EF493R	628
EF638R	600, 629
EF639R	600, 629
EF640R	600, 629
EF641R	600, 629
EF642R	600, 629
EF643R	600, 629
EF644R	600, 629
EF645R	600, 629
EF646R	600, 629
EF647R	600, 629
EF648R	600, 629
EF649R	600, 629
EF650R	600, 629
EF651R	600, 629
EF652R	600, 629
EF653R	600, 629
EF654R	600, 629
EF655R	600, 629
EF656R	600, 629
EF657R	600, 629
EF658R	600, 629
EF659R	600, 629
EF660R	600, 629
EF790R	629
EF824R	630
EF826R	630
EF828R	630
EF830R	630
EF832R	630
EF834R	630
EF836R	630
EF838R	630
EF840R	630
EF842R	630
EF844R	630
EF846R	630
EF848R	630
EF850R	630
EF852R	630
EF854R	630
EF856R	630
EF858R	630
EF860R	630
EF921R	200, 626
EF928R	626
EF965R	631
EF966R	631
EF967R	631
EJ126R	634
EL010C	636
EL011R	636
EL013R	636
EL014R	636
EL015R	636
EL016R	636
EL040R	637
EL041R	638
EL042R	638
EL043R	638
EL044R	638
EL056R	637
EL057R	637
EL058R	637
EL075R	637
EL076R	638
EL077R	638
EL078R	638
EL079R	638
EL080R	638
EL081R	638
EL086R	637
EL087R	637
EL088R	637
EL150R	638
EL151R	638
EL152R	638
EL180R	639
EL181R	639
EL182R	639
EL183R	639
EL184R	639
EL185R	639
EL192R	640
EL193R	640
EL194R	640
EL195R	640
EL196R	640
EL407R	640
EL408R	640
EL409R	640
EL410R	641
EL411R	641
EL413R	641
EL420R	641
EL421R	641
EL422R	641
EL423R	641
EL424R	641
EL425R	641
EL426R	641
EL427R	641
EL428R	641
EL440R	642
EL441R	642
EL442R	642
EL443R	642
EL444R	644
EL445R	644
EL446R	644
EL447R	644
EL448R	644
EL450R	643
EL451R	643
EL452R	643
EL453R	643
EL454R	645
EL455R	645
EL456R	645
EL457R	645
EL458R	645
EL480R	646
EL481R	646
EL491R	647
EL492R	647
EL493R	647
EL494R	647
EL495R	647
EL496R	647
EL497R	647
EL498R	647
EL499R	647

Art. Nr. / Cat. No. — Seite / Page

EL550R 648
EL551R 648
EL558R 649
EL559R 649
EL578R 650
EL579R 650
EL581R 652
EL627R 650
EL628R 650
EL629R 650
EL631R 444, 651
EL632R 444, 651
EL633R 444, 651
EL634R 444, 651
EL635R 444, 651
EL636R 444, 651
EL637R 444, 651
EL638R 444, 651
EL639R 444, 651
EL642R 444, 651
EL644R 444, 651
EL660R 651
EL690R 653
EL691R 653
EL693R 653
EL694R 653
EL695R 653
EL697R 653
EL698R 653
EL700R 653
EL702R 653
EL703R 653
EL704R 653
EL705R 653
EL707R 653
EL708R 653
EL720C 654
EL721C 654
EL722C 654
EL736R 656
EL738R 656
EL739R 656
EL740R 657
EL741R 657
EL742R 657
EL743R 657
EL744R 657
EL745R 657
EL746R 657
EL747R 657
EL748R 657
EL751R 658
EL752R 658
EL753R 658
EL754R 658
EL755R 658
EL756R 658
EL757R 658
EL758R 658
EL759R 658
EL760R 658
EL859R 654
EL860R 654
EL865R 652
EL868R 417, 655
EL870R 417, 655
EL872R 417, 655
EL873R 417, 655

EM097R 664
EM098R 664
EM099R 664
EM100R 664
EM101R 662, 664
EM102R 662, 664
EM103R 662, 664
EM104R 662, 664
EM105R 662, 664
EM106R 662, 664
EM107R 662, 664
EM108R 662, 664
EM109R 662, 664
EM110R 662, 664
EM111R 662, 664
EM112R 662, 664
EM113R 662, 664
EM114R 662, 664
EM115R 662, 664
EM116R 662, 664
EM117R 662, 664
EM118R 662, 664
EM119R 662, 664
EM120R 662, 664
EM121R 662, 664
EM122R 662, 664
EM123R 662, 664
EM124R 662, 664
EM125R 662, 664
EM126R 662, 664
EM131R 662
EM132R 662
EM133R 662
EM134R 662
EM135R 662
EM136R 662
EM137R 662
EM138R 662
EM139R 662
EM140R 662
EM141R 662
EM142R 662
EM143R 662
EM144R 662
EM145R 662
EM146R 662
EM147R 662
EM193R 664
EM194R 664
EM231R 662
EM232R 662, 663
EM233R 662, 663
EM234R 662, 663
EM235R 662, 663
EM236R 662, 663
EM237R 662, 663
EM238R 662, 663
EM239R 662, 663
EM244R 663
EM245 663
EM271R 663
EM272R 663
EM273R 663
EM274R 663
EM275R 663
EM276R 663
EM277R 663
EM278R 663
EM710R 667
EM711R 667

EO0005R 598, 670
EO0010R 670
EO0012R 670
EO0013R 670
EO0015R 670
EO0016R 671
EO0020 671
EO0030R 671
EO0060R 200, 672
EO0061R 200, 604, 672
EO0075R 672
EO0077R 672
EO0080R 673
EO0082R 673
EO0085R 673
EO0105R 674
EO0106R 674
EO0108R 675
EO0110R 199, 675
EO0111R 676
EO0112R 199, 676
EO0115R 677
EO0122R 675
EO0125R 676
EO0130R 677
EO0140R 677
EO0150R 678
EO0151R 678
EO0163R 197, 679
EO0164R 197, 679
EO0165R 198, 680
EO0166R 198, 680
EO0171R 681
EO0177R 681
EO0180R 682
EO0202R 682
EO0216R 683
EO0218R 683
EO0220R 684
EO0221R 684
EO0222R 684
EO0225R 684
EO0226R 684
EO0240R 684
EO0242R 684
EO0300R 688
EO0310R 193, 594, 686
EO0315R 193, 686
EO0332R 596, 687
EO0338R . . 191, 584, 595, 687, 837
EO0340R . . 191, 584, 595, 687, 837
EO0342R 688
EO0405R 613, 688
EO0407R 613, 689
EO0415R 689
EO0420R 689
EO0433R 690
EO0435R 690

ER002R 697
ER005R 626, 697
ER011R 698
ER012R 698
ER015R 698
ER016R 698
ER025R 711
ER050R 699
ER054R 700
ER055R 700
ER058R 699
ER061R 701
ER062R 701
ER063R 701
ER064R 701
ER066R 703
ER068R 706

Numerischer Index – Numerical Index
ER - FB

Art. Nr. / Cat. No.	Seite / Page
ER070R	703
ER071R	704
ER072R	702
ER073R	702
ER076R	702
ER101R	707, 988
ER102R	707, 988
ER103R	707, 988
ER104R	707, 988
ER105R	707, 988
ER106R	707, 988
ER111R	707
ER112R	707
ER113R	707
ER114R	707
ER115R	707
ER116R	707
ER126R	707
ER128R	707
ER130R	707
ER132R	707
ER134R	707
ER219R	708
ER220R	708
ER221R	708
ER222R	708
ER223R	708
ER224R	708
ER225R	708
ER226R	708
ER227R	708
ER228R	708
ER229R	708
ER230R	708
ER241R	708
ER242R	708
ER243R	708
ER244R	708
ER245R	708
ER246R	708
ER247R	708
ER248R	708
ER320R	708
ER321R	708
ER322R	708
ER323R	708
ER324R	708
ER325R	708
ER326R	708
ER327R	708
ER328R	708
ER329R	708
ER330R	708
ER401R	709
ER402R	709
ER403R	709
ER404R	709
ER405R	709
ER406R	709
ER411R	709
ER412R	709
ER413R	709
ER414R	709
ER415R	709
ER416R	709
ER421R	709
ER422R	709
ER423R	709
ER424R	709
ER425R	709
ER426R	709
ER520R	710
ER521R	710
ER522R	710
ER523R	710
ER524R	710
ER525R	710
ER526R	710
ER580R	711
ER585R	711
ER602R	712
ER611R	713
ER612R	713
ER621R	713
ER623R	713
ER626R	713
ER627R	713
ER628R	713
ER820C	715
ER822C	715
ER825C	715
ER826C	715
ER827C	715
ER828C	715
ER829	715
ER867R	717
ER871R	716
ER872R	716
ER873R	716
ER874R	716
ER875	717
ER876	717
ET002	720
ET005R	720
ET073R	720
ET096R	721
ET102R	722
ET106R	722
ET130R	724
ET140R	124, 724
ET141R	124, 724, 856
ET142R	124, 724
ET150R	123, 723
ET152R	123, 723
ET160R	724
ET205R	726
ET210R	726
ET220R	727
ET221R	727
ET237R	727
ET245R	728
ET246R	728
ET251R	729
ET255R	729
ET268R	730
ET269R	731
ET270R	730
ET301R	732
ET302R	732
ET306R	732
ET307R	732
ET308R	732
ET315R	732
ET316R	732
ET320R	734
ET325R	733
ET326R	733
ET327R	733
ET329R	735
FA001R	456
FA005R	474
FA006R	474
FA007R	474
FA025R	364
FA026R	364
FB030R	887
FB031R	887, 888
FB032R	887
FB033	887
FB034R	887
FB035R	887
FB036R	887
FB037R	887
FB038R	887
FB040R	887
FB050R	888
FB051R	888
FB053R	888
FB054R	888
FB055R	888
FB108R	851
FB109R	851
FB110R	851
FB112R	851
FB113R	851
FB114R	851
FB115R	851
FB116R	851
FB117R	851
FB119R	851
FB120R	889
FB121R	889
FB122R	889
FB124R	889
FB125R	889
FB126R	889
FB150R	849
FB151R	849
FB153R	846
FB154R	846
FB155R	846
FB156R	846
FB158R	850
FB159R	850
FB160R	847
FB161R	847
FB162R	847
FB163R	847
FB164R	847
FB165R	847
FB166R	847
FB167R	847
FB168R	847
FB169R	847
FB170R	847
FB172R	847
FB180R	852
FB184R	852
FB185R	852
FB186R	852
FB194R	852
FB195R	852
FB196R	852
FB222R	738
FB223R	739
FB224R	739
FB226R	739
FB227R	739
FB234R	740
FB235R	741
FB236R	741
FB238R	741

Art. Nr. Cat. No.	Seite Page
FB239R	741
FB240R	742
FB242R	743
FB243R	742
FB245R	743
FB246R	744
FB248R	745
FB249R	744
FB251R	745
FB252R	744
FB253R	745
FB254R	742
FB255R	743
FB328R	217, 787
FB329R	217, 787
FB330R	217, 787
FB331R	217, 787
FB352R	218, 788
FB353R	218, 788
FB357R	218, 788
FB358R	218, 788
FB359R	218, 788
FB362R	218, 788
FB363R	218, 788
FB364R	218, 788
FB365R	218, 788
FB366R	218, 788
FB367R	218, 788
FB369R	218, 788
FB394R	160, 782
FB395R	160, 782
FB396R	160, 782
FB400R	160, 546, 782
FB401R	161, 783
FB402R	160, 546, 782
FB403R	161, 783
FB404R	160, 546, 782
FB405R	160, 546, 782
FB406R	161, 546, 783
FB407R	161, 546, 783
FB408R	161, 546, 783
FB409R	161, 546, 567, 783
FB411R	160, 782
FB412R	160, 782
FB414R	160, 546, 782
FB415R	160, 546, 782
FB416R	160, 546, 782
FB417R	160, 546, 782
FB418R	160, 782
FB419R	160, 782
FB420R	219, 789
FB421R	219, 789
FB422R	219, 789
FB423R	219, 789
FB424R	219, 789
FB425R	219, 789
FB426R	219, 789
FB427R	219, 789
FB431R	218, 788
FB432R	219, 789
FB433R	219, 789
FB434R	219, 789
FB435R	219, 789
FB436R	219, 789
FB437R	219, 789
FB440R	794
FB441R	794
FB442R	794
FB443R	794
FB444R	795
FB445R	795
FB446R	794
FB447R	794
FB448R	794
FB449R	794
FB450R	805
FB451R	805
FB452R	804
FB453R	804
FB454R	804
FB455R	804
FB456R	804
FB457R	804
FB458R	799
FB459R	799
FB460R	799
FB461R	799
FB462R	799
FB463R	806
FB464R	806
FB465R	806
FB466R	807
FB467R	807
FB468R	807
FB469R	807
FB470R	807
FB471R	815
FB472R	815
FB473R	815
FB475R	815
FB476R	814
FB477R	814
FB478R	814
FB480R	815
FB481R	813
FB482R	813
FB483R	798
FB484R	798
FB485R	798
FB486R	797
FB487R	797
FB488R	818
FB489R	818
FB490R	819
FB491R	819
FB492R	819
FB493R	563, 811
FB494R	563, 811
FB495R	817
FB496R	797
FB497R	797
FB498R	798
FB499R	798
FB500R	801
FB501R	801
FB502R	801
FB503R	801
FB504R	801
FB506R	802
FB507R	802
FB508R	802
FB510R	809
FB511R	809
FB512R	809
FB513R	809
FB515R	810
FB516R	810
FB517R	810
FB518R	810
FB519R	800
FB520R	800
FB521R	800
FB522R	800
FB523R	800
FB524R	800
FB525R	816
FB526R	795
FB527R	795
FB528R	796
FB529R	796
FB530R	796
FB532R	795
FB533R	795
FB534R	795
FB535R	795
FB540R	790
FB541R	790
FB542R	790
FB543R	790
FB544R	790
FB552R	804
FB553R	804
FB554R	804
FB557R	792
FB558R	792
FB559R	793
FB560R	793
FB561R	793
FB563R	793
FB567R	792
FB568R	792
FB569R	792
FB570R	793
FB573R	812
FB574R	812
FB576R	817
FB578R	816
FB581R	791
FB582R	791
FB587R	803
FB588R	803
FB590R	791
FB591R	791
FB592R	791
FB593R	791
FB600R	843
FB602R	843
FB604R	843
FB605R	843
FB633R	844
FB634R	844
FB635R	844
FB651R	851
FB653R	851
FB654R	851
FB700R	820
FB701R	820
FB702R	820
FB703R	820
FB704R	820
FB705R	820
FB706R	820
FB707R	820
FB708R	820
FB710R	826
FB711R	826
FB712R	826
FB713R	826
FB714R	826
FB715R	826
FB717R	824
FB718R	824
FB719R	824
FB721R	823
FB722R	823
FB723R	823

Numerischer Index – Numerical Index
FB - FD

Art. Nr. / Cat. No.	Seite / Page
FB724R	823
FB725R	823
FB726R	823
FB727R	823
FB729R	825
FB730R	825
FB731R	822
FB732R	822
FB734R	822
FB735R	822
FB736R	825
FB737R	825
FB738R	828
FB741R	821
FB742R	821
FB743R	821
FB754R	827
FB755R	827
FB756R	827
FB764R	832
FB765R	833
FB766R	827
FB767R	827
FB773R	829
FB775R	830
FB776R	831
FB777R	831
FB778R	831
FB779R	831
FB780R	831
FB784R	161, 783
FB785R	161, 783
FB786R	161, 783
FB795R	828
FB800R	867
FB802R	867
FB803R	868
FB804R	868
FB805R	869
FB806R	869
FB807R	869
FB808R	870
FB809R	870
FB810R	870
FB811R	870
FB812R	870
FB813R	871
FB814R	871
FB815R	871
FB816R	871
FB817R	871
FB818R	871
FB819R	871
FB820R	874
FB821R	874
FB822R	874
FB823R	874
FB830R	866
FB835R	867
FB836R	867
FB840R	877
FB841R	877
FB842R	877
FB844R	877
FB845R	872
FB846R	872
FB847R	866
FB850R	873
FB851R	873
FB852R	865
FB853R	865
FB854R	865
FB855R	865
FB856R	865
FB857R	865
FB858R	865
FB860R	882
FB861R	882
FB862R	882
FB865R	883
FB866R	883
FB870R	857
FB873R	857
FB878R	857
FB881R	857
FB882R	857
FB890R	858
FB892R	858
FB911R	855
FB918R	856
FB930R	542, 839
FB934R	540, 839
FB936R	545, 835
FB938R	539, 839
FB940R	842
FB950R	845
FB954R	273, 561, 845
FB955R	273, 561, 845
FB956R	272, 560, 808
FB957R	272, 560, 808
FB958R	272, 560, 808
FB961R	840
FB971R	884
FB972R	884
FB973R	884
FB974R	884
FB975R	884
FB976R	884
FC004R	853
FC005R	853
FC014R	853
FC015R	853
FC025R	853
FC030	853
FC034R	853
FC035R	853
FC040A	864
FC041A	864
FC042A	864
FC043A	864
FC044A	865
FC048R	854
FC049R	854
FC060R	875, 876
FC061R	876
FC062R	876
FC063R	876
FC064R	876
FC300R	834
FC301R	834
FC302R	834
FC303R	834
FC304R	834
FC310R	834
FC311R	834
FC312R	834
FC313R	834
FC314R	834
FC411R	159, 546, 781
FC412R	159, 546, 781
FC413R	159, 546, 781
FC418R	159, 546, 781
FD011R	50
FD012R	50
FD013R	50
FD014R	50
FD015R	50
FD016R	51
FD017R	51
FD018R	52
FD019R	52
FD020R	52
FD021R	52
FD022R	52
FD023R	52
FD028R	51
FD045R	282, 770
FD046R	282, 770
FD048R	282, 770
FD076R	282, 770
FD079R	282, 770
FD080R	282, 770
FD081R	282, 770
FD100R	53
FD101R	53
FD103R	53
FD230R	283, 771
FD231R	283, 771
FD232R	283, 771
FD233R	283, 771
FD240R	284, 772
FD241R	284, 772
FD242R	284, 772
FD243R	284, 772
FD244R	284, 772
FD245R	284, 772
FD246R	284, 772
FD247R	284, 772
FD251R	60, 768
FD252R	60, 768
FD253R	150, 769
FD255R	769
FD258R	297, 769
FD259R	297, 769
FD280R	143
FD281R	143
FD284R	143
FD285R	143
FD286R	143
FD287R	143
FD333R	849
FD375R	363
FD376R	363
FD392R	363
FD394R	358
FD395R	358
FD396R	358
FD397R	358
FD398R	358
FD399R	358
FD552R	210
FD554R	210
FD556R	210
FD558R	210
FD560R	210
FD561R	210
FD562R	210
FD568R	210, 211
FD569R	210, 211
FD571R	211
FD572R	211
FD575R	212
FD578R	210
FD610R	1046
FD611R	211

Art. Nr. / Cat. No.	Seite / Page
FD612R	211
FD613R	211
FD614R	211
FD615R	211
FD635R	212
FD636R	212
FE005K	213
FE010K	213
FE011K	213
FE012K	213
FE013K	213
FE014K	213
FE020K	213
FE021K	213
FE022K	213
FE023K	213
FE024K	213
FE030S	214, 784
FE031S	214, 784
FE032S	215, 785
FE034S	215, 785
FE040S	214, 784
FE041S	214, 784
FE042S	215, 785
FE044S	215, 785
FF011R	731
FF031R	1053
FF032R	1053
FF033R	1053
FF034R	1053
FF035R	1053
FF036R	1053
FF037R	1053
FF038R	1053
FF039R	1053
FF040R	1053
FF041R	1053
FF042R	1053
FF043R	1053
FF044R	1053
FF047R	1053
FF048R	1053
FF052R	1053
FF053R	1053
FF055R	1052
FF056R	1052
FF057R	1052
FF061R	1052
FF062R	1052
FF063R	1052
FF064R	1052
FF065R	1052
FF066R	1052
FF067R	1052
FF068R	1052
FF130R	925
FF133C	925
FF291R	928
FF292R	928
FF293R	928
FF294R	928
FF295R	929
FF300R	850
FF301R	850
FF302R	850
FF308R	929
FF309	339
FF313R	360
FF321R	360
FF322R	360
FF345R	909
FF346R	962
FF347R	929
FF348R	929
FF349R	929
FF502R	905
FF503R	905
FF504R	905
FF513R	905
FF514R	905
FF523R	906
FF524R	906
FF532R	905
FF533R	905
FF534R	905
FF535R	905
FF536R	905
FF543R	905
FF544R	905
FF545R	905
FF553R	906
FF554R	906
FF562R	905
FF563R	905
FF564R	905
FF565R	905
FF566R	905
FF573R	905
FF574R	905
FF575R	905
FF583R	906
FF584R	906
FF599R	908
FF600R	908
FF605R	908
FF661R	897
FF662R	897
FF663R	897
FF664R	897
FF665R	897
FF682R	897
FF683R	897
FF684R	897
FF685R	897
FF692R	898
FF693R	898
FF694R	898
FF695R	898
FF707R	376
FF708R	376
FF709R	376
FF711R	898
FF712R	898
FF713R	898
FF714R	898
FF715R	897
FF716R	896
FF717R	897
FF718R	896
FF719R	896
FF720R	897
FF721R	896
FF722R	897
FF723R	896
FF724R	897
FF725R	898
FF726R	897
FF727R	897
FF728R	897
FF729R	897
FF730R	929
FF737R	897
FF738R	897
FF741R	896
FF742R	896
FF743R	896
FF746R	897
FF747R	897
FF748R	897
FF749R	897
FF750R	896
FF752R	896
FF754R	896
FF755R	896
FF765R	902
FF766R	902
FF767R	902
FF768R	902
FF769R	897
FF770R	897
FF771R	897
FF772R	897
FF773R	897
FF774R	903
FF775R	903
FF776R	903
FF777R	903
FF778R	903
FF779R	903
FF781R	898
FF782R	898
FF783R	898
FF784R	898
FF785R	898
FF799R	902
FF800R	902
FF801R	902
FF803R	906
FF805R	906
FF806R	907
FF807R	906
FF808R	911
FF810R	907
FF811R	907
FF814R	907
FF818R	911
FF820R	909
FF832R	904
FF833R	904
FF834R	904
FF835R	904
FF842R	904
FF843R	904
FF844R	904
FF852R	904
FF853R	904
FF854R	904
FF856R	910
FF857R	910
FF858R	910
FF913R	997
FF914R	997
FF915R	997
FG052R	1035
FG055R	895
FG057R	912
FH001	916
FH002	916
FH003	916
FH004	916
FH005	916
FH010	916

Numerischer Index – Numerical Index
FH - FK

Art. Nr. / Cat. No.	Seite / Page
FH014	916
FH100R	28, 917
FH101R	28, 917
FH102R	28, 917
FH103R	28, 917
FH116R	28, 917
FH150R	28, 917
FH160R	29, 918
FH166R	29, 918
FH170R	29, 918
FH191R	29, 918
FH192R	29, 918
FH194R	33, 919
FH197R	33, 919
FH220R	920
FH222R	920
FH300R	921
FH301C	921
FH302C	921
FH305R	921
FH306R	921
FH307C	921
FH308C	921
FH310C	921
FH312C	921
FH313R	922
FH314C	922
FH315C	922
FH316C	922
FH320R	922
FH325R	923
FH326R	923
FH335R	923
FH403	924
FH404	924
FH405	924
FH407	924
FH413	924
FH414	924
FH415	924
FH430R	924
FH480R	924
FK110R	930
FK111R	932
FK113R	932
FK114R	932
FK116R	932
FK117R	932
FK118R	932
FK119R	932
FK120R	930
FK121R	930
FK124R	931
FK130R	931
FK131R	931
FK133R	931
FK135R	933
FK136R	933
FK139R	931
FK140R	933
FK141R	930
FK146R	974
FK147R	974
FK148R	974
FK149R	974
FK156R	934
FK157R	974
FK158R	944
FK160R	934
FK161R	935
FK162R	935
FK166R	937
FK167R	936
FK168R	943
FK169R	943
FK170R	936
FK171R	937
FK172R	940
FK173R	940
FK174R	938
FK175R	938
FK176R	939
FK177R	944
FK180R	945
FK185R	936
FK186R	937
FK187R	942
FK188R	939
FK189R	941
FK193R	945
FK211R	947
FK212R	947
FK213R	947
FK214R	950
FK215R	950
FK218R	948
FK219R	948
FK221R	957
FK222R	955
FK223R	952
FK224R	949
FK231R	958
FK238R	959
FK239R	951
FK241R	956
FK243R	953
FK244R	954
FK245R	953
FK246R	954
FK251	959
FK252	959
FK253	959
FK254	959
FK291R	964
FK292R	964
FK293R	964
FK299R	968
FK300R	961
FK301R	968
FK302R	968
FK303R	961
FK306R	968
FK307R	968
FK308R	968
FK309R	968
FK310R	961
FK314R	969
FK317R	970
FK318R	970
FK319R	970
FK321R	970
FK323R	970
FK324R	970
FK325R	970
FK328R	969
FK329R	969
FK336R	973
FK340R	971
FK341R	971
FK344R	971
FK345R	971
FK348R	977
FK350R	971
FK351R	973
FK352R	977
FK353R	977
FK355R	863, 973
FK356R	863, 973
FK357R	863, 973
FK358R	863, 973
FK359R	863, 973
FK360R	863, 972
FK361R	972
FK362R	972
FK365R	973
FK366R	973
FK378R	972
FK379R	971
FK381R	862, 975
FK382R	862, 975
FK383R	862, 975
FK384R	862, 975
FK387R	862, 975
FK390R	971
FK391R	972
FK394R	969
FK395R	969
FK396R	969
FK397R	969
FK400R	861, 976
FK401R	861, 976
FK402R	861, 976
FK403R	861, 976
FK408R	861, 976
FK409R	861, 976
FK410R	972
FK411R	972
FK412R	972
FK413R	972
FK414R	972
FK420R	863, 974
FK505R	980
FK507R	980
FK510R	980
FK511R	980
FK530R	967
FK532R	967
FK534R	967
FK541R	967
FK542R	967
FK543R	967
FK552R	967
FK562R	967
FK611R	984
FK612R	984
FK613R	984
FK614R	984
FK615R	984
FK616R	984
FK617R	984
FK621R	984
FK622R	984
FK623R	984
FK624R	984
FK625R	984
FK626R	984
FK627R	984
FK630R	984
FK631R	984
FK632R	984
FK633R	984
FK634R	984
FK635R	984
FK636R	984
FK637R	984

Art. Nr. / Cat. No.	Seite / Page
FK638R	984
FK639R	984
FK658R	984
FK659R	984
FK660R	983
FK661R	983
FK662R	985
FK663R	985
FK664R	985
FK665R	985
FK666R	989
FK668R	989
FK670R	989
FK672R	989
FK675R	985
FK676R	985
FK677R	985
FK678R	985
FK679R	985
FK684R	985
FK685R	985
FK686R	985
FK688R	988
FK689R	988
FK690R	988
FK702R	986
FK703R	986
FK704R	986
FK705R	986
FK712R	986
FK713R	986
FK714R	986
FK715R	986
FK723R	986
FK724R	986
FK725R	986
FK773R	988
FK774R	988
FK775R	988
FK783R	988
FK784R	988
FK785R	988
FK800R	981
FK801R	981
FK803R	981
FK813R	981
FK814R	981
FK817R	981
FK834R	988
FK835R	988
FK836R	988
FK840R	981
FK841R	981
FK842R	981
FK845R	981
FK846R	981
FK848R	982
FK850R	981
FK854R	989
FK855R	989
FK863R	989
FK864R	989
FK900B	897
FK900R	897
FK901B	897
FK901R	897
FK902B	897
FK902R	897
FK903B	897
FK903R	897
FK904B	897
FK904R	897
FK905B	897
FK905R	897
FK906B	897
FK906R	897
FK907B	897
FK907R	897
FK908B	897
FK908R	897
FK909B	897
FK909R	897
FK910B	897
FK910R	897
FK913B	897
FK913R	897
FK914B	897
FK914R	897
FK915B	897
FK915R	897
FK916B	897
FK916R	897
FK917B	897
FK917R	897
FK919R	897
FK920R	897
FK921R	897
FK922R	897
FK925B	897
FK925R	897
FK926B	897
FK926R	897
FK927B	897
FK927R	897
FK928B	897
FK928R	897
FK930R	898
FK931R	898
FK932R	898
FK933R	898
FK934R	898
FK936R	898
FK937R	898
FK938R	898
FK939R	898
FK940R	898
FK943R	898
FK944R	898
FK945R	898
FK946R	898
FK948B	896
FK948R	896
FK949B	896
FK949R	896
FK950B	896
FK950R	896
FK951B	896
FK951R	896
FK952B	896
FK952R	896
FK953B	896
FK953R	896
FK954R	896
FK955R	896
FK956R	896
FK957R	896
FK958R	896
FK959R	896
FK961B	897
FK961R	897
FK962B	897
FK962R	897
FK963B	897
FK963R	897
FK964B	897
FK964R	897
FK965B	897
FK965R	897
FL010	994
FL011	994
FL034	992
FL035R	992
FL036R	992
FL037	992
FL038R	992
FL039R	992
FL044R	993
FL045R	994
FL047	994
FL055R	995
FL059R	996
FL060R	995
FL062	994
FL064R	994
FL065	994
FL066R	996
FL068C	996
FL069C	996
FL070S	995
FL090R	997
FL091R	997
FL092R	997
FL093R	997
FL094R	997
FL095R	997
FL096R	997
FL097R	997
FL098R	997
FL101R	1001
FL102R	1001
FL104R	1001
FL106R	1001
FL108R	1001
FL109R	1001
FL110R	999
FL112R	999
FL114R	999
FL116R	999
FL118R	999
FL120R	999
FL122R	999
FL124R	999
FL126R	999
FL128R	999
FL130R	999
FL132R	999
FL134R	999
FL136R	999
FL138R	999
FL144R	998
FL146R	998
FL148R	998
FL153R	998
FL173R	1000
FL174R	1000
FL175R	1000
FL176R	1000
FL183R	1000
FL184R	1000
FL185R	1000
FL186R	1000
FL187R	1000
FL213R	1000
FL214R	1000
FL215R	1000

Numerischer Index – Numerical Index
FL - FM

Art. Nr. / Cat. No.	Seite / Page
FL216R	1000
FL223R	1000
FL224R	1000
FL225R	1000
FL226R	1000
FL227R	1000
FL343R	1001
FL345R	1001
FL347R	1001
FL380R	1007
FL381R	1007
FL382R	1007
FL383R	1007
FL384R	1007
FL390R	1007
FL391R	1007
FL392R	1007
FL393R	1007
FL394R	1007
FL401R	1008
FL402R	1008
FL403R	1008
FL405R	1008
FL406R	1008
FL407R	1008
FL408R	1008
FL411R	1008
FL412R	1008
FL413R	1008
FL415R	1008
FL416R	1008
FL417R	1008
FL418R	1008
FL420R	1008
FL423R	1010
FL430R	1010
FL437R	1009
FL438R	1009
FL439R	1009
FL440R	1009
FL441R	1009
FL443R	1009
FL445R	1009
FL503R	1003
FL504R	1003
FL505R	1003
FL506R	1003
FL507R	1003
FL512R	1003
FL513R	1003
FL514R	1003
FL515R	1003
FL516R	1003
FL517R	1003
FL523R	1003
FL524R	1003
FL525R	1003
FL526R	1003
FL527R	1003
FL553R	1003
FL554R	1003
FL555R	1003
FL556R	1003
FL557R	1003
FL573R	1003
FL574R	1003
FL575R	1003
FL576R	1003
FL577R	1003
FL583R	1003
FL585R	1003
FL650R	1005
FL651R	1005
FL652R	1005
FL653R	1005
FL654R	1005
FL655R	1005
FL656R	1005
FL658R	1005
FL659R	1005
FL660R	1005
FL661R	1005
FL662R	1005
FL665R	1006
FL666R	1006
FL668R	1006
FL670R	1006
FL672R	1006
FL682R	1006
FL685R	1006
FL686R	1006
FL687R	1006
FL701R	1008
FL702R	1008
FL711R	998
FL781R	1005
FL783R	1005
FL785R	1005
FL788R	1005
FL789R	1005
FL790R	1005
FM001R	141
FM002R	141
FM003R	141
FM004R	141
FM005R	141
FM006R	141
FM010R	55
FM011R	55
FM012R	55
FM013R	55
FM014R	55
FM021R	285
FM033R	142
FM034R	142
FM035R	142
FM036R	142
FM040R	55
FM041R	55
FM042R	60, 768
FM043R	60, 768
FM047R	769
FM053R	150, 755
FM054R	150, 755
FM061R	285
FM063R	150, 755
FM218R	289, 759
FM221R	289, 759
FM223R	289, 759
FM228R	289, 759
FM230R	289, 759
FM236R	297, 767
FM276R	297, 767
FM388R	287, 774
FM390R	287, 774
FM392R	772
FM398R	772
FM430R	57, 747
FM431R	57, 747
FM432R	57, 747
FM433R	57, 747
FM434R	57, 747
FM435R	57, 747
FM436R	57, 747
FM437R	57, 747
FM438R	57, 747
FM439R	57, 747
FM440R	57, 747
FM441R	57, 747
FM442R	57, 747
FM444R	57, 747
FM451R	57, 747
FM452R	57, 747
FM453R	57, 747
FM454R	57, 747
FM455R	57, 747
FM470R	57, 747
FM471R	57, 747
FM472R	57, 747
FM473R	57, 747
FM474R	57, 747
FM476R	59, 749
FM477R	59, 749
FM478R	59, 749
FM479R	59, 749
FM480R	59, 749
FM481R	59, 749
FM482R	59, 749
FM483R	59, 749
FM484R	59, 749
FM485R	59, 749
FM486R	59, 749
FM488R	59, 749
FM489R	59, 749
FM490R	59, 749
FM491R	59, 749
FM492R	59, 749
FM493R	59, 749
FM503R	59, 749
FM504R	59, 749
FM505R	59, 749
FM506R	59, 749
FM507R	59, 749
FM508R	59, 749
FM520R	289, 759
FM521R	289, 759
FM522R	289, 759
FM523R	289, 759
FM524R	289, 759
FM525R	289, 759
FM526R	289, 759
FM527R	289, 759
FM528R	289, 759
FM529R	289, 759
FM530R	289, 759
FM531R	289, 759
FM532R	289, 759
FM533R	289, 759
FM534R	291, 761
FM535R	291, 761
FM536R	291, 761
FM537R	291, 761
FM538R	291, 761
FM539R	291, 761
FM540R	293, 763
FM541R	293, 763
FM542R	293, 763
FM543R	293, 763
FM544R	293, 763
FM545R	293, 763
FM546R	293, 763
FM547R	293, 763
FM548R	293, 763
FM549R	293, 763
FM550R	295, 765

Art. Nr. / Cat. No.	Seite / Page
FM551R	295, 765
FM552R	295, 765
FM553R	295, 765
FM554R	295, 765
FM555R	295, 765
FM560R	296, 766
FM561R	296, 766
FM563R	289, 759
FM564R	289, 759
FM565R	289, 759
FM566R	289, 759
FM567R	289, 759
FM568R	289, 759
FM570R	145, 753
FM571R	145, 753
FM572R	145, 753, 769
FM573R	145, 753
FM574R	145, 753
FM575R	145, 753
FM576R	145, 753
FM577R	145, 753
FM578R	145, 753
FM579R	145, 753
FM580R	145, 753
FM581R	145, 753
FM582R	147, 755
FM583R	145, 753
FM584R	147, 755
FM585R	145, 753
FM586R	147, 755
FM587R	147, 755
FM588R	147, 755
FM589R	147, 755
FM590R	147, 755
FM591R	147, 755
FM592R	145, 753
FM593R	145, 753
FM594R	145, 753
FM595R	145, 753
FM596R	145, 753
FM597R	147, 755
FM598R	147, 755
FM599R	145, 753
FM600R	145, 753
FO100R	1017
FO105R	1015
FO106R	1015
FO108R	1015
FO110R	1017
FO111R	1017
FO112R	1016
FO113R	1014
FO115R	1014
FO116R	1015
FO117R	1014
FO118R	1015
FO119R	1014
FO120R	1018
FO123R	1016
FO124R	1016
FO125R	1016
FO127R	1018
FO130R	1018
FO135R	859, 1018
FO136R	859, 1018
FO140R	1019
FO141R	1019
FO143R	1019
FO144R	1022
FO145R	1022
FO146R	1022
FO148R	1021
FO150R	1020
FO151R	1020
FO153R	1016
FO158R	1021
FO159R	1021
FO160R	1024
FO161R	1024
FO162R	1024
FO169R	1023
FO170R	1023
FO171R	1023
FO172R	1023
FO173R	1023
FO180R	1023
FO181R	1023
FO182R	1023
FO183R	1023
FO190R	1025
FO191R	1025
FO192R	1025
FO193R	1025
FO199R	1025
FO216R	116
FO399R	1026
FO400R	1026
FO406R	1026
FO407R	1026
FO408R	1026
FO409R	1026
FO410R	1027
FO411R	1027
FO412R	1028
FO413R	1027
FO415R	1028
FO416R	1028
FO428R	1028
FO430R	1028
FO432R	1028
FO440R	1029
FO442R	1029
FO450R	1029
FO451R	1029
FO453R	1029
FO455R	1029
FO457R	1028
FO460R	1030
FO461R	1030
FO462R	1030
FO463R	1030
FO467R	1030
FO470R	1030
FO472R	1030
FO474R	1031
FO475R	1031
FO500R	1032
FO502R	1032
FO511R	1032
FO514R	1032
FO515R	1032
FO518R	1032
FO520R	1032
FO521R	1032
FO522R	1033
FO523R	1033
FO525R	1033
FO526R	1033
FO527R	1033
FO530R	1034
FO532R	1034
FO534R	1034
FO550R	1035
FO551R	1035
FO555R	860, 1036
FO566R	1036
FO570R	860, 1037
FO572R	860, 1037
FO599R	1026
FO601R	1038
FO602R	1038
FO604R	1038
FO610R	1040
FO611R	1040
FO612R	1040
FO614R	1040
FO620R	1039
FO622R	1039
FO624R	1039
FO626R	1039
FO632R	1039
FO634R	1039
FO636R	1039
FO640R	1040
FO641R	1040
FO645R	1041
FO646R	1041
FO647R	1041
FO648R	859, 1042
FO649R	859, 1042
FO800R	1043
FO801R	1043
FO807R	1043
FO808R	1043
FO810R	1043
FO816R	1043
FO820R	913
FO855R	1044
FO856R	1044
FO857R	1044
FO900R	1079
FO901R	1079
FO903R	1079
FO912R	1049
FO913R	1049
FO919	1049
FO920	1049
FO923R	1046
FO925R	1046
FO928R	1046
FO930R	1046
FO931R	1047
FO932R	1047
FO933R	1047
FO934R	1047
FO935R	1047
FO937R	1047
FO939R	1047
FO940R	1048
FO950R	194
FO951R	194
FR005R	1054
FR010R	1054
FR011R	1054
FR103R	1064
FR105R	1064
FR110R	1055
FR118R	1055
FR120R	1055
FR125R	1055
FR140R	1057
FR141R	1057
FR142R	1057

Numerischer Index – Numerical Index
GA - GK

Art. Nr. / Cat. No.	Seite / Page
GA031R	1054
GB020R	1006
GC002R	1054
GC004R	1054
GC006R	1054
GC007R	1054
GC008R	1054
GC009R	1054
GC010R	1054
GC012R	1054
GC013R	1054
GC014R	1054
GC016R	1054
GC391R	1054
GC395R	1054
GC397R	1054
GF350R	1095
GF351R	1095
GF352R	1095
GF353R	1095
GF354R	1095
GF355R	1095
GF360R	1102
GF361R	1102
GF362R	1102
GF363R	1102
GF364R	1102
GF365R	1102
GF370R	1102
GF371R	1102
GF372R	1102
GF373R	1102
GF374R	1102
GF375R	1102
GF380R	1102
GF381R	1102
GF382R	1102
GF383R	1102
GF384R	1102
GF385R	1102
GF704R	714, 1090
GF706R	714, 1090
GF708R	714, 1090
GF710R	714, 1090
GF712R	714, 1090
GF714R	714, 1090
GF719R	1090
GF720R	714, 1090
GF721	714, 1090
GF722	714, 1090
GF756R	1097
GF757R	1097
GF763R	1099
GF764R	1099
GF765R	1099
GF766R	1099
GF767R	1099
GF768R	1099
GF770R	1099
GF771R	1099
GF772R	1098, 1099
GF773R	1098, 1099
GF774R	1098, 1099
GF775R	1099
GF801C	1092
GF805C	1091
GF806C	1091
GF809C	1091
GF816C	1093
GF841	1092
GF860R	1093
GF862R	1093
GF867C	886, 1104
GF905R	1104
GF906R	1100
GF907R	1100
GF908R	1100
GF909R	1100
GF910R	1104
GF911R	1104
GF912R	1104
GF913R	1104
GF917R	1095
GF918R	1095
GF919R	1100
GF923R	1096
GF925R	1096
GF932R	1097
GF933R	1096
GF935R	1097
GF936R	1097
GF937R	1097
GF938R	1097
GF939R	1095
GF940R	1095
GF941R	1095
GF942R	1095
GF944R	885, 1093
GF946R	885, 1094
GF947R	885, 1094
GF948R	885, 1094
GF950C	725
GF954R	725
GF955R	725
GF956R	725
GF957	725
GF980R	1103
GH201	9
GH204	9
GH700	9
GH703	9
GH712	9
GH715	9
GK005R	516
GK006R	517
GK007R	516
GK008R	517
GK009R	517
GK010R	516
GK012R	516
GK013R	516
GK015R	517
GK016R	517
GK017R	517
GK033R	516
GK110R	509
GK111R	509
GK112R	509
GK113R	509
GK114R	509
GK115R	509
GK116R	509
GK117R	509
GK118R	509
GK121R	510
GK122R	510
GK123R	510
GK125R	511
GK127R	511
GK128R	511
GK129R	511
GK131R	512
GK132R	512
GK133R	512
GK140R	509
GK141R	509
GK142R	509
GK143R	509
GK144R	509
GK145R	509
GK146R	509
GK147R	509
GK148R	509
GK151R	510
GK152R	510
GK153R	510
GK155R	511
GK157R	511
GK164R	510
GK165R	510
GK174R	510
GK180	522
GK181	522
GK183	533
GK185	533
GK188	533
GK193	534
GK194	534
GK200	533
GK202	534
GK210	533
GK211	534
GK212	534
GK213	533
GK216	533
GK217	534
GK239	522
GK245	522
GK246	522
GK252Y	507
GK253Y	507
GK299	523
GK301R	514
GK303R	514
GK305R	514
GK307R	514
GK310R	514
GK315R	514
GK320R	514
GK321R	514
GK424R	512
GK550	521, 1105
GK595R	526
GK596R	526
GK597R	526
GK604R	527
GK605R	527
GK606R	527
GK624R	527
GK625R	527
GK680R	514
GK681R	514
GK683R	514
GK685R	528, 620
GK690R	523
GK700R	525
GK701R	525
GK703R	525
GK711R	525
GK713R	525
GK720R	523

Art. Nr. / Cat. No.	Seite / Page
GK722R	523
GK723R	523
GK730R	523
GK737R	518
GK738R	518
GK739R	518
GK807R	524
GK808R	524
GK809R	524
GK881R	528
GK882R	528
GK883R	528
GK884R	528
GK885R	528
GK886R	528
GK891R	529
GK892R	529
GK893R	529
GK894R	529
GK895R	529
GK896R	529
GN073	533
GN074	533
GN076	533
GN077	533
GN078	533
GN080	532
GN081	532
GN082	532
GN083	532
GN084	531
GN085	532
GN086	531
GN202	522
GN203	506, 513
GN204	522
GN205	506, 513
GN206	507
GN207	506
GN208	507
GN209	506
GN210	508
GN211	508
GN212	508
GN213	506
GN215	506
GN216	522
GN217	533
GN218	507
GN221	508
GN227	513
GN229	513
GN310	531
GT710	9
GT730	9
GT736	9
GT742	9
GT746	9
GT748	9
GT754	9
GT758	9
GT770	9
GT779	9
GT782	9
GT784	9
HF014R	11, 130
HF019R	11, 130
HF020R	11, 130
HF021R	11, 130
HF028R	11, 130
HF030R	11, 130
HF031R	11, 130
HF032R	11, 130
HF213R	12
HF234R	12
HF250R	12
HF266R	1079
HF400R	11, 130
HF409R	11, 130
HF514R	13
HF519C	13
HF520R	13
HF566R	13
JF112R	666
JF212R	665, 666
JF489R	665
JF905	665, 666
JF906R	665, 666
JF907R	665, 666
JF908R	665, 666
JF909R	665, 666
JF910R	665, 666
JF915R	665, 666
JG161R	664
JG170R	664
JG504R	1108
JG506R	1108
JG508R	1108
JG514R	1108
JG515R	1108
JG516R	1108
JG518R	1108
JG520R	1108
JG521R	1108
JG522R	1108
JG523R	1108
JG524R	1108
JG525R	1108
JG598	1113, 1115
JG600	1113, 1115
JG820R	1109
JG822R	1109
JG850R	19
KX108S	1063
KX110S	1063
KX112S	1063
KX114S	1063
KX115S	1063
KX116S	1063
KX118S	1063
KX120S	1063
KX121S	1063
KX125S	1063
KX245S	1063
KX248S	1063
KX250S	1063
KX255S	1063
KX260S	1063
KX261	1063
KX262	1063
KY002S	1065
KY003S	1065
KY004S	1065
KY005S	1065
KY006S	1065
KY007S	1065
KY008S	1065
KY009S	1065
KY010S	1065
KY012S	1065
KY015S	1065
KY100S	1065
KY201R	1066
KY202R	1066
KY203R	1066
KY204R	1066
KY205R	1066
KY206R	1066
KY220S	1065
KY225R	1065
LX002R	1059
LX008S	1058
LX010S	1058
LX012S	1058
LX014S	1058
LX015S	1058
LX016S	1058
LX017S	1058
LX018S	1058
LX020S	1058
LX022S	1058
LX025S	1058
LX030S	1058
LX032S	1058
LX034S	1058
LX035S	1058
LX036S	1058
LX038S	1058
LX040S	1058
LX042S	1058
LX045S	1058
LX047S	1058
LX098S	1059
LX100S	1059
LX108S	1059
LX110S	1059
LX112S	1059
LX114S	1059
LX115S	1059
LX116S	1059
LX117S	1059
LX118S	1059
LX120S	1059
LX122S	1059
LX125S	1059
LX128S	1059
LX130S	1059
LX132S	1059
LX134S	1059
LX135S	1059
LX136S	1059
LX137S	1059
LX138S	1059
LX140S	1059
LX142S	1059
LX145S	1059
LX146S	1059
LX149R	1068, 1075
LX150R	1077
LX152R	1077
LX156R	1074
LX157R	1074
LX158R	1076
LX159R	1076
LX162R	1075
LX163R	1077
LX164R	1078
LX165R	1078
LX170R	1069

Numerischer Index – Numerical Index
LX - OA

Art. Nr. / Cat. No.	Seite / Page
LX171R	1069
LX172R	1069
LX174R	1070
LX175S	1059
LX176R	1067
LX177R	1070
LX178R	1070
LX180S	1059
LX181R	1071
LX182R	1071
LX183R	1071
LX185R	1071
LX189R	1070
LX190R	1071
LX202S	1064
LX203R	1064
LX204R	1062
LX205R	1062
LX206R	1062
LX207R	1062
LX208R	1062
LX209R	1062
LX210R	1064
LX211R	1060
LX212R	1060
LX213R	1060
LX214R	1060
LX215R	1060
LX216R	1060
LX218R	1060
LX222R	1060
LX223R	1060
LX225C	1060
LX227R	1060
LX228R	1060
LX235R	1062
LX237R	1062
LX240R	1061
LX241R	1061
LX265C	1061
LX266	1061
LX267R	1061
LX269R	1061
LX310R	1014, 1062
LX505R	1082
LX522C	1082
LX548R	134, 1083
LX550R	135, 1083
LX552R	135, 1083
LX553R	135, 1083
LX556R	135, 1084
LX558R	135, 1084
LX565R	134, 1084
LX574R	1085
LX575R	1085
LX582R	1086
LX587R	1086
LX600R	1087
LX605R	1087
LX610R	1087
LX618R	1087
LX624R	1087
LX901S	1058
LX902S	1058
LX911S	1058
LX912S	1058
LX913S	1058
LX915S	1058
LX917S	1058
LX921S	1058
LX922S	1058
LX923S	1058
LX925S	1058
LX927S	1058
LX951S	1058
LX952S	1058
LX953S	1058
LX955S	1058
LX957S	1058
MB229R	221
MB238R	842
MB239R	842
MB245	848
MB246	848
MB247	848
MB248	848
MB249	848
MB250	848
MB251	848
MB252	848
MB253	848
MB254	848
MB256	848
MB257	848
MB258	848
MB259	848
MB260	848
MB261	848
MB262	848
MB263	848
MB264	848
MB265	848
MB275R	930
MB276R	930
MB277R	930
MB278R	930
MB279R	971
MB285R	217, 787
MB291R	170
MB454R	170
MB576R	1070
MB603R	344
MB613R	821
MB657R	1004
MB658R	1004
MB659R	1004
MB660R	1004
MB661R	1004
MB662R	1004
MB663R	1004
MB664R	1004
MB665R	1004
MB666R	1004
MB667R	1004
MB668R	1004
MB669R	1004
MB675R	1004
MB676R	1004
MB677R	1004
MB678R	1004
MB679R	1004
MB680R	1004
MB681R	1004
MB682R	1004
MB683R	1004
MB684R	1004
MB685R	1004
MB686R	1004
MB687R	1004
MB688R	1004
MB689R	1004
MB690R	1004
MB691R	1004
MB692R	1004
MB693R	1004
MB694R	1004
MB750R	798
MB751R	798
MB785R	404
MB872R	987
MB873R	987
MB874R	987
MB875R	987
MB876R	987
MB877R	987
MB878R	987
MB879R	987
MB880R	987
MD076	428
MD077	428
MD124R	1096
MD125R	1096
MD127R	1096
MD129R	1096
MD452R	18
MD453R	18
MD454R	18
MD455	1025
MD456R	312, 1068
MD463	173
MD464	224
MD465R	224
MD466R	224
MD467R	224
MD468	224
MD469	224
MD470	545, 835
MD497	386
MD563	945
MD568	538
MD569	245
MD570R	245
MD581	362
MD591	262
MD592	262
MD615	1031
MD617	1029
ND087R	912
ND105R	1010
ND108R	1010
ND109R	1010
ND118R	1011
ND120R	1011
ND121R	1011
ND122R	1011
ND123R	1011
ND124R	1011
ND125R	1011
OA200R	458
OA218R	458
OA225R	458
OA310R	373
OA311R	373
OA312R	373
OA313R	373
OA314R	373
OA332R	360
OA333R	360
OA334R	360
OA335R	360
OA336R	360
OA337R	360

Art. Nr. / Cat. No.	Seite / Page
OA338R	360
OA340R	373
OA351R	362
OA357R	356
OA358R	356
OA359R	356
OB510	347
OB511	347
OB512	347
OB513	347
OB514	347
OC020R	152
OC021R	152
OC022R	152
OC024R	171
OC025R	171
OC026R	171
OC051R	168
OC069R	151
OC091R	168
OC094R	168
OC100R	170
OC415R	76
OC430R	77
OC461R	49
OC480R	48
OC482R	48
OC485R	48
OC486R	48
OC491R	49
OC492R	49
OC496R	49
OC497R	49
OC498R	48
OC499R	48
OC500R	48
OF001N	6
OF002N	6
OF003N	6
OF004N	6
OF005N	6
OF006N	6
OF010N	6
OF031N	6
OF033N	6
OF090	2
OF237	1099
OF238	1100
OF239	1100
OF257R	348
OF259R	348
OF261R	348
OF262R	348
OF282R	356
OF283R	356
OF284R	356
OF285R	356
OF288R	356
OF760R	892
OF768R	892
OG164R	962
OG165R	962
OG950R	1098
OG951R	1098
OG960R	1098
OG961R	1098
OG962R	1098
OG963R	1098
OG964R	1098
OG969R	1098
OG970R	1098
OG971R	1098
OG972R	1098
OG973R	1098
OG974R	1098
OK093R	570
OK365R	77
OK366R	78
OK367R	77
OK368R	77
OK369R	77
OK372R	77
OK373R	77
OK374R	76
OK378R	1038
OK503R	900
OK505R	899
OK506R	899
OK507R	899
OK508R	899
OK509R	899
OK520R	899
OK521R	899
OK522R	899
OK525R	901
OK526R	901
OK536R	900
OK537R	900
OK538R	901
OK711R	892
OK712R	892
OK737R	894
OK740R	893
OK741R	893
OK742R	893
OK745R	894
OK794R	463
OK795R	463
OK900	598
OL011R	165
OL102R	32
OL104R	32
OL114R	32
OL155R	965
OL157R	969
OL160R	849, 963
OL162R	963
OL163R	963
OL164R	964
OL165R	849, 965
OL166R	965
OL168R	1103
OL170R	964
OL171R	964
OL177R	1103
OL179R	965
OL187R	1101
OL189R	515
OL192R	960
OL195R	1103
OL196R	1103
OL198R	963
OL201R	372
OL202R	370
OL206R	363
OL207R	363
OL211R	373
OL212R	373
OL219R	383
OL220R	383
OL221R	385
OL294R	1001
OL296R	1001
OL298R	1001
OL299R	1001
OL300R	1001
OL301R	1001
OL302R	1001
OL303R	1001
OL304R	1001
OL307R	1001
OL311R	998
OL314R	998
OL316R	998
OL341R	999
OL342R	999
OL343R	999
OL401R	978
OL403R	978
OL405R	979
OL406R	979
OL407R	978
OL408R	978
OL409R	978
OL410R	978
OL411R	978
OL412R	978
OL421R	979
OL423R	979
OL425R	979
OL427R	979
OL429R	979
OL601R	361
OL602R	361
OL603R	361
OL610R	361
OL611R	362
OL612R	362
OL614R	363
OL615R	361
OL616R	361
OL617R	361
OL619R	361
OL620R	362
OL621R	361
OL622R	362
OL623R	362
OL624R	362
OL626R	361
OL627R	361
OL652R	33
OL653R	33
OL654R	33
OL656R	33
OL657R	33
OL670R	33
OM010	14
OM015R	14
OM030R	14
OM044R	14
OM047R	15
OM048R	15
OM049R	15
OM078R	5
OM079R	5
OM080R	5
OM081R	5
OM082R	5
OM083R	5

Numerischer Index – Numerical Index
OM - XF

Art. Nr. / Cat. No.	Seite / Page
OM084R	5
OM085R	5
OM086R	5
OM087R	5
OM088R	5
OM089R	5
OM090R	5
OM202R	4, 348
OM203R	4
OM205R	4
OM208R	4
OM251R	378
OM252R	378
OM253R	378
OM307R	930
OM308R	930
OM309R	960
OM311R	961
OM314R	961
OM315R	961
OM485R	185
OM487R	351
OM488	347
OM489R	68
OM602R	197, 678
OM670R	1103
OM671R	1094
OM672R	1101
OM680R	31
OM681R	31
OP030R	1102
OP031R	1102
OP130R	116
OP151R	581, 704, 705
OP152R	705
OP160R	705
OP161R	705
OP222R	705
OP223R	705
OP230R	705
OP360R	1102
OP361R	1102
OP362R	1102
OP801	576
PL561T	744
PL565T	738
PL566T	738
PL567T	740
PL568T	742
SF462	587
SF818R	587
SF835	587
SF836	587
SR421R	855
SR428R	634
SR580R	721
TE749R	478, 479
US100	489
US100201	489
US100202	489
VC100R	584
VC101R	584
XF830	533

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