

# Aesculap® Veterinary Osteosynthesis

Implants, Instruments and Set Configurations

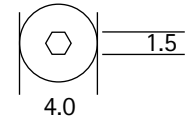
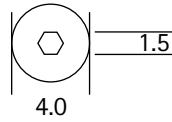
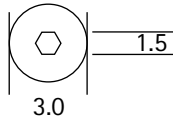




# Aesculap® Veterinary Osteosynthesis

Bone Screws





### Cortical Screw | 1.5 mm

Core diameter 1.0 mm | Screw diameter 1.5 mm  
Hexagonal socket 1.5 mm | Head diameter 3.0 mm

Length mm	standard	self-tapping
6	VB161S	VC161S
7	VB162S	VC162S
8	VB163S	VC163S
9	VB164S	VC164S
10	VB165S	VC165S
11	VB166S	VC166S
12	VB167S	VC167S
14	VB168S	VC168S
16	VB169S	VC169S
18	VB170S	VC170S
20	VB171S	VC171S

### Cortical Screw | 2.0 mm

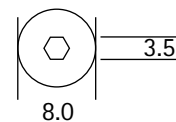
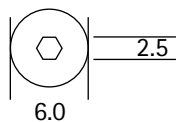
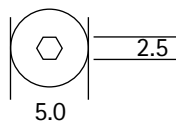
Core diameter 1.3 mm | Screw diameter 2.0 mm  
Hexagonal socket 1.5 mm | Head diameter 4.0 mm

Length mm	standard	self-tapping
6	VB421S	VC421S
7		
8	VB423S	VC423S
9		
10	VB425S	VC425S
11		
12	VB427S	VC427S
14	VB428S	VC428S
16	VB429S	VC429S
18	VB430S	VC430S
20	VB431S	VC431S
22	VB432S	VC432S
24	VB433S	VC433S
26	VB434S	VC434S
28	VB435S	VC435S
30	VB436S	VC436S
32	VB437S	VC437S
34	VB438S	VC438S
36	VB439S	VC439S
38	VB440S	VC440S

### Cortical Screw | 2.4 mm

Core diameter 1.7 mm | Screw diameter 2.4 mm  
Hexagonal socket 1.5 mm | Head diameter 4.0 mm

Length mm	standard	self-tapping
6	VB471S	VC471S
7		
8	VB473S	VC473S
9		
10	VB475S	VC475S
11		
12	VB477S	VC477S
14	VB478S	VC478S
16	VB479S	VC479S
18	VB480S	VC480S
20	VB481S	VC481S
22	VB482S	VC482S
24	VB483S	VC483S
26	VB484S	VC484S
28	VB485S	VC485S
30	VB486S	VC486S
32	VB487S	VC487S
34	VB488S	VC488S
36	VB489S	VC489S
38	VB490S	VC490S
40	VB491S	VC491S



### Cortical Screw | 2.7 mm

Core diameter 1.9 mm | Screw diameter 2.7 mm  
Hexagonal socket 2.5 mm | Head diameter 5.0 mm

Length mm	standard	self-tapping
6	VB531S	VC531S
7		
8	VB533S	VC533S
9		
10	VB535S	VC535S
11		
12	VB537S	VC537S
14	VB538S	VC538S
16	VB539S	VC539S
18	VB540S	VC540S
20	VB541S	VC541S
22	VB542S	VC542S
24	VB543S	VC543S
26	VB544S	VC544S
28	VB545S	VC545S
30	VB546S	VC546S
32	VB547S	VC547S
34	VB548S	VC548S
36	VB549S	VC549S
38	VB550S	VC550S
40	VB551S	VC551S

### Cortical Screw | 3.5 mm

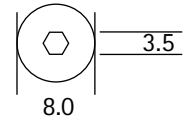
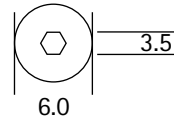
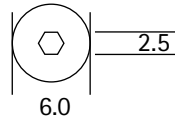
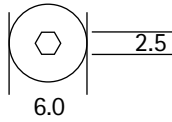
Core diameter 2.4 mm | Screw diameter 3.5 mm  
Hexagonal socket 2.5 mm | Head diameter 6.0 mm

Length mm	standard	self-tapping
6		
7		
8	VB563S	VC563S
9	VB564S	VC564S
10	VB565S	VC565S
11		
12	VB567S	VC567S
14	VB568S	VC568S
16	VB569S	VC569S
18	VB570S	VC570S
20	VB571S	VC571S
22	VB572S	VC572S
24	VB573S	VC573S
26	VB574S	VC574S
28	VB575S	VC575S
30	VB576S	VC576S
32	VB577S	VC577S
34		
36	VB579S	VC579S
38		
40	VB581S	VC581S
45		
50	VB583S	VC583S

### Cortical Screw | 4.5 mm

Core diameter 3.0 mm | Screw diameter 4.5 mm  
Hexagonal socket 3.5 mm | Head diameter 8.0 mm

Length mm	standard
14	LA114S
16	LA116S
18	LA118S
20	LA120S
22	LA122S
24	LA124S
26	LA126S
28	LA128S
30	LA130S
32	LA132S
34	LA134S
36	LA136S
38	LA138S
40	LA140S
42	LA142S
44	LA144S
46	LA146S
48	LA148S
50	LA150S
52	LA152S
54	LA154S
56	LA156S
58	LA158S
60	LA160S



### Cancellous screw 3.5 mm

Core diameter 1.9 mm  
Screw diameter 3.5 mm  
Hexagonal socket 2.5 mm  
Head diameter 6.0 mm  
Thread pitch 1.75 mm

Length mm	standard
10	LB050S
12	LB052S
14	LB054S
16	LB056S
17	LB057S
18	LB058S
19	LB059S
20	LB060S
21	LB061S
22	LB062S
23	LB063S
24	LB064S
25	LB065S
26	LB066S
27	LB067S
28	LB068S
30	LB070S
32	LB072S
36	LB076S
40	LB080S

### Cancellous screw part threaded | 4.0 mm

Core diameter 1.9 mm  
Screw diameter 4.0 mm  
Hexagonal socket 2.5 mm  
Head diameter 6.0 mm  
Thread pitch 1.75 mm

Length mm	standard
10	LB250S
12	LB252S
14	LB254S
16	LB256S
18	LB258S
20	LB260S
22	LB262S
24	LB264S
26	LB266S
28	LB268S
30	LB270S
35	LB275S
40	LB280S
45	LB285S
50	LB290S
55	LB295S
60	LB300S

### Cancellous screw 4.0 mm

Core diameter 1.9 mm  
Screw diameter 4.0 mm  
Hexagonal socket 3.5 mm  
Head diameter 6.0 mm  
Thread pitch 1.75 mm

Length mm	standard
10	LB350S
12	LB352S
14	LB354S
16	LB356S
18	LB358S
20	LB360S
22	LB362S
24	LB364S
26	LB366S
28	LB368S
30	LB370S
32	LB372S
35	LB375S
40	LB380S
45	LB385S
50	LB390S
55	LB395S
60	LB400S

### Malleolar screw 4.5 mm

Core diameter 3.0 mm  
Screw diameter 4.5 mm  
Hexagonal socket 3.5 mm  
Head diameter 8.0 mm  
Thread pitch 1.75 mm

Length mm	standard
20	LA220S
25	LA225S
30	LA230S
35	LA235S
40	LA240S
45	LA245S
50	LA250S
55	LA255S
60	LA260S
65	LA265S
70	LA270S
80	LA280S







### Washer

LA195S | Ø 7.0 mm



LA197S | Ø 11.0 mm



	Shaft	Mini Fragment Screw corticalis		Small Fragment Screw corticalis			Large Fragment Screw corticalis		Small Fragment Screw cancellous	
		1.5	2.0	2.4	2.7	3.5	4.5	4.5 malleolar	3.5	4.0
		1.1	1.5	1.8	2.0	2.5	3.2		2.0	
Drills for core hole	Dental	GC461R GC481R	GC462R GC482R		GC464R GC484R				GC464R	
	AO	VC030R	VC031R	VC032R	VC033R	VC035R	GC319R		VC033R	
	Square	GC410R	GC412R		GC414R	GC415R	GC419R		GC414R	
	Round		GC002R		GC004R	GC006R	GC009R		GC004R	
		1.5	2.0	2.4	2.7	3.5	4.5		3.5	4.0
Drills for through hole	Dental	GC462R GC482R	GC464R GC484R		GC486R					
	AO	VC031R	VC033R	VC034R	VC036R	VC037R	GC323R		VC037R	
	Square	GC412R	GC414R		GC416R	GC420R	GC423R		GC420R	
	Round	GC002R	GC004R		GC007R	GC010R	GC013R		GC010R	GC012R
		1.5	2.0	2.4	2.7	3.5	4.5		3.5	4.0
Taps	Dental	GC437R	GC438R							
	AO	VC040R	VC041R	VC042R	VC043R	VC044R	GC344R		GC340R	GC346R
	Square				GC439R	GC441R	GC444R		GC440R	GC446R
										
Countersinks	Dental	GC431R								
	AO				GC332R		GC335R GC334R		GC332R	
	Square				GC432R		GC435R GC434R		GC432R	
	Round									
		SW 1.5		SW 2.5			SW 3.5		SW 2.5	
Screw drivers	with handle	LS005R		LS002R			LS001R/LS003R		LS002R	
	Dental	GC458R								
	Square				GC455R		GC454R		GC455R	
	AO				GC355R		GC354R		GC355R	
										
Screw depth gauges		LS042R		LS044R			LS047R		LS044R	





# Aesculap® Veterinary Osteosynthesis


## Bone Plates



## Mini DC-plate | 1.5 – 2.0 mm

Recommended screws 1.5 mm/2.0 mm diameter

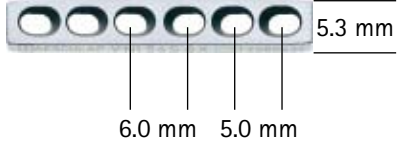
Plate width 5.0 mm | Distance between holes 5.0 mm | Central bar 5.0 mm

Art. No.	Hole	Length mm	Plate thickness 1.0 mm
VN144S	4	20	
VN145S	5	25	
VN146S	6	30	
VN147S	7	35	
VN148S	8	40	

## Mini DC-plate | 2.0 mm

Recommended screws 2.0 mm diameter

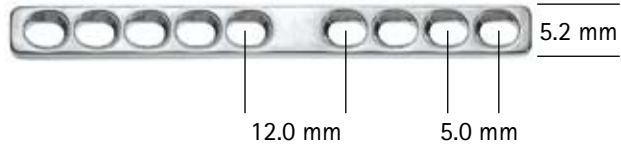
Plate width 5.3 mm | Distance between holes 5.0 mm | Central bar 6.0 mm

Art. No.	Hole	Length mm	Plate thickness 2.0 mm
VN154S	4	22	
VN155S	5	27	
VN156S	6	32	
VN157S	7	37	
VN158S	8	42	
VN159S	9	47	
VN160S	10	52	
VN161S	11	57	
VN162S	12	62	
VN163S	13	67	
VN164S	14	72	
VN165S	15	77	
VN166S	16	82	
VN167S	17	87	
VN168S	18	92	

## Mini DC-plate Meyer-Lindenberg type | 2.0 mm

Recommended screws 2.0 mm diameter

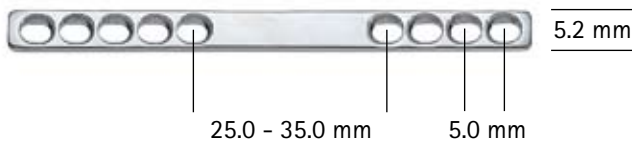
Plate width 5.2 mm | Distance between holes 5.0 mm | Central bar 12.0 mm

Art. No.	Hole	Length mm	Plate thickness 2.0 mm
LN939S	9	52	
LN940S	10	58	
LN942S	12	67	
LN944S	14	77	
LN946S	16	87	
LN948S	18	97	

## Mini lengthening plate Meyer-Lindenberg type | 2.0 mm

Recommended screws 2.0 mm diameter

Plate width 5.2 mm | Distance between holes 5.0 mm | Central bar 25.0 mm – 35.0 mm

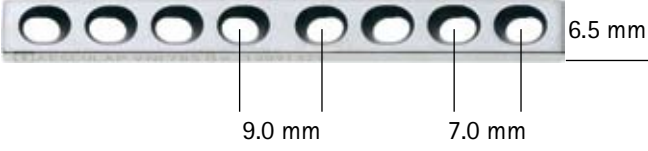
Art. No.	Hole	Length mm	Plate thickness 2.0 mm
LN956S	6	52	
LN957S	7	57	
LN959S	9	67	
LN960S	10	72	
LN962S	12	82	
LN964S	14	92	
LN966S	16	102	
LN968S	18	112	
LN972S	6 + 6	92	
LN973S	6 + 6	102	
LN974S	6 + 6	112	

## Small fragment DC-plate | 2.4 mm

Recommended screws 2.4 mm diameter | also for screws 2.0 mm and 2.7 mm diameter

Plate width 6.5 mm | Distance between holes 7.0 mm | Central bar 9.0 mm

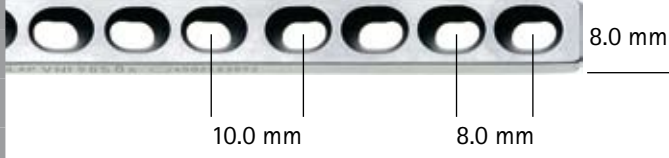
**New**

Art. No.	Hole	Length mm	Plate thickness 2.3 mm
VN174S	4	31	
VN175S	5	38	
VN176S	6	45	
VN177S	7	52	
VN178S	8	59	
VN179S	9	66	
VN180S	10	73	
VN181S	11	80	
VN182S	12	87	
VN183S	13	94	
VN184S	14	101	
VN185S	15	108	
VN186S	16	115	

## Small fragment DC-plate | 2.7 mm

Recommended screws 2.7 mm diameter

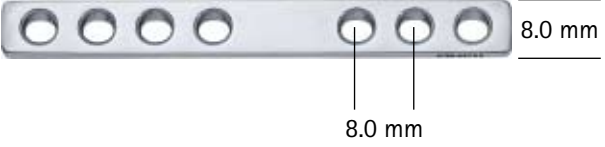
Plate width 8.0 mm | Distance between holes 8.0 mm | Central bar 10.0 mm

Art. No.	Hole	Length mm	Plate thickness 2.5 mm
VN194S	4	36	
VN195S	5	44	
VN196S	6	52	
VN197S	7	60	
VN198S	8	68	
VN199S	9	76	
VN200S	10	84	
VN201S	11	92	
VN202S	12	100	
VN203S	13	108	
VN204S	14	116	

## Small fragment lengthening plate Schuster type | 2.7 mm

Recommended screws 2.7 mm diameter


Plate width 8.0 mm | Distance between holes 8.0 mm

Art. No.	Hole	Length mm	Plate thickness 2.5 mm
LN975S	7	70	
LN976S	7	80	
LN977S	7	80	
LN980S	8	90	
LN981S	8	90	
LN983S	8	110	
LN984S	8	120	

## Small fragment DC-plate | 3.5 mm

Recommended screws 3.5 mm diameter

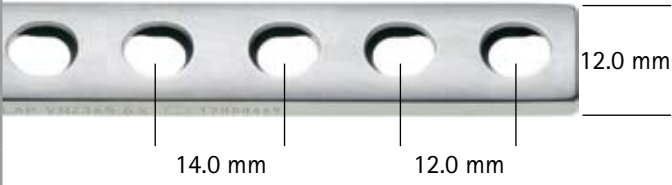
Plate width 10.0 mm | Distance between holes 12.0 mm | Central bar 14.0 mm

Art. No.	Hole	Length mm	Plate thickness 3.0 mm
VN214S	4	50	
VN215S	5	62	
VN216S	6	74	
VN217S	7	86	
VN218S	8	98	
VN219S	9	110	
VN220S	10	122	
VN221S	11	134	
VN222S	12	146	
VN224S	14	170	

## Large fragment DC-plate broad | 3.5 mm

Recommended screws 3.5 mm diameter

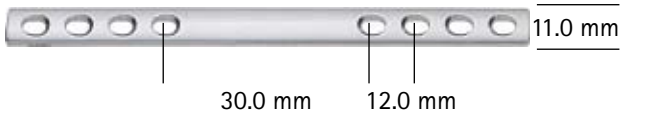
Plate width 12.0 mm | Distance between holes 12.0 mm | Central bar 14.0 mm

Art. No.	Hole	Length mm	Plate thickness 4.0 mm
VN236S	6	74	
VN237S	7	86	
VN238S	8	98	
VN239S	9	110	
VN240S	10	122	
VN241S	11	134	
VN242S	12	146	
VN244S	14	170	

## Lengthening plate Hannover type | 3.5 mm

Recommended screws 3.5 mm diameter

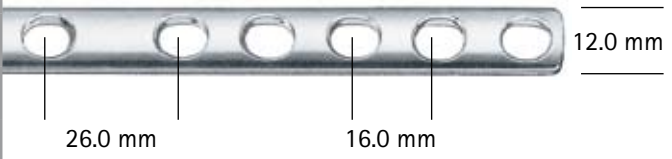
Plate width 11.0 mm | Distance between holes 12.0 mm | Central bar 30.0 mm

Art. No.	Hole	Length mm	Plate thickness 3.3 mm
LN950S	8	135	
LN951S	8	145	
LN952S	8	155	
LN953S	8	165	

## Large fragment DC-plate | 4.5 mm

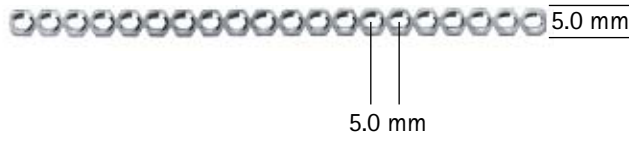
Recommended screws 4.5 mm diameter

Plate width 12.0 mm | Distance between holes 16.0 mm | Central bar 26.0 mm

Art. No.	Hole	Length mm	Plate thickness 4.0 mm
LM404S	4	71	
LM405S	5	87	
LM406S	6	103	
LM407S	7	119	
LM408S	8	135	
LM409S	9	151	
LM410S	10	167	
LM411S	11	183	
LM412S	12	199	
LM414S	14	247	
LM416S	16	263	


## Mini reconstructions plate | 2.0 mm

Recommended screws 2.0 mm diameter  
Plate width 5.0 mm | Distance between holes 5.0 mm

Art. No.	Hole	Length mm	Plate thickness 1.2 mm
LN278S	20	100	

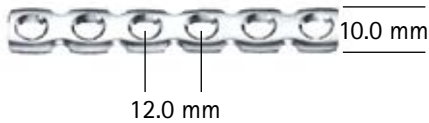
## Mini reconstructions plate | 2.7 mm

Recommended screws 2.7 mm diameter  
Plate width 8.0 mm | Distance between holes 8.0 mm

Art. No.	Hole	Length mm	Plate thickness 2.7 mm
LN166S	6	48	
LN168S	8	64	
LN170S	10	80	
LN172S	12	96	
LN174S	14	112	
LN176S	16	128	
LN178S	18	144	
LN180S	20	166	

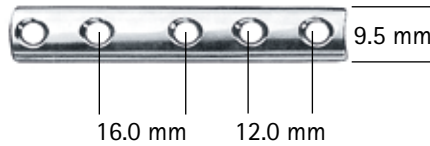
## Reconstructions plate | 3.5 mm

Recommended screws 3.5 mm/4.0 mm diameter  
Plate width 10.0 mm | Distance between holes 12.0 mm

Art. No.	Hole	Length mm	Plate thickness 2.5 mm
LN155S	5	58	
LN156S	6	70	
LN157S	7	82	
LN158S	8	94	

## One-third tubular plate | 3.5 mm


Recommended screws 3.5 mm diameter  
Plate width 9.5 mm | Distance between holes 12.0 mm | Central bar 16.0 mm

Art. No.	Hole	Length mm	Plate thickness 1.0 mm
LM304S	4	49	
LM305S	5	61	
LM306S	6	73	
LM307S	7	85	
LM308S	8	97	
LM309S	9	109	
LM310S	10	121	
LM312S	12	145	

## Mini T-plate | 2.0 mm

Recommended screws 2.0 mm diameter

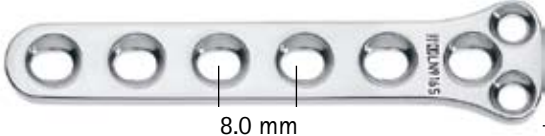
Plate width shaft 5.5 mm | Plate width head 10.9 mm

Art. No.	Hole	Length mm	Plate thickness 1.6 mm
LN903S	2 + 3	24	
LN904S	2 + 4	30	
LN905S	2 + 5	36	
LN906S	2 + 6	42	

## Phillips T-plate | 2.0 mm / 2.7 mm

Recommended screws 2.0 mm / 2.7 mm diameter

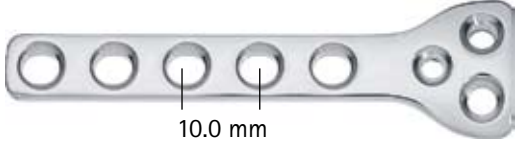
Plate width shaft 8.1 mm | Plate width head 12.5 mm

Art. No.	Hole	Length mm	Plate thickness 2.0 mm
LN914S	2 + 4	36	
LN915S	2 + 5	44	
LN916S	2 + 6	52	

## Hybrid T-plate Schuster type | 3.5 mm / 2.7 mm

Recommended screws 2.7 mm - 3.5 mm diameter

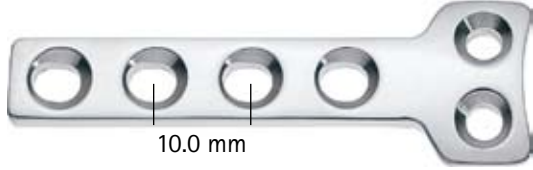
Plate width shaft 9.2 mm | Plate width head 20.9 mm

Art. No.	Hole	Length mm	Plate thickness 3.0 mm
LN923S	3 + 3	50	
LN924S	3 + 4	60	
LN925S	3 + 5	70	
LN926S	3 + 6	80	

## T-plate Schuster type | 3.5 mm

Recommended screws 3.5 mm diameter


Plate width shaft 9.0 mm | Plate width head 18.2 mm

Art. No.	Hole	Length mm	Plate thickness 3.0 mm
LN934S	2 + 4	55	
LN936S	2 + 6	75	

## T-plate Schuster type | 3.5 mm

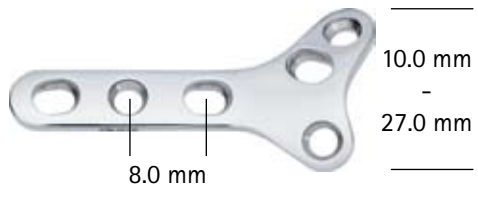
Recommended screws 3.5 mm diameter

Plate width shaft 12.3 mm | Plate width head 21.3 mm

Art. No.	Hole	Length mm	Plate thickness 3.5 mm
LN986S	2 + 6	83	
LN988S	2 + 8	107	
LN990S	2 + 10	131	


## TPLO plate | 3.5 mm

Recommended screws 3.5 mm diameter  
Plate width shaft 10.0 mm | Plate width head 27.0 mm

Art. No.	Hole	Length mm	Side	Plate thickness 3.0 mm
LN920S	6	51	left	
LN921S	6	51	right	


## TPLO plate broad | 3.5 mm

Recommended screws 3.5 mm diameter  
Plate width shaft 12.0 mm | Plate width head 33.0 mm

Art. No.	Hole	Length mm	Side	Plate thickness 3.0 mm
LN930S	6	65	left	
LN931S	6	65	right	


## Mini acetabulum plate with notches Hannover type | 2.0 mm

Recommended screws 2.0 mm diameter  
Plate width 5.0 mm

Art. No.	Hole	Length mm	Plate thickness 1.5 mm
LN992S	6	31	

## Mini acetabulum plate without notches Hannover type | 2.0 mm


Recommended screws 2.0 mm diameter  
Plate width 5.0 mm

Art. No.	Hole	Length mm	Plate thickness 1.5 mm
LN993S	6	31	




### Mini acetabulum plate without notches Hannover type | 2.7 mm

Recommended screws 2.7 mm diameter  
Plate width 8.0 mm

Art. No.	Hole	Length mm	Plate thickness 2.0 mm
LN997S	6	58	


### Acetabulum plate with notches Hannover type | 2.7 mm

Recommended screws 2.7 mm diameter  
Plate width 8.0 mm

Art. No.	Hole	Length mm	Plate thickness 2.0 mm
LN994S	4	46	
LN995S	5	53	
LN996S	6	58	

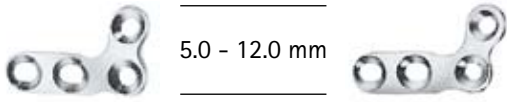
### Mini bone plate | 1.5 mm / 2.0 mm

Recommended screws 1.5 - 2.0 mm diameter  
Plate width 7.0 - 13.5 mm

Art. No.	Hole	Length mm	Plate thickness 1.0 mm
LN030S	4	9.0 x 8.2	
LN040S	4	12.0 x 10.8	

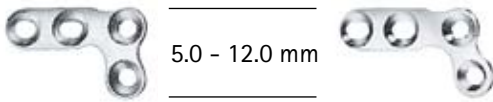
### Mini L-plate left | 2.0 mm

Recommended screws 2.0 mm diameter  
Plate width 5.0 - 12.0 mm

Art. No.	Hole	Length mm	Plate thickness 1.0 mm
LN221S	4	18	
LN223S	4	20	

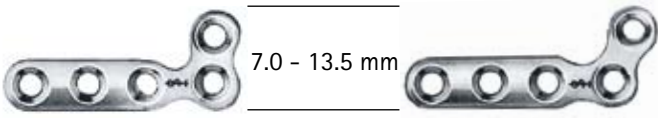
### Mini L-plate right | 2.0 mm

Recommended screws 2.0 mm diameter  
Plate width 5.0 - 12.0 mm

Art. No.	Hole	Length mm	Plate thickness 1.0 mm
LN222S	4	18	
LN224S	4	20	

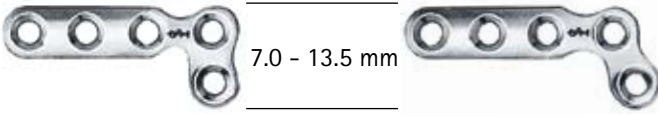
### Small L-plate left | 2.7 mm

Recommended screws 2.7 mm diameter  
Plate width 7.0 - 13.5 mm

Art. No.	Hole	Length mm	Plate thickness 1.0 mm
LN021S	5	32	
LN023S	5	34.5	


### Small L-plate right | 2.7 mm

Recommended screws 2.7 mm diameter  
Plate width 7.0 - 13.5 mm

Art. No.	Hole	Length mm	Plate thickness 1.0 mm
LN022S	5	32	
LN024S	5	34.5	


### Mini T-plate | 2.0 mm

Recommended screws 2.0 mm diameter  
Plate width 5.0 - 12.0 mm

Art. No.	Hole	Length mm	Plate thickness 1.0 mm
LN225S	4	18	


### Small T-plate | 2.7 mm

Recommended screws 2.7 mm diameter  
Plate width 7.0 - 13.5 mm

Art. No.	Hole	Length mm	Plate thickness 1.0 mm
LN025S	5	32	

### Multiple fragment plate | 2.7 mm / 3.5 mm

Recommended screws 2.7 mm / 3.5 mm diameter  
Plate width 15.0 mm

Art. No.	Hole	Length mm	Plate thickness 1.2 mm
LN027S	7	45	

# Aesculap® Veterinary Osteosynthesis

Boring Wires, Pins and Cerclage Wire



Boring Wires, Pins and  
Cerclage Wire



with Trocar point  
and round end



with Trocar point  
and flat end



with Trocar point  
on each end

### Kirschner Boring Wires

Point Shaft	Trocar round			Trocar flat		Trocar point on each end	
	70	150	310	150	310	150	310
Ø 0.8 mm	LX098S	LX128S		LX108S	LX008S		
Ø 0.9 mm						LX913S	LX917S
Ø 1.0 mm	LX100S	LX130S	LX030S	LX110S	LX010S		
Ø 1.1 mm						LX923S	LX927S
Ø 1.2 mm		LX132S	LX032S	LX112S	LX012S		
Ø 1.4 mm		LX134S	LX034S	LX114S	LX014S		
Ø 1.5 mm		LX135S	LX035S	LX115S	LX015S		
Ø 1.6 mm		LX136S	LX036S	LX116S	LX016S	LX953S	LX957S
Ø 1.7 mm		LX137S		LX117S	LX017S		
Ø 1.8 mm		LX138S	LX038S	LX118S	LX018S		
Ø 2.0 mm		LX140S	LX040S	LX120S	LX020S		
Ø 2.2 mm		LX142S	LX042S	LX122S	LX022S		
Ø 2.5 mm		LX145S	LX045S	LX125S	LX025S		
Ø 3.0 mm		LX146S	LX047S				



without thread



with positive center thread

## Steinmann Pins

Point	Trocar without thread			Trocar with positive center thread		
Shaft	triangular					
Ø	4.0 mm	4.5 mm	5.0 mm	4.0 mm	4.5 mm	5.0 mm
Length 100 mm	KX100S					
Length 150 mm	KX115S	KX225S	KX245S		KX325S	KX345S
Length 200 mm	KX120S	KX230S	KX250S	KX310S	KX330S	KX350S
Length 250 mm	KX125S	KX235S	KX255S			KX360S

## Cerclage Wire

Ø	Gauge	Length	Art. No.
0.4 mm	27	10 m	KY004S
0.5 mm	25	10 m	KY005S
0.6 mm	23	10 m	KY006S
0.7 mm	22	10 m	KY007S
0.8 mm	21	10 m	KY008S
0.9 mm	20	10 m	KY009S
1.0 mm	19	10 m	KY010S
1.2 mm	18	10 m	KY012S
1.5 mm	17	10 m	KY015S



## Ligatur Disc

KY100S
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# Aesculap® Veterinary Osteosynthesis

## Twist Drills and Taps





## Drill Bits

Ø	Dental Shaft		Square Shaft		A0-Shaft		Round Shaft	
	Art. No.	Length	Art. No.	Length	Art. No.	Length	Art. No.	Length
1.1	GC461R GC481R	65/28 38/23	GC410R	75/35	VC030R	60/35		
1.5	GC462R GC482R	75/53 38/23	GC412R	100/60	VC031R	85/60	GC002R	70/40
1.8					VC032R	105/75		
2.0	GC464R GC484R	90/58 38/23	GC414R	115/75	VC033R	100/75	GC004R	100/50
2.4					VC034R	105/75		
2.5			GC415R	115/75	VC035R	110/85	GC006R	100/50
2.7	GC486R	38/23	GC416R	115/75	VC036R	100/75	GC007R	100/60
3.2			GC419R	160/120	GC319R	150/120	GC008R	100/60
3.5			GC420R	130/90	VC037R	110/85	GC009R	100/60
3.8							GC010R	110/75
4.0							GC012R	110/70
4.5			GC423R	160/120	GC323R	150/120	GC013R	150/80
5.0							GC014R	160/90
6.0							GC016R	160/90



## Screw Driver Shaft Hexagonal

SW	Dental Shaft		Square Shaft		A0-Shaft	
	Art. No.	Length	Art. No.	Length	Art. No.	Length
1.5	GC458R	50				
2.5			GC455R	130	GC355R	130
3.5			GC454R	130	GC354R	130





## Taps

Ø	Dental Shaft		Square Shaft		A0-Shaft	
	Art. No.	Length	Art. No.	Length	Art. No.	Length
1.5	GC437R	50/20 38/20			VC040R	130/32
2.0	GC438R	54/24 38/20			VC041R	130/32
2.4					VC042R	130/32
2.7			GC439R	130/37	VC043R	130/32
3.5			GC441R	130/55	VC044R	130/50
3.5 cancellous			GC440R	130/70	GC340R	130/63
4.0			GC446R	130/60	GC346R	130/60
4.5			GC444R	130/70	GC344R	130/63



## Countersinks

Ø	Dental Shaft		Square Shaft		A0-Shaft	
	Art. No.	Length	Art. No.	Length	Art. No.	Length
1.5	GC431R	50				
2.0						
2.4						
2.7			GC432R	130	GC332R	130
3.5						
4.5					GC335R	



# Aesculap® Veterinary Osteosynthesis

Instruments for Osteosynthesis




## Drill Guide for self-compression plates

VC050R	neutral drill guide 1.5 mm	for screws 2.0 mm	
VC051R	load drill guide 1.5 mm		
VC052R	neutral drill guide 1.8 mm	for screws 2.4 mm	
VC053R	load drill guide 1.8 mm		
VC054R	neutral drill guide 2.0 mm	for screws 2.7 mm	
VC055R	load drill guide 2.0 mm		
VC056R	neutral drill guide 2.5 mm	for screws 3.5 mm	
VC057R	load drill guide 2.5 mm		
VC058R	handle for drill guide VC050R - VC057R		


## Drill Sleeves

VC060R	for drills 1.1 mm and 1.5 mm diameter		
VC061R	for drills 1.5 mm and 2.0 mm diameter		
VC062R	for drills 1.8 mm and 2.4 mm diameter		
VC063R	for drills 2.0 mm and 2.7 mm diameter		
VC064R	for drills 2.5 mm and 3.5 mm diameter		

## Insert Sleeves

	outside diameter	for drill diameter	
LS090R	3.5 mm	2.0 mm	
LS097R	3.5 mm	2.7 mm	
LS076S	4.5 mm	3.2 mm	

## Small point drill Guide

LS096R	
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## Bending Irons, Plate Bender

<p><b>VC068R</b> Bending lever Spies type for plates 2.3 mm – 4.0 mm 220 mm</p>	
<p><b>LS206R/LS207R</b> Bending iron for small plates 2.7 mm 140 mm</p>	 <p>3.5 mm 2.7 mm</p>
<p><b>LS200C</b> Bending iron for standard plates 250 mm</p>	 <p>4 mm 6 mm</p>
<p><b>LS201S</b> Bender for bending bone plates and intramedullary pins Jewett type 200 mm</p>	 <p>6 mm with internal bore: Ø 13 mm x 150 mm long</p>
<p><b>LS202S</b> Bender for bending bone plates and intramedullary pins Jewett type 200 mm</p>	 <p>6 mm Ø 3.5 mm Ø 6.5 mm Ø 4.0 mm Ø 8.0 mm</p>
<p><b>LS218R</b> Plate bending and contouring device</p>	
<p><b>LS205R</b> Bending pliers for mini plates</p>	
<p><b>LS203R</b> Bending iron for mini and reconstruction plates 160 mm</p>	 <p>2.2 mm</p>

**LS204S**

Bending iron for mini plates  
120 mm

**Bending templates**

Art. No.	No. of holes	Length mm
LS210	5	90
LS212	7	120
LS214	9	150
LS216	12	200
LS220	5	60
LS222	7	85
LS224	9	100
LS226	12	120

**Screw drivers****LS001R**

Screw driver with holding sheat for screws  
4.5 – 6.5 mm diameter with hexagon recess 3.5 mm  
200 mm

**LS003R**

Screw driver for screws 4.5 – 6.5 mm  
diameter with hexagon recess 3.5 mm  
200 mm

**LS002R**

Screw driver for screws 2.7 – 4.0 mm  
diameter with hexagon recess 2.5 mm  
200 mm

**LS005R**

Screw driver for screws 1.5 – 2.4 mm  
diameter with hexagon recess 1.5 mm  
120 mm






**LS007R**

Screw holding sleeve for screws 1.5 – 2.4 mm diameter



<p><b>LS008R</b> Screw holding sleeve for screws 2.7 – 4.5 mm diameter fits to LS002R</p>	
<p><b>LS059R</b> Screw driver for removal screws for hexagon recess 2.5 mm</p>	
<p><b>LS099R</b> Screw driver for removal screws for hexagon recess 3.5 mm</p>	

## Handles

<p><b>FR103R</b> Drilling chuck cannulated up to 4.5 mm diameter</p>	
<p><b>GC404R</b> Handle with quick action chuck for square shaft</p>	
<p><b>GC405R</b> T-bar handle for square shaft</p>	
<p><b>GC407R</b> Handle with quick action chuck for dental shaft</p>	
<p><b>GC475R</b> T-bar handle with quick action chuck for A0-shaft</p>	

**GC406R**

Handle with three jaw chuck for round shaft with 2.5 mm diameter



**LX202S**

T-bar drilling chuck for shanks up to 6.5 mm 150 mm



**LX203R**

T-bar drilling chuck for shanks up to 6.5 mm 160 mm



**Screw holding forceps**

**LS037R**

Screw holding forcep 100 mm



**LS040R**

Screw holding forcep for small screws 90 mm



**Depth gauges**

**LS042R**

Depth gauge for screws 1.5 – 2.4 mm



**LS044R**

Depth gauge for screws 2.7 – 4.0 mm











**LS047R**







Depth gauge for screws 4.5 – 6.5 mm



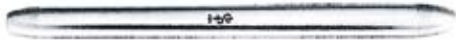






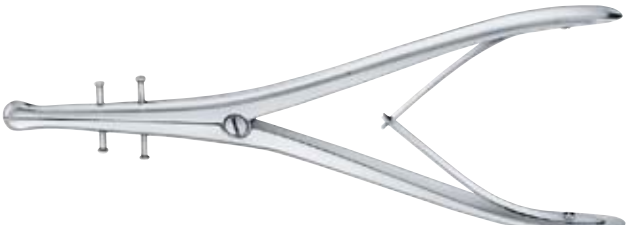




## Reposition and Holding Forceps

<p><b>VC070R</b>          Reposition forceps with stepped tips          modified          95 mm</p>	
<p><b>VC071R</b>          Reposition forceps modified          135 mm</p>	
<p><b>VC072R</b>          Reposition forceps modified          200 mm</p>	
<p><b>F0116R</b>          Reposition forceps          170 mm</p>	
<p><b>F0123R</b>          Forceps with ratchet fixation          140 mm</p>	
<p><b>F0124R</b>          Forceps with thread fixation          170 mm</p>	
<p><b>F0125R</b>          Forceps with thread fixation          235 mm</p>	
<p><b>F0106R</b>          Reposition forceps with drill guide for          Kirschner wires up to 1.0 mm diameter          170 mm</p>	

<p><b>F0169R – F0171R</b> Self centering forceps with thread fixation 145 mm. 190 mm. 240 mm</p>	
<p><b>F0180R</b> Bone holding forceps Verbrugge type 175 mm</p>	
<p><b>F0181R</b> Bone holding forceps with lip joint Verbrugge type 255 mm</p>	
<p><b>F0153R</b> Patella forceps 185 mm</p>	
<p><b>F0412R</b> Bone rongeur Luer type</p>	
<p><b>F0620R</b> Bone rongeur Liston type 140 mm</p>	

## Wire Extension




<p><b>LX175R</b> Bending iron for boring wires up to 2.7 mm diameter 120 mm</p>	
<p><b>LX180R</b> Bending iron for boring wires up to 3.0 mm diameter Wagner type 300 mm</p>	

<p><b>KY204R</b> Wire guide 240 mm</p>	
<p><b>KY205R</b> Wire guide 225 mm</p>	
<p><b>KY220S</b> Wire tightener with moveable tip for wires up to 1.0 mm diameter Loute type 220 mm</p>	
<p><b>KY225R</b> Wire tightener and twisting forceps 270 mm</p>	
<p><b>BM111R</b> Wire twister 175 mm</p>	
<p><b>LX172R</b> Wire holding forceps 190 mm</p>	
<p><b>LX174R</b> Vise grip 200 mm</p>	
<p><b>LX176R</b> Holding forceps with lateral jaws</p>	






<p><b>DP501R</b> Wire cutter up to 1.5 mm diameter</p>	
<p><b>DP505R</b> Wire cutter up to 1.5 mm diameter</p>	
<p><b>LX156R</b> Wire cutter up to 3.0 mm diameter</p>	
<p><b>LX159R</b> Wire cutter up to 2.0 mm diameter</p>	
<p><b>LX164R</b> Cutter up to 6.0 mm diameter</p>	
<p><b>LX165R</b> Cutter up to 3.0 mm diameter</p>	

## Mallets and Chisels

<p><b>FL036R</b> Mallet with interchangeable discs 135 g</p>	
<p><b>FL044R</b> Mallet Hajek type 135 g</p>	

<b>FL055R</b> Mallet Bergmann type 245 g			
<b>FL101R – FL109R</b> Osteomes Lambotte 4.0 mm – 15.0 mm width 125 mm long	<b>FL101R</b>	4 mm	
	<b>FL102R</b>	6 mm	
	<b>FL104R</b>	8 mm	
	<b>FL106R</b>	10 mm	
	<b>FL109R</b>	15 mm	
<b>FL441R – FL443R</b> Spongiosa gouges Lexer type 5.0 mm – 10.0 mm			

**Periosteal Elevators**

<b>FK317R</b> Periosteal Elevator 185 mm 3.0 mm			
<b>FK318R</b> Periosteal Elevator 190 mm 6.0 mm			
<b>FK319R</b> Periosteal Elevator 190 mm 6.0 mm			
<b>FK321R</b> Periosteal Elevator 190 mm 6.0 mm			
<b>FK323R</b> Periosteal Elevator 175 mm 13.0 mm			

**FK324R**

Periosteal Elevator 190 mm 14.0 mm



**FK300R**

Periosteal Elevator Williger type 160 mm 6.0 mm



## Bone Levers

**FK117R**

Bone lever 160 mm 6.0 mm



**FK113R**

Bone lever 150 mm 4.5 mm



**FK170R**

Bone lever 220 mm 16 mm



**FK171R**

Bone lever 240 mm 17 mm



**FK188R**

Bone lever 230 mm 43.0 mm



*Other instruments on request*

# Aesculap® Veterinary Osteosynthesis

## Osteosynthesis Sets



Art. No.	Number	Name	Hole	Length mm	Art. No.	Number	Name
VN144S	1	DC-plate 1.5	4	20	VC070R	1	Reposition forceps 95 mm
VN146S	1	DC-plate 1.5	6	30	VC071R	2	Reposition forceps 135 mm
VN148S	1	DC-plate 1.5	8	40	VC050R	1	Neutral drill guide 2.0
VN154S	1	DC-plate 2.0	4	22	VC051R	1	Compression drill guide 2.0
VN156S	1	DC-plate 2.0	6	32	VC052R	1	Neutral drill guide 2.4
VN158S	1	DC-plate 2.0	8	42	VC053R	1	Compression drill guide 2.4
VN160S	1	DC-plate 2.0	10	52	VC058R	1	Drill Guide handle
VN162S	1	DC-plate 2.0	12	62	VC060R	1	Drill sleeve 1.1 /1.5
VN176S	1	DC-plate 2.4	6	45	VC061R	1	Drill sleeve 1.5/2.0
VN178S	1	DC-plate 2.4	8	59	VC062R	1	Drill sleeve 1.8/2.4
VN180S	1	DC-plate 2.4	10	73	LS206R	1	Bending iron
VN182S	1	DC-plate 2.4	12	87	LS207R	1	Bending iron
VN184S	1	DC-plate 2.4	14	101	VC030R	1	Drill AO-shaft 1.1
VB161S	3	Screw	1.5 mm	6	VC031R	1	Drill AO-shaft 1.5
VB162S	3	Screw	1.5 mm	7	VC032R	1	Drill AO-shaft 1.8
VB163S	3	Screw	1.5 mm	8	VC033R	1	Drill AO-shaft 2.0
VB164S	3	Screw	1.5 mm	9	VC034R	1	Drill AO-shaft 2.4
VB165S	3	Screw	1.5 mm	10	GC437R	1	Tap dental shaft 1.5
VB166S	3	Screw	1.5 mm	11	GC438R	1	Tap dental shaft 2.0
VB167S	3	Screw	1.5 mm	12	VC042R	1	Tap AO Shaft 2.4
VB168S	3	Screw	1.5 mm	14	GC475R	1	T-handle AO-shaft
VB421S	3	Screw	2.0 mm	6	GC407R	1	Handle dental shaft
VB423S	3	Screw	2.0 mm	8	LS042R	1	Depth gauge
VB425S	3	Screw	2.0 mm	10	LS005R	1	Screw driver
VB427S	3	Screw	2.0 mm	12	LS007R	1	Screw holding sheath
VB428S	3	Screw	2.0 mm	14	VB408R	1	Screw rack
VB429S	3	Screw	2.0 mm	16	VB410R	1	Rack
VB430S	3	Screw	2.0 mm	18	VB411R	1	Rack
VB431S	3	Screw	2.0 mm	20	JN095R	1	Container
VB471S	3	Screw	2.4 mm	6	JF284200	1	Tray
VB473S	3	Screw	2.4 mm	8	JF148R	2	Mini tray
VB475S	3	Screw	2.4 mm	10	JK091	2	Sterile filter
VB477S	3	Screw	2.4 mm	12	JG381800	1	Lid for tray
VB478S	3	Screw	2.4 mm	14			
VB479S	3	Screw	2.4 mm	16			
VB480S	3	Screw	2.4 mm	18			
VB481S	3	Screw	2.4 mm	20			
VB482S	3	Screw	2.4 mm	22			
VB483S	3	Screw	2.4 mm	24			
VB484S	3	Screw	2.4 mm	26			
VB485S	3	Screw	2.4 mm	28			



Osteosynthesis Set Mini Fragments



Osteosynthesis Set Small Fragments / Large Fragments | 2.7 mm / 3.5 mm / 3.5 mm broad VB402

Art. No.	Number	Name	Hole	Length mm	Art. No.	Number	Name
VN196S	1	DC-plate 2.7	6	52	VC054R	1	Neutral drill guide 2.7
VN198S	1	DC-plate 2.7	8	68	VC055R	1	Compression drill guide 2.7
VN200S	1	DC-plate 2.7	10	84	VC056R	1	Neutral drill guide 3.5
VN202S	1	DC-plate 2.7	12	100	VC057R	1	Compression drill guide 3.5
VN218S	1	DC-plate 3.5	8	98	VC058R	1	Drill Guide handle
VN220S	1	DC-plate 3.5	10	122	VC063R	1	Drill sleeve 2.0/2.7
VN222S	1	DC-plate 3.5	12	146	VC064R	1	Drill sleeve 2.5/3.5
VN238S	1	DC-plate 3.5	8	98	VC068R	2	Bending iron Spies type
VN240S	1	DC-plate 3.5	10	122	VC033R	1	Drill AO-shaft 2.0
VN242S	1	DC-plate 3.5	12	146	VC035R	1	Drill AO-shaft 2.5
VB533S	3	Screw	2.7 mm	8	VC036R	1	Drill AO-shaft 2.7
VB535S	3	Screw	2.7 mm	10	VC037R	1	Drill AO-shaft 3.5
VB537S	3	Screw	2.7 mm	12	VC043R	1	Tap AO-shaft 2.7
VB538S	3	Screw	2.7 mm	14	VC044R	1	Tap AO-shaft 3.5
VB539S	3	Screw	2.7 mm	16	VC071R	2	Reposition forceps 135 mm
VB540S	3	Screw	2.7 mm	18	VC072R	1	Reposition forceps 205 mm
VB541S	3	Screw	2.7 mm	20	LS044R	1	Depth gauge
VB542S	3	Screw	2.7 mm	22	LS002R	1	Screw driver
VB543S	3	Screw	2.7 mm	24	LS008R	1	Screw holding sheath
VB544S	3	Screw	2.7 mm	26	GC475R	1	T-handle AO-shaft
VB545S	3	Screw	2.7 mm	28	VB409R	1	Screw rack
VB546S	3	Screw	2.7 mm	30	VB412R	1	Rack
VB565S	3	Screw	3.5 mm	10	VB413R	1	Rack
VB567S	3	Screw	3.5 mm	12	VB414R	1	Rack
VB568S	3	Screw	3.5 mm	14	JN096	1	Container
VB569S	3	Screw	3.5 mm	16	JF282R	1	Tray
VB570S	3	Screw	3.5 mm	18	JF289R	1	Lid for tray
VB571S	3	Screw	3.5 mm	20	JF148R	1	Mini tray
VB572S	3	Screw	3.5 mm	22	JK091	2	Sterile filter
VB573S	3	Screw	3.5 mm	24			
VB574S	3	Screw	3.5 mm	26			
VB575S	3	Screw	3.5 mm	28			
VB576S	3	Screw	3.5 mm	30			
VB577S	3	Screw	3.5 mm	32			
VB579S	3	Screw	3.5 mm	36			
VB581S	3	Screw	3.5 mm	40			

Osteosynthesis Set Small Fragments /Large Fragments



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VC071R	2	Reposition forceps	135
FR103R	1	Handle with three jaw chuck	140
DP505R	1	Wire cutter	160
LX130S	10	K-wire 1.0 mm	150
LX132S	10	K-wire 1.2 mm	150
LX135S	10	K-wire 1.5 mm	150
LX140S	10	K-wire 2.0 mm	150
KY004S	1	Cerclage 0.4 mm	10 m
KY008S	1	Cerclage 0.8 mm	10 m
KY010S	1	Cerclage 1.0 mm	10 m
JN094	1	Container	
JG386R	1	Tray with lid	
VB415R	1	Rack	
JK091	2	Sterile filter	



## Sterile Container

### JN092

Container 313 x 190 x 46

### JN094

Container 313 x 190 x 65

### JN095

Container 313 x 190 x 92

### JN096

Container 313 x 190 x 130

### JK091

Sterile filter double packed



## Trays

### JF148R

Tray for small parts 145 x 44 x 25



### JG386R

Tray with lid 274 x 172 x 30



**JF264R**

Tray with lid 274 x 171 x 42

**JF282R**

Tray without lid 270 x 171 x 93

**JF289R**

Lid for JF282R

**Storage Devices****VB408R**Screw rack for 1.5 – 2.0 – 2.4  
for JF282R**VB409R**Screw rack for 2.7 – 3.5  
for JF288R**LX002R**Rack for Kirschner boring wire up to 150 mm  
170 x 92 x 25 mm**LX001R**Rack for Kirschner boring wire up to 310 mm  
315 x 195 x 60 mm



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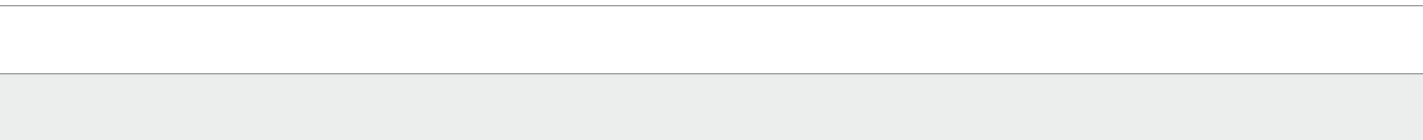
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