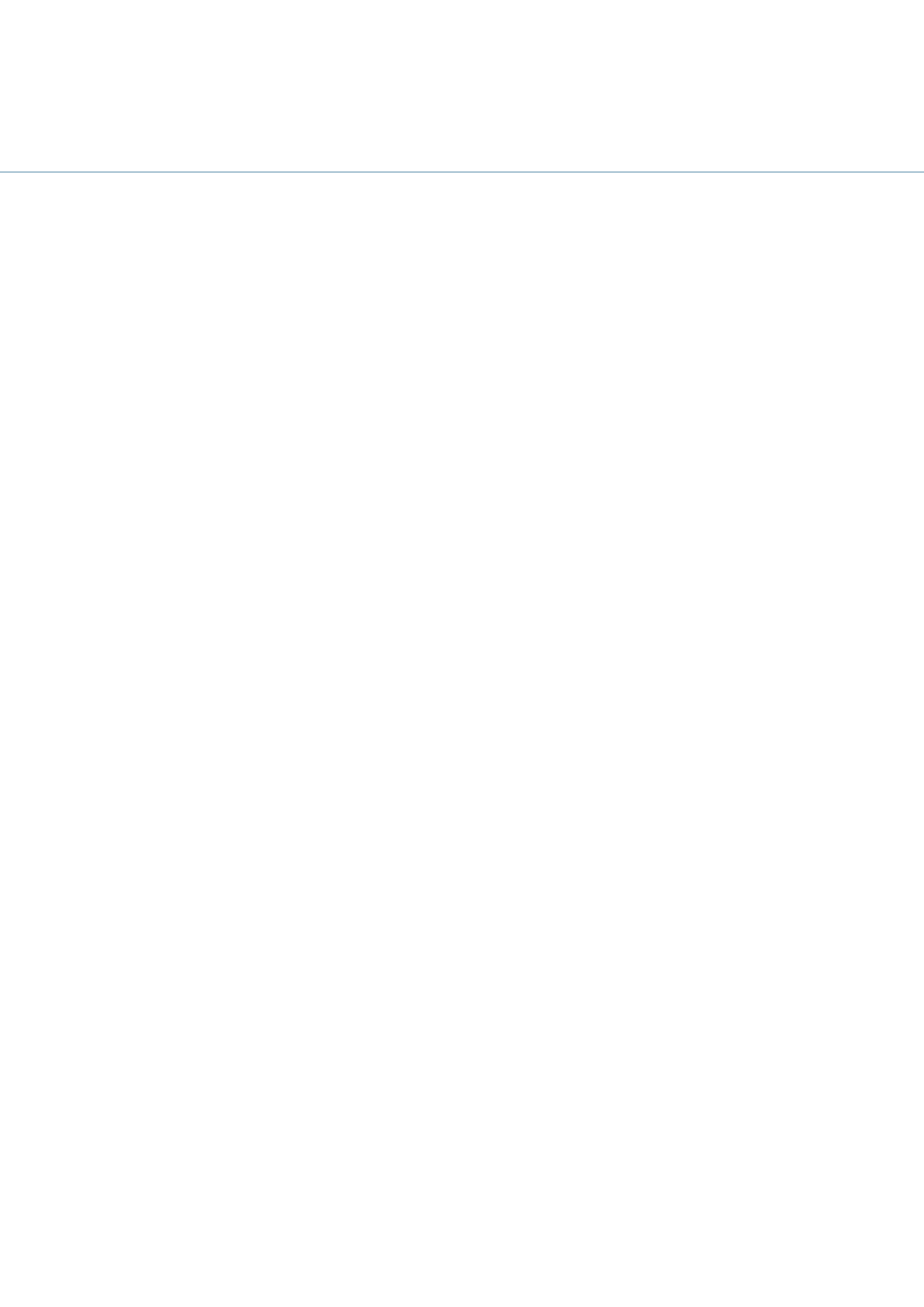




ORTHOPAEDIC
JOINT REPLACEMENT

OSTEOSYNTHESIS IMPLANTS AND INSTRUMENTS



CONTENT

Bone Screws	1.05 - 1.11
-------------	-------------

Bone Plates	2.01 - 2.16
-------------	-------------

Angular Nail Plates Special Instruments	3.01 - 3.12
--	-------------

Dynamic Hip Screw System Hip Nails Special Instruments	4.01 - 4.06
--	-------------

KÜNTSCHER Intramedullary Pins Hook-shaped Intramedullary Pins Special Instruments	5.01 - 5.07
---	-------------

KIRSCHNER Boring Wires STEINMANN Pins SCHANZ Screws Bone Staples, Cerclage Wires	6.01 - 6.12
---	-------------

Instruments for Bone Screws and Bone Plates	7.01 - 7.18
--	-------------

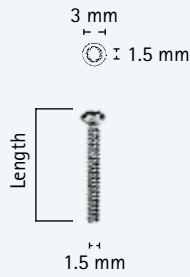
Osteosynthesis Sets in AESCULAP® Sterile Container System	8.01 - 8.14
---	-------------

BONE SCREWS

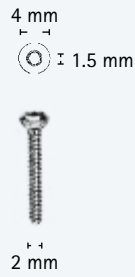
Mini screws

with hex. recess in head,
width across flats 1.5 mm

Cortical screws



Cortical screws



Small screws

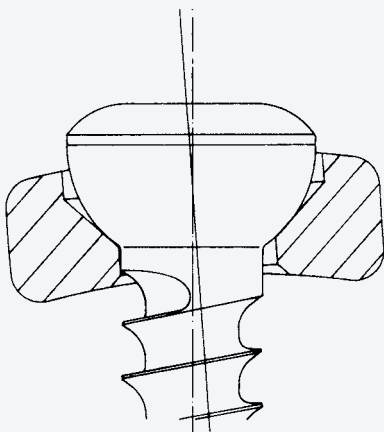
with hex. recess in head,
width across flats 2.5 mm

Cortical screws



Length	Art. No.	Art. No.
6 mm	LB006S	LB026S
7 mm	LB007S	
8 mm	LB008S	LB028S
9 mm	LB009S	
10 mm	LB010S	LB030S
11 mm	LB011S	
12 mm	LB012S	LB032S
14 mm	LB014S	LB034S
16 mm	LB016S	LB036S
18 mm	LB018S	LB038S
20 mm	LB020S	LB040S
22 mm		LB041S
24 mm		LB042S
26 mm		LB043S
28 mm		LB044S
30 mm		LB045S
32 mm		LB046S
34 mm		LB047S
36 mm		LB048S
38 mm		LB049S
40 mm		

Art. No.
LB126S
LB128S
LB130S
LB132S
LB134S
LB136S
LB138S
LB140S
LB142S
LB144S
LB146S
LB148S
LB149S
LB151S
LB153S
LB155S
LB157S
LB159S



With regards to shape and quality Aesculap® Bone Screws as illustrated and described on pages 1.01-1.05 are manufactured acc. to ISO 6475 resp. ISO 5835/I.

Even with tilting placement, the spherical segment on the underside of the screw head provides annular contact in the countersink of the plate hole.

Directional load is given by tilting placement of screws having no spherical underside of the screw head and therefore fracture can occur.

Small screws

with hex. recess in head,
width across flats 2.5 mm

Cortical screws



Small cancellous screws



Length	thread pitch: 1.25 mm acc. to ISO 5835/l
10 mm	LB180S
12 mm	LB182S
14 mm	LB184S
16 mm	LB186S
17 mm	
18 mm	LB188S
19 mm	
20 mm	LB190S
21 mm	
22 mm	LB192S
23 mm	
24 mm	LB194S
25 mm	
26 mm	LB196S
27 mm	
28 mm	LB198S
30 mm	LB200S
32 mm	LB202S
35 mm	
36 mm	LB206S
40 mm	LB208S
45 mm	LB209S
50 mm	LB211S
55 mm	LB213S
60 mm	LB215S

thread pitch: 1.75 mm (not standardized)	thread pitch: 1.75 mm acc. to ISO 5835/l	thread pitch: 1.75 mm acc. to ISO 5835/l
LB050S	LB250S	LB350S
LB052S	LB252S	LB352S
LB054S	LB254S	LB354S
LB056S	LB256S	LB356S
LB057S		
LB058S	LB258S	LB358S
LB059S		
LB060S	LB260S	LB360S
LB061S		
LB062S	LB262S	LB362S
LB063S		
LB064S	LB264S	LB364S
LB065S		
LB066S	LB266S	LB366S
LB067S		
LB068S	LB268S	LB368S
LB070S	LB270S	LB370S
LB072S		LB372S
	LB275S	LB375S
LB076S		
LB080S	LB280S	LB380S
LB085S	LB285S	LB385S
LB090S	LB290S	LB390S
LB095S	LB295S	LB395S
LB100S	LB300S	LB400S

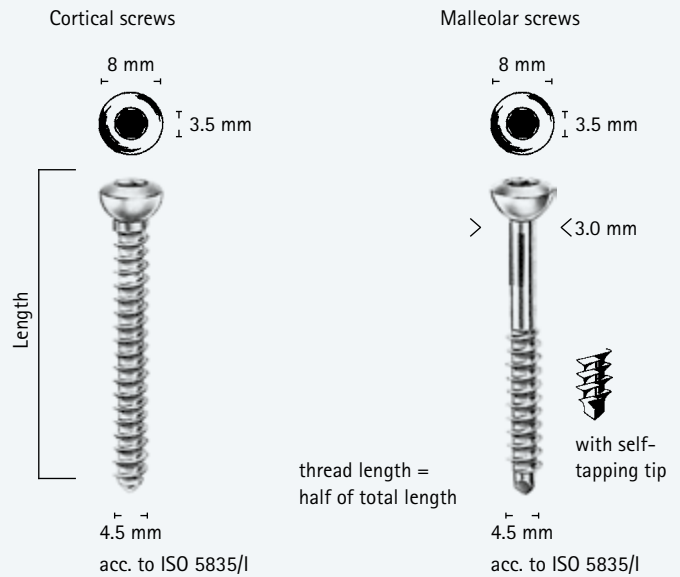


LA195S

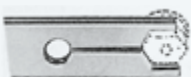
7 mm diam., washer for screws with 3.5 mm and 4.0 mm diam.

Large screws

with hex. recess in head,
width across flats 3.5 mm



Length	Art. No.	Art. No.
14 mm	LA114S	
16 mm	LA116S	
18 mm	LA118S	
20 mm	LA120S	LA220S
22 mm	LA122S	
24 mm	LA124S	
25 mm		LA225S
26 mm	LA126S	
28 mm	LA128S	
30 mm	LA130S	LA230S
32 mm	LA132S	
34 mm	LA134S	
35 mm		LA235S
36 mm	LA136S	
38 mm	LA138S	
40 mm	LA140S	LA240S
42 mm	LA142S	
44 mm	LA144S	
45 mm		LA245S
46 mm	LA146S	
48 mm	LA148S	
50 mm	LA150S	LA250S
52 mm	LA152S	
54 mm	LA154S	
55 mm		LA255S
56 mm	LA156S	
58 mm	LA158S	
60 mm	LA160S	LA260S
62 mm	LA162S	
64 mm	LA164S	
65 mm		LA265S
66 mm	LA166S	
68 mm	LA168S	
70 mm	LA170S	LA270S
72 mm	LA172S	
74 mm	LA174S	
75 mm		LA275S
76 mm	LA176S	
78 mm	LA178S	
80 mm	LA180S	LA280S
85 mm	LA185S	LA285S
90 mm	LA190S	LA290S
95 mm	LA191S	LA295S
100 mm	LA192S	LA300S
105 mm	LA194S	LA305S
110 mm	LA193S	LA310S



LS039R

160 mm Key, forked
for holding the nuts



LA196S

Nut for screws with 4.5 mm diam., width across
flats 8 mm suitable wrench LS039



LA197S

11 mm diam., washer for cortical
screws LA114S – LA310S

Bone Screws

		Mini screws		Small screws		
		LB006S-020S	LB026S-049S	LB126S-151S	LB180S-211S	
		pitch thread: 1.25 mm				
		cortical		cortical		
		diam.	1.5 mm	2.0 mm	2.7 mm	3.5 mm
Drills for through hole		diam.	1.5 mm	2.0 mm	2.7 mm	3.5 mm
	with dental shaft		GC462R	GC464R		
	with small AO shaft		GC312R	GC314R	GC316R	GC320R
	with round shaft		GC002R	GC004R	GC007R	GC010R
Drills for core hole		diam.	1.1 mm	1.5 mm	2.0 mm	2.5 mm
	with dental shaft		GC461R	GC462R	GC464R	
	with small AO shaft		GC310R	GC312R	GC314R	GC315R
	with round shaft			GC002R	GC004R	GC006R
Taps		diam.	1.5 mm	2.0 mm	2.7 mm	3.5 mm
	with dental shaft		GC437R	GC438R		
	with small AO shaft				GC339R	GC341R
	with T-bar				LS052R	LS050R
Countersink		diam.	1.5 mm	2.0 mm	2.7 mm	3.5 mm
	with dental shaft		GC431R	GC431R		
	with small AO shaft				GC332R	GC332R
	with T-bar					
Screw drivers			SW 1.5 mm		SW 2.5 mm	
	with dental shaft		GC458R	GC458R		
	with small AO shaft				GC355R	GC355R
	with T-bar					
	with Hartpress-handle		LS005R	LS005R	LS002R	LS002R
Screw depth gauges			LS042R	LS042R	LS044R	LS044R

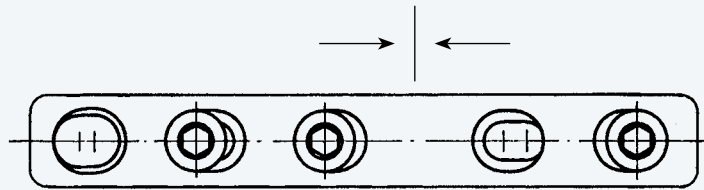
Small screws			Large screws				
LB050S-100S	LB250S-290S	LB350S-372S	LA114S-193S	LA220S-310S	LA330S-394S	LA425S-462S	LA636S-686S
pitch thread: 1.25 mm							
small cancellous			cortical	malleolar	cancellous		flat-headed
3.5 mm	4.0 mm	4.0 mm	4.5 mm	4.5 mm	6.5 mm	6.5 mm	6.5 mm
3.5 mm	-	-	4.5 mm	-	4.5 mm (shaft)	-	4.5 mm (shaft)
GC320R			GC323R		GC323R		GC323R
			GC013R		GC013R		GC013R
2.0 mm	2.0 mm	2.0 mm	3.2 mm	3.2 mm	3.2 mm	3.2 mm	3.2 mm
	GC464R	GC464R					
GC314R	GC314R	GC314R	GC319R	GC319R	GC319R	GC319R	GC319R
	GC004R	GC004R	GC009R	GC009R	GC009R	GC009R	GC009R
3.5 mm	4.0 mm	4.0 mm	4.5 mm	4.5 mm	6.5 mm	6.5 mm	6.5 mm
GC340R	GC346R	GC346R	GC344R	GC344R	GC348R	GC348R	GC348R
LS053R	LS051R	LS051R	LS055R / LS056R	LS055R / LS056R	LS060R	LS060R	LS060R
GC332R	GC332R	GC332R					
			LS066R		LS066R	LS066R	
width across flats 2.5 mm				width across flats 3.5 mm			
GC355R	GC355R	GC355R	GC354R	GC354R	GC354R	GC354R	GC354R
			LS004R	LS004R	LS004R	LS004R	LS004R
LS002R	LS002R	LS002R	LS001R / LS003R	LS001R / LS003R	LS001R / LS003R	LS001R / LS003R	LS001R / LS003R
LS044R	LS044R	LS044R	LS047R	LS047R	LS047R	LS047R	LS047R

INSTRUMENTS FOR BONE SCREWS AND BONE PLATES

Function of self-compressing Bone Plates with spherical gliding principle



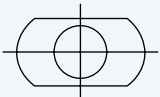
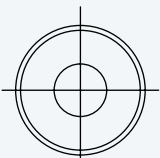
Self-compressing gliding holes are designed on the spherical gliding principle. Compression is possible starting from both ends towards the middle. Drill guides s. chapter 7.



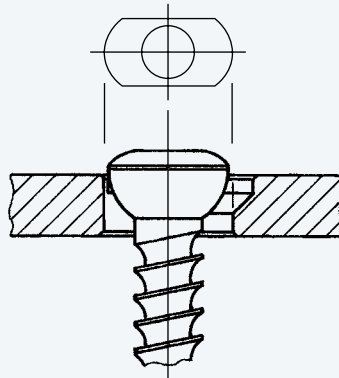
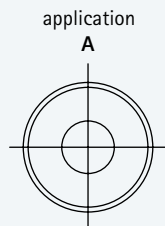
B
Screw at the beginning of the compression distance

A
Screw placed in neutral position or at the end of compression distance

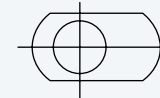
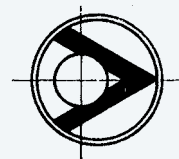
A
Screw placed in neutral position or at the end of compression distance



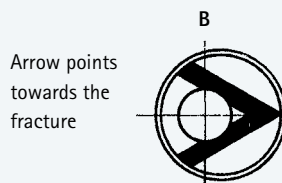
Neutral drill guide



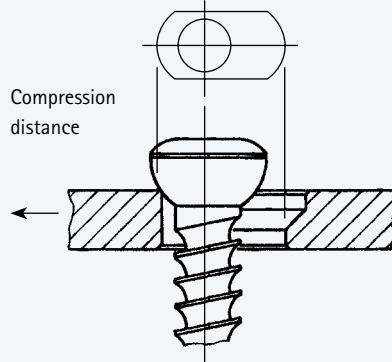
The neutral drill guide is used for all application with self-compressing bone plates having spherical gliding holes. Screws placed with the aid of this drill guide meet the sloping cylinder near the final screw position without compression.



Load guide and buttress guide



Arrow points towards the fracture



Effect:
When this position is used for pre-drilling, screws will meet the sloping cylinder at the distal end of the plate hole (beginning of compression distance).

Self compressing Bone Plates
with spherical gliding holes
for screws with 4.5 mm and 6.5 mm diam.

Narrow bone plates

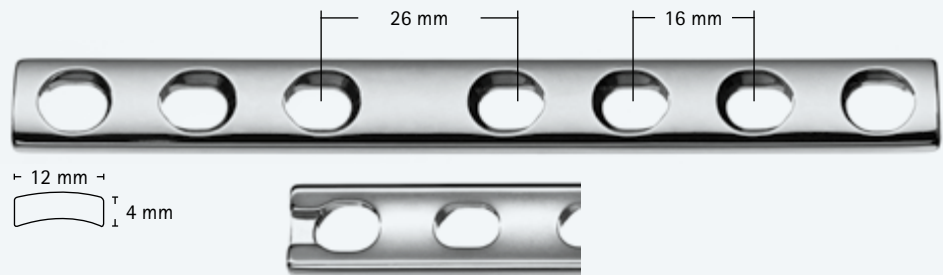
Indication: neutralization- and tension band plates for tibia and ulna

Art. No.	No. of holes	Length
LM402S	2	39 mm
LM403S	3	55 mm
LM404S	4	71 mm
LM405S	5	87 mm
LM406S	6	103 mm
LM407S	7	119 mm
LM408S	8	135 mm
LM409S	9	151 mm
LM410S	10	167 mm
LM411S	11	183 mm
LM412S	12	199 mm
LM413S	13	215 mm
LM414S	14	231 mm
LM415S	15	247 mm
LM416S	16	263 mm

End holes are also suitable for cancellous screws. The underside of both ends is notched to hold compression device LS081R or devices of other makes.

Recommended screws:

4.5 mm and 6.5 mm diam.



Broad bones plates

Indication: tension band plates for femur and humeral pseudarthrosis

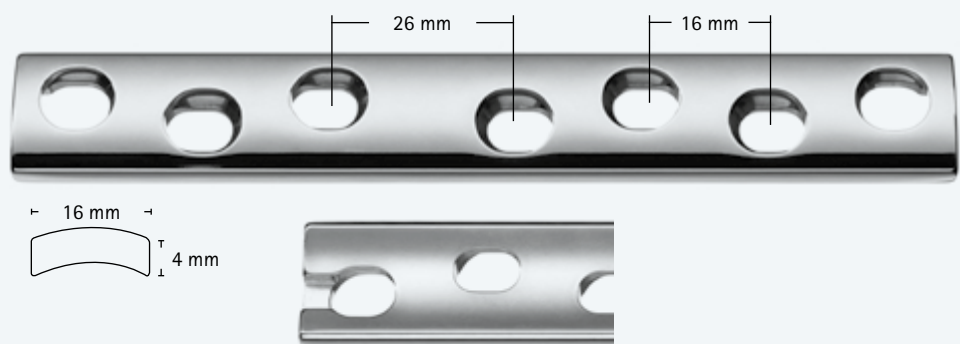
Art. No.	No. of holes	Length
LM425S	5	87 mm
LM426S	6	103 mm
LM427S	7	119 mm
LM428S	8	135 mm
LM429S	9	151 mm
LM430S	10	167 mm
LM431S	11	183 mm
LM432S	12	199 mm
LM433S	13	215 mm
LM434S	14	231 mm
LM436S	16	263 mm
LM438S	18	295 mm

End holes are also suitable for cancellous screws. The underside of both ends is notched to hold compression device LS081R or devices of other marks.

Recommended screws:

4.5 mm and 6.5 mm diam.

Drill guides: **LS128R** and **LS130R**
or **LS132R** or **LS133S**

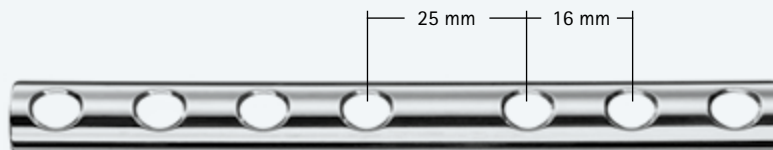


Bone Plates with round holes
for screws with 4.5 mm and 6.5 mm diam.

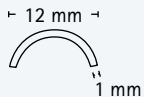
Semi-tubular plates

Indication: tension band plates for radius and fibula

By eccentric placing of the screws, far from the fracture, compression effect can be achieved.



Art. No.	No. of holes	Length
LM322S	2	39 mm
LM323S	3	55 mm
LM324S	4	71 mm
LM325S	5	87 mm
LM326S	6	103 mm
LM327S	7	119 mm
LM328S	8	135 mm
LM329S	9	151 mm
LM330S	10	167 mm
LM331S	11	183 mm
LM332S	12	199 mm



Recommended screws: **4.5 mm diam.**

Cancellous screws with **6.5 mm diam.** can also be used for screwing through.

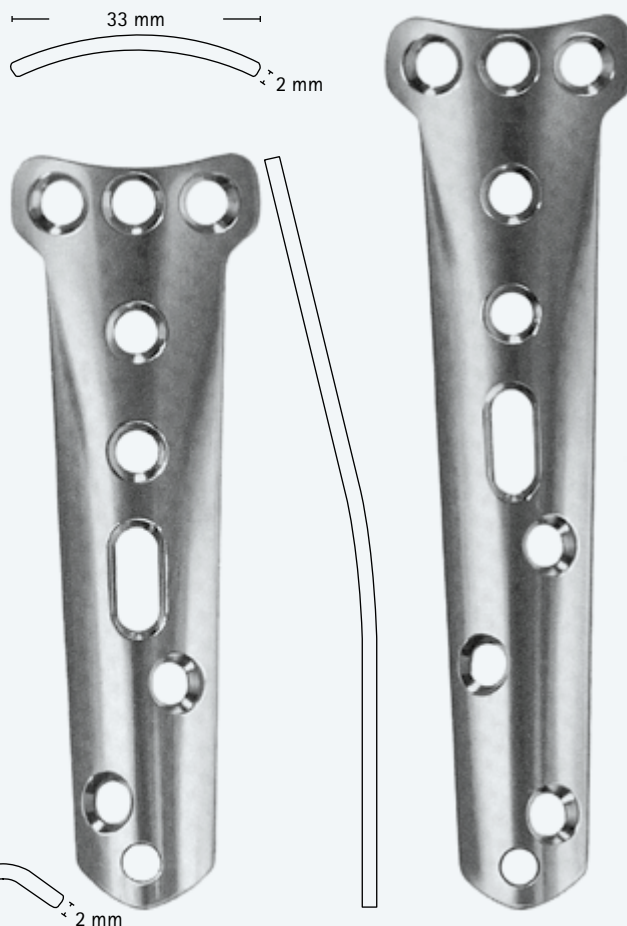
Spoon plates

Indication: for anterior tibia border

Art. No.	No. of holes	Length
LM195S	5	100 mm
LM196S	6	120 mm

Recommended screws:

4.5 mm, 6.5 mm diam. for screwing through.



One end of the plate is notched on the underside to hold compression device LS081R or devices of other makes.

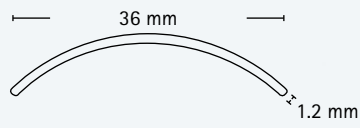
Bone Plates with round holes
for screws with 4.0 mm and 4.5 mm diam.

Cloverleaf plates

Indication: for distal intra-articular tibia fractures

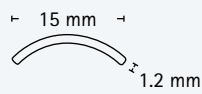
Art. No.	No. of holes	Length
LM163S	3	88 mm
LM164S	4	104 mm

Recommended screws: **4.0 mm diam. for the head, 4.5 mm diam. for the shaft.**



LM163S

LM164S

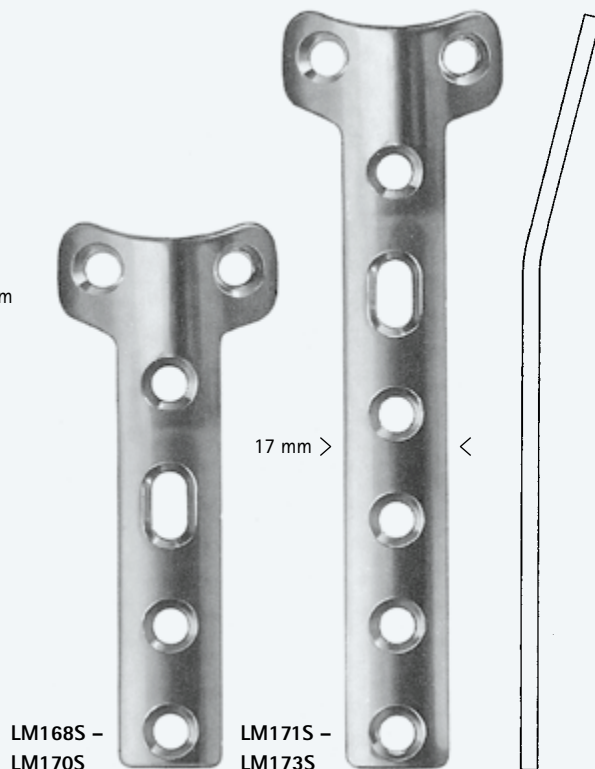
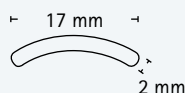
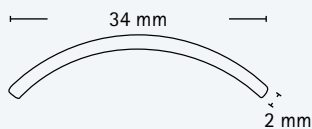


Bone Plates with round holes
for screws with 4.5 mm and 6.5 mm diam.

T-Plates

Indication: for humeral and tibial head

Art. No.	No. of holes	Length
LM170S	3	68 mm
LM168S	4	84 mm
LM171S	5	100 mm
LM172S	6	116 mm
LM173S	8	148 mm



L-Plates

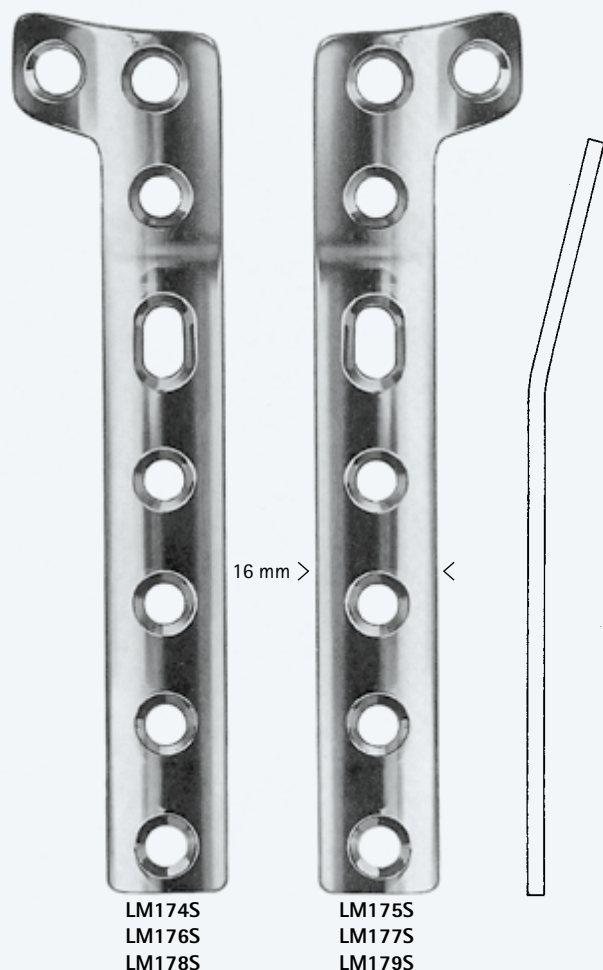
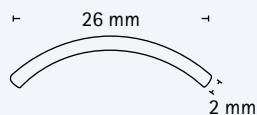
Indication: for humeral and tibial head

Art. No.	No. of holes	Length	
LM174S	4	84 mm	left
LM175S	4	84 mm	right
LM176S	6	116 mm	left
LM177S	6	116 mm	right
LM178S	8	148 mm	left
LM179S	8	148 mm	right

Recommended screws:

4.5 mm, 6.5 mm diam., for screwing through.

One end of the plate is notched on the underside to hold compression device LS081R or devices of other makes.

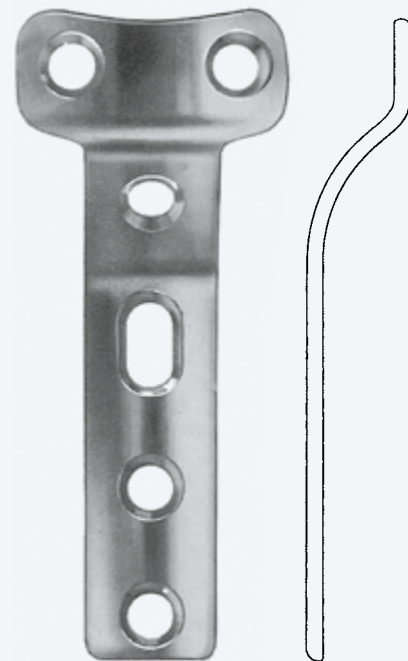
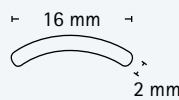
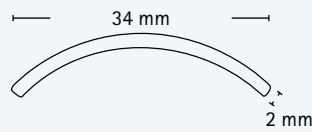


Bone Plates with round holes
for screws with 4.5 mm and 6.5 mm diam.

T-Buttress plates

Indication: for supporting the tibial head

Art. No.	No. of holes	Length
LM184S	4	80 mm
LM185S	5	96 mm
LM186S	6	112 mm



L-Buttress plates

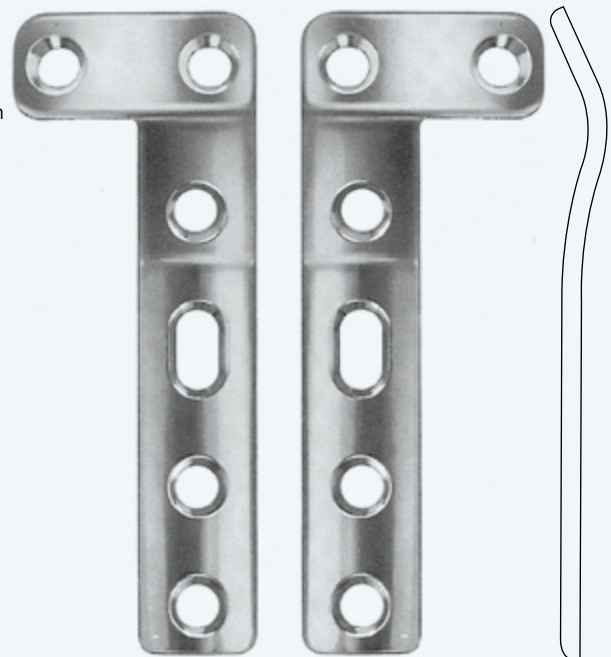
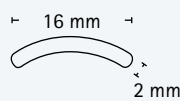
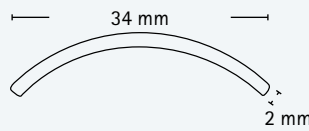
Indication: for supporting the tibial head

Art. No.	No. of holes	Length
LM190S	4	86.5 mm
LM191S	4	86.5 mm

Recommended screws:

4.5 mm, 6.5 mm diam., for screwing through.

One end is notched on the underside to hold compression device LS081R or devices of other makes.



Self-compressing Bone Plates
with spherical gliding holes
for screws with 4.5 mm and 6.5 mm diam.

Condylar buttress plates

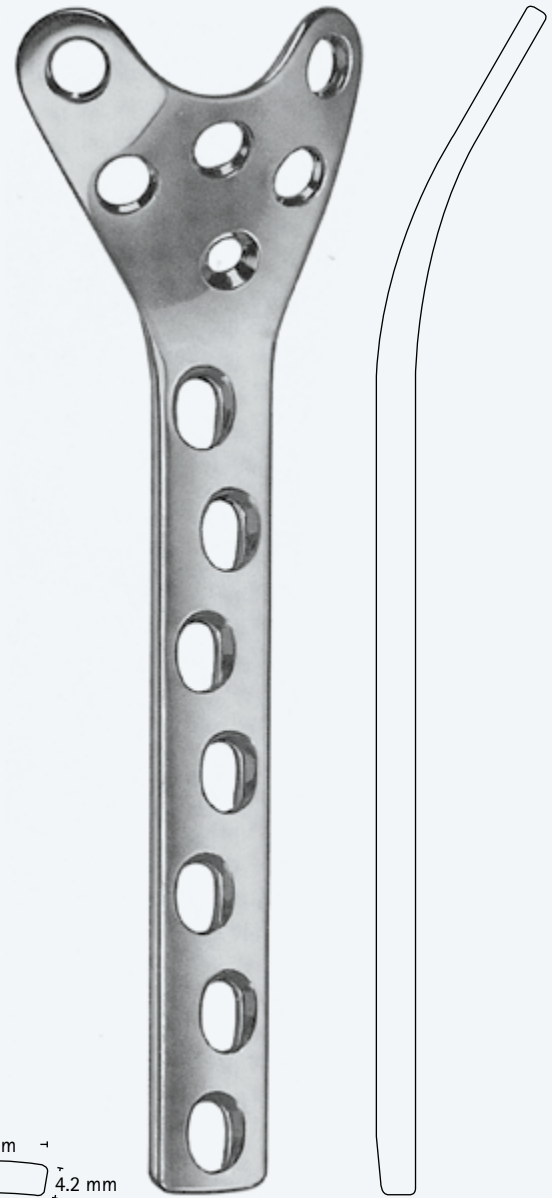
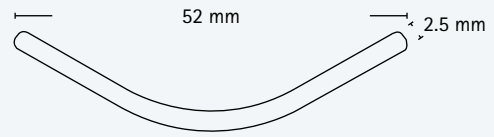
Indication: for femur condyles
with multiple fragment fractures

Art. No.	No. of holes (shaft)	Length	
LM155S	7	158 mm	left
LM156S	7	158 mm	right
LM159S	9	190 mm	left
LM160S	9	190 mm	right

Recommended screws: 4.5 mm and 6.5 mm diam.

Drill guides: LS132R or LS133R

Drill sleeve: LS114R



With notch to hold compression device LS081R
or devices of other makes.

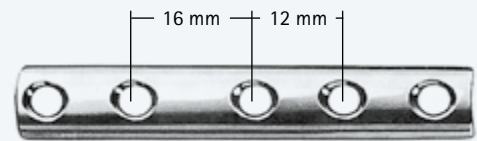
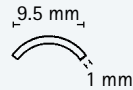
Small Fragment Plates for screws with 3.5 mm and 4.0 mm diam.

One-third tubular plates

Indication: for fibula, metacarpal and metatarsal bones

By eccentric placing of the screws, far from the fracture, compression effect can be achieved.

Art. No.	No. of holes	Length
LM302S	2	25 mm
LM303S	3	37 mm
LM304S	4	49 mm
LM305S	5	61 mm
LM306S	6	73 mm
LM307S	7	85 mm
LM308S	8	97 mm
LM309S	9	109 mm
LM310S	10	121 mm
LM312S	12	145 mm



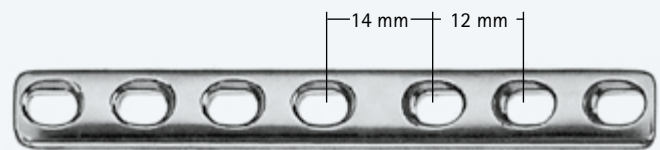
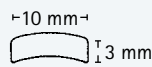
Recommended screws:

3.5 mm and 4.0 mm diam.

Small fragment plates

Indication: for the slender radius

Art. No.	No. of holes	Length
LN342S	2	26 mm
LN343S	3	38 mm
LN344S	4	50 mm
LN345S	5	62 mm
LN346S	6	74 mm
LN347S	7	86 mm
LN348S	8	98 mm
LN350S	10	122 mm
LN352S	12	146 mm



Recommended screws:

3.5 mm and 4.0 mm diam.

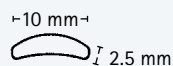
Drill guide: LS125R

Bending irons: LS206R / LS207R

Reconstruction plates

Indication: for pelvis, eventually also for clavicle

Art. No.	No. of holes	Length
LN155S	5	58 mm
LN156S	6	70 mm
LN157S	7	82 mm
LN158S	8	94 mm



Recommended screws:

3.5 mm and 4.0 mm diam.

Bending irons: LS206R / LS207R

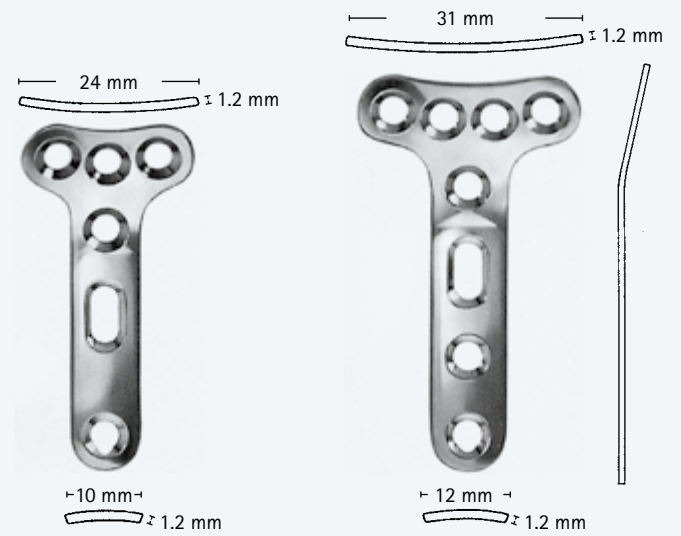
Small Fragment Plates
for screws with 3.5 mm, 4.0 mm and 4.5 mm diam.

T-plates

Indication: for distal radius

Art. No.	No. of holes		Length
	Head	Shaft	
LN321S	3	3	50 mm
LN323S	3	5	67 mm
LN326S	4	4	56 mm
LN328S	4	6	78 mm

Recommended screws: 3.5 mm and 4.0 mm diam.



T-plates, oblique-angled

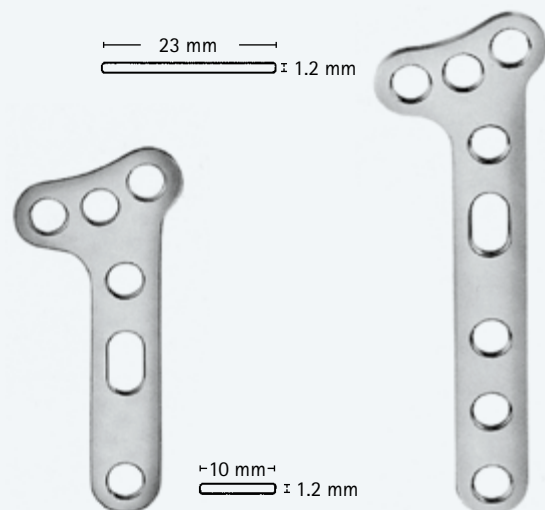
Indication: for distal radius, can be used for left and right side

Art. No.	No. of holes		Length
	Head	Shaft	
LN331S	3	3	53 mm
LN333S	3	5	75 mm

Recommended screws:

3.5 mm, 4.0 mm and 4.5 mm diam.

Bending irons: LS206R / LS207R



Y-plates

Indication: for humeral condyles.

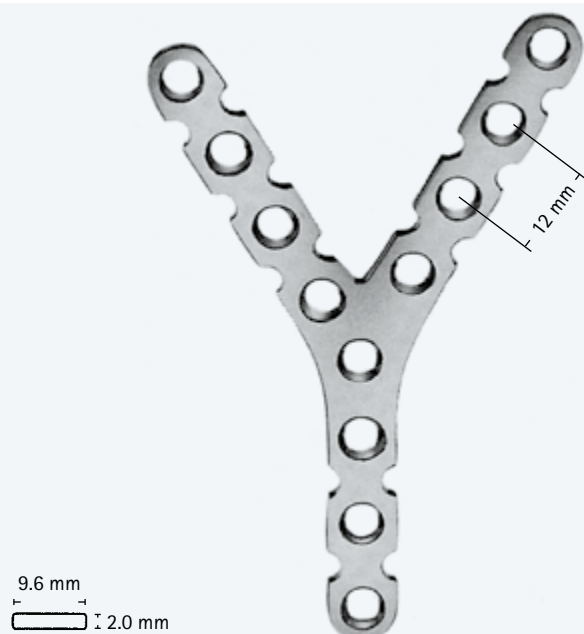
Plate can be shortened to required length.

Art. No.

LN190S

Recommended screws: 3.5 mm and 4.0 mm diam.

Bending irons: LS206R / LS207R

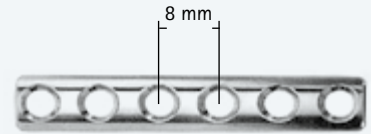
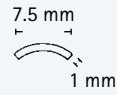


Quarter-tubular Bone Plates with round holes,
multiple fragment plate,
for screws with 2.7 mm and 3.5 mm diam.

Bone Plates

Quarter-tubular bone plates

Art. No.	No. of holes	Length
LN253S	3	23 mm
LN254S	4	31 mm
LN255S	5	39 mm
LN256S	6	47 mm
LN257S	7	55 mm
LN258S	8	63 mm



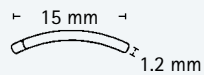
Recommended screws: **2.7 mm and 3.5 mm diam.**

Bending iron: **LS204**

Bending pliers: **LS205R**

Multiple fragment plate

Art. No.	No. of holes	Length
LN027S	7	45 mm



Recommended screws:

2.7 mm and 3.5 mm diam.

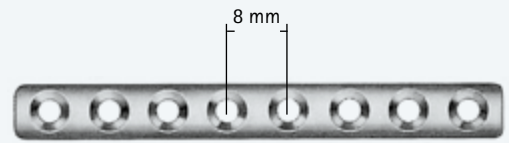
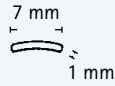
Bending iron: **LS204**

Bending pliers: **LS205R**

Small Fragment Plates
with round holes
for screws with 2.7 mm diam.

Small fragment plates

Art. No.	No. of holes	Length
LN002S	2	17 mm
LN003S	3	25 mm
LN004S	4	33 mm
LN006S	6	49 mm
LN008S	8	65 mm
LN010S	10	81 mm

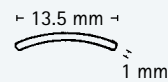


Recommended screws: **2.7 mm diam.**
Bending iron: **LS204**
Bending pliers: **LS205R**

Small fragment plates (small plates for condyle)

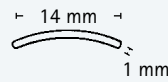
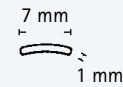
Art. No.	No. of holes	Length	
LN021S	5	32 mm	left
LN022S	5	32 mm	right
LN023S	5	34.5 mm	oblique left
LN024S	5	34.5 mm	oblique right

Recommended screws: **2.7 mm diam.**
Bending iron: **LS204**
Bending pliers: **LS205R**



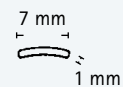
LN021S

LN022S



LN023S

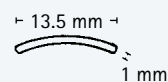
LN024S



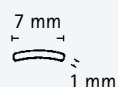
Small fragment plate
(small plates for condyle)

Art. No.	No. of holes	Length
LN025S	5	32 mm

Recommended screws: **2.7 mm diam.**
Bending iron: **LS204**
Bending pliers: **LS205R**



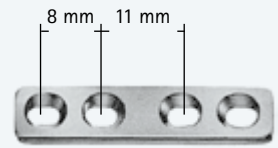
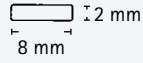
LN025S



Small Fragment Plates
with spherical gliding holes
for screws with 2.7 mm diam.

Small fragment plates

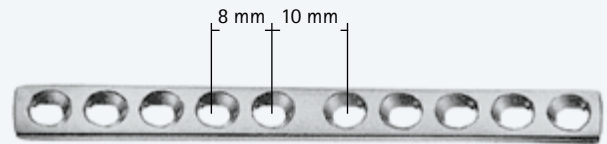
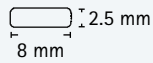
Art. No.	No. of holes	Length
LN294S	4	36 mm
LN295S	5	44 mm
LN296S	6	52 mm



Recommended screws: **2.7 mm diam.**
Drill guide: **LS121R**
Bending irons: **LS206R / LS207R**

Small fragment plates

Art. No.	No. of holes	Length
LN267S	7	60 mm
LN268S	8	68 mm
LN269S	9	76 mm
LN270S	10	84 mm
LN272S	12	100 mm



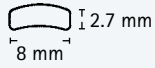
Recommended screws: **2.7 mm diam.**
Drill guide: **LS121R**
Bending irons: **LS206R / LS207R**

Reconstruction Plates
for screws with 2.7 mm diam.

Straight reconstruction plates



Art. No.	No. of holes	Length
LN166S	6	48 mm
LN168S	8	64 mm
LN170S	10	80 mm
LN172S	12	96 mm
LN174S	14	112 mm
LN176S	16	128 mm
LN178S	18	144 mm
LN180S	20	160 mm
LN182S	22	176 mm
LN184S	24	192 mm



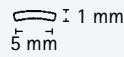
Recommended screws: **2.7 mm diam.**
Bending irons: **LS206R / LS207R**

Mini Bone Plates
with spherical gliding holes
for screws with 2.0 mm diam.

Bone Plates

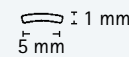
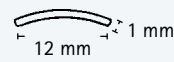
Mini bone plates

Art. No.	No. of holes	Length
LN203S	3	17 mm
LN204S	4	23 mm
LN205S	5	29 mm
LN206S	6	35 mm



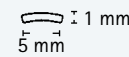
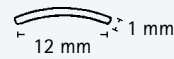
Mini bone plates T-shape (for condyle)

Art. No.	No. of holes	Length	
LN221S	4	18 mm	left
LN222S	4	18 mm	right
LN223S	4	20 mm	oblique left
LN224S	4	20 mm	oblique right



LN221S

LN222S

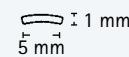
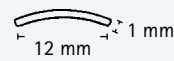


LN223S

LN224S

Mini bone plates T-shape (for condyle)

Art. No.	No. of holes	Length
LN225S	4	18 mm T-shaped



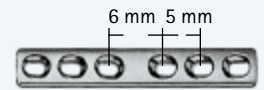
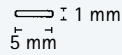
LN225S

Recommended screws: **2.0 mm diam.**
Bending irons: **LS204**
Bending pliers: **LS205R**

Mini Bone Plates
with spherical gliding holes
for screws with 2.0 mm diam.

Mini bone plates

Art. No.	No. of holes	Length
LN284S	4	22 mm
LN285S	5	27 mm
LN286S	6	32 mm
LN287S	7	37 mm
LN288S	8	42 mm



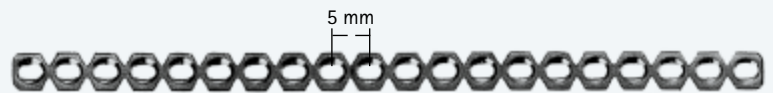
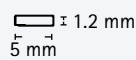
Recommended screws: **2.0 mm diam.**

Bending irons: **LS204**

Bending pliers: **LS205R**

Maxillo-mandibular reconstruction plate, chain-like,
can be bent and shortened to required length

Art. No.	No. of holes	Length
LN278S	20	100 mm



Recommended screws: **2.0 mm diam.**

Wire cutter: **LX156R**

Bending irons: **LS204**

Bending pliers: **LS205R**

Mini bone plates

Art. No.	Outside measurements	Perforation pitch	Recommended screws
LN030S	9 x 8.2 mm	5 x 4.1 mm	1.5 mm diam.
LN040S	12 x 10.8 mm	7 x 5.8 mm	2.0 mm diam.



LN030S



LN040S

Bending irons: **LS204**

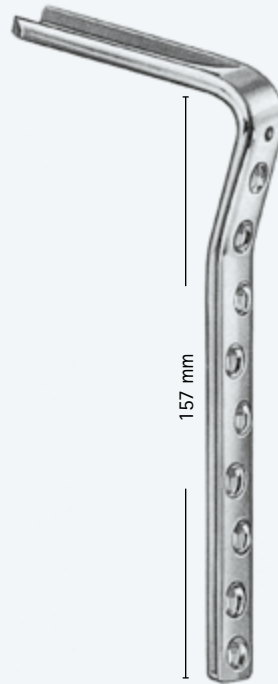
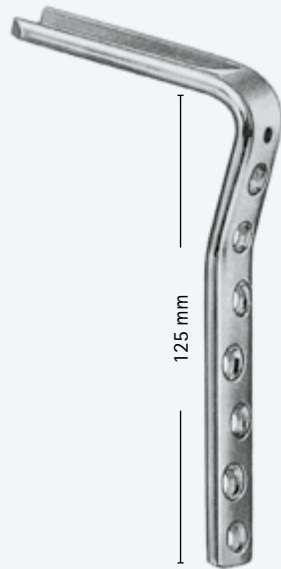
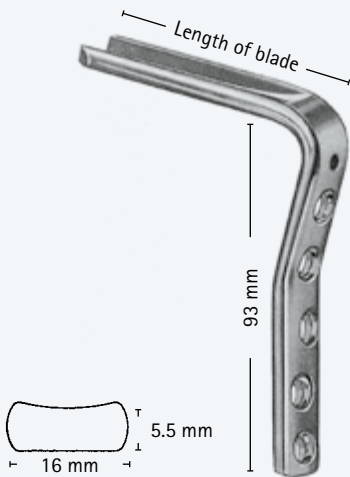
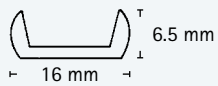
Bending pliers: **LS205R**

ANGULAR NAIL PLATES

Angular Nail Plates with spherical gliding holes

Condylar plates $\sphericalangle 95^\circ$

Indication: fractures in the distal and proximal femur area
intertrochanteric valgisation osteotomy



Length of blade	5 holes Art. No.	7 holes Art. No.	9 holes Art. No.	12 holes Art. No.
50 mm	K0120S	K0125S	K0130S	K0135S
60 mm	K0121S	K0126S	K0131S	K0136S
70 mm	K0122S	K0127S	K0132S	K0137S
80 mm	K0123S	K0128S	K0133S	K0138S

Recommended screws: **4.5 mm diam.**

The two holes near to the blade can also take cancellous screws with **6.5 mm diam.**

Nail starter: **KT022R**

Impactor-Expactor: **KT026R**

Drill guide: **LS133S**

Drill sleeves: **LS114R / LS116R**

Further instruments: s. following pages

One end of the angular nail plate is notched on the underside to hold compression device LS081R or devices of other makes.



Angular Nail Plates with spherical gliding holes

Angular Nail Plates – Special Instruments

Angular nail plates \sphericalangle 130°

Indication: femoral neck fractures
and pertrochanteric fractures



Length of blade	4 holes Art. No.	6 holes Art. No.	9 holes Art. No.	12 holes Art. No.
50 mm	K0210S	K0230S	-	-
60 mm	K0212S	K0232S	-	-
70 mm	K0214S	K0234S	K0254S	K0264S
75 mm	K0215S	-	-	-
80 mm	K0216S	K0236S	K0256S	K0266S
85 mm	K0217S	-	-	-
90 mm	K0218S	K0238S	K0258S	K0268S
95 mm	K0219S	-	-	-
100 mm	K0220S	-	-	-
105 mm	K0221S	-	-	-
110 mm	K0222S	-	-	-

Recommended screws: 4.5 mm diam.

Nail starter: **KT022R**

Impactor-Extractor: **KT026R**

Drill guide: **LS133S**

Further instruments: s. following pages

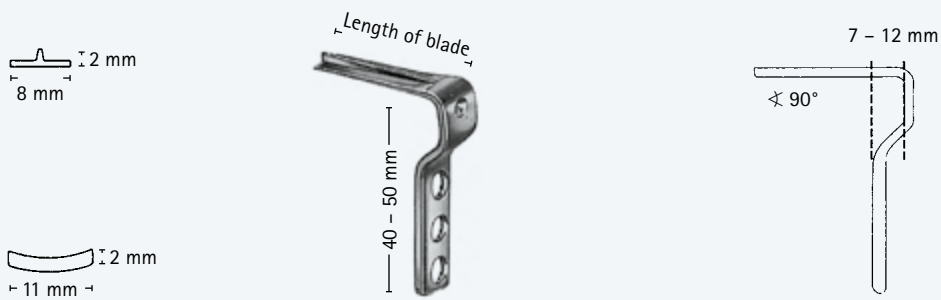
One end of the angular nail plates K0234S – K0268S is notched on the underside to hold compression device LS081R or devices of other makes.



Angular Nail Plates with spherical gliding holes

Angled plates $\sphericalangle 90^\circ$

Indication: intertrochanteric femoral osteotomies
in infants (up to 5 years of age)



Depth of bow	Length of blade	Art. No.
7 mm	25 mm	K0271S
7 mm	32 mm	K0272S
8 mm	45 mm	K0289S
12 mm	25 mm	K0275S
12 mm	32 mm	K0276S

Recommended screws: **3.5 mm diam.**

Nail starter: **KT018R**

Impactor-Extractor: **KT034R**

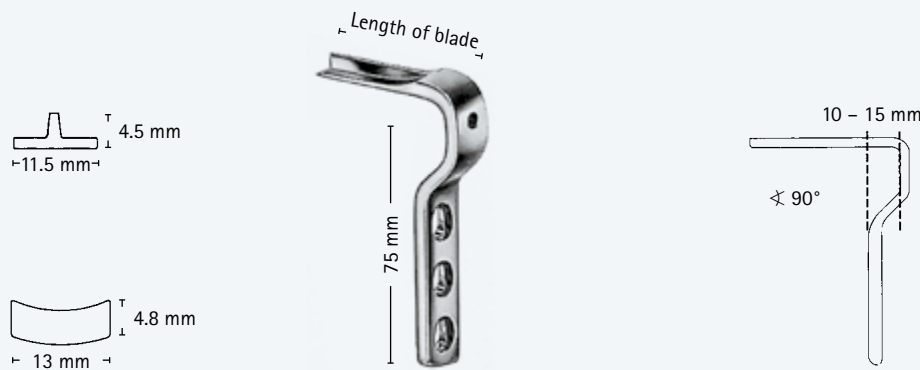
Further instruments: see following pages

Angular Nail Plates with spherical gliding holes

Angular Nail Plates – Special Instruments

Angled plates $\sphericalangle 90^\circ$, for adults

Indication: intertrochanteric femoral osteotomies
in adolescents



Depth of bow	Length of blade	Art. No.
10 mm	40 mm	KO296S
10 mm	50 mm	KO298S

Recommended screws: **4.5 mm diam.**

Nail starter: **KT024R**

Impactor-Extractor: **KT027R**

Drill guide: **LS133S, LS128R, LS130R**

Further instruments: see following pages

The angular nail plates are notched on the underside to hold compression device LS081R or devices of other makes.



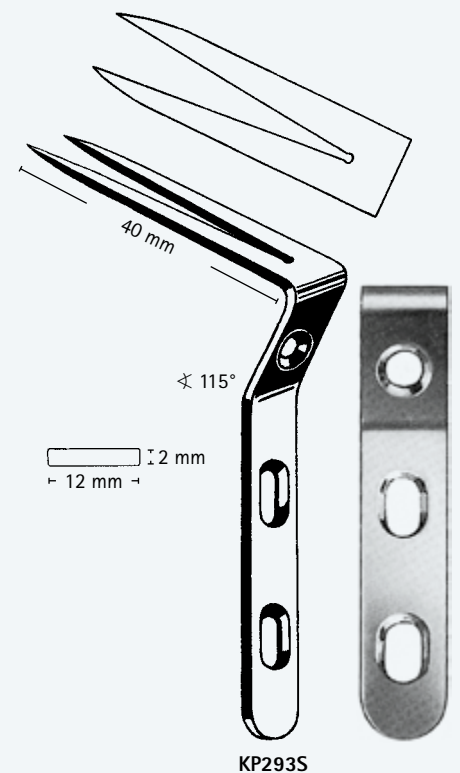
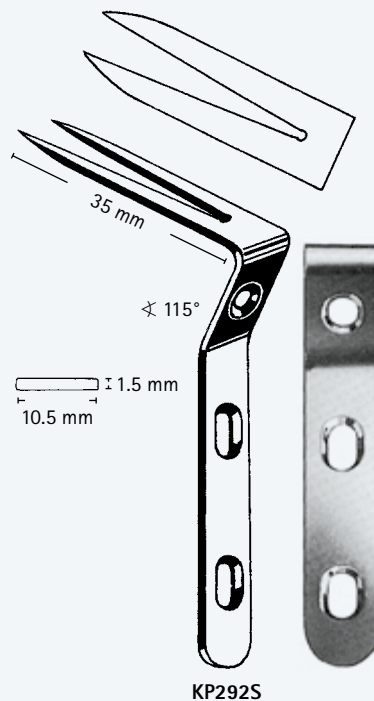
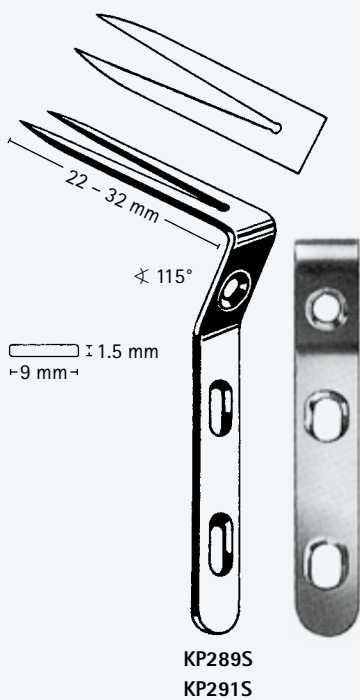
Bifurcated Blade Plate
with spherical gliding holes
ALTDORF pattern

**Bifurcated blade plate
ALTDORF pattern $\sphericalangle 115^\circ$**

Indication: In coxa valga and antetorsion with acetabular dysplasia, intertrochanteric derotation varus osteotomy permits correction of the femoral neck angle and centers the femoral head in the acetabulum. The device provides sufficient stability for immediate mobilization with partial weight bearing.

Literature:

1. Wagner, H.: Osteotomies for congenital hip dislocation – The Hip, Proceedings of the fourth open scientific meeting of The Hip Society (1976), Chapter 6, 45 – 51
2. Wagner, H.: Prophylaktische und therapeutische Möglichkeiten bei Gelenkdysplasien, Therapie-woche 27, 1244 – 1246 (1977)



Recommended screws:

for KP289S – KP292S: 3.5 mm diam.

for KP293S: 4.0 – 4.5 mm diam.

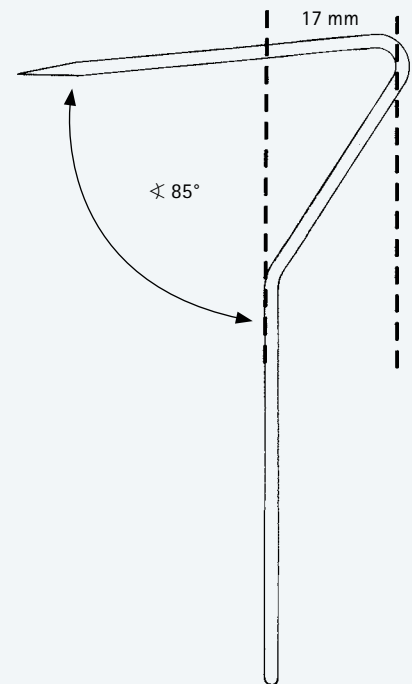
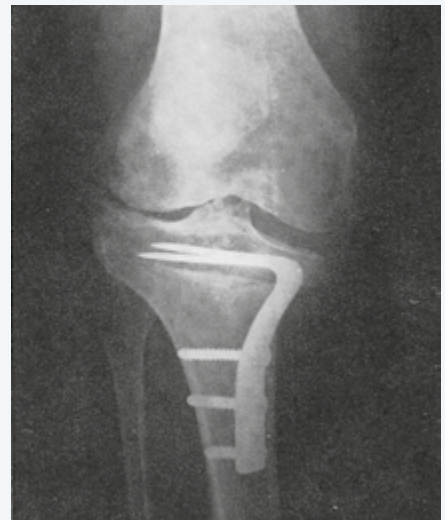
Impactor-Extractor: KT034R

Further instruments: s. nachfolgende Seiten

MARQUARDT Bone Plate,
forked, with round holes

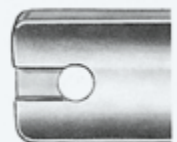
Angular Nail Plates – Special Instruments

MARQUARDT bone plate
forked, $\sphericalangle 85^\circ$
Indication: for valgus and varus osteotomies
in the upper tibia



Recommended screws: **4.5 mm diam.**
Nail starter: **KT039R**

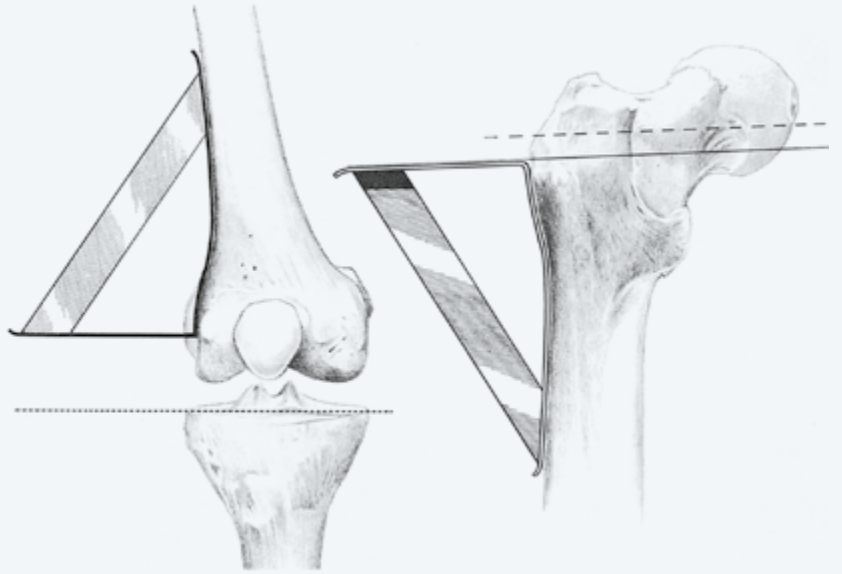
The angled bone plate is notched on the underside to hold
compression device LS081R or devices of other makes.



Instruments for Angular Nail Plates

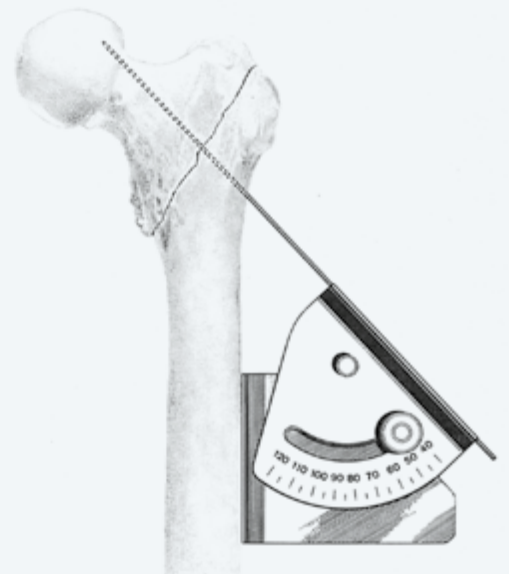
KT005R

Angle guide for condylar angled plates
K0120S – K0138S to determine the direction
of the blade



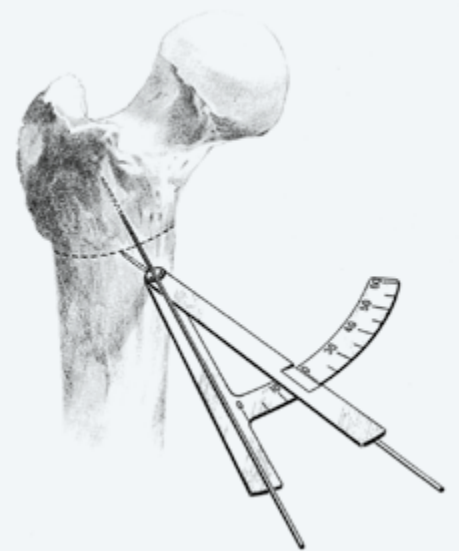
KT007R

Angle gauge, adjustable, to determine the complementary angle, for osteotomy plates and femoral neck plates with \sphericalangle 130°



KT009R

Angle gauge, adjustable,
for torsion osteotomies



Angular Nail Plates – Special Instruments

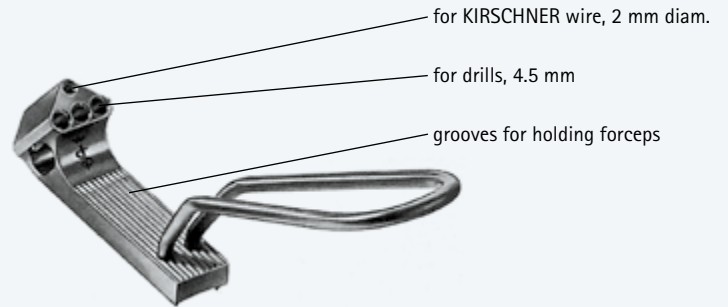
KT019R

Drill guide for pre-drilling the cortex when using angular nail plates with \sphericalangle 130° (K0210S – K0268S).

The KIRSCHNER wire is brought in parallel to the axis of the femoral neck.

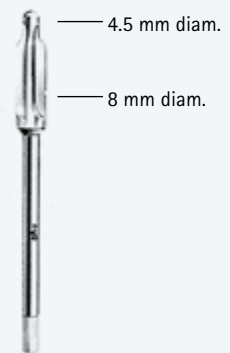
Direction of blade is determined by X-ray and clinically recorded.

Height and direction for the lateral opening for trepanation can easily be determined.



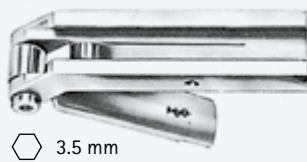
KT015R

90 mm
Countersink with square shank end, to mill groove into the femur shaft.



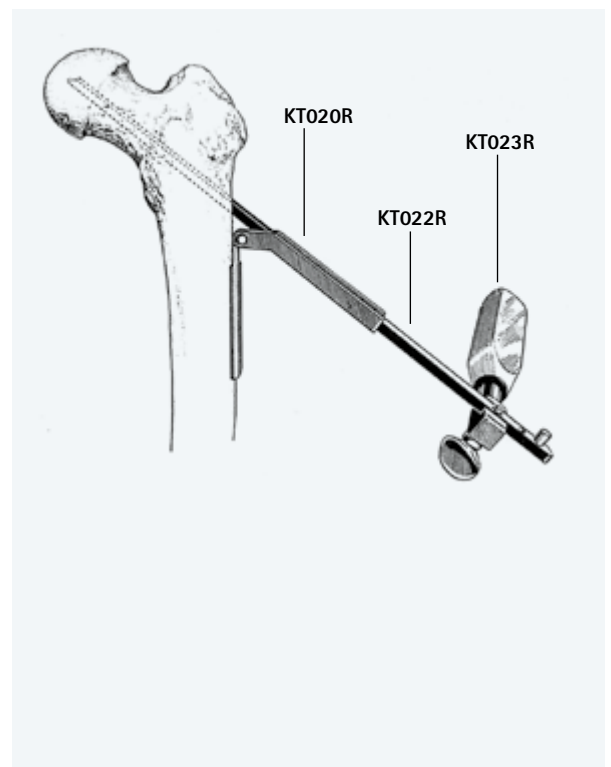
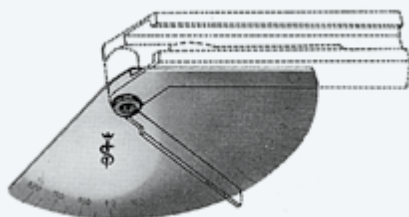
KT020R

Sliding guide for nail starters
KT018R, KT022R, KT024R and KT039R.
Recommended screw driver for fixing the adjusted impacting angle: LS003R or LS004R (screw driver for large bone screws).



KT021R

Angle disk, fitting KT020R, for adjusting the impacting angle for all angular nail plates

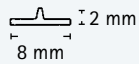


Instruments for Angular Nail Plates

KT018R

260 mm

Nail starter = impactor, to be used
for hip plates in infants
K0271S – K0276S

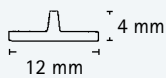


2/5

KT024R

260 mm

Nail starter = impactor, to be used
for hip plates in adolescents and children
K0283S – K0294S
K0296S – K0302S

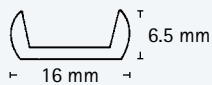


2/5

KT022R

280 mm

Nail starter = impactor, to be used
for hip plates in adults
K0120S – K0138S
K0210S – K0268S
K0304S – K0326S
K0343S – K0372S



2/5

KT039R

260 mm

Nail starter = impactor, to be used
for forked bone plate KP301R



KT023R

190 mm

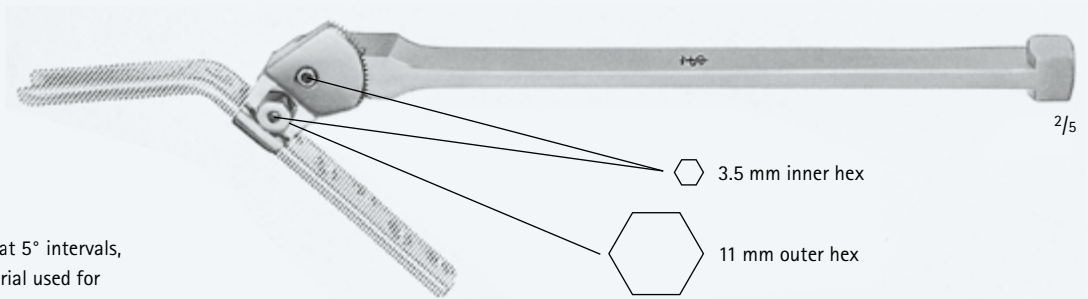
Guide handle for KT018R, KT022R, KT024R, KT031R
and KT039R, to be screwed on



KT026R

270 mm

Impactor-extractor, to be used for angled plates in adults, KO120S – K0138S, KO210S – K0268S, KO304S – K0326S, KO343S – K0372S, modified pattern, \sphericalangle in adjustable at 5° intervals, clamping jaws are made of material used for implants, recommended socket keys: 3.5 mm LS003R, LS004R recommended wrench: 11 mm, FF871R



KT027R

260 mm

Impactor-extractor, to be used for hip plates in adolescents and children KO296S – K0302S, KO283S – K0294S. Clamping jaws are made of material used for implants, recommended socket keys: KP994R or LX470R



KT034R

260 mm

Impactor-extractor, to be used for hip plates in infants KO271S – K0276S, and for bifurcated blade plates KP289S – KP293S. Clamping jaws are made of material used for implants, recommended socket keys: KP994R or LX470R



Instruments for Angular Nail Plates

LX470R

120 mm

Socket key, angled, for KT027R, KT032R and KT034R



KP994R

145 mm

Socket key for KT027R, KT032R and KT034R



LS003R

200 mm

Socket key for KT026R



LS004R

180 mm

Socket key for KT026R



LX471R

165 mm

Socket key, angled, with PEEK-handle for KT026R, KT027R, KT032R and KT034R



FF871R

170 mm

Wrench, double ended, 11 mm and 14 mm, for KT026R



KT030S

210 mm

Impactor for angular nail plates



KT029R

290 mm

Extraction mallet, slotted, for KT018R, KT022R, KT024R, KT026R, KT027R, KT031R, KT032R, KT034R and KT039R



DYNAMIC HIP SCREW SYSTEM | HIP NAILS SPECIAL INSTRUMENTS

Dynamic Hip Screw System

Indication:
 pertrochanteric and intertrochanteric fractures
 (eventual fractures of the femoral neck)

Thread diam.: 12.5 mm
 Thread length: 22 mm
 Shaft diam.: 8 mm

Traction screws



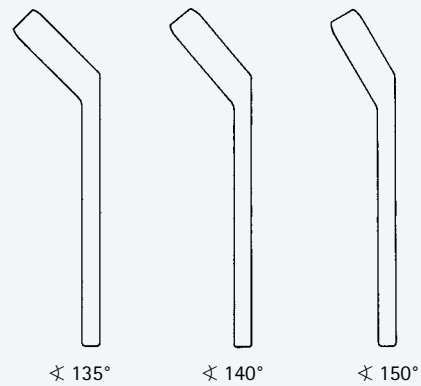
Compression screws



Length	Art. No.
50 mm	K0550S
55 mm	K0555S
60 mm	K0560S
65 mm, 2 1/2"	K0565S
70 mm, 2 3/4"	K0570S
75 mm, 3"	K0575S
80 mm, 3 1/8"	K0580S
85 mm, 3 3/8"	K0585S
90 mm, 3 1/2"	K0590S
95 mm, 3 3/4"	K0595S
100 mm, 4"	K0600S
105 mm, 4 1/8"	K0605S
110 mm, 4 3/8"	K0610S
115 mm, 4 1/2"	K0615S
120 mm, 4 3/4"	K0620S
125 mm, 5"	K0625S
130 mm, 5 1/8"	K0630S
135 mm, 5 1/4"	K0635S
140 mm	K0640S
145 mm	K0645S

Art. No.
 K0535S

Bone plates with spherical gliding holes
 ✕ 135°, 140°, 145°, 150°



Length of plate	No. of holes	Art. No.	Art. No.	Art. No.
48 mm	2	K0402S	-	K0462S
60 mm	3	K0403S	-	-
80 mm	4	K0404S	K0424S	K0464S
96 mm	5	K0405S	K0425S	K0465S
112 mm	6	K0406S	K0426S	K0466S
144 mm	8	K0408S	-	K0468S
176 mm	10	K0410S	-	K0470S
208 mm	12	K0412S	-	K0472S

Recommended screws: 4.5 mm diam.

The plates are notched on the underside to hold compression device LS081R or devices of other makes.



Instruments for implanting Dynamic Hip Screws

KT144S

Guide wire, 230 mm, 9" with thread
Sales Unit: PZ = package of 10 pieces



KT132R

Drill guide, adjustable to 135°, 140°, 145° and 150°



KT145R

Measuring gauge for guide wire, 230 mm, 9"



KT135R

Drill with countersink, for plates with standard cylinder 38 mm



KT137R

Tap



KT138

Guide sleeve, short, for tapping



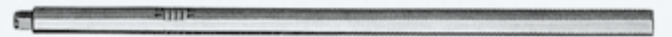
KT151T

Guide sleeve, long for screw insertion



KT140R

Connection shaft, for screw insertion



KT139R

Connection screw, for screw insertion



KT142R

Impactor bolt, for intertrochanteric plates

KT143

Spare tip for the impactor bolt KT142R



KT150R

Inserrer, for inserting and extracting the traction screws



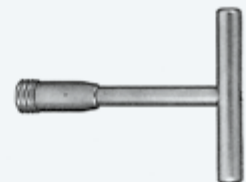
KT152R

Connection Screw, for extracting of the traction screws (to use with KT150R)



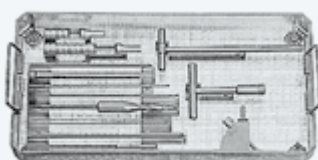
KT153R

T-handle with chuck, for KT132R and KT137R



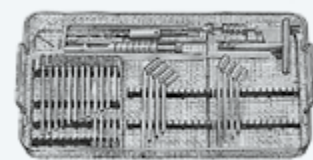
KT129

Storage wire basket
without instruments
485 x 254 x 56 mm



KT130

Storage wire basket
without implants
485 x 254 x 50 mm



Dynamic Hip Screw System – Hip Nails – Special Instruments

LX203R

Handle, with three-jaw chuck, capacity up to 6.5 mm diam.,
cannulated for guide pins up to 4 mm diam., with key GA031201



further handles
see page 6.09

Extraction Instruments for Hip Nails

KH121R Attachment, for small KÜNTSCHER intramedullary pins
KH122R Idem, for femur and tibia intramedullary pins



KH121R **KH122R**

KH490R Extractor
KH113R Slotted hammer



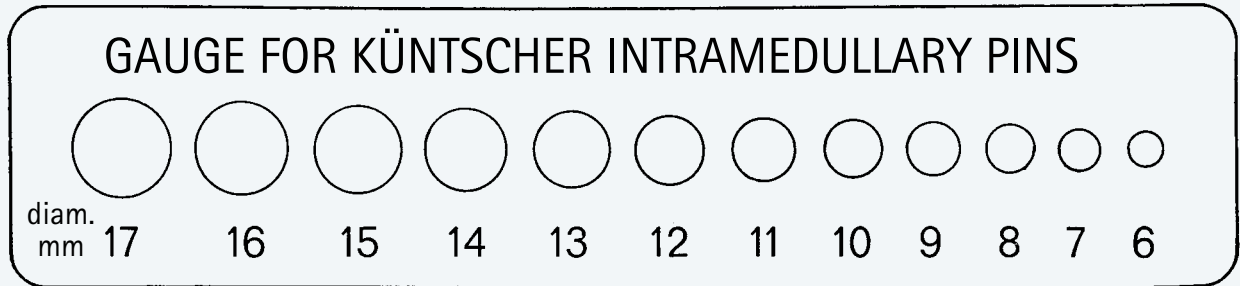
KH490R

KÜNTSCHER INTRAMEDULLARY PINS
HOOK-SHAPED INTRAMEDULLARY PINS
SPECIAL INSTRUMENTS

Instruments for
KÜNTSCHER Intramedullary Pins

KH099R

Gauge, 6 – 17 mm, for controlling the diameter of intramedullary pins, drills resp. cutters



DIN 58803

KH049S

Tissue protector,
made of material used
for implants



KH001R

Reamer (awl) for tibia
for opening the medullary canal
260 mm



DIN 58808

KÜNTSCHER Intramedullary Pins – Hook-shaped Intramedullary Pins – Special Instruments



Burr head

Diameter	
9.0 mm	GE668R
9.5 mm	GE669R
10.0 mm	GE670R
10.5 mm	GE671R
11.0 mm	GE672R
11.5 mm	GE673R
12.0 mm	GE674R
12.5 mm	GE675R
13.0 mm	GE676R
14.0 mm	GE678R
14.5 mm	GE679R
15.0 mm	GE680R
16.0 mm	GE682R
17.0 mm	GE684R
17.5 mm	GE685R
18.0 mm	GE686R
19.0 mm	GE688R
20.0 mm	GE690R
21.0 mm	GE691R
22.0 mm	GE692R
23.0 mm	GE693R
24.0 mm	GE694R

GE661

Set consisting of:

- GE666R Burr shaft
- GE663S Guide wire
- KH319R T-handle
- GE662R Storage rack

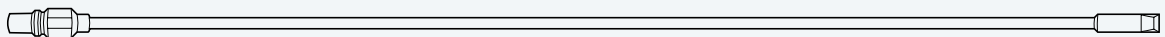


Burr head

Diameter	
9.0 mm	GE668R
9.5 mm	GE669R
10.0 mm	GE670R
10.5 mm	GE671R
11.0 mm	GE672R
11.5 mm	GE673R
12.0 mm	GE674R
12.5 mm	GE675R
13.0 mm	GE676R
14.0 mm	GE678R
15.0 mm	GE680R
16.0 mm	GE682R
17.0 mm	GE684R
18.0 mm	GE686R
19.0 mm	GE688R

GE666R

Burr shaft
470 mm



GE663S

Guide wire
2.5 mm diam.,
length 800 mm



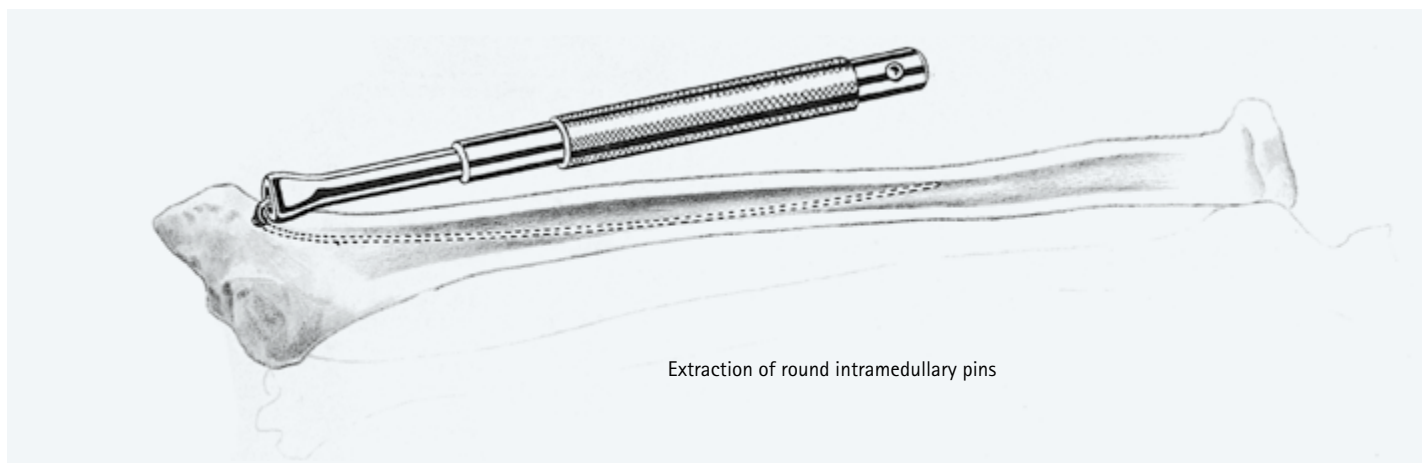
Hook-shaped round Intramedullary Pins with Instruments

acc. to DIN 58822

KÜNTSCHER Intramedullary Pins – Hook-shaped Intramedullary Pins – Special Instruments



Individual pins (see next page)	Sets with rack (see next page)		Reamer with light metal handle	for pins (diam.)	Impactor-extractor
			KJ312S 26 mm	4.8 mm	KJ322S
			KJ313S 24 mm	4.0 mm	KJ323S
KJ100S – KJ124S 3.2 mm diam.	KJ004S	III	KJ314S 22 mm	3.2 mm	KJ324S
KJ155S – KJ198S 2.4 mm diam.	KJ005S	IV	KJ315S 18 mm	2.4 mm	KJ325S



Extraction of round intramedullary pins

Hook-shaped round Intramedullary Pins

acc. to DIN 58822

intramed. individ. pins	IV	III	
Length	diam. 2.4 mm for phalanges, clavicle and other small bones	diam. 3.2 mm for ulna and clavicle	Length
25 mm, 1"	KJ155S A		25 mm, 1"
30 mm, 1 1/4"	KJ156S B		30 mm, 1 1/4"
40 mm, 1 1/2"	KJ158S C		40 mm, 1 1/2"
45 mm, 1 3/4"	KJ159S D		45 mm, 1 3/4"
50 mm, 2"	KJ160S E		50 mm, 2"
60 mm, 2 1/4"	KJ162S F		60 mm, 2 1/4"
65 mm, 2 1/2"	KJ163S G		65 mm, 2 1/2"
70 mm, 2 3/4"	KJ164S H		70 mm, 2 3/4"
75 mm, 3"	KJ165S I		75 mm, 3"
85 mm, 3 1/4"	KJ167S J		85 mm, 3 1/4"
90 mm, 3 1/2"	KJ168S K		90 mm, 3 1/2"
95 mm, 3 3/4"	KJ169S L		95 mm, 3 3/4"
100 mm, 4"	KJ170S M	KJ100S A	100 mm, 4"
115 mm, 4 1/2"	KJ173S	KJ102S B	115 mm, 4 1/2"
125 mm, 5"	KJ175S	KJ104S C	125 mm, 5"
140 mm, 5 1/2"	KJ178S	KJ106S D	140 mm, 5 1/2"
150 mm, 6"	KJ180S	KJ108S E	150 mm, 6"
165 mm, 6 1/2"	KJ183S	KJ110S F	165 mm, 6 1/2"
180 mm, 7"	KJ186S	KJ112S G	180 mm, 7"
190 mm, 7 1/2"	KJ188S	KJ114S H	190 mm, 7 1/2"
205 mm, 8"	KJ191S	KJ116S I	205 mm, 8"
215 mm, 8 1/2"	KJ193S	KJ118S J	215 mm, 8 1/2"
220 mm, 8 3/4"			220 mm, 8 3/4"
230 mm, 9"	KJ196S	KJ120S K	230 mm, 9"
240 mm, 9 1/2"	KJ198S	KJ122S L	240 mm, 9 1/2"
250 mm, 10"			250 mm, 10"
255 mm, 10 1/8"		KJ124S M	255 mm, 10 1/8"

Set of intramedullary pins	KJ005S	KJ004S
	Set with 13 pins KJ155S – KJ170S with rack KJ205	Set with 13 pins KJ100S – KJ124S with rack KJ204

Material used for implants: stainless steel acc. to ISO 5832/1

KIRSCHNER DRILL WIRES
STEINMANN PINS
SCHANZ SCREWS
BONE STAPLES, CERCLAGE WIRE

KIRSCHNER Drill Wires

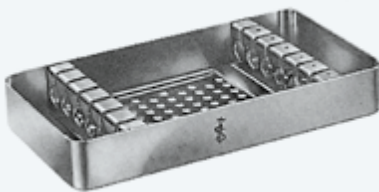
available in packages of 10 each

Sales Unit: PZ



Type acc. to ISO 5838-3

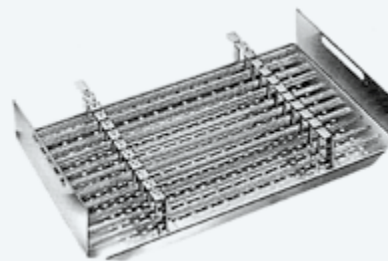
Point	with trocar point on each end					trocar	trocar	trocar
Shaft end						round	flat	round
Length	102 mm	127 mm	152 mm	229 mm	305 mm	70 mm	150 mm	150 mm
diam. 0.8 mm	LX901S	LX902S				LX098S	LX108S	LX128S
diam. 0.9 mm	LX911S	LX912S	LX913S	LX915S	LX917S			
diam. 1.0 mm						LX100S	LX110S	LX130S
diam. 1.1 mm	LX921S	LX922S	LX923S	LX925S	LX927S			
diam. 1.2 mm							LX112S	LX132S
diam. 1.4 mm							LX114S	LX134S
diam. 1.5 mm							LX115S	LX135S
diam. 1.6 mm	LX951S	LX952S	LX953S	LX955S	LX957S		LX116S	LX136S
diam. 1.7 mm							LX117S	LX137S
diam. 1.8 mm							LX118S	LX138S
diam. 2.0 mm							LX120S	LX140S
diam. 2.2 mm							LX122S	LX142S
diam. 2.5 mm							LX125S	LX145S
diam. 3.0 mm								LX146S



LX002R

163 x 88 x 25 mm

Sterilizing rack for finger wires up to max. 165 mm long, with measuring scale and compartments for wires up to 1.0 – 1.2 – 1.4 – 1.6 – 1.8 and 2.0 mm diam.



LX001R

315 x 195 x 60 mm

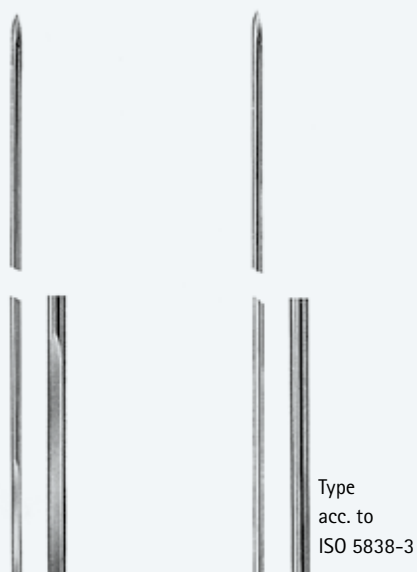
Sterilizing rack for KIRSCHNER wires up to max. 310 mm long, with measuring scale and compartments for wires up to 0.8 – 0.9 – 1.0 – 1.2– 1.4 – 1.5 – 1.6 –1.8 – 2.0 – 2.2 and 2.5 mm diam.

KIRSCHNER Wires

available in packages of 10 each

Sales Unit: PZ

KIRSCHNER Wires– STEINMANN Pins – SCHANZ Screws – Bone Staples, Cerclage Wire



Point	trocar	trocar
Shaft end	flat	round
Length	310 mm	310 mm
diam. 0.8 mm	LX008S	
diam. 1.0 mm	LX010S	LX030S
diam. 1.2 mm	LX012S	LX032S
diam. 1.4 mm	LX014S	LX034S
diam. 1.5 mm	LX015S	LX035S
diam. 1.6 mm	LX016S	LX036S
diam. 1.7 mm	LX017S	
diam. 1.8 mm	LX018S	LX038S
diam. 2.0 mm	LX020S	LX040S
diam. 2.2 mm	LX022S	LX042S
diam. 2.5 mm	LX025S	LX045S
diam. 3.0 mm		LX047S



LX175S
120 mm, 4 3/4"
2.7 mm diam.

Bending iron for boring wires

Cerclage Wire



KY004S – KY015S

Wire, soft, tissue compatible, in coils of 10 m, can be sterilized in an autoclav up to 3 bar (143° C)

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



ORMOD-SCHMITT

KY100S

Ligature disk

KIRSCHNER Wires– STEINMANN Pins – SCHANZ Screws – Bone Staples, Cerclage Wire



trocar point



flat cutting edge



	STEINMANN pins with centre thread	SCHANZ Screws thread length 12 mm		thread length 16 mm
Point	trocar	flat		
Shaft end	triangular	triangular		
Length	Diam. 1.6 mm	Diam. 1.8 mm	Diam. 1.8 mm	Diam. 3.0 mm
40 mm		LX740S	LX741S	
50 mm		LX742S	LX743S	LX750S
55 mm	LX757S			
60 mm				LX751S
65 mm	LX758S			
Pre-drill diam.	1.0 mm	1.0 mm	1.0 mm	2.0 mm
Handle with chuck	LX770R	LX770R	LX770R	LX371R

STEINMANN Pins



acc. to
DIN 58824
type C



←
Diam. of thread =
0.5 mm larger
than pin diam.

STEINMANN pins			STEINMANN pins with centre thread			
Point	trocar		trocar			
Shaft end	triangular		triangular			
	Diam. 4.0 mm	Diam. 4.5 mm	Diam. 5.0 mm	Diam. 4.0 mm	Diam. 4.5 mm	Diam. 5.0 mm
Length						
60 mm						
70 mm						
80 mm	KX108S					
90 mm						
100 mm	KX110S					
110 mm						
120 mm	KX112S					
125 mm						
130 mm						
140 mm	KX114S					
145 mm						
150 mm	KX115S	KX225S	KX245S		KX325S	KX345S
160 mm	KX116S					
165 mm						
170 mm						
180 mm	KX118S	KX228S	KX248S	KX308S	KX328S	KX348S
200 mm	KX120S	KX230S	KX250S	KX310S	KX330S	KX350S
210 mm	KX121S					
250 mm	KX125S	KX235S	KX255S			KX360S
300 mm			KX260S			
Pre-drill diam.	3.5 mm	4.0 mm	4.5 mm	3.5 mm	4.0 mm	4.5 mm
Handle with chuck	LX351R	s. p. 6.09	s. p. 6.09	LX351R	s. p. 6.09	s. p. 6.09
Protection cap	KX262	–	KX261	KX262	–	KX261

KIRSCHNER Wires– STEINMANN Pins – SCHANZ Screws – Bone Staples, Cerclage Wire



SCHANZ Screws			SCHANZ Screws fitting WAGNER lengthening apparatus			
Point	flat	trocar	flat	trocar		
Shaft end	triangular	triangular	triangular	triangular		
	Diam. 4.0 mm	Diam. 5.0 mm	Diam. 5.0 mm	Diam. 3.0 mm	Diam. 4.0 mm	Diam. 6.0 mm
Length						
60 mm				LX381S		
70 mm						
80 mm		KX368S	KX369S	LX383S		
90 mm	KX404S					
100 mm				LX385S		
110 mm						
120 mm		KX372S	KX373S			
125 mm						
130 mm	KX408S					
140 mm						
145 mm						
150 mm	KX410S	KX375S	KX376S			
160 mm						
165 mm						
170 mm	KX413S	KX377S	KX378S			
180 mm						
200 mm		KX380S	KX381S			
250 mm		KX385S	KX386S			
300 mm						
Pre-drill diam.	2.5 mm	3.5 mm	3.5 mm	2.0 mm	2.5 mm	3.8 mm
Handle with chuck	LX351R	s. p. 6.09	s. p. 6.09	LX371R	LX351R	LX335R

Handles

Handles with chuck for STEIN-
MANN pins and SCHANZ screws
with triangular shaft



LX770R
for 1.6 and 1.8 mm diam.



LX371R for 3.0 mm diam.
LX351R for 4.0 mm diam.
LX335R for 6.0 mm diam.

KIRSCHNER Wires– STEINMANN Pins – SCHANZ Screws – Bone Staples, Cerclage Wire

Handles with three-jaw chuck, for KIRSCHNER wires, STEINMANN pins, SCHANZ screws, guide wires and such like, with round or triangular shaft



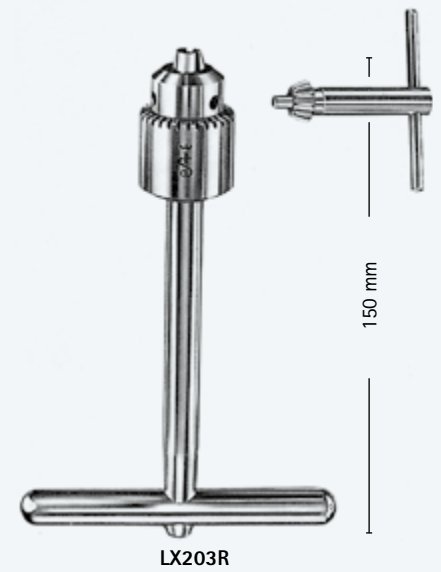
LX202S

Capacity of chuck (diam.)	Shaft cannulated (diam.)	with key	Length
6.35 mm	4.1 mm	no key needed, to be tightened by hand	100 mm

Handles

Handles with three-jaw chuck, for KIRSCHNER wires, STEINMANN pins, SCHANZ screws, guide wires and such like, with round or triangular shaft

Capacity of chuck (diam.)	Shaft cannulated (diam.)	with key	Length
6.5 mm	4.1 mm	GA031201	160 mm



Handles with three-jaw chuck, for KIRSCHNER wires, STEINMANN pins, SCHANZ screws, guide wires and such like, with round or triangular shaft

Capacity of chuck (diam.)	Shaft cannulated (diam.)	with key	Length
4.5 mm	3.8 mm	GA062R	150 mm

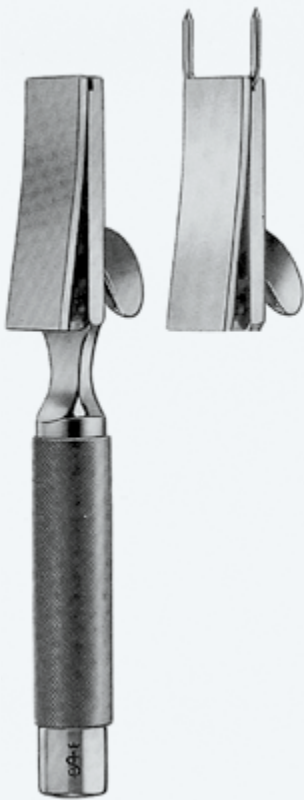


KIRSCHNER Wires– STEINMANN Pins – SCHANZ Screws – Bone Staples, Cerclage Wire



KX524S
BLOUNT bone staples

KX525S



**BLOUNT
KX517R**
Instrument for holding and impacting bone staples



**BLOUNT
KX518R**
190 mm
Impactor

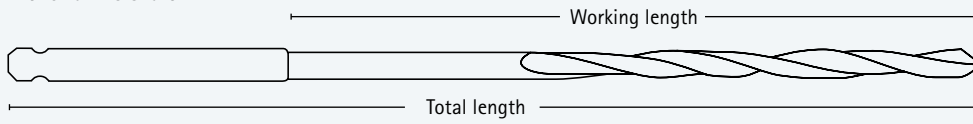


**BLOUNT
KX519R**
186 mm
Extractor for bone staples

INSTRUMENTS FOR BONE SCREWS AND BONE PLATES

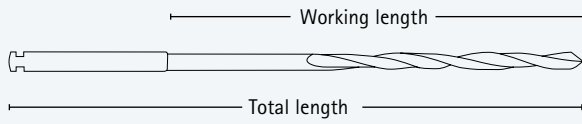
Twist Drills

Twist drills
with small AO Shaft



\emptyset	Art. No.	Total length mm	Working length mm
1.1 mm	GC310R	60.0	35.0
1.5 mm	GC312R	85.0	60.0
2.0 mm	GC314R	100.0	75.0
2.0 mm	GC378R	125.0	100.0
2.5 mm	GC315R	110.0	85.0
2.5 mm	GC380R	125.0	100.0
2.7 mm	GC316R	100.0	75.0
3.2 mm	GC319R	145.0	120.0
3.2 mm	GC372R	195.0	170.0
3.5 mm	GC320R	110.0	85.0
3.5 mm	GC375R	195.0	170.0
4.5 mm	GC323R	145.0	120.0
4.5 mm	GC377R	200.0	175.0

Dental twist drills



Ø	Art. No.	Total length mm	Working length mm
1.1 mm	GC481R	38.0	23.0
1.1 mm	GC461R	65.0	35.0
1.5 mm	GC491R	28.0	10.0
1.5 mm	GC482R	38.0	23.0
1.5 mm	GC462R	75.0	45.0
1.5 mm	GC468R	105.0	28.0
2.0 mm	GC464R	90.0	60.0

Threader



for Screws diam.	Dental shaft	Length mm	small AO Shaft	T-bar
1.5 mm	GC437R	50		
2.0 mm	GC438R	54		
2.7 mm			GC339R	LS052R
3.5 mm thread pitch 1.25			GC341R	LS050R
3.5 mm thread pitch 1.75			GC340R	LS053R
4.0 mm			GC346R	LS051R
4.5 mm Standard			GC344R	LS055R
4.5 mm			GC345R	
6.5 mm			GC348R	LS060R



for Screws diam.	Dental shaft	Length mm	small AO Shaft	T-bar
1.5 – 2.0 mm	GC431R	25		
2.7 – 3.5 – 4.0 mm			GC332R	
4.5 mm cortical			GC335R	
6.5 mm				LS066R
6.5 mm flat-headed				



LS007R
Screw holding
sheath fit into screw
drivers GC457R,
GC458R, LS005R



LS008R
Screw holding
sheath fit into screw
drivers GC355R,
LS002R



for Screws	Dental shaft	small AO shaft
diam. 1.5 – 2.0 mm with hex. recess in head (width across flats 1.5 mm)	GC458R LS007R	50 mm holding sheath
diam. 2.7 – 3.5 – 4.0 mm with hex. recess in head (width across flats 2.5 mm)		GC355R LS008R 130 mm holding sheath
diam. 4.5 – 6.5 mm with hex. recess in head (width across flats 3.5 mm)		GC354R 130 mm



T-Bar

Special screw driver for removing screws having deformed hex. recess in head

LS005R 120 mm
screw holding
LS007R sheath

LS002R 200 mm
screw holding
LS008R sheath

LS001R 200 mm
with holding spring
LS003R 200 mm
LS013R 200 mm
with strong handle

LS004R 180 mm
SW 3.5 mm

LS059R 140 mm
SW 2.5 mm

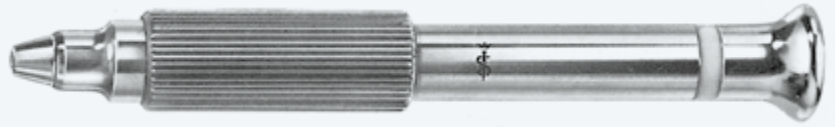
LS099R 140 mm
SW 3.5 mm

LS021R 250 mm with
lane screwdriver

Handles

GC407R

Handle with quick-action chuck, for tools with dental shaft



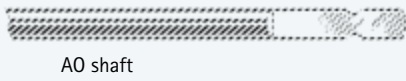
GC405R

T-bar handle with quick-action chuck, for tools with square shaft



GC475R

T-bar handle with quick-action chuck, for tools with AO shaft



LS037S

100 mm

Screw holding forceps

made of material used for implants



LS040S

90 mm

Self-holding screw forceps, especially suitable for small screws,

made of material used for implants



Screw depth gauges, to select proper length of screw

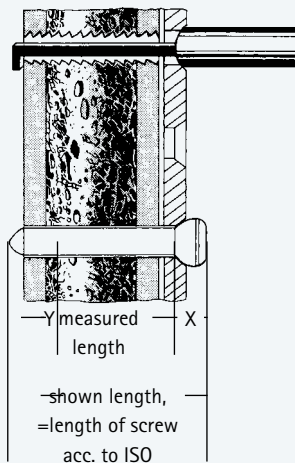
	measuring range	for screws (diam.)
LS044R	6 – 40 mm	2.7 mm
155 mm		3.5 mm
		4.0 mm



LS047R	10 – 60 mm	4.5 mm
220 mm		6.5 mm



LS048R	10 – 100 mm	4.5 mm
270 mm		6.5 mm



$X + Y =$ parameter integrated in screw depth gauge

Instruments for removal of broken Bone Screws used in Osteosynthesis

LX179R

200 mm

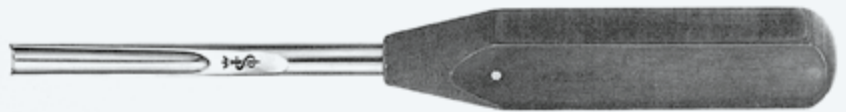
Forceps with speed-lock, for removing broken screws with shaft resp. thread from 3.0 mm diam. onwards



FL420R

205 mm

Gouge with PEEK handle



For bone screws with diam.

3.5 mm

4.5 mm

6.5 mm

Countersink with guide

LS263R

LS264R

LS265R



Hollow mill, cylindrical

LS243R

LS244R

LS245R



Extraction sheath with internal conical left-hand thread

LS253R

LS254R

LS255R

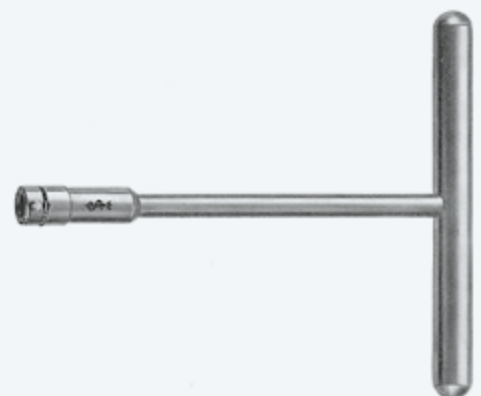


Socket wrench for instruments with triangular shaft

LX335R

LX335R

LX335R



Instruments for Bone Screws and Bone Plates

Art. No.	No. of holes	Length	
LS210	5	90 mm	for standard plates
LS212	7	120 mm	LM102S – LM116S, LM125S – LM138S,
LS214	9	150 mm	LM402S – LM416S, LM425S – LM438S
LS216	12	200 mm	
LS220	5	60 mm	for one-third tubular plates
LS222	7	85 mm	LM302 – LM308 and
LS224	9	100 mm	self-compressing bone plates
LS226	12	120 mm	LN342 – LN352



LS210 – LS226
Bending templates

LS207R
140 mm
Bending iron,
especially for mandibular plates LN280

LS204
120 mm
Bending iron,
for small plates

LS206R – LS207R
140 mm
Bending iron,
for small plates



LS206R

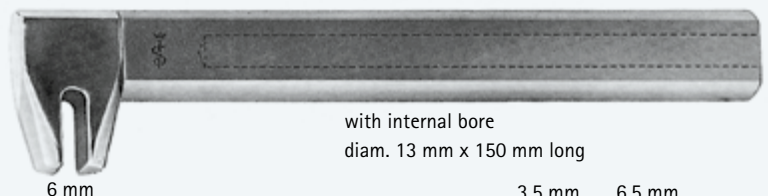


LS207R



JEWETT
LS201S
200 mm
Bender, for bending bone plates
and intramedullary pins

JEWETT
LS202S
200 mm
Bender, for bending bone plates
and intramedullary pins



with internal bore
diam. 13 mm x 150 mm long

6 mm
head made of material
used for implants

3.5 mm
diam. 6.5 mm
diam.

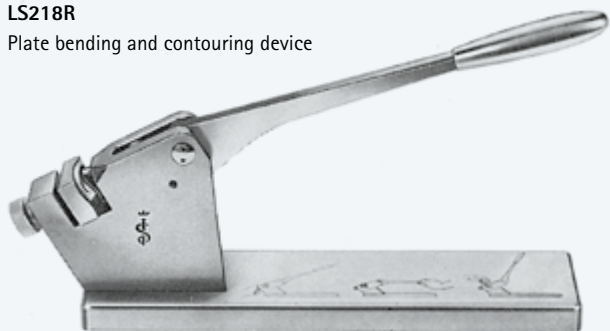


4.0 mm
diam. 8.0 mm
diam.

Plate Bending Pliers,
Plate Bending- and Contouring Device,
Plate Holding Forceps, Screw vice

LS218R

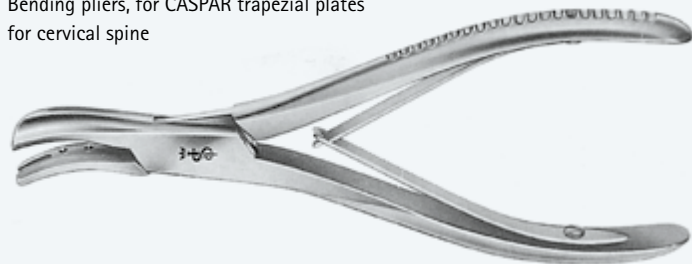
Plate bending and contouring device



FF956R

180 mm

Bending pliers, for CASPAR trapezial plates
for cervical spine



LS205R

140 mm

Bending pliers for small plates

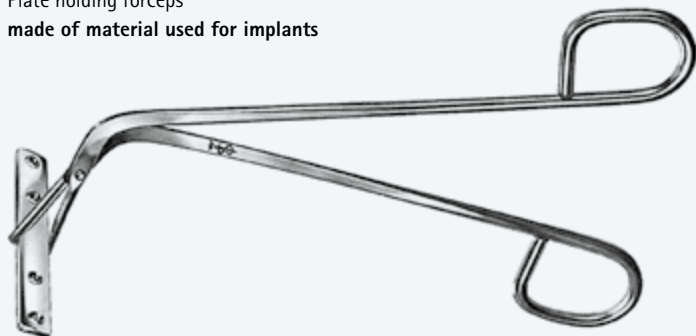


LS230S

200 mm

Plate holding forceps

made of material used for implants



LS231R

135 mm

Holding forceps for small bone plates



Instruments for Bone Screws and Bone Plates



LS121R

Drill guide for self-compressing bone plates
LN267S – LN272S, LN280S, LN309S – LN317S

consisting of:

- LS120R Handle, double-ended
 - LS122R neutral drill guide
 - LS123R load drill guide (with arrow)
- suitable for drills with 2 mm diam.



LS122R

Neutral drill guide for compressionless fixation, can be turned and exchanged on the handle



LS123R

Load drill guide (with arrow), can be turned and exchanged on the handle



LS125R

Drill guide for self-compressing bone plates
LN342S – LN352S

consisting of:

- LS120R handle, double-ended
 - LS126R neutral drill guide
 - LS123R load drill guide (with arrow)
- suitable for drills with 2.5 mm diam.



LS126R

Neutral drill guide for compressionless fixation, can be turned and exchanged on the handle



LS137S

Load drill guide (with arrow), can be turned and exchanged on the handle



LS064R
Handle for
LS129S and
LS131S

LS128R

Drill guide for self-compressing bone plates
LM155S – LM160S, LM402S – LM416S and
LM425S – LM438S

consisting of:

- LS064R handle
 - LS129S **neutral drill guide**
- suitable for drills with 3.2 mm diam.



LS129S

Neutral drill guide for compressionless fixation, can be turned and exchanged on the handle



LS131S

Load drill guide (with arrow), can be turned and exchanged on the handle

LS130R

Drill guide for self-compressing bone plates
LM155S – LM160S, LM402S – LM416S and
LM425S – LM438S

consisting of:

- LS064R handle
 - LS131S **load drill guide** (with arrow)
- suitable for drills with 3.2 mm diam.

Drill Guides for self-compressing Bone Plates with spherical gliding holes



LS132R

Drill guide for self-compressing bone plates
LM155S – LM160S, LM402S – LM416S and
LM425S – LM438S

consisting of:

- LS134R handle, double-ended
 - LS129S neutral drill guide
 - LS131S load drill guide (with arrow)
- suitable for drills with 3.2 mm diam.



LS129S

Neutral drill guide for compressionless fixation, can be turned and exchanged on the handle



LS131S

Load drill guide (with arrow), can be turned and exchanged on the handle



LS133S

Drill guide for self-compressing bone plates
LM145S, LM150S – LM153S, LM155S – LM160S, LM402S – LM416S
and LM425S – LM438S, in particular for self-compressing angled plates
K0120S – K0138S,
K0210S – K0268S,
K0283S – K0294S,
K0296S – K0302S,
K0304S – K0326S and
K0343S – K0372S.

consisting of:

- LS134R handle, double-ended
 - LS136S neutral drill guide
 - LS137S load drill guide (with arrow)
- suitable for drills with 3.2 mm diam.



LS136S

Neutral drill guide for compressionless fixation, can be turned and exchanged on the handle



LS137S

Load drill guide (with arrow), can be turned and exchanged on the handle



LS140R

Drill template for narrow, self-compressing bone plates
LM402S – LM416S



LS142R

Drill template for broad, self-compressing bone plates
LM425S – LM438S

Drill templates allow setting of screw holes by viewing the exactly reduced fracture whereby the max. load distance of 1 mm is given. The use of the load drill guide (eccentric) is not necessary.

LS084R

Mini drill sleeve
for drills with 1.1 and 1.5 mm diam.



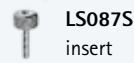
LS089R for drills with 2.0 mm diam.
LS091R for drills with 2.5 mm diam.
Drill guide and drill sleeve
with 3 resp. 1 hole



LS085R

Holding drill guide,
consisting of:

- LS086R holding drill guide, only, for drills with 2.7 mm diam.
- LS087S insert for drills with 1.5 mm diam.
- LS088S insert for drills with 2.0 mm diam.



LS087S
insert



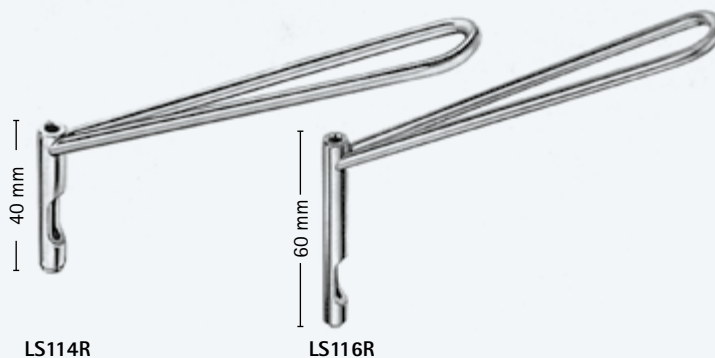
LS088S
insert



LS086R
holding drill
guide only

Insert sleeves
for piercing distal cortex

Art. No.	outside diam.	for drills diam.	fitting drill guide
LS090R	3.5 mm	2.0 mm	LS096R
LS097R	3.5 mm	2.7 mm	LS096R
LS076S	4.5 mm	3.2 mm	-



LS114R – LS116R

Drill sleeves for plates,
for drills 3.2 mm diam.

Drill Guides

LS096R

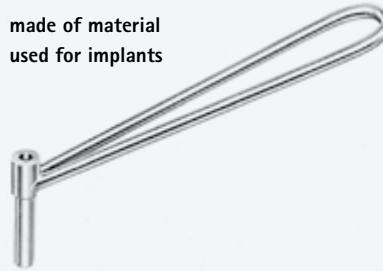
Small pointed drill guide,
for drills with 3.5 mm diam.,
can also be used with insert sleeves
LS090R and LS097R



LS071S

Tissue protector sleeves
for taps 3.5 mm diam.
can also be used as drill guide
for drills up to 3.5 mm diam.

made of material
used for implants



LS077S

Tissue protector sheath, complete, consisting of:

LS78S Tissue protector sleeves, only
for drills and taps 4.5 mm diam.

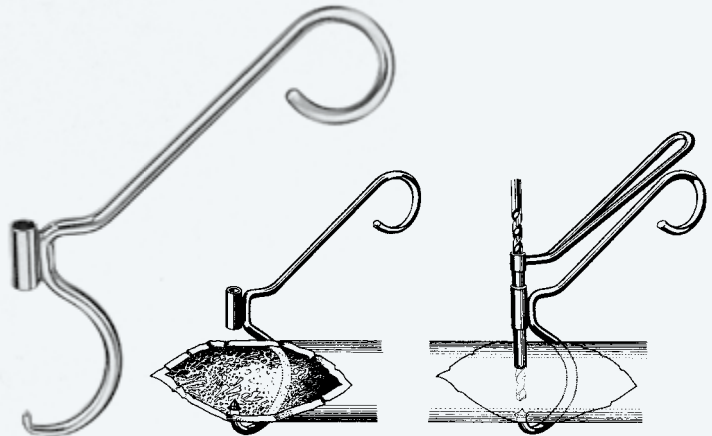
LS79S Sheath for centric drilling on fixed plate,
(to be pushed on LS078S)
outside diam. 8.0 mm

made of material
used for implants



LS102R

Pointed drill guide
to be used with tissue protector sleeves LS078S
inside diam. 6.5 mm



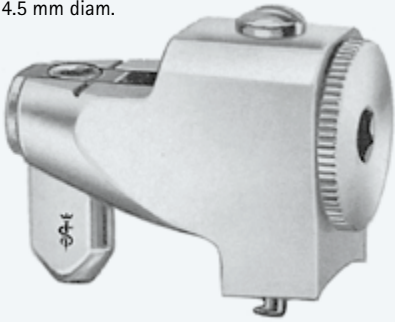
LS080S

Tissue protector sleeves,
for drills and taps up to 6.5 mm diam.



Bone Plate Compression Device

4.5 mm diam.



LS081R

Compression device for bone plates and angular nail plates

Drill guide and catch pin of the compression device are made of material used for implants

Catch pin for inserting in either end hole of the plate



LS083R

Fixation bolt for compression device



LS082R

Ratchet spanner, reversible, for tightening and loosening

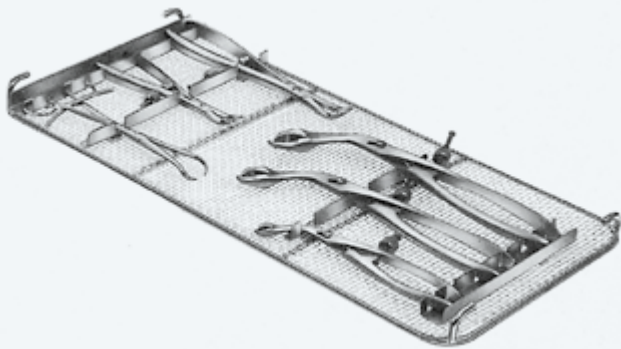


DB402R

Sharp hook, for checking alignments of fracture ends and for cleaning the screw head from tissue

OSTEOSYNTHESIS SETS
WITH THE AESCULAP®
STERILE CONTAINER SYSTEM

Osteosynthesis Sets with the Aesculap® Sterile Container System



Osteosynthesis Sets

consisting of: implants, instruments, storage, packing stencil, wrapping drape and two identification labels

Sterile Container to be ordered separately

LP215	Bone Holding Forceps (standard set)	JK440	JK489
LP230	Basic Instrument Set for Bone Screws and Plates	JK340	JK389
LP235	Set of Bone Screws	JK341	JK389
LP245	Set of Bone Plates with spherical gliding holes	JK340	JK389
LP250	Instruments for Angular Nail Plates	JK440	JK489
LP255	Additional Instrument Set for Angular Nail Plates	JK440	JK489
LP260	Small Fragment Instrument Set	JK340	JK389
LP265	Small Fragment- and Mini Instrument Set	JK340	JK389
LP270	Small Fragment Implant Set	JK340	JK389
LP275	Small Fragment- and Mini Implant Set	JK340	JK389
LP280	Reduced Small Fragment Instrument Set (with implants)	JK341	JK389

For more sterile containers see our catalog no. C404

For more lids see our catalog no. C404

For consumables see our catalog no. C404

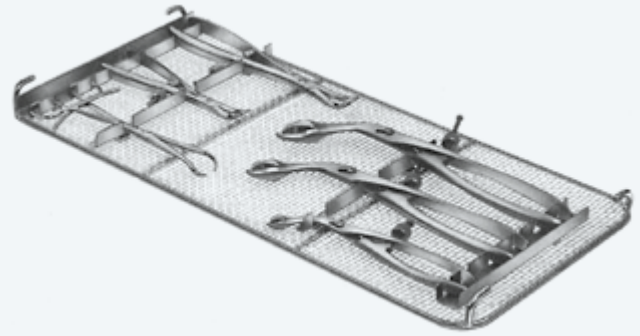
Bone Holding Forceps (standard set)
with the Aesculap® Sterile Container System

Osteosynthesis Sets with the Aesculap® Sterile Container System

LP215 Bone Holding Forceps (standard set)

consisting of:

- FO118R 1 Reduction forceps with points, 200 mm
- FO124R 1 idem, with thread fixation, 160 mm
- FO125R 2 idem, with thread fixation 220 mm
- FO170R 1 Self-centering bone holding forceps with thread fixation, 190 mm
- FO172R 1 idem, 260 mm
- FO173R 1 idem, 280 mm
- LP016R 1 Storage wire base (empty)
- JG785B 2 Identification labels, red
- JF511 1 Wrapping drape



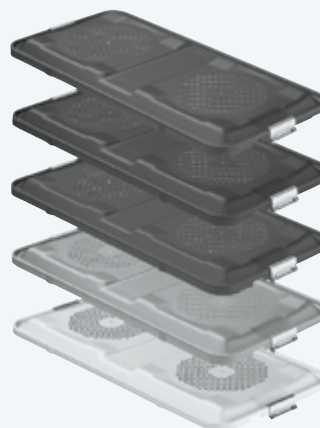
To be ordered separately

JK440 Container body without base perforation
592 x 274 x 90 mm



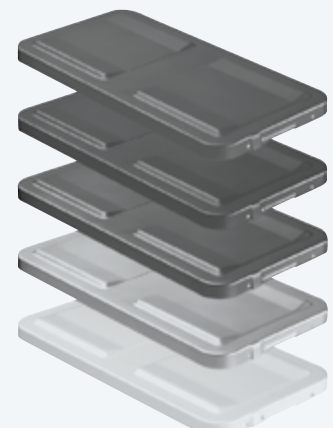
Lids for individual color combination

Inner lid



- JK485 red
- JK486 blue
- JK487 green
- JK488 gold
- JK489 silver

Outer lid



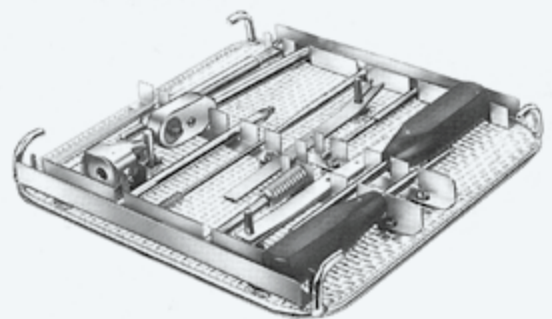
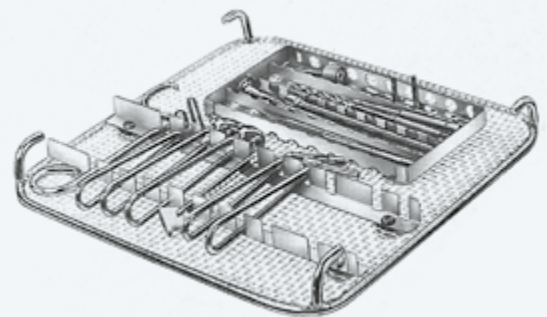
- JK475A red
- JK476A blue
- JK477A green
- JK478A gold
- JK479A silver

Basic Instrument Set for Bone Screws and Bone Plates with the Aesculap® Sterile Container System

LP230 Basic Instrument Set for Bone Screws and Bone Plates

consisting of:

- GC314R 2 Twist drills, 2.0 mm diam.
- GC319R 3 idem, 3.2 mm diam.
- GC323R 2 idem, 4.5 mm diam.
- GC344R 2 idem, 4.5 mm diam., long
- LS089R 1 Drill guide and drill sleeve for drills with 2.0 mm diam.
- LS071R 1 Tissue protector sheath for 3.5 mm diam.
- LS076R 1 Drill guide for drills with 3.2 mm diam.
- LS078R 1 Tissue protector sheath for 4.5 mm diam.
- LS102R 1 Aiming device with pin
- LS008R 1 Screw holding sheath
- GC354R 1 Screw driver, width across flats 3.5 mm
- LS114R 1 Drill guide for drills with 3.2 mm diam.
- LS131S 1 Load guide for drills with 3.2 mm diam.
- LS129S 1 Neutral drill guide for drills with 3.2 mm diam.
- LS140R 1 Drilling template
- LS142R 1 Drilling template
- LS064R Handle F/LS129 S/LS131 S/LS136 S/LS137S
- LP031R 1 Storage wire base (empty)
- LS066R 1 Countersink, 4.5 mm diam., with T-bar
- GC475R 1 Handle bar to take square shafts
- LS060R 1 Tap with T-bar, 6.5 mm diam.
- LS002R 1 Screw driver, width across flats 2.5 mm
- LS003R 1 Screw driver, width across flats 3.5 mm
- LS047R 1 Screw depth gauge
- DB402R 4 Sharp hook
- LS039R 1 Key, forked
- LS081R 1 Bone plate compression device
- LS082R 1 Ratchet spanner
- LS083R 1 Fixation bolt
- LS210 1 Bending template, 5 holes
- LS212 1 Bending template, 7 holes
- LS214 1 Bending template, 9 holes
- LP032R 1 Storage wire base, bottom (empty)
- JG785B 2 Identification labels, red
- JF501 2 Wrapping drapes



To be ordered separately

- JK340** Container body without base perforation
300 x 274 x 90 mm



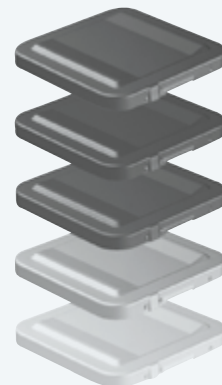
Lids for individual color combination

Inner lid



- JK385** red
- JK386** blue
- JK387** green
- JK388** gold
- JK389** silver

Outer lid



- JK375A** red
- JK376A** blue
- JK377A** green
- JK378A** gold
- JK379A** silver

Set of Bone Screws with the Aesculap® Sterile Container System

Osteosynthesis Sets with the Aesculap® Sterile Container System

LP235 Set of Bone Screws

consisting of:

LS037S 1 Screw holding forceps

LA114S – LA160S

186 Cortical screws, 4.5 mm diam.
7 each 14 mm long,
8 each 16, 18, 20, 22, 24, 26, 28 mm long,
16 each 30 mm long,
12 each 32, 34, 36, 38, 40, 44 mm long
6 each 42, 46, 48, 52, 56 mm long,
5 each 60 mm long

LA225S – LA270S

22 Malleolar screws, 4.5 mm diam.
2 each 25, 30, 35, 40, 45, 50, 55, 60 mm long,
3 each 65, 70 mm long

LA425S, LA330S – LA362S

50 Cancellous screws, 6.5 mm diam., 16 mm thread
6 each 25 mm long
2 each 30, 35, 40, 45, 50, 55, 60 mm long,
3 each 65, 70, 75, 80, 85, 90, 95, 100, 105, 110 mm long

LA430S, LA432S, LA434S, LA369S – LA386S

40 Cancellous screws, 6.5 mm diam., 32 mm thread
4 each 30, 35, 40, 45, 50, 55, 60 mm long,
3 each 65, 70, 80, 90 mm long

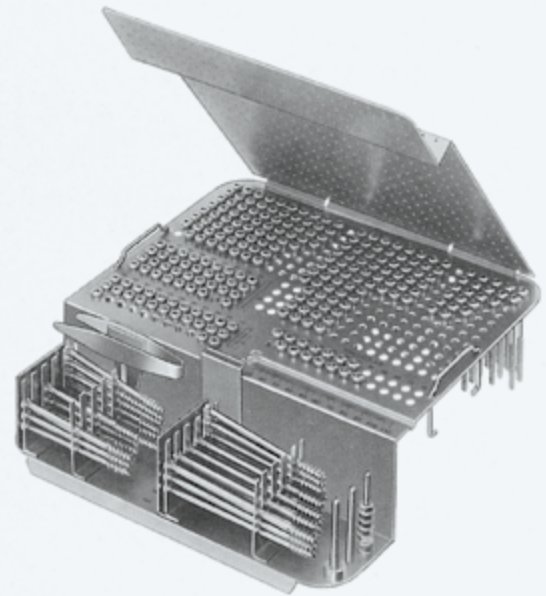
LA196S 6 Nuts for cortical screws, 4.5 mm diam.

LA198S 6 Washers for cancellous screws, 6.5 mm diam.

LP036D 1 Storage rack only with lid (empty) with
1 Packing stencil for LP036D (cannot be sterilized)

JG645B 2 Identification labels, red

JF501 2 Wrapping drapes



To be ordered separately

JK341 Container body without base perforation
300 x 274 x 90 mm



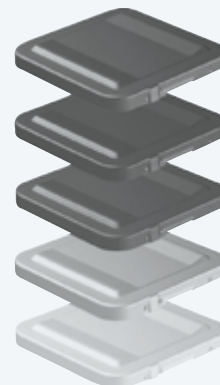
Lids for individual color combination

Inner lid



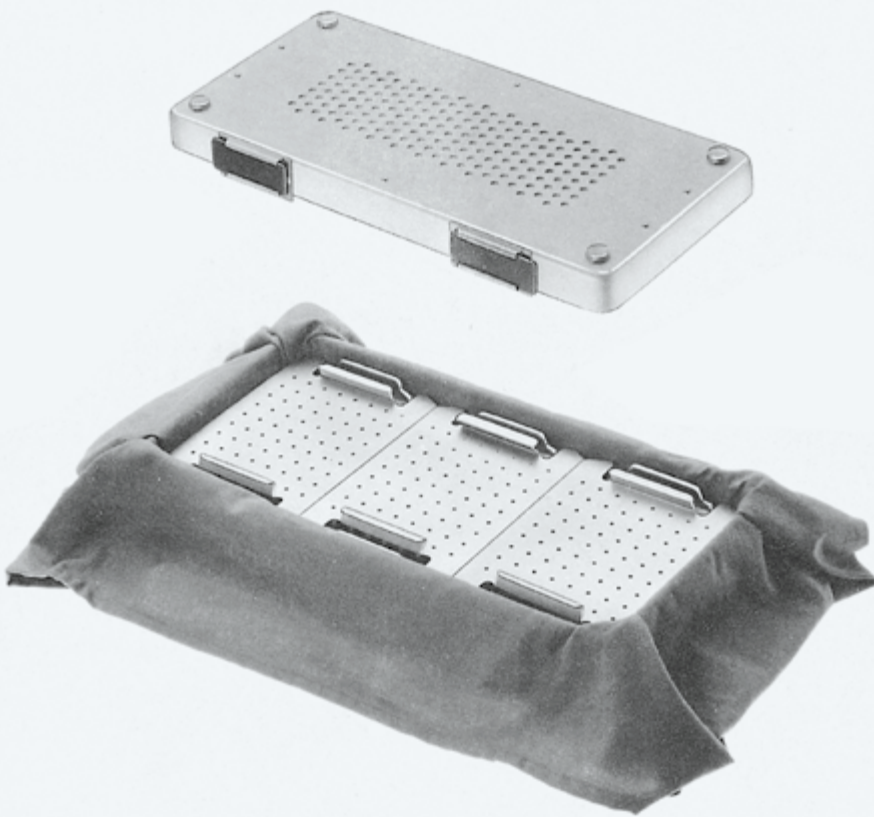
JK385 red
JK386 blue
JK387 green
JK388 gold
JK389 silver

Outer lid



JK375A red
JK376A blue
JK377A green
JK378A gold
JK379A silver

Racks for Small Fragment Bone Screws with the Aesculap® Sterile Container System

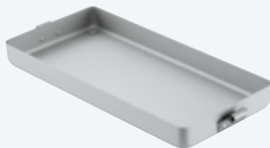


to be ordered separately

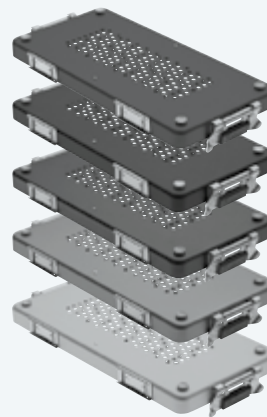
JK188 1 Container body without base perforation
310 x 132 x 57 mm,
to take up for choice 3 racks
JF862D - JF867D

JF738 1 Wrapping drape

JG645B 2 Identification labels, red



Lids for individual color combination



JK170 red
JK171 blue
JK172 green
JK173 gold
JK174 silver

Set of self-compressing Bone Plates
with spherical gliding holes with
the Aesculap® Steril Container System

Osteosynthesis Sets with the Aesculap® Sterile Container System

LP245 Set of Bone Plates with spherical gliding holes

consisting of:

LM404S	2 Narrow self-compressing bone plates,	4 holes
LM405S	2 idem,	5 holes
LM406S	4 idem,	6 holes
LM407S	2 idem,	7 holes
LM408S	2 idem,	8 holes
LM409S	2 idem,	9 holes
LM410S	1 idem,	10 holes
LM412S	1 idem,	12 holes
LM426S	2 Broad self-compressing bone plates,	6 holes
LM427S	2 idem,	7 holes
LM428S	2 idem,	8 holes
LM429S	1 idem,	9 holes
LM430S	1 idem,	10 holes
LM432S	1 idem,	12 holes
LM434S	1 idem,	14 holes

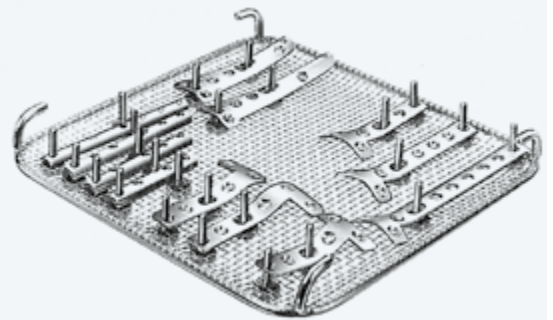
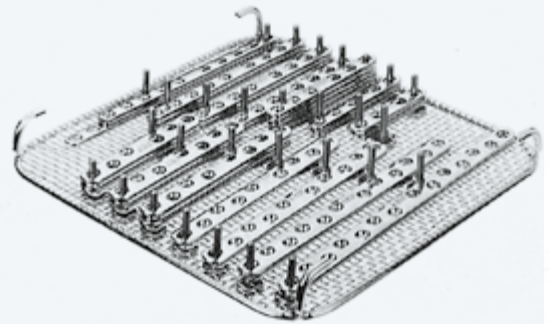
LP041 1 Storage wire base, top (empty)

LM168S	1 T-shaped bone plate,	4 holes
LM172S	1 idem,	6 holes
LM173S	1 idem,	8 holes
LM184S	1 T-buttress plate,	4 holes
LM190S	1 L-buttress plate,	4 holes
LM191S	1 idem,	4 holes
LM195S	1 Spoon-shaped plate,	5 holes
LM196S	1 idem,	6 holes
LM324S	2 Semi-tubular plates,	4 holes
LM325S	2 idem,	5 holes
LM326S	2 idem,	6 holes
LM327S	1 idem,	7 holes

LP042 1 Storage wire base, bottom (empty)

JG645B 2 Identification labels, red

JF501 2 Wrapping drapes



to be ordered separately

JK341 Container body without base perforation
300 x 274 x 120 mm



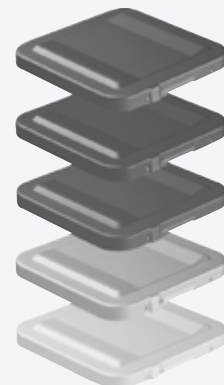
Lids for individual color combination

Inner lid



JK385 red
JK386 blue
JK387 green
JK388 gold
JK389 silver

Outer lid



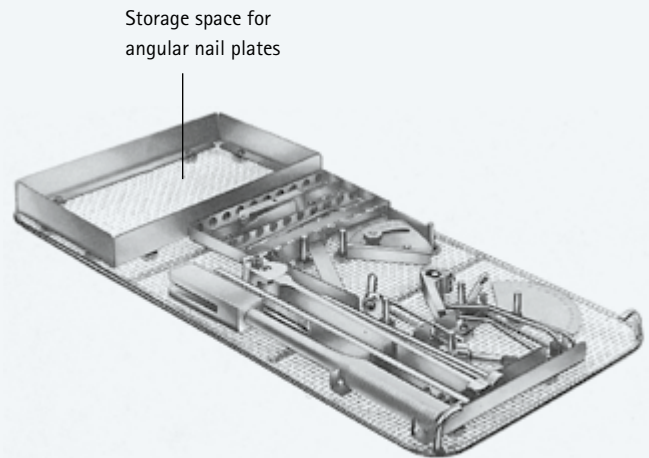
JK375A red
JK376A blue
JK377A green
JK378A gold
JK379A silver

Instruments for Angular Nail Plates with the Aesculap® Sterile Container System

LP250 Instruments for Angular Nail Plates

consisting of:

KT007R	1 Angle gauge, adjustable
KT005R	1 Angle gauge for condylar plates
KT019R	1 Drill guide
KT015R	1 Countersink with square shank, for milling groove into femur shaft
KT022R	1 Nail-starter - impactor
KT020R	1 Sliding guide for nail starter
KT021R	1 Angle disk
KT029R	1 Extraction mallet, slotted
KT026R	1 Impactor-extractor
KT030R	1 Impactor
LS116R	1 Drill guide for drills with 3.2 mm diam.
LS134R	Handle double-ended F/LS132R/LS133S
LS136S	Neutr. drill socket F/D 3.2 mm Long only
LS137S	Compr. drill socket F/D 3.2 mm Long only
LX470R	Socket Key Ang 5 mm/120 mm W/SET LP150
LP051R	1 Storage wire base (empty)
JG645B	2 Identification labels, red
JF511	1 Wrapping drape



To be ordered separately

JK440	Container body without base perforation 592 x 274 x 90 mm
--------------	--



Lids for individual color combination



JK170	red
JK171	blue
JK172	green
JK173	gold
JK174	silver

Additional Instrument Set for Angular Nail Plates with the Aesculap® Sterile Container System

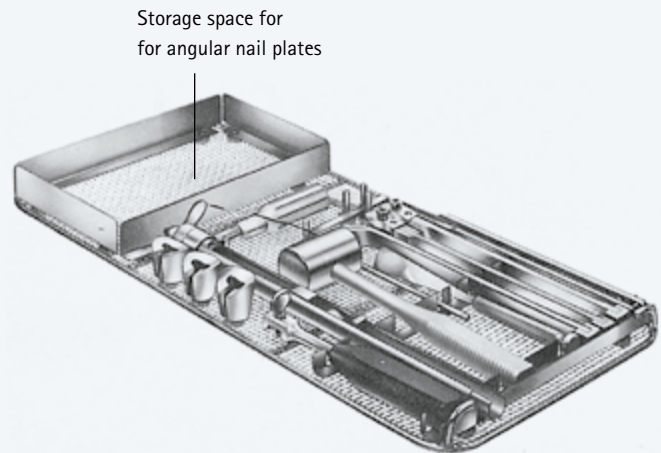
Osteosynthesis Sets with the Aesculap® Sterile Container System

LP255 Additional Instrument Set for Nail Plates

consisting of:

- KT009R 1 Angle gauge, adjustable
- FL505R 1 Chisel, 15 mm
- FL066R 1 Mallet, 550 g
- KT024R 1 Nail starter-impactor
- KT018R 1 Nail starter-impactor
- KT023R 1 Guide handle
- KT027R 1 Impactor-extractor
- KT034R 1 Impactor-extractor
- KP994R 1 Socket key, 5 mm opening

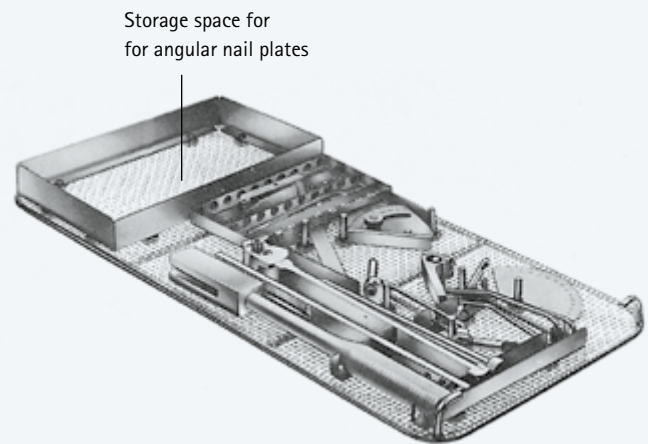
- LP052R 1 Storage wire base, top (empty) with 1 TE507
Packing stencil for LP052R (cannot be sterilized)



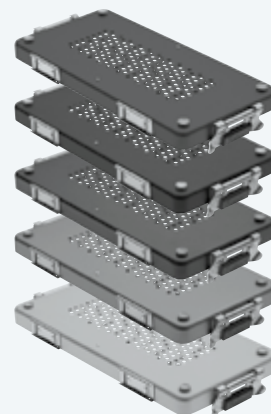
- KT007R 1 Angle gauge, adjustable
- KT005R 1 Angle gauge for condylar plates
- KT019R 1 Drill guide
- KT015R 1 Countersink with square shank end,
for milling groove
- KT022R 1 Nail starter-impactor
- KT020R 1 Sliding guide for nail starter
- KT021R 1 Angle disk
- KT029R 1 Extraction mallet, slotted
- KT026R 1 Impactor-extractor for angular nail plates
- LX470R 1 Socket key, 5 mm opening
- KT030R 1 Impactor
- LS116R 1 Drill guide for drills with 3.2 mm diam.
- LS134R Handle double-ended F/LS132 R/LS133S
- LS136S Neutr. drill socket F/D 3.2 mm long only
- LS137S Compr. drill socket F/D 3.2 mm long only

- LP051R 1 Storage wire base, bottom (empty) with 1 TE506
Packing stencil for LP051R (cannot be sterilized)

- JG645B 2 Identification labels, red
- JF511 1 Wrapping drape



Lids for individual color combination



- JK170 red
- JK171 blue
- JK172 green
- JK173 gold
- JK174 silver

To be ordered separately

- JK440 Container body without base perforation
592 x 274 x 90 mm



Small Fragment Instrument Set with the Aesculap® Sterile Container System

LP260 Small Fragment Instrument Set

consisting of:

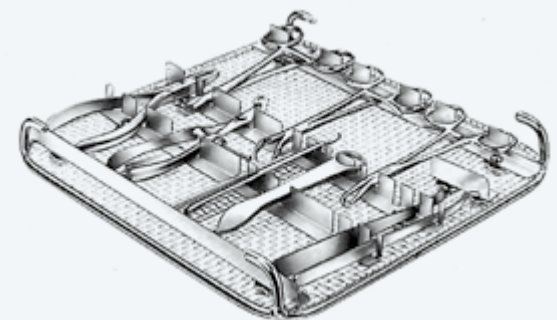
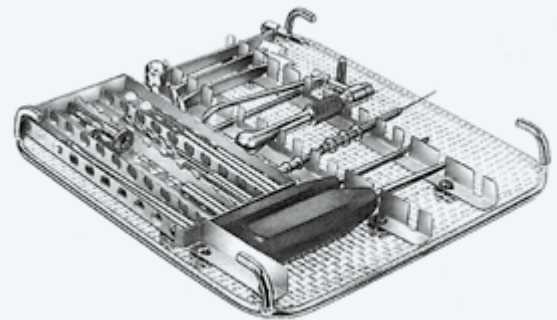
- GC314R 1 Twist drill, 2.0 mm diam.
- GC315R 1 idem, 2.5 mm diam.
- GC316R 1 idem, 2.7 mm diam.
- GC323R 1 idem, 4 mm diam.
- GC332R 1 Countersink
- GC339R 1 Tap, 2.7 mm diam., with square shaft
- GC341R 1 idem, 3.5 mm diam.
- GC346R 1 idem, 4.0 mm diam.
- GC475R 1 Handle with quick-action chuck for tools
- LS089R 1 Drill guide and drill sleeve, for drills with 2.0 mm diam.
- LS091R 1 Drill guide and drill sleeve, for drills with 2.5 mm diam.
- LS071S 1 Tissue protector sheath, 3.5 mm diam.
- LS097R 1 Insert sleeve, 3.5 / 2.7 mm diam.
- LS002R 1 Screw driver, width across flats 2.5 mm
- GC355R 1 idem
- LS008R 1 Screw holding sheath
- LS044R 1 Screw depth gauge, small
- FK317R 1 Raspatory, small, 3 mm wide tip
- LS120R Handle double-ended F/LS121R/LS125R
- LS126R Neutr. drill socket F/D 2.5 mm F/LS125R
- LS127R Compr. drill socket F/D 2.5 mm F/LS125R

- LP061R 1 Storage wire base top (empty) with 1 TE508
Packing stencil for LP061R (cannot be sterilized)

- DB402R 1 Sharp hook
- LS204R 1 Bending iron, for small bone plates
- LS205R 1 Bending forceps, for small bone plates
- FO169R 1 Bone holding forceps, for small bone fragments
- LS231R 1 Forceps for holding small bone plates
- FO115R 1 Reposition forceps with points
- FO123R 1 Reposition forceps with ratchet, for small bone fragments
- FK117R 1 Bone lever, small, 6 mm wide tip
- FK118R 1 Bone lever, small, 8 mm wide tip
- FK119R 2 Bone levers, with broad tip

- LP062R 1 Storage wire base, bottom (empty) with 1 TE510
Packing stencil for LP062R (cannot be sterilized)

- JG645B 2 Identification labels, red
- JF501 2 Wrapping drapes



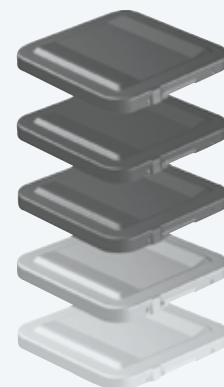
Lids for individual color combination

Inner lid



- JK385 red
- JK386 blue
- JK387 green
- JK388 gold
- JK389 silver

Outer lid



- JK375A red
- JK376A blue
- JK377A green
- JK378A gold
- JK379A silver

to be ordered separately

- JK340 Container body without base perforation
300 x 274 x 90 mm



Small Fragment- and Mini Instrument Set with the Aesculap® Sterile Container System

Osteosynthesis Sets with the Aesculap® Sterile Container System

LP265 Small Fragment- and Mini Instrument Set

consisting of:

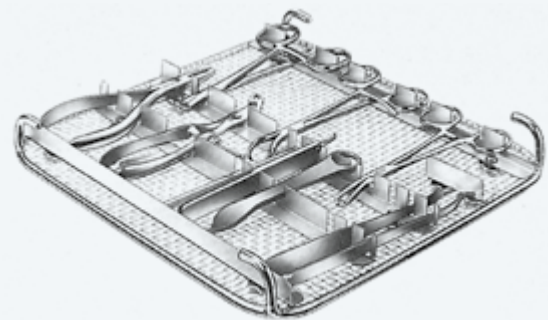
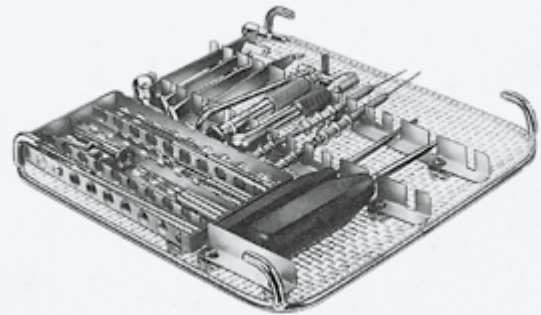
- LP062R Tray 2 F/LP260/LP265
- GC461R 1 Twist drill, 1.1 mm diam., with dental shaft
- GC462R 1 idem, 5 mm diam.
- GC464R 1 idem, 2.0 mm diam.
- GC332R Countersink D2.7mm L130mm A0-Shank
- GC339R Screw Tap D2.7mm L130/32mm A0-Shank
- GC341R Screw Tap D3.5mm L130/50mm A0-Shank
- GC346R Screw Tap D4.0mm L130/60mm A0-Shank
- GC355R Screw Driver Sw2.5 A0-Shank
- GC475R T-Handle W/A0-Chuck
- GC310R Twist Drill D1.1mm L60/35mm A0-Shank
- GC312R Twist Drill D1.5mm L85/60mm A0-Shank
- GC314R Twist Drill D2.0mm L100/75mm A0-Shank
- GC315R Twist Drill D2.5mm L110/85mm A0-Shank
- GC316R Twist Drill D2.7mm L100/75mm A0-Shank
- GC320R Twist Drill D3.5mm L110/85mm A0-Shank
- GC431R 1 Mini countersink, with dental shaft
- GC437R 2 Taps, 1.5 mm diam., with dental shaft
- GC438R 2 idem, 2.0 mm diam.
- GC458R 1 Screw driver, small with dental shaft, width across flats 1.5 mm
- LS007R 1 Screw holding sheath
- LS002R 1 Screw driver, width across flats 2.5 mm
- LS008R 1 Screw holding sheath
- GC407R 1 Handle with quick-action chuck for tools with dental shaft
- LS084R 1 Mini drill sleeve for drills with 1.1 / 1.5 mm diam.
- LS089R 1 Drill guide and drill sleeve for drills with 2.0 mm diam.
- LS091R 1 Drill guide and drill sleeve for drills with 2.5 mm diam.
- LS120R Handle Double-Ended F/LS121R/LS125R
- LS126R Neutr. drill Socket F/D 2.5 mm F/LS125R
- LS127R Compr. drill Socket F/D 2.5 mm F/LS125R
- LS097R 1 Insert sleeve, 3.5 / 2.7 mm diam.
- LS071R 1 Tissue protector sheath, 3.5 mm diam.
- LS042R 1 Mini screw depth gauge
- LS044R 1 Small screws depth gauge
- FK317R 1 Raspatory, small, 3 mm wide tip

- LP061R 1 Storage wire base, top (empty) with 1 TE509
Packing stencil for LP061R (cannot be sterilized)

- DB402R 1 Sharp hook
- LS204 1 Bending iron, for small bone plates
- LS205 1 Bending forceps, for small bone plates
- FO169R 1 Bone holding forceps, for small bone fragments
- LS231R 1 Forceps for holding small bone plates
- FO115R 1 Reposition forceps with points
- FO123R 1 Reposition forceps with ratchet, for small bone fragments
- FK117R 1 Bone lever, small, 6 mm wide tip
- FK118R 1 Bone lever, small, 8 mm wide tip
- FK119R 2 Bone levers, with broad tip

- LP062R 1 Storage wire base, bottom (empty) with 1 TE510
Packing stencil for LP062R (cannot be sterilized)

- JG645B 2 Identification labels, red
- JF501 2 Wrapping drapes



to be ordered separately

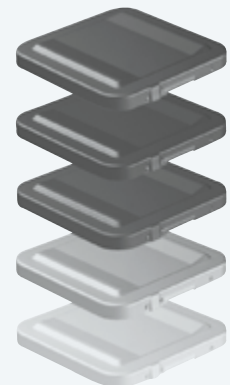
- JK340** Container body without base perforation
300 x 274 x 90 mm



Lids for individual color combination

Inner lid

Outer lid



- JK385** red
- JK386** blue
- JK387** green
- JK388** gold
- JK389** silver

- JK375A** red
- JK376A** blue
- JK377A** green
- JK378A** gold
- JK379A** silver

Small Fragment Implant Set with the Aesculap® Sterile Container System

LP270 Small Fragment Implant Set

consisting of:

LS037R 1 Screw holding forceps

LB126S – LB144S, 60 Cortical screws 2.7 mm diam.

6 each 6, 8, 10, 12, 14, 16, 18, 20, 22, 24 mm long

LB180 S– LB208S, 104 Cortical screws, 3.5 mm diam.

8 each 10, 12, 14, 16, 18, 20, 22, 24, 26, 28, 32, 36, 40 mm long

LB250S – LB290S, 90 Cancellous screws, 4.0 mm diam.

6 each 10, 12, 14, 16, 18, 20, 22, 24, 26, 28, 30, 35, 40, 45, 50 mm long

LA195S 6 Washers, small

10 One-third bone plates

LM302S 1 2 holes

LM303S 1 3 holes

LM304S 2 4 holes

LM305S 2 5 holes

LM306S 2 6 holes

LM307S 1 7 holes

LM308S 1 8 holes

4 Self-compressing bone plates

LN346S 2 6 holes

LN348S 2 8 holes

LN321S 1 small T-plate, 3 holes

LN326S 1 small T-plate, 4 holes

LM163S 1 cloverleaf plate, 3 holes

LM164S 1 cloverleaf plate, 4 holes

9 Quarter-tubular bone plates

LN253S 2 3 holes

LN254S 2 4 holes

LN255S 2 5 holes

LN256S 1 6 holes

LN257S 1 7 holes

LN258S 1 8 holes

LN023S 2 L-plates, oblique left

LN024S 2 L-plates, oblique right

LN025S 4 T-plates

KIRSCHNER wires, Sales Unit: PZ= package of 10 pcs.

LX098S 1 PZ 70 mm long, 0.8 mm diam.

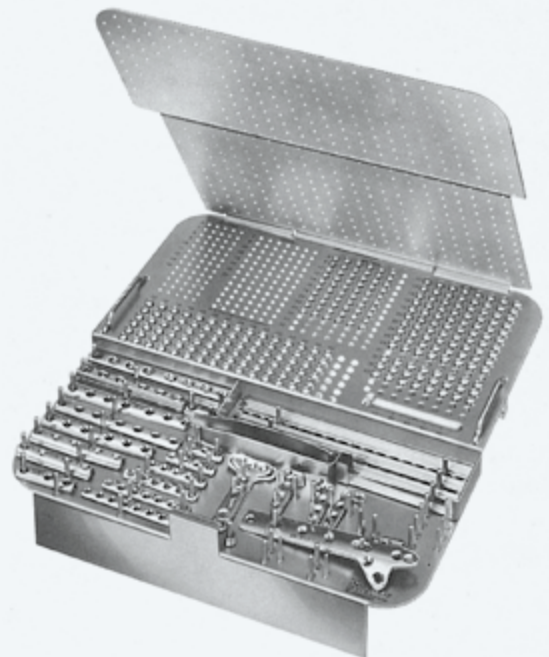
LX130S 1 PZ 150 mm long, 1.0 mm diam.

LX132S 1 PZ 150 mm long, 1.2 mm diam.

LX136S 1 PZ 150 mm long, 1.6 mm diam.

to be ordered separately

JK340 Container body without base perforation
300 x 274 x 90 mm



LP71D 1 Storage wire base with lid (empty) with 1 TE511
Packing stencil for LP71D (cannot be sterilized)

JG645B 2 Identification labels, red

JF501 1 Wrapping drape

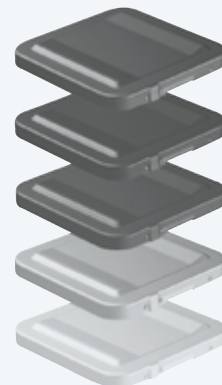
Lids for individual color combination

Inner lid



JK385 red
JK386 blue
JK387 green
JK388 gold
JK389 silver

Outer lid



JK375A red
JK376A blue
JK377A green
JK378A gold
JK379A silver

Small Fragment- and Mini Implant Set with the Aesculap® Sterile Container System

Osteosynthesis Sets with the Aesculap® Sterile Container System

LP275 Small Fragment- and Mini Implant Set

consisting of:

LS037S 1 Screw holding forceps

LB006S – LB016S, 36 Mini cortical screws, 1.5 mm diam.
4 each 6, 7, 8, 9, 10, 11, 12, 14, 16 mm long

LB026S – LB040S, 48 Mini cortical screws, 2.0 mm diam.
6 each 6, 8, 10, 12, 14, 16, 18, 20 mm long

LB126S – LB144S, 60 Cortical screws, 2.7 mm diam.
6 each 6, 8, 10, 12, 14, 16, 18, 20, 22, 24 mm long

LB180S – LB208S, 104 Cortical screws, 3.5 mm diam.
8 each 10, 12, 14, 16, 18, 20, 22, 24, 26, 28, 32, 36, 40 mm long

LB250S – LB290S, 90 Cancellous screws, 4.0 mm diam.
6 each 10, 12, 14, 16, 18, 20, 22, 24, 26, 28, 30, 35, 40, 45, 50 mm long

LA195S 6 Washers, small

6 Straight mini bone plates

LN203S 2 3 holes

LN204S 2 4 holes

LN205S 2 5 holes

LN223S 2 mini bone plates, oblique left

LN224S 2 mini bone plates, oblique right

LN225S 4 mini T-plates

10 One-third tubular bone plates

LM302S 1 2 holes

LM303S 1 3 holes

LM304S 2 4 holes

LM305S 2 5 holes

LM306S 2 6 holes

LM307S 1 7 holes

LM308S 1 8 holes

4 Self-compressing bone plates

LN346S 2 6 holes

LN348S 2 8 holes

LN321S 1 small T-plate, 3 holes

LN326S 1 small T-plate, 4 holes

LM163S 1 cloverleaf plate, 3 holes

LM164S 1 cloverleaf plate, 4 holes

9 Quarter-tubular bone plates

LN253S 2 3 holes

LN254S 2 4 holes

LN255S 2 5 holes

LN256S 1 6 holes

LN257S 1 7 holes

LN258S 1 8 holes

LN023S 2 L-plates, oblique left

LN024S 2 L-plates, oblique right

LN025S 4 T-plates

KIRSCHNER wires, Sales Unit: PZ= package of 10 pcs.

LX098S 1 PZ 70 mm long, 0.8 mm diam.

LX130S 1 PZ 150 mm long, 1.0 mm diam.

LX132S 1 PZ 150 mm long, 1.2 mm diam.

LX136S 1 PZ 150 mm long, 1.6 mm diam.



LP071D 1 Storage wire base with lid (empty) with 1 TE512 Packing stencil for LP071D (cannot be sterilized)

JG645B 2 Identification labels, red

JF501 1 Wrapping drape

to be ordered separately

JK340 Container body without base perforation
300 x 274 x 90 mm



Lids for individual color combination

Inner lid



JK385 red
JK386 blue
JK387 green
JK388 gold
JK389 silver

Outer lid



JK375A red
JK376A blue
JK377A green
JK378A gold
JK379A silver

Reduced Small Fragment Instrument Set with the Aesculap® Sterile Container System

LP280 Reduced Small Fragment Instrument Set
(with implants)

consisting of:

Instruments:

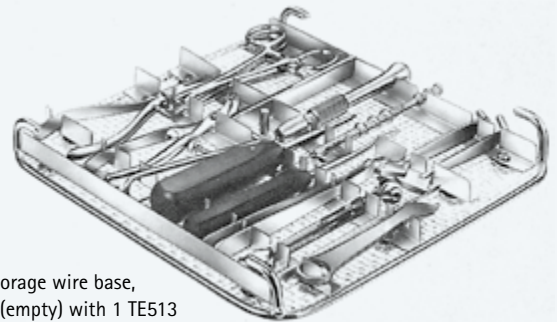
- LS089R 1 Drill guide and drill sleeve for drills with 2.0 mm diam.
- LS091R 1 Drill guide and drill sleeve for drills with 2.5 mm diam.
- LS071R 1 Tissue protector sheath, 3.5 mm diam.
- LS002R 1 Screw driver, width across flats 2.5 mm
- LS044R 1 Small screw depth gauge
- DB402R 1 Sharp hook
- LS204R 1 Bending iron, for small bone plates
- LS205R 1 Bending forceps, for small bone plates
- FO169R 1 Bone holding forceps, for small bone fragments
- FO115R 1 Reposition forceps with points
- FO123R 1 Reposition forceps with ratchet, for small bone fragments
- FK117R 1 Bone lever, small, 6 mm wide tip
- FK118R 1 Bone lever, small, 8 mm wide tip
- FK119R 2 Bone levers, with broad tip
- FK317R 1 Raspatory, small, 3 mm wide tip

Einfügen:

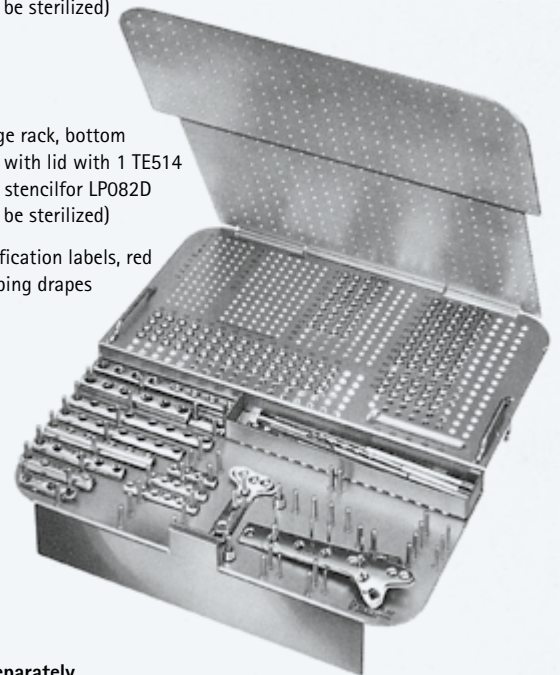
- LS097R Insert drill socket OD 3.5 mm F/D 2.7 mm
- LS120R Handle Double-Ended F/LS121 R/LS125R
- LS126R Neutr.drill Socket F/D 2.5 mm F/LS125R
- LS127R Compr.drill Socket F/D 2.5 mm F/LS125R
- GC332R Countersink D 2.7 mm L130 mm AO-Shank
- GC339R Screw Tap D 2.7 mm L130/32 mm AO-Shank
- GC341R Screw Tap D 3.5 mm L130/50 mm AO-Shank
- GC346R Screw Tap D 4.0 mm L130/60 mm AO-Shank
- GC355 Screw Driver SW2.5 AO-Shank
- GC475R T-Handle W/AO-Chuck
- GC314R Twist Drill D 2.0 mm L100/75 mm AO-Shank
- GC315R Twist Drill D 2.5 mm L110/85 mm AO-Shank
- GC316R Twist Drill D 2.7 mm L100/75 mm AO-Shank
- GC320R Twist Drill D 3.5 mm L110/85 mm AO-Shank
- LS008R 1 Screw holding sheath

Implants:

- LB126S – LB144S, 40 Cortical screws, 2.7 mm diam.
4 each 6, 8, 10, 12, 14, 16, 18, 20, 22, 24 mm long
- LB180S – LB208S, 65 Cortical screws, 3.5 mm diam.
5 each 10, 12, 14, 16, 18, 20, 22, 24, 26, 28, 32, 36, 40 mm long
- LB250S – LB290S, 60 Cancellous screws, 4.0 mm diam.
4 each 10, 12, 14, 16, 18, 20, 22, 24, 26, 28, 30, 35, 40, 45, 50 mm long
- LA195S 6 Washers, small
- 6 Quarter-tubular bone plates
 - LN254S 2 4 holes
 - LN255S 2 5 holes
 - LN256S 1 6 holes
- 10 One-third tubular bone plates
 - LM302S 1 2 holes
 - LM303S 1 3 holes
 - LM304S 2 4 holes
 - LM305S 2 5 holes
 - LM306S 2 6 holes
 - LM307S 1 7 holes
 - LM308S 1 8 holes
- 4 Self-compressing bone plates
 - LN346S 2 6 holes
 - LN348S 2 8 holes
- LN321S 1 small T-plate, 3 holes
- LN326S 1 small T-plate, 4 holes
- LM163S 1 cloverleaf plate, 3 holes
- LM164S 1 cloverleaf plate, 4 holes



LP081R 1 Storage wire base, top (empty) with 1 TE513 Packing stencil for LP081R (cannot be sterilized)



LP082D 1 Storage rack, bottom (empty) with lid with 1 TE514 packing stencil for LP082D (cannot be sterilized)

- JG645B 2 identification labels, red
- JF501 2 Wrapping drapes

to be ordered separately

- JK341** Container body without base perforation
300 x 274 x 90 mm



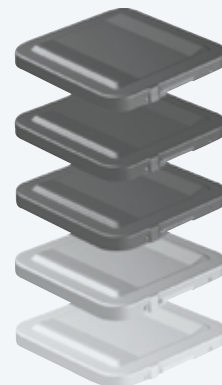
Lids for individual color combination

Inner lid



- JK385** red
- JK386** blue
- JK387** green
- JK388** gold
- JK389** silver

Outer lid



- JK375A** red
- JK376A** blue
- JK377A** green
- JK378A** gold
- JK379A** silver

AESCULAP® – a B. Braun brand

Aesculap AG | Am Aesculap-Platz | 78532 Tuttlingen | Germany
Phone +49 7461 95-0 | Fax +49 7461 95-2600 | www.aesculap.com

The main product trademark "Aesculap" and the product trademark "Targon" is a registered trademark of Aesculap AG.

Subject to technical changes. All rights reserved. This brochure may only be used for the exclusive purpose of obtaining information about our products. Reproduction in any form partial or otherwise is not permitted.