



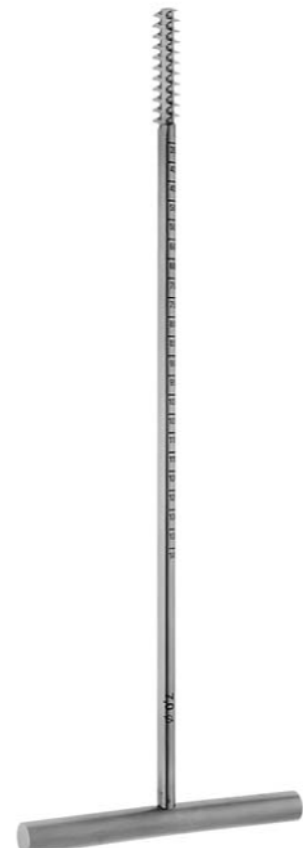
Drill Bits

ø mm	AO shaft	Length mm	round shaft	Length mm
1.1	9-010	60 / 35	9-040	45 / 30
1.5	9-012	85 / 60	9-042	70 / 55
2.0	9-014	100 / 75	9-044	85 / 70
2.5	9-016	110 / 85	9-046	95 / 80
2.7	9-018	100 / 75	9-048	85 / 70
3.2	9-020	145 / 120	9-050	130 / 115
3.2	9-021	195 / 170	9-051	180 / 165
3.5	9-022	100 / 85	9-052	95 / 80
3.5	9-023	195 / 170	9-053	180 / 165
4.5	9-026	145 / 120	9-056	130 / 115
4.5	9-027	195 / 170	9-057	180 / 165



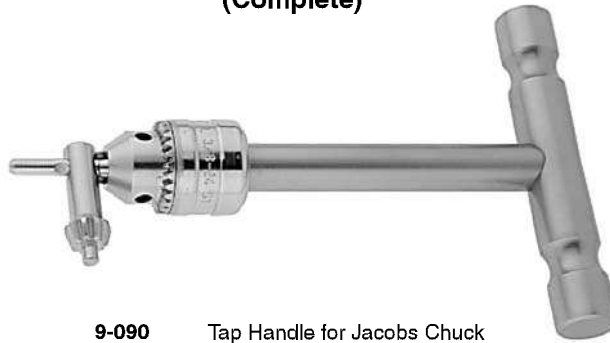
Taps

for screws ø mm	AO shaft	T-bar
1.5 dental	9-071	
2.0 dental	9-072	
2.7	9-073	9-060
3.5 thread pitch 1.25	9-074	9-062
3.5 thread pitch 1.75	9-075	9-064
4.0 thread pitch 1.75	9-076	9-065
4.5 short thread	9-077	
4.5 long thread	9-078	9-068
6.5	9-079	9-070



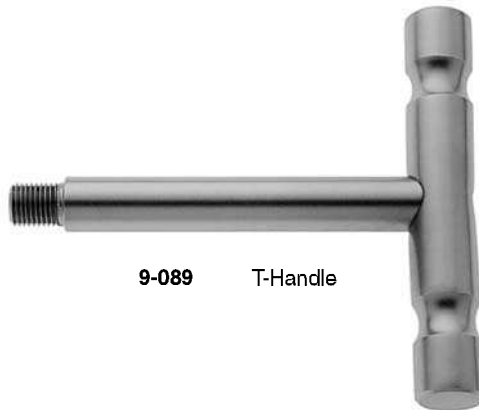
Drill Bit and Tap Handles

(Complete)



9-090 Tap Handle for Jacobs Chuck

Consisting of:



9-089 T-Handle



9-091 Jacobs Chuck



9-0910 Wrench for Jacobs Chuck

Drill Bit and Tap Handles



9-092 Tap Handle for AO shaft



9-094 Tap Handle for AO shaft



9-096 Tap Handle for Dental shaft

Instruments for Screw Fixation

Countersinks
For preparing the seat for the screw head



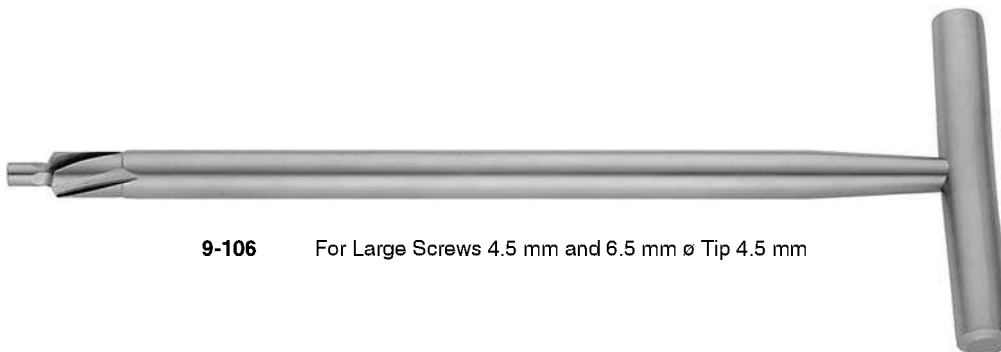
9-100 For Mini Screws 1.5 mm and 2.0 mm \varnothing Tip 1.1 mm \varnothing



9-102 For Small Screws 2.7, 3.5 and 4.0 mm \varnothing Tip 2.0 mm



9-104 For Malleolar Screws Tip 3.2 mm \varnothing



9-106 For Large Screws 4.5 mm and 6.5 mm \varnothing Tip 4.5 mm



9-110 Depth Gauge for Mini Screws
9-112 Depth Gauge for Small Screws
9-114 Depth Gauge for Large Screws



4-184 Screw Forceps



9-116 Sharp Hook
for checking alignment of fracture ends and
for removing in-grown tissue in screw heads

Screw Drivers



9-140 for Hexagonal Head 1.5 mm, 20 cm length



9-142 for Hexagonal Head 2.5 mm, 20 cm length
9-144 for Hexagonal Head 3.5 mm, 20 cm length



9-148 for Philips Head 20 cm length



9-150 for Single Head 20 cm length



9-152 Slotted Head 20 cm length



A



B



C



D



9-158 A Screw Driver Williams for Phillips Head
9-160 B Screw Driver Williams for Slotted Head
9-162 C Screw Driver Williams for Single Head
9-164 D Screw Driver Williams for Hexagonal Head 3.5 mm

Instruments for Screw Fixation



9-170 Screw Driver for Mini Screws 1.5 mm



9-171 Holding Sleeve 1.5 mm



9-172 Screw Driver 2.5 mm



9-173 Holding Sleeve 2.5 mm



9-174 Screw Driver Shaft 2.5 mm



9-176 Screw Driver Shaft 1.5 mm



9-178 Screw Driver Shaft 1.5 mm



9-188 Screw Driver 3.5 mm



9-190 Screw Driver single



9-192 Screw Driver Header



9-194 Holding for Screw Driver



9-196 Screw Driver for 2.5 mm



9-198 Screw Driver Philips Head, broad



9-200 Screw Driver Philips Head, small

Instruments for Screw Fixation Drill Sleeves and Drill Guides



- 9-250** Mlni Drill Sleeve Drill Bit 1.1 and 1.5 mm \varnothing
9-253 Mlni Drill Sleeve Drill Bit 1.5 and 2.0 mm \varnothing



- 9-252** Drill Guide and Drill Sleeve, 2.0 mm \varnothing
 with 3 and 1 hole respectively
 Drill Bit 2.0 mm \varnothing



- 9-254** Tap Sleeve 3.5 mm \varnothing
 Drill Sleeve 2.5 mm \varnothing
 for Drill Bit and Tap for 3.5 mm Cortex Screws
 with fine thread
9-255 Tap Sleeve 2.7 mm \varnothing
 Drill Sleeve 2.0 mm \varnothing
 for Drill Bit and Tap for 3.5 mm Cortex Screws
 with fine thread



- 9-256** Tap Sleeve 3.5 mm \varnothing
 for Taps 3.5 and 2.7 mm \varnothing
 May also be used as a Guide
 for 3.2 mm \varnothing Drill Bits

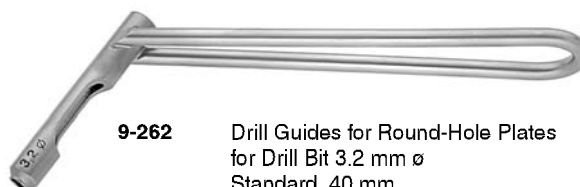


- 9-258** Pointed Drill Guide

Instruments for Screw Fixation



9-260 Tap Sleeve 4.5 mm \varnothing
 For Taps 6.5 mm \varnothing
 May also be used as Drill Guide for
 4.5 mm Drill Bits
 The notched tip prevents slipping on the bone
 Use Sleeve 8 mm \varnothing in the screw holes of plates



9-262 Drill Guides for Round-Hole Plates
 for Drill Bit 3.2 mm \varnothing
 Standard, 40 mm



9-266 Neutral and Load Drill Guide, 2.0 mm
 For 2.0 mm screws
 Use Drill Bit 1.5 mm \varnothing

9-268 Neutral and Load Drill Guide, 2.7 mm
 For 2.7 mm screws
 Use Drill Bit 2.0 mm \varnothing

9-270 Neutral and Load Drill Guide, 3.5 / 1.25 mm
 For 3.5 mm Cortex Screws with fine thread
 Use Drill Bit 2.5 mm \varnothing

9-272 Neutral and Load Drill Guide, 4.5 mm
 For 4.5 mm screws
 Use Drill Bit 3.2 mm \varnothing



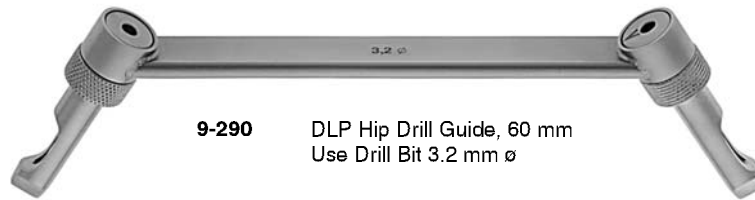
9-276 Insert Drill Sleeve 2.7 / 2.0 mm \varnothing
 For 2.7 mm Cortex Lag Screws
 Drill Bit 2.0 mm \varnothing

9-278 Insert Drill Sleeve 3.5 / 2.5 mm \varnothing
 For 3.5 mm Cortex Lag Screws
 Drill Bit 2.5 mm \varnothing

9-280 Insert Drill Sleeve 4.5 / 3.2 mm \varnothing
 For 3.5 mm Cortex Lag Screws with fine thread
 Drill Bit 3.2 mm \varnothing



9-284 C-Clamp Drill Guide with thread
 for Drill Bit 4.5 mm \varnothing



9-290 DLP Hip Drill Guide, 60 mm
 Use Drill Bit 3.2 mm \varnothing



9-264 Drill Guide for Round Holes Plates
 60 mm long for hip operations
 Use Drill Bit 3.2 mm \varnothing



9-294 Triple Drill Guide Angle 130°
 for all 130° Angled Blade Plates
 Use Drill 3.2 mm \varnothing



9-298 Impactor



9-296 Chisel Guide



9-300 Reamer with end for quick coupling



9-302 Condylar Plate Guide



9-304 Slotted Hammer



9-306 Inserter Extractor



9-308 Seating Chisel for preparing blade channel
for Adult Angled Blade Plates with U-Profile
Shaft and blade width 16 mm



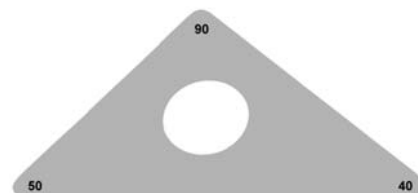
9-310 Quadrangular Positioning Plate
110 / 90 / 90 / 70°



9-312 Triangular Positioning Plate
100 / 60 / 20°



9-314 Triangular Positioning Plate
80 / 70 / 30°



9-316 Triangular Positioning Plate
90 / 50 / 40°



9-320 Seating Chisel



9-322 Seating Chisel



9-324 Inserter for Adolescent and Child Hip Plates

Positioning Plates



9-325
 Triangular for children
 90° / 50° / 40°



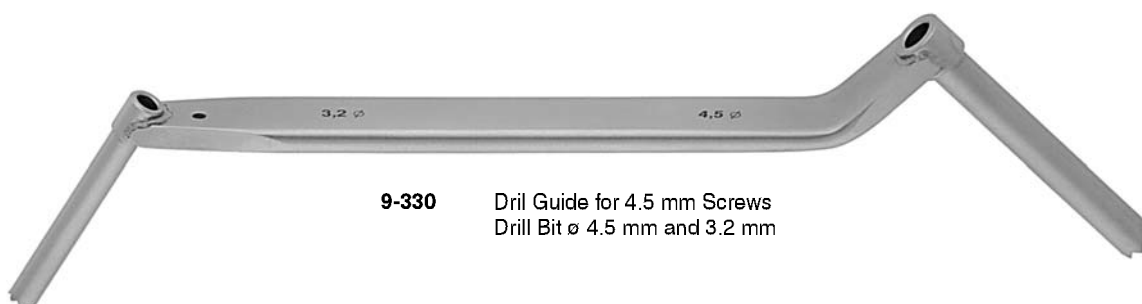
9-326
 Triangular for children
 80° / 70° / 30°



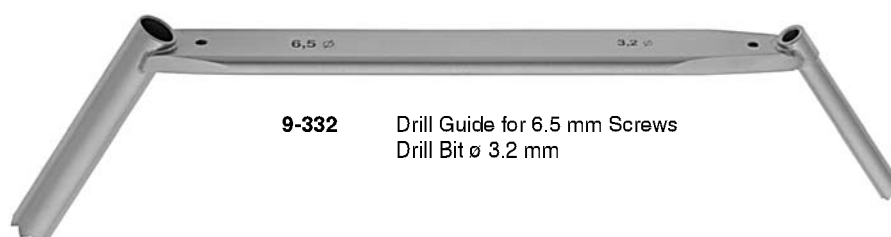
9-327
 Triangular for children
 100° / 60° / 20°



9-328
 Quadrangular for children
 110° / 90° / 90° / 70°



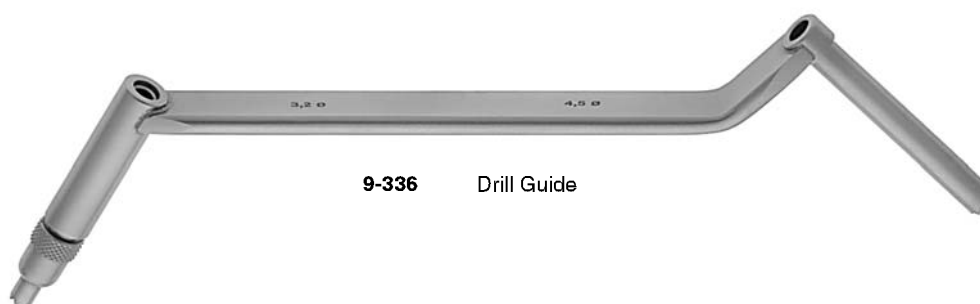
9-330 Drill Guide for 4.5 mm Screws
Drill Bit ø 4.5 mm and 3.2 mm



9-332 Drill Guide for 6.5 mm Screws
Drill Bit ø 3.2 mm



9-334 Drill Guide 3.5 mm for neutral
and compression positioning
Drill ø 2.5 mm



9-336 Drill Guide



9-338 Drill Guide 4.5 / 3.2
with 2 Inserts

Bending Instruments for Plates



9-400 Bending Iron for Mini and Finger Plates



9-402 Bending Iron for 3.5 mm Reconstruction Plates



9-404 Bending Iron for 2.7 mm Reconstruction Plates



9-406 Bending Pliers for 1.5 and 2.0 mm Plates

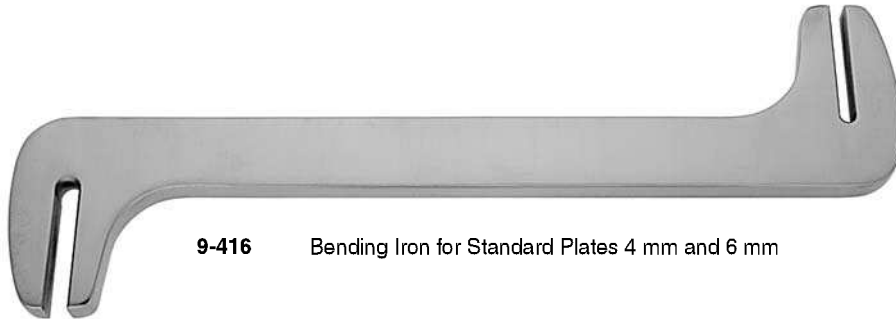


16E-580.24 Bending Pliers for 2.7 and 3.5 mm Plates, 24,0 cm
16E-580.20 Bending Pliers for 1.0 and 2.0 mm Plates, 20,0 cm



9-410 Bending Pliers

Bending Instruments for Plates



9-416 Bending Iron for Standard Plates 4 mm and 6 mm



9-418 Bending Pliers for Straight Plates

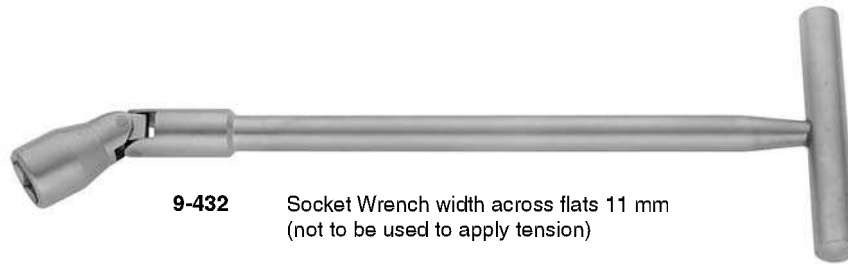


16E585.42 Plate Bending Apparatus, 42 cm

Instruments for Plates



9-430 Drill Sleeve for Tension Device for Drill Bit 3.2 mm ø



9-432 Socket Wrench width across flats 11 mm
 (not to be used to apply tension)



9-436 8 mm screw-type
 Compression Device



9-438 Combination Wrench
 width across flats 11 mm
 for Tension Device, External Fixator
 Medullary Nailing Instruments, etc.

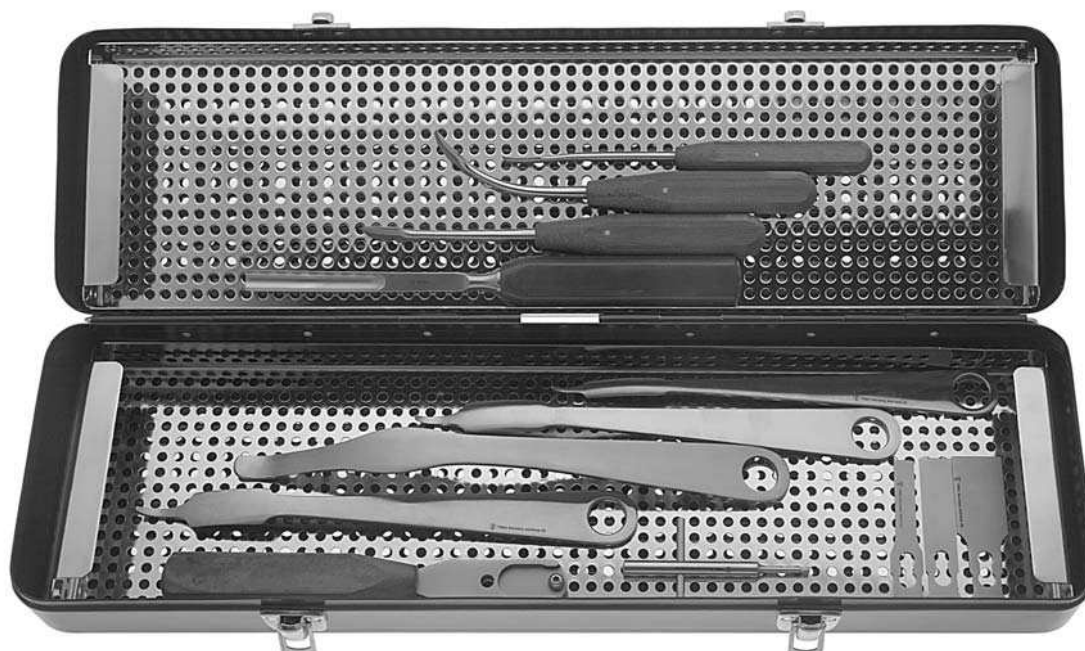


9-440 Articulated Tension Device
 with Indicator, span 20 mm
 May also be used for distraction
 of Standard and Small Plates



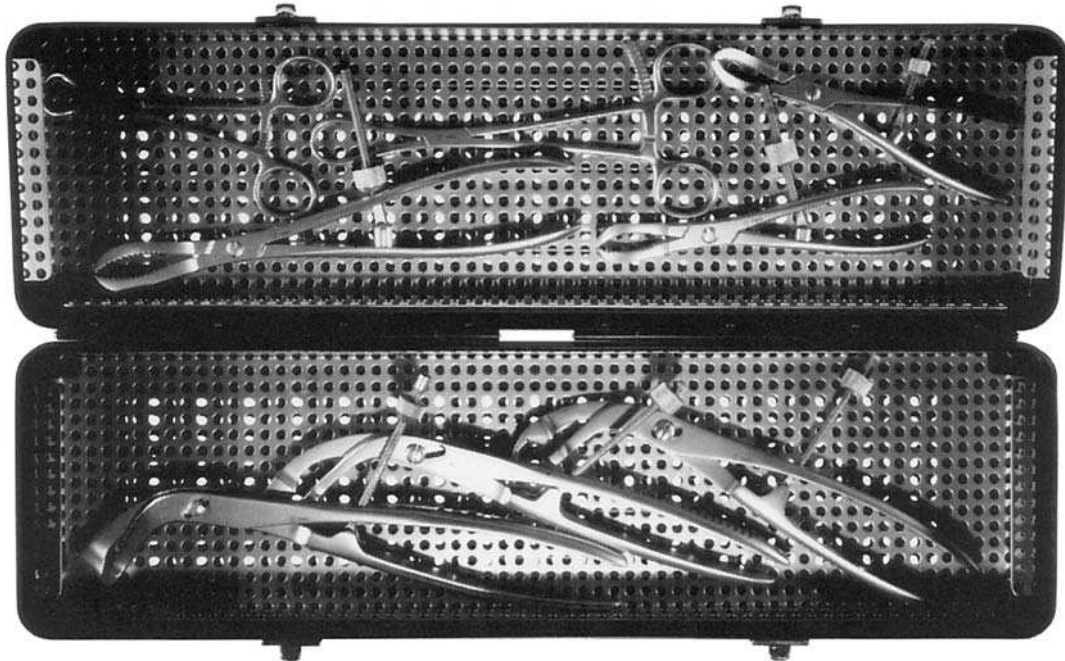
9-442 Pin Wrench for Tension Device and Distractor

General Instruments Set



- | | |
|-----------------------------|---|
| T 910 | General Instruments Set |
| 19E-286.03 | Implant-Container, red, 500 x 155 x 75 mm |
| T 112 | Upper Tray |
| T 112 | Lower Tray |
| Hohmann Retractors | |
| 9-656 | Blade width 8 mm, short narrow tip |
| 9-658 | Blade width 18 mm, short narrow tip |
| 9-660 | Blade width 18 mm, long narrow tip for hip surgery |
| 9-676 | Blade width 24 mm, long wide tip for hip surgery |
| 9-776 | Wrench for Chisel Handle |
| Periosteal Elevators | |
| 9-750 | Medium, straight blade, straight edge, width 14 mm |
| 9-752 | Medium, curved blade, round edge, width 14 mm |
| 9-756 | Small, curved blade, round edge, width 6 mm |
| 9-704 | Hammer, 500 g |
| 9-766 | Chisel Handle, synthetic, autoclavable |
| Chisel Blades | |
| 9-768- | 1 ea: 10, 16 and 25 mm |
| 9-772 | |
| 9-792 | Gouge, straight, width 10 mm for Cancellous Bone Grafts |

Standard Bone Forceps Set



- | | |
|-------------------|--|
| T 920 | Standard Bone Forceps Set |
| 19E-286.03 | Implant-Container, red, 500 x 155 x 75 mm |
| T 112 | Upper Tray |
| T 112 | Lower Tray |
| 9-584 | Self-Centering Bone Holding Forceps, size 1, 240 mm long |
| 9-586 | Self-Centering Bone Holding Forceps, size 2, 260 mm long |
| 9-588 | Self-Centering Bone Holding Forceps, size 3, 280 mm long |
| 9-560 | Reduction Forceps, large, 240 mm long |
| 9-562 | Reduction Forceps, small, 160 mm long |
| 9-604 | Reduction Forceps with point, 200 mm long |



- 16E-033** Kern Baby Bone Holding Forceps 17,0 cm with ratchet
- 16E-031** Kern Baby Bone Holding Forceps 18,0 cm without ratchet
- 16E-034** Kern Bone Holding Forceps 21,0 cm with ratchet
- 16E-032** Kern Bone Holding Forceps 21,0 cm without ratchet



- 16E-029** Lane Bone Holding Forceps 33,0 cm with ratchet
- 16E-027** Lane Bone Holding Forceps 33,0 cm without ratchet
- 16E-028** Lane Bone Holding Forceps 45,0 cm without ratchet
- 16E-030** Lane Bone Holding Forceps 45,0 cm with ratchet



- 9-520** Farabeuf-Lambotte Bone Holding Forceps 260 mm with ratchet
- 9-522** Farabeuf-Lambotte Bone Holding Forceps 260 mm without ratchet



- 16E-232** Lambotte Bone Holding Forceps 22,0 cm
- 16E-233** Lambotte Bone Holding Forceps 26,0 cm
- 16E-234** Lambotte Bone Holding Forceps 32,0 cm



16E-039 Verbrugge Bone Holding Forceps 175 mm



9-544 Verbrugge Bone Holding Forceps 250 mm
16E-040 Verbrugge Bone Holding Forceps 260 mm
9-548 Verbrugge Bone Holding Forceps 270 mm



9-560 Reduction Forceps with Thread Lock 240 mm



9-562 Reduction Forceps with Thread Lock 160 mm



16E-035 Ferguson Bone Holding Forceps straight, 21,0 cm



Self-Centering Bone Holding Forceps with Thread Lock

- 9-580** For Small Fragments 150 mm, jaw 9 mm
- 9-582** Size 0
190 mm, extra small jaw 10 mm
- 9-584** Size 1
240mm, small jaw 14 mm
- 9-586** Size 2
260 mm, medium jaw 18 mm
- 9-588** Size 3
280 mm, large jaw 23 mm



9-590 Lewin 190 mm



9-592 Semb 200 mm
9-594 Semb 200 mm with ratchet



9-596 Reposition Forceps
 for Small Fragments 135 mm



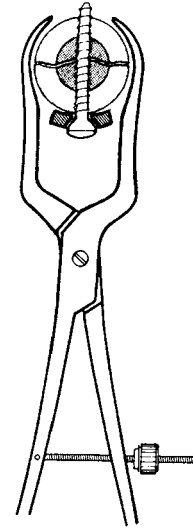
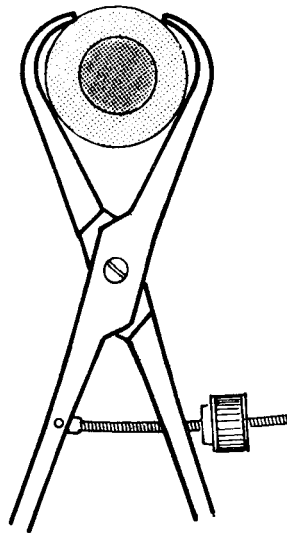
9-600
Forceps with Ratchet
Fixation 145 mm



9-602
Reil 170 mm



9-604
Reduction Forceps
with points 200 mm



9-610 Lowmann Bone Clamp 130 mm
9-612 Lowmann Bone Clamp 185 mm
9-614 Lowmann Bone Clamp 200 mm

9-618 Reposition Forceps 230 mm



9-620
200 mm



9-622
Malleolar Forceps



9-624
For fingers, with Drill
Guide for Kirschner
Wires up to \varnothing 1 mm 170 mm



9-630
Holding Forceps for Mini 135 mm



9-632 Ulrich 230 mm
9-634 Ulrich 250 mm
9-636 Ulrich 280 mm
9-638 Mini 190 mm



9-640 Ulrich 260 mm

Bone Holding Forceps



9-644 Chamley Bone Forceps



Set includes:
Hooked Jaws: 1 pair
Serrated Jaws: 3 pairs
Sizes: 32, 51 and 57 mm



9-646 Holding Forceps with ball

Standard Retractors



9-650
 Small, width 6 mm
 short, narrow tip



9-652
 Small, width 8 mm
 short, narrow tip



9-654
 For Small Fragments
 with broad shank



9-656
 Width 8 mm
 short, narrow tip



9-658 width 18 mm short, narrow tip
9-660 width 18 mm long, narrow tip



9-666 width 43 mm narrow tip
9-668 width 70 mm narrow tip



9-670
 width 43 mm
 long shank, angled



9-674
width 22 mm
wide tip



9-676
long wide tip for Hip
Surgery, width 24 mm



9-678
Bennett 240 mm



9-680
Lange-Hohmann

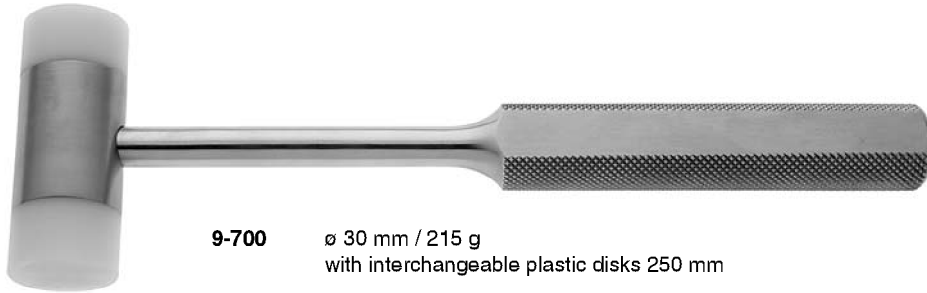


9-682
Retractor for Knee
Blount 270 mm



9-684
Retractor for
Knee 175 mm

Bone Hammers



9-700 \varnothing 30 mm / 215 g
 with interchangeable plastic disks 250 mm

9-701 Pair of spare disks



9-702 Weight approx: 350 g

9-704 Weight approx: 500 g (Standard size)

9-706 Weight approx: 700 g (For Medullary Nailing)



16E-270 Ferrozell Mallet, \varnothing 35 mm, 26 cm, autoclavable

16E-271 Ferrozell Mallet, \varnothing 42 mm, 26 cm, autoclavable

16E-272 Ferrozell Mallet, \varnothing 50 mm, 26 cm, autoclavable

Periosteal Elevators

with synthetic handle, autoclavable



9-750
Medium straight blade
round edge, width 14 mm



9-752
medium curved blade
round edge, width 14 mm



9-754
large straight blade
round edge, width 30 mm



9-756
Small curved blade
round edge, width 6 mm



9-758
Small curved blade
straight edge, width 6 mm



9-760
Extra small curved blade
straight edge, width 3 mm



9-766 Chisel Handle



- 9-768** Chisel Blade 10 mm
- 9-770** Chisel Blade 16 mm
- 9-772** Chisel Blade 25 mm
- 9-774** Chisel Blade 5 mm



9-776 Wrench for Chisel Handle



- 9-778** Mini-Lambotte 170 mm length 2 mm width
- 9-780** Mini-Lambotte 170 mm length 5 mm width
- 9-782** Mini-Lambotte 170 mm length 10 mm width



- | | |
|--------------|----------|
| | straight |
| 9-790 | 5 mm |
| 9-792 | 10 mm |
| 9-794 | 15 mm |



- | | |
|--------------|--------|
| | curved |
| 9-796 | 5 mm |
| 9-798 | 10 mm |
| 9-800 | 15 mm |



- | | |
|--------------|-------|
| | flat |
| 9-802 | 10 mm |
| 9-804 | 15 mm |
| 9-806 | 20 mm |
| 9-808 | 25 mm |



- | | |
|--------------|--------|
| | hollow |
| 9-814 | 10 mm |
| 9-816 | 15 mm |
| 9-818 | 20 mm |
| 9-820 | 25 mm |

Bone Surgery Bone Chisel and Gouges



- 9-830** Smith Peterson 6 mm
- 9-832** Smith Peterson 9 mm
- 9-834** Smith Peterson 12 mm
- 9-836** Smith Peterson 15 mm
- 9-838** Smith Peterson 20 mm
- 9-840** Smith Peterson 25 mm
- 9-842** Smith Peterson 30 mm



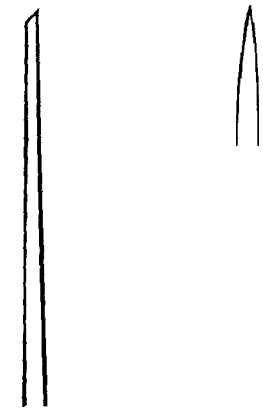
- 9-844** Smith Peterson curved 6 mm
- 9-846** Smith Peterson curved 9 mm
- 9-848** Smith Peterson curved 12 mm
- 9-850** Smith Peterson curved 15 mm
- 9-852** Smith Peterson curved 20 mm
- 9-854** Smith Peterson curved 25 mm
- 9-856** Smith Peterson curved 30 mm



- 9-858** Smith Peterson Gouge 6 mm
- 9-860** Smith Peterson Gouge 9 mm
- 9-862** Smith Peterson Gouge 12 mm
- 9-864** Smith Peterson Gouge 15 mm
- 9-866** Smith Peterson Gouge 20 mm
- 9-868** Smith Peterson Gouge 25 mm
- 9-870** Smith Peterson Gouge 30 mm



- 9-872** Smith Peterson curved Gouge 6 mm
- 9-874** Smith Peterson curved Gouge 9 mm
- 9-876** Smith Peterson curved Gouge 12 mm
- 9-878** Smith Peterson curved Gouge 15 mm
- 9-880** Smith Peterson curved Gouge 20 mm
- 9-882** Smith Peterson curved Gouge 25 mm
- 9-884** Smith Peterson curved Gouge 30 mm



- | STILLE | | STILLE | |
|----------------|-------|----------------|-------|
| 16E-150 | 10 mm | 16E-154 | 10 mm |
| 16E-151 | 15 mm | 16E-155 | 15 mm |
| 16E-152 | 20 mm | 16E-156 | 20 mm |
| 16E-153 | 25 mm | 16E-157 | 25 mm |



- | STILLE | |
|----------------|-------|
| 16E-158 | 10 mm |
| 16E-159 | 15 mm |
| 16E-160 | 20 mm |
| 16E-161 | 25 mm |



- | | |
|----------------|----------------|
| 16E-060 | Lambotte 15 mm |
| 16E-061 | Lambotte 20 mm |
| 16E-062 | Lambotte 25 mm |
| 16E-063 | Lambotte 30 mm |
| 16E-064 | Lambotte 38 mm |
| 16E-065 | Lambotte 44 mm |
| 16E-066 | Lambotte 50 mm |



- | | |
|----------------|-----------------------|
| 16E-067 | Lambotte curved 15 mm |
| 16E-068 | Lambotte curved 20 mm |
| 16E-069 | Lambotte curved 25 mm |
| 16E-070 | Lambotte curved 30 mm |
| 16E-071 | Lambotte curved 38 mm |
| 16E-072 | Lambotte curved 44 mm |
| 16E-073 | Lambotte curved 50 mm |

Chisels, Periosteal Raspatories



Mini-Lexer, 18,0 cm
16E-086 4 mm
16E-087 6 mm
16E-088 8 mm
16E-089 10 mm
16E-090 12 mm



Mini-Lexer, 18,0 cm
16E-091 4 mm
16E-092 6 mm
16E-093 8 mm
16E-094 10 mm
16E-095 12 mm



9-964
 Langenbeck 18 cm



9-966
 Langenbeck 19 cm



9-968 Farabeuf



9-970 Farabeuf



9-972 5 mm
9-974 6 mm
9-976 7 mm










Peristéal Raspatories, Bone Curettes



9-980 Lambotte 10 mm
9-982 Lambotte 15 mm
9-984 Lambotte 20 mm













Spratt

		
Fig. 0000	Fig. 000	Fig. 00
9-1000	9-1002	9-1004
		
Fig. 0	Fig. 1	Fig. 2
9-1006	9-1008	9-1010
		
Fig. 3	Fig. 4	Fig. 5
9-1012	9-1014	9-1015








Bruns

		
Fig. 0000	Fig. 000	Fig. 00
16E-017.40	16E-017.30	16E-017.20
		
Fig. 0	Fig. 1	Fig. 2
16E-017.10	16E-017.01	16E-017.02
		
Fig. 3	Fig. 4	Fig. 5
16E-017.03	16E-017.04	16E-017.05
		
		Fig. 6
		16E-017.06

Bone Curettes



Bruns 230 mm

-  9-1040
-  9-1042
-  9-1044
-  9-1046
-  9-1048







-  9-1050
-  9-1052
-  9-1054
-  9-1056



9-1060 250 mm



Simon 240 mm

-  9-1062
-  9-1064
-  9-1066
-  9-1068
-  9-1070
-  9-1072



9-1252 Gigli Handle

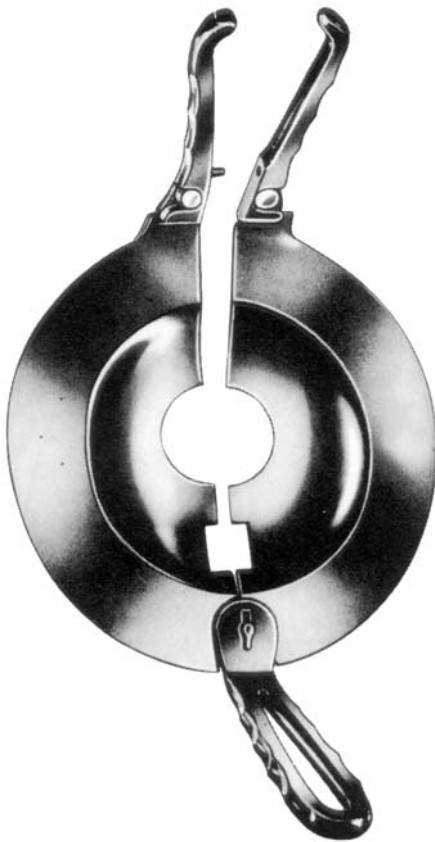


- 9-1260** Gigli Saw, stainless 30 cm
- 9-1262** Gigli Saw, stainless 40 cm
- 9-1264** Gigli Saw, stainless 50 cm
- 9-1266** Gigli Saw, stainless 70 cm



05E-012 De Martel 31 cm, Saw Guide

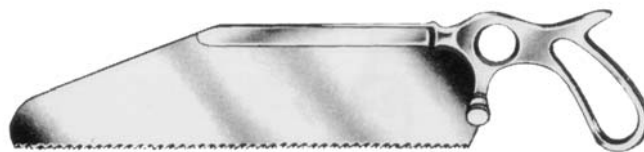
Amputation Retractor and Saws



9-1280 Percy Retractor



16E-020 Charrière 30 cm



16E-021 Satterlee 31 cm



9-1290 Charrière 35 cm

Bone Cutting Forceps



LISTON
 16E-214 14,0 cm
 16E-215 17,0 cm
 16E-216 19,0 cm
 16E-217 22,0 cm



16E-228 Ruskin-Liston 18,0 cm straight
16E-229 Ruskin-Liston 18,0 cm curved



16E-230 Stille-Liston 27,0 cm straight
16E-231 Stille-Liston 27,0 cm curved



9-1336 Stille Horsley 270 mm



9-1340 Stille Semb 270 mm



16E-225 Böhler 15,0 cm straight
16E-226 Böhler 15,0 cm curved

Bone Rongeur Forceps



16E-213 Stille Bone Rongeur Forceps, geared, 23,0 cm



16E-204 Stille Luer Bone Rong. Fcps., geared, straight, 22,0 cm

16E-205 Stille Luer Bone Rong. Fcps., geared, curved, 22,0 cm



16E-202 Leksell-Stille Bone Rong. Fcps., geared, narrow, 24,0 cm

16E-203 Leksell-Stille Bone Rong. Fcps., geared, broad, 24,0 cm



16E-198 Ruskin Bone Rong. Fcps., geared, narrow, straight, 18,0 cm

16E-199 Ruskin Bone Rong. Fcps., geared, narrow, curved, 18,0 cm

16E-200 Ruskin Bone Rong. Fcps., geared, broad, straight, 18,0 cm

16E-201 Ruskin Bone Rong. Fcps., geared, broad, curved, 18,0 cm

Bone Rongeur Forceps



9-1370 Stille Ruskin 240 mm curved



16E-210 Zaufal Jansen Bone Rong. Fcps., geared, straight, 18,0 cm



16E-206 Böhler Bone Rong. Fcps., geared, straight, 18,0 cm
16E-207 Böhler Bone Rong. Fcps., geared, curved, 15,0 cm



9-1380 Beyer Rongeur, curved

Bone Rongeur Forceps



16E-184 Luer 17,0 cm straight
16E-185 Luer 17,0 cm curved



16E-197.01 Lempert 16,0 cm straight
16E-197.02 Lempert 19,0 cm straight

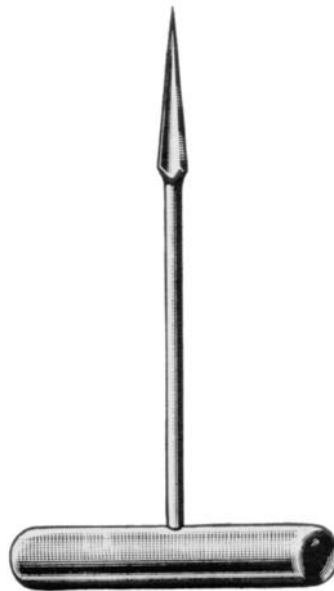


16E-197.05 Lempert 16,0 cm curved
16E-197.06 Lempert 18,5 cm curved

Awls and Files



9-1450 Perthes, 22,0 cm
9-1452 Perthes, 16,0 cm



9-1454 15,0 cm



9-1456 16,0 cm



9-1470 Putti, 30,0 cm



9-1472 Putti, 28,0 cm