Manufacturers & Exporters

Akhyar Surgical Professionals

ASP

AKHYAR

PROFESSIONAL ORTHOPEDIC INSTRUMENTS

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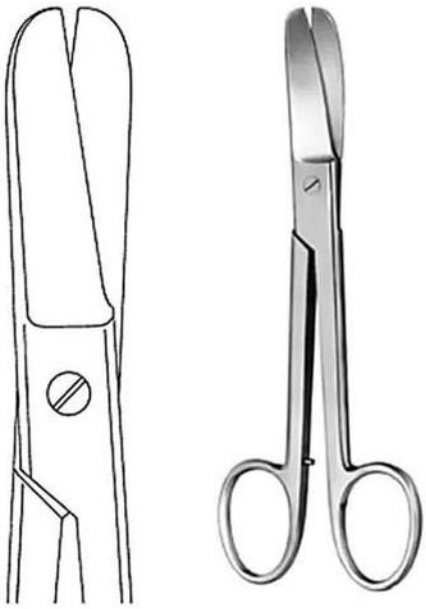
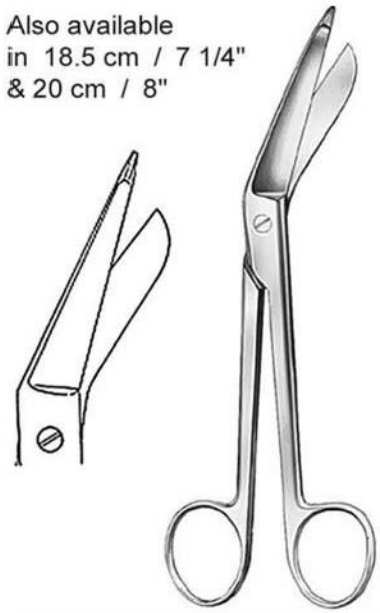
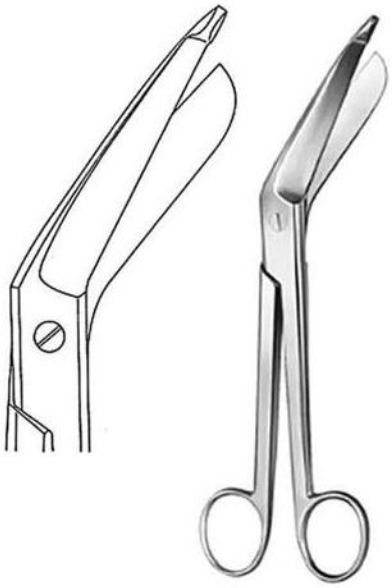


AK-OI-1001
Lorenz Bandage Scissors
Heavy Pattern 23 cm / 9"



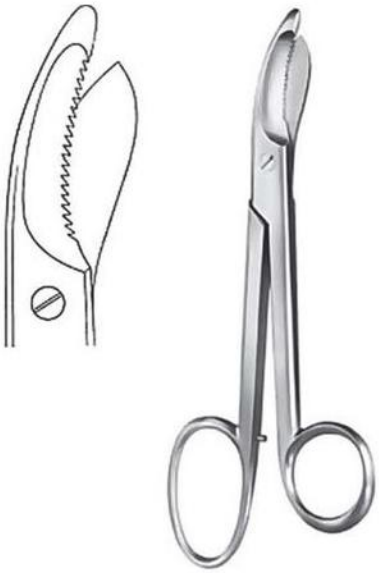
AK-OI-1002
Lister Bandage Scissors
14.5 cm / 5 ¾"



AK-OI-1003
Bergmann Plaster Shears
Heavy Pattern 23.5 cm / 9"

AK-OI-1004
Esmarch Plaster Shears
Heavy Pattern, Short Blades
20 cm / 8"

AK-OI-1005
Bandage Scissors
16cm / 6 ¼" Black Plastic Rings



AK-OI-1006
Bruns Plaster Scissors 24 cm
9 ½" One Serrated Cutting Edge

AK-OI-1007
Stille-Martin Plaster Shears
23 cm / 9"

AK-OI-1008
Engel Plaster Saw 15.5 cm / 6"

AK-OI-1009
Engel Plaster Saw 15.5 cm / 6"

AK-OI-1010
Bergmann Plaster Saw 18 cm / 7"

AK-OI-1011 Reiner Plaster Knife 18 cm / 7"

AK-OI-1012 Hopkins Plaster Knife 20 cm / 8"

AK-OI-1013 Esmarch Plaster Knife 18 cm / 7"

with wooden handle

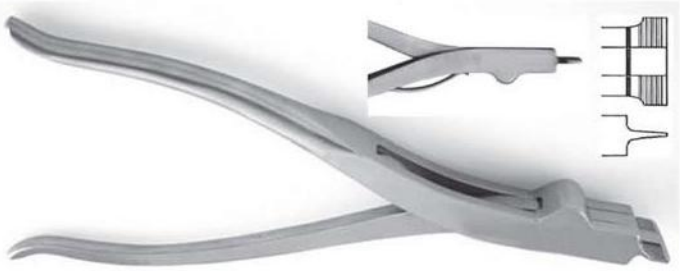
AK-OI-1014 Martin Plaster Knife 21 cm / 8 ¼"

AK-OI-1015
Hermann Plaster Spreader
48 cm / 19" Heavy Pattern

AK-OI-1016
Hennig Plaster Spreader
28 cm / 11"

AK-OI-1017
Hennig Plaster Spreader
30 cm / 12"

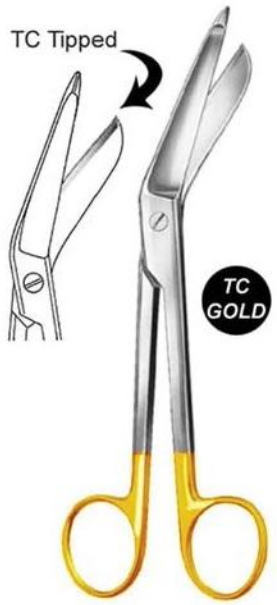
AK-OI-1018 Beeson Plaster Spreader 1.5 in Blade 30 cm / 12"



AK-OI-1019 Walton Plaster Spreader w/Spring 3 Prongs 23 cm / 9"

AK-OI-1020

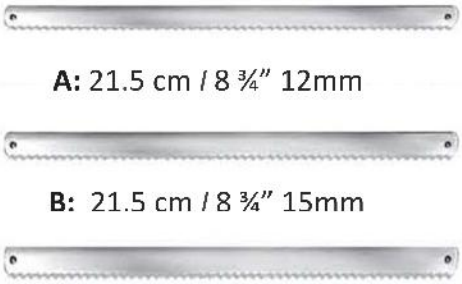
Wolff Plaster Breaker
A: 18 cm / 7"
B: 26.5 cm / 10 ½"



AK-OI-1021
Lister Bandage Scissors TC
18 cm / 7" cm / 13 ¾"

AK-OI-1022
Bruns Plaster Scissors
24 cm / 9 ½"

AK-OI-1023
Charriere Amputation Saw 35 cm / 13 ¾"



A: 21.5 cm / 8 ¾" 12mm

B: 21.5 cm / 8 ¾" 15mm

C: 21 .5 cm / 8 ¾" 18mm

Spare Saw Blades

AK-OI-1024
BIER Amputation Saw 40.5 cm / 16"

A: 27 cm / 10 ¾" 4 mm wide

B: 27 cm / 10 ¾" 6 mm wide

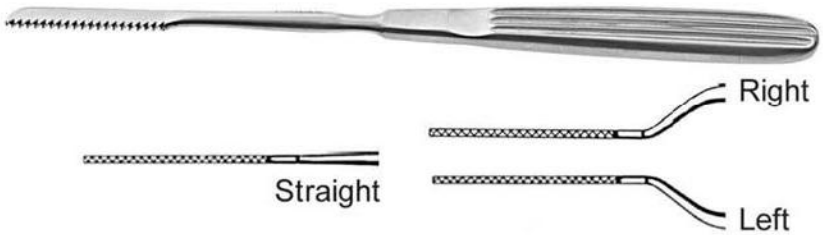
C: 27 cm / 10 ¾" 8 mm wide

AK-OI-1025
Langenbeck Amputation Saw 24.5 cm / 9 3/4"

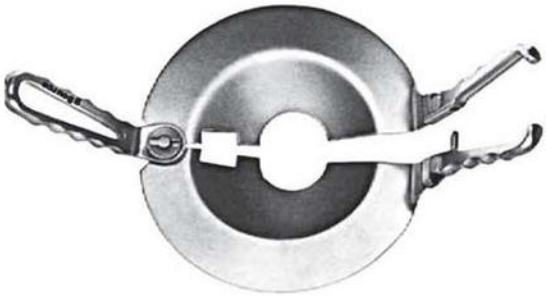
AK-OI-1026 Satterlee Amputation Saw
29 cm / 11 ½"

AK-OI-1028 Charriere Amputation Saw 27 cm / 10 ½"

AK-OI-1027 Satterlee Amputation Saw 23 cm / 9"



AK-OI-1029 Joseph Amputation Saw 18 cm / 7"



AK-OI-1030

Percy Amputation Shield 30 cm / 12"

AK-OI-10233

A: Gigli Saw 30cm
B: Gigli Saw 50cm
C: Tyler Gigli Saw (Large Cut) 30cm
D: Tyler Gigli Saw (Large Cut) 30cm

Gigli Saw Handles SOLID

AK-OI-1034 Gigli Sold in Pair

AK-OI-1035 Gigli Sold in Pair

AK-OI-1031 BAILEY GIGLI SAW GUIDE 30 CM

AK-OI-1032 POPPEN GIGLI SAW GUIDE 28 CM

Gigli Saw Handles SOLID

AK-OI-1036 Gigli Sold in Pair

AK-OI-1037 Gigli Sold in Pair

REAMERS - AWLS – BONE HOOKS

AK-OI-1038

Reamer
13.5cm / 5 ¼"

AK-OI-1039

Perthes Reamer
18 cm / 7"

AK-OI-1040

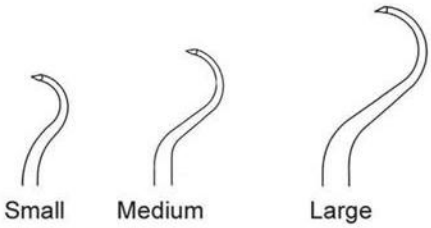
Perthes Reamer
21.5 cm / 8 ½"

AK-OI-1041

Reamer One concave
side 14 cm / 5 ½"

AK-OI-1042

Glenoid Punch
20 cm / 8"



AK-OI-1043

Shoulder Percussion Awl **A:** 21 .5cm / 8 ½" **B:** 23.5cm / 9 ¼"

A: 20cm / 8"
19X27mm
Sharp

B: 23cm / 9"
15X20mm
Blunt

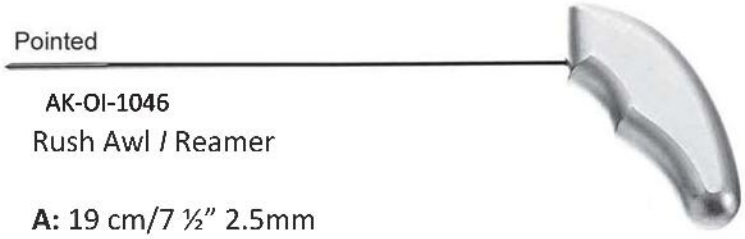
C: 23cm / 9"
15X20mm
Sharp

C: 25cm / 9 3/4"
15X20mm
Sharp

AK-OI-1044 Volkman Bone Hook

AK-OI-1045

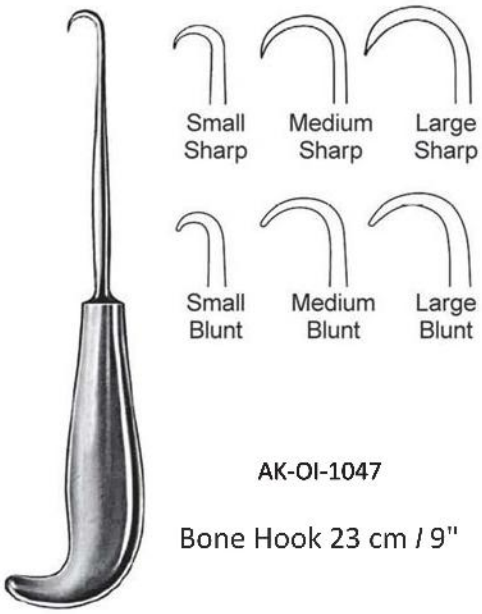
Kuntscher Diamond Awl 28 cm / 11”



AK-OI-1046

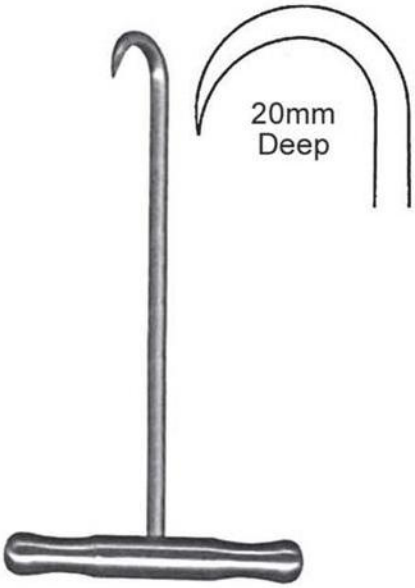
Rush Awl / Reamer

A: 19 cm/7 ½” 2.5mm
B: 21 cm/8 ¼” 3mm
C: 21 cm/8 ½” 5mm
D: 26 cm/10 ½” 6mm



AK-OI-1047

Bone Hook 23 cm / 9"



AK-OI-1048

Bone Hook T Handle 20 cm / 8"

AK-O I-1049

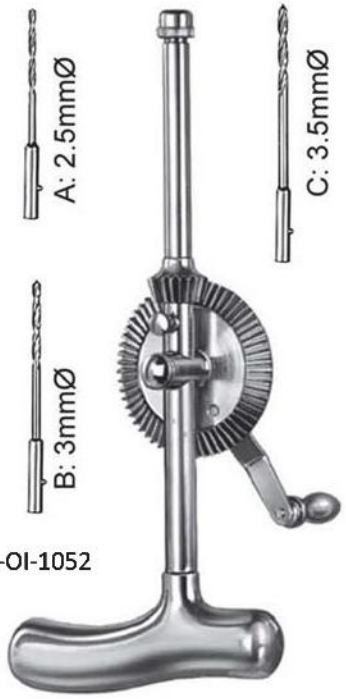
Bone Hook T Fiber Handle 14cm / 5 5/8”

Shoulder Penetrating Awl Fiber Handle
A: 18cm / 7” B: 23cm / 9"

AK-OI-1050

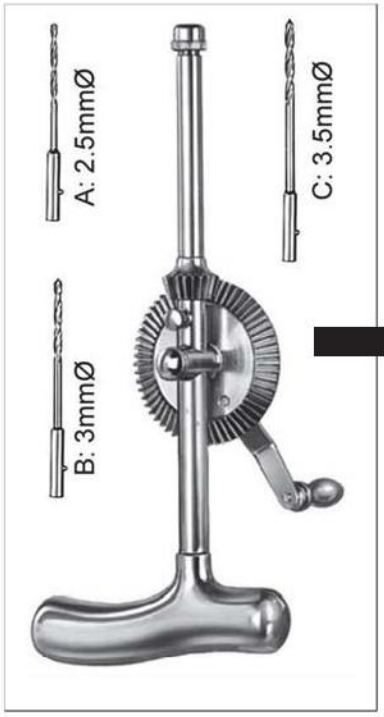
AK-OI-1051

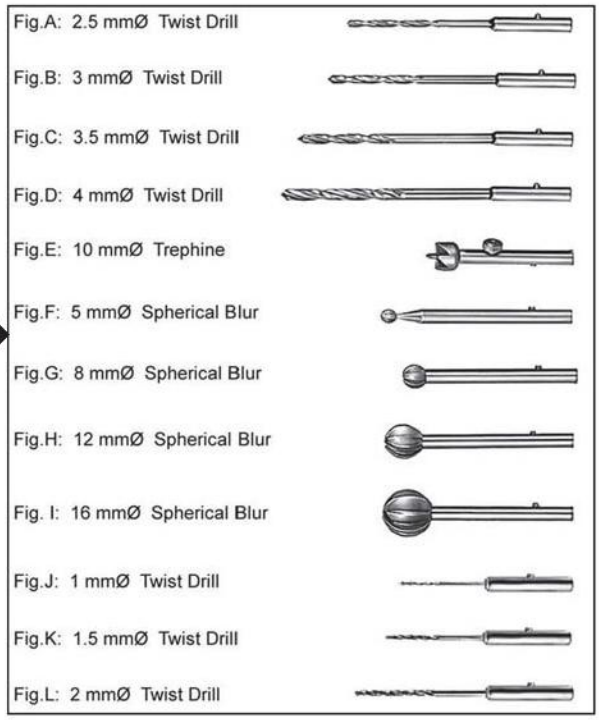
Pointed Awl Fiber Handle 25cm / 10"



AK-OI-1052

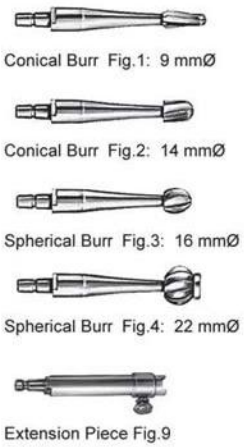
Stille-Sherman Hand Drill
24 cm / 9 ½" with 3 twist drills





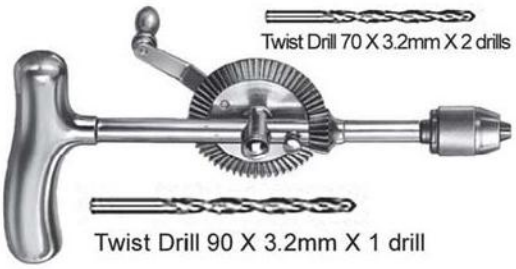
AK-OI-1053

Stille Hand Drill 20.5 cm / 8" w / 9 Twist Drills

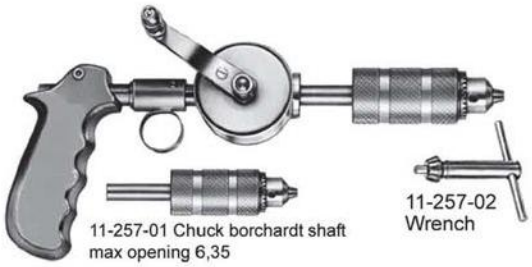


AK-OI-1054

Hudson Hand Drill
28 cm / 11"
Complete with burrs Fig #. 1 - 4
& additional price for additional accessories



AK-OI-1055 Moore Hand Drill
Complete with a set of 3 twist drills



AK-OI-1056

Martin Hand Drill with Chuck & Wrench

AK-OI-1057
Bunnell Hand Drill
16cm / 6-1/4"

Longitudinally Bored with 3-Jaw-Chuek
Light Metal Housing opening up to 4mm

AK-OI-1058
Bunnell Hand Drill
16cm / 6-1/4"

Twin Shade Powder Coated Longitudinally bored with 3-Jaw-Chuek light metal housing opening up to 4mm

AK-OI-1059
Ralk Hand Drill

Light Metal Housing
Literally Angled Handle with 3-Jaw-Chuek and key, opening up to 6,35mm

AK-OI-1060

HAND DRILL
All Covered Polished / Dull or Coated.
Drills Holder at Bottom.

AK-OI-1061

Hand Drill
All Covered Light Weight / Polished / Dull or Coated. Key Holder and Self Retaining Locking Mechanism

AK-OI-1062

Box for Hand Drills
Outside Artificial Leather
/ inside Jumbo Foam

AK-OI-1063

Hand Drill
Polished / Dull or Coated. Operated Horizontally and Vertically

AK-OI-1064

Hand Drill
Polished / Dull or Coated.
All Covered

AK-OI-1065

All Hand Drills
Provided with Keys

AK-OI-1066

Hand Drill
Polished / Dull
Or Coated.
Open Housing

AK-OI-1067

Hand Drill
Polished / Dull
Or Coated.
Open Housing

AK-OI-1068

Hand Drill
Polished / Dull
Or Coated.
Semi Closed Housing

AK-OI-1069
Vickers Easidriver 14 Cm / 5 ½"

AK-OI-1070
14 cm / 5 1/2"
Handle *WI* Chuck Longitudinally
Bored Accommodating up to 3,95mm

AK-OI-1071
Handle with chuck T-Shaped

AK-OI-1072
Fiber T-Handle Key

AK-OI-1073
Key

AK-OI-1074
Key

AK-OI-1075
5mm Borchardt Shaft Twist Drill, Long Working End
A: 2.0mm **B:** 2.5mm **C:** 3.0mm **D:** 3.2mm **E:** 3.5mm **F:** 4.0mm **G:** 5.0mm **H:** 6.0mm 1: 7.0mm

AK-OI-1076
5mm Borchardt Shaft Twist Drill
A: 1.0mm **B:** 1.5mm **C:** 1.8mm **D:** 2.0mm **E:** 2.2mm **F:** 2.5mm **G:** 2.8mm **H:** 3.0mm **1:** 3.2mm **J:** 3.5mm **K:** 4.0mm **L:** 5.0mm

AK-OI-1077
5mm Borchardt Shaft Flat Trephine
A: 1.8mm **B:** 2.0mm **C:** 2.2mm **D:** 2.5mm **E:** 3.0mm **F:** 3.5mm **G:** 4.0mm **H:** 5.0mm

AK-OI-1078
5mm Borchardt Shaft Spherical Burr
A: 3.0mm **B:** 4.0mm

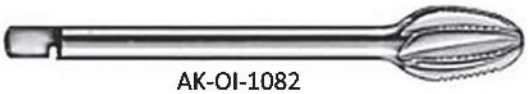
AK-OI-1079
5mm Borchardt Shaft Spherical Burr
A: 3.0mm **B:** 5.0mm

Long 5mm Borchardt Shaft

AK-OI-1080
Doyen Spherical Burr
A: 4mm **B:** 6mm **C:** 8mm **D:** 10mm **E:** 12mm **F:** 14mm **G:** 16mm

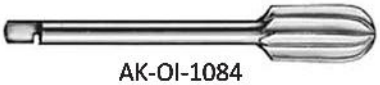
Short 5mm Borchardt Shaft

AK-OI-1081
Doyen Spherical Burr
A: 4mm **B:** 6mm **C:** 8mm **D:** 10mm **E:** 12mm **F:** 14mm **G:** 16mm



AK-OI-1082
Doyen Conical Burr
Coarse Spacing 12mm Dia

AK-OI-1083
Doyen Conical Burr
Fine Spacing **A:** 8mm / **B:** 10 mm



AK-OI-1084
Doyen Cylindrical Burr
Coarse Spacing A: 12mm / B: 15mm

AK-OI-1085
Albee Burr Oval Coarse Spacing
A: 8mm / B: 10 mm / C: 12 mm

AK-OI-1086
Albee Burr Pointed 7 mm

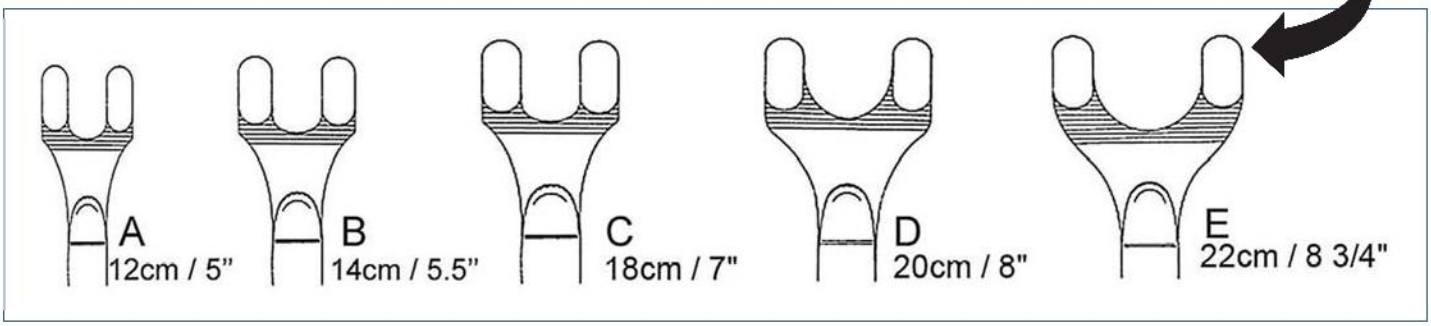
AK-OI-1087
Borchardt Burr Oval Coarse Spacing 13mm

AK-OI-1088
Flat Burr Short Borchardt Shaft 25mm

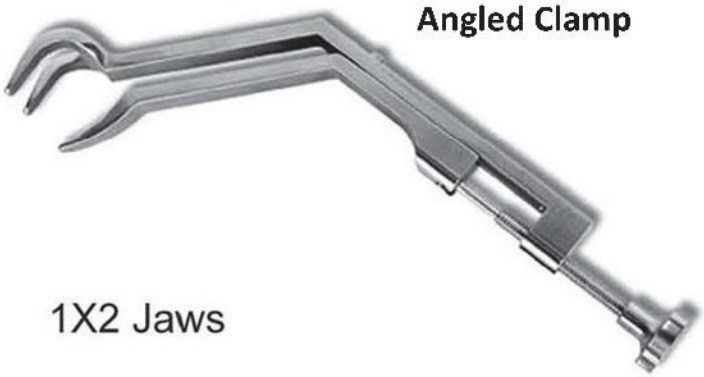
AK-OI-1089
Toti Trephine Short Borchardt Shaft 8mm

AK-OI-1090 Gerster-Lowman Bone Holding Clamp

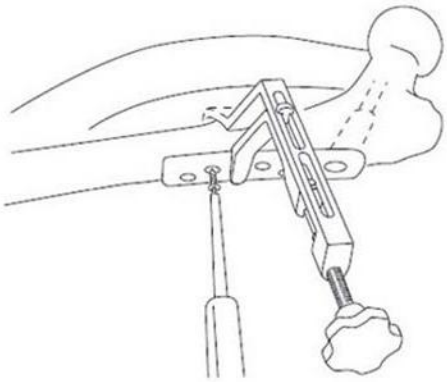
AK-OI-1091 **Standard Clamp**



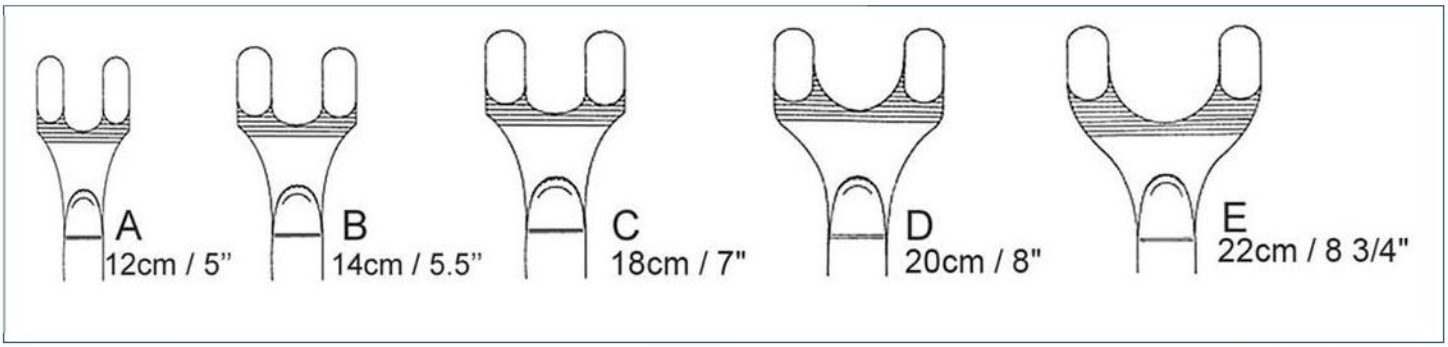
Angled Clamp



1X2 Jaws



AK-OI-1092 Gerster-Lowman Bone Holding Clamp



AK-OI-1093 Gerster Traction bar 15 cm / 6”

A: 12cm / 5"
B: 18cm / 7"
C: 21cm / 8.5"

AK-OI-1094

Gerster-Lowman Bone Holding Clamp

A: 18cm / 7"
B: 20cm / 8"

AK-OI-1095

Gerster-Lowman Bone Holding Clamp

AK-OI-1096
Vise Grip Locking Plier 23 cm / 9"

AK-OI-1099
Vise Grip Locking Plier 20.5 cm / 8"

AK-OI-1101
Vise Grip Locking Plier 18 cm / 7"

AK-OI-1098
Needle Nose Locking Plier 30 cm / 12"

AK-OI-1100
Needle Nose Locking Plier 25.5 cm / 10"

AK-OI-1102
Needle Nose Locking Plier 22 cm / 8.5"

AK-OI-1103
Flat Nose Plier 18.5 cm / 7 ¼" Parallel Grip SS

AK-OI-1105
Flat Nose Plier-Cutter 18.5 cm / 7 ¼" Parallel Grip SS

AK-OI-1104
Long Nose Plier 22 cm / 8 ¼"

AK-OI-1106
Vise Grip 20.5 cm / 8" Stainless Steel

AK-OI-1107
Regular Jaw Locking Plier
A: 18 cm / 7" **B:** 20 cm / 8" **C:** 23 cm / 9"

AK-OI-1108
Needle Nose Locking Plier
A: 22 cm / 8.5" **B:** 25.5 cm / 10" **C:** 30 cm / 12"

AK-OI-1109
SLAP HAMMER w/ Threaded Shaft Head

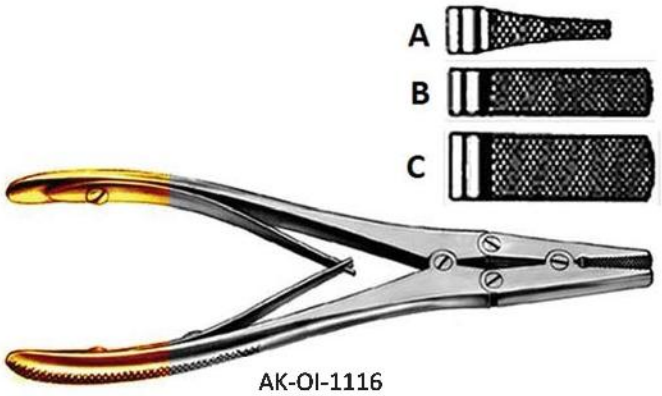
AK-OI-1110
SLAP HAMMER *w/* Hexa Shaft Head

AK-OI-1112
Combi-Fiat Nose Pliers 15 cm / 6"
For Bending & Cutting

AK-OI-1113
Flat Nose Plier 13.5 cm / 5 ¼"

AK-OI-1114
Round / Flat Nose Pliers 18 cm / 7"

AK-OI-1115
Hackstock Flat Nose Pliers 16 cm / 6 ¼"



AK-OI-1116

Flat Nose Pliers 18 cm / 7" Parallel Grip

AK-OI-1117

Flat Nose Pliers 17 cm / 6 ¾" with crosswise groove

AK-OI-1118

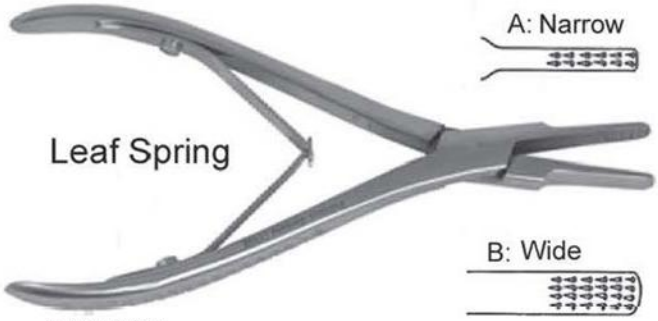
Flat Nose Pliers 17.5 cm / 7"

AK-OI-1119

Flat Nose Pliers Pointed 19.5 cm/ 7 ¾"

AK-OI-1120

Platypus Nail Pulling Forceps 15.5 cm / 6 ¼"



AK-OI-1121

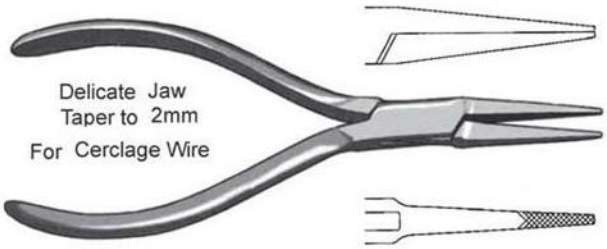
Platypus Nail Pulling Forceps 15.5 cm / 6 ¼"

AK-OI-1122

Round Nose Pliers 15.5 cm/ 6 ¼"

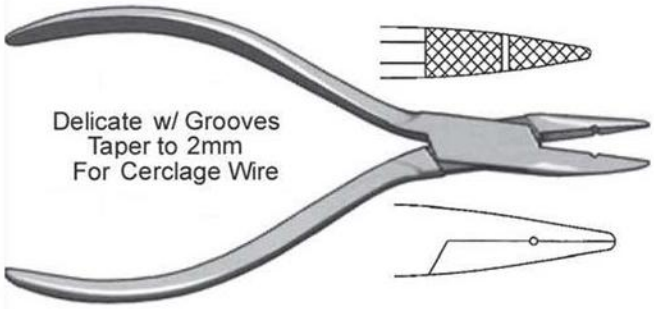
AK-OI-1123

Needle Nose Pliers 15.5 cm / 6 ¼"



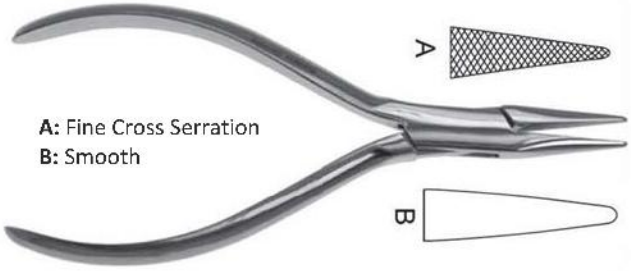
AK-OI-1124

Flat Nose Pliers 15 cm / 6"



AK-OI-1125

Needle Nose Pliers 13.5 cm / 5 ¼"



AK-OI-1126

Needle Nose Pliers Taper to 2mm Tip 14 cm / 5 ½"

AK-OI-1127

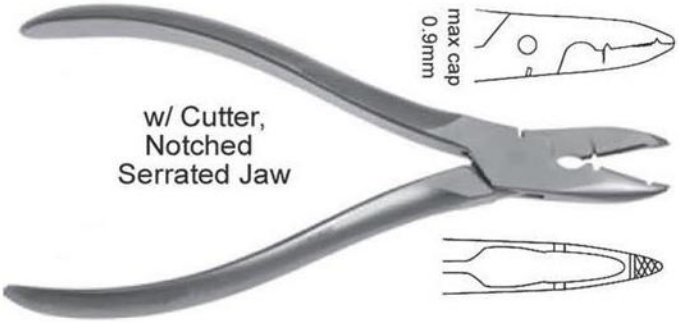
Wire Cutting Pliers 18.5 cm / 7 ¼"

AK-OI-1128

Martin "Diamant" 16cm / 6 ¼"

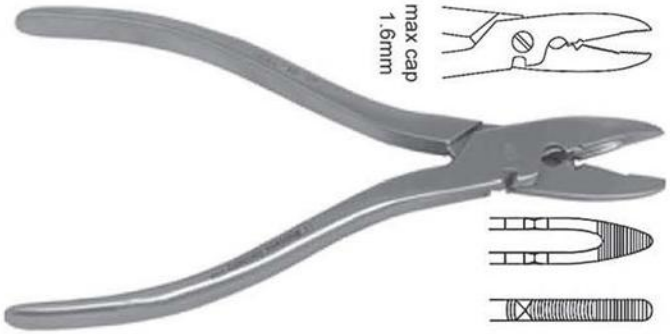
AK-OI-1129

Circlage Pliers / Cutter 14 cm / 5 ½"



AK-OI-1130

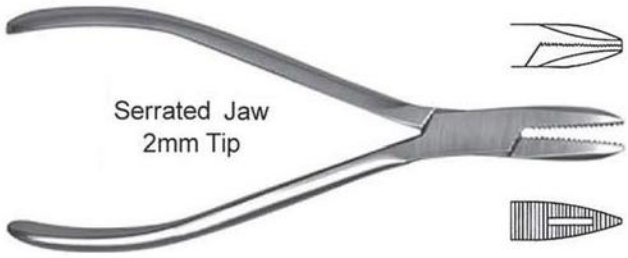
Wire Bending Pliers 20 cm / 8"



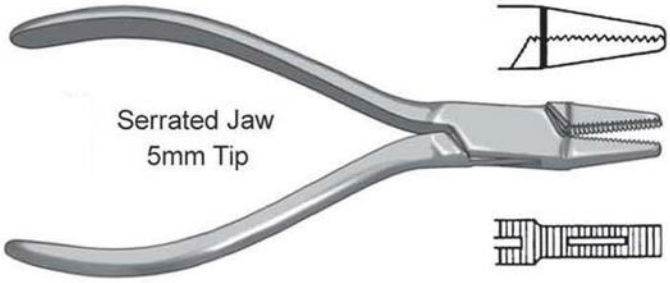
AK-OI-1131

Wire Bending Pliers 15 cm / 6"

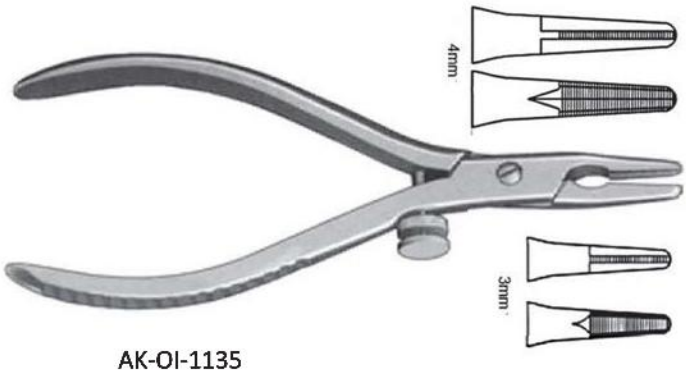
AK-OI-1132
Wire Bending Pliers TC 20 cm / 8"



AK-OI-1133
Needle Nose Pliers 15 cm / 6"

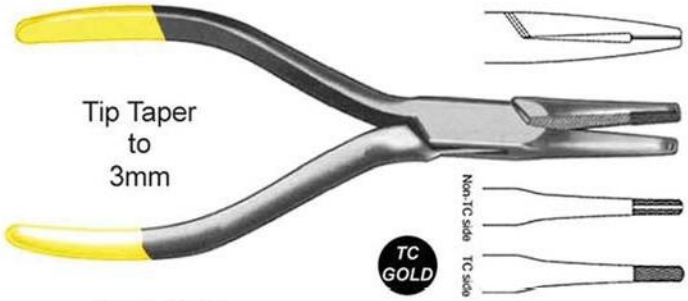


AK-OI-1134
Flat Nose Pliers 14 cm / 5 ½"

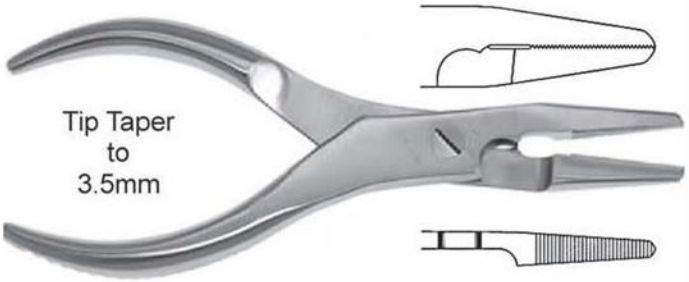


AK-OI-1135
K-Wire Pliers **A:** 13 cm / 5" **B:** 17.5 cm / 7"

AK-OI-1136
Screw/Pin Removing Pliers 19 cm / 7 ½"

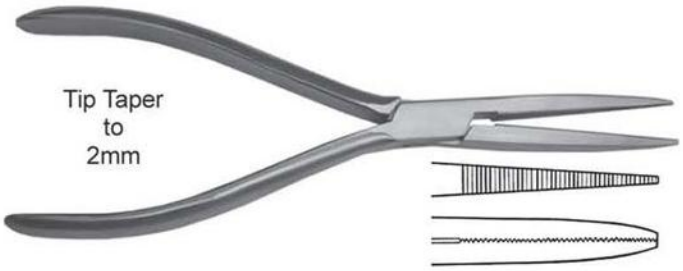


AK-OI-1137
Pin Puller Grips Small Pins 14 cm / 5 ½"



AK-OI-1138
Flat Nose Pliers w/ Cutter for Cerclage Wire 16 cm / 6 ½"

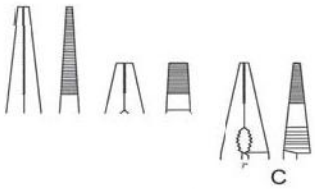
AK-OI-1139
19 cm / 7 ½" Narrow Nose Pliers Heavy Jaws for Pulling Wire / Pins



AK-OI-1140

Long Jaw Pliers 2inch Long Jaw Delicate 17.5 cm / 7"

A: 17.5 cm / 7" Needle Nose 2" Jaw
B: 16 cm / 6 ½" Square 7mm Jaw
C: 18 cm / 7" Tape to 2mm Tip

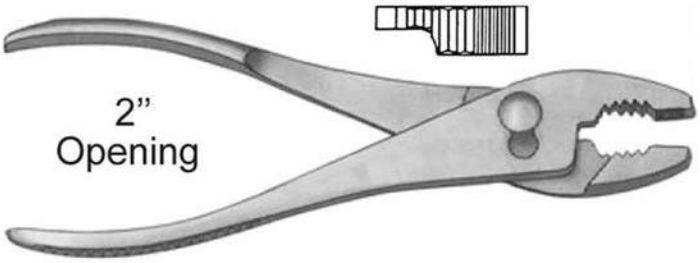


AK-OI-1141

UNIVERSAL Pliers

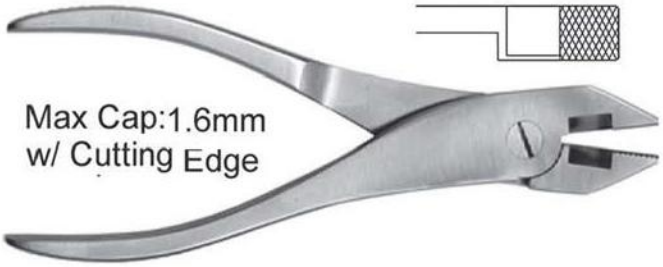
Serrated w/ Heavy duty Spring and Cutting Edge

Max Cutting Cap: 1.1 mm



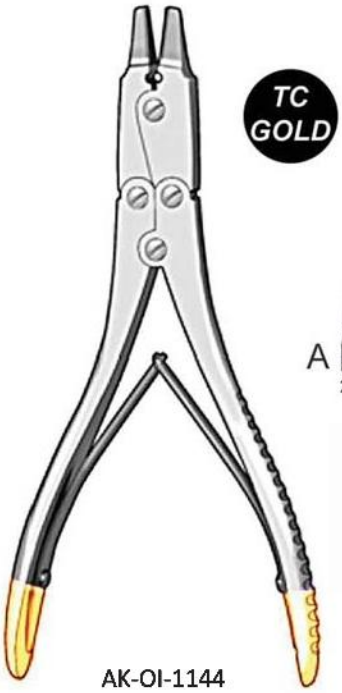
AK-OI-1142

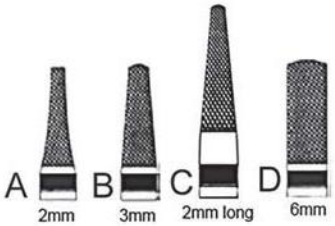
Slip Joint Pliers 20 cm / 8"



AK-OI-1143

Lineman Pliers 21 cm / 8 ½"

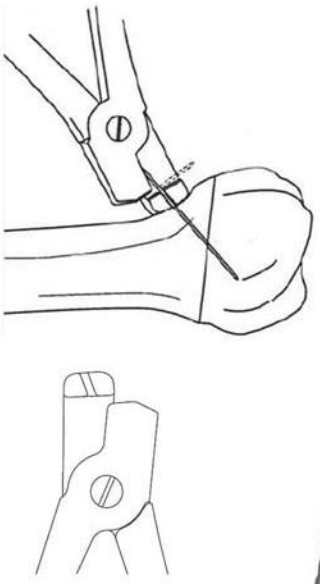




A: 2mm Delicate Jaw TC
B: 3mm Jaw TC
C: 2mm Long Jaw TC
D: 6mm Jaw TC

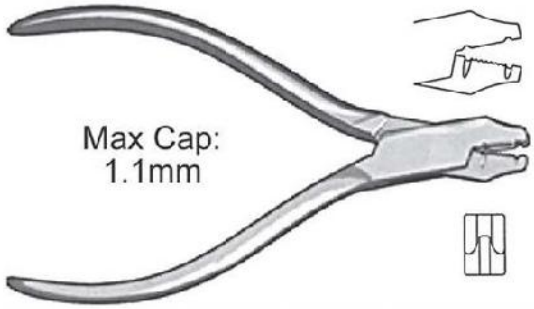
AK-OI-1144

Double Action Wire Extraction Plier
18 cm / 7"



AK-OI-1145

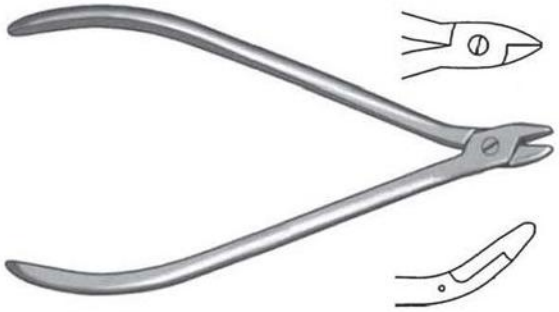
Gratloch Wire Bender
19 cm / 7 ½"



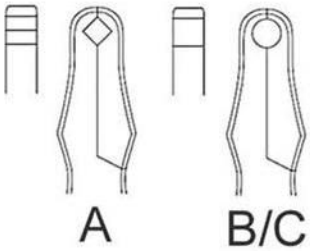
AK-OI-1146
K-Wire / Plate Bender 13.5cm / 5"

AK-OI-1147
K-Wire / Plate Bender 14.5 cm / 5 ½"

AK-OI-1148
Mini Plate Bending Pliers 13.5 cm / 5"



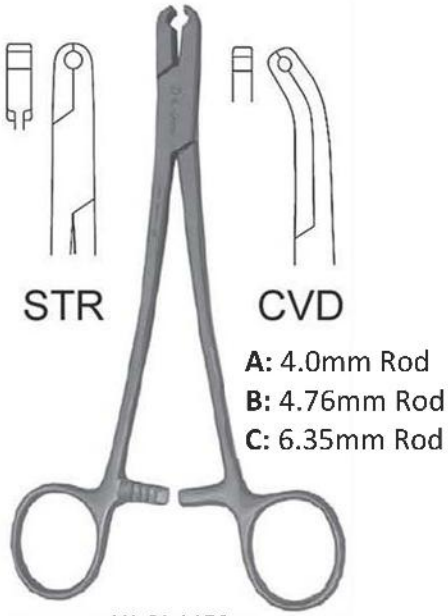
AK-OI-1149
Plate Bending Pliers 14.5 cm / 5 ½"



A: 5.5mm Rods Prism
B: 5.5mm Rods
C: 6.35mm Rods

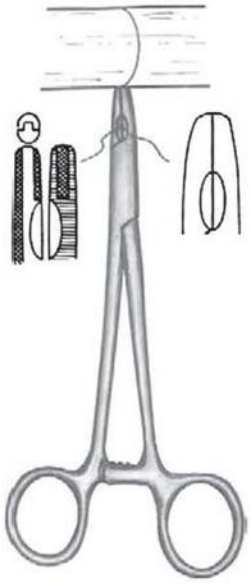
AK-OI-1150
Rod Holder STR 25 cm / 10"

AK-OI-1151
Rod Gripper Adjustable
21 cm / 8 ½"



AK-OI-1152
Rod Holder 18 cm / 7 ¼"

AK-OI-1153
Wire Pulling Forceps 16 cm / 6 ½"

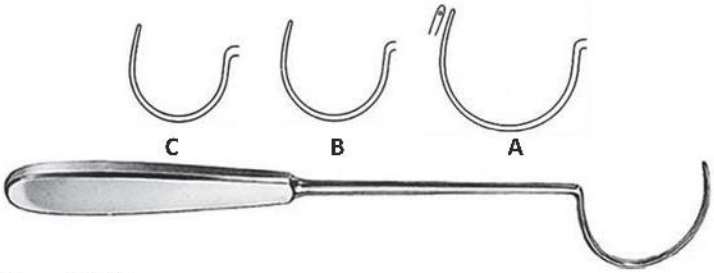


AK-OI-1154
Wire Twister / Tightner 16cm / 6 ¼"

AK-OI-1155
Loute Wire Tightener 21 cm / 8 ¼"

AK-OI-1156
Wire Tightener 12 cm / 4 ¾"

AK-OI-1157
Wire Tightener *w* / T Handle
11.5 cm / 4 ½"

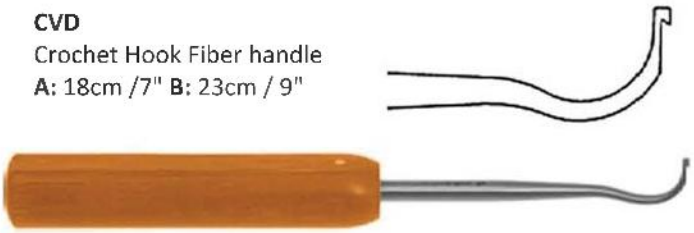


A: 31 cm /12 ¼"
B: 29 cm /11 ½"
C: 28 cm / 11"

AK-OI-1158
Demel Wire Guide

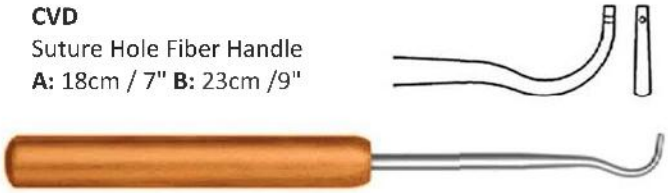
AK-OI-1159
Bankert Ligature Carrier

CVD
Crochet Hook Fiber handle
A: 18cm /7" **B:** 23cm / 9"



AK-OI-1160
Suture Passer

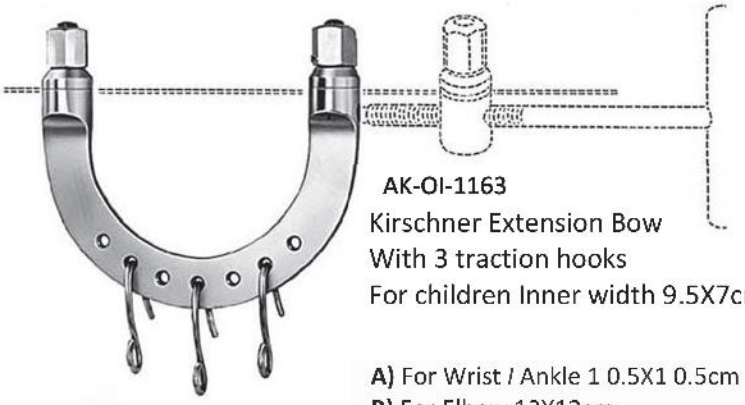
CVD
Suture Hole Fiber Handle
A: 18cm / 7" **B:** 23cm /9"



AK-OI-1161
Suture Passer

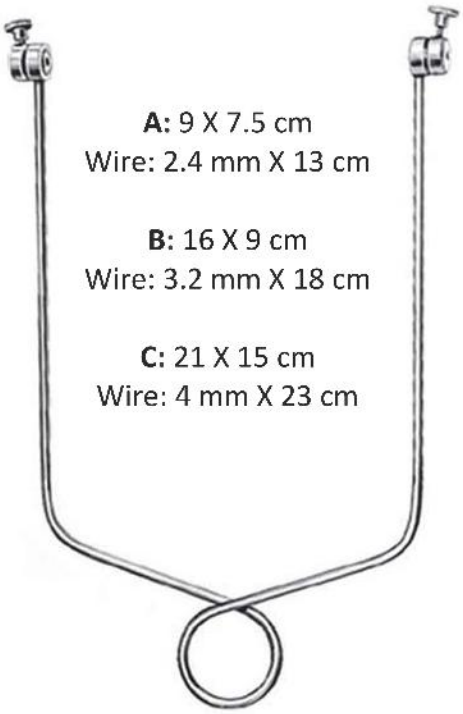
Suture Hole
20cm / 8"
A: Right Blunt
B: Left Blunt
C: Right Sharp
D: Left Sharp

AK-OI-1162
Deschamps Ligature Carrier



AK-OI-1163
Kirschner Extension Bow
With 3 traction hooks
For children Inner width 9.5X7cm

A) For Wrist / Ankle 1 0.5X1 0.5cm
B) For Elbow 12X12cm
C) For Knee 15.5X15.5cm
D) For Femur 20X15.5cm

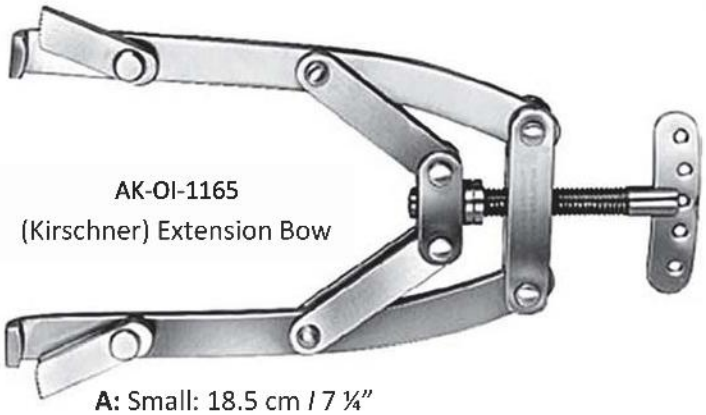


A: 9 X 7.5 cm
Wire: 2.4 mm X 13 cm

B: 16 X 9 cm
Wire: 3.2 mm X 18 cm

C: 21 X 15 cm
Wire: 4 mm X 23 cm

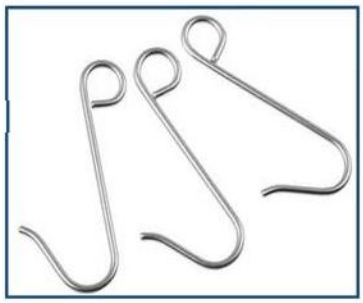
AK-OI-1164
Bohler Extension Bow for femur & knee



AK-OI-1165
(Kirschner) Extension Bow

A: Small: 18.5 cm / 7 ¼"
B: Large: 26.5 cm / 10 ½"

With 3 traction hooks



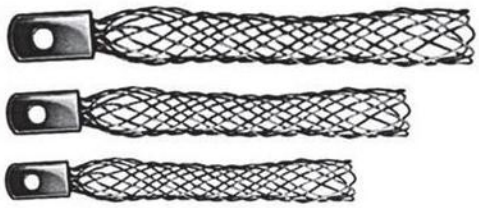
Traction Hook
For Extension Bows

AK-OI-1166
Extension Bow
A: 10 ½" X 6 ¼"
B: 7" X 4"

AK-OI-1167
Wire Strainer 18.5 cm / 7 ¼"

AK-OI-1169
Wrench 20 cm / 8"

AK-OI-1168
Fixation Discs
For wire drills, pair

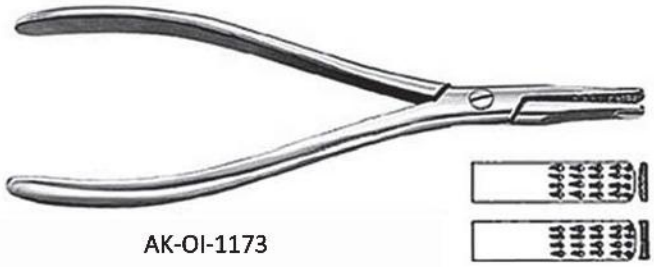


AK-OI-1170
Extension Sleeve
Small / Medium / Large

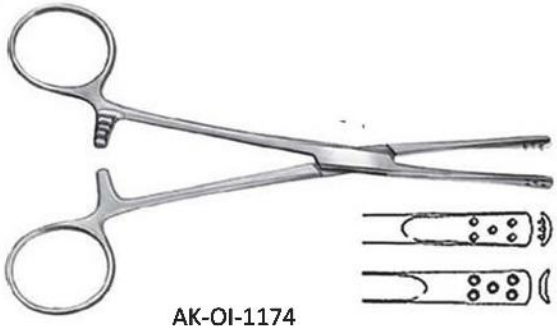
Complete with Drills
(Set of 3 drills) Small / Medium / Large

AK-OI-1171
Martin-Ideal
Finger Nail Drill

AK-OI-1172
Feldheim Tourniquet 10 cm / 4"



AK-OI-1173
Radolf Nail Extracting Forceps
14 cm / 5 ½"



AK-OI-1174
Nail Extracting Forceps 16 cm / 6 ¼"

AK-OI-1175
Martin Finger Ring Saw 18.5 cm / 6 ¾"
Spare Blades are Available Separately

AK-OI-1176
Walton Finger Ring Saw 16cm / 6 ¼"
Spare Blades are Available Separately

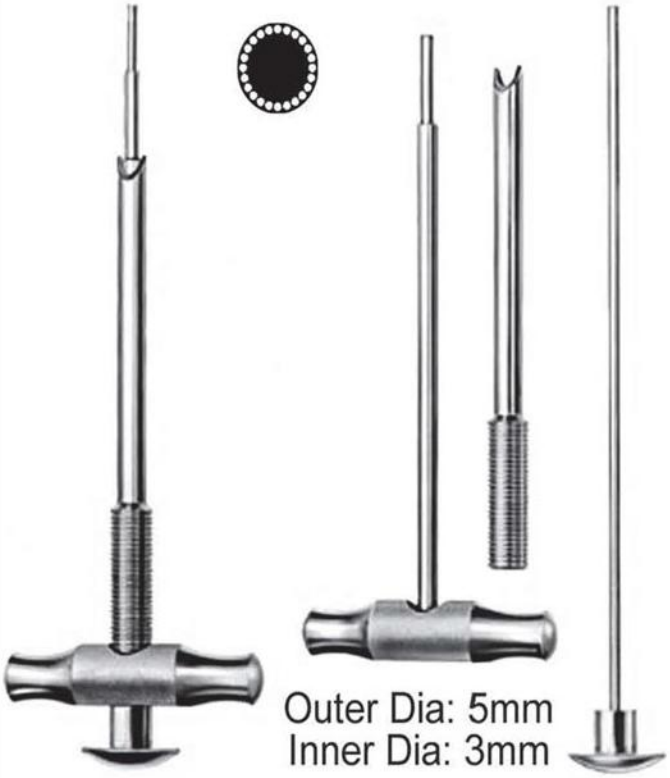
AK-OI-1177
Finger Ring Saw 17cm / 6 ¾"
Spare Blades are Available Separately

Stainless Steel
Color

AK-OI-1178
Finger Ring Saw Cutter Spare

AK-OI-1179
Lead Hand for Kids / Adults

AK-OI-1180
Lead Hand for Kids / Adults



AK-OI-1181
Champy-OSU Bone Biopsy Instruments
22 cm / 8 ¾"
Consisting of trocar, a toothed trephine and a plunger for taking tibial and iliac bone grafts through a closed technique

AK-OI-1182
Champy Bone Biopsy Instruments
22 cm / 8 ¾"

A) Outer Dia: 5mm / Inner Dia: 4mm
B) Outer Dia: 8mm / Inner Dia: 7mm

AK-OI-1183
Bone Tamper
15.5 cm / 6" Tip
Sizes: 2-3-4-5-6-8-9-10 mm

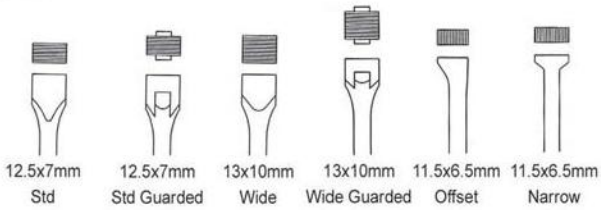
AK-OI-1184
A: 2 mm **B:** 3 mm **C:** 4 mm **D:** 5 mm
E: 6 mm **F:** 8 mm **G:** 9 mm **H:** 10 mm

AK-OI-1185
Champy Cancellous Bone graft Mill
Outer Dia: 17mm
Inner Dia: 16mm

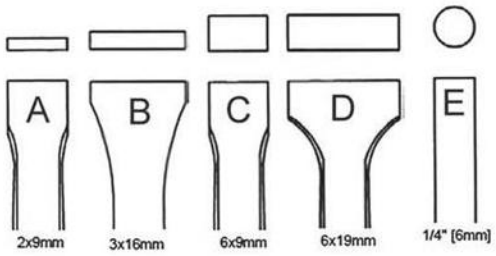
AK-OI-1186
Bone Impactor / Teflon Tip 17cm / 6 ½"

AK-OI-1187
Caspar Bone Tamper 20 cm / 8"

AK-OI-1188
Lumbar / Cervical Impactor 21cm / 8 ½"



AK-OI-1189
Lumbar / Cervical Impactor 21cm / 8 ½"



A: 2.X9mm **B:** 3X16mm
C: 6X9mm **D:** 6X19mm
E: 6mm Dia

AK-OI-1190
Bone Chip Packer 25cm / 10"

9.5mm DIA

AK-OI-1191
Bone Tamper 43 cm / 17"

AK-OI-1192
Putti Bone Rasp Round / Semi Round
30 cm / 11 ¾"

AK-OI-1193
Putti Bone Rasp Curved / Straight
27cm / 10 ¾"

AK-OI-1194
Bone File 28 cm / 11" w/ Hollow Handle Semi Round

AK-OI-1195
Bone File 24.5 cm / 9 ¾" w/ Hollow Handle Semi

AK-OI-1196
Bone File 22 cm / 8 ¾" Flat / Round

AK-OI-1197
Bone Rasp 22 cm / 8 ¾" Flat / Round

AK-OI-1198
Bone File Fiber Handle 18cm / 7"

A: Straight
B: Curved Forward
C: Curved Backward

AK-OI-1199
Bone File 18 cm / 7" Fiber Handle / Cross-Hatch

AK-OI-1200
Bone File 18 cm / 7" Fiber Handle / Linear

BONE RASPS - FILES

AK-OI-1201

Bone File 18 cm / 7" Fiber Handle / STR Diamond Coated

AK-OI-1202

Bone File 18 cm / 7" Fiber Handle / CVD Diamond Coated

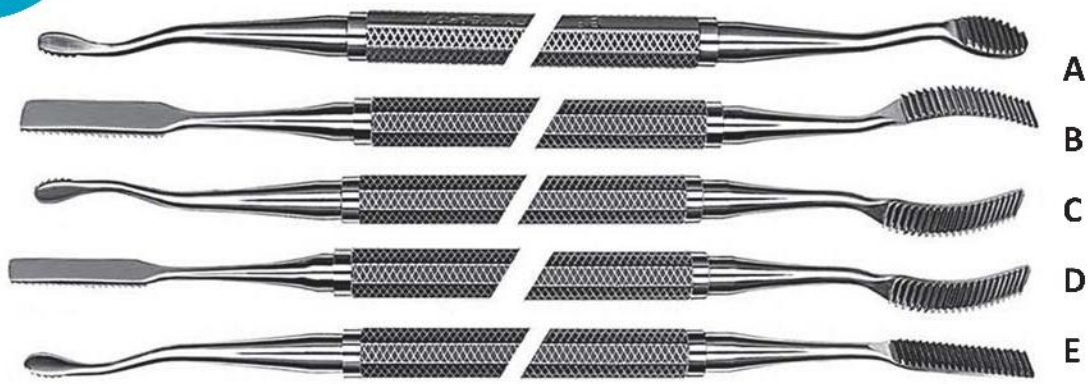
AK-OI-1203

Bipolar Bone Rasp w / Rod

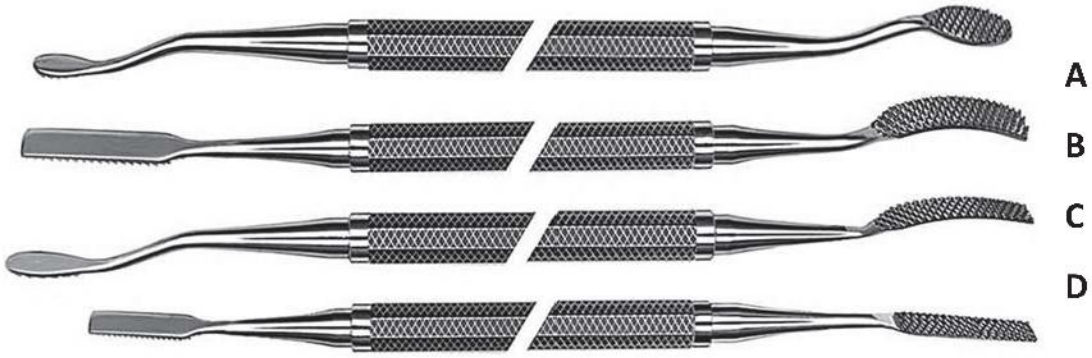
AK-OI-1204

Femoral Bone Rasp w / Rod

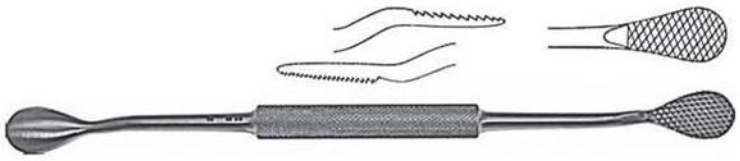
A: Small **B:** Medium **C:** Large



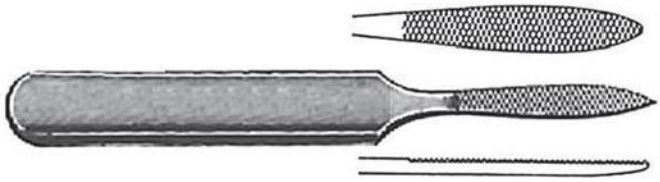
AK-OI-1205
Miller-Colburn Bone File 18 cm / 7" Downwards Cut



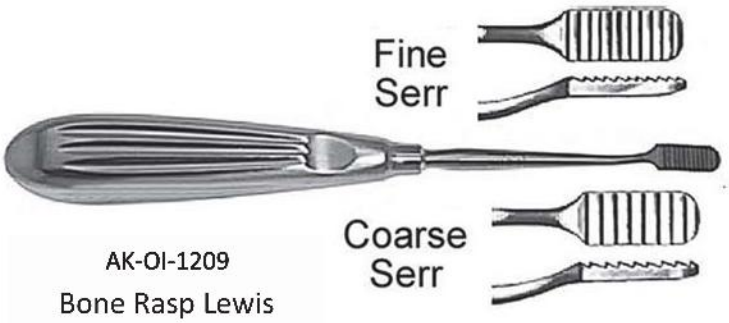
AK-OI-1206
Miller-Colburn Bone File 18 cm / 7" Cross Cut



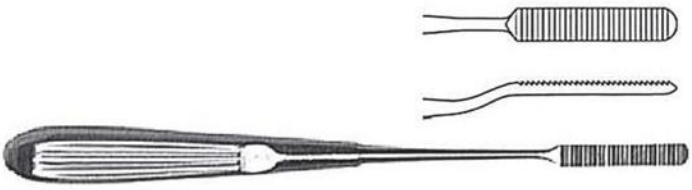
AK-OI-1207
Bone Rasp 21 cm / 8.5" 13mm Fine/Coarse
Straight



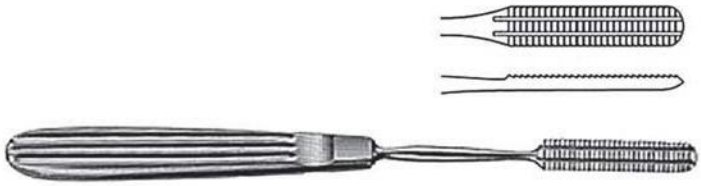
AK-OI-1208
Bone Rasp Joseph 16 cm / 6.25" 8mm
Fine Cross Serrated / Straight



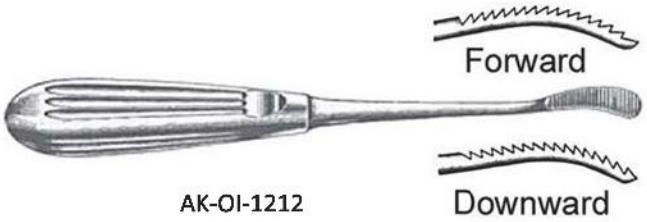
AK-OI-1209
Bone Rasp Lewis
19 cm / 7.5" 8mm



AK-OI-1210
Bone Rasp Cottle
20 cm / 8" 7mm Plain Serrated Downward



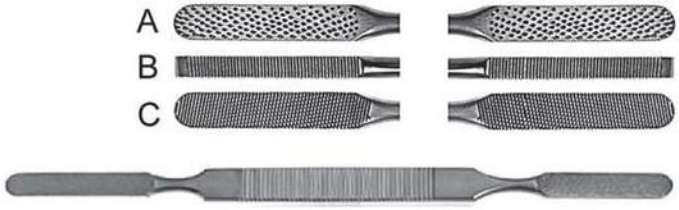
AK-OI-1211
Bone Rasp Maltz 18 cm / 7"
9mm Plain Coarse Serr Downward



AK-OI-1212
Bone Rasp Aufrieht 18 cm / 7"
9mm Coarse Serr CVD

AK-OI-1213
Bone Rasp Fomon 21 cm / 8.5"
8mmX40mm Course Serr 4 Sided Flat / Convex Baldes

AK-OI-1214
Bone Rasp Fomon 21 cm / 8.5"
8mmX40mm Fine Serr 4 Sided Flat / Convex Blades



AK-OI-1215
Bone Rasp Kleinert Kurtz 21 cm / 8.5"
8mmX45mm Fine/Coarse Serr 4 Sided Flat / Convex

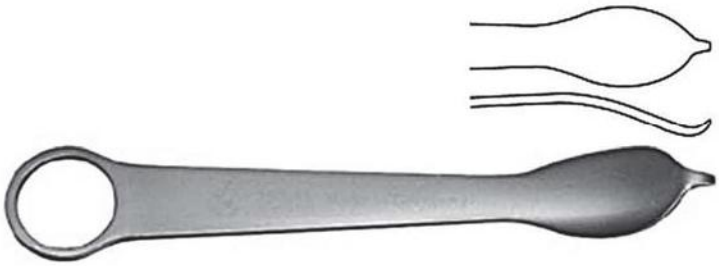
AK-OI-1216
Bone File / Rasp 21 cm / 8.5"
18mm Fine / Coarse Serr

AK-OI-1217
Bone Lever 16 cm / 6 ¼"

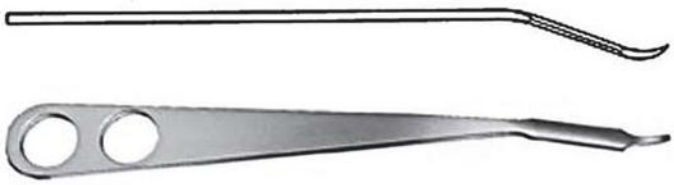
AK-OI-1218
Hohman, Mini Bone Lever 16 cm / 6 ¼" 6 mm tip

AK-OI-1219
Hohman, Mini Bone Lever 16 cm / 6 ¼" 8 mm tip

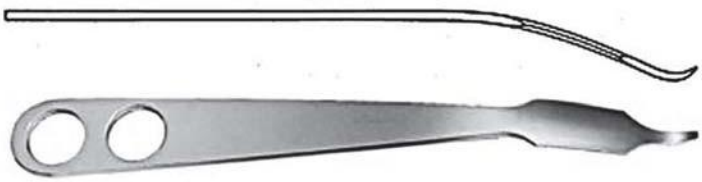
AK-OI-1220
Mini Bone Lever 16cm / 6 ¼" 14 mm tip



AK-OI-1221
Hohman, Mini Bone Lever 12 cm / 4 ¾" 14 mm tip



AK-OI-1222
Hohmann Bone Lever 22 cm / 8 ¾" 8 mm Tip narrow tip

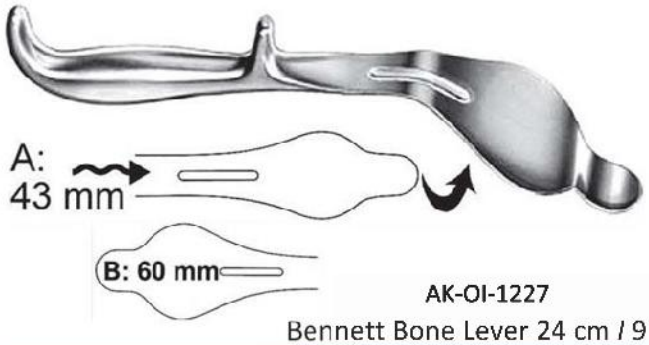


AK-OI-1223
Hohmann Bone Lever 23.5 cm / 9 ¼" 18 mm Tip narrow tip

AK-OI-1224
Hohmann Bone Lever 23.5 cm / 9 ¼" 43 mm Tip narrow tip

AK-OI-1225
Hohmann Bone Lever 29 cm / 11 ½" 35mm Tip wide tip

AK-OI-1226
Lange-Hohmann Bone Lever 25 cm / 9 ¾" 22mm Tip
Wide tip with groove



AK-OI-1227
Bennett Bone Lever 24 cm / 9 ½"

AK-OI-1228
Hohmann Bone Lever 27.5 cm / 10 ¾"
24mm Tip wide, round tip

AK-OI-1229
Hohmann Bone Lever 25 cm / 9 3/4" 70 mm Tip narrow tip

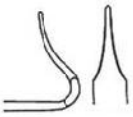
AK-OI-1230
Blount Knee Retractor 26.5 cm / 10 ½" blunt

AK-OI-1231
Hohmann Bone Lever 23.5 cm / 9 ¼" 43mm Tip narrow tip

AK-OI-1232
Blount Knee Retractor 26.5 cm / 10 ½"

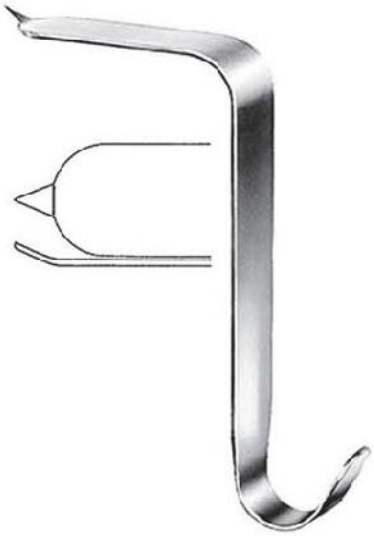
AK-OI-1233
Hohmann Bone Lever 25.5 cm / 10" 22mm Tip wide tip

AK-OI-1234
Blount Knee Retractor 17.5 cm / 7"



Sizes Available:

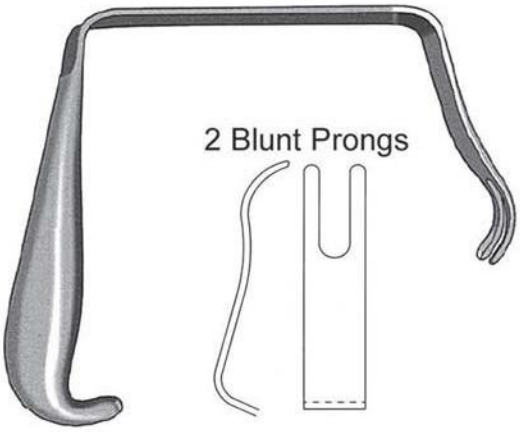
A: 75 X 30 mm
B: 100 X 30 mm



AK-OI-1235
Taylor Spinal Retractor
16 *cm / 6 ¼"*
Pointed end

AK-OI-1236
Fukuda Retractor
19 cm / 7 ½"
T-Handle

A: 32X81mm
B: 38X81mm



AK-OI-1237
Bristow / Bankart Humeral Retractor
18 cm / 7"

Medium Blade:
57 /69mm Deep
11mm Wide

Large Blade:
63/76mm Deep
11mm Wide

AK-OI-1238
Z Knee Retractor 15 cm / 6"

AK-OI-1239
Deltoid Retractor 28 cm / 11" T Handle *w* / Ring

AK-OI-1240
Humeral Head Retractor 18 cm / 7" Strong Curved

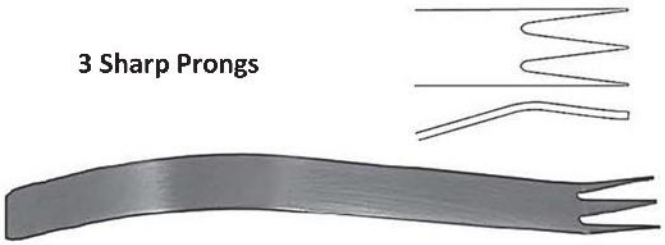
22 mm Blade
1 Sharp Prong

AK-OI-1241
Capsule Retractor 25 cm / 10"

22 mm Blade
2 Sharp Prong

AK-OI-1242
Capsule Retractor 25 cm / 10"

3 Sharp Prongs



AK-OI-1243
Capsule Retractor 25 cm / 10"

Soft Tissue Retractor
3 Blunt Prong

22mm Blade

AK-OI-1244
Bristow / Bankart 19 cm / 7 ½"

13X18mm Blade

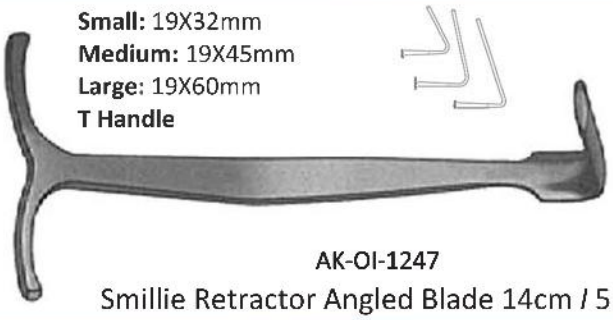
T Handle

AK-OI-1245
Smillie Retractor 13 cm / 5"

13X55 mm Blade

T Handle

AK-OI-1246
Smillie Retractor 14 cm / 5 ½"

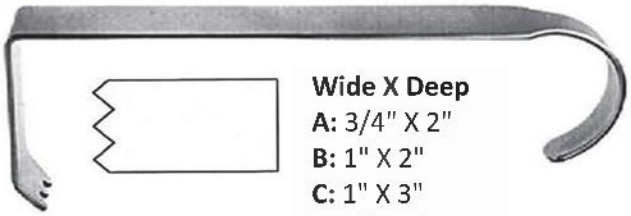


Small: 19X32mm
Medium: 19X45mm
Large: 19X60mm
T Handle

AK-OI-1247
Smillie Retractor Angled Blade 14cm / 5 ½"

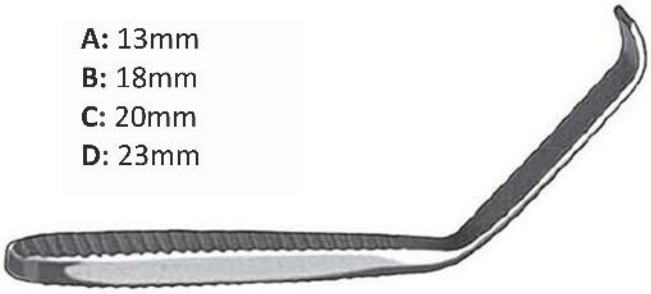
9 X 38 mm Blade

AK-OI-1248
Knee Retractor 22 cm / 8 ½" Ring Handle



Wide X Deep
A: 3/4" X 2"
B: 1" X 2"
C: 1" X 3"
D: 1" X 4"

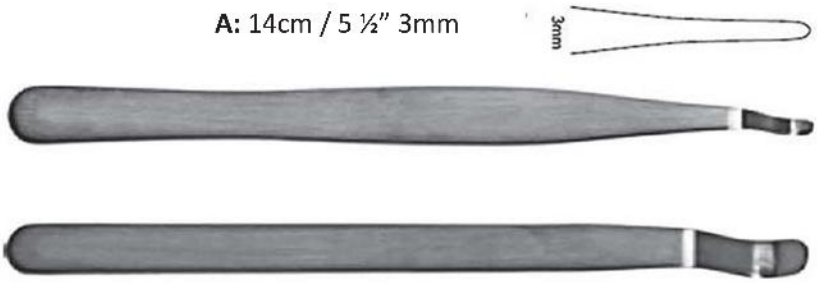
AK-OI-1249
Hibbs Retractor 24 cm / 9 ½" Sharp Teeth



A: 13mm
B: 18mm
C: 20mm
D: 23mm

AK-OI-1250
Blade Retractor 19 cm / 7 ½"

A: 14cm / 5 ½" 3mm

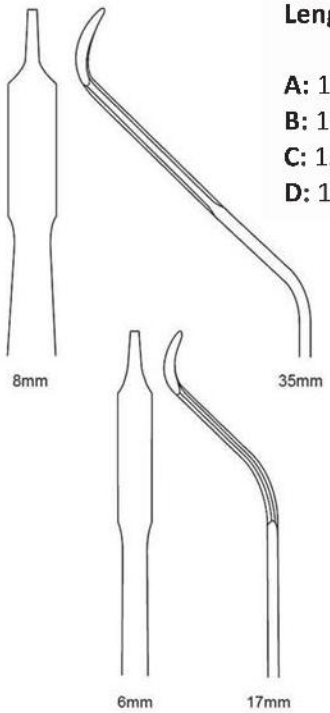


B: 15cm / 6" 7mm

AK-OI-1251 Hayes Retractor

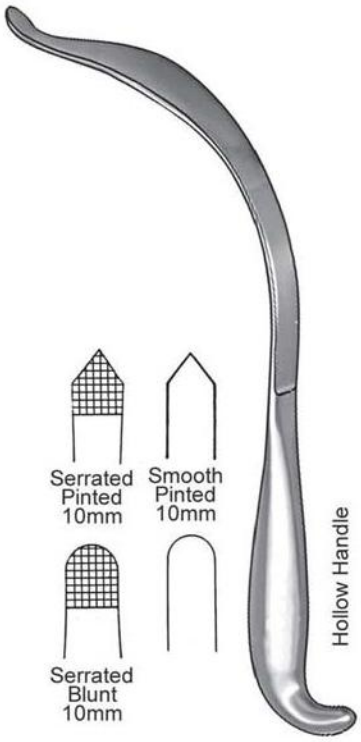
AK-OI-1252

Mini Hohmann Bone Levers
A: Blade: 6mm width/35mm drop
B: Blade: 6mm width/17mm drop
C: Blade: 8mm width/35mm drop
D: Blade: 8mm width/17mm drop



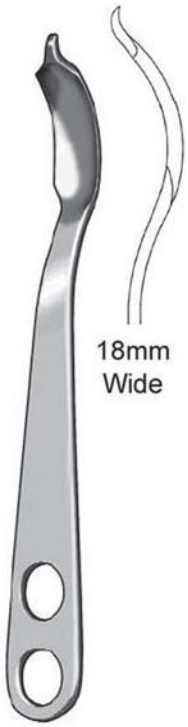
Length:

A: 15cm / 6"
B: 15.5cm/6 ¼"
C: 15cm/6"
D: 15.5cm/6 ¼"

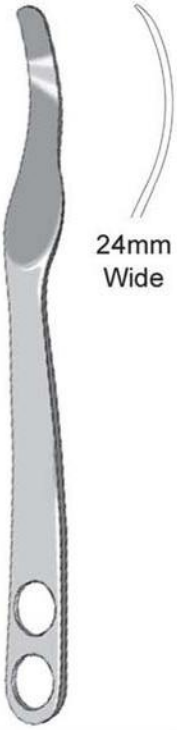


AK-OI-1253
Aufranc Cobra Retractor
26 cm / 10 ½"

AK-OI-1254
Aufranc Cobra Retractor
27.5cm / 11"



AK-OI-1255
Humeral Head Retractor
23 cm / 9"



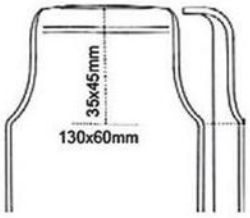
AK-OI-1256
Pelvic Retractor Single Prong
26 cm / 10 ½"

AK-OI-1257
Ribbon Retractor Malleable
30 cm / 12"

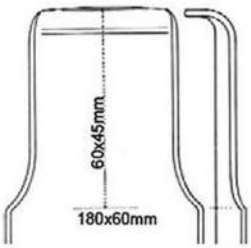
AVAILABLE SIZES:

A: 6" X 6mm
B: 6" X 12mm
C: 6" X 16mm
D: 6" X 19mm
E: 7 112" X 25mm
F: 8" X 6mm
G: 8" X 10mm
H: 8" X 12mm
I: 8" X 16mm
J: 8" X 19mm
K: 13" X 19mm
L: 13" X 30mm
M: 13" X 38mm
N: 13" X 45mm
0: 13" X 50mm
P: 13" X 65mm
Q: 13" X 75mm

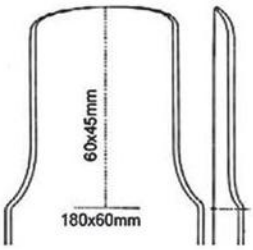
AK-OI-1258
Murphy Bone Skid
30 cm / 12"



A: 29cm /11 1/2" With Lip



B: 33cm /13" With Lip

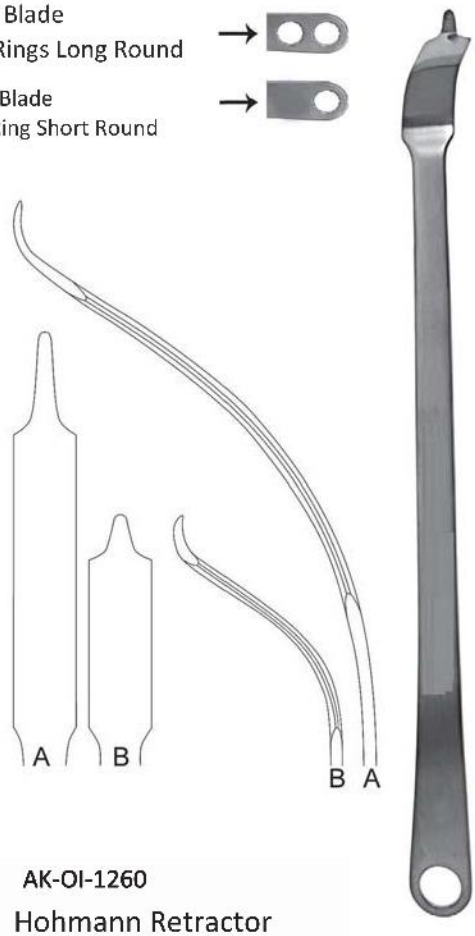


C: 33cm /13" Without Lip

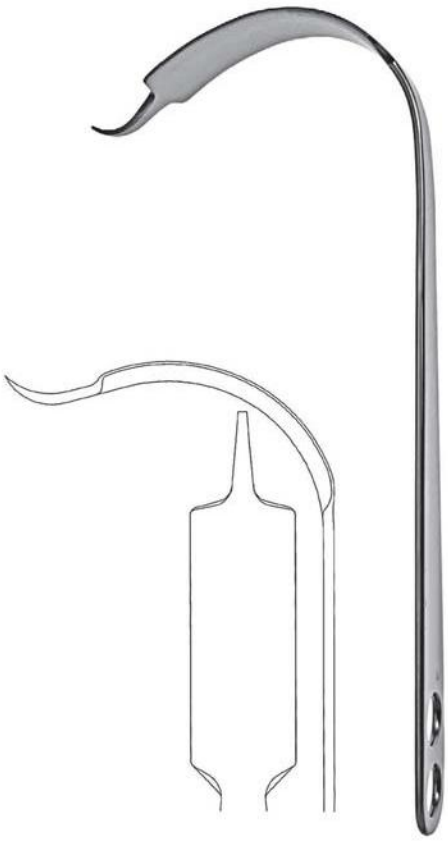
AK-OI-1259
St. Mark's Pelvic Retractor
Angled Blade

A: 22mm Blade
2 Finger Rings Long Round

B: 22mm Blade
1 Finger Ring Short Round



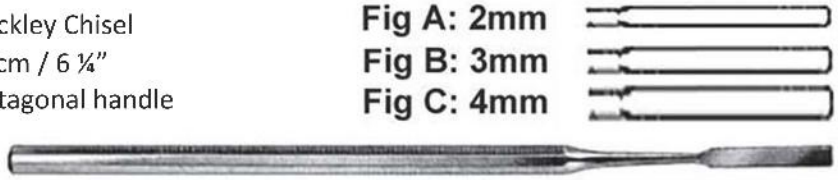
AK-OI-1260
Hohmann Retractor
40cm / 16"



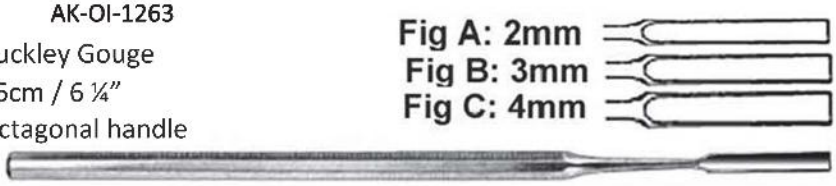
AK-OI-1261
Hohmann Retractor
33 cm / 13"

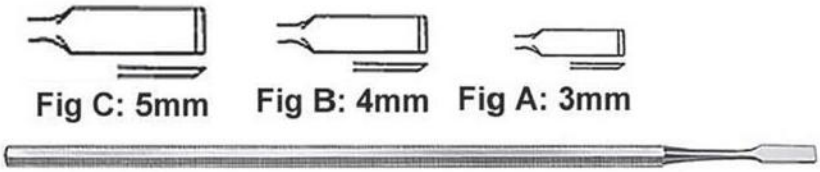
AK-OI-1268
Virchow Skull Breaker
7.5 cm / 3" 40 mm Blade Width

AK-OI-1262
Buckley Chisel
16cm / 6 ¼"
Octagonal handle



AK-OI-1263
Buckley Gouge
16cm / 6 ¼"
Octagonal handle

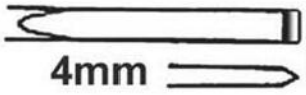


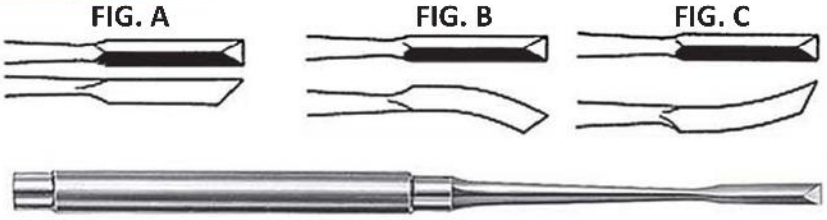


AK-OI-1264
Stout Bone Chisel 21 cm / 8 ¼" octagonal handle

AK-OI-1265
Bone Chisel 18 cm / 7" Round Handle

AK-OI-1266
Bone Chisel 17 cm / 6 ¾" Round Handle



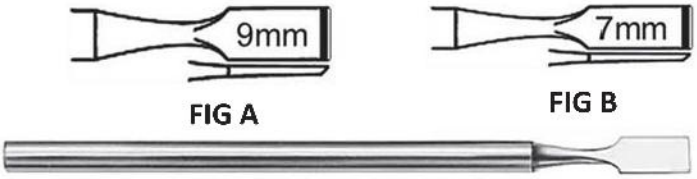


AK-OI-1267
Gardner Bone Chisel 17 cm / 6 ¾" 4 mm

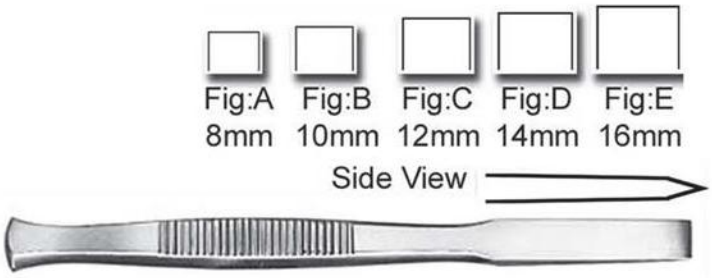
AK-OI-1269
Snyder-O.S.U Bone Chisel 16.5 cm / 6 ½" 3 mm / 5 mm

AK-OI-1270
Bone Chisel 18 cm / 7'' Octagonal Handle 4 mm

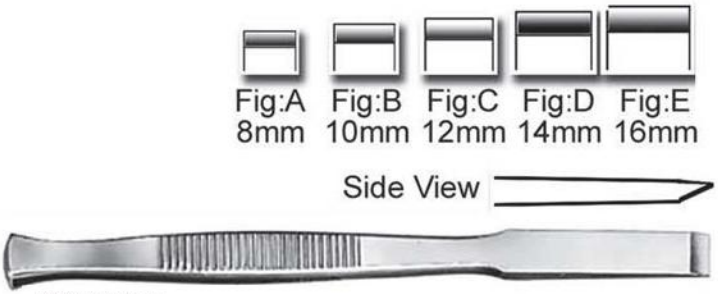
AK-OI-1271
Bone Chisel 18 cm / 7'' Octagonal Handle 3 mm



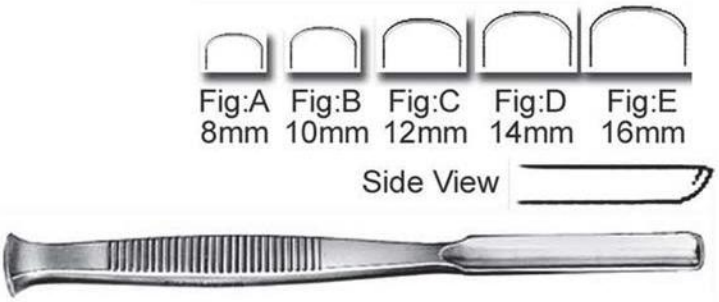
AK-OI-1272
O.S.U. Bone Chisel 17 cm / 6 ¾" 7 mm / 9 mm



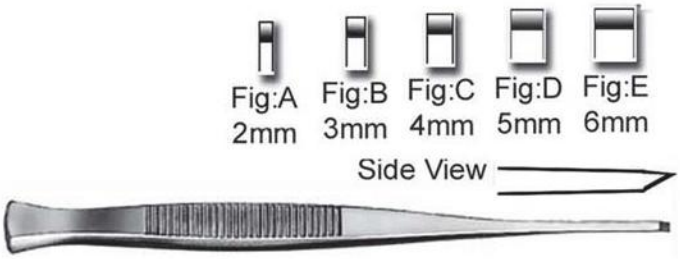
AK-OI-1273
Osteotome 13.5 cm / 5 ¼"



AK-OI-1274
Chisel 13.5 cm / 5 ¼"



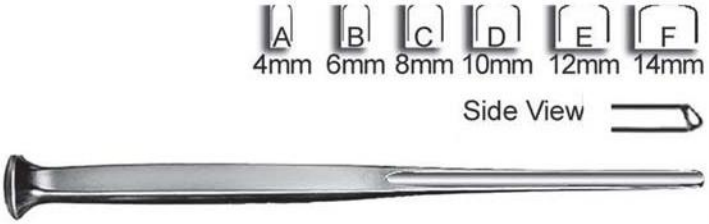
AK-OI-1275
Gouge 13.5 cm / 5 ¼"



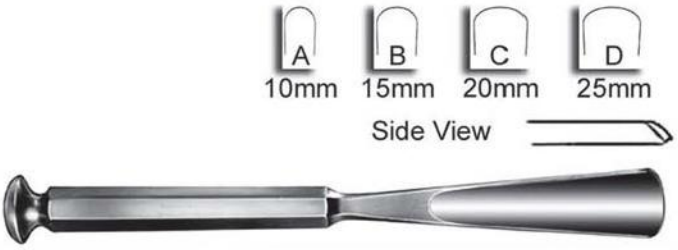
AK-OI-1277 Partsch Chisel 13.5 cm / 5 ¼"
AK-OI-1278 Partsch Chisel 17 cm / 6 ¾"

AK-OI-1279 Partsch Gouge 13.5 cm / 5 ¼"

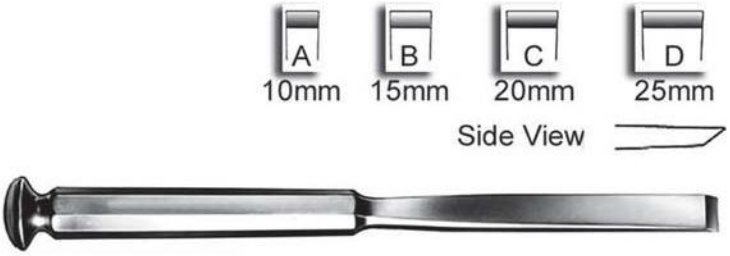
AK-OI-1280 Partsch Gouge 13.5 cm / 5 ¼"



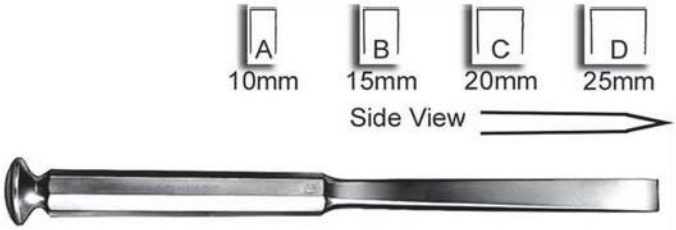
AK-OI-1281 Alexander Gouge 17.5 cm / 7"



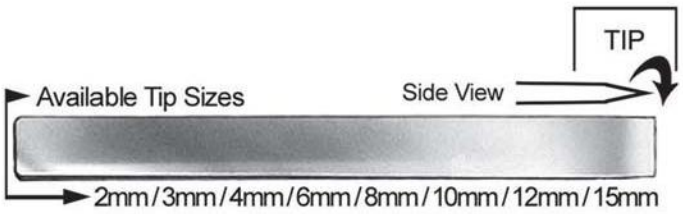
AK-OI-1282 Stille Gouge 20 cm / 8"



AK-OI-1283 Stille Chisel 20 cm / 8"



AK-OI-1284 Stille Osteotome 20 cm / 8"



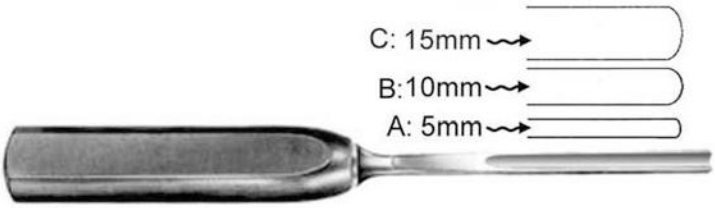
AK-OI-1285 (12.5 cm / 5") Lambotte, Mini Osteotome

AK-OI-1286 (17 cm / 6 ¾") Lambotte, Mini Osteotome
3mm / *4mm / 6mm* / 8mm / 10mm / 12mm / 15mm

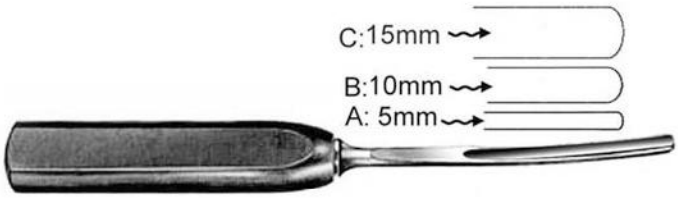
AK-OI-1287 (24 cm / 9 ½") Lambotte, Osteotome
15mm / 20mm / 25mm / 30mm / 38mm / 44mm / 50mm

AK-OI-1288
Lambotte, Osteotome
24 cm / 9 ½"
Curved Tip

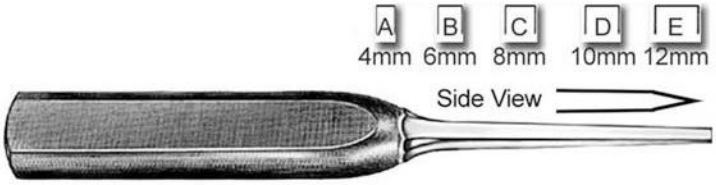
Available in
15mm
20mm
25mm
30mm
38mm
44mm
50mm



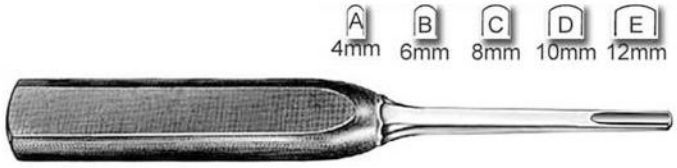
AK-OI-1289
Lexer Spongiosa Gouge (25 cm / 9 ¾")



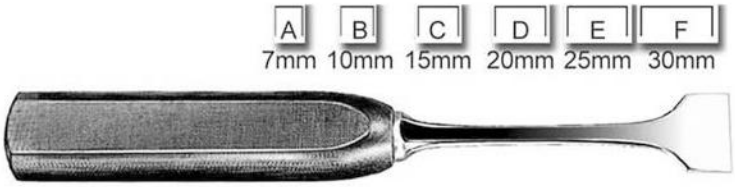
AK-OI-1290
Lexer Spongiosa Gouge (25 cm / 9 ¾")



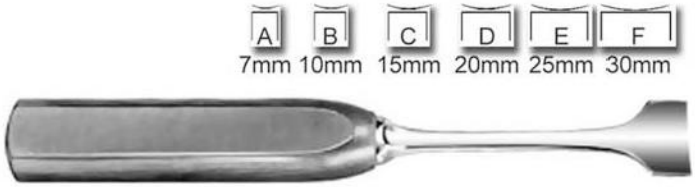
AK-OI-1291
Lexer, Mini Osteotome 18.5 cm / 7 ¼"



AK-OI-1292
Lexer, Mini Osteotome 18.5 cm I 7 ¼"

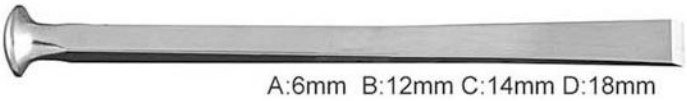


AK-OI-1293
Lexer, Osteotome 22 cm / 8 ¾"



AK-OI-1294
Lexer, Osteotome 22 cm / 8 ¾"

AK-OI-1295
Vickers Spongiosa Gouge 18 cm / 7"



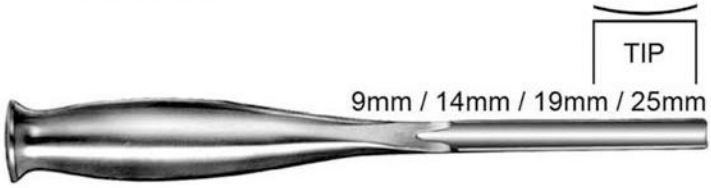
AK-OI-1296
US Army Chisel 18 cm / 7"

AK-OI-1297
US Army Osteotome 18 cm / 7"

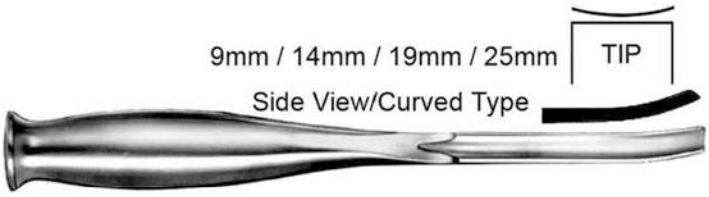
AK-OI-1298
US Army Gouge 18 cm / 7"

AK-OI-1299
Smith-Petersen Osteotome 20.5 cm / 8" Straight

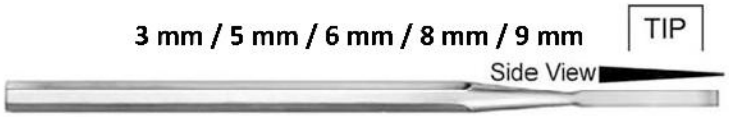
AK-OI-1300
Smith-Petersen Osteotome 20.5 cm / 8" Curved



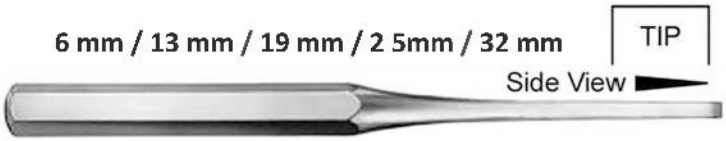
AK-OI-1301
Smith-Petersen Gouge 20.5 cm / 8" Straight Tip



AK-OI-1302
Smith-Petersen Gouge 20.5 cm / 8" Curved Tip



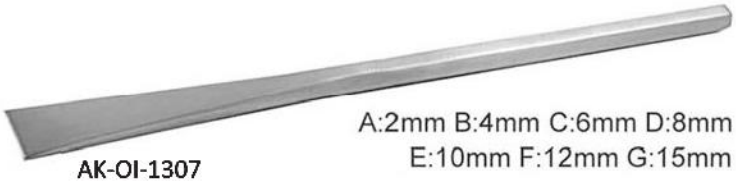
AK-OI-1303
Hook Osteotome 17 cm / 6 ¾"



AK-OI-1304
Hibbs Osteotome 24.5 cm / 9 ¾"

AK-OI-1305
Hibbs Chisel 24.5 cm / 9 ¾"

AK-OI-1306
Hibbs Gouge 24.5 cm / 9 ¾"



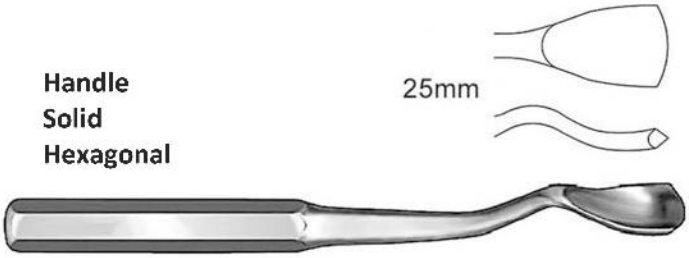
AK-OI-1307
Sheehan Osteotome 16cm / 6 ½"

AK-OI-1308
Silver Osteotome 18 cm / 7" Straight

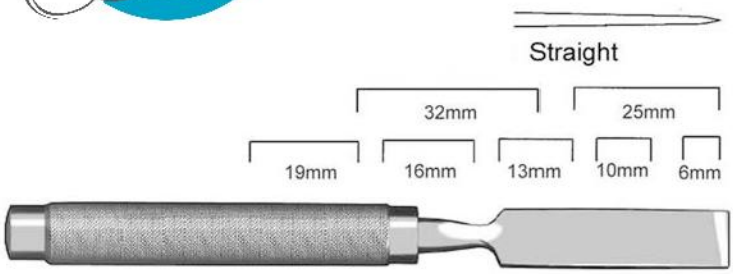
AK-OI-1309
Silver Osteotome 18 cm / 7" Curved Right

AK-OI-1310
Silver Osteotome 18 cm / 7" Curved Left

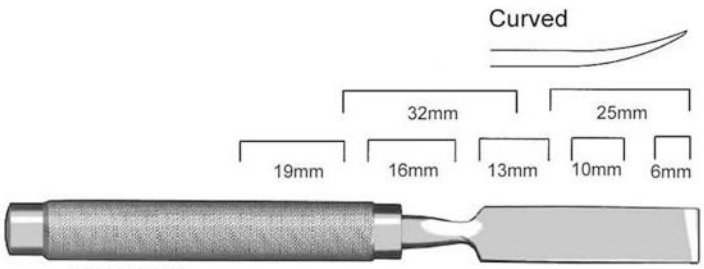
AK-OI-1311
Shoulder Penetrating Gouge 21 cm / 8 ½"



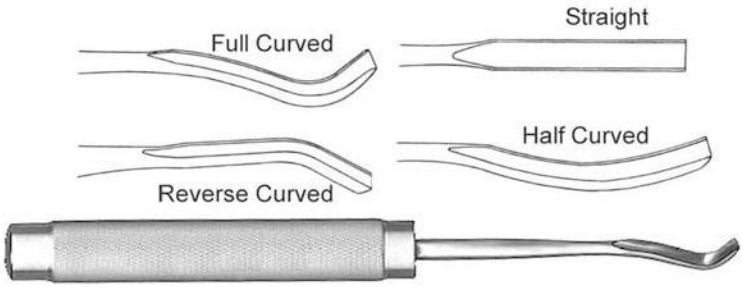
AK-OI-1312
Swan Neck Gouge 23 cm / 9"



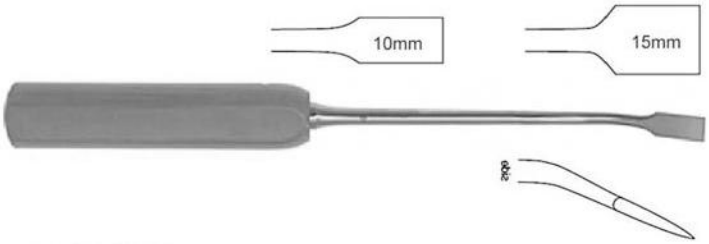
AK-OI-1313
Cobb Osteotome 28 cm / 11" Straight



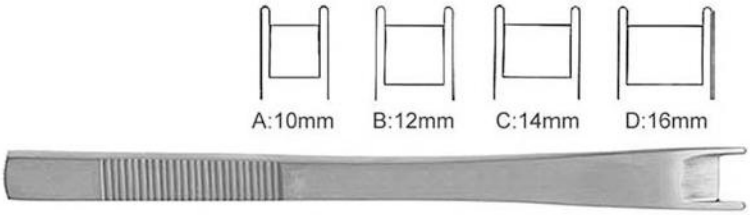
AK-OI-1314
Cobb Osteotome 28 cm / 11" Curved



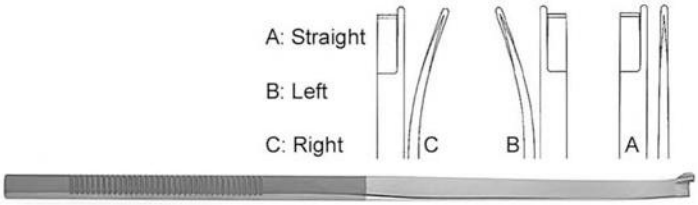
AK-OI-1315
Cobb Gouge 28 cm / 11"



AK-OI-1316
Lexer Osteotome Angled / 28 cm / 11"

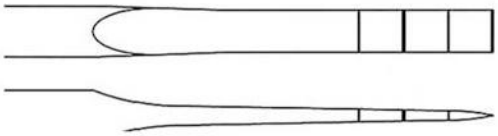


AK-OI-1317
Cinelli Osteotome 15.5 cm / 6 ½"

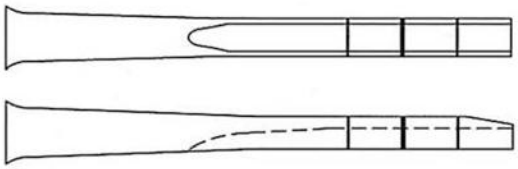


AK-OI-1318
Anderson Neivert Osteotome 20 cm / 8"

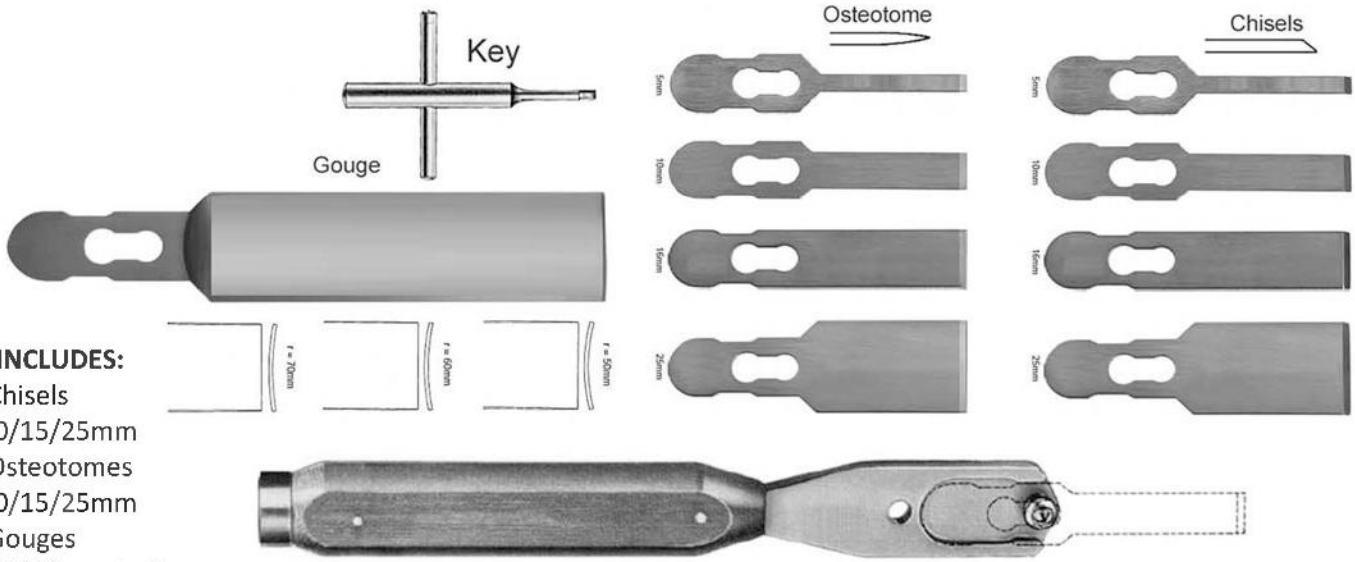
AK-OI-1319
Hibbs Osteotome 47 cm / 18 ½" 10 mm Tip
3 ½" Tip L / 10 ¾" Shaft L /4 ¼" Handle L
11 .5 mm Shaft Diameter



AK-OI-1320
Hibbs Gouge 47 cm / 18 ½" 10 mm Tip
3 ½" Tip L / 10 ¾" Shaft L /4 ¼" Handle L
11 .5 mm Shaft Diameter

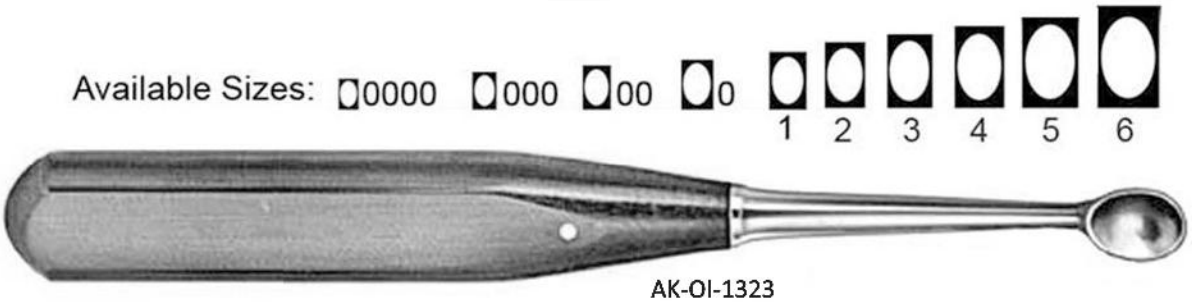


AK-OI-1321
Spinal Fusion Gouge 24 cm / 9 ½" 6 mm Tip



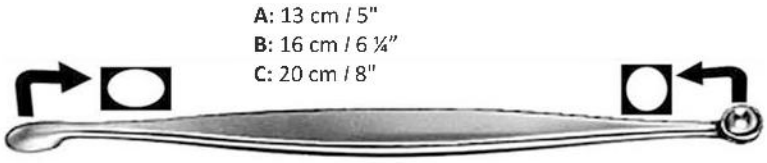
SET INCLUDES:
5 x Chisels
5/1 0/15/25mm
5 x Osteotomes
5/1 0/15/25mm
3 x Gouges
50/60/70mm Radius
1 x Handle Fibre
1 x Key

AK-OI-1322
Chisel Handle Fibre w/Chisel-Osteotome-Gouge Blades 18.5 cm / 7 ¼"



AK-OI-1323
Volkmann Bone Curette 18.5 cm / 7 ¼"" oval with plastic handle

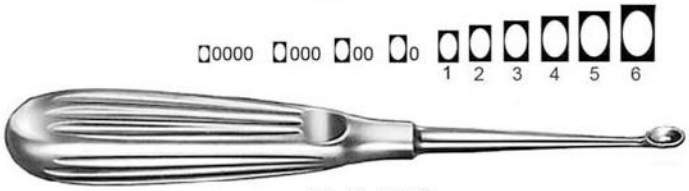
AK-OI-1324
Volkmann Bone Curette 27.5 cm / 10 ¾" oval with plastic handle



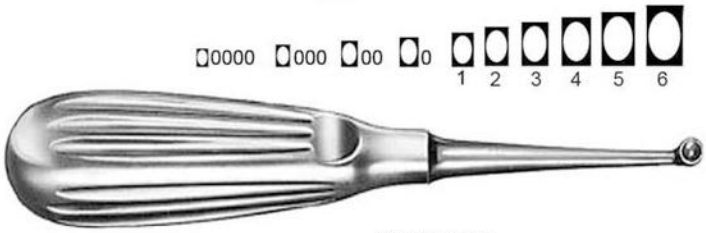
AK-OI-1325
Volkmann Bone Curette, double-ended (oval / round)

AK-OI-1326
Bone Curette, double-ended (round / oval) 21 cm / 8 ¼"

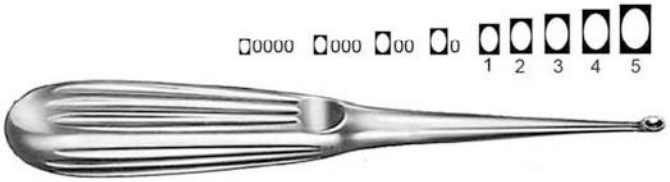
AK-OI-1327
Schede Bone Curette 17 cm / 6 ¾" oval with hollow handle



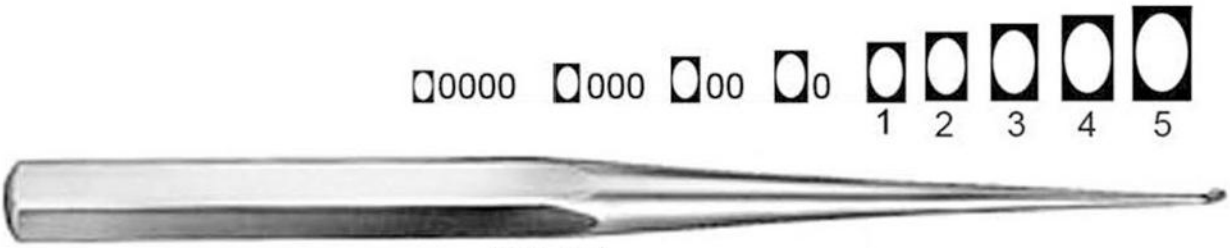
AK-OI-1328
Volkmann Bone Curette 17 cm / 6 ¾" oval, with hollow



AK-OI-1329
Bruns Bone Curette 17 cm / 6 ¾" Round, with hollow handle



AK-OI-1330
Spratt Bone Curette 17 cm / 6 ¾" Oval, with hollow handle



AK-OI-1331
Bruns Bone Curette 23 cm / 9" oval, solid

AK-OI-1332
Scoville Bone Curette 25 cm / 9 ¾" oval, with hollow handle

AK-OI-1333

Simon Bone Curette 25 cm / 9 ¾"oval, with hollow handle

AK-OI-1334

Modell USA Bone Curette 16 cm / 6 ¼" Oval, with hollow handle

AK-OI-1335

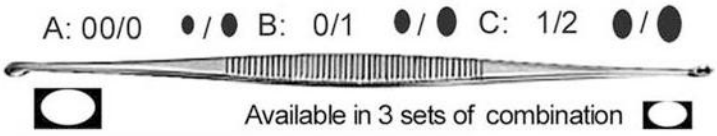
Modell USA Bone Curette 15.5 cm / 6" Oval, with hollow handle

AK-OI-1336

Model USA Bone Curette 15.5 cm / 6" Oval, with hollow handle

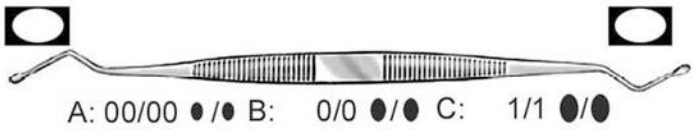
AK-OI-1021

Halle Bone Curette 21 cm / 8 ¼" oval, malleable shaft, with hollow handle



AK-OI-1021

Williger Bone Curette, double-ended 13.5 cm / 5 ¼" handle



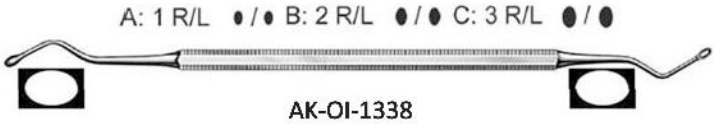
AK-OI-1021

Williger Bone Curette, 17 cm / 6 ¾" double-ended oval / oval

A: 12.5 cm / 5"
B: 14.5 cm / 5 ¾"
C: 17 cm / 6 ¾"

AK-OI-1337

Volkmann Bone Curette, double-ended

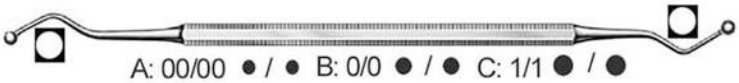


AK-OI-1338

Hemingway-Martin Bone Curette, double-ended 18.5 cm / 7 ¼"

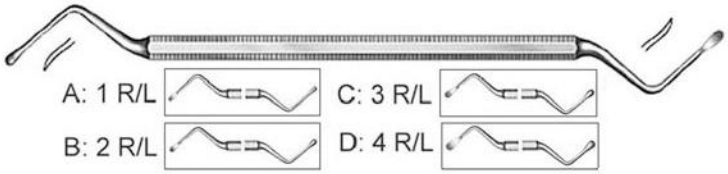
AK-OI-1339

Bone Curette, 17.5 cm / 7" double-ended round



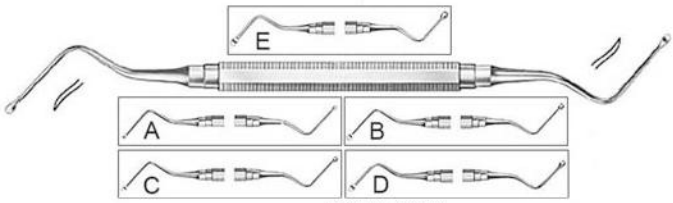
AK-OI-1400

Hemingway Bone Curette, double-ended, round / round 18.5 cm / 7 ¼" octagonal handle



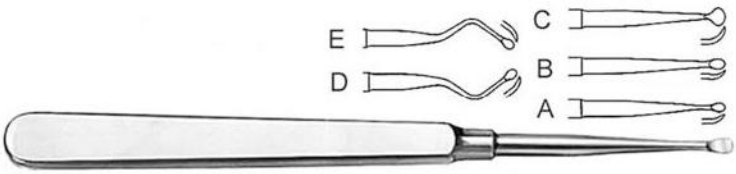
AK-OI-1401

Lucas Bone Curette, double-ended 18 cm / 7"
Octagonal handle



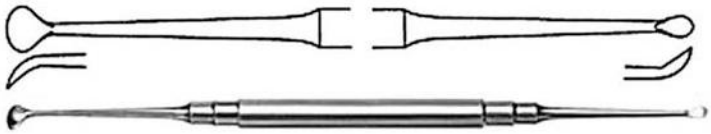
AK-OI-1402

Miller-Colburn Bone Curette, double-ended 17 cm / 6 ¾"



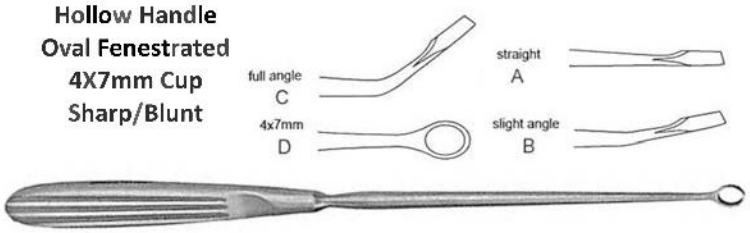
AK-OI-1403

Molt Bone Curette 17 cm / 6 ¾"



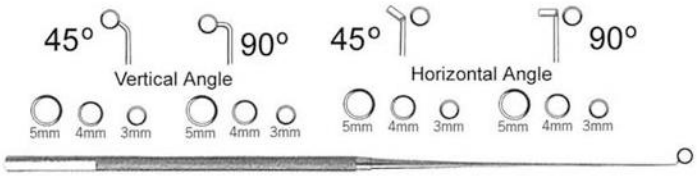
AK-OI-1404

Molt Bone Curette 19 cm / 7 ½" Round Handle



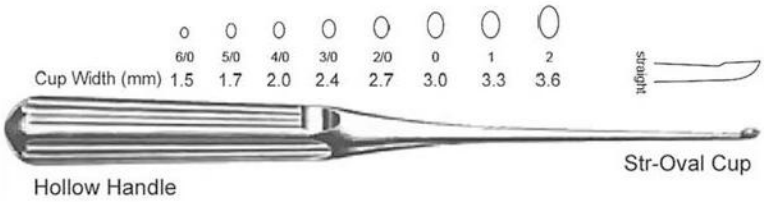
AK-OI-1405

Semmes Ring Curette 23 cm / 9"



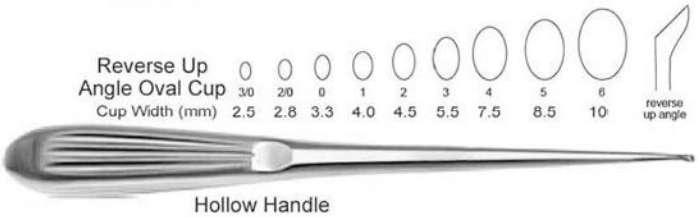
AK-OI-1406

Ray Pituitary Curette 18 cm / 7 ½"



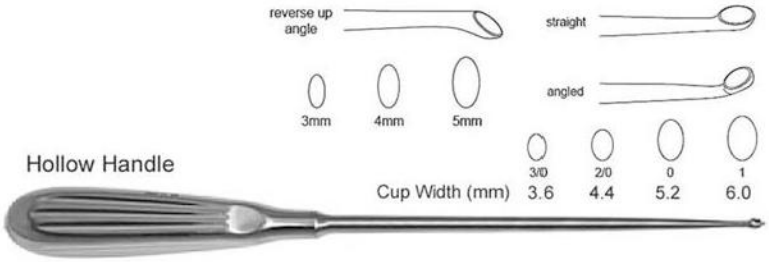
AK-OI-1407

Lempert Curette 18 cm / 7 ½"



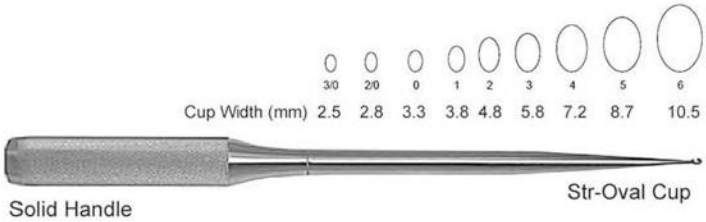
AK-OI-1408

Epstein Curette 18 cm / 7 ½"



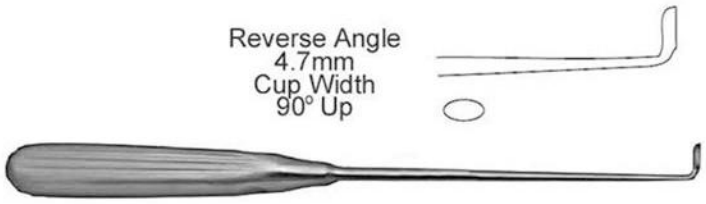
AK-OI-1409

Bushe Curette 25 cm / 10"



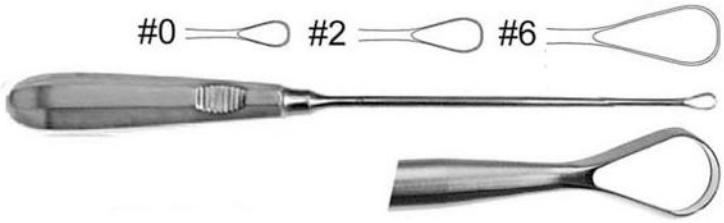
AK-OI-1410

Spinal Fusion Curette 28 cm / 11"



AK-OI-1411

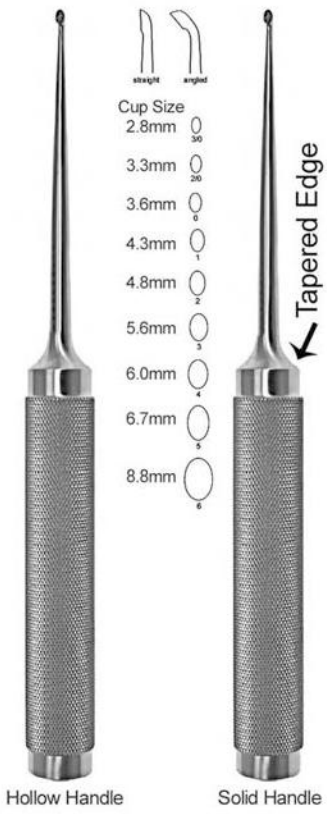
Scoville Curette 25 cm / 10"



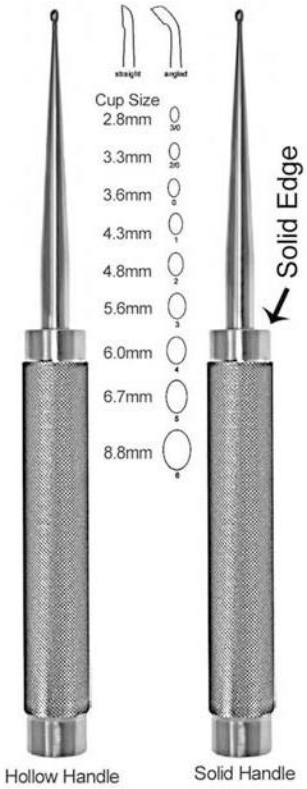
AK-OI-1412

Ring Curette

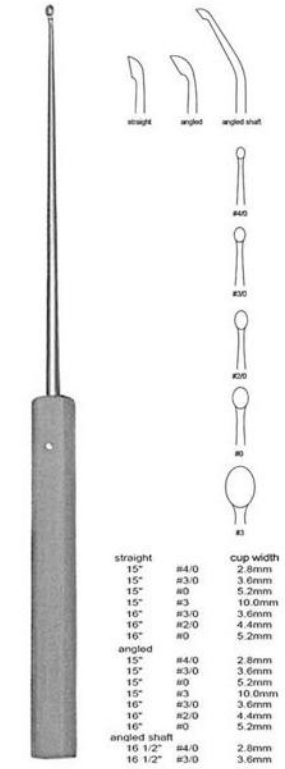
A: 25 cm / 10" #0 6mm Cup
B: 25 cm / 10" #2 8mm Cup
C: 26 cm / 10 ½" #6 14mm Cup
D: 28 cm / 11 ½" #0 6mm Cup
E: 28 cm / 11 ½" #2 8mm Cup
F: 30 cm / 12 ½" #6 14mm Cup



AK-OI-1413
Cobb Curette Oval Cups
28 cm / 11"



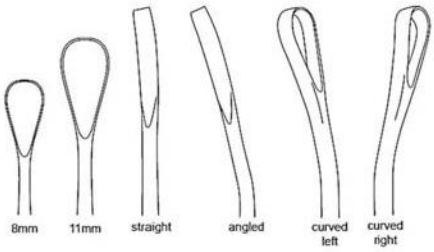
AK-OI-1414
Cobb Curette Oval Cups
28 cm / 11"



AK-OI-1415
Sypert Curette Long
Delicate Shaft

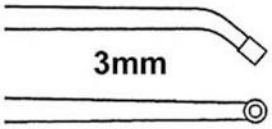
AK-OI-1416
Cone Ring Curette
23 cm / 9"

A: Straight 8mm Sharp/Blunt
B: Straight 11 mm Sharp/Blunt
C: Angled 8mm Sharp/Sharp
D: Angled 11 mm Sharp/Sharp
E: Angled 8mm Sharp/Sharp Right Cvd
F: Angled 11 mm Sharp/Sharp Right Cvd
G: Angled 8mm Sharp/Sharp Left Cvd
H: Angled 11 mm Sharp/Sharp Left Cvd

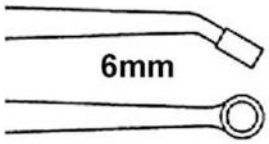


AK-OI-1417
Zielke Ring Curette 34 cm / 13 ½" TEFLON Handle

17" Angled 40° 3mm Diameter 2.7" Tip Length Cone Ring Curette Endoscopic Fibre Handle 9.3" Shaft Length 5" Handle Length .285 (7 .2mm) Shaft Diameter

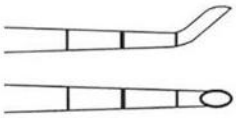


20" Angled 30° 6mm Diameter 3 ½" Tip Length 10" Shaft Length 6 ½" Handle Length 45" (11 .5mm) Shaft Diameter

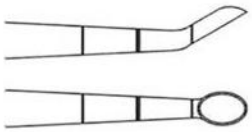


AK-OI-1418
Cone Ring Curette Endoscopic Fibre Handle

17" Reverse Angled 40° 3mm x 6mm cup 2.7" Tip Length 9.3" Shaft Length 5" Handle Length.285 (7.2mm) Shaft Diameter



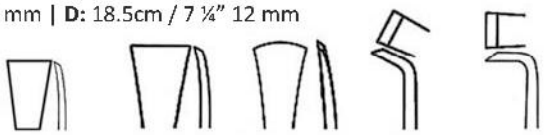
20" Reverse Angled 30° 6mm x 9mm cup 3 1/2" Tip Length 10" Shaft Length 6 1/2" Handle Length .45 (7.2mm) Shaft Diameter



AK-OI-1419

Epstein Curette Endoscopic Fibre Handle

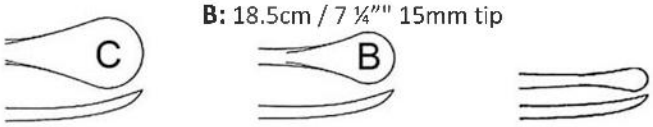
A: 17cm / 6 ¾" 8mm | **B:** 19cm / 7 ½" 16 mm | **E:** 18.5cm / 7" 12 mm
C: 19cm / 7 ½" 16 mm | **D:** 18.5cm / 7 ¼" 12 mm



AK-OI-1120

Martin-Langenbeck Periosteal Elevator (Solid)

B: 18.5cm / 7 ¼"" 15mm tip



C: 19cm / 7 ½" 20 mm tip

A: 16cm / 6 ¼" 7mm

AK-OI-1421

Martin-Langenbeck Periosteal Elevator (Solid)

A: 17.5.cm / 7"

19.5cm / 7 ¾" C:7mm **4mm tip**
6mm tip

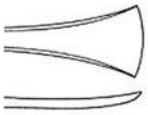
19.5cm / 7 ¾" C:6mm **17.5cm / 7"** B
7mm tip **5mm tip**

AK-OI-1422

Martin-Langenbeck Periosteal Elevator (Solid)

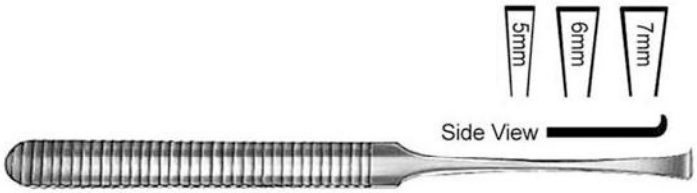
AK-OI-1423

Langenbeck Periosteal Elevator 18.5 cm / 7 ¼"
With hollow handle



AK-OI-1424

Langenbeck Periosteal Elevator 19.5 cm / 7 ¾"
With hollow handle

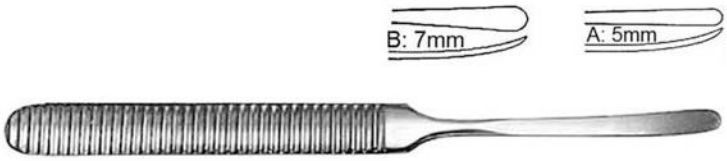


AK-OI-1425

Periosteal Elevator 16 cm / 6 ¼" Delicate, solid

AK-OI-1426
Farabeuf Periosteal Elevator 15 cm / 6”
With hollow handle

AK-OI-1427
Periosteal Elevator 3mm Tip 18 cm / 7"
Extra narrow, with plastic handle



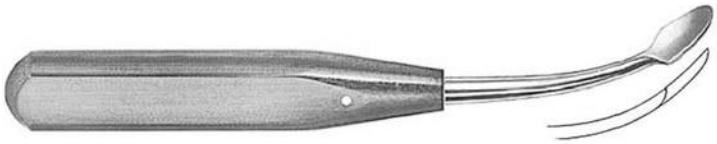
AK-OI-1428
Kahre-Williger 16 cm / 6 ¼”
Periosteal Elevator solid

AK-OI-1429
Kahre-W1lhger Periosteal Elevator solid
16cm /6 ¼”

AK-OI-1430
Farabeuf Periosteal Elevator
15 cm / 6" with hollow handle

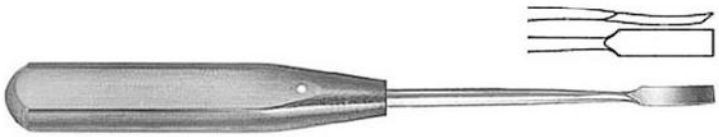
AK-OI-1431
Sedillot Periosteal Elevator 22 cm / 8 ¾” (15mm tip)

AK-OI-1432
Periosteal Elevator 20 cm / 8" (14 mm Tip)
With plastic handle



AK-OI-1433
Periosteal Elevator 19 cm / 7 ½”
(14 mm Tip) with plastic handle

AK-OI-1434
Periosteal Elevator 6mm Tip
18 cm / 7" narrow, plastic handle

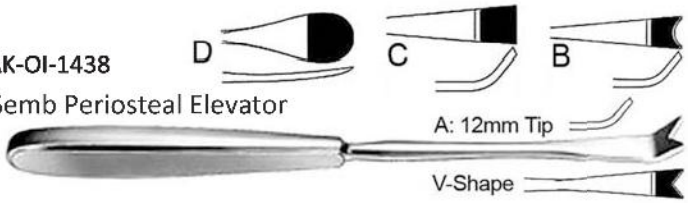


AK-OI-1435
Periosteal Elevator 18 cm / 7" narrow,
Plastic handle (6mm Tip)

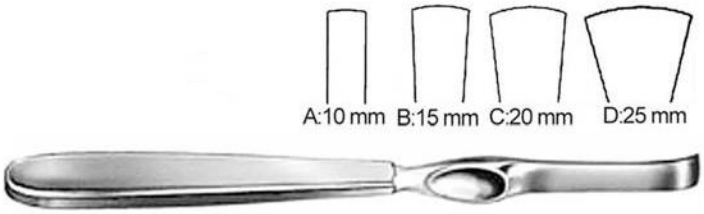
AK-OI-1436
Williger Periosteal Elevator
12.5 cm / 5" solid 5mm Tip

AK-OI-1437
Periosteal Elevator,
Double ended 17.5 cm / 7"

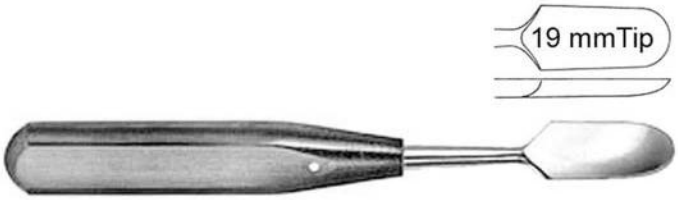
AK-OI-1438
Semb Periosteal Elevator



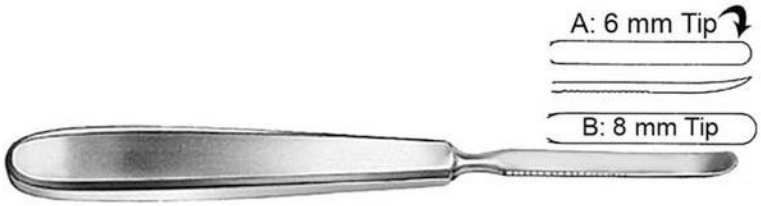
A+D: 21cm /8 ¼" & **B+C:** 18.5 cm/ 7 ¼"
A: V-shape 12mm | **B:** Inside round 12mm
C: Straight 13mm | **D:** Outer round 15mm



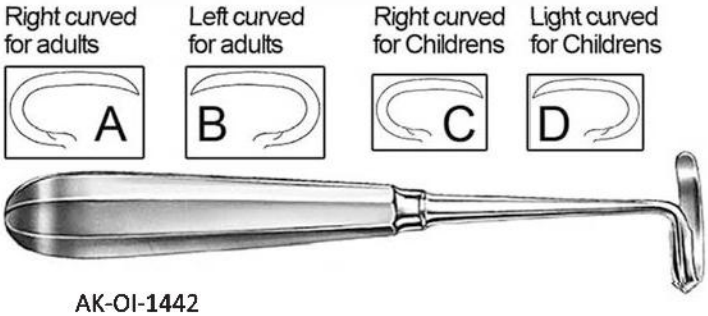
AK-OI-1439
Lambotte Periosteal Elevator 21. 5 cm / 8 ½"



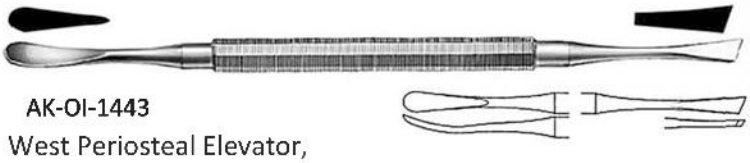
AK-OI-1440
Periosteal Elevator 20 cm / 8" with plastic handle



AK-OI-1441
Periosteal Elevator 17 cm / 6 ¾" with hollow handle



AK-OI-1442
Doyen Rib Raspatory 17.5 cm / 7" Rib Raspatories with hollow handle

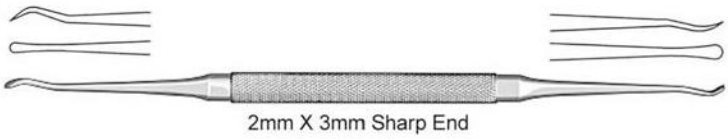


AK-OI-1443
West Periosteal Elevator,
Double-ended 18.5 cm / 7 ¼" octagonal handle

AK-OI-1444
Williger Elevator
17 cm / 6 ¾" 7mm tip

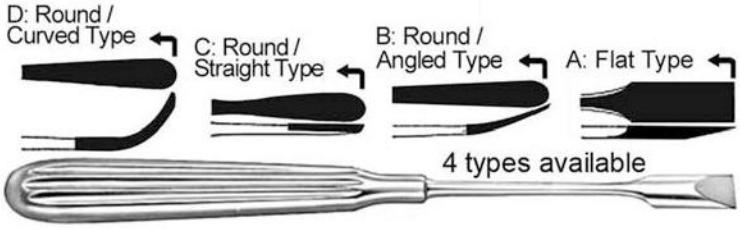
AK-OI-1445
Elevator 17 cm / 6 ¾" Light weight

AK-OI-1446
Williger Elevator
16 cm / 6 ¼" (5.5mm tip)

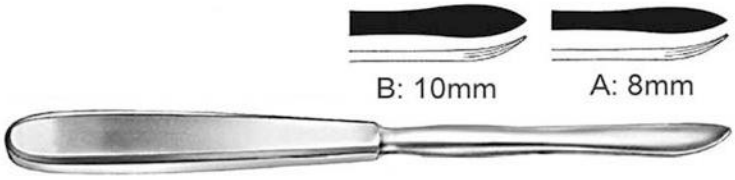


AK-OI-1447
Kleinert Kutz Elevator 14 cm / 5 ½"

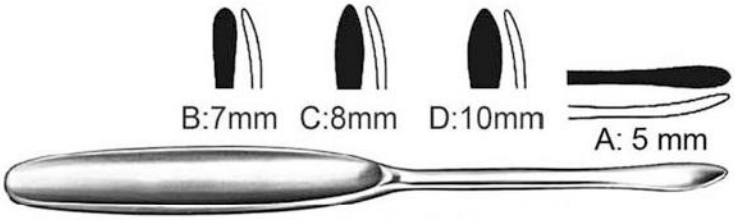
AK-OI-1448
Vickers Dissector 17 cm / 6 ¾"



AK-OI-1449
Adson Elevator 17.5 cm / 7" A/B/C/D



AK-OI-1450
Langenbeck Elevator 19.5 cm / 7 ¾" A/B

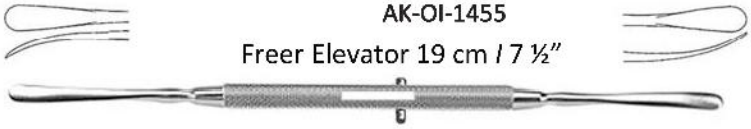


AK-OI-1451
Martin Langenbeck Elevator 17 cm / 6 ¾" A/B/C | D: 19.5 cm / 7 ¾"

AK-OI-1452
Phalangeal Elevator 16cm / 6 ¼"

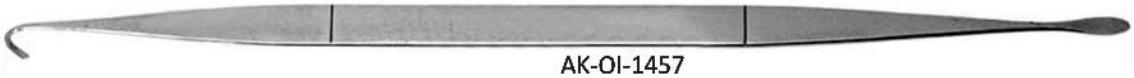
AK-OI-1453
Alderdyce Dissector, double-ended 21 cm / 8 ¼"

AK-OI-1454
McDonald Dissector, double-ended 18.5 cm / 7 ¼"

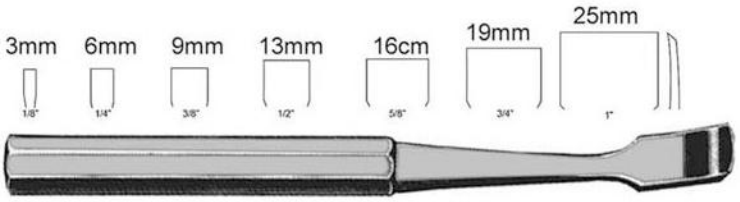


AK-OI-1455
Freer Elevator 19 cm / 7 ½"

AK-OI-1456
Penfield Elevator Endoscopic 38 cm / 15" 5mm Semi Sharp / 1X10mm Blunt Hook

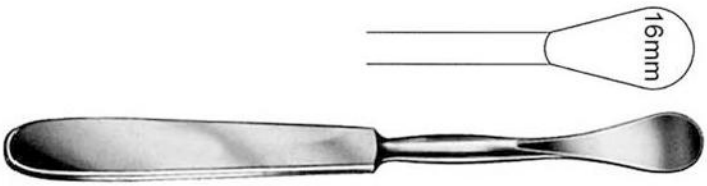


AK-OI-1457
Smithwick Hook and Dissector 30 cm / 12" 5mm Semi Sharp / 1X10mm Blunt Hook



AK-OI-1458

Key Elevator 19 cm / 7 ½" Sharp Edge

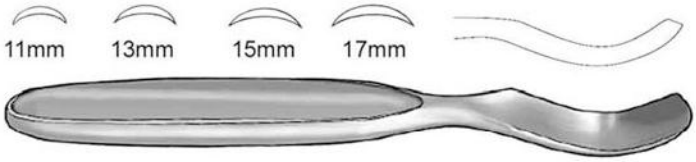


AK-OI-1459

Sedilot Elevator 18 cm / 7" Sharp Edge

AK-OI-1460

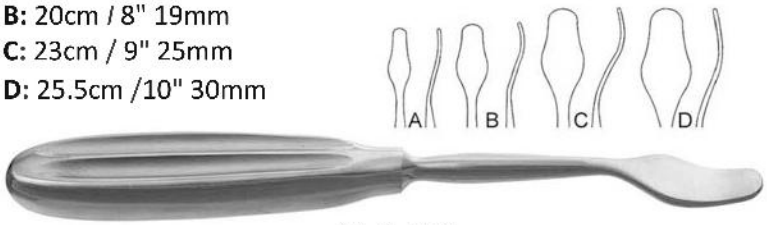
Alexander Periosteal Respiratory 20 cm / 8" / 12mm Sharp



AK-OI-1461

MeGiamry Metatarsal Elevator 16 cm / 6 ½" Sharp

A: 19cm / 7 ½" 13mm
B: 20cm / 8" 19mm
C: 23cm / 9" 25mm
D: 25.5cm /10" 30mm



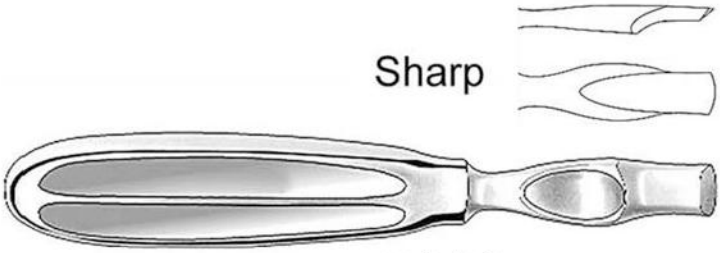
AK-OI-1462

Chandler Elevator Blunt

AK-OI-1463

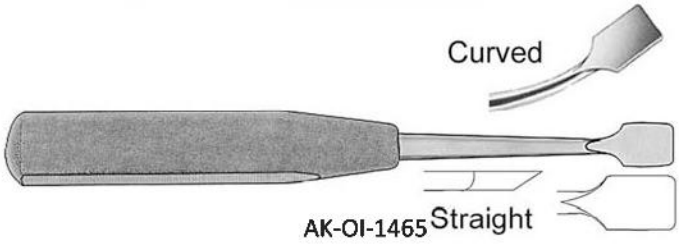
Sayre Elevator 16 cm / 6 ½"

A: Sharp / Blunt **B**: Blunt/ Blunt



AK-OI-1464

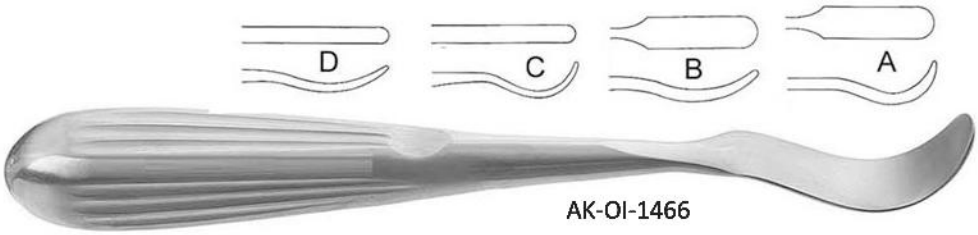
Kirmission Periosteal Respiratory 17 cm / 6 ¾"



AK-OI-1465

Periosteal Elevator 17cm / 6 ¾" Fibre Handle
13mm Blade Sharp

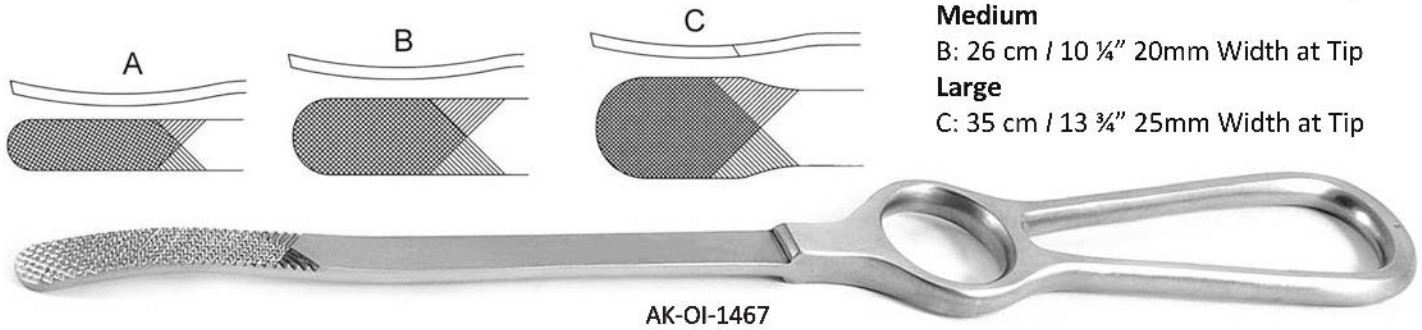
A: 14mm Full Curves
B: 14mm Slight Curves
C: 7mm Full Curves
D: 7mm Slight Curves



AK-OI-1466

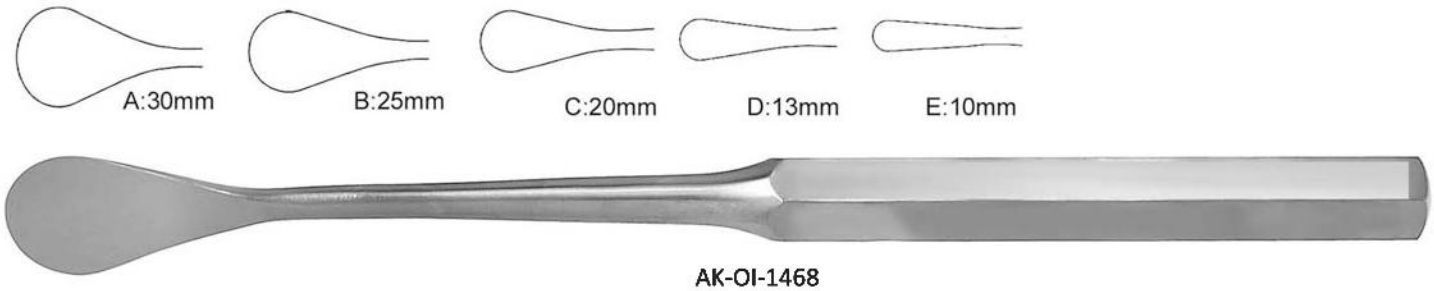
Crego Periosteal Elevator 19 cm / 7 ¾" Sharp

Small
A: 26 cm / 10 ¼" 13mm Width at Tip
Medium
B: 26 cm / 10 ¼" 20mm Width at Tip
Large
C: 35 cm / 13 ¾" 25mm Width at Tip



AK-OI-1467

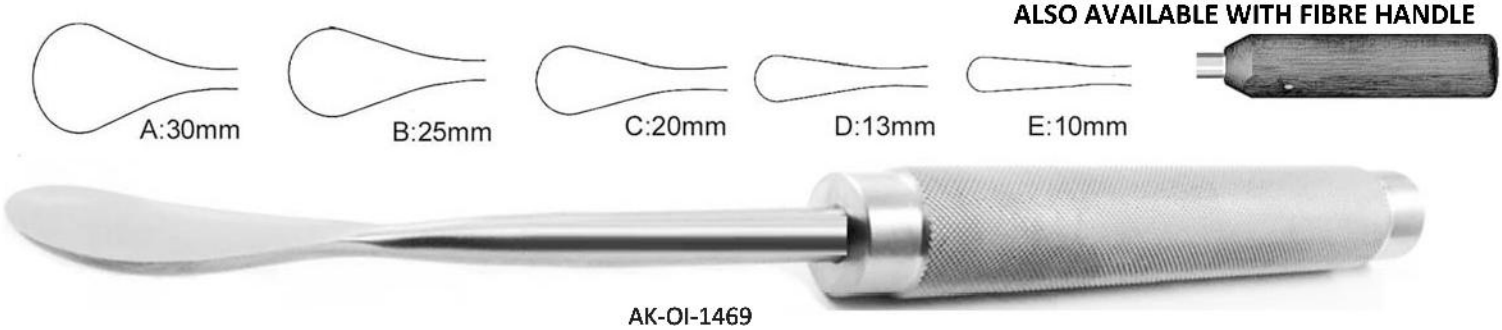
Darraeh Elevator Blunt



AK-OI-1468

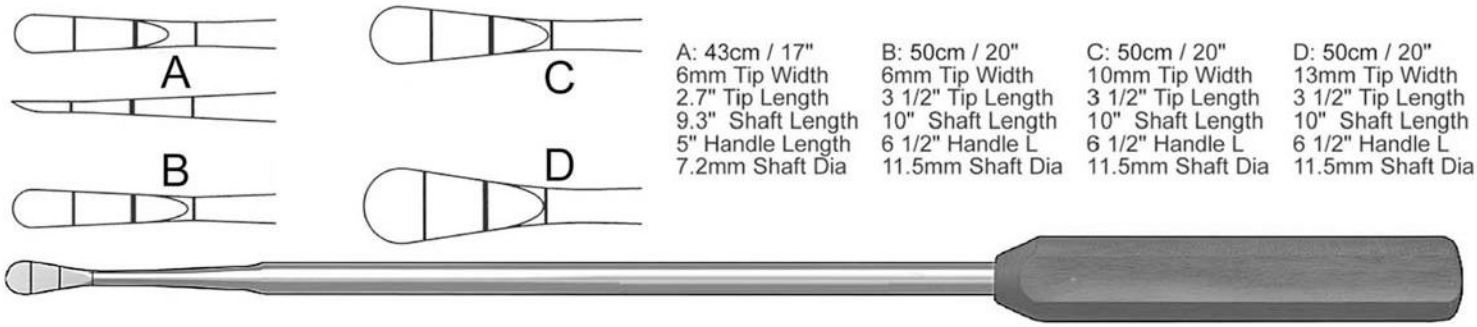
Cobb Spinal Elevator Sharp 24cm / 9 ½" Hexa Handle

ALSO AVAILABLE WITH FIBRE HANDLE



AK-OI-1469

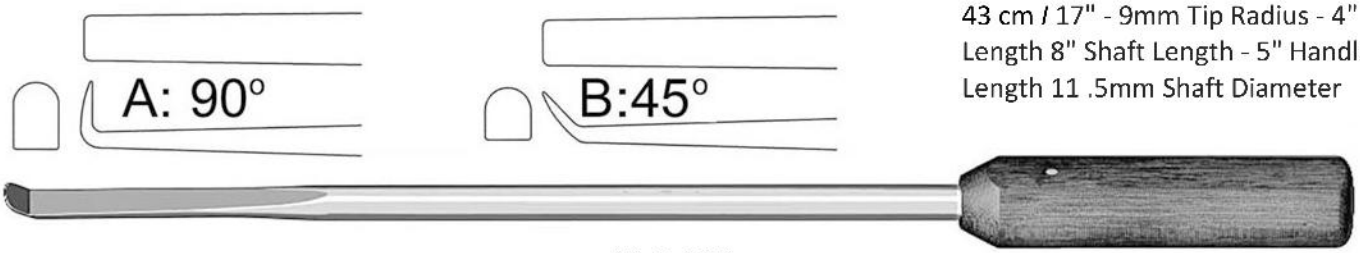
Spinal Elevator Sharp 28 cm / 11" Knurled Handle



A: 43cm / 17"	B: 50cm / 20"	C: 50cm / 20"	D: 50cm / 20"
6mm Tip Width	6mm Tip Width	10mm Tip Width	13mm Tip Width
2.7" Tip Length	3 1/2" Tip Length	3 1/2" Tip Length	3 1/2" Tip Length
9.3" Shaft Length	10" Shaft Length	10" Shaft Length	10" Shaft Length
5" Handle Length	6 1/2" Handle L	6 1/2" Handle L	6 1/2" Handle L
7.2mm Shaft Dia	11.5mm Shaft Dia	11.5mm Shaft Dia	11.5mm Shaft Dia

AK-OI-1470

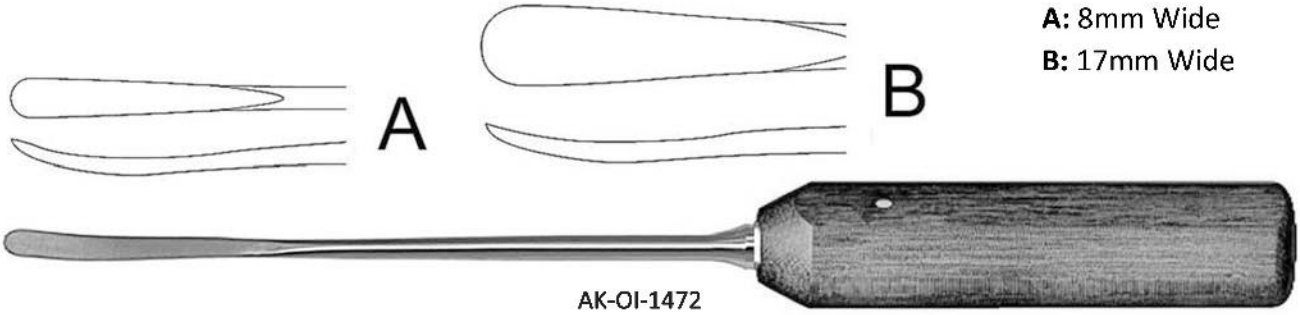
Cobb Elevator Endoscopic Sharp / Fibre Handle



43 cm / 17" - 9mm Tip Radius - 4" Tip Length 8" Shaft Length - 5" Handle Length 11 .5mm Shaft Diameter

AK-OI-1471

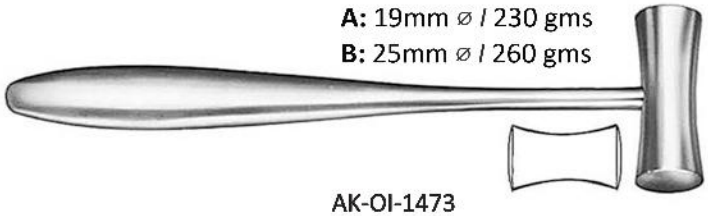
Rib Elevator Endoscopic Sharp / Fibre Handle



A: 8mm Wide
B: 17mm Wide

AK-OI-1472

Wagner Elevator Sharp / Fibre Handle 33 cm / 13"



A: 19mm ⌀ / 230 gms
B: 25mm ⌀ / 260 gms

AK-OI-1473

Lucae Mallet 19.5 cm / 7 ¾"

AK-OI-1474

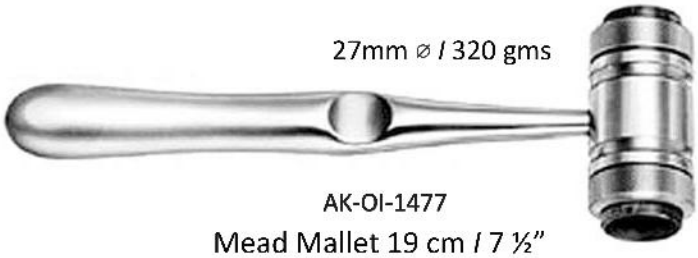
Cottle Mallet Plane / Convex
19 cm / 7 ½" 30mm ⌀ / 300 gms

AK-OI-1475

Williger Mallet 16.4cm / 6 ½"
20 mm ⌀ / 140 gms

AK-OI-1476

Mallet 26 cm / 10 ¼"
30 mm ⌀ / 510 gms



27mm ⌀ / 320 gms

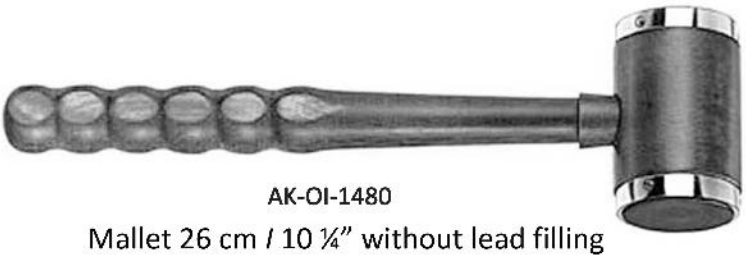
AK-OI-1477

Mead Mallet 19 cm / 7 ½"
With interchangeable plastic disks

AK-OI-1478

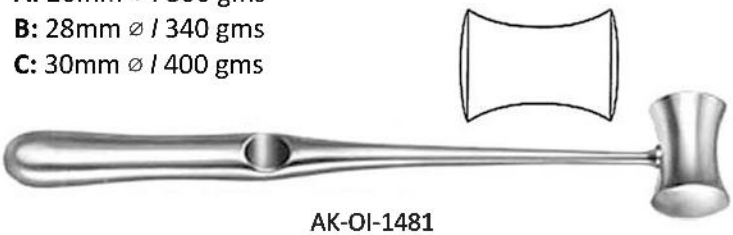
Partsch Mallet 19 cm / 7 ½"
With hollow handle 22mm ⌀ / 200 gms

AK-OI-1479
Mallet 26 cm / 10 ¼" with lead filling
42mm ⌀ / 400 gms



AK-OI-1480
Mallet 26 cm / 10 ¼" without lead filling
42mm ⌀ / 400 gms

A: 26mm ⌀ / 300 gms
B: 28mm ⌀ / 340 gms
C: 30mm ⌀ / 400 gms

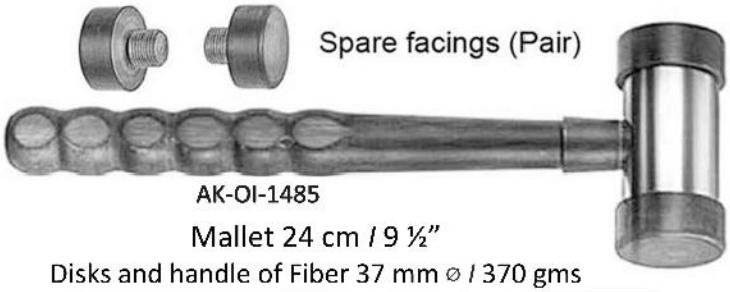


AK-OI-1481
Williger Mallet 24 cm / 9 ½" lead filled
42mm ⌀ / 400 gms

AK-OI-1482
Mallet 30 mm ⌀ / 675 gms
26.5 cm / 10 ½" plane (Teflon) / convex (steel)

AK-OI-1483
Mallet 26 cm / 10 ¼"
42 / 30mm ⌀ / 530 gms

AK-OI-1484
Mallet 24 cm / 9 ½"
30 mm ⌀ / 480 gms

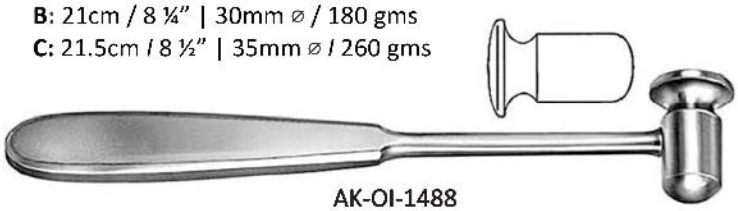


AK-OI-1485
Mallet 24 cm / 9 ½"
Disks and handle of Fiber 37 mm ⌀ / 370 gms

AK-OI-1486
Mallet 22 cm / 8 ¾"
30 mm ⌀ / 125 gms

AK-OI-1487
Mallet 26.5 cm / 10 ½" | 30 mm ⌀ / 450 gms

A: 20 .5cm / 8" | 25mm ⌀ / 120 gms
B: 21cm / 8 ¼" | 30mm ⌀ / 180 gms
C: 21.5cm / 8 ½" | 35mm ⌀ / 260 gms

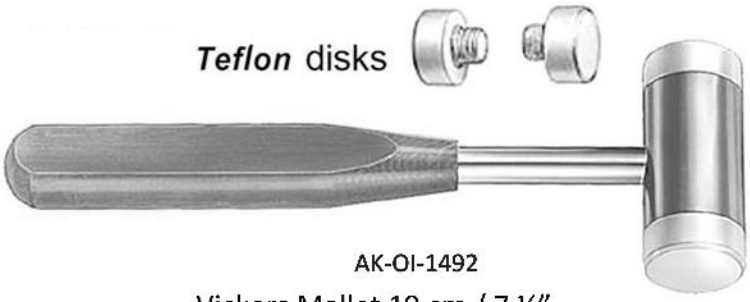


AK-OI-1488
Doyen Mallet

AK-OI-1489
Herbert Mallet 19 cm / 7 ½"
For ulnar head prosthesis

AK-OI-1490
Collin Mallet 20 cm / 8"
23 mm ⌀ / 220 gms

AK-OI-1491
Mallet 26.5 cm / 10 ½"
50 mm ⌀ / 900 gms



AK-OI-1492
Vickers Mallet 19 cm / 7 ½"
25 mm ⌀ / 300 gms

AK-OI-1493
Kirk Mallet 20cm / 8"
Head Dia 38mm / Weight: 1 lb. 4 oz. (570 grams)

Head Weight: 7 oz (200 grams)

AK-OI-1494
Gerzog Mallet 19 cm / 7 ½"
Head Dia 25mm / Weight 10 oz (285 grams)

Head Weight: 20 oz (567 grams)

AK-OI-1495
Heath Mallet 19 cm / 7 ½"
Head Dia 40mm / Weight 2 lbs. (907gm)

Head Weight: 20 oz (567 grams)

AK-OI-1495
Heath Mallet, SS 18 cm / 7" Solid Frame Handle
Head Dia 40mm / Weight 36 oz. (1020gm)

AK-OI-1496

All Fibre Mallet 24 cm / 9 ½"
Head Dia 80X60mm Weight 14oz. (397gm)

AK-OI-1497

Cloward Mallet 19cm / 7 ½"
Head Dia 20mm / Weight 8oz. (227gm)

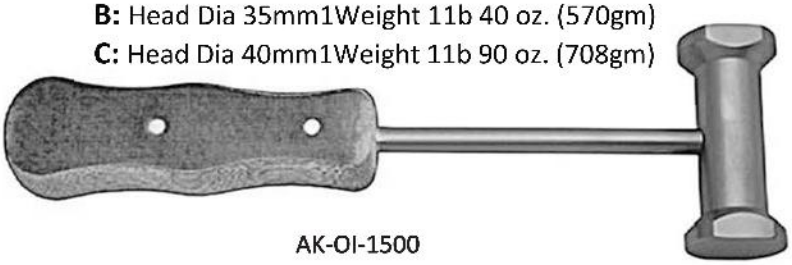
AK-OI-1498

Hajek Mallet 20 cm / 8"
Head Dia 27mm / Weight: 7 oz. (198gm)

AK-OI-1499

Narrow Tip Mallet 20cm / 8"
Head Dia 7mm Weight 6oz. (170gm)

B: Head Dia 35mm1Weight 11b 40 oz. (570gm)
C: Head Dia 40mm1Weight 11b 90 oz. (708gm)

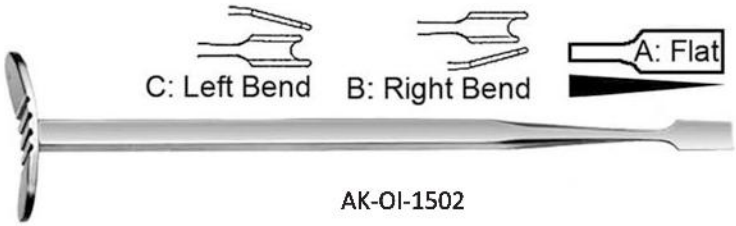


AK-OI-1500

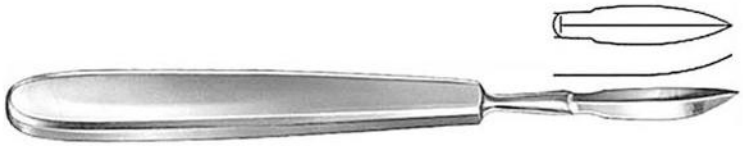
Fibre Handle Mallet 23cm / 9"
A: Head Dia 30mm / Weight 12 oz. (340gm)

AK-OI-1501

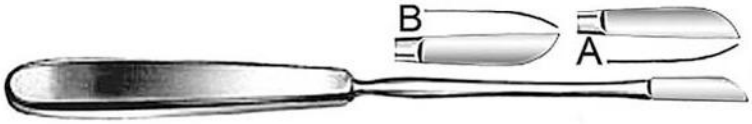
He-Man Mallet 28cm / 11"
Head Dia 38mm / 24mm / Weight 21b (906gm)



AK-OI-1502
Smillie Meniscus Knife 18 cm / 7"

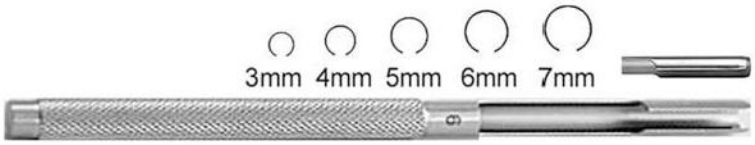


AK-OI-1503
Meniscus Knife 18 cm / 7"



AK-OI-1504
Neff Meniscus Knife 22 cm / 8 ¾"

AK-OI-1505
Salenius Meniscus Knife 21 cm / 8 ¼" **A:** Right / **B:** Left



AK-OI-1506
Bunnell Tendon Stripper 15 cm / 6"

AK-OI-1507
Fischer Tendon Stripper 31 cm / 12 ¼" Blunt

AK-OI-1508
Tendon Passing Instrument 33.5 cm / 13 ¼"

AK-OI-1509
Fischer Tendon Stripper 31 cm / 12 ¼" Blunt

AK-OI-1510
Tendon Stripper 3 / 4 / 5 / 6mm
A: 28.5 cm /11 ¼" **B:** 60 cm / 24"

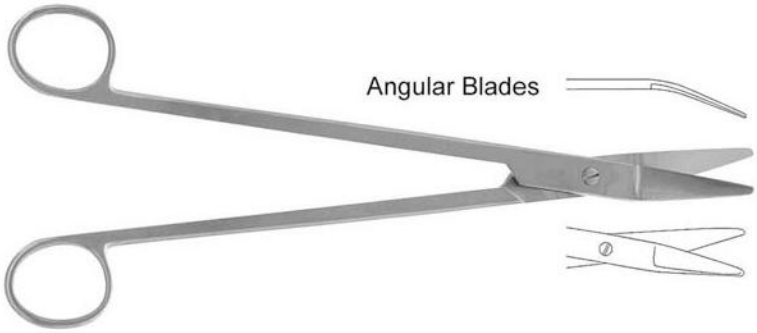
AK-OI-1511
Bunnell Tendon Passer 23 cm / 9" Malleable

AK-OI-1512
Downing Cartilage Knife 25 cm / 10"
Concave Edge Cvd Blade w/ Guards

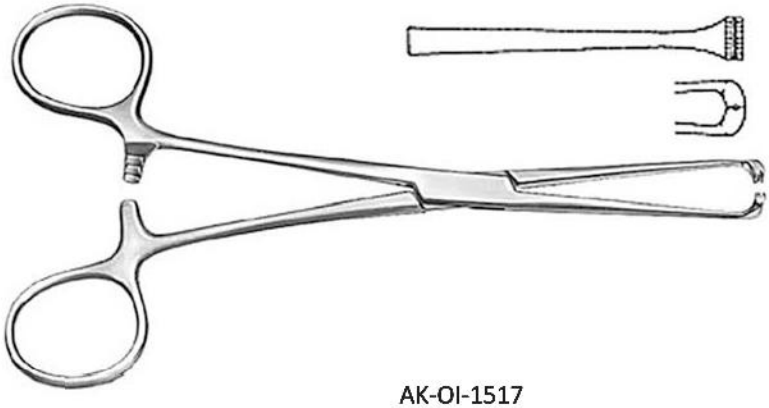
AK-OI-1513
Lowe Breck Cartilage Knife 25cm/10" STR Edge-Cvd Blade w / Guards

AK-OI-1514
Tendon Stripper 40 cm / 16" Fibre Handle

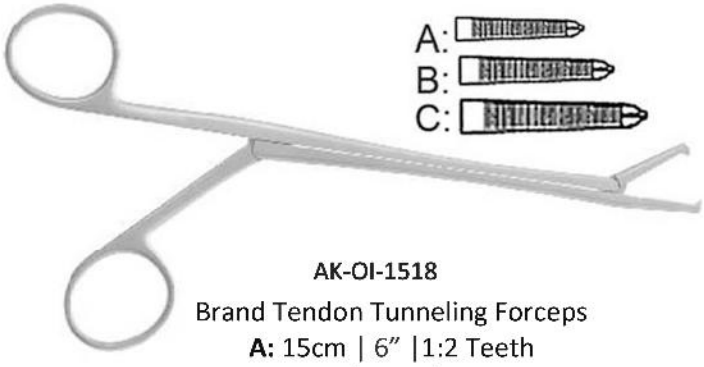
AK-OI-1515
Martin Cartilage Scissors 20cm / 8"



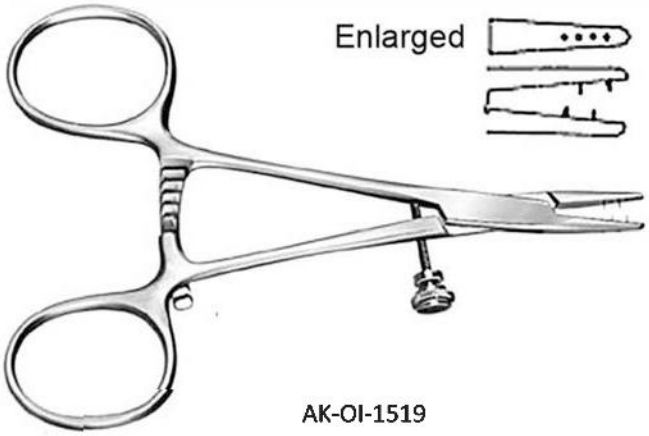
AK-OI-1516
Mueller Capsule Scissors 24 cm / 9 ½"



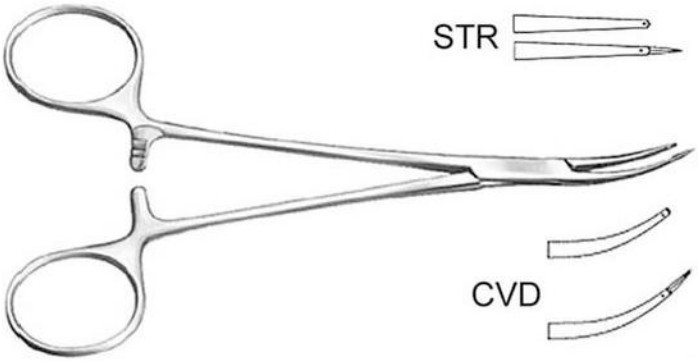
AK-OI-1517
Steinmann Tendon Holding Forceps 16 cm / 6 ¼"



AK-OI-1518
Brand Tendon Tunneling Forceps
A: 15cm | 6" |1:2 Teeth
B: 19cm | 7 ½" | 1:2 Teeth
C: 24.5cm | 9 ¾" | 1:2 Teeth



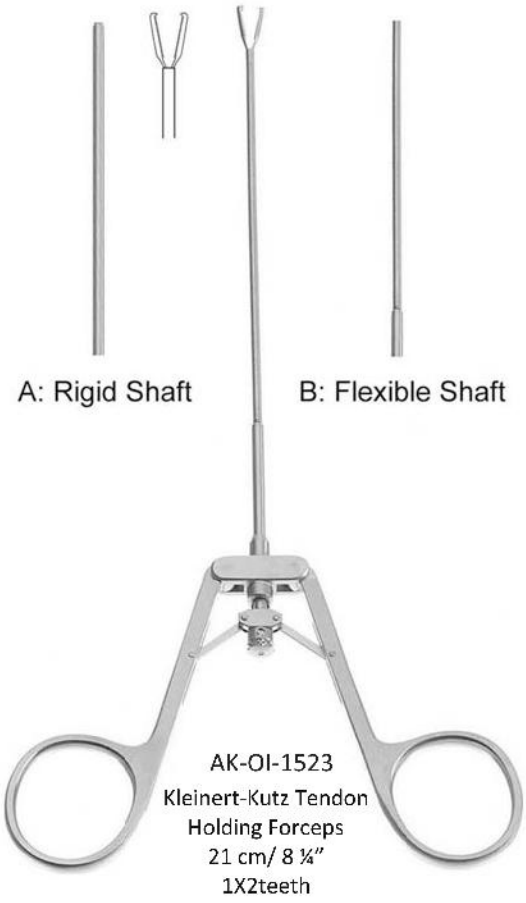
AK-OI-1519
Tendon Holding Forceps
11 .5cm / 4 ½"



AK-OI-1520
Tendon Interlacing Forceps
15.5 cm / 6" Pointed

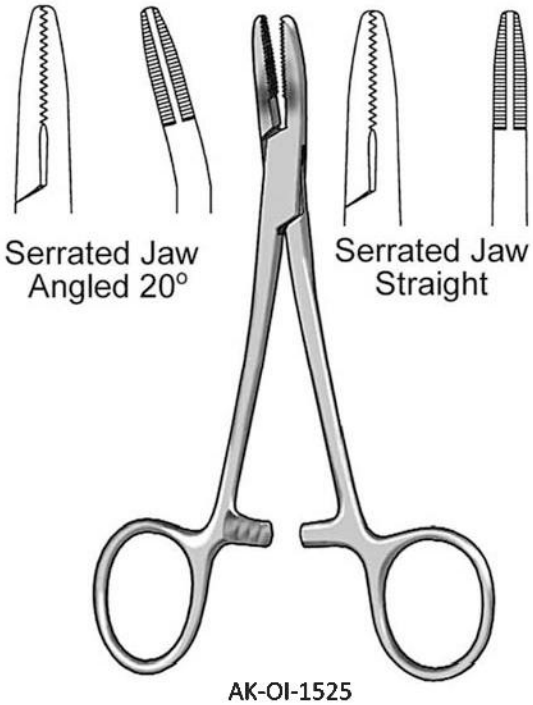
AK-OI-1521
Carroll Tendon Holding Forceps
11 .5 cm / 4 ½"

AK-OI-1522
Hallman Tendon
Tunneling Forceps
21 cm / 8 ¼"

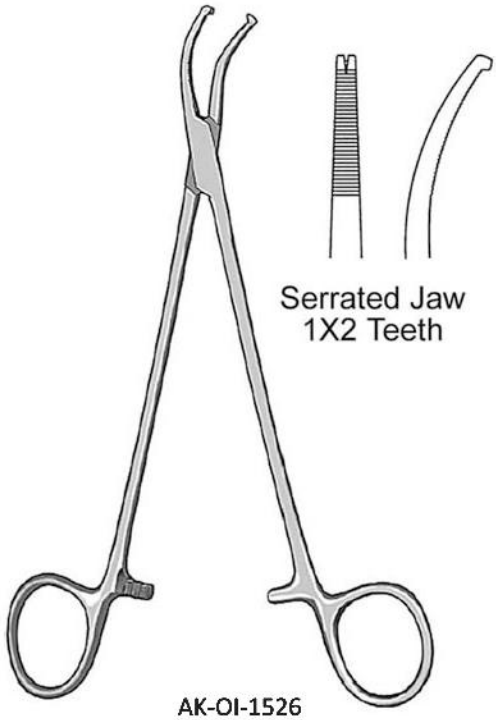


AK-OI-1523
Kleinert-Kutz Tendon
Holding Forceps
21 cm/ 8 ¼"
1X2teeth

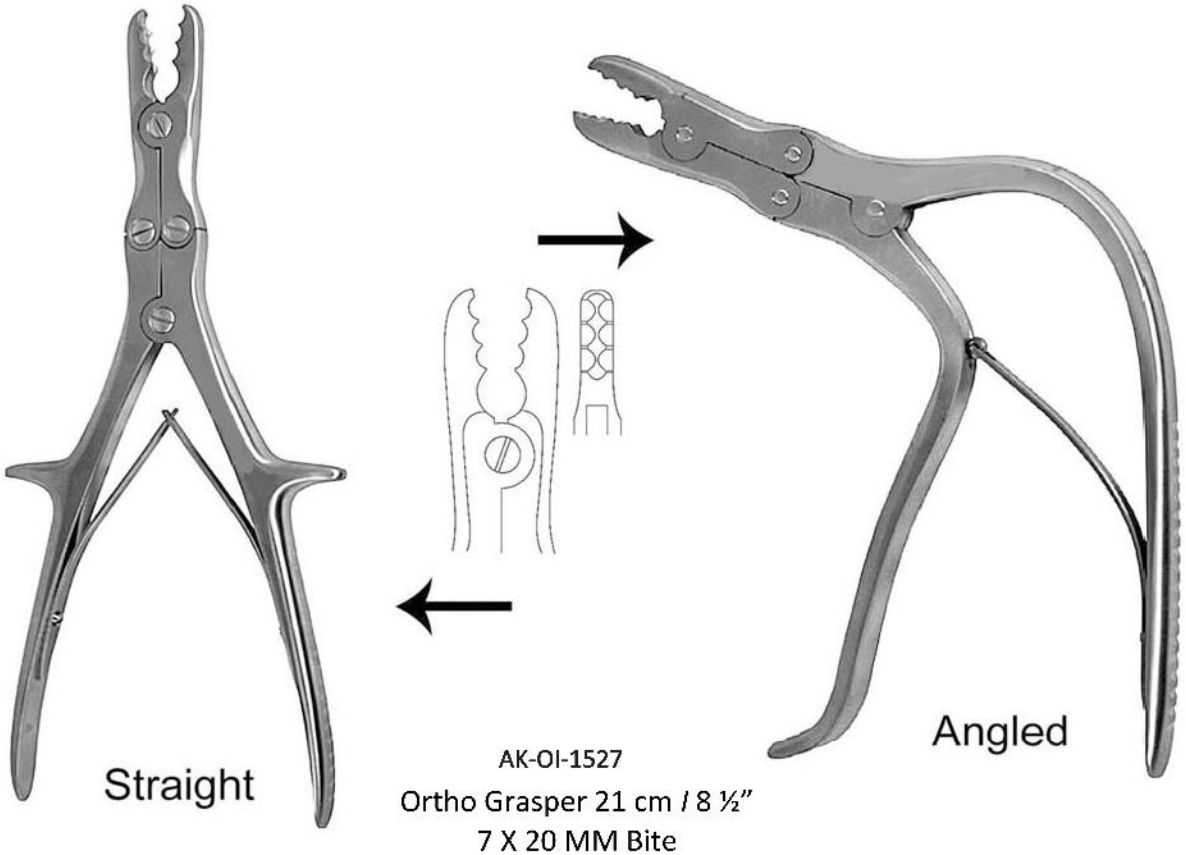
AK-OI-1524
Hoen Grasping Forceps
14 cm / 5 ½" (Shaft)
1X2 teeth



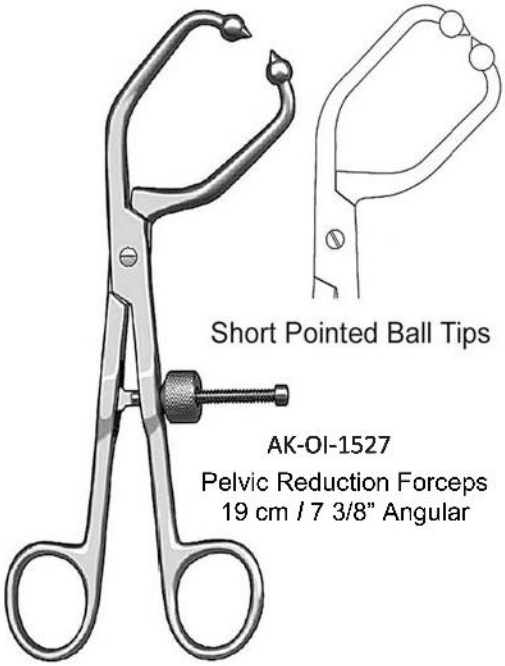
AK-OI-1525
Meniscus Clamp
13.5 cm / 5 *3/8"* 1X2 teeth



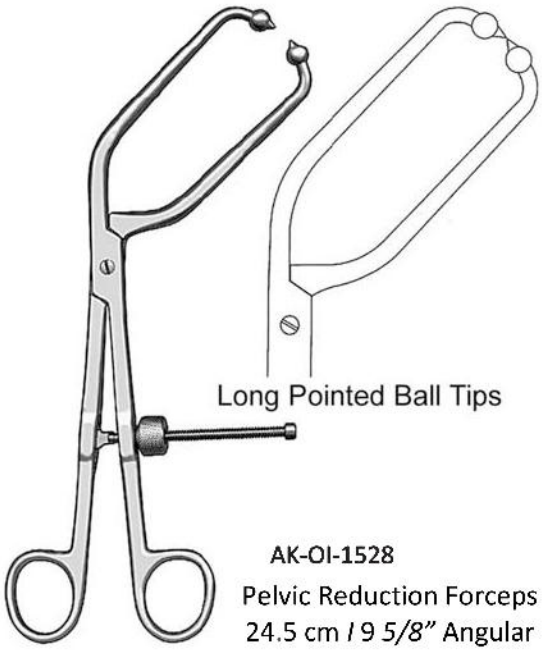
AK-OI-1526
Preston Ligamentum Flavum Forceps
(Meniscus) 18.5 cm / 7 ¼"



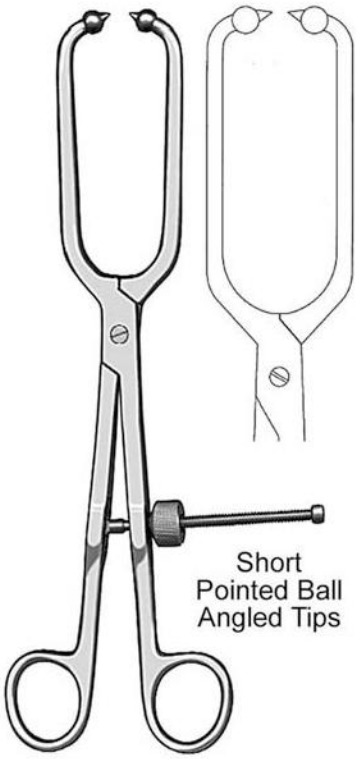
AK-OI-1527
Ortho Grasper 21 cm / 8 ½"
7 X 20 MM Bite



AK-OI-1527
Pelvic Reduction Forceps
19 cm / 7 3/8" Angular

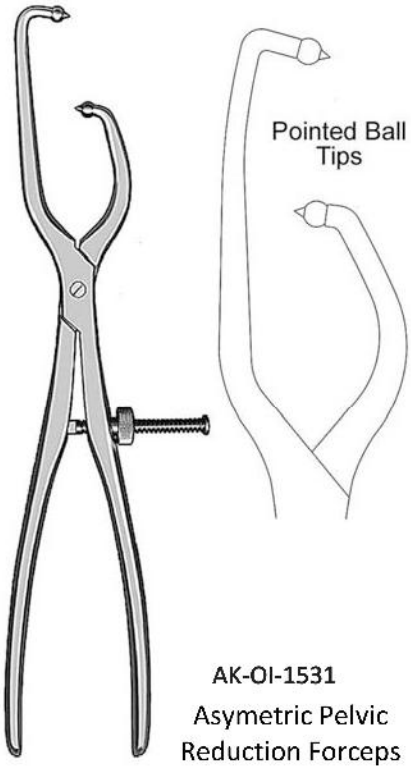


AK-OI-1528
Pelvic Reduction Forceps
24.5 cm / 9 5/8" Angular

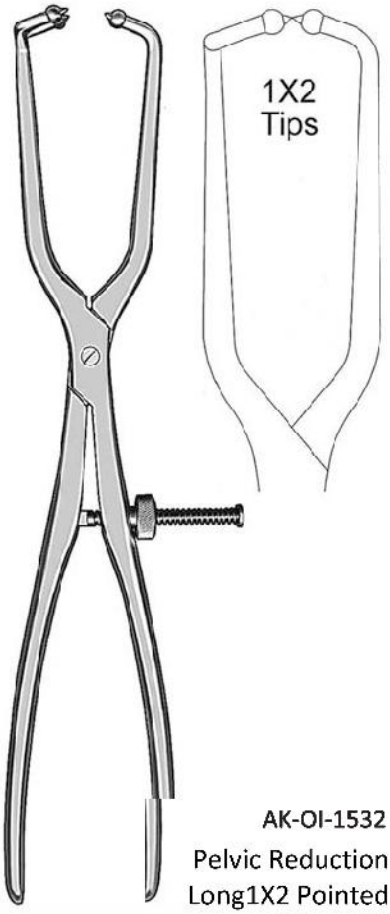


AK-OI-1529
Pelvic Reduction Forceps
25 cm / 10"

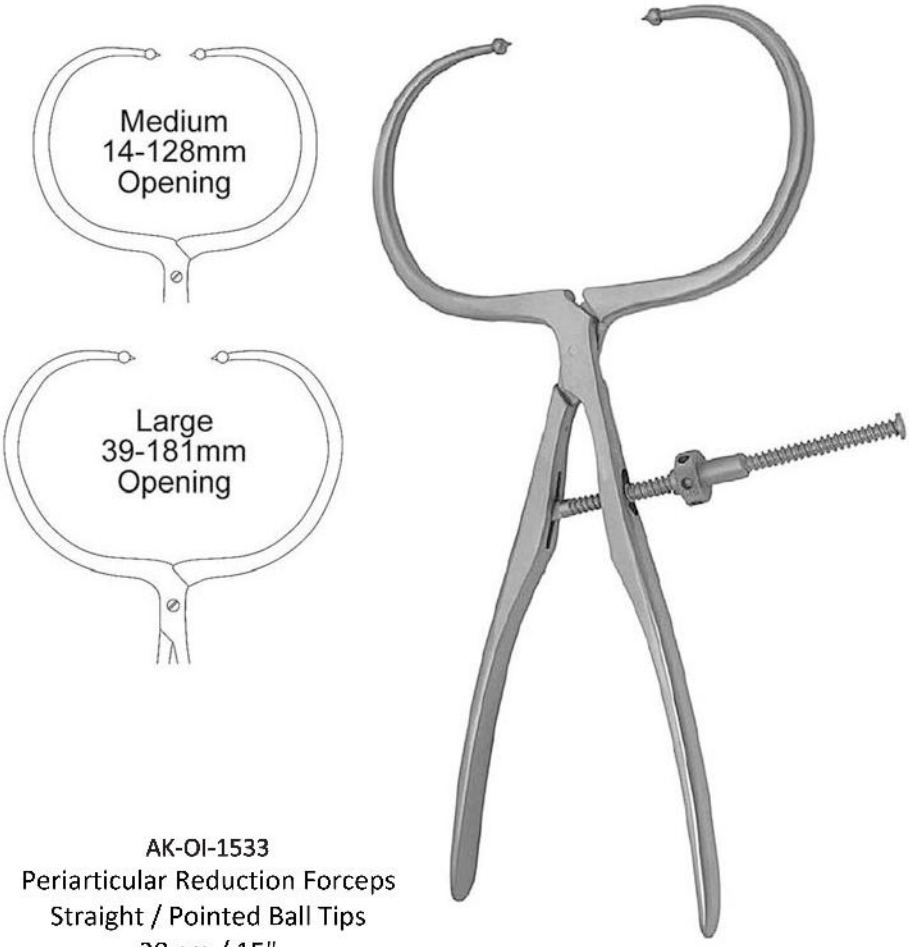
AK-OI-1530
Pelvic Reduction Forceps
Available in 2 Sizes
A: 24 cm / 9 ½"
B: 41cm / 16"



AK-OI-1531
Asymetric Pelvic
Reduction Forceps
41 cm / 16"

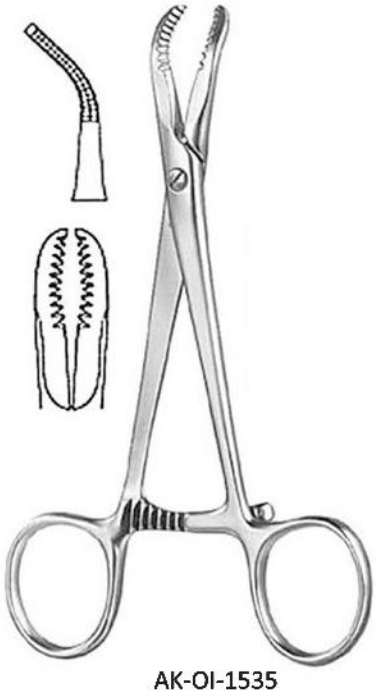


AK-OI-1532
Pelvic Reduction Forceps
Long1X2 Pointed Ball Tips
41 cm / 16"

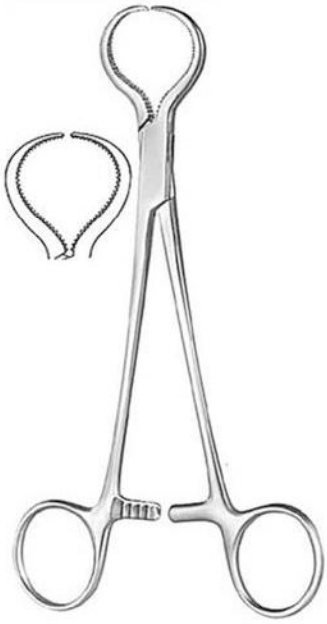


AK-OI-1533
Periarticular Reduction Forceps
Straight / Pointed Ball Tips
38 cm / 15"

AK-OI-1534
Pelvic Reduction Forceps
Adjustable Jaws for Screws
A: 25 cm / 10" **B:** 33 cm / 13"



AK-OI-1535
Bone Holding Forceps
14 cm / 5 ½"

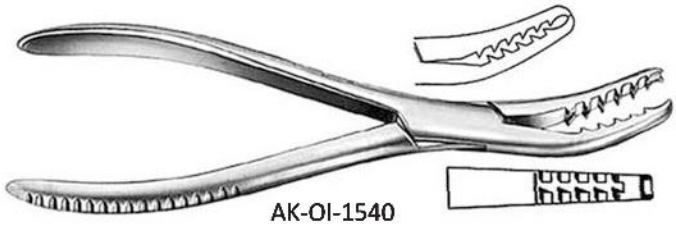


AK-OI-1536
Lewin Bone Holding Forceps
18.5 cm / 7 ¼"

AK-OI-1537
Bone Holding Forceps
14 cm / 5 ½" Delicate

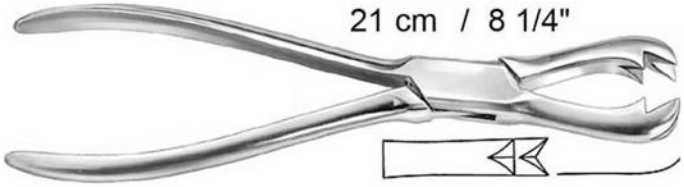
AK-OI-1538
Frosch Bone Holding Forceps 18 cm / 7"

AK-OI-1539
Bone Holding Forceps 20 cm / 8"

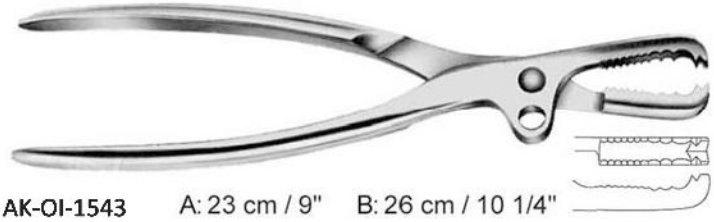


AK-OI-1540
Semb Bone Holding Forceps 19 cm / 7 ½"

AK-OI-1541
Lengenbeck Bone Holding Forceps 21 cm / 8 ¼"



AK-OI-1542
Fergusson Bone Holding Forceps Heavy pattern



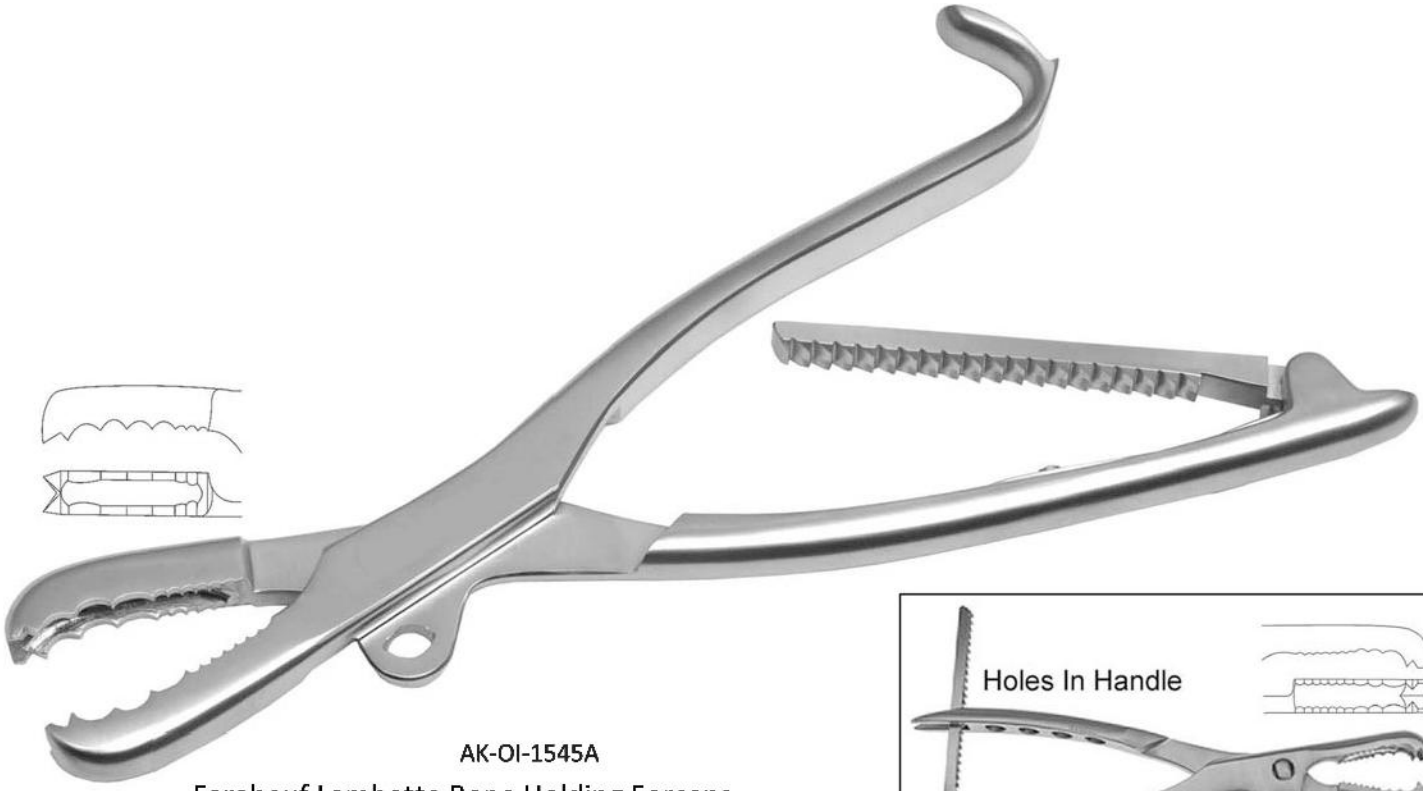
AK-OI-1543 A: 23 cm / 9" B: 26 cm / 10 1/4"
Farabeuf Bone Holding Forceps

AK-OI-1544

Kern Bone Holding Forceps

A: 17 cm / 6 ¾"

B: 21 cm / 8 ¼"

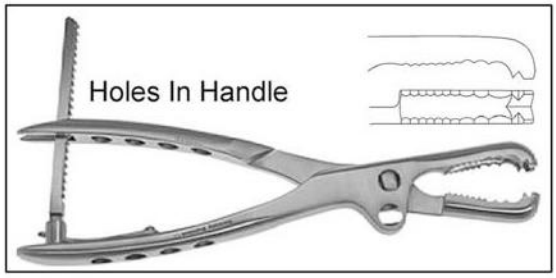


AK-OI-1545A

Farabeuf Lambotte Bone Holding Forceps

A: 23 cm / 9" | **B:** 26 cm / 10"

Adjustable / with Ratchet

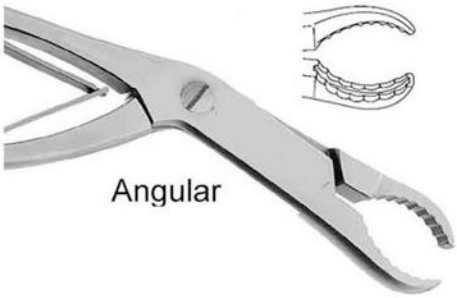


AK-OI-1545B

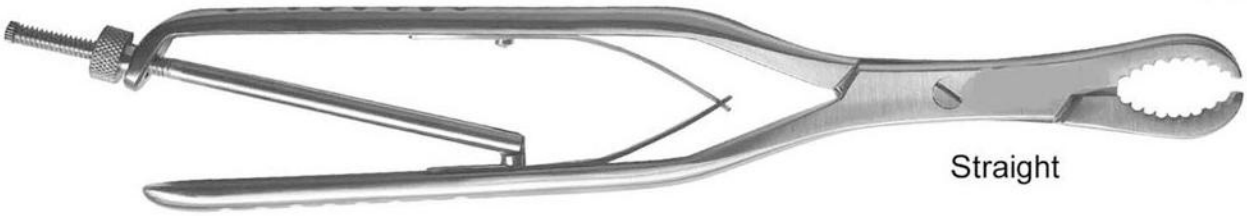
AK-OI-1546
Lambotte Bone Holding Forceps
w / Swivel Head, Adjustable Jaw
A: 22 cm I 8 ¾" | **B:** 27 cm I 10 ¾" | **C:** 30 cm I 11 ¾"

AK-OI-1547
Ulrich Bone Holding Forceps
w / Thread Fixation 19 cm / 7 ¼"

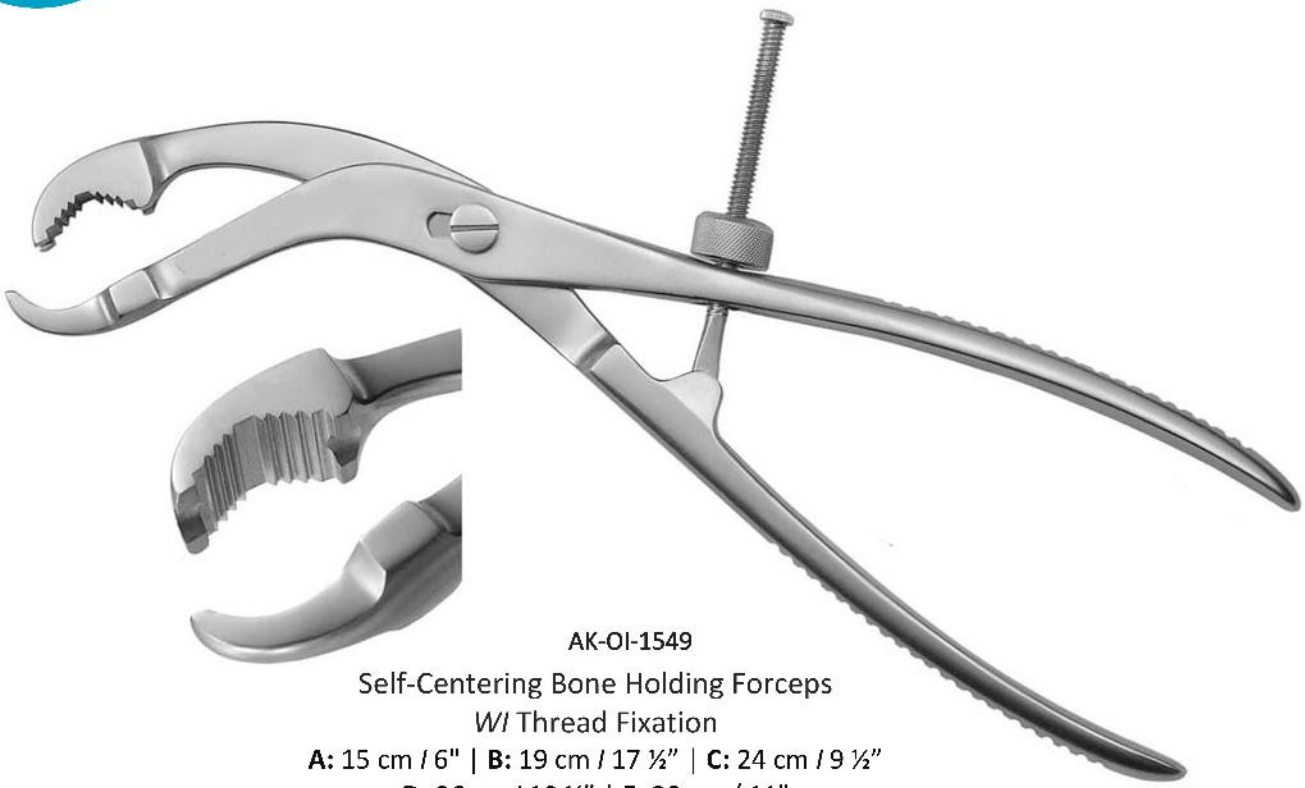
AK-OI-1548
Ulrich Bone Holding Forceps
w / Thread Fixation
A: 23 cm / 9" | **B:** 25 cm / 9 ¾" / **C:** 28 cm / 11"



Angular



Straight



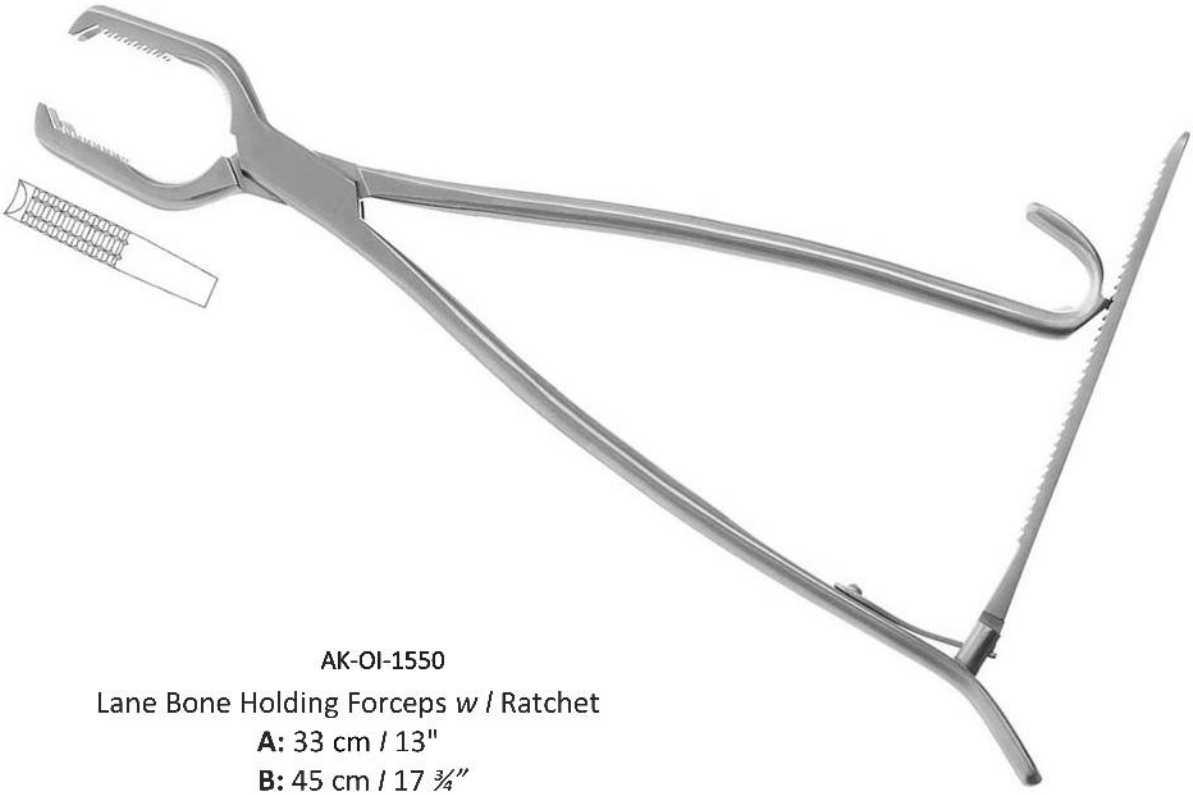
AK-OI-1549

Self-Centering Bone Holding Forceps

W/ Thread Fixation

A: 15 cm / 6" | **B:** 19 cm / 17 ½" | **C:** 24 cm / 9 ½"

D: 26 cm / 10 ¼" | **E:** 28 cm / 11"



AK-OI-1550

Lane Bone Holding Forceps *w* / Ratchet

A: 33 cm / 13"

B: 45 cm / 17 ¾"

11-01-0749

Without Ratchet

AK-OI-1551

Hey Groves Bone Holding Forceps

A: 20 cm / 8" | **B:** 25 cm / 10" | **C:** 30 cm / 12"

AK-OI-1552

Verbrugge Bone Holding Forceps

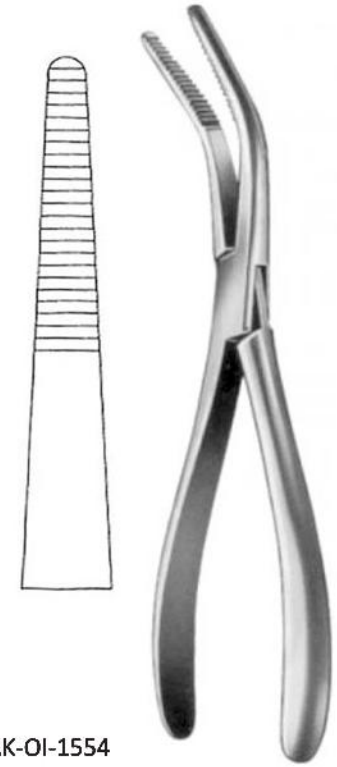
A: 17.5 cm / 7" | **B:** 25 cm / 9 ¾"

C: 26 cm / 10 ¼" |**D:** 27 cm / 10 ¾"

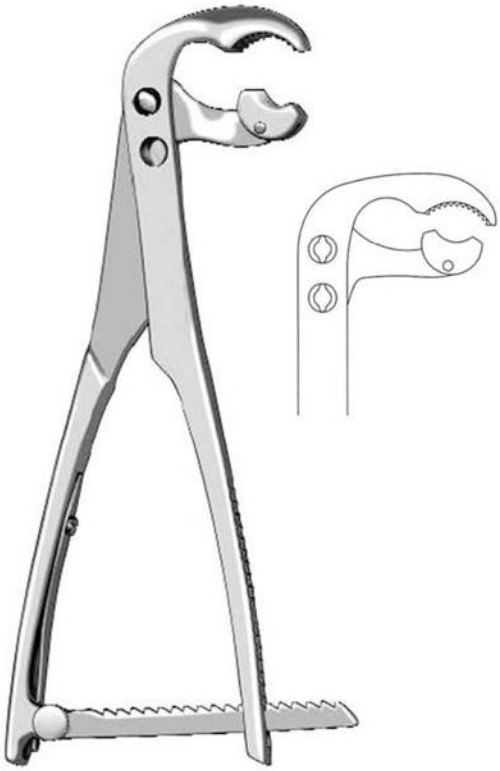
AK-OI-1553

Smooth Jaws Bone Holding Forceps

23 cm / 9"



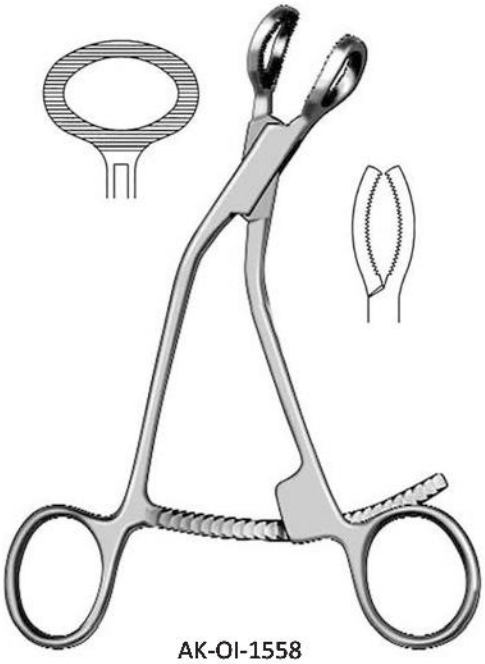
AK-OI-1554
Van Buren Bone Holding Forceps
21.5 cm / 8 ½"



AK-OI-1555
Angled Bone Holding Forceps 23 cm / 9"

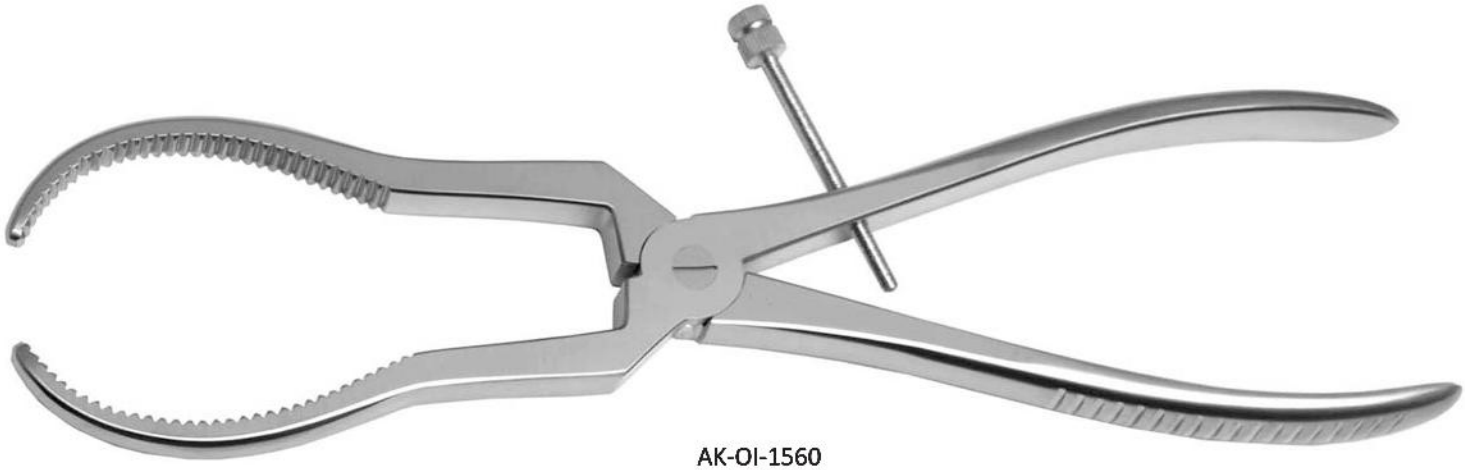
AK-OI-1556
Bishop Bone Holding Forceps 23 cm / 9"

AK-OI-1557
Bone Holding Forceps
A: 17cm 6 ¾" 0.9mm
B: 13cm 5 ¼" 1.6mm



AK-OI-1558
Bishop Bone Holding Forceps
23 cm / 9"

AK-OI-1559
Patella Forceps 18 cm / 7"



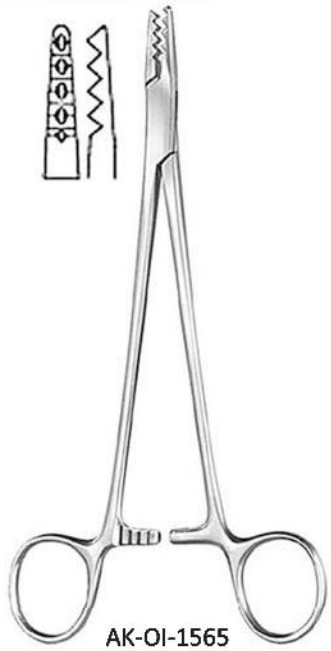
AK-OI-1560
Hayton Williams Forward Traction Forceps
Broad Tips 23 cm / 9"

AK-OI-1561
Fibula Bone Holding Forceps
21 cm / 8 ½"

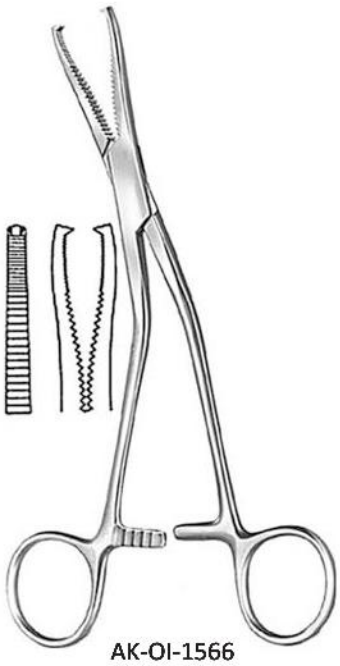
AK-OI-1562
Bone Holding Forceps
w/ Thread Fixation
15 cm / 6"

AK-OI-1563
Semb Bone Holding Forceps
Curved Sideward
21 cm / 8 ½"

AK-OI-1564
Bargo Bone Holding Forceps 15 cm / 6"

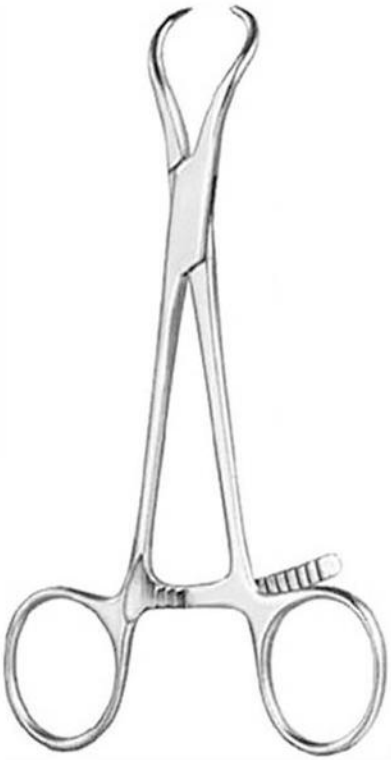


AK-OI-1565
Martin Cartilage Seizing Forceps
18.5 cm / 7 ¼"

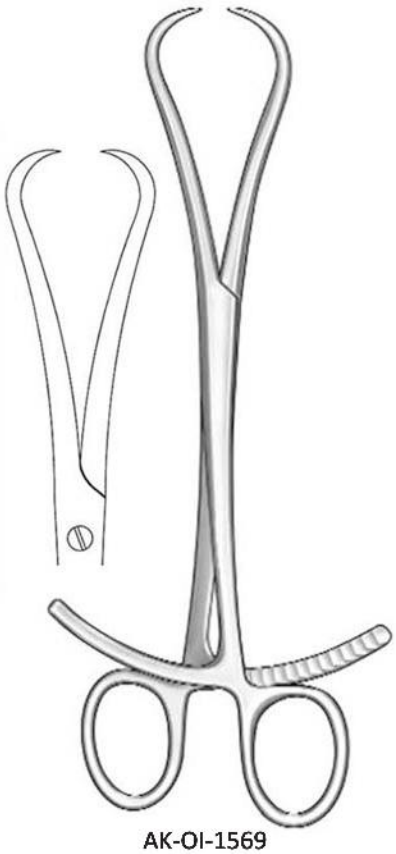


AK-OI-1566
Dingmann Cartilage Seizing Forceps
18.5 cm / 7 ¼"

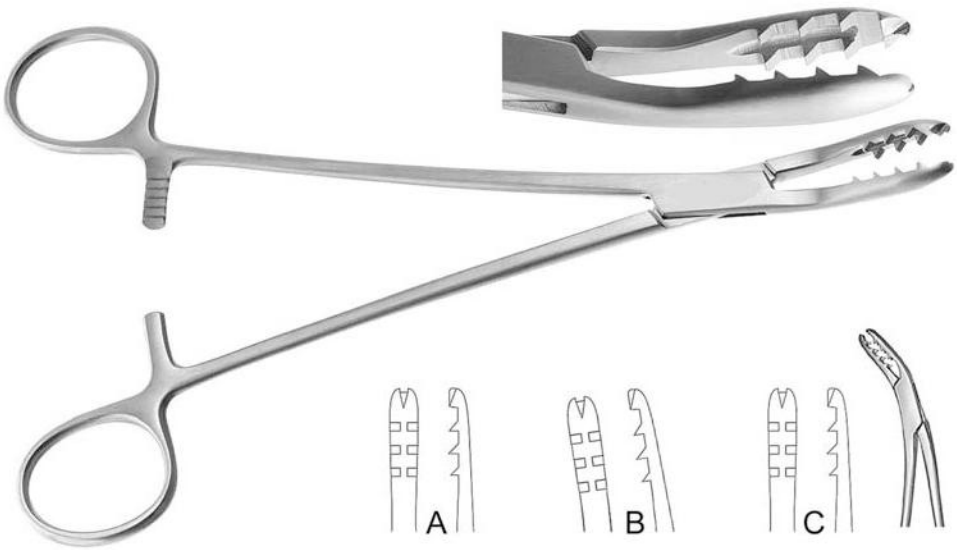
AK-OI-1567
Reposition Forceps
13.5 cm / 5 ¼" Long ratchet pointed



AK-OI-1568
Reposition Forceps
15 cm / 6" Long Ratchet Pointed



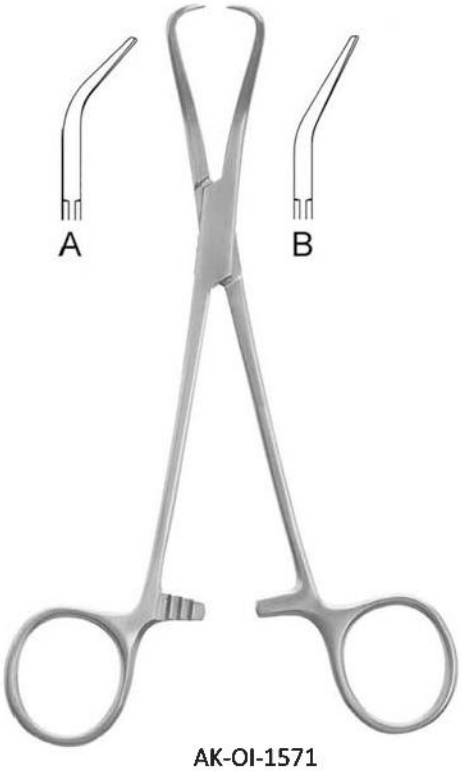
AK-OI-1569
Walton Bone Reduction Forceps
20.5 cm / 8" | 2" Double Ratchet
Opening 9-100mm



AK-OI-1570

Cartilage Seizing Forceps

A: Straight | **B:** Upward Cvd | **C:** Sideward Cvd



AK-OI-1571

Glenoid Perforating Forceps 17cm / 6 ½"

A: Strong Cvd | **B:** Slight Cvd

AK-OI-1572

Bone Reposition Forceps

w / Thread Fixations Screw

A: 17 cm / 6 ¾"

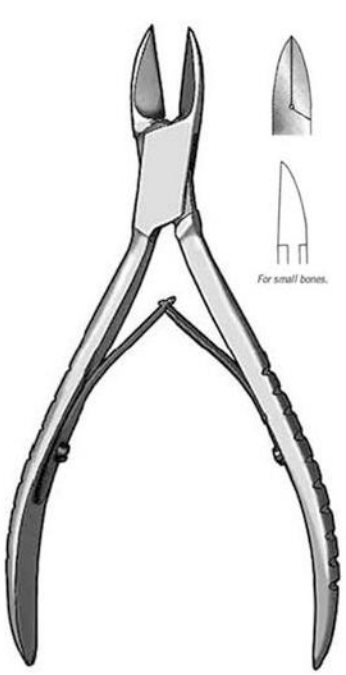
B: 24 cm / 9 ½"

AK-OI-1573

Reill Bone Reduction Forcep

17.5 cm / 7"

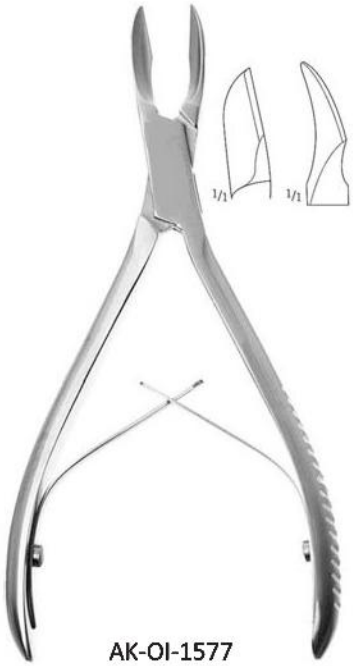
BONE CUTTING FORCEPS



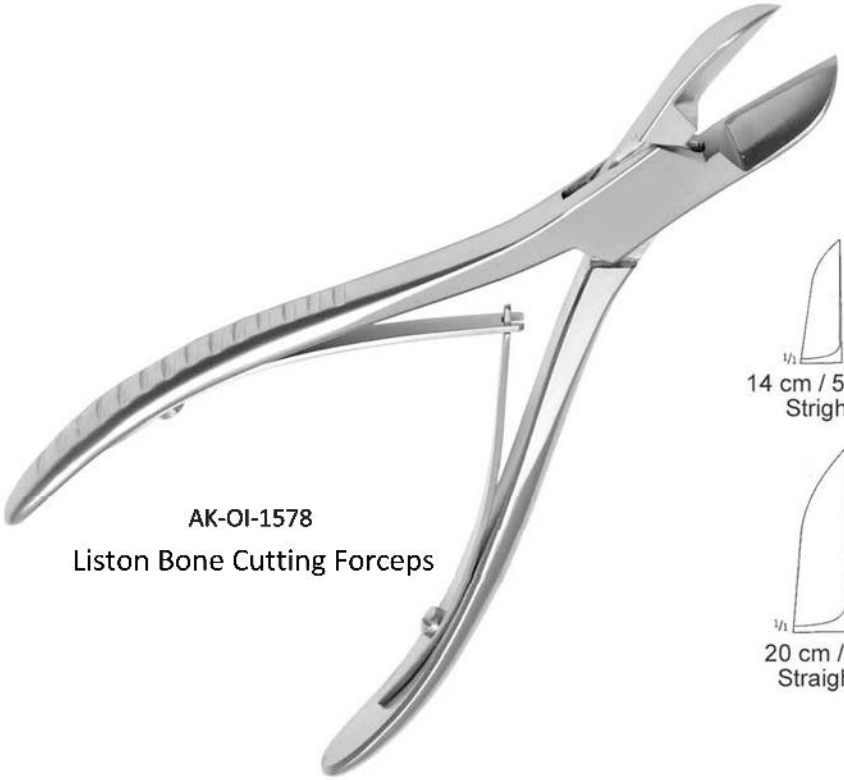
AK-OI-1574
Littauer Bone Cutting Forceps
15 cm / 6"

AK-OI-1575
Marwalder Bone
Nipper 18.5 cm / 7 ¼"

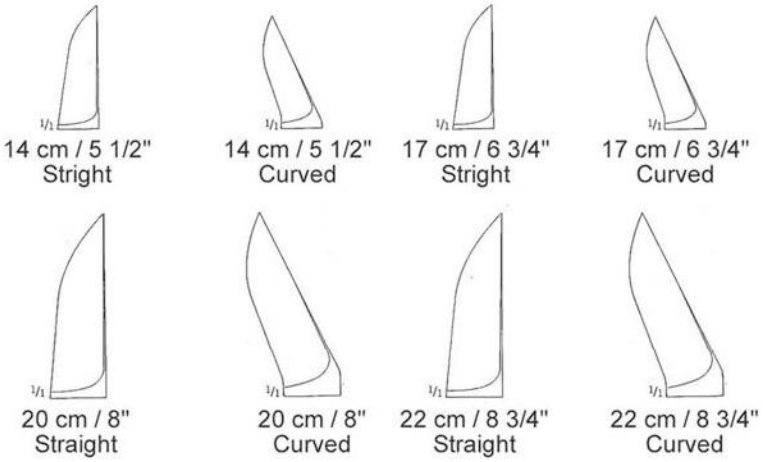
AK-OI-1576
Cottle Kazanjian Bone Cutting
Forceps 18.5 cm / 7 ¼"

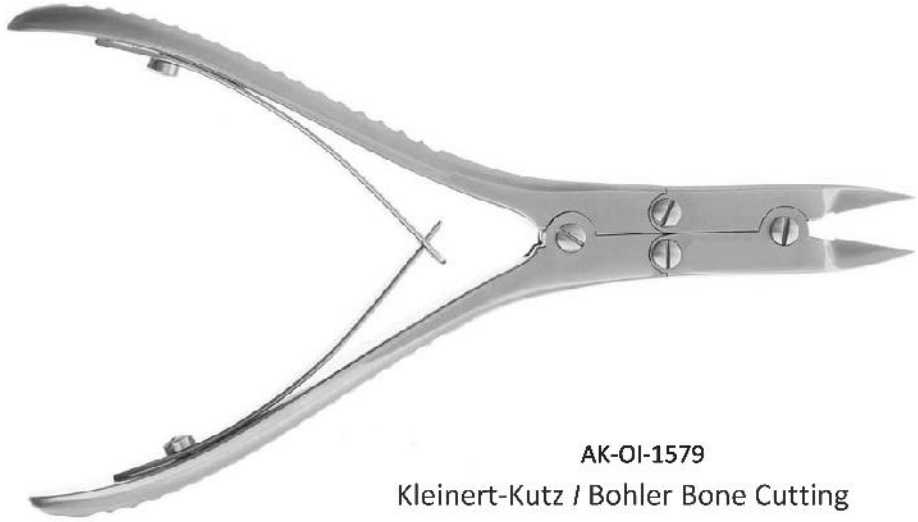


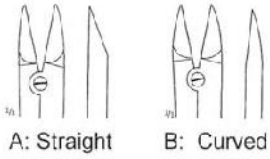
AK-OI-1577
Cleveland Bone Cutting Forceps
A: 14.5 cm / 5 ¾"
B: 17 cm / 6 ¾"



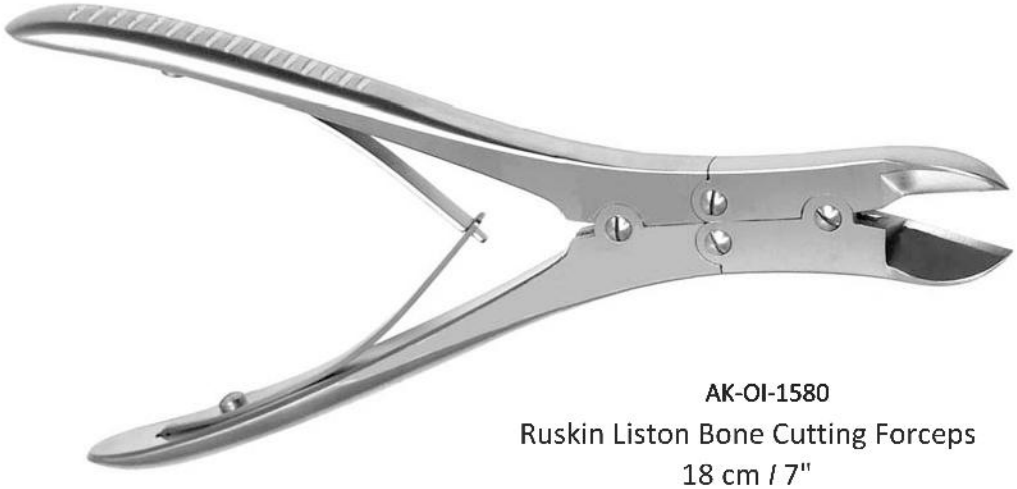
AK-OI-1578
Liston Bone Cutting Forceps

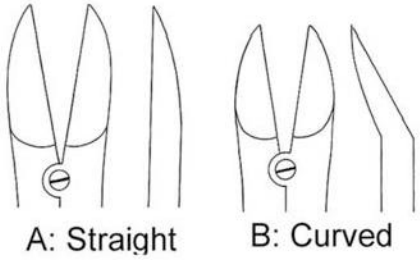




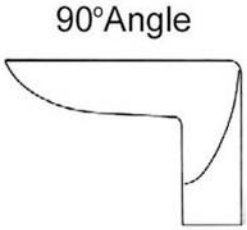


AK-OI-1579
Kleinert-Kutz / Bohler Bone Cutting
Forceps 14.5 cm / 5 ¾"

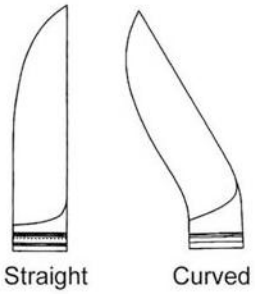




AK-OI-1580
Ruskin Liston Bone Cutting Forceps
18 cm / 7"

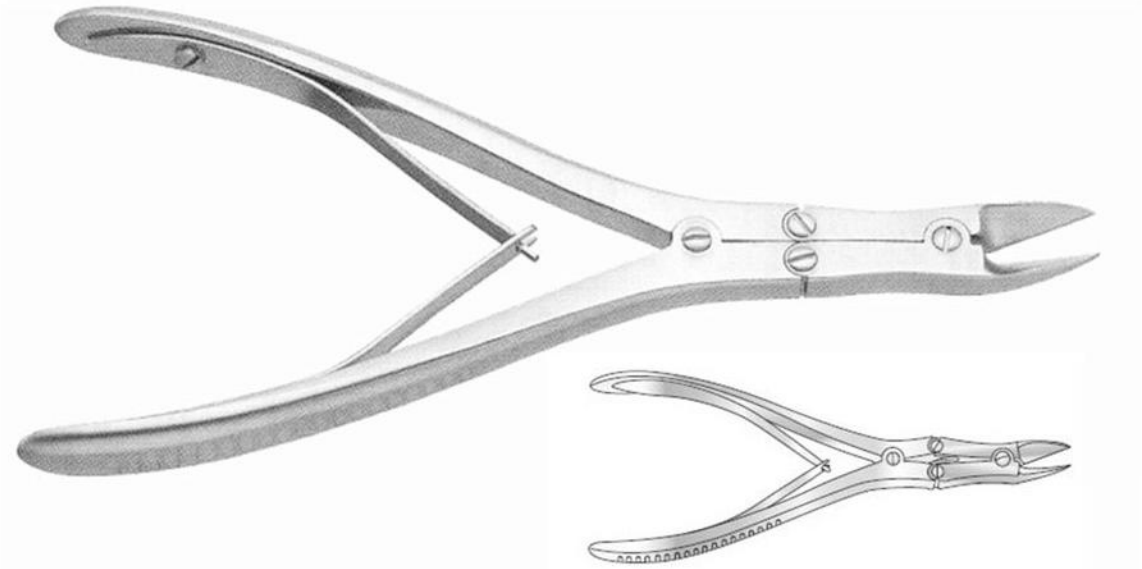


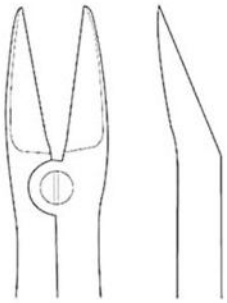
AK-OI-1581
Stille-Liston Bone Cutting Forceps
26 cm / 10 ¼"



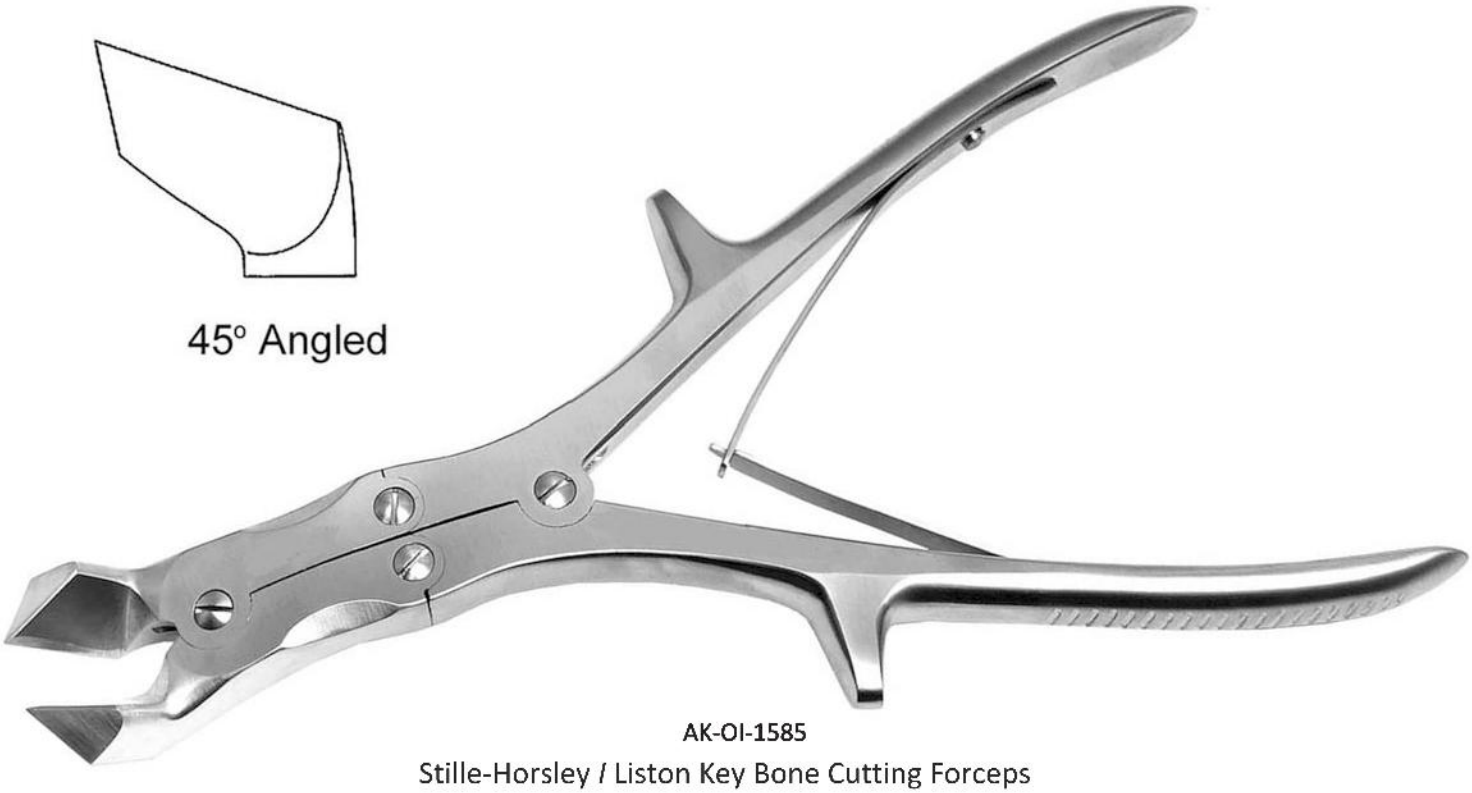
AK-OI-1582
Stille-Liston Bone Cutting Forceps
A: 23 cm / 9" | **B:** 27.5 cm / 10 ¾"

AK-OI-1583
Cleveland Bone Cutting Forceps
16 cm / 6 ¼"





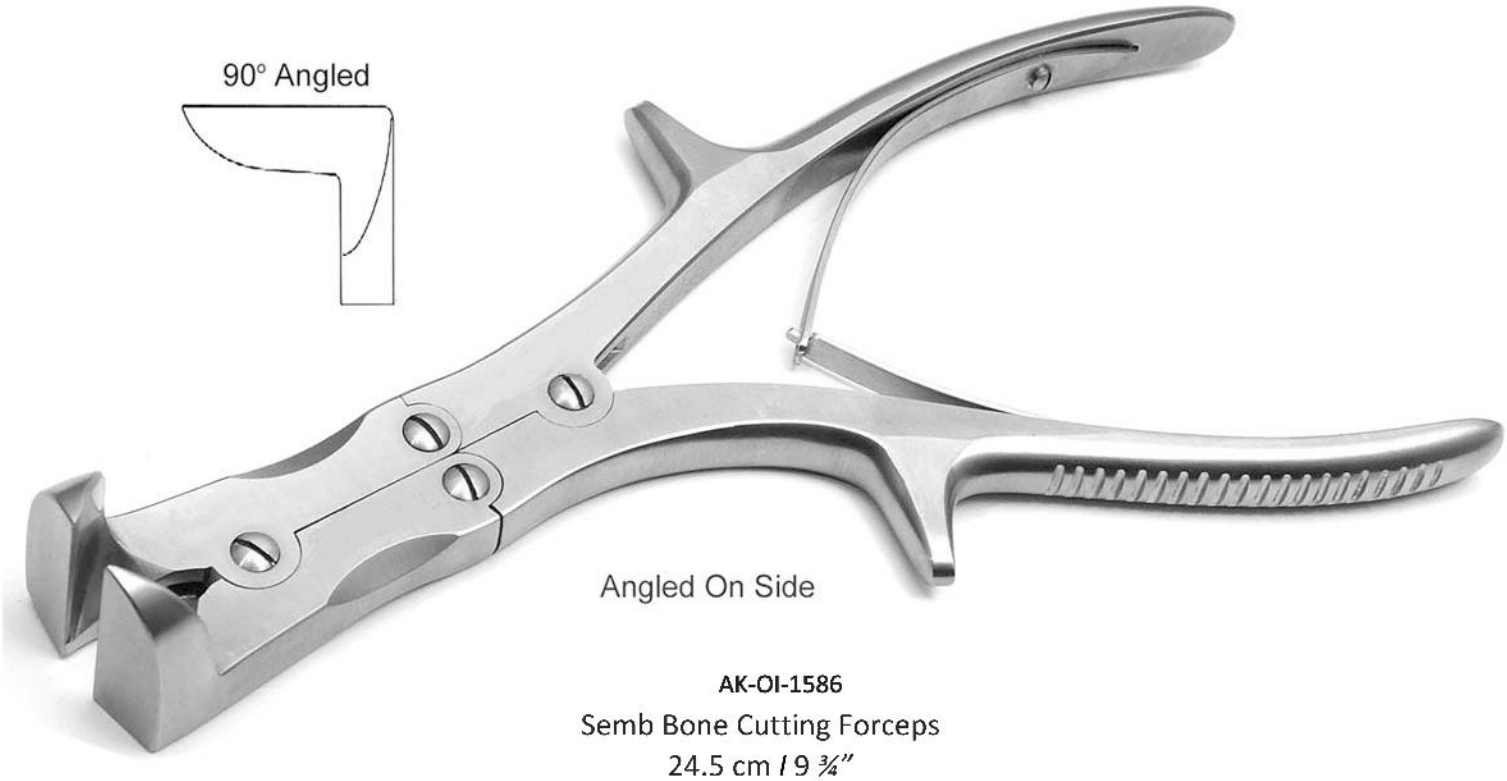
AK-OI-1584



AK-OI-1585

Stille-Horsley / Liston Key Bone Cutting Forceps

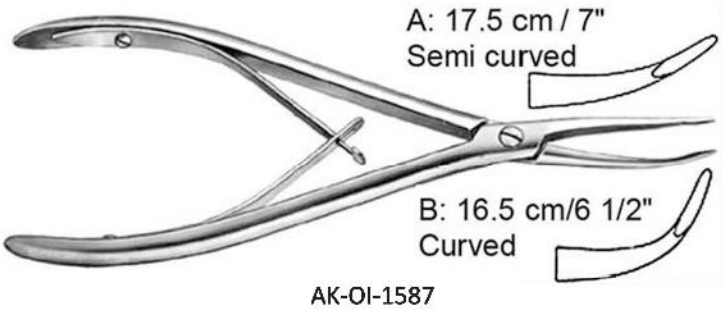
25.5 cm / 10"



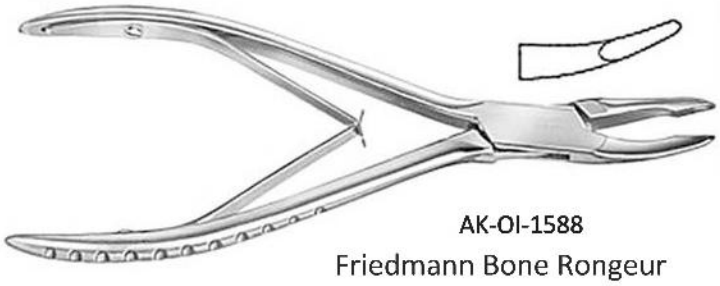
AK-OI-1586

Semb Bone Cutting Forceps

24.5 cm / 9 ¾"



AK-OI-1587
Stellbrink Bone Rongeur

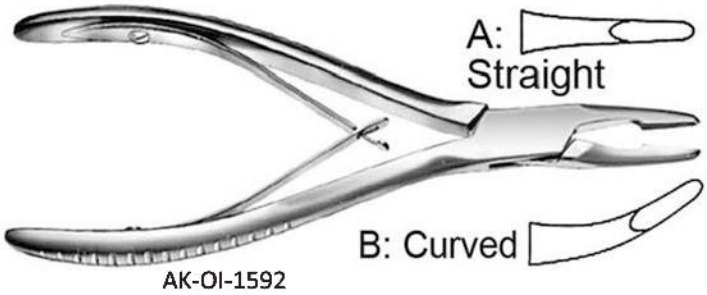


AK-OI-1588
Friedmann Bone Rongeur
A: 12.5 cm / 5" | **B:** 13.5 cm / 5 ¼"

AK-OI-1589
Friedmann Bone Rongeur
13.5 cm / 5 ¼"

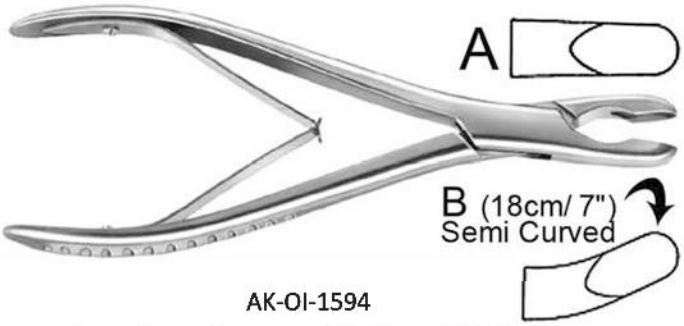
AK-OI-1590
Cleveland Bone Rongeur
A: 13.5 cm / 5 ¼" | **B:** 16.5 cm / 6 ½"

AK-OI-1591
Mead Bone Rongeur 16.5 cm / 6 ½"

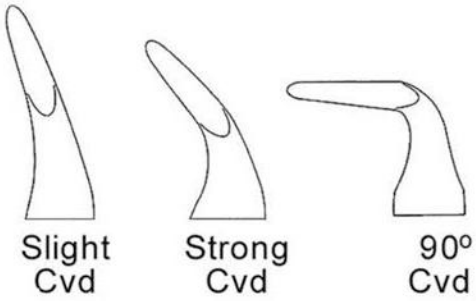


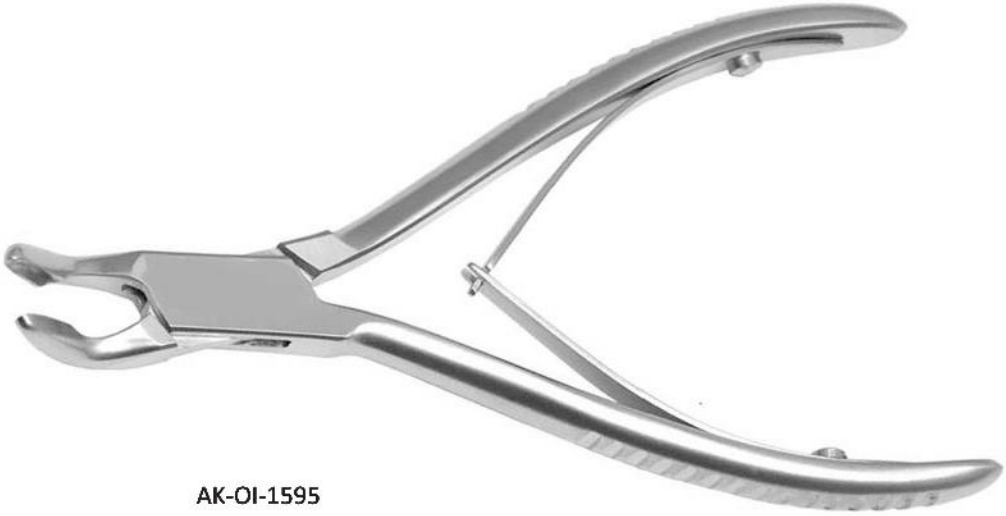
AK-OI-1592
Jansen Bone Rongeur 18 cm / 7"

AK-OI-1593
Luer Bone Rongeur 14.5 cm / 5 ¾"



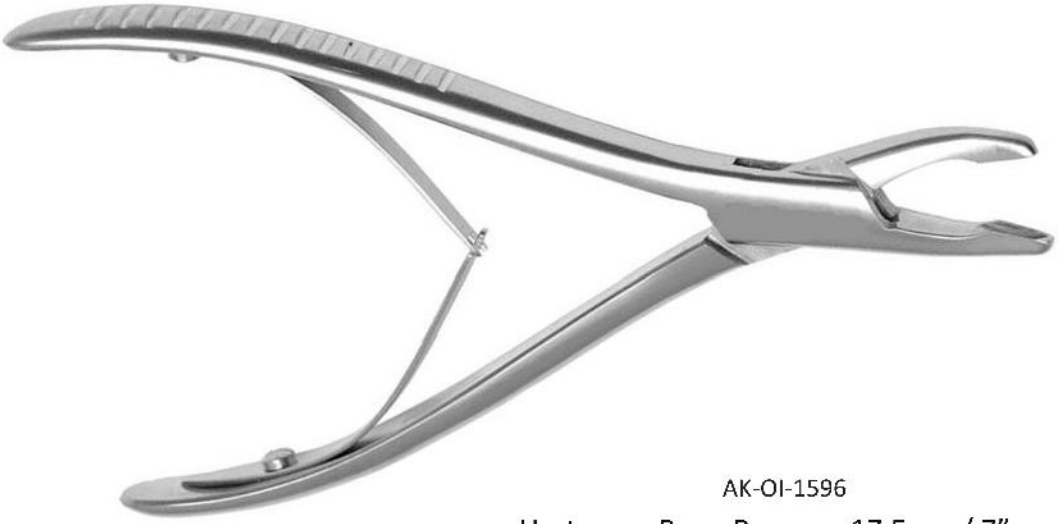
AK-OI-1594
Luer Bone Rongeur 18.5 cm / 7 ¼"





AK-OI-1595

Bluemental Bone Rongeur 12.5 cm / 5”



AK-OI-1596

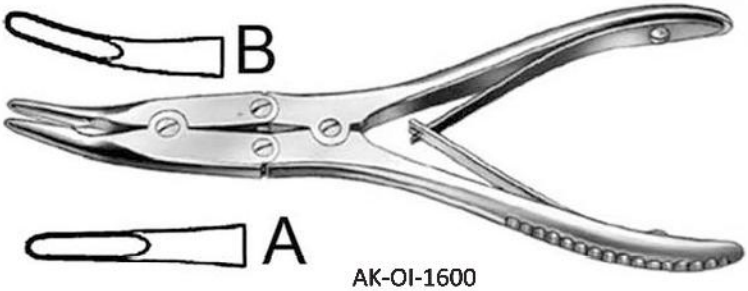
Hartmann Bone Rongeur 17.5 cm / 7”

AK-OI-1597

Jansen Bone Rongeur 19 cm / 7 ½” Bayonet

AK-OI-1598
Jansen Bone Rongeur Straight
A: 14 cm / 5 ½"
B: 17 cm / 6 ½"

AK-OI-1599
Jansen Bone Rongeur Delicate
14 cm / 5 ½"



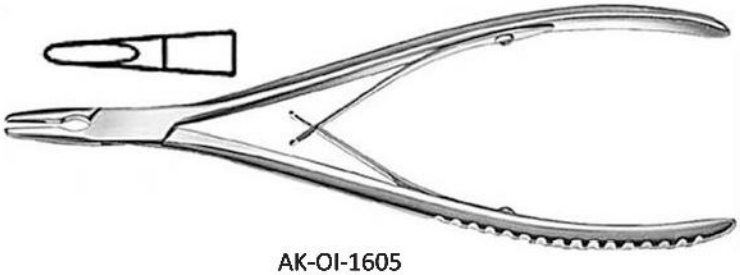
AK-OI-1600
Bohler Bone Rongeur 15.5 cm / 6"

AK-OI-1601
Beyer Bone Rongeur 18 cm / 7"

AK-OI-1602
Zaufai-Jansen Bone Rongeur 18 cm / 7"

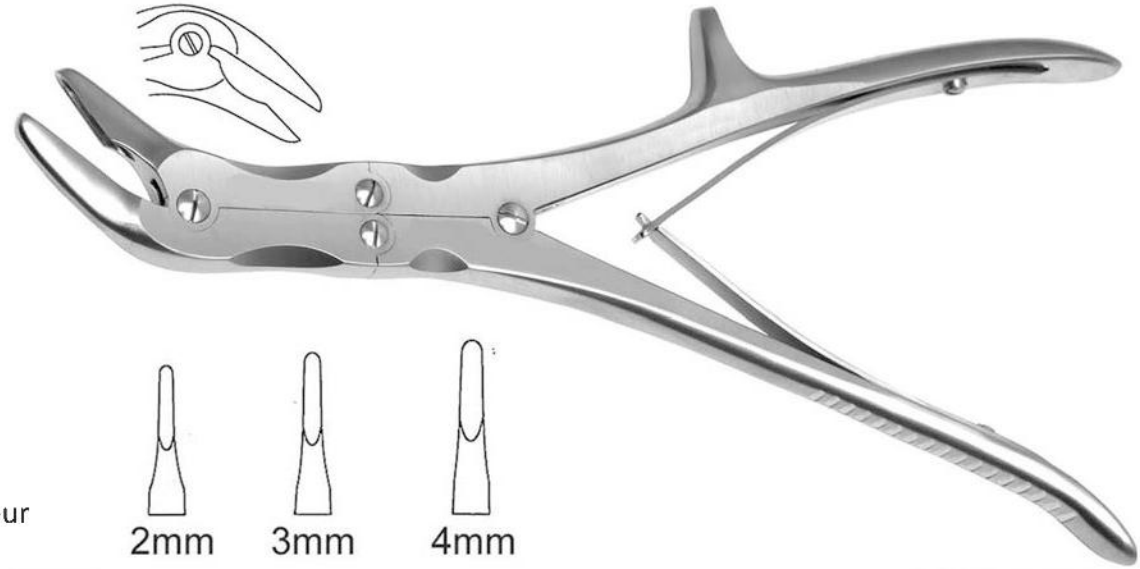
AK-OI-1603
Mayfield Bone Rongeur 18 cm / 7"

AK-OI-1604
Marquard Bone Rongeur 20.5 cm / 8"

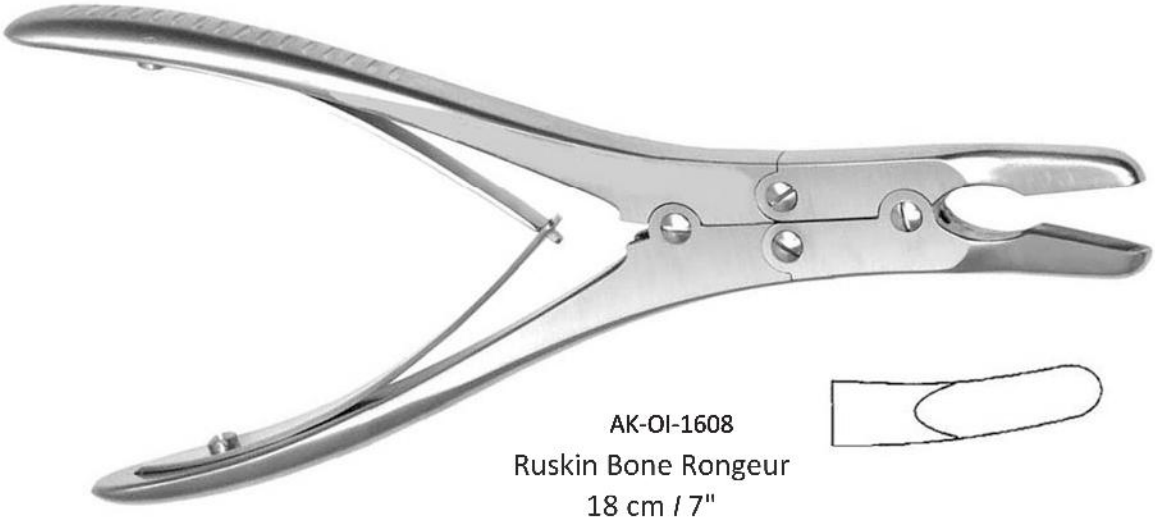


AK-OI-1605
Lempert Bone Rongeur 19 cm / 7 ½"

AK-OI-1606
Stille Bone Rongeur
22.5 cm / 8 ¾"

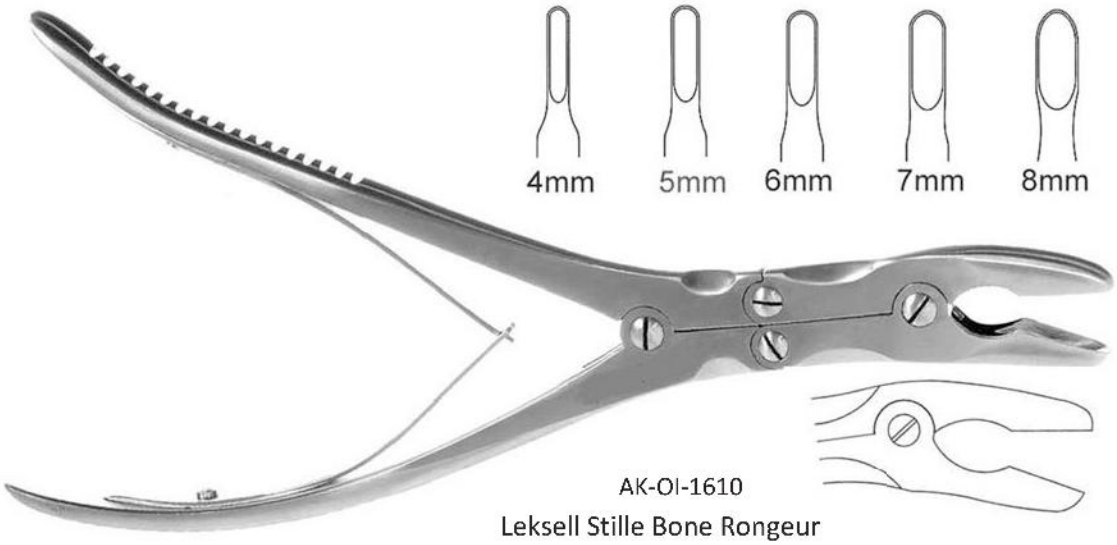


AK-OI-1607
Echlin Duckbill Bone Rongeur
22 cm / 8 ¾"

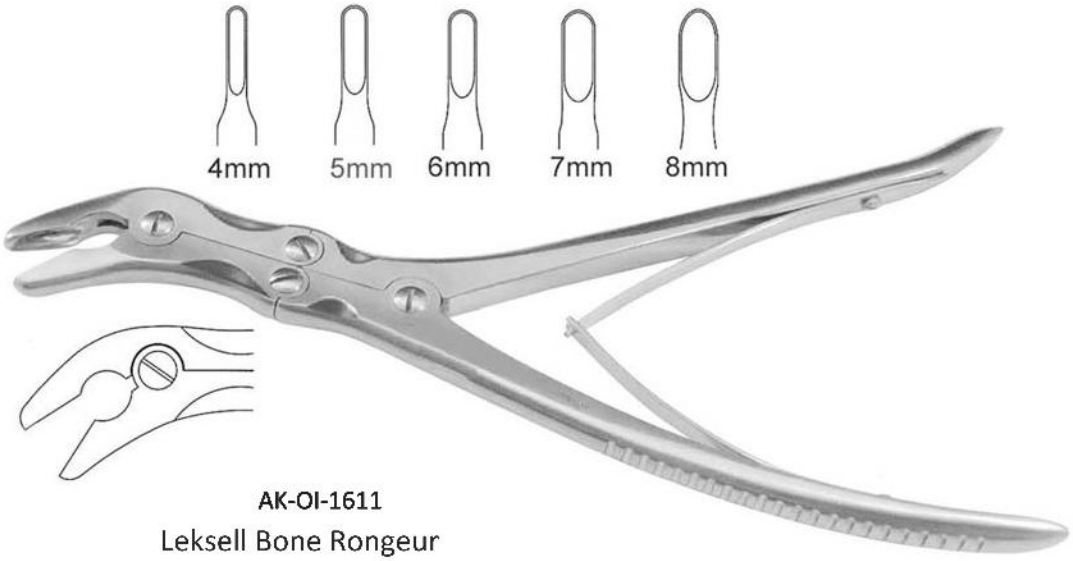


AK-OI-1608
Ruskin Bone Rongeur
18 cm / 7"

AK-OI-1609
Ruskin Bone Rongeur
24 cm / 9 ½"



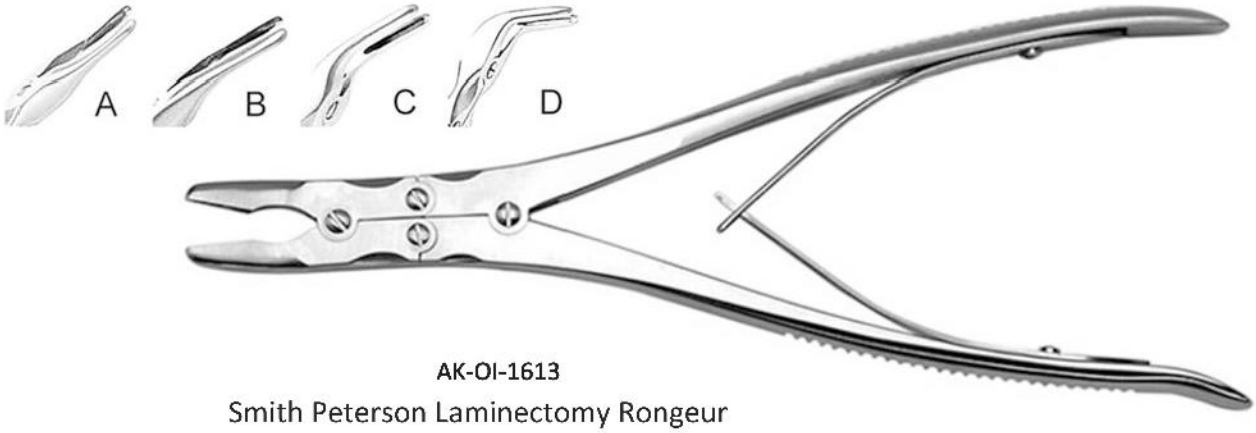
AK-OI-1610
Leksell Stille Bone Rongeur
24 cm / 9 ½"



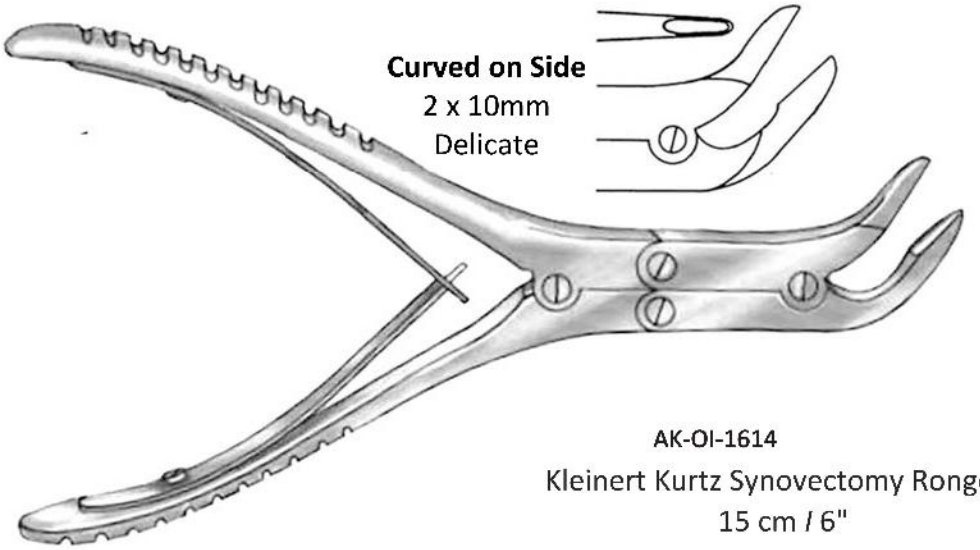
AK-OI-1611
Leksell Bone Rongeur
24 cm / 9 ½"

AK-OI-1612
Leksell Bone Rongeur
23 cm / 9"

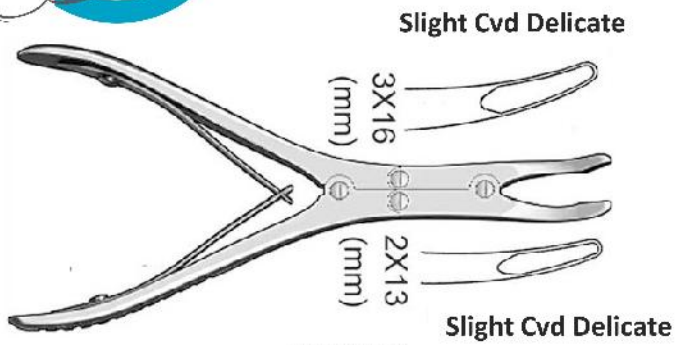
A: Straight
B: Slight Curved
C: Strong Curved
D: Extra Strong Cvd



AK-OI-1613
Smith Peterson Laminectomy Rongeur
24 cm / 9 ½"

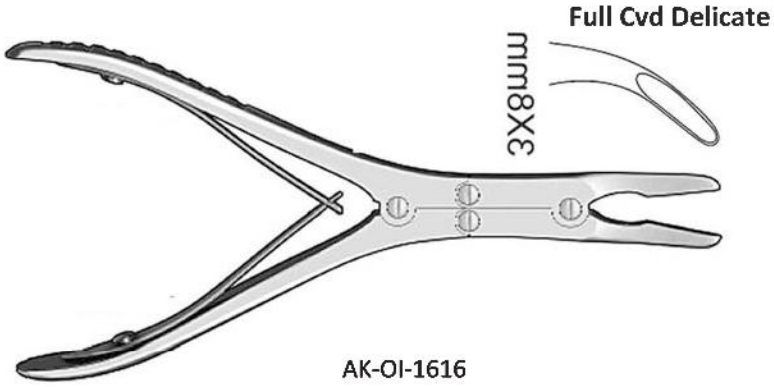


AK-OI-1614
Kleinert Kurtz Synovectomy Rongeur
15 cm / 6"



AK-OI-1615

Kleinert Kurtz Synovectomy Rongeur 15 cm / 6”



AK-OI-1616

Kleinert Kurtz Synovectomy Rongeur 15 cm / 6”

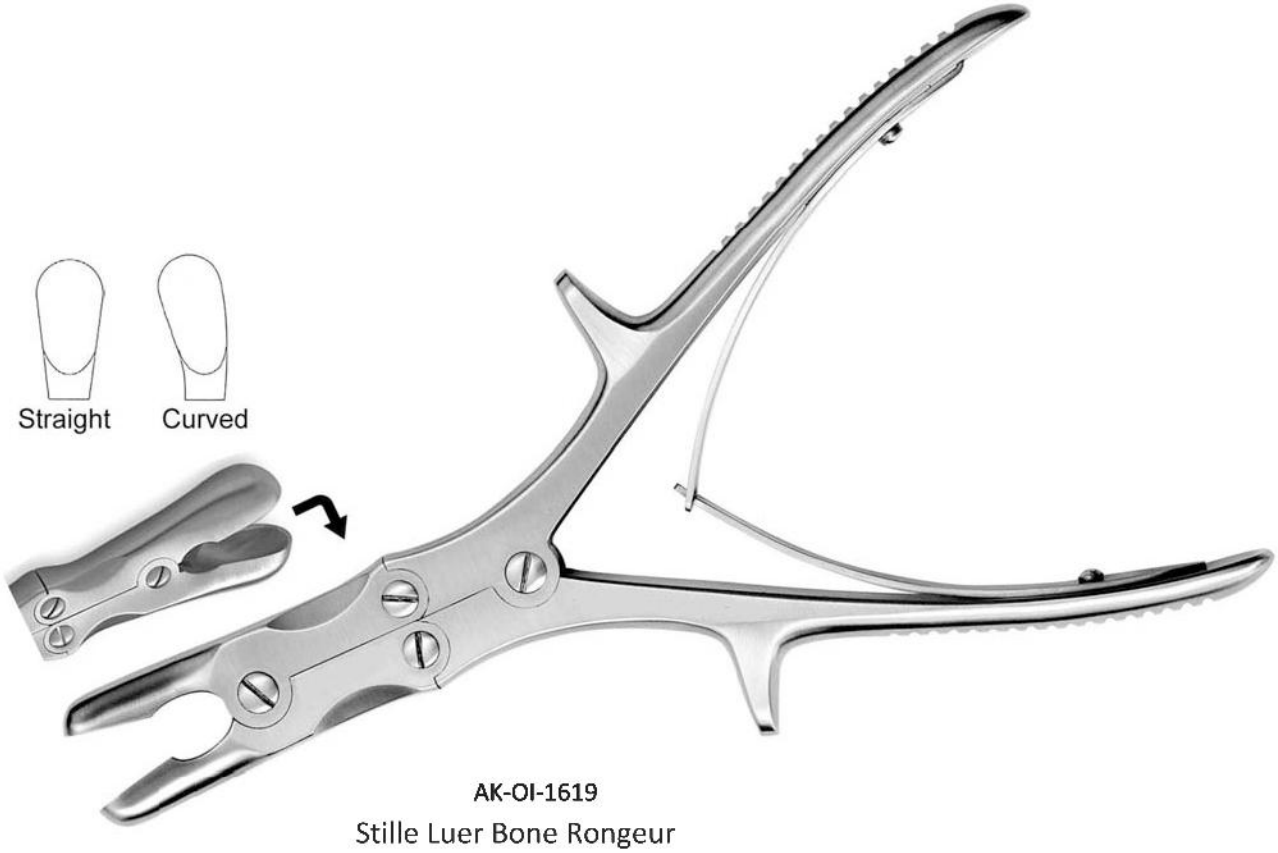
AK-OI-1617

Semb Bone Rongeur 23.5 cm / 9 ¼”

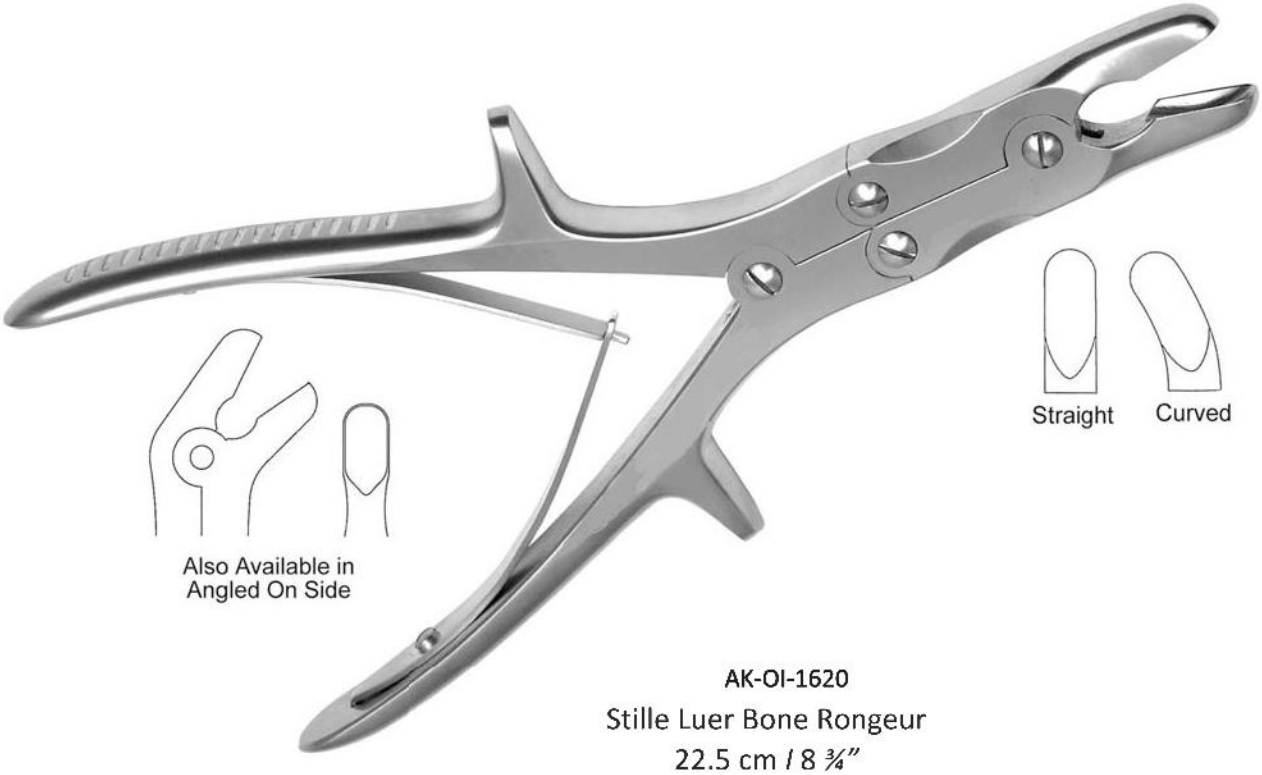
AK-OI-1618

Stille Ruskin Bone Rongeur

23.5 cm / 9 ¼”

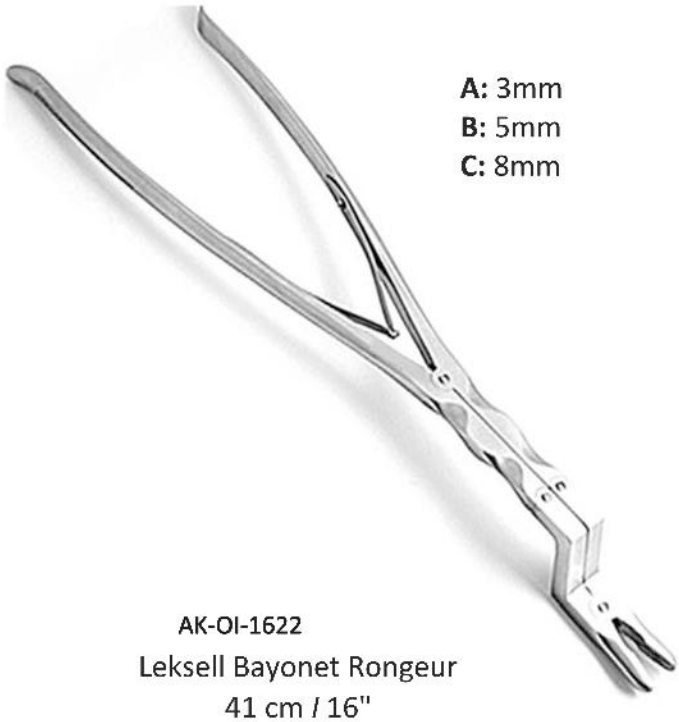


AK-OI-1619
Stille Luer Bone Rongeur
26.5 cm / 10 ½"

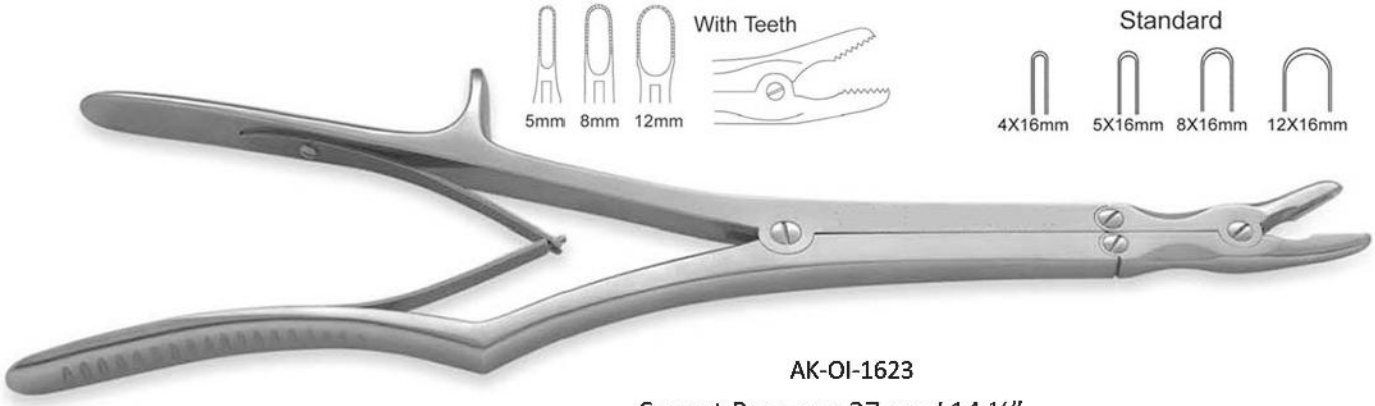


AK-OI-1620
Stille Luer Bone Rongeur
22.5 cm / 8 ¾"

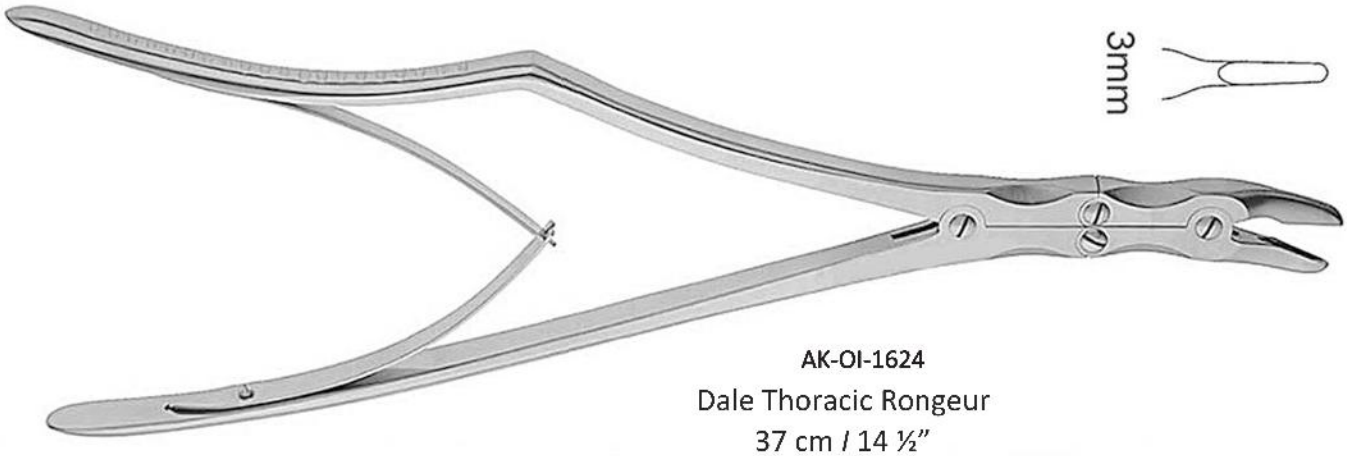
AK-OI-1621
Mainz Long Neck Bone Rongeur
18 cm / 7”



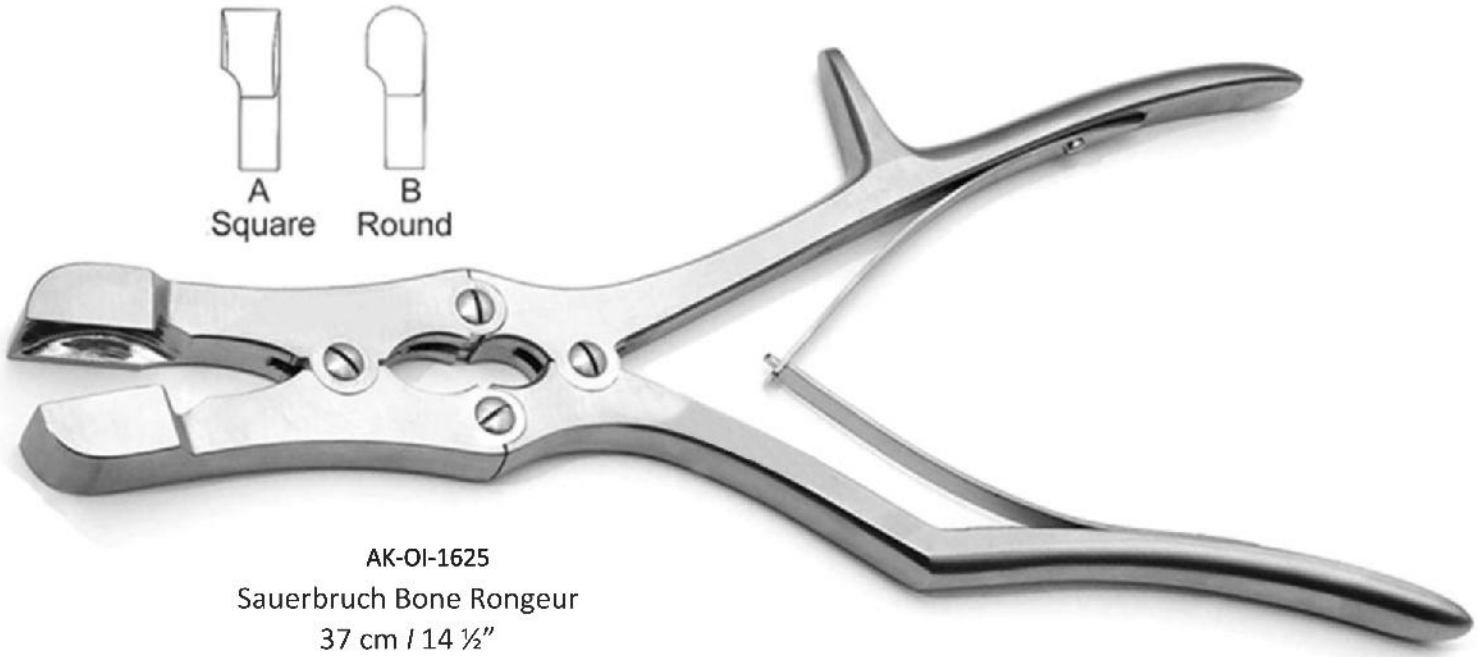
AK-OI-1622
Leksell Bayonet Rongeur
41 cm / 16"



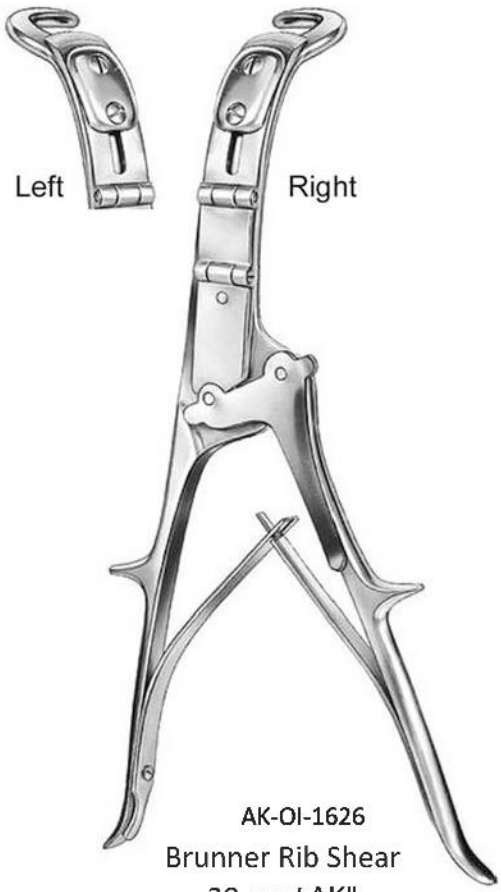
AK-OI-1623
Sypert Rongeur 37 cm / 14 ½”



AK-OI-1624
Dale Thoracic Rongeur
37 cm / 14 ½”



AK-OI-1625
Sauerbruch Bone Rongeur
37 cm / 14 ½"



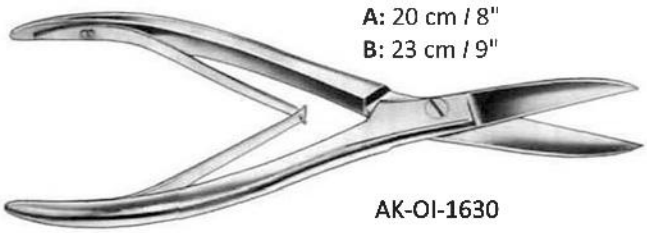
AK-OI-1626
Brunner Rib Shear
28 cm / AK"

AK-OI-1627
Sauerbruch Rib Shear
A: 23 cm / 9" | **B:** 26 cm / 10 ¼"

RIB SHEARS

AK-OI-1628
Giertz Stille Rib Shear
25 cm / 10"

AK-OI-1629
Rib Shear Double Spring 22 cm / 8 ¾"



A: 20 cm / 8"
B: 23 cm / 9"

AK-OI-1630
Rib Shear Double Spring

AK-OI-1631
Collin Rib Shear 17.5 cm / 7"

AK-OI-1632
Collin Rib Shear 17 cm / 6 ¾"

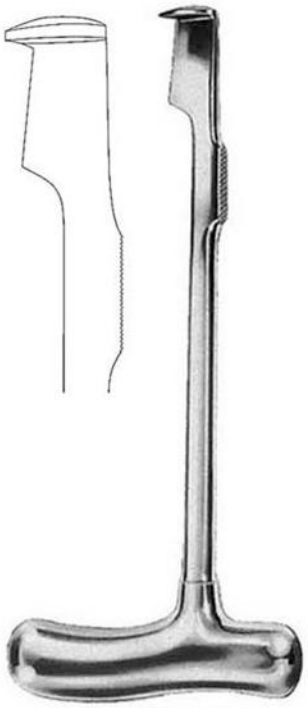
A: 16 cm / 6"
B: 18 cm / 7"
C: 20 cm / 8"
D: 23 cm / 9"

AK-OI-1633
Gluck Rib Shear

AK-OI-1634
Stille Rib Shear 21 cm / 8 ¼"

RIB SHEARS

AK-OI-1635
Labsche Rib Shear 25 cm / 10"

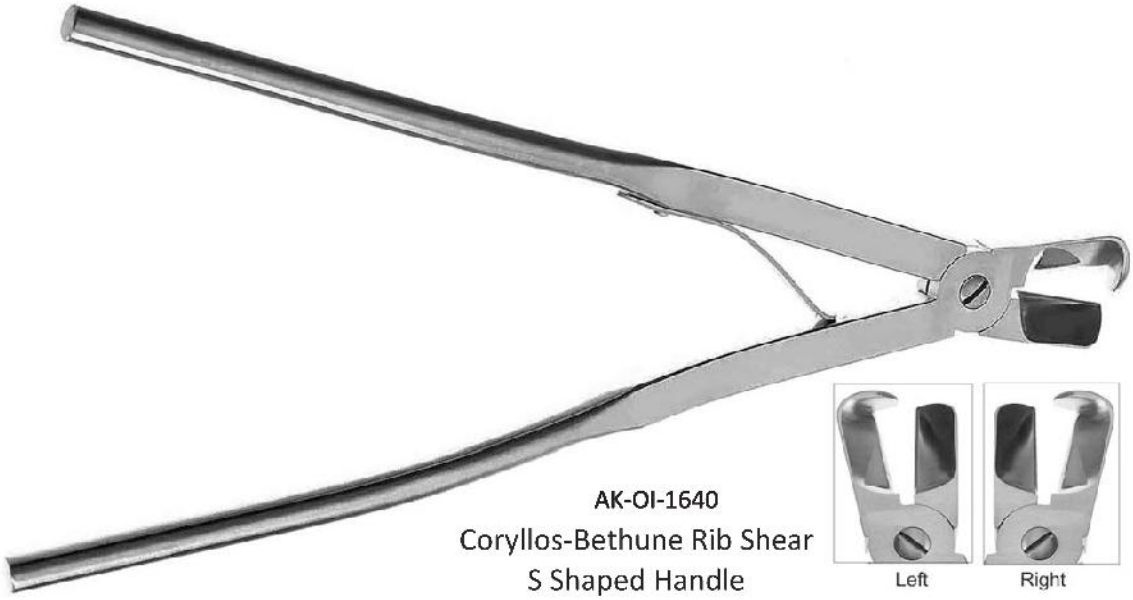


AK-OI-1636
T Handle Labsehe Sternum Chisel
24 cm / 9 ½"

AK-OI-1637
Rib Shear Sideward 17 cm / 6 ¾"

AK-OI-1638
Bethune Rib Shear
S Shaped Handle
34 cm / 13 ½"

AK-OI-1639
Bethune Rib Shear
S Shaped Handle
34 cm / 13 ½"

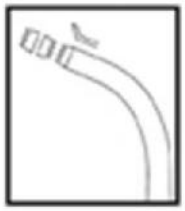


AK-OI-1640
Coryllos-Bethune Rib Shear
S Shaped Handle
35 cm I 13 ½"

AK-OI-1641
Roos Rib Shear
Right Angled Jaw *W/* Hook
33 cm / 13"

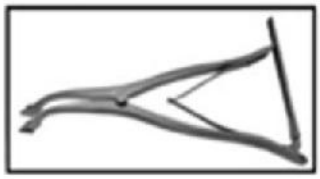
AK-OI-1642
INGE Spreader / Retractor

Available in 4X4 and 6X6 Teeth & Without Teeth (Plain)



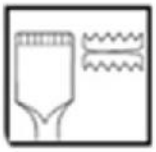
A: 4X4 Teeth
B: Without Teeth
16.5 cm / 6 ½"

C: 4X4 Teeth
D: Without Teeth
25.5 cm / 10"



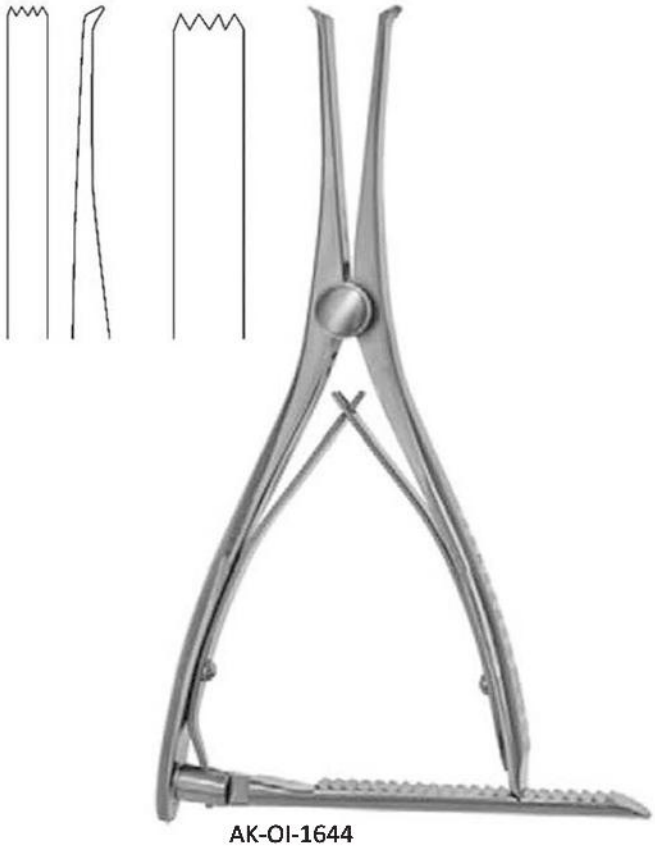
10 Inch Length Pattern

A: 6X6 Teeth
B: Without Teeth
27 cm / 10 ½"
Flat Blades



C: 6X6 Teeth
D: Without Teeth
27 cm / 10 ½"
Concave Blades

AK-OI-1643
Offset Lamina Spreader / Retractor
25.5 cm / 10"



AK-OI-1644

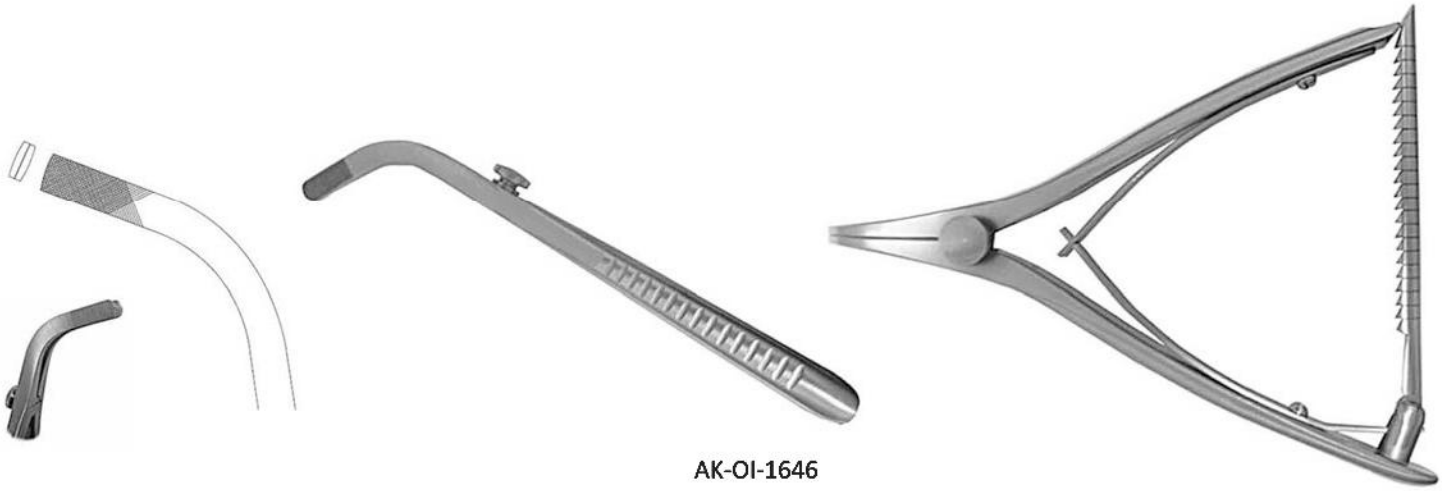
Vertibra Spreader / Retractor

A: 18 cm / 7" | **B:** 28 cm / 11"

AK-OI-1645

Inge Spreader

Serrated Outside Blades 18 cm / 7"



AK-OI-1646

Saxsena Lamina Spreader / Retractor

A: 18 cm / 7" | **B:** 25.5 cm / 10"

Serrated Outside Blades

AK-OI-1647
Calcaneal Spreader
Smooth Pads 15X12mm
18 cm / 7"

AK-OI-1648
Calcaneal Spreader
Grooved Pads 15X12mm
18 cm / 7"

AK-OI-1649
Lombardi Femoral Tibial Spreader (Small)
A: Grooved Pads 22X13mm 18 cm / 7"
B: Diamond Cut Pads 22x13mm / 7"

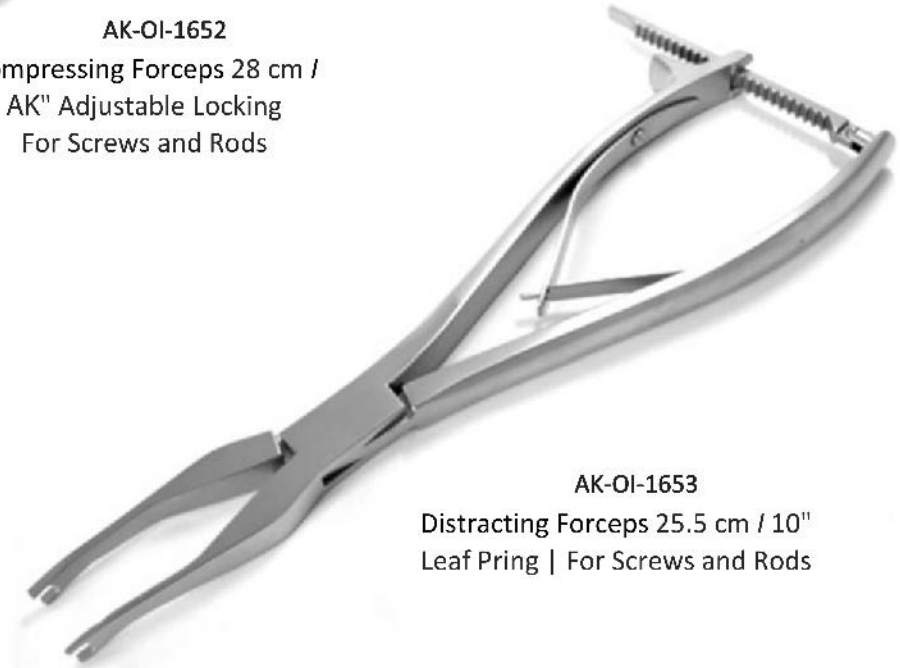
B: Damond Cut Pads 22X13mm

B: Damond Cut Pads 22X13mm

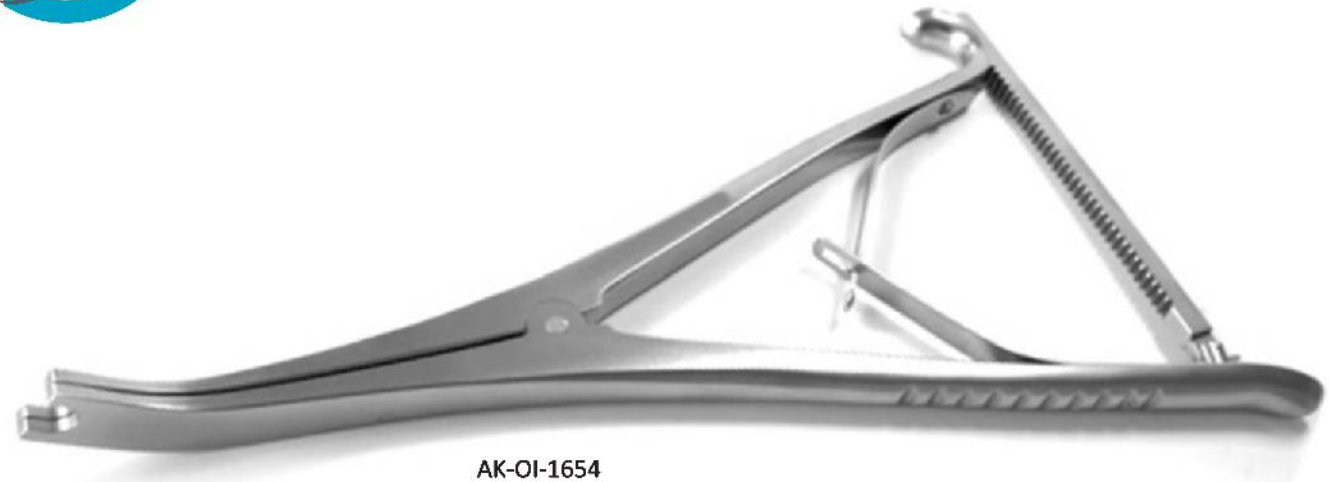
AK-OI-1650
Lombardi Femoral Tibial Spreader (Large)
A: Grooved Pads 22X13mm 23.5 cm / 9 ¼"
B: Diamond Cut Pads 22x13mm / 9 ¼"

AK-OI-1651
Distracting Forceps 23 cm / 9"
Long Ratchet / Spiral Pring
For Screws and Rods

AK-OI-1652
Compressing Forceps 28 cm /
AK" Adjustable Locking
For Screws and Rods



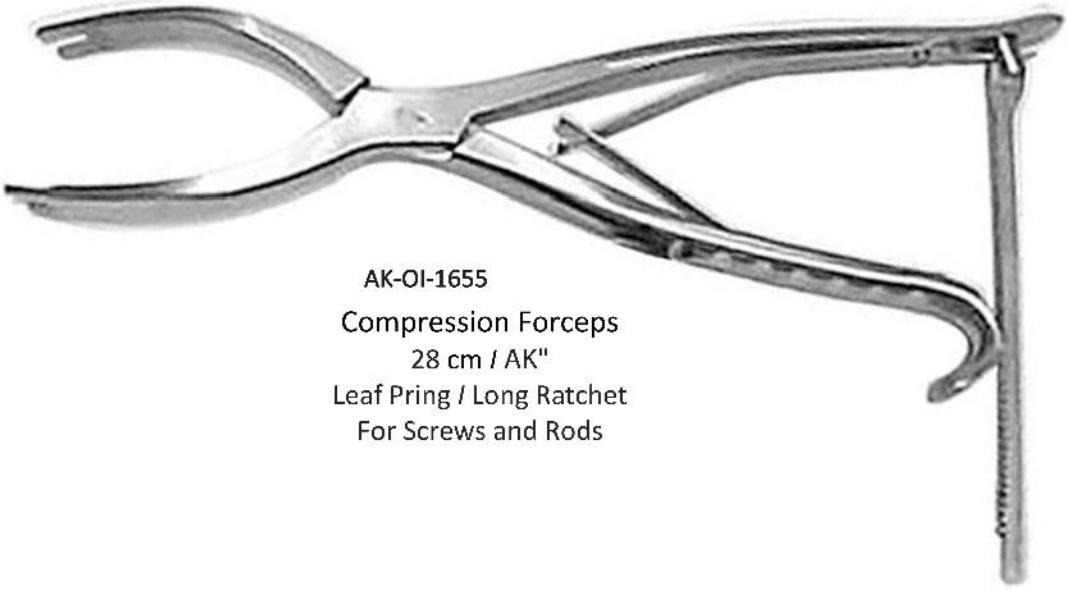
AK-OI-1653
Distracting Forceps 25.5 cm / 10"
Leaf Pring | For Screws and Rods



AK-OI-1654

Distractor 25.5 cm / 10"

Leaf Pring | For Screws and Rods



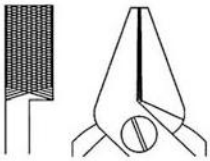
AK-OI-1655

Compression Forceps

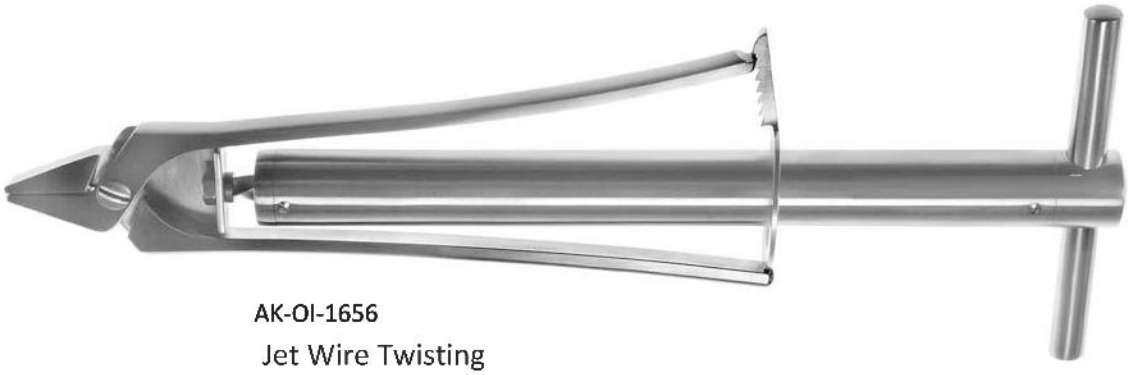
28 cm / AK"

Leaf Pring / Long Ratchet

For Screws and Rods



Non TC

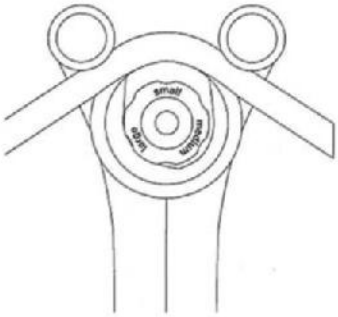


AK-OI-1656

Jet Wire Twisting

Device 28 cm / AK" -

10mm Tip

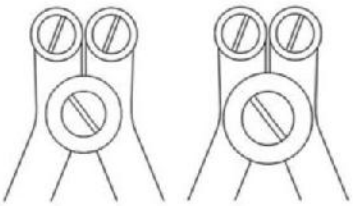


AK-OI-1657

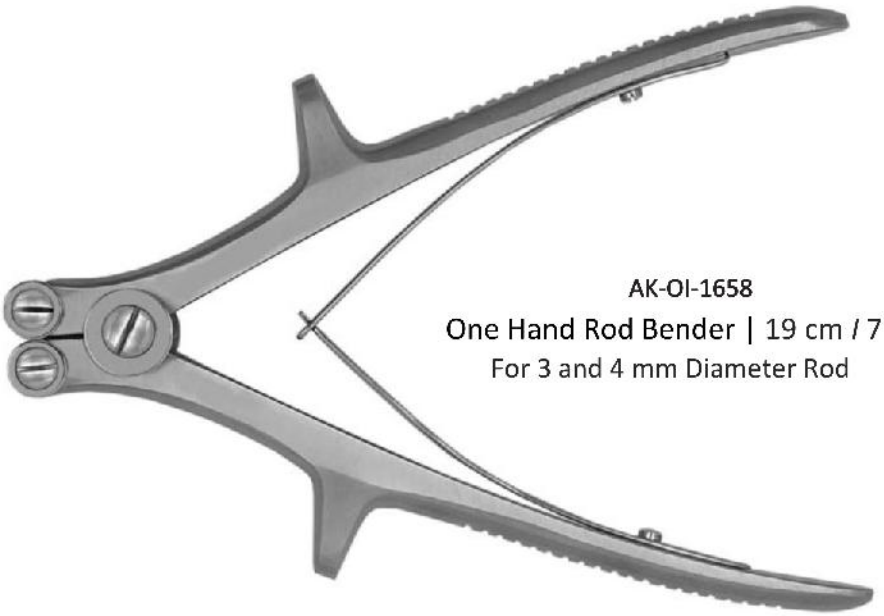
French Style Rod Bender

28 cm / AK" | Roller Type

For Small / Medium / Large Bends



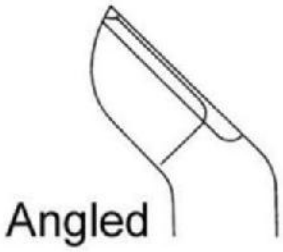
For 4mm Rod For 3mm Rod

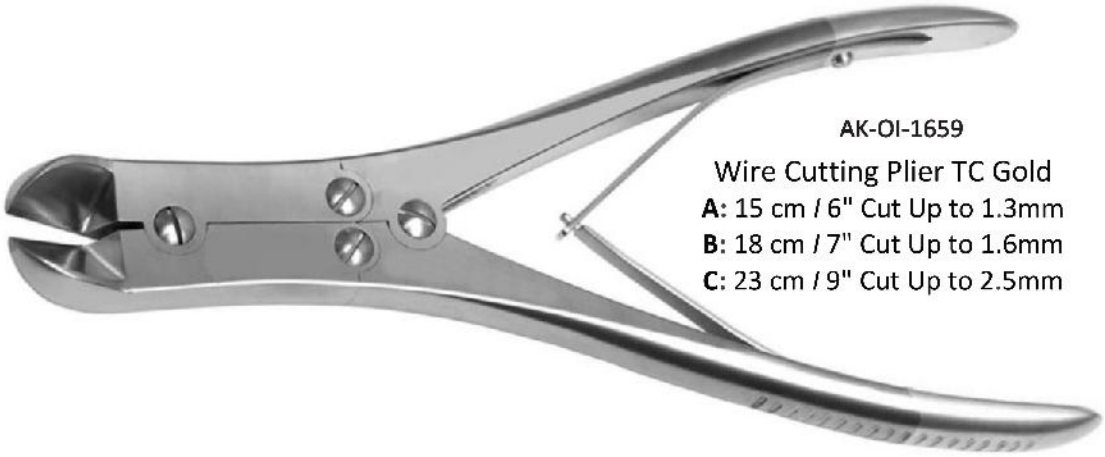


AK-OI-1658

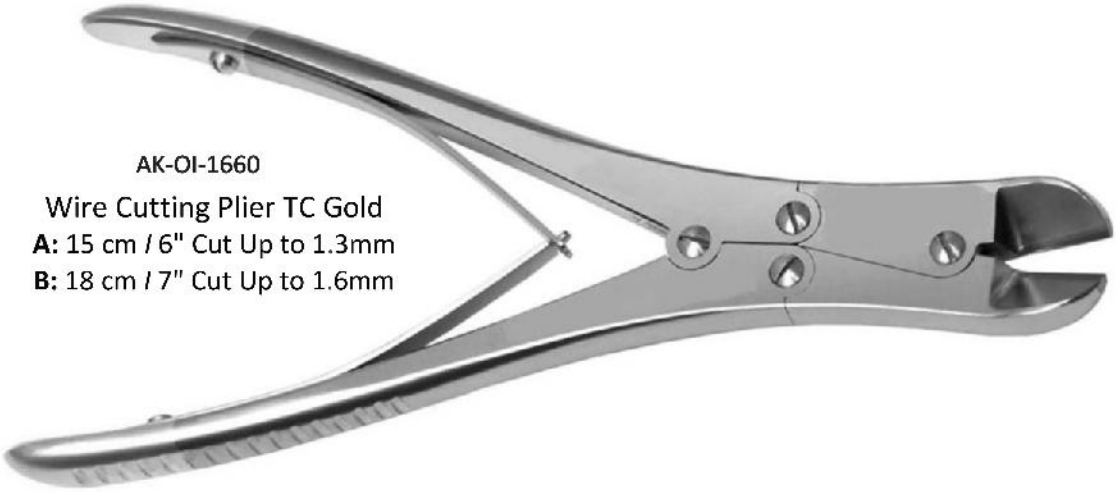
One Hand Rod Bender | 19 cm / 7"

For 3 and 4 mm Diameter Rod

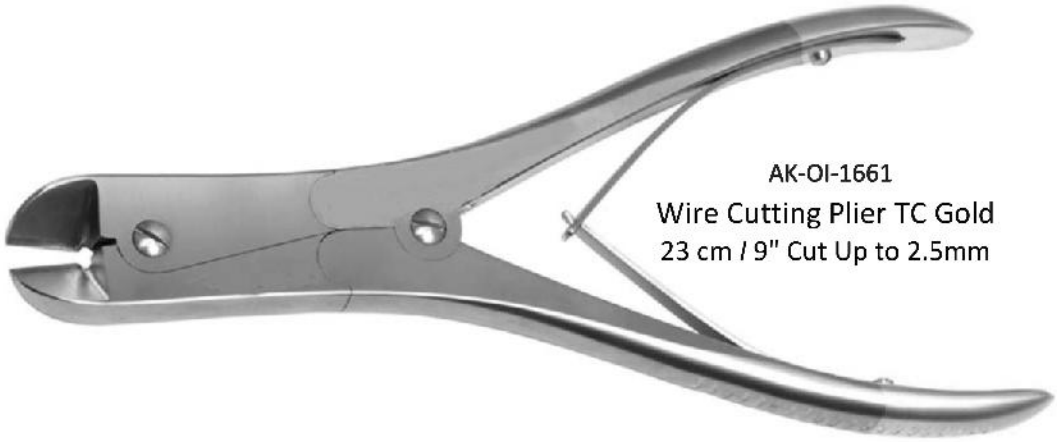




AK-OI-1659
Wire Cutting Plier TC Gold
A: 15 cm / 6" Cut Up to 1.3mm
B: 18 cm / 7" Cut Up to 1.6mm
C: 23 cm / 9" Cut Up to 2.5mm



AK-OI-1660
Wire Cutting Plier TC Gold
A: 15 cm / 6" Cut Up to 1.3mm
B: 18 cm / 7" Cut Up to 1.6mm



AK-OI-1661
Wire Cutting Plier TC Gold
23 cm / 9" Cut Up to 2.5mm

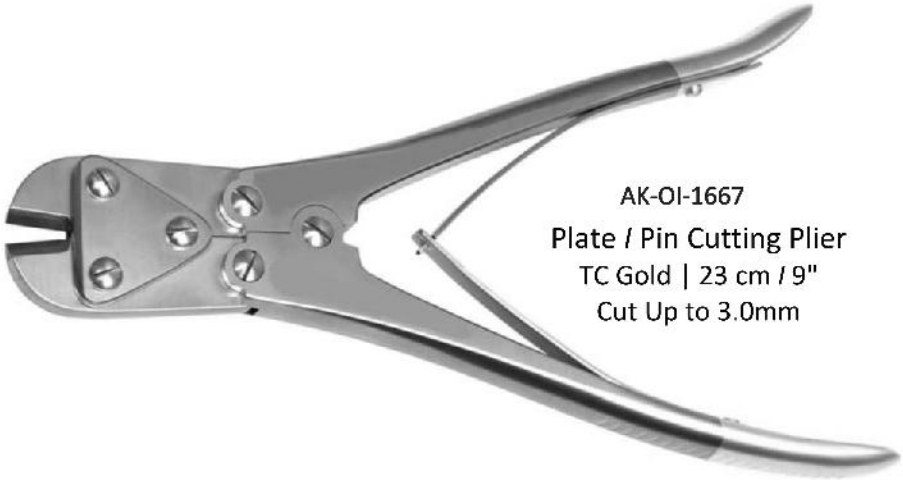
AK-OI-1662
Wire Cutting Plier TC Gold
18 cm / 7" Cut Up to 1.6mm

AK-OI-1663
Cannulated Pin Cutter TC Gold
18 cm / 7" Cut Up to 1.5mm

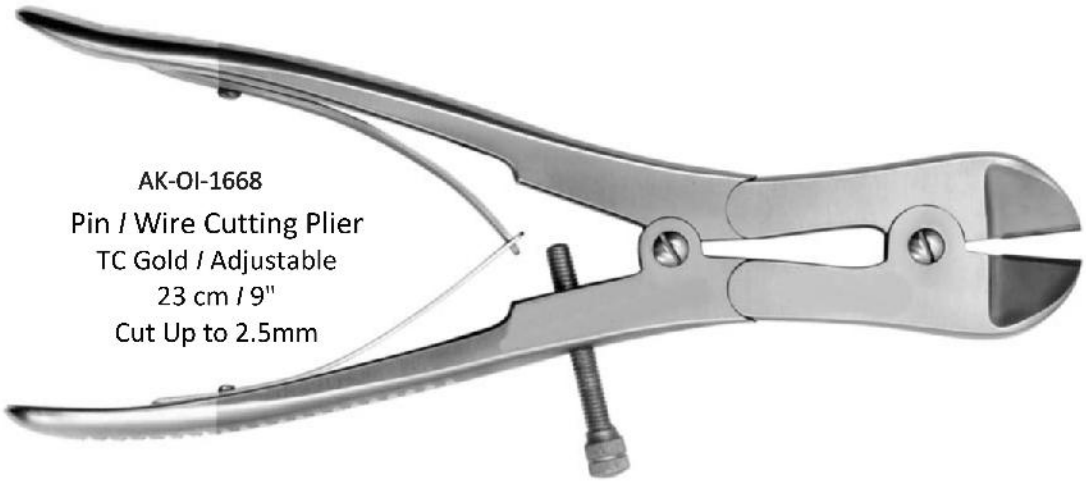
AK-OI-1664
Front End Wire Cutting Plier
TC Gold 15 cm / 6"
Cut Up to 1.3mm

AK-OI-1665
Front End Wire Cutting Plier
TC Gold 23 cm / 9"
Cut Up to 2.5mm

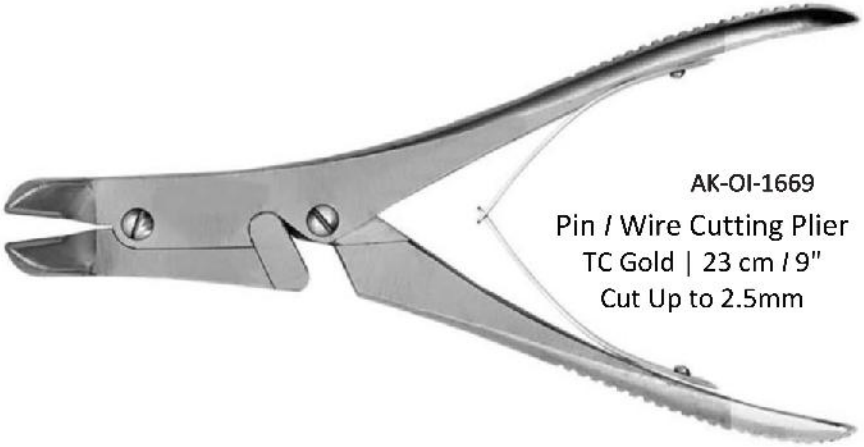
AK-OI-1666
Front End Wire Cutting Plier
TC Gold 23 cm / 9"
Cut Up to 2.5mm



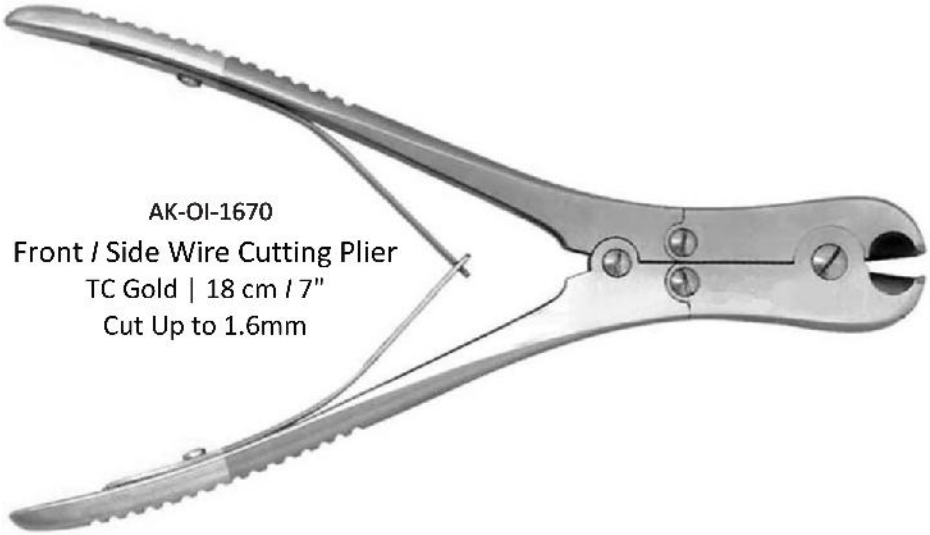
AK-OI-1667
Plate / Pin Cutting Plier
TC Gold | 23 cm / 9"
Cut Up to 3.0mm



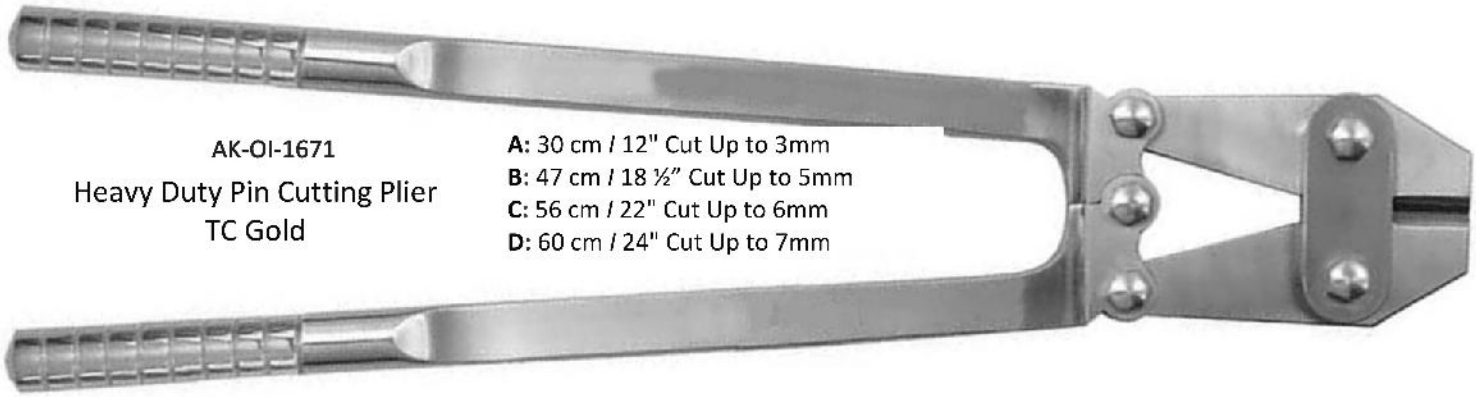
AK-OI-1668
Pin / Wire Cutting Plier
TC Gold / Adjustable
23 cm / 9"
Cut Up to 2.5mm



AK-OI-1669
Pin / Wire Cutting Plier
TC Gold | 23 cm / 9"
Cut Up to 2.5mm



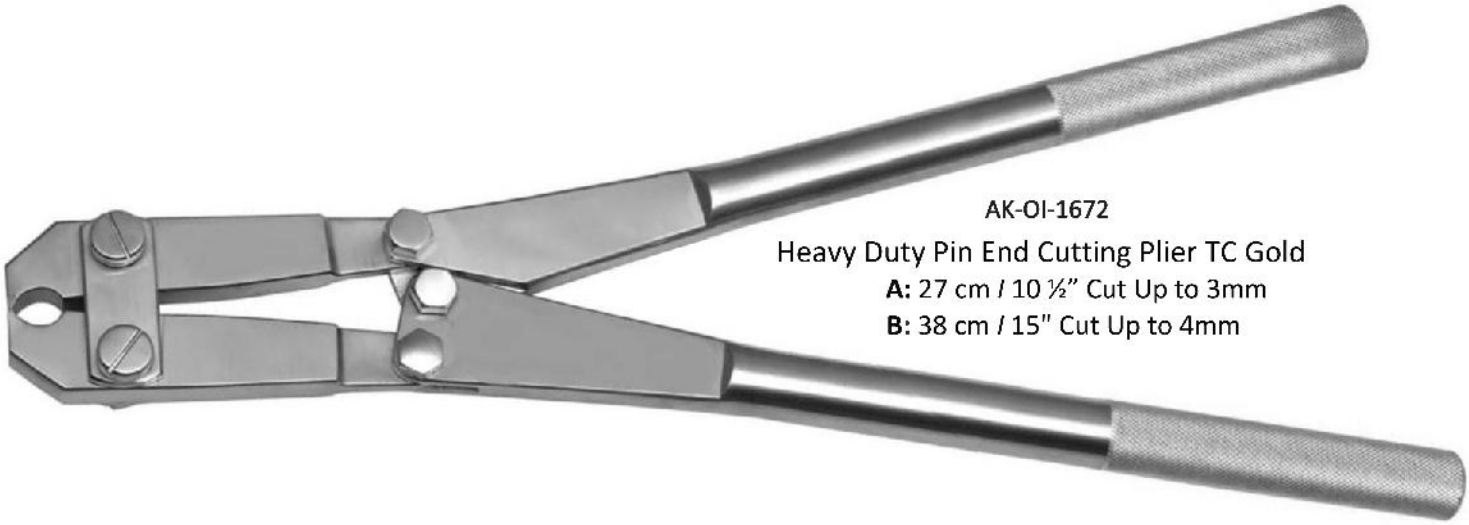
AK-OI-1670
Front / Side Wire Cutting Plier
TC Gold | 18 cm / 7"
Cut Up to 1.6mm



AK-OI-1671

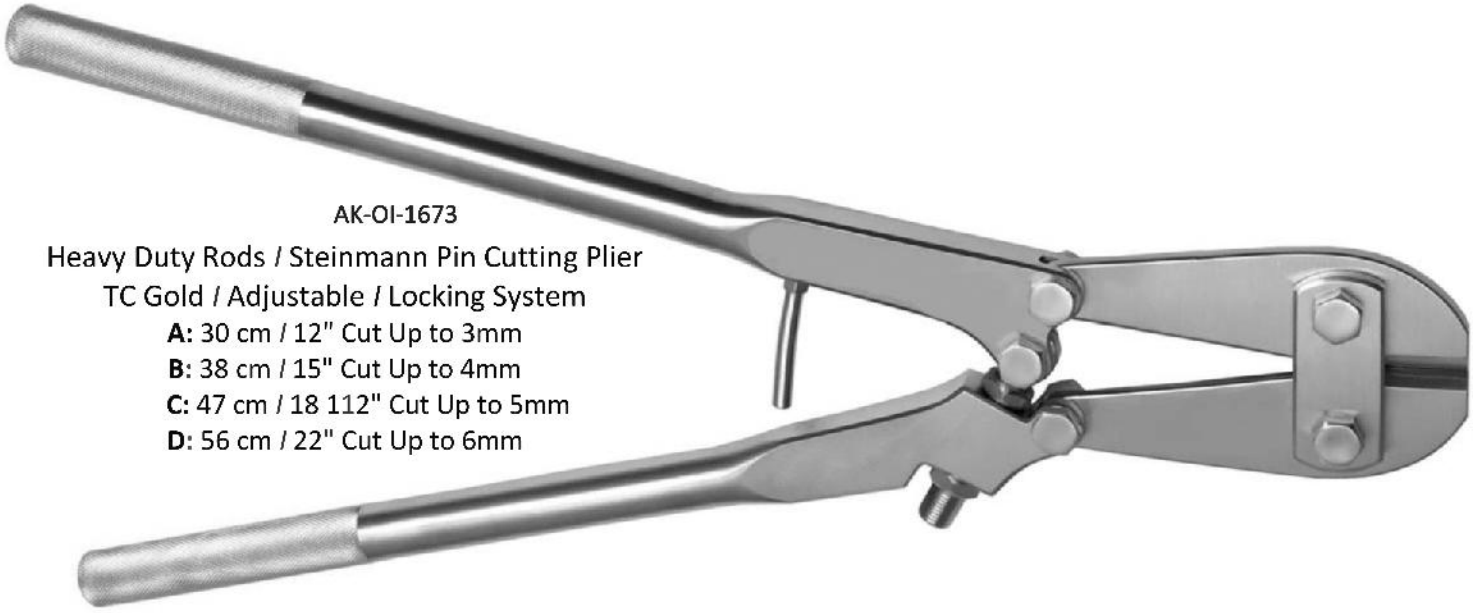
Heavy Duty Pin Cutting Plier
TC Gold

A: 30 cm / 12" Cut Up to 3mm
B: 47 cm / 18 ½" Cut Up to 5mm
C: 56 cm / 22" Cut Up to 6mm
D: 60 cm / 24" Cut Up to 7mm



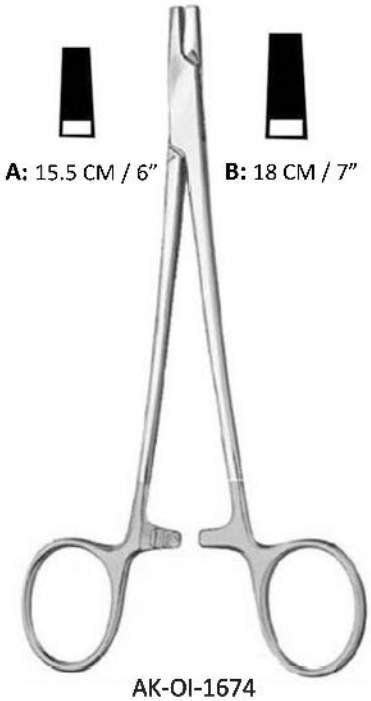
AK-OI-1672

Heavy Duty Pin End Cutting Plier TC Gold
A: 27 cm / 10 ½" Cut Up to 3mm
B: 38 cm / 15" Cut Up to 4mm

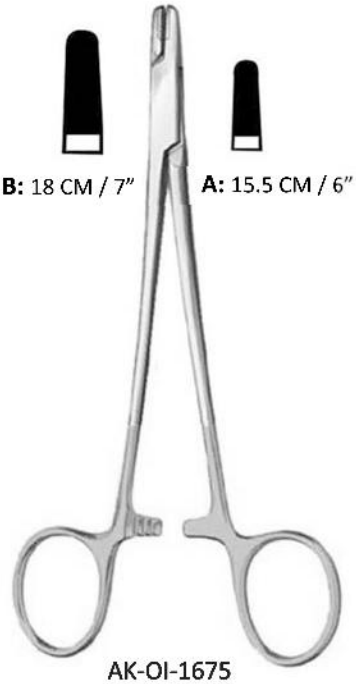


AK-OI-1673

Heavy Duty Rods / Steinmann Pin Cutting Plier
TC Gold / Adjustable / Locking System
A: 30 cm / 12" Cut Up to 3mm
B: 38 cm / 15" Cut Up to 4mm
C: 47 cm / 18 112" Cut Up to 5mm
D: 56 cm / 22" Cut Up to 6mm



AK-OI-1674
Wire Twisting Forceps

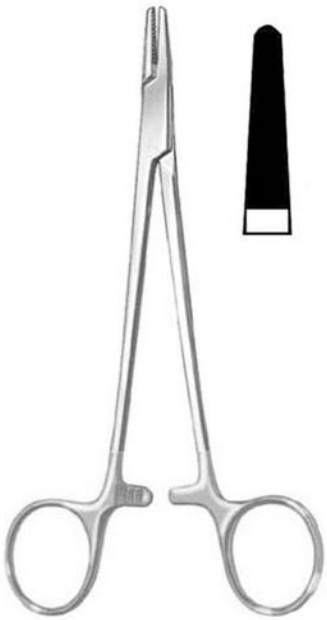


AK-OI-1675
Wire Twisting Forceps

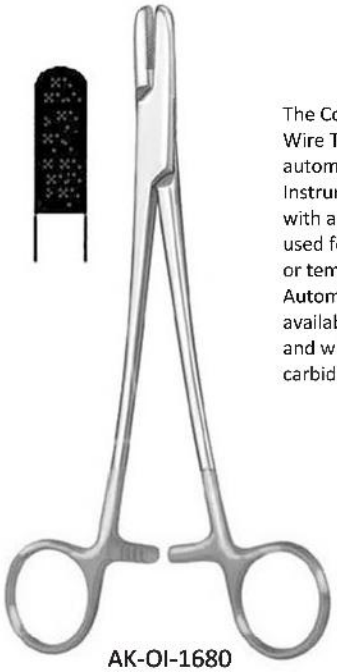
AK-OI-1676
Wire Twisting Forceps

AK-OI-1677
Corwin Combi-Wire Twisting Forceps 18.5 cm / 7 ¼"

AK-OI-1678
Wire Twisting Forceps
15.5 cm / 6"

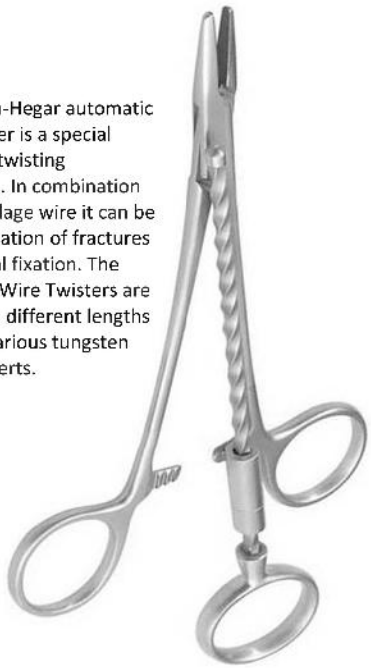


AK-OI-1679
Wire Twisting Forceps
16 cm / 6 ¼"



AK-OI-1680
Wire Twisting Forceps
Heavy Pattern
19 cm / 7 ½"

The Corwin-Hegar automatic Wire Twister is a special automatic twisting Instrument. In combination with a cerclage wire it can be used for fixation of fractures or temporal fixation. The Automatic Wire Twisters are available in different lengths and with various tungsten carbide inserts.

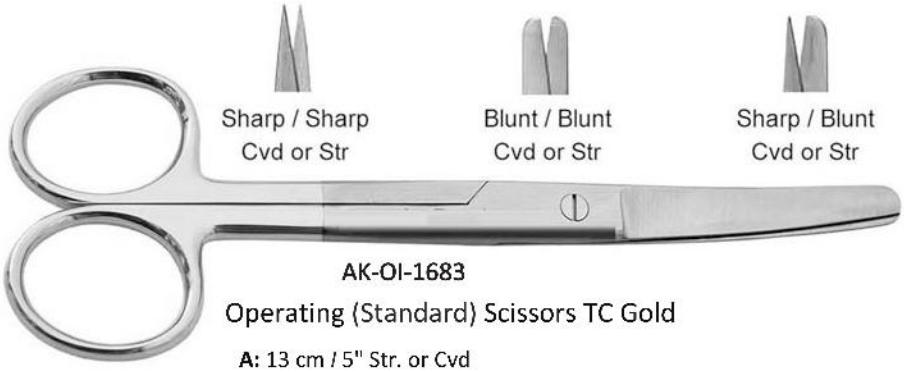


AK-OI-1681
Corwin-Hegar
Auto Wire Twisting Forceps
15 cm / 6"

Blunt / Blunt

A: 14.5 cm / 5 ¾" Str or Cvd
B: 17 cm / 6 ¾" Str or Cvd
C: 23 cm / 9" Str or Cvd

AK-OI-1682
Mayo Scissors TC Gold



AK-OI-1683
Operating (Standard) Scissors TC Gold

A: 13 cm / 5" Str. or Cvd
B: 14 cm / 5 112" Str. or Cvd
C: 15.5 cm / 6 112" Str. or Cvd
D: 18 cm / 7" Str. or Cvd

Blunt / Blunt

A: 14.5 cm / 5 ¾" Str. or Cvd.
B: 17 cm / 6 ¾" Str. or Cvd.
C: 23 cm / 9" Str. or Cvd.

AK-OI-1684
Mayo Stille Scissors TC Gold

A: 14 cm / 5 ½" Str. or Cvd
B: 17 cm / 6 ¾" Str. or Cvd
C: 20 cm / 8" Str. or Cvd
D: 23 cm / 9" Str. or Cvd

Blunt / Blunt

AK-OI-1685
Metzenbaum Scissors TC Gold

Blunt / Blunt

A: 20 cm / 8" Str. or Cvd
B: 23 cm / 9" Str. or Cvd
C: 28 cm / 11" Str. or Cvd
D: 30 cm / 12" Str. or Cvd

AK-OI-1686
Mayo-Harrington Scissors TC Gold

AK-OI-1687
Ortho Universal Scissors TC Gold
12 cm / 4 1/3"

AK-OI-1688
Mayo-Nobel Scissors TC Gold
16.5 cm / 6 ½" Str. or Cvd

Drill Bits for Quick Coupling

AK-OI-1689

Drill bit 1.1mm dia.
for threaded hole for l.5mm screws
Drill bit l.5mm dia.
For threaded hole for 2.0mm screws and gliding hole for l.5mm Screws
Drill bit 2.0mm dia.
For threaded hole for 2.7mm dia.
For gliding hole for 2.7mm screws

Item	Diameter	Total length	Usable length
100.001	1.1mm	060mm	035mm
100.002	1.5mm	085mm	060mm
100.003	1.5mm	110mm	085mm
100.004	2.0mm	100mm	145mm
100.005	2.0mm	125mm	100mm
100.006	2.7mm	100mm	075mm
100.007	2.7mm	125mm	100mm
100.008	2.7mm	100mm	075mm
100.009	2.0mm	125mm	100mm

Drill bit 2.5mm dia.
For threaded hole for 3.5 and 4.0mm screws
Drill bit 3.Smm
for gliding hole for 3.5mm screws

Item	Diameter	Total length	Usable length
100.010	2.5mm	110mm	085mm
100.011	2.5mm	180mm	155mm
100.012	3.5mm	100mm	085mm
100.013	3.5mm	195mm	170mm

Drill bit 3.2mm dia.
For threaded hole for 4.5 and 6.Smm screws
Drill bit 4.mm dia.
For gliding hole for 4.5mm screws

Item	Diameter	Total length	Usable length
100.014	2.0mm	100mm	145mm
100.015	3.2mm	225mm	200mm
100.016	3.2mm	145mm	120mm
100.017	3.2mm	195mm	170mm
100.018	4.5mm	145mm	120mm
100.019	4.5mm	195mm	170mm

Drill Bit for Jacobs chuck

AK-OI-1690

Item	Diameter	Total length	Usable length
101.001	1.1mm	45mm	30mm
101.002	1.5mm	70mm	55mm
101.003	2.0mm	85mm	70mm
101.004	2.5mm	95mm	80mm
101.005	2.7mm	85mm	70mm
101.006	3.2mm	130mm	115mm
101.007	3.2mm	180mm	165mm
101.008	3.5mm	95mm	80mm
101.009	3.5mm	180mm	165mm
101.010	4.5mm	130mm	115mm
101.011	4.5mm	180mm	165mm

AK-OI-1691
Tap for 1.5mm Cortex Screws
Total length 50mm, thread length 20mm
predrilling 1.1mm dia.

AK-OI-1692
Tap for 6.5mm Cancellous Bone Screws
Length 195mm, predrilling 3.2mm dia.

AK-OI-1693
Tap for 4.0mm Cancellous Bone Screws
Total Length 110mm, Usable Length 85mm

AK-OI-1694
Tap Cannulated, for 7.0mm Cannulated Screws
Length 230mm

AK-OI-1695

Tap for 2.0mm Cortex Screws
Predrilling: 1.5mm dia.

Item	Thread	length
102.001	24mm	053mm
102.002	38mm	100mm

Tap for 2.7mm Cortex Screws
Predrilling: 2.0mm dia.

Item	Thread length	Total length
102.005	33mm	100mm
102.006	40mm	150mm

Tap for 3.5mm Cortex Screws
Predrilling: 2.5mm dia.

Item	Total length	Type
102.007	175mm	with length markings
102.008	110mm	thread length 50mm

Predrilling: 3.2mm

Item	Length	Type
102.003	125mm	thread length 70mm
102.004	175mm	with length markings

102.009
Tap for 3.5mm Cortex Screws
Total Length: 110mm
Thread Length: 50mm
Predrilling: 3.2mm dia.

102.010
Tap for 2.7mm Cortex Screws
Total length: 125mm
Thread length: 40mm
Predrilling: 2.0mm dia.

102.011
Tap for 4.5mm Cortex Screws
Total length: 125mm
Thread length: 70mm
Predrilling: 3.2mm dia.

AK-OI-1696
Countersink Shaft 1.5/2.0
Length 52mm, for mini quick coupling

AK-OI-1697
Router, for Jacobs chuck
Length 90mm

AK-OI-1698
Router, for quick coupling
Length 90mm

AK-OI-1699
Countersink Shaft 3.5mm
Length 72mm, for quick coupling,
to countersink the screw head

AK-OI-1700
Countersink, large
Length 180mm, for 4.5mm cortex screws

AK-OI-1
Dountersink, cannulated, for 7.0mm cannulated Screws
Length 230mm

AK-OI-1701
Screwdriver Shaft, hexagonal, small
Length 100mm, for quick coupling
For 2.7 to 4.0mm screws.

AK-OI-1702
Screwdriver Shaft, Hexagonal, large
Length 100mm, final tightening of the screw has to be done by hand.

AK-OI-1703
Screwdriver Shaft, hexagonal, with Holding Sleeve
For 1.5 and 2.0mm stainless steel screws
With hexagonal socket,

AK-OI-1704
Screwdriver Shaft, cruciform, 1.5/ 2.0, with Holding Sleeve
Length 50mm, for 1.5 and 2.0mm

AK-OI-1705
T-Handle with Coupling
Length: 80mm, for taps

AK-OI-1706
Screwdriver, hexagonal, with T-Handle,
Large to loosen tight screws.
A normal screwdriver can be additionally inserted in the hollow shaft of the T-handle.

AK-OI-1707
Handle with mini quick coupling

AK-OI-1708
Hand Chuck for Kirschner Wires
Length 145mm, Spannbereich 0.6 to 1.6mm dia.

AK-OI-1709
Handle with quick coupling
Length 110mm, for countersinks and
Instruments for the removal of damaged screws

AK-OI-1710
Handle, small, with mini quick coupling

AK-OI-1711
Handle, medium, with mini quick coupling

AK-OI-1712
Handle, Large, with mini quick coupling

AK-OI-1713
Screwdriver, hexagonal, small with groove
Length 200mm, for 2.7 to 4.0mm screws

AK-OI-1714
Screwdriver with Universal Joint, large
Length 290mm

AK-OI-1715
Screwdriver, hexagonal, large, with groove
Length 240mm

AK-OI-1716
Screwdriver, hexagonal, with Holding Sleeve,
Length 165mm for 1.5 and 2.0mm stainless
Steel screws with hexagonal socket

AK-OI-1718
Screwdriver, hexagonal, small, with Holding Sleeve
Length 200mm

AK-OI-1719
Holding Sleeve for Mini Screws single

AK-OI-1720
Holding Sleeve

AK-OI-1722
Allen Key, hexagonal, angled
For 4.5 to 7.0mm screws

AK-OI-1721 Holding
Sleeve single

AK-OI-1723
Allen Key, hexagonal, small, angled
Length 65mm, for 2.7 to 4.0mm screws

AK-OI-1724
Insert Drill Sleeve 3.5/2.5
Length 42mm, drill bit 2.5mm dia.

AK-OI-1725
Insert Drill Sleeve 4.5/3.2
Length 80mm for long lag screws

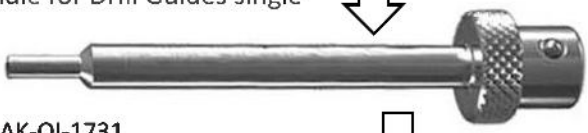
AK-OI-1726
Trocar 2.0mm dia., Length 118mm, for percutaneous insertion of 7.0mm cannulated screws

AK-OI-1727
Drill Sleeve 8.0/4.5
Length 100mm, for percutaneous insertion of 7.0mm cannulated screws

AK-OI-1728
Drill Sleeve 4.5/ 2.0
Length 109mm, for percutaneous insertion of 7.0mm cannulated screws

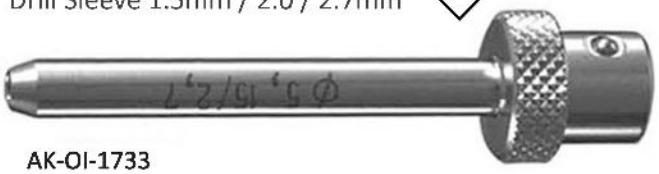
AK-OI-1729
Handle for Drill Guides single

AK-OI-1730
Handle for Drill Guides single



AK-OI-1731
Drill Sleeve 1.5mm / 2.0 / 2.7mm

AK-OI-1732
Drill Sleeve 3.0 with point length 55mm



AK-OI-1733
Drill Sleeve 2.7

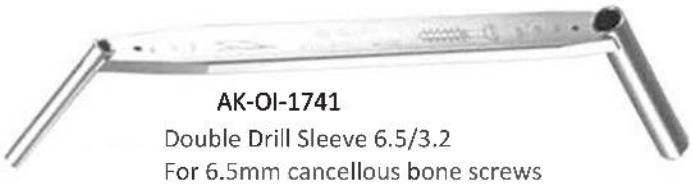
AK-OI-1734
Double Drill Sleeve 1.5/101
For 1.5mm cortex screws
Drill bits, 1.5 and 1.1mm dia.

AK-OI-1735
Double Drill Sleeve 2.0/1.5 for 2.7mm cortex screw

AK-OI-1738
Double Drill Sleeve 2.7/2.0
For 2.7mm cortex screws

AK-OI-1739
Double Drill Sleeve 3.5/2.5
For 3.5mm cortex screws and 4.0mm cancellous bone screws
Drill bits 3.5 and 2.5 dia.,

AK-OI-1740
Double Drill Sleeve 4.5/3.2
For 4.5mm cortex screws
Drill bits: 4.5 and 3.2mm dia.



AK-OI-1741
Double Drill Sleeve 6.5/3.2
For 6.5mm cancellous bone screws
Drill bit: 3.2mm dia.

AK-OI-1742
Universal Drill Sleeve 2.7
Drill bits 2.0 and 2.7mm dia.,
Suitable for LC-DCP and round hole plates.

AK-OI-1743
Universal Drill Guide 3.5
Drill bit 2.5 and 3.5mm dia., and tissue protection
Suitable for LC-DCP and round hole plates.

AK-OI-1744
Universal Drill Guide 4.5/3.2
Drill bits 3.2 and 4.5mm dia.

AK-OI-1745
DCP Drill Guide 2.0
For neutral and load position
Drill bit 1.5mm dia.

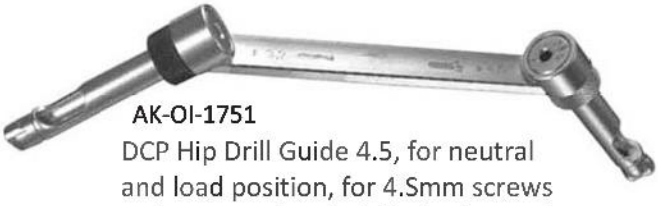
AK-OI-1746
DCP Drill Guide 2.7
For neutral and load position
Drill bit 2.0mm dia.

AK-OI-1747
DCP Drill Guide 3.5
For neutral a load position, drill bit 2.5m dia.

AK-OI-1748
DCP Drill Guide 4.5
For neutral and load position, drill bit 3.2mm dia.

AK-OI-1749
LC-DCP Drill Guide 3.5
For neutral a load position, drill bit 2.5mm dia.

AK-OI-1750
LC-DCP Drill Guide 4.5
For neutral and load position, drill bit 3.2mm dia.



AK-OI-1751
DCP Hip Drill Guide 4.5, for neutral and load position, for 4.5mm screws with DHS and angled blade plates, sleeve length 60mm, drill bit 3.2mm dia.

AK-OI-1752
Triple Drill Sleeve 2.0
with 3 holes, opposite side 1 hole

AK-OI-1753
DCP Mandible Drill Guide 2.7 short
drill bit 2.0mm dia.

AK-OI-1754
DCP Mandible Drill Guide 2.7 long
drill bit 2.0mm dia.

AK-OI-1755
Insert Drill Sleeve wit stop, for 4.5mm screws
adjustable length to limit drilling depth,
external dia. 4.5mm for drill bits of 3.2mm dia.

AK-OI-1756
Parallel drill Guide 4.5
For percutaneous insertion of 7.0mm cannulated screws

AK-OI-1757
Parallel Wire Guide 2.0mm dia.

AK-OI-1758
Depth Gauge for 2.7 to 4.0m screws
measuring range up to 60mm

AK-OI-1759
Bending Iron for plates 2.7 and 3.5
Length 150mm, slid widths 2.5 and 4.5mm, required paris
Slid placement: 4.5 / 2.5
Slid placement: 2.5/4.5

AK-OI-1760
Depth Gauge for 2.7 to 4.0mm screws measuring
range up to 60mm

AK-OI-1761
Depth Gauge for 4.5mm to 6.5mm screws measuring
range up to 110mm

AK-OI-1762
Bending Iron for plates 1.5 and 2.5
Length: 130mm, slid width: 2.5mm

AK-OI-1763
Bending Iron for Kirschner Wires
Length 120mm, for 1.25 to 2.5mm dia.

AK-OI-1764
Bending Iron for Kirschner Wires
Length 11Smm, for 0.8 to 1.25mm dia.

AK-OI-1765
Bending Iron for Reconstruction Plates 3.5 and 4.5
Length 190mm, required in paris

AK-OI-1766
Handle with Sleeve
with rotating drill guide and anchoring point

AK-OI-1767
Trocar Point, large

AK-OI-1768
Combination Wrench 11mm length 140mm

AK-OI-1769
Cheek Retractor Ring

AK-OI-1770
Pin Wrench, length 120mm, 4.5mm dia.
For tension device, distractor and knurled
nut of insertion handle for intramedullary nail

AK-OI-1771
Socket Wrench 11mm
Length 200mm

AK-OI-1772
Slotted Hammer
Length 270mm

AK-OI-1773
Inserter/Extractor, with Adjustable Clamps, length 270mm, for the insertion and extraction of angled plates for adults and hip plates for adolescents and children as well as tibial plateau osteotomy plates.

AK-OI-1774
Measuring Device
For drill bits, screws, Kirschner wires,
and Steinmann pins

AK-OI-1775
Inserter/Extractor
Length 175mm, for infant hip plate and mini hip plate.

AK-OI-1776
Bending Pliers for Reconstruction Plates 2.7 and 3.5
Length 240mm

AK-OI-1777
Bending Pliers for plate 2.4 to 4.0
Length 230mm

AK-OI-1778
Cutter for thin plates 1.5 to 2.7
Length 256mm

AK-OI-1779
Bending Pliers
For reconstruction plates 2.7,
Length 270mm, required in paris

AK-OI-1780
Cerclage Wire Tightener
Length 260mm
For twisting, for temporary fixation during reduction

AK-OI-1781
Bending Pliers for Plates

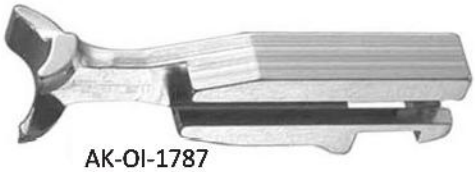
AK-OI-1782
Anvil, narrow

AK-OI-1783
Anvil, Large

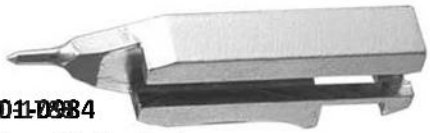
AK-OI-1784
Bending Press
Length 400mm

AK-OI-1785
Tension Device, articulated
Span 20mm, can also be used as a distractor.
Color scale: yellow up to 500N, green up to 1000N, red above 100N.

AK-OI-1786
Chisel Guide
With adjustable angle



AK-OI-1787
Blade with foot single



AK-OI-1788
Blade with tip single

AK-OI-1789
Forceps with Sliding Blades
Complete with two interchangeable blades
Length 155mm, weight 42 g, speed lock

AK-OI-1790
Wire Passer 45mm bending diameter

AK-OI-1791
Wire Passer 70mm bending diameter

AK-OI-1792
Holding Clip

AK-OI-1793
Wire Tightener
Length 240mm, with handle and two pegs

AK-OI-1794
Handle with quick coupling
Length 150 mm

AK-OI-1795
Cancellous Bone Impactor, curved, 6mm dia.
Length 140 mm

AK-OI-1796
Cancellous Bone Impactor, curved, 6mm dia.
Flattened, Length 140 mm

AK-OI-1797
Cancellous Bone Impactor, straight, 8 mm dia.
Length 140 mm

AK-OI-1798
Cancellous Bone Impactor, rectangular,
6x16mm, Length 140 mm

AK-OI-1799
Cancellous Bone Impactor, rectangular,
10x20mm, Length 140mm

AK-OI-1800
Cancellous Bone Impactor, rectangular,
10x30mm, Length 140 mm

AK-OI-1801
Rasp round
Length: 140 mm

AK-OI-1802
Rasp, half-round
Length: 140 mm

AK-OI-1803
Gouge, straight, 5mm wide
Length 140 mm

AK-OI-1804
Gouge, curved, 5mm wide
Length 140 mm

AK-OI-1805
Gouge, straight, 10 mm wide
Length 140mm

AK-OI-1806
Gouge, curved, 10 mm wide
Length 140 mm

AK-OI-1807
Gouge, curved, 15 mm wide
Length 140 mm

AK-OI-1808
Gouge, straight, 15 mm wide
Length 140 mm

AK-OI-1809
Chisel, flat, curved, 16 mm wide
Length 140 mm

AK-OI-1810
Chisel, flat, straight, 16 mm wide
Length 140 mm

AK-OI-1811
Chisel, flat, curved, 4 mm wide
Length 140 mm

AK-OI-1812
Chisel, flat, 20 mm wide
Length 140 mm

AK-OI-1813
Chisel, flat, curved, 8 mm wide
Length 140 mm

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