

ORTHOPEDIC INSTRUMENTS

BASIC ORTHOPEDIC INSTRUMENTS

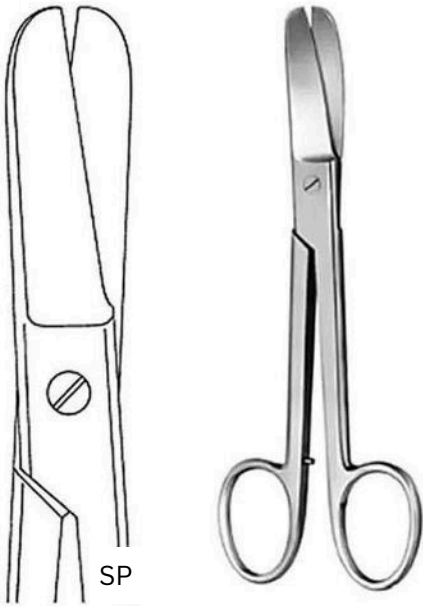
SPINAL INSTRUMENTS

TRAUMA INSTRUMENTS



MANUFACTURER OF HIGH-QUALITY ORTHOPEDIC SOLUTIONS

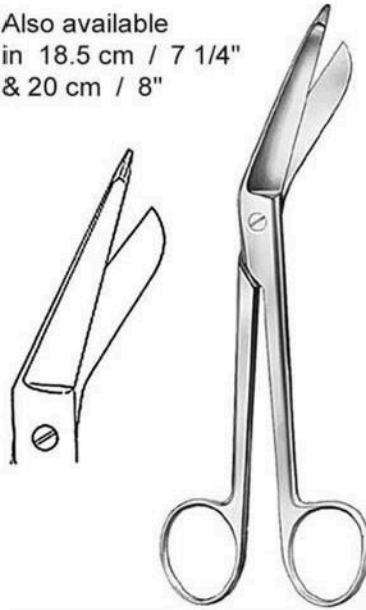
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SP-01-9001

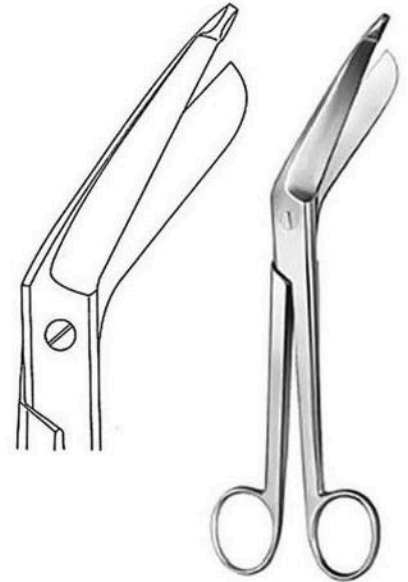
Lorenz Bandage Scissors
Heavy Pattern 23 cm / 9"

Also available
in 18.5 cm / 7 1/4"
& 20 cm / 8"



SP-01-9002

Lister Bandage Scissors
14.5 cm / 5 3/4"



SP-01-9003

Bergmann Plaster Shears
Heavy Pattern 23.5 cm / 9"



SP-01-9004

Esmarch Plaster Shears
Heavy Pattern, Short Blades
20 cm / 8"

Also available
in 18cm / 7 1/2"



SP-01-9005

Bandage Scissors
16cm / 6 1/4" Black Plastic Rings



SP-01-9005

Bruns Plaster Scissors 24 cm
9 1/2" One Serrated Cutting Edge



Also Available
26 cm / 10"
38 cm / 15"

SP-01-9006

Stille-Martin Plaster Shears
23 cm / 9"



SP-01-9007

Engel Plaster Saw 15.5 cm / 6"



SP-01-3156

Engel Plaster Saw 15.5 cm / 6"



SP-01-9008

Bergmann Plaster Saw 18 cm / 7"



SP-01-9009 Reiner Plaster Knife 18 cm / 7"



SP-01-9010 Hopkins Plaster Knife 20 cm / 8"



SP-01-9011 Esmarch Plaster Knife 18 cm / 7"



with wooden handle

SP-01-9012 Martin Plaster Knife 21 cm / 8 ¼"



SP-01-9013

Hermann Plaster Spreader
48 cm / 19" Heavy Pattern



SP-01-9014

Hennig Plaster Spreader
28 cm / 11"

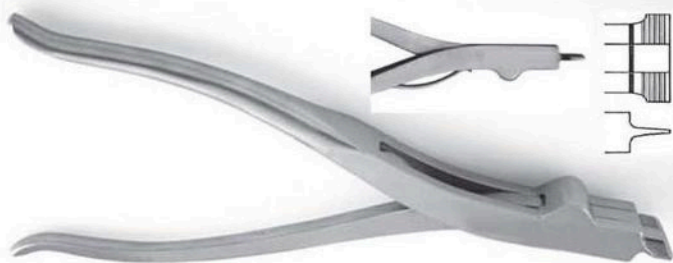


SP-01-9015

Hennig Plaster Spreader
30 cm / 12"



SP-01-9016 Beeson Plaster Spreader 1.5 in Blade 30 cm / 12"

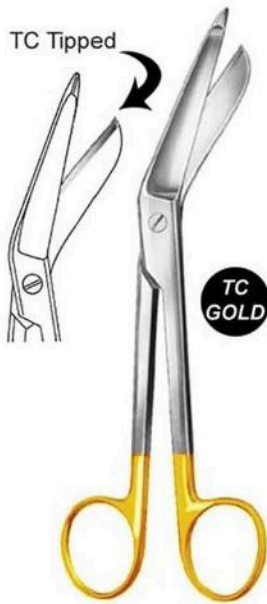


SP-01-9017 Walton Plaster Spreader w/Spring 3 Prongs 23 cm / 9"



SP-01-9018

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



SP-01-9020

Lister Bandage Scissors TC
18 cm / 7" cm / 13 3/4"



SP-01-9021

Bruns Plaster Scissors
24 cm / 9 1/2"

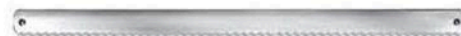


SP-01-9019

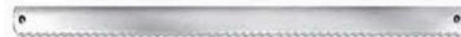
Charriere Amputation Saw 35 cm / 13 3/4"



A: 21.5 cm / 8 3/4" 12mm



B: 21.5 cm / 8 3/4" 15mm



C: 21.5 cm / 8 3/4" 18mm

Spare Saw Blades



SP-01-9023

BIER Amputation Saw 40.5 cm / 16"



A: 27 cm / 10 3/4" 4 mm wide



B: 27 cm / 10 3/4" 6 mm wide



C: 27 cm / 10 3/4" 8 mm wide



SP-01-9022

Langenbeck Amputation Saw 24.5 cm / 9 3/4"



SP-01-9023 Satterlee Amputation Saw

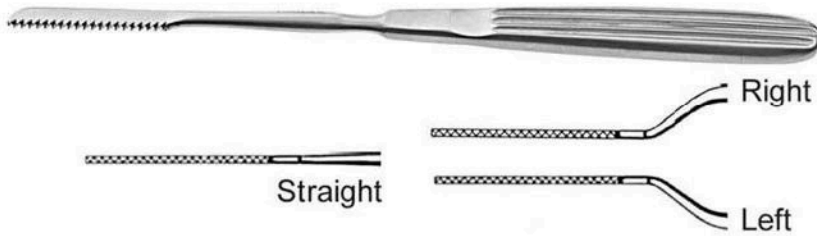
29 cm / 11 1/2"



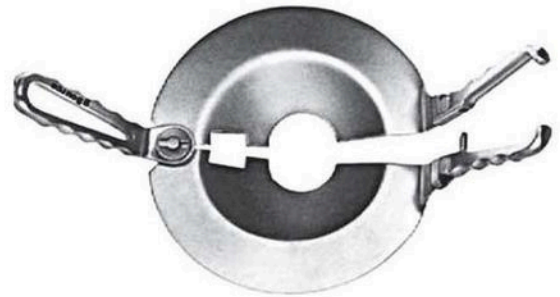
SP-01-9024 Charriere Amputation Saw 27 cm / 10 1/2"



SP-01-9025 Satterlee Amputation Saw 23 cm / 9"



SP-01-2268 Joseph Amputation Saw 18 cm / 7"



SP-01-9026

Percy Amputation Shield 30 cm / 12"



SP-01-9027

- 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**

SP-01-9030 Gigli Sold in Pair **SP-01-9031** Gigli Sold in Pair



**Gigli Saw Handles
SOLID**

SP-01-9032 Gigli Sold in Pair

SP-01-9033 Gigli Sold in Pair



SP-01-9028 BAILEY GIGLI SAW GUIDE 30 CM

SP-01-9029 POPPEN GIGLI SAW GUIDE 28 CM





SP-01-9031
Reamer
13.5cm / 5 1/4"



SP-01-9032
Perthes Reamer
18 cm / 7"



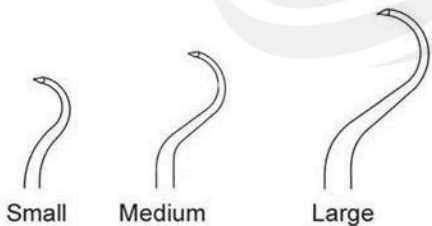
SP-01-9033
Perthes Reamer
21.5 cm / 8 1/2"



SP-01-9034
Reamer One concave
side 14 cm / 5 1/2"



SP-01-9035
Glenoid Punch
20 cm / 8"



SP-01-9036

Shoulder Percussion Awl A: 21.5cm / 8 1/2" B: 23.5cm / 9 1/4"



A: 20cm / 8"
19X27mm
Sharp

B: 23cm / 9"
15X20mm
Blunt

C: 23cm / 9"
15X20mm
Sharp

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

SP-01-9038 Volkman Bone Hook



SP-01-9040

Kuntscher Diamond Awl 28 cm / 11"

Pointed

SP-01-9039

Rush Awl / Reamer

A: 19 cm / 7 1/2" 2.5mm

B: 21 cm / 8 1/4" 3mm

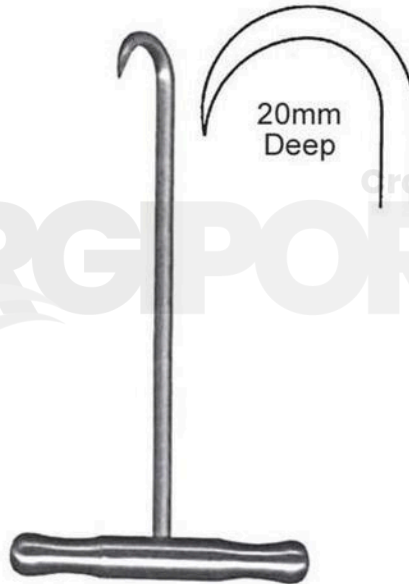
C: 21 cm / 8 1/2" 5mm

D: 26 cm / 10 1/2" 6mm



SP-01-9041

Bone Hook 23 cm / 9"



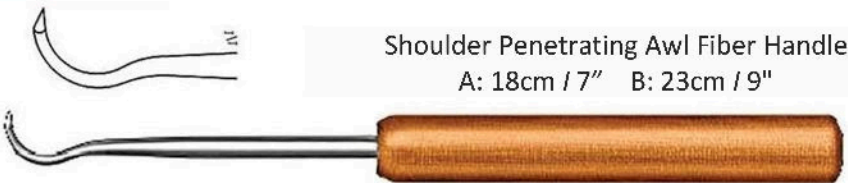
SP-01-9042

Bone Hook T Handle 20 cm / 8"



SP-01-9043

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

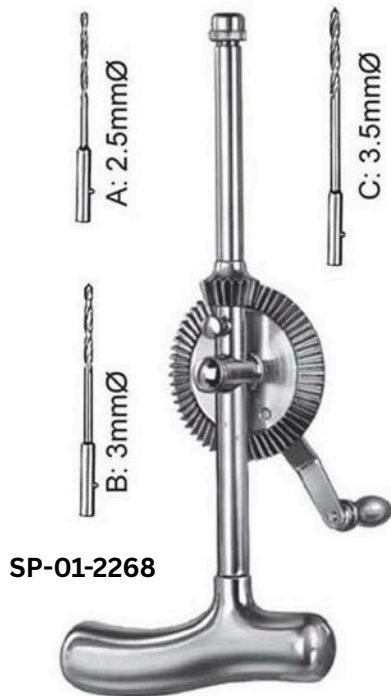


SP-01-9044



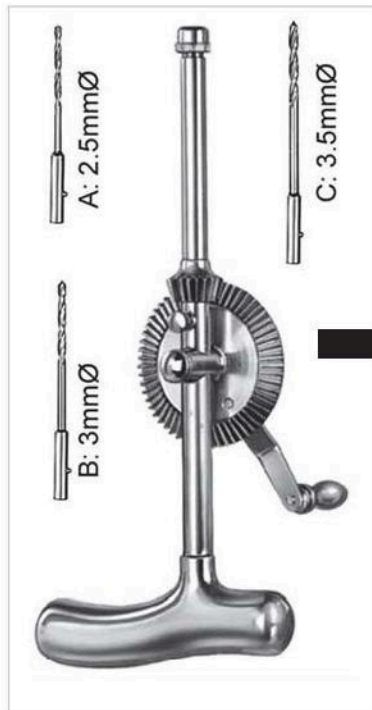
SP-01-9045

Pointed Awl Fiber Handle 25cm / 10"



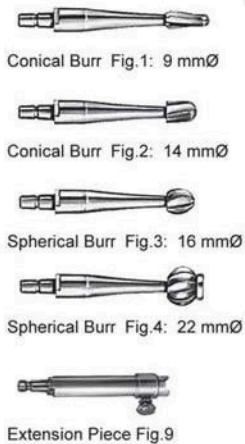
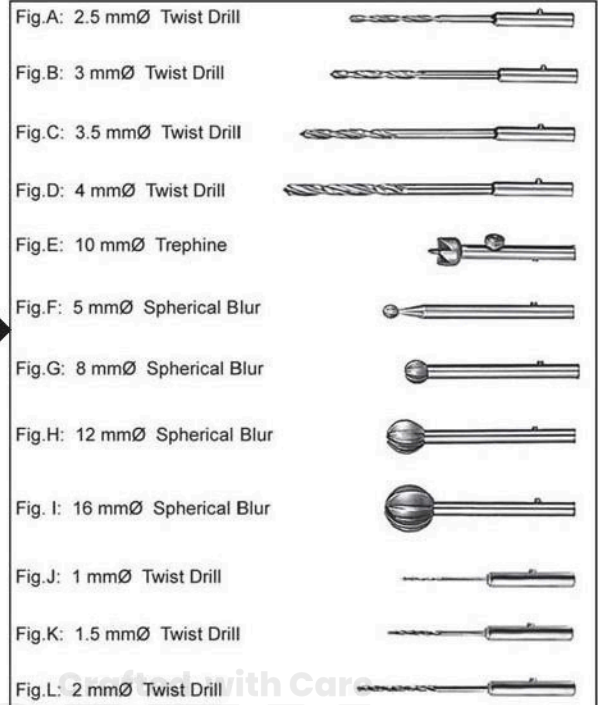
SP-01-2268

Stille-Sherman Hand Drill
24 cm / 9 1/2" with 3 twist drills



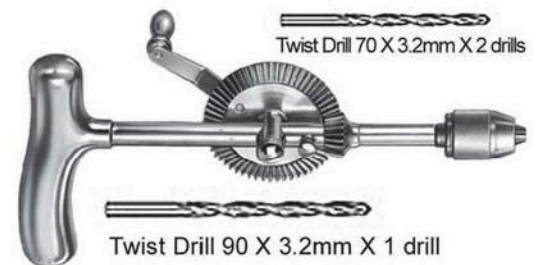
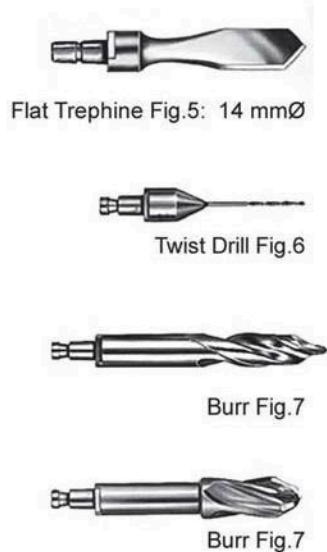
SP-01-9046

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

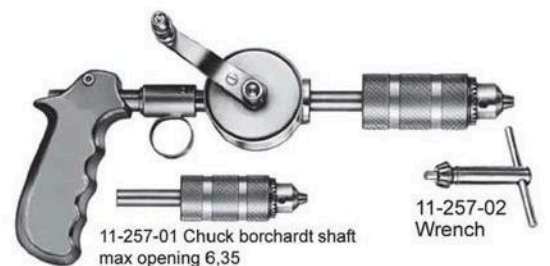


SP-01-9049

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



SP-01-9047 Moore Hand Drill
Complete with a set of 3 twist drills



SP-01-9048
Martin Hand Drill with Chuck & Wrench



SP-01-9050

Bunnell Hand Drill
16cm / 6-1/4"

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



SP-01-9051

Bunnell Hand Drill
16cm / 6-1/4"

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



SP-01-9052

Ralk Hand Drill

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



SP-01-9053

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



SP-01-9054

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



SP-01-9055

Box for Hand Drills
Outside Artificial Leather
/ inside Jumbo Foam



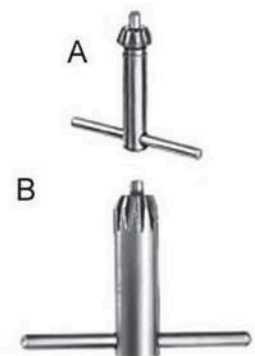
SP-01-9056

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



SP-01-9057

Hand Drill
Polished / Dull or Coated.
All Covered



SP-01-9058

All Hand Drills
Provided with Keys



SP-01-9059

Hand Drill
Polished / Dull
Or Coated.
Open Housing



SP-01-9060

Hand Drill
Polished / Dull
Or Coated.
Open Housing



SP-01-9061

Hand Drill
Polished / Dull
Or Coated.
Semi Closed Housing



SP-01-9062

Vickers Easidriver 14 Cm / 5 1/2"



SP-01-9063

14 cm / 5 1/2"
Handle W/ Chuck Longitudinally
Bored Accommodating up to 3,95mm



SP-01-9063

Handle with chuck T-Shaped



SP-01-9064

Fiber T-Handle Key



SP-01-9065

Key



SP-01-9066

Key



SP-01-9067

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 I: 7.0mm



SP-01-9068

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 I: 3.2mm J: 3.5mm K: 4.0mm L: 5.0mm



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



5mm Borchardt Shaft Spherical Burr

A: 3.0mm B: 4.0mm

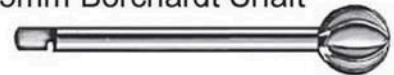


5mm Borchardt Shaft Spherical Burr

A: 3.0mm B: 5.0mm



Long 5mm Borchardt Shaft



Short 5mm Borchardt Shaft

Doyen Spherical Burr

A: 4mm B: 6mm C: 8mm D: 10mm E: 12mm F: 14mm G: 16mm

Doyen Spherical Burr

A: 4mm B: 6mm C: 8mm D: 10mm E: 12mm F: 14mm G: 16mm



Doyen Conical Burr
Coarse Spacing 12mm Dia



Doyen Conical Burr
Fine Spacing A: 8mm / B: 10 mm



Doyen Cylindrical Burr
Coarse Spacing A: 12mm / B: 15mm



Albee Burr Oval Coarse Spacing
A: 8mm / B: 10 mm / C: 12 mm



Albee Burr Pointed 7 mm



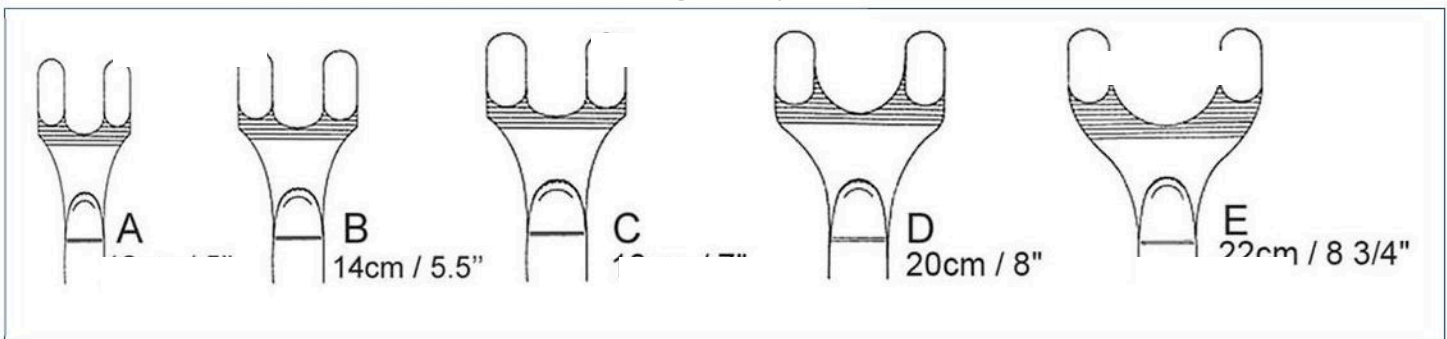
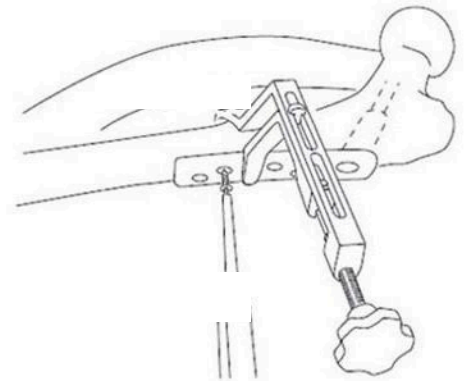
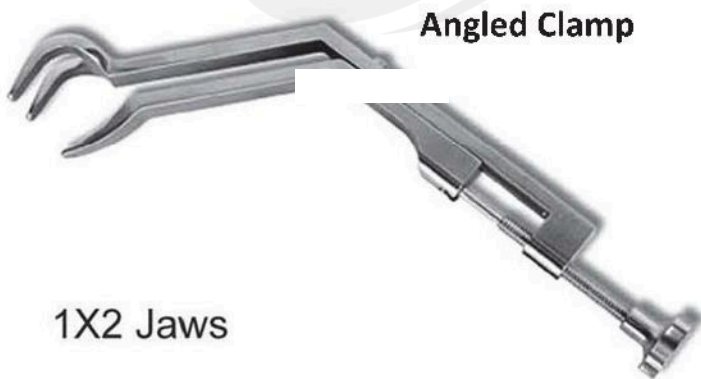
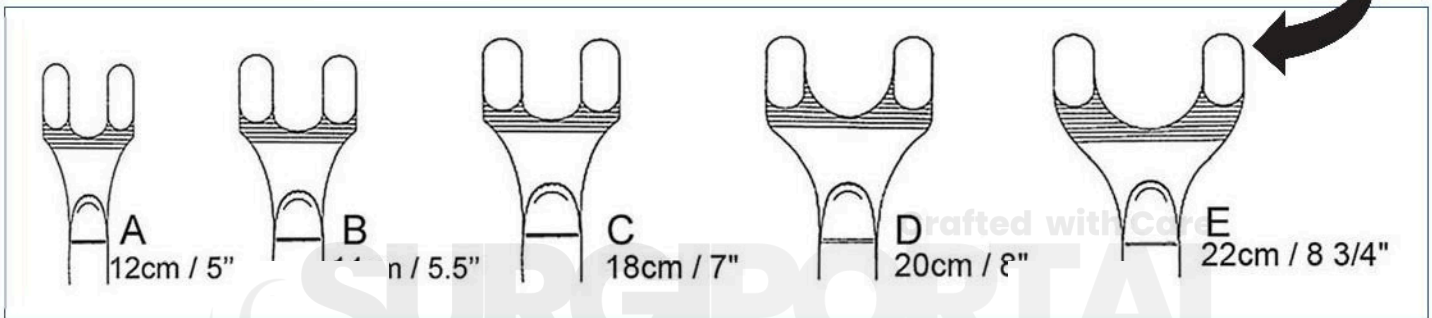
Borchardt Burr Oval Coarse Spacing 13mm



Flat Burr Short Borchardt Shaft 25mm



Toti Trephine Short Borchardt Shaft 8mm





SP-01-2268 Gerster Traction bar 15 cm / 6"



SP-01-9070

Gerster-Lowman Bone Holding Clamp



SP-01-9071

Gerster-Lowman Bone Holding Clamp



SP-01-9072

Vise Grip Locking Plier 23 cm / 9"



SP-01-9074

Vise Grip Locking Plier 20.5 cm / 8"



SP-01-9076

Vise Grip Locking Plier 18 cm / 7"



SP-01-9073

Needle Nose Locking Plier 30 cm / 12"



SP-01-9075

Needle Nose Locking Plier 25.5 cm / 10"



SP-01-9077

Needle Nose Locking Plier 22 cm / 8.5"



SP-01-9078

Flat Nose Plier 18.5 cm / 7 1/4" Parallel Grip SS



Max 1.6mm Cutting Capacity

SP-01-9080

Flat Nose Plier-Cutter 18.5 cm / 7 1/4" Parallel Grip SS



SP-01-9079

Long Nose Plier 22 cm / 8 1/2"



SP-01-9081

Vise Grip 20.5 cm / 8" Stainless Steel



SP-01-9082

Regular Jaw Locking Plier

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



SP-01-9083

Needle Nose Locking Plier

A: 22 cm / 8.5" B: 25.5 cm / 10" C: 30 cm / 12"



SP-01-9084

SLAP HAMMER w/ Threaded Shaft Head



SP-01-9085

SLAP HAMMER w/ Hexa Shaft Head



SP-01-9086

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



SP-01-9087

Flat Nose Plier 13.5 cm / 5 1/4"



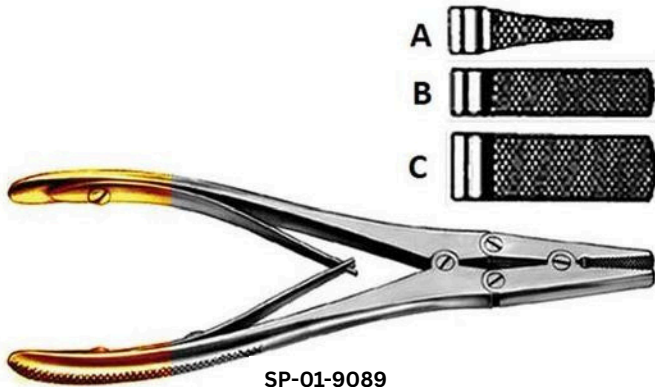
SP-01-9088

Round / Flat Nose Pliers 18 cm / 7"



SP-01-9087

Hackstock Flat Nose Pliers 16 cm / 6 1/4"
with longitudinal groove



SP-01-9089
Flat Nose Pliers 18 cm / 7" Parallel Grip



SP-01-9090
Flat Nose Pliers 17 cm / 6 ¾" with crosswise groove



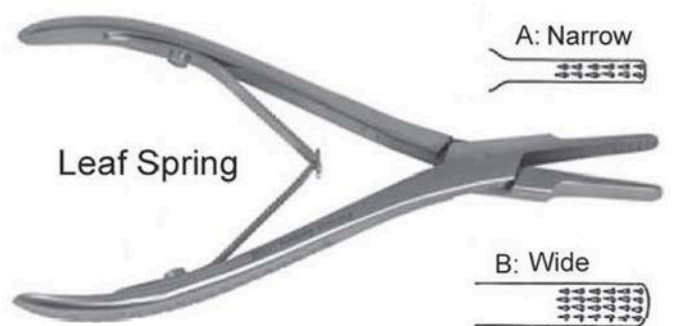
SP-01-9091
Flat Nose Pliers 17.5 cm / 7"



SP-01-909
Flat Nose Pliers Pointed 19.5 cm / 7 ¾"



SP-01-9092
Platypus Nail Pulling Forceps 15.5 cm / 6 ¼"



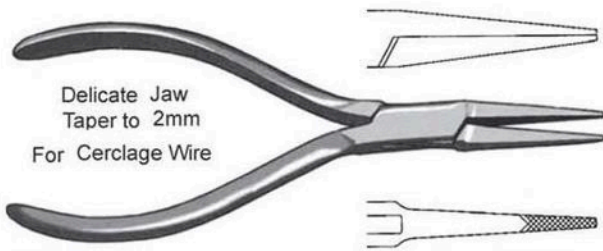
SP-01-9093
Platypus Nail Pulling Forceps 15.5 cm / 6 ¼"



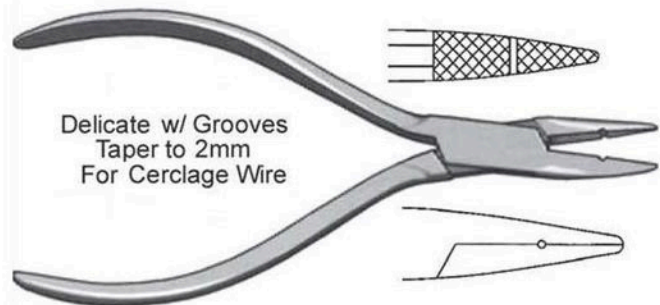
SP-01-9094
Round Nose Pliers 15.5 cm / 6 ¼"



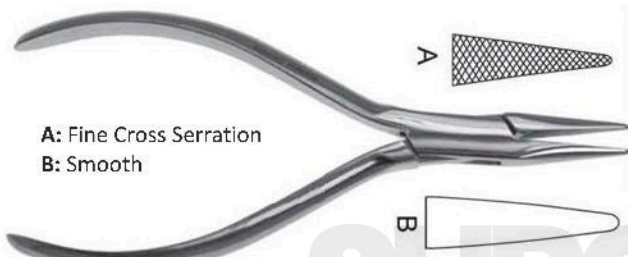
SP-01-9095
Needle Nose Pliers 15.5 cm / 6 ¼"



SP-01-9096
Flat Nose Pliers 15 cm / 6"



SP-01-9097
Needle Nose Pliers 13.5 cm / 5 1/4"



A: Fine Cross Serration
B: Smooth

SP-01-9098
Needle Nose Pliers Taper to 2mm Tip 14 cm / 5 1/2"



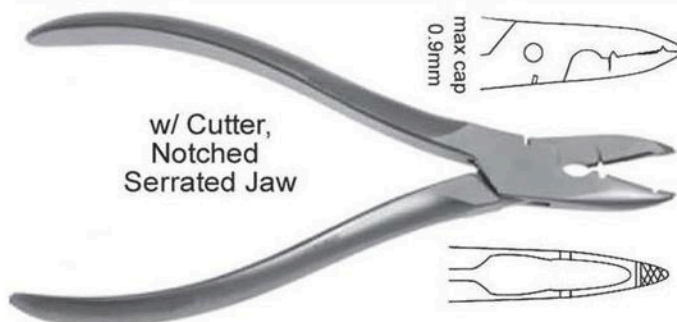
SP-01-9099
Wire Cutting Pliers 18.5 cm / 7 1/4"
Soft wires up to 2.4mm
Hard wires up to 1.8mm



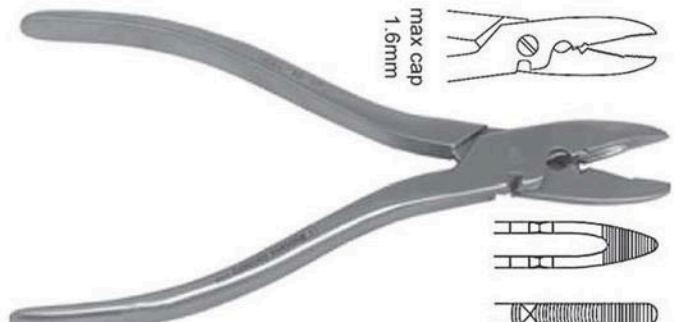
SP-01-90100
Martin "Diamant" 16cm / 6 1/4"



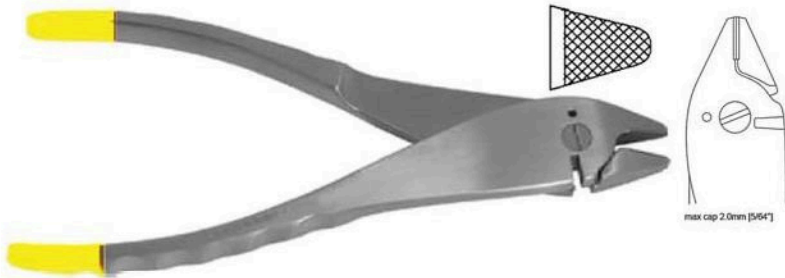
SP-01-90101
Circlage Pliers / Cutter 14 cm / 5 1/2"



SP-01-90102
Wire Bending Pliers 20 cm / 8"



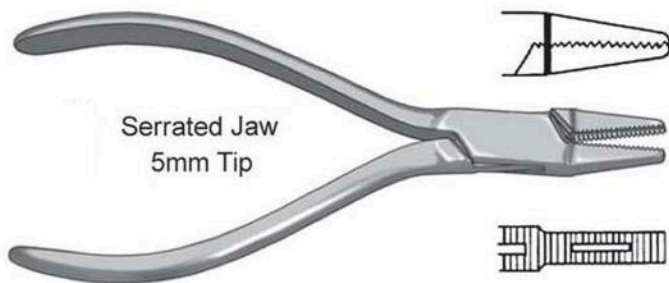
SP-01-90103
Wire Bending Pliers 15 cm / 6"



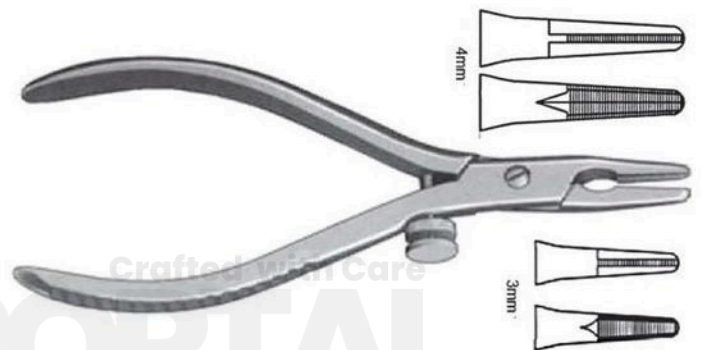
SP-01-90104
 Wire Bending Pliers TC 20 cm / 8"



SP-01-90105
 Needle Nose Pliers 15 cm / 6"



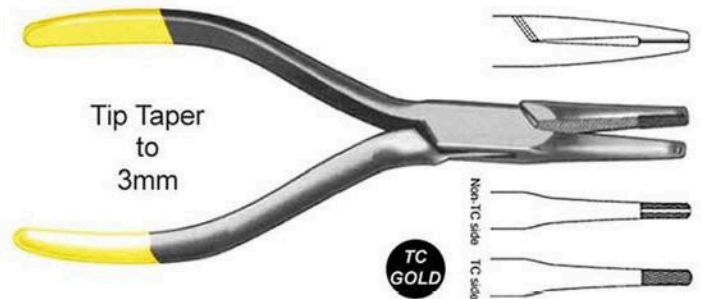
SP-01-90106
 Flat Nose Pliers 14 cm / 5 1/2"



SP-01-90107
 K-Wire Pliers A: 13 cm / 5" B: 17.5 cm / 7"



SP-01-90108
 Screw/Pin Removing Pliers 19 cm / 7 1/2"



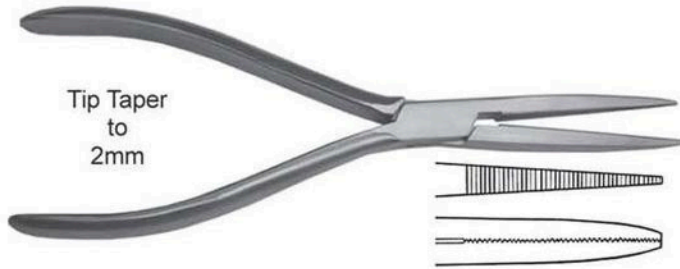
SP-01-90109
 Pin Puller Grips Small Pins 14 cm / 5 1/2"



SP-01-90110
 Flat Nose Pliers w/ Cutter for Cerclage Wire 16 cm / 6 1/2"



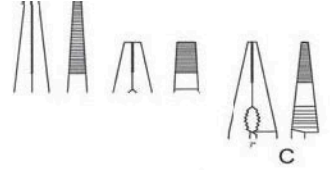
SP-01-90111
 19 cm / 7 1/2" Narrow Nose Pliers Heavy Jaws
 for Pulling Wire / Pins



SP-01-90112

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

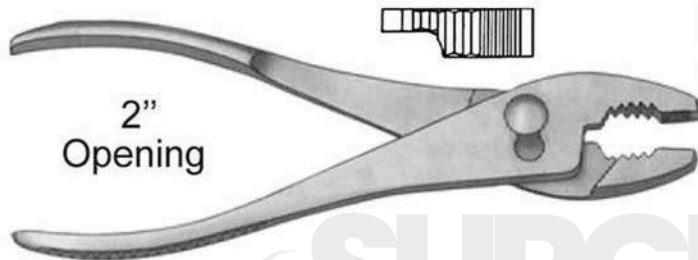
- A: 17.5 cm / 7" Needle Nose 2" Jaw
B: 16 cm / 6 1/2" Square 7mm Jaw
C: 18 cm / 7" Tape to 2mm Tip



SP-01-90113

UNIVERSAL Pliers

Serrated w/ Heavy duty Spring and Cutting Edge
Max Cutting Cap: 1.1 mm



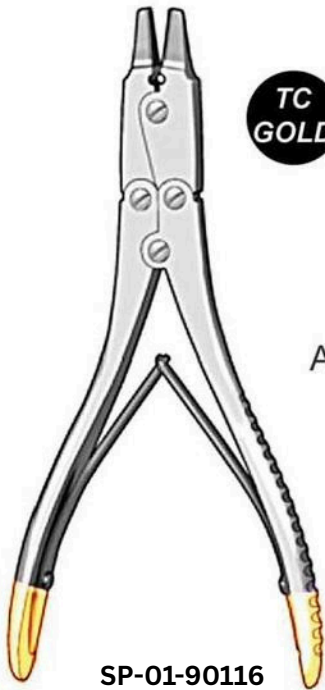
SP-01-90114

Slip Joint Pliers 20 cm / 8"



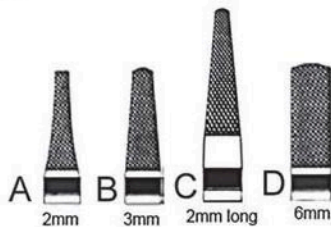
SP-01-90115

Lineman Pliers 21 cm / 8 1/2"

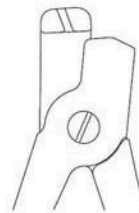


SP-01-90116

Double Action Wire Extraction Plier
18 cm / 7"



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

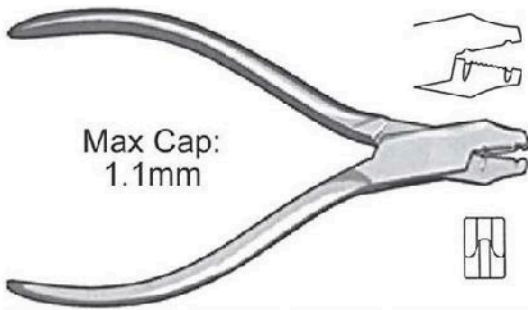


SP-01-90117

Gratloch Wire Bender
19 cm / 7 1/2"



Max Cap: 1.6mm



Max Cap:
1.1mm

SP-01-90118

K-Wire / Plate Bender 13.5cm / 5"



Max Cap:
1.6mm

SP-01-90119

K-Wire / Plate Bender 14.5 cm / 5 ½"



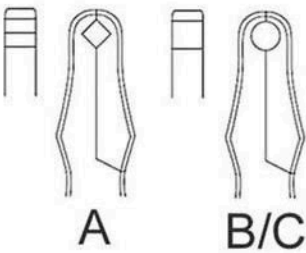
SP-01-90120

Mini Plate Bending Pliers 13.5 cm / 5"



SP-01-90121

Plate Bending Pliers 14.5 cm / 5 ½"

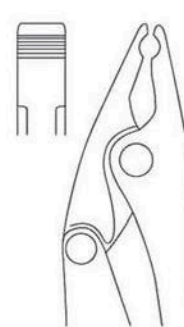


A: 5.5mm Rods Prism
B: 5.5mm Rods
C: 6.35mm Rods



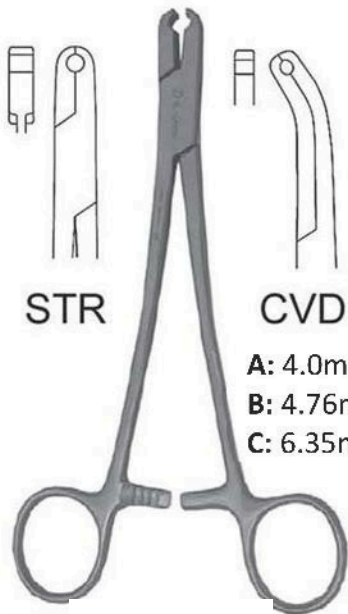
SP-01-90122

Rod Holder STR 25 cm / 10"



SP-01-90123

Rod Gripper Adjustable
21 cm / 8 ½"



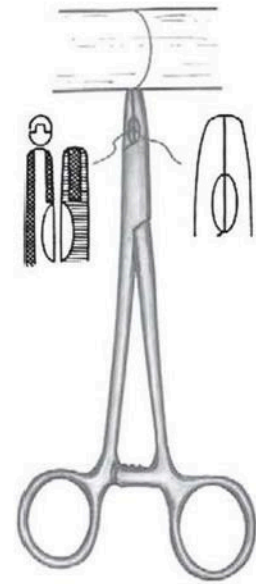
SP-01-90124

Rod Holder 18 cm / 7 ¼"



SP-01-90125

Wire Pulling Forceps 16 cm / 6 ½"



SP-01-90126

Wire Twister / Tightner 16cm / 6 ¼"



SP-01-90127

Loute Wire Tightener 21 cm / 8 ¼"



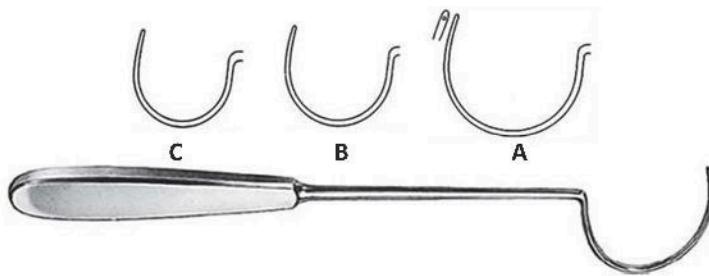
SP-01-90129

Wire Tightener w / T Handle
11.5 cm / 4 ½"



SP-01-90128

Wire Tightener 12 cm / 4 ¾"



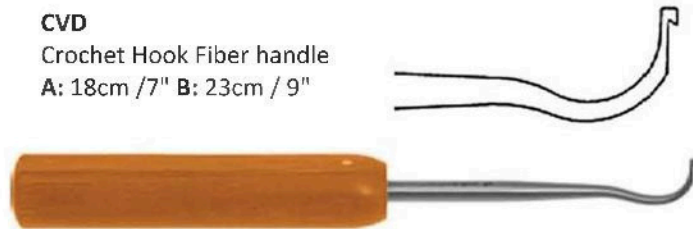
A: 31 cm / 12 1/4"
B: 29 cm / 11 1/2"
C: 28 cm / 11"

SP-01-90130
Demel Wire Guide



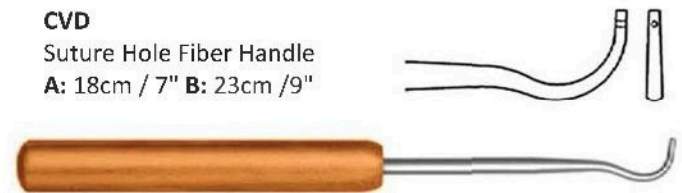
CVD Crochet Hook
18cm / 7 1/4"

SP-01-90131
Bankert Ligature Carrier



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

SP-01-90132
Suture Passer



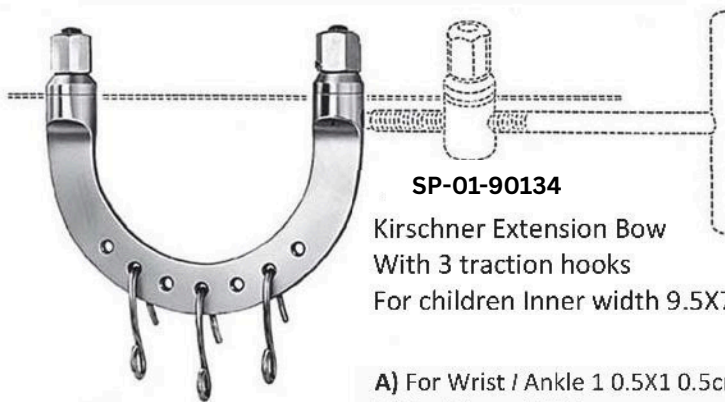
CVD Suture Hole Fiber Handle
A: 18cm / 7" B: 23cm / 9"

SP-01-90133
Suture Passer



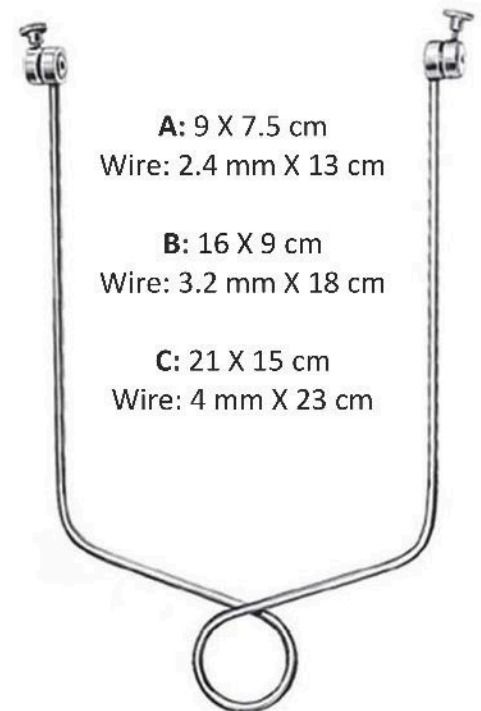
Suture Hole
20cm / 8"
A: Right Blunt
B: Left Blunt
C: Right Sharp
D: Left Sharp

SP-01-90135
Deschamps Ligature Carrier



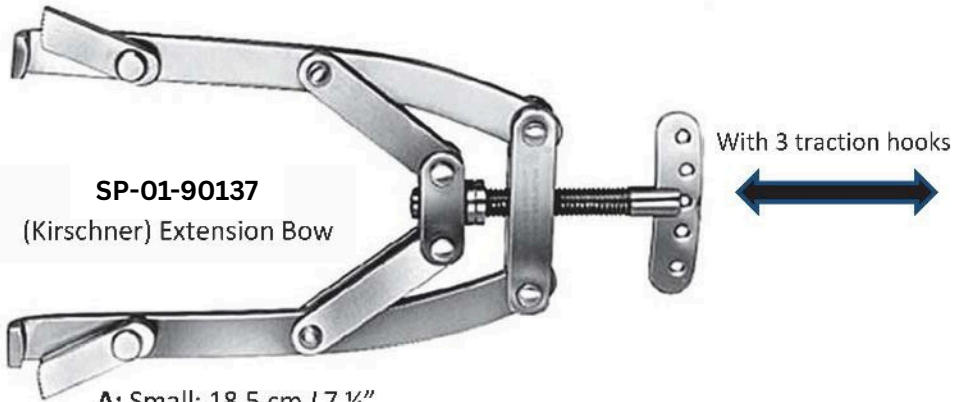
SP-01-90134
Kirschner Extension Bow
With 3 traction hooks
For children Inner width 9.5X7cm

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

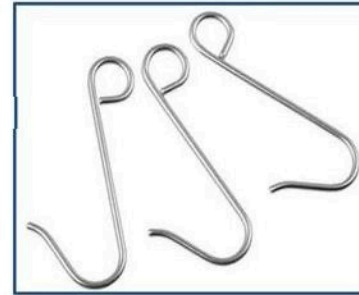
SP-01-90136
Bohler Extension Bow for femur & knee



SP-01-90137
(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



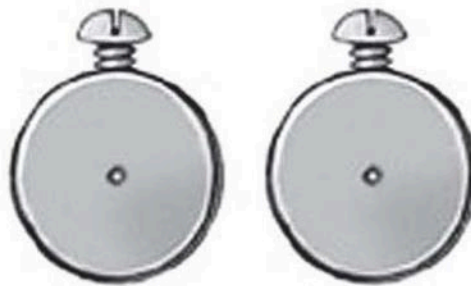
SP-01-90140
Extension Bow
A: 10 ½" X 6 ¼"
B: 7" X 4"



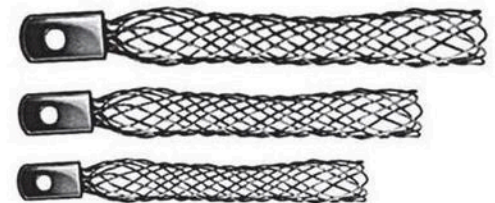
SP-01-90138
Wire Strainer 18.5 cm / 7 ¼"



SP-01-90139
Wrench 20 cm / 8"



SP-01-90141
Fixation Discs
For wire drills, pair



SP-01-90142
Extension Sleeve
Small / Medium / Large



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

SP-01-90143

Martin-Ideal
Finger Nail Drill



SP-01-90144

Feldheim Tourniquet 10 cm / 4"



SP-01-90145

Radolf Nail Extracting Forceps
14 cm / 5 1/2"



SP-01-90146

Nail Extracting Forceps 16 cm / 6 1/4"



SP-01-90147

Martin Finger Ring Saw 18.5 cm / 6 3/4"
Spare Blades are Available Separately



SP-01-90148

Walton Finger Ring Saw 16cm / 6 1/4"
Spare Blades are Available Separately



SP-01-90149

Finger Ring Saw 17cm / 6 3/4"
Spare Blades are Available Separately



Stainless Steel
Black Color



Stainless Steel
Color

SP-01-90150

Finger Ring Saw Cutter Spare



SP-01-90151

Lead Hand for Kids / Adults



SP-90152

Lead Hand for Kids / Adults



Outer Dia: 5mm
Inner Dia: 3mm

SP-90153

Champer-OSU Bone Biopsy Instruments
22 cm / 8 3/4"

Consisting of trocar, a toothed trephine and a plunger for taking tibial and iliac bone grafts through a closed technique



SP-90154

Champer Bone Biopsy Instruments
22 cm / 8 3/4"

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



SP-90155

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



SP-90158

Champer Cancellous Bone graft Mill

Outer Dia: 17mm
Inner Dia: 16mm



SP-90157

Bone Impactor / Teflon Tip 17cm / 6 1/2"



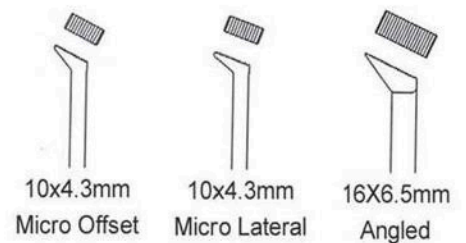
SP-90159

Caspar Bone Tamper 20 cm / 8"



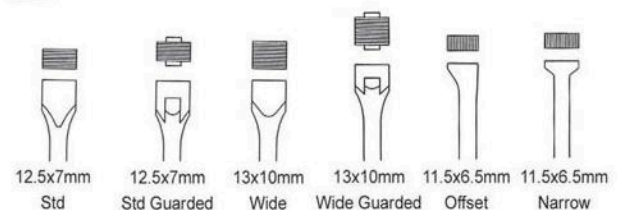
SP-90160

Lumbar / Cervical Impactor 21cm / 8 1/2"



SP-90161

Lumbar / Cervical Impactor 21cm / 8 1/2"

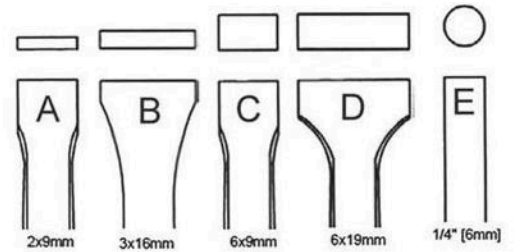




SP-90161

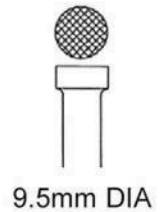
Bone Chip Packer 25cm / 10"

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



SP-90162

Bone Tamper 43 cm / 17"



SP-90163

Putti Bone Rasp Round / Semi Round
30 cm / 11 3/4"



SP-90164

Putti Bone Rasp Curved / Straight
27cm / 10 3/4"



SP-90165

Bone File 28 cm / 11" w/ Hollow Handle Semi Round



SP-90166

Bone File 24.5 cm / 9 3/4" w/ Hollow Handle Semi



SP-90167

Bone File 22 cm / 8 3/4" Flat / Round



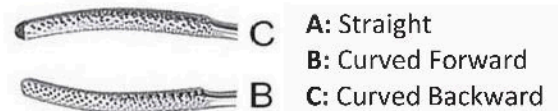
SP-90168

Bone Rasp 22 cm / 8 3/4" Flat / Round



SP-90169

Bone File Fiber Handle 18cm / 7"



A: Straight
B: Curved Forward
C: Curved Backward



SP-90170

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



SP-90171

Bone File 18 cm / 7" Fiber Handle / Linear



SP-90172

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



SP-90173

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



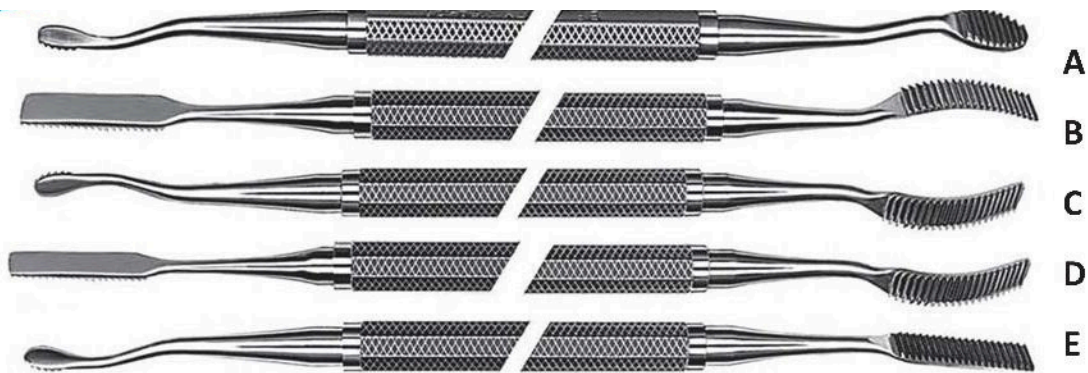
SP-90174

Bipolar Bone Rasp w / Rod

SP-90175

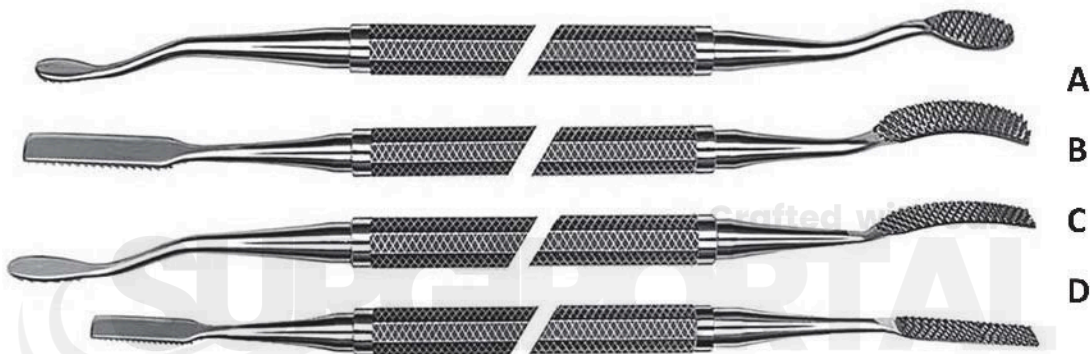
Femoral Bone Rasp w / Rod

A: Small B: Medium C: Large



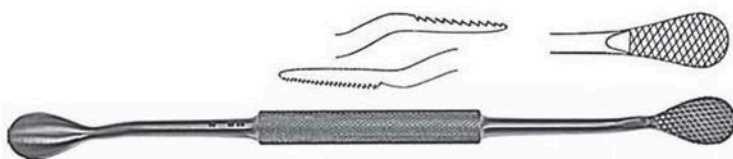
SP-90176

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



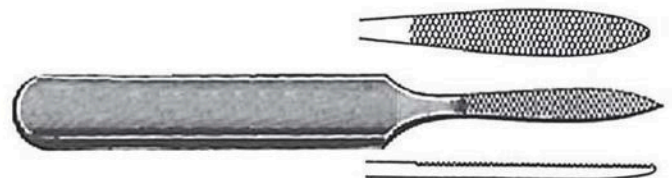
SP-90177

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



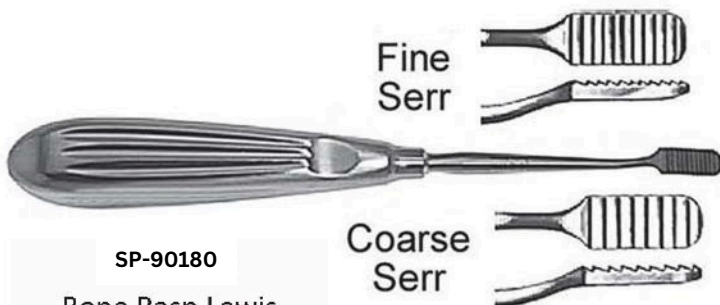
SP-90178

Bone Rasp 21 cm / 8.5" 13mm Fine/Coarse
Straight



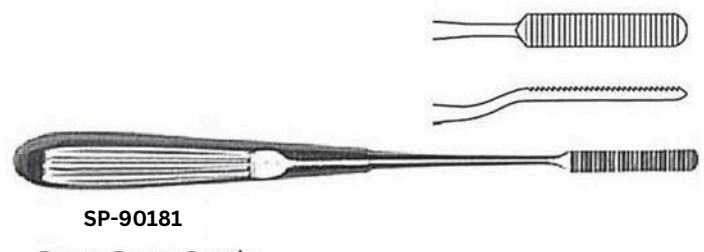
SP-90179

Bone Rasp Joseph 16 cm / 6.25" 8mm
Fine Cross Serrated / Straight



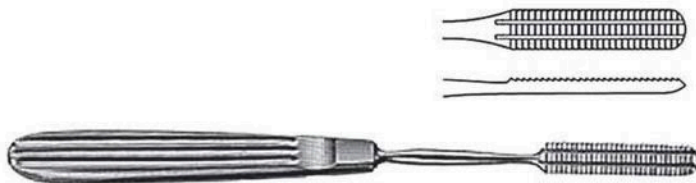
SP-90180

Bone Rasp Lewis
19 cm / 7.5" 8mm



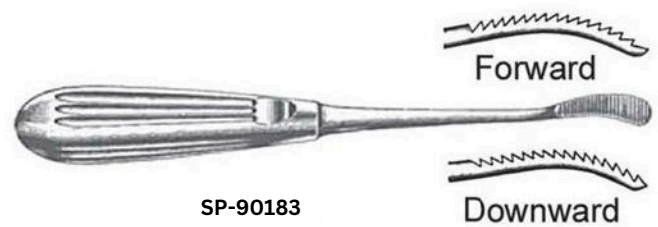
SP-90181

Bone Rasp Cottle
20 cm / 8" 7mm Plain Serrated Downward



SP-90182

Bone Rasp Maltz 18 cm / 7"
9mm Plain Coarse Serr Downward



SP-90183

Bone Rasp Aufrieht 18 cm / 7"
9mm Coarse Serr CVD



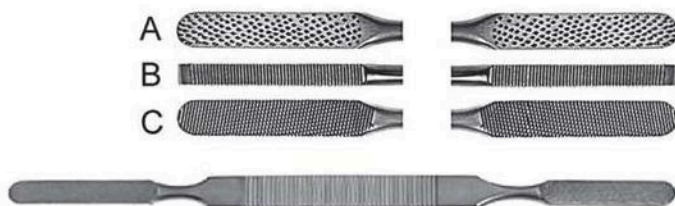
SP-90184

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



SP-90185

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



SP-90186

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



SP-90187

Bone File / Rasp 21 cm / 8.5"
18mm Fine / Coarse Serr



SP-90188

Bone Lever 16 cm / 6 1/4"



SP-90189

Hohman, Mini Bone Lever 16 cm / 6 1/4" 6 mm tip



SP-90190

Hohman, Mini Bone Lever 16 cm / 6 1/4" 8 mm tip



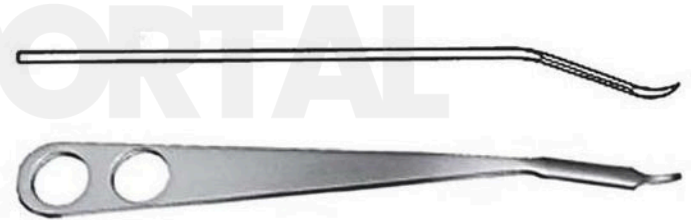
SP-90191

Mini Bone Lever 16 cm / 6 1/4" 14 mm tip



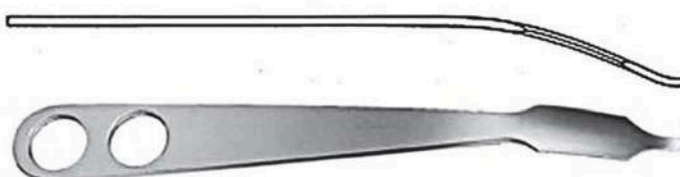
SP-90192

Hohman, Mini Bone Lever 12 cm / 4 3/4" 14 mm tip



SP-90193

Hohmann Bone Lever 22 cm / 8 3/4" 8 mm Tip narrow tip



SP-90194

Hohmann Bone Lever 23.5 cm / 9 1/4" 18 mm Tip narrow tip



SP-90195

Hohmann Bone Lever 23.5 cm / 9 1/4" 43 mm Tip narrow tip



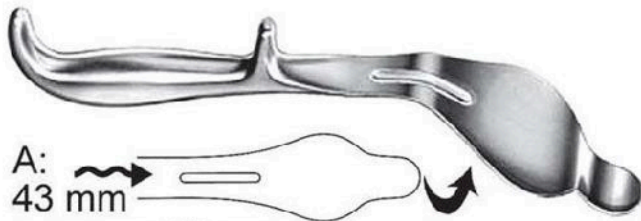
SP-90196

Hohmann Bone Lever 29 cm / 11 1/2" 35mm Tip wide tip



SP-90197

Lange-Hohmann Bone Lever 25 cm / 9 3/4" 22mm Tip
Wide tip with groove



B: 60 mm

SP-90198

Bennett Bone Lever 24 cm / 9 1/2"



SP-90198

Hohmann Bone Lever 27.5 cm / 10 3/4"
 24mm Tip wide, round tip



SP-90199

Hohmann Bone Lever 25 cm / 9 3/4" 70 mm Tip narrow tip



SP-90200

Blount Knee Retractor 26.5 cm / 10 1/2" blunt



SP-90201

Hohmann Bone Lever 23.5 cm / 9 1/4" 43mm Tip narrow tip



SP-90202

Blount Knee Retractor 26.5 cm / 10 1/2"



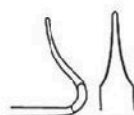
SP-90203

Hohmann Bone Lever 25.5 cm / 10" 22mm Tip wide tip



SP-90204

Blount Knee Retractor 17.5 cm / 7"

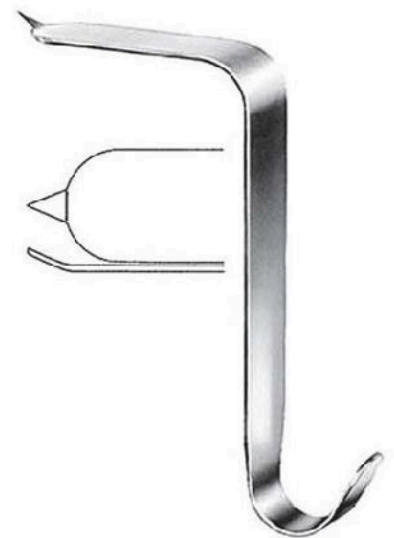


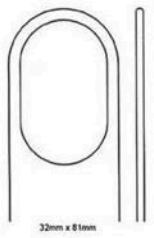
Sizes Available:

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

SP-90205

Taylor Spinal
 Retractor
 16 cm / 6 1/4"
 Pointed end





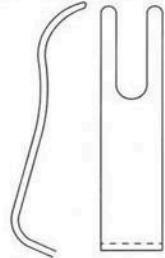
SP-90205

Fukuda Retractor
19 cm / 7 1/2"
T-Handle

A: 32X81mm
B: 38X81mm

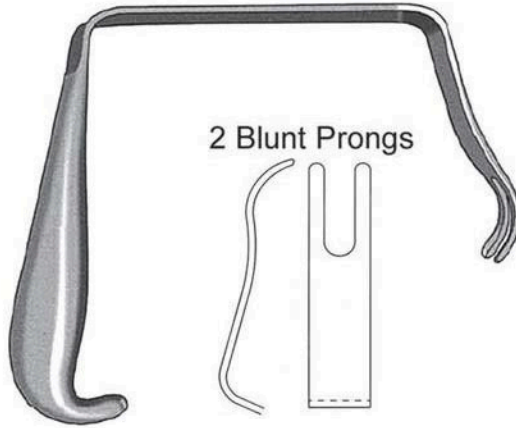


2 Blunt Prongs



SP-90206

Bristow / Bankart Humeral Retractor
18 cm / 7"



Medium Blade:
57 / 69mm Deep
11mm Wide

Large Blade:
63 / 76mm Deep
11mm Wide



SP-90206

Z Knee Retractor 15 cm / 6"



SP-90207

Deltoid Retractor 28 cm / 11" T Handle w / Ring

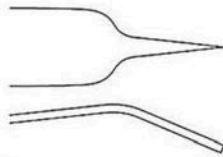


SP-90207

Humeral Head Retractor 18 cm / 7" Strong Curved

2 Blunt Prongs

22 mm Blade
1 Sharp Prong

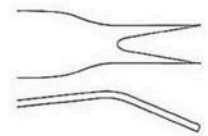


SP-90208

Capsule Retractor 25 cm / 10"



22 mm Blade
2 Sharp Prong

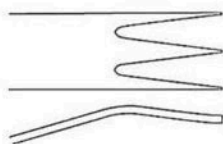


SP-90209

Capsule Retractor 25 cm / 10"



3 Sharp Prongs



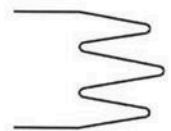
SP-90210

Capsule Retractor 25 cm / 10"



Soft Tissue Retractor
3 Blunt Prong

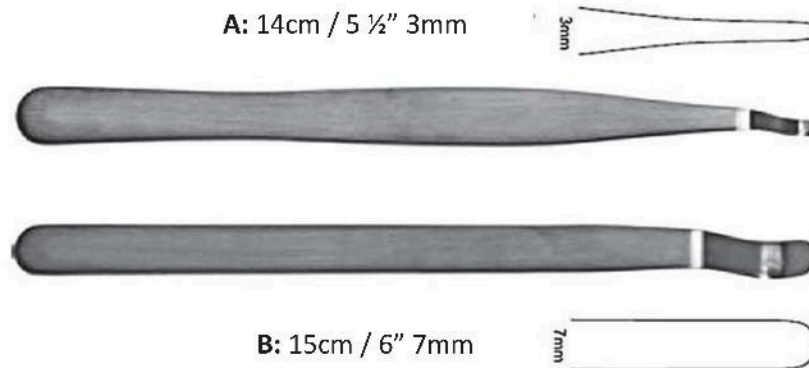
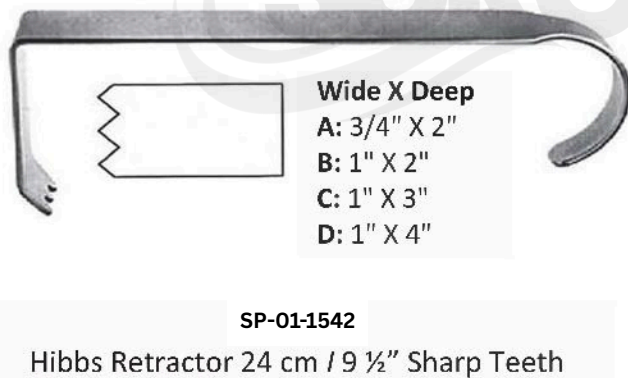
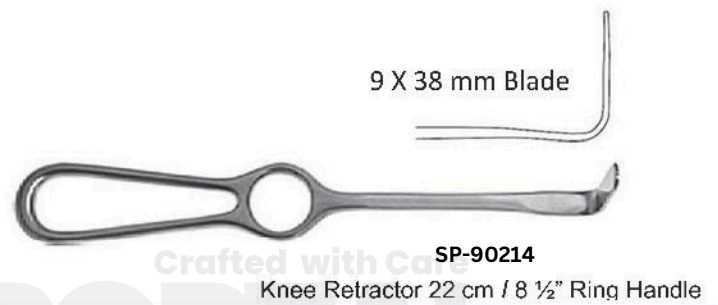
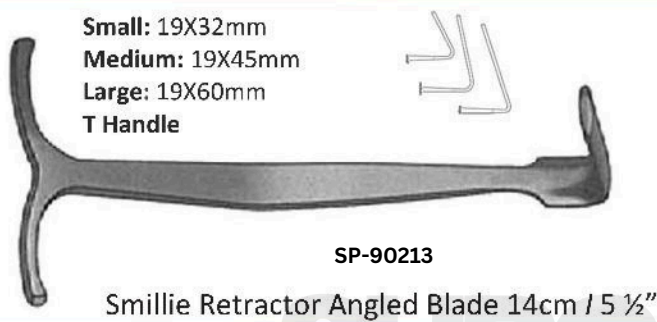
22mm
Blade



SP-90211

Bristow / Bankart 19 cm / 7 1/2"





Length:

A: 15cm / 6"

B: 15.5cm/6 ¼"

C: 15cm/6"

D: 15.5cm/6 ¼"

SP-90217

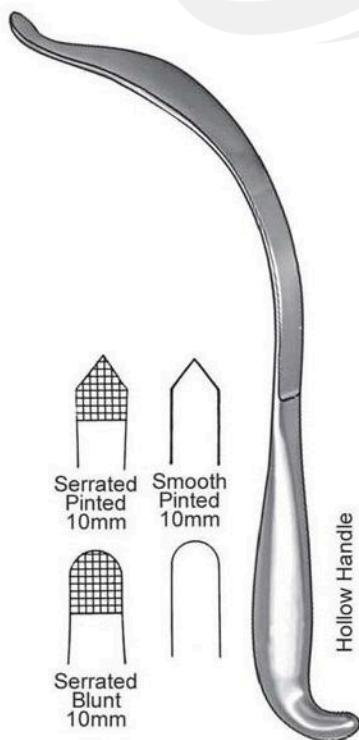
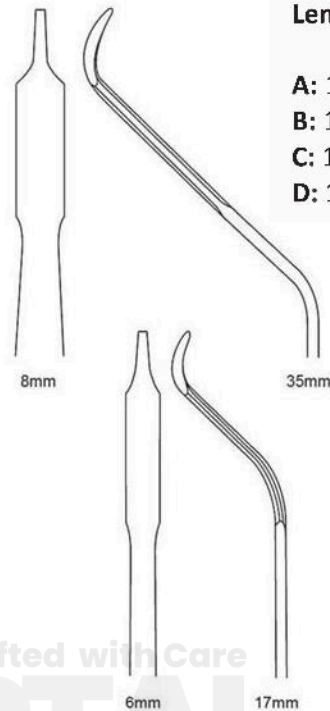
Mini Hohmann Bone Levers

A: Blade: 6mm width/35mm drop

B: Blade: 6mm width/17mm drop

C: Blade: 8mm width/35mm drop

D: Blade: 8mm width/17mm drop



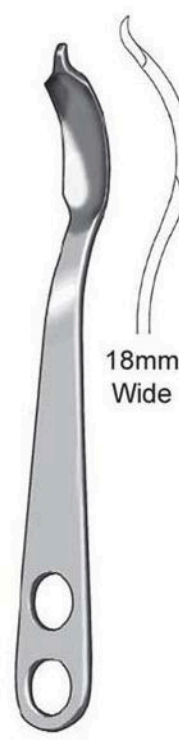
SP-90218

Aufranc Cobra Retractor
26 cm / 10 ½"



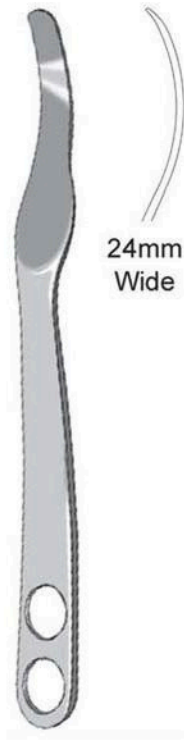
SP-90219

Aufranc Cobra Retractor
27.5cm / 11"



SP-90220

Humeral Head Retractor
23 cm / 9"



SP-90221

Pelvic Retractor Single Prong
26 cm / 10 ½"





SP-01-1542

Ribbon Retractor Malleable
30 cm / 12"

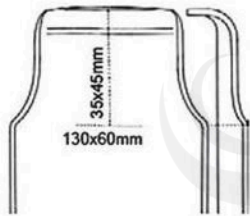
AVAILABLE SIZES:

A: 6" X 6mm	G: 8" X 10mm	M: 13" X 38mm
B: 6" X 12mm	H: 8" X 12mm	N: 13" X 45mm
C: 6" X 16mm	I: 8" X 16mm	O: 13" X 50mm
D: 6" X 19mm	J: 8" X 19mm	P: 13" X 65mm
E: 7 1/2" X 25mm	K: 13" X 19mm	Q: 13" X 75mm
F: 8" X 6mm	L: 13" X 30mm	

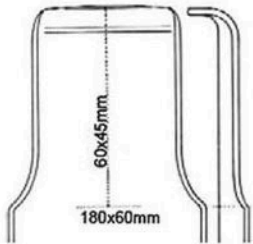


SP-90222

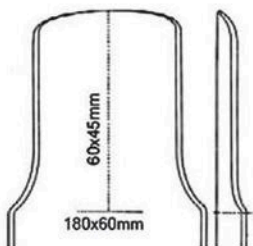
Murphy Bone Skid
30 cm / 12"



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



B: 33cm / 13" With Lip



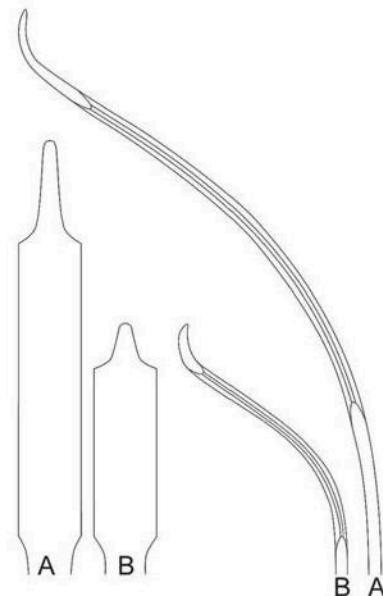
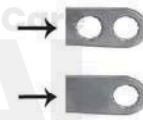
C: 33cm / 13" Without Lip



SP-90223

St. Mark's Pelvic Retractor
Angled Blade

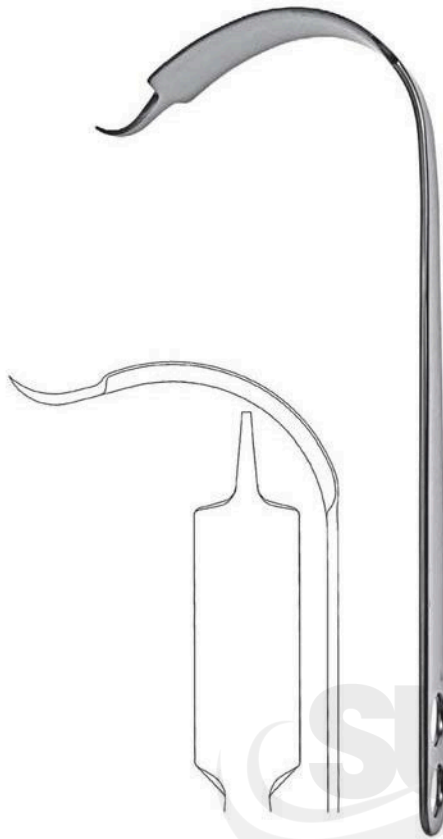
A: 22mm Blade
2 Finger Rings Long Round
B: 22mm Blade
1 Finger Ring Short Round



SP-90224

Hohmann Retractor
40cm / 16"





SP-01-1542

Hohmann Retractor
33 cm / 13"



SP-90229

Virchow Skull Breaker
7.5 cm / 3" 40 mm Blade Width

SP-90225

Buckley Chisel
16cm / 6 1/4"
Octagonal handle

Fig A: 2mm

Fig B: 3mm

Fig C: 4mm



SP-90226

Buckley Gouge
16cm / 6 1/4"
Octagonal handle

Fig A: 2mm

Fig B: 3mm

Fig C: 4mm

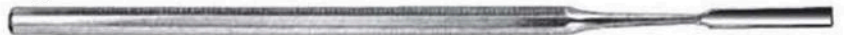
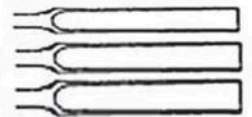


Fig C: 5mm



Fig B: 4mm

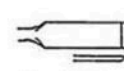
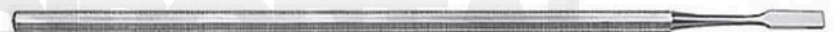


Fig A: 3mm

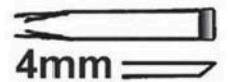


SP-90227

Stout Bone Chisel 21 cm / 8 1/4" octagonal handle

SP-01-1542

Bone Chisel 18 cm / 7" Round Handle



SP-90228

Bone Chisel 17 cm / 6 3/4" Round Handle

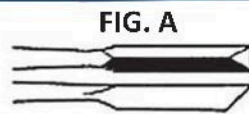
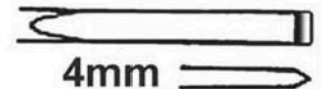


FIG. A

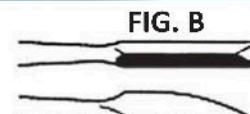


FIG. B

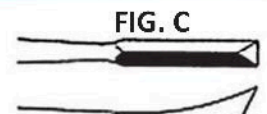


FIG. C



SP-90230

Gardner Bone Chisel 17 cm / 6 3/4" 4 mm

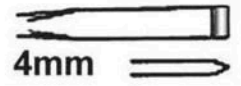
FIG A: 3 mm

FIG B: 5 mm



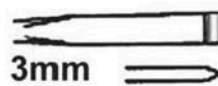
SP-90231

Snyder-O.S.U Bone Chisel 16.5 cm / 6 1/2" 3 mm / 5 mm



SP-90232

Bone Chisel 18 cm / 7" Octagonal Handle 4 mm



SP-90233

Bone Chisel 18 cm / 7" Octagonal Handle 3 mm



FIG A



FIG B



SP-90234

O.S.U. Bone Chisel 17 cm / 6 3/4" 7 mm / 9 mm

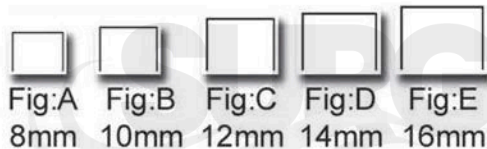
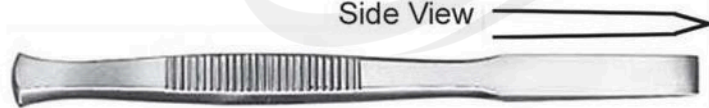


Fig:A 8mm Fig:B 10mm Fig:C 12mm Fig:D 14mm Fig:E 16mm

Side View



SP-90235

Osteotome 13.5 cm / 5 1/4"

Crafted with Care

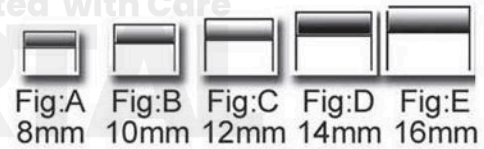


Fig:A 8mm Fig:B 10mm Fig:C 12mm Fig:D 14mm Fig:E 16mm

Side View



SP-90236

Chisel 13.5 cm / 5 1/4"

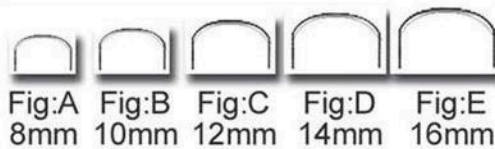
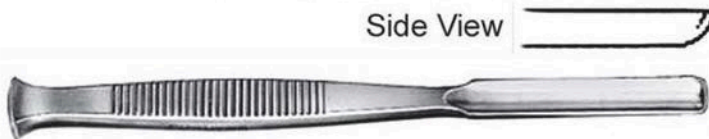


Fig:A 8mm Fig:B 10mm Fig:C 12mm Fig:D 14mm Fig:E 16mm

Side View



SP-90237

Gouge 13.5 cm / 5 1/4"

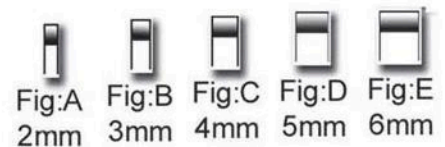


Fig:A 2mm Fig:B 3mm Fig:C 4mm Fig:D 5mm Fig:E 6mm

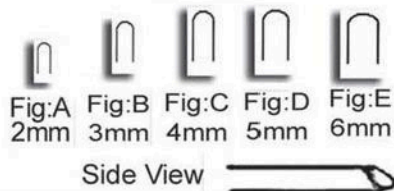
Side View



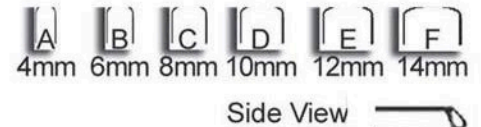
SP-90237

Partsch Chisel 13.5 cm / 5 1/4"

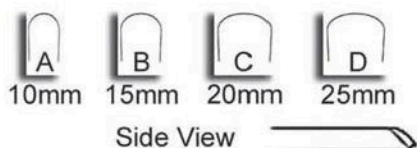
Partsch Chisel 17 cm / 6 3/4"



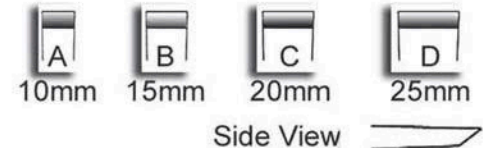
SP-90239 Partsch Gouge 13.5 cm / 5 1/4"
Partsch Gouge 13.5 cm / 5 1/4"



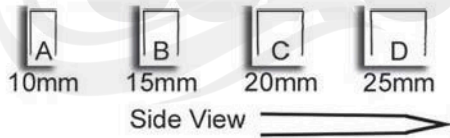
SP-90240 Alexander Gouge 17.5 cm / 7"



SP-90241 Stille Gouge 20 cm / 8"



SP-90242 Stille Chisel 20 cm / 8"



SP-90244 Stille Osteotome 20 cm / 8"

SP-90243

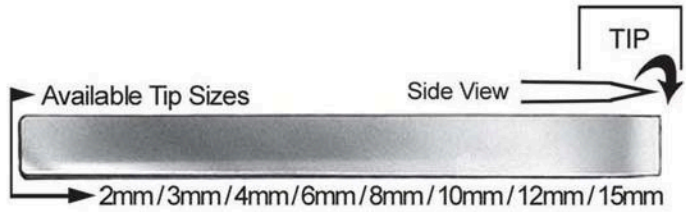
Lambotte, Osteotome
24 cm / 9 1/2"
Curved Tip



Side View
Curved Tip



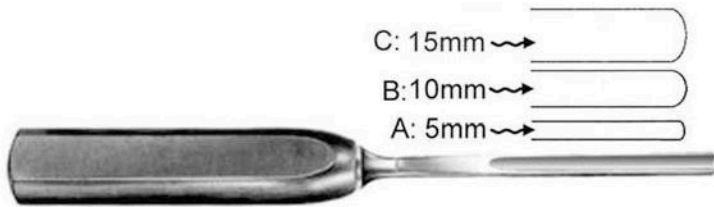
Available in
15mm
20mm
25mm
30mm
38mm
44mm
50mm



SP-90245 (12.5 cm / 5") Lambotte, Mini Osteotome

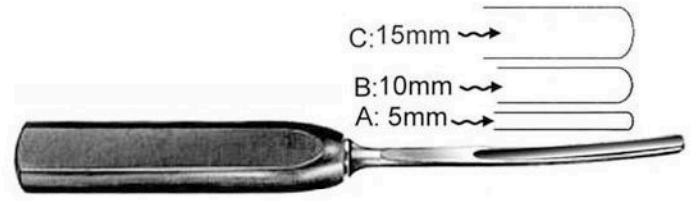
SP-90246 (17 cm / 6 3/4") Lambotte, Mini Osteotome
3mm / 4mm / 6mm / 8mm / 10mm / 12mm / 15mm

SP-90247 (24 cm / 9 1/2") Lambotte, Osteotome
15mm / 20mm / 25mm / 30mm / 38mm / 44mm / 50mm



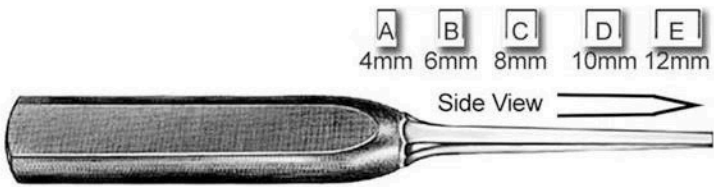
SP-90248

Lexer Spongiosa Gouge (25 cm / 9 ¾")



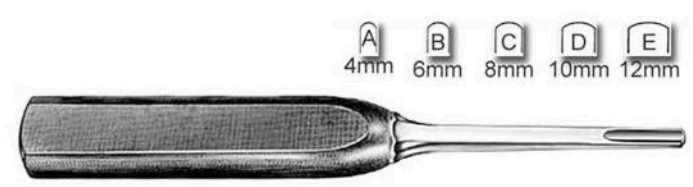
SP-90249

Lexer Spongiosa Gouge (25 cm / 9 ¾")



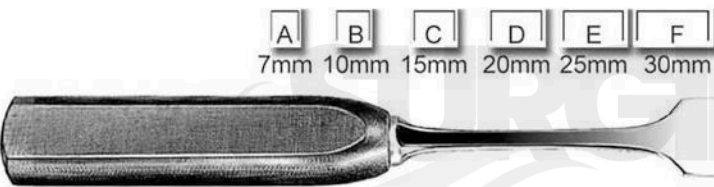
SP-90250

Lexer, Mini Osteotome 18.5 cm / 7 ¼"



SP-90251

Lexer, Mini Osteotome 18.5 cm / 7 ¼"



SP-90252

Lexer, Osteotome 22 cm / 8 ¾"



SP-90253

Lexer, Osteotome 22 cm / 8 ¾"



SP-90254

Vickers Spongiosa Gouge 18 cm / 7"



SP-90255

US Army Chisel 18 cm / 7"



SP-90256

US Army Osteotome 18 cm / 7"



SP-90257

US Army Gouge 18 cm / 7"



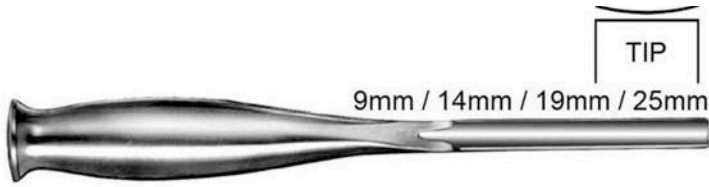
SP-90258

Smith-Petersen Osteotome 20.5 cm / 8" Straight



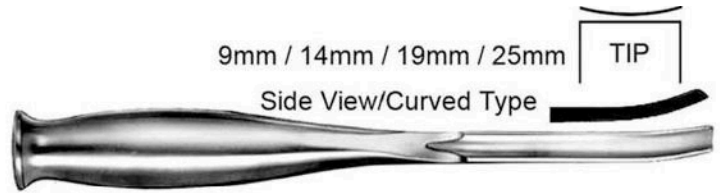
SP-90259

Smith-Petersen Osteotome 20.5 cm / 8" Curved



SP-90260

Smith-Petersen Gouge 20.5 cm / 8" Straight Tip



SP-90261

Smith-Petersen Gouge 20.5 cm / 8" Curved Tip



SP-90262

Hook Osteotome 17 cm / 6 3/4"



SP-90263

Hibbs Osteotome 24.5 cm / 9 3/4"



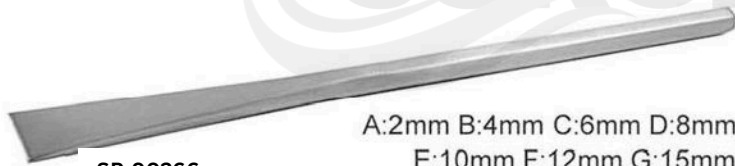
SP-90264

Hibbs Chisel 24.5 cm / 9 3/4"



SP-90265

Hibbs Gouge 24.5 cm / 9 3/4"



SP-90266

Sheehan Osteotome 16cm / 6 1/2"



Straight

SP-90267

Silver Osteotome 18 cm / 7" Straight



Curved / Right

SP-90268

Silver Osteotome 18 cm / 7" Curved Right



Curved / Left

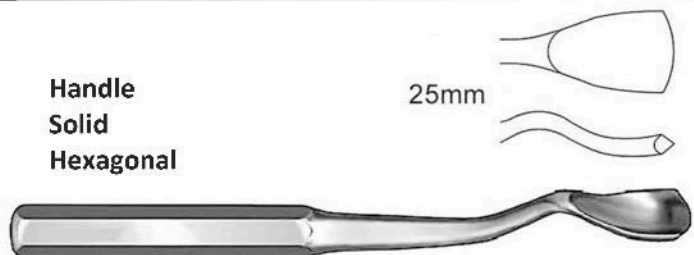
SP-90269

Silver Osteotome 18 cm / 7" Curved Left



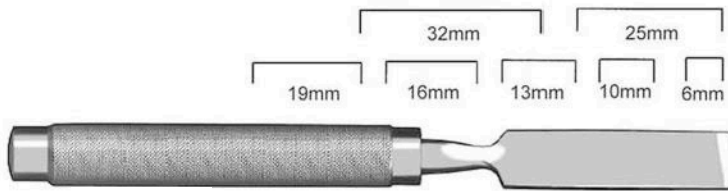
SP-90270

Shoulder Penetrating Gouge 21 cm / 8 1/2"



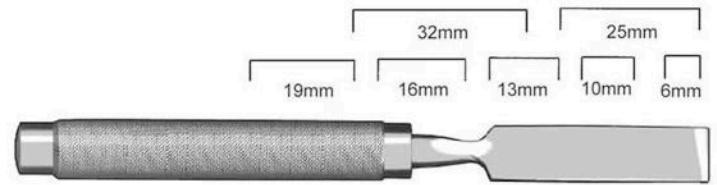
SP-90271

Swan Neck Gouge 23 cm / 9"



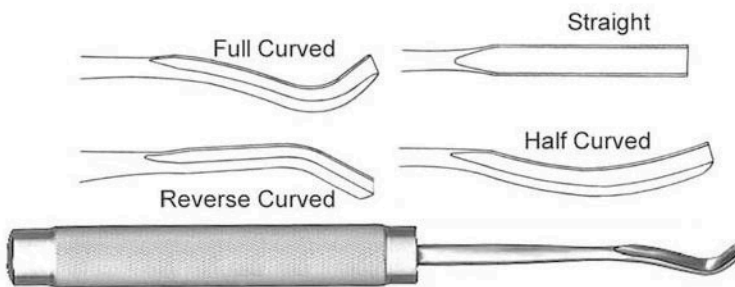
SP-90272

Cobb Osteotome 28 cm / 11" Straight



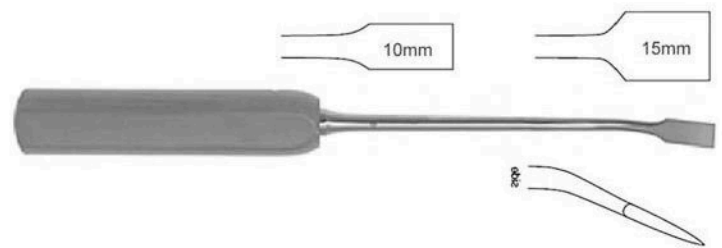
SP-90273

Cobb Osteotome 28 cm / 11" Curved



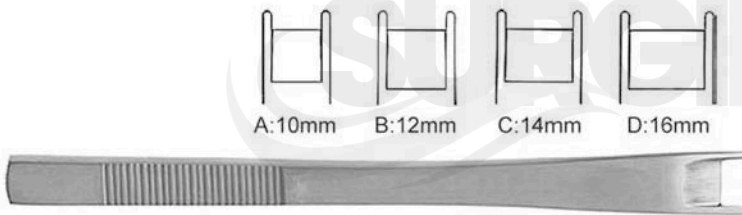
SP-90274

Cobb Gouge 28 cm / 11"



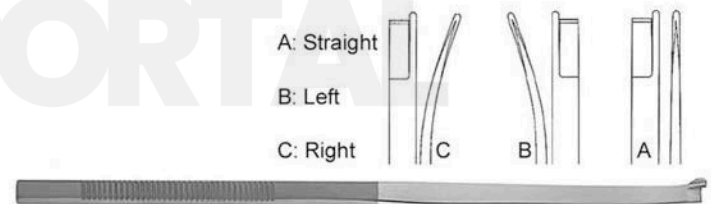
SP-90275

Lexer Osteotome Angled / 28 cm / 11"



SP-90276

Cinelli Osteotome 15.5 cm / 6 1/2"



SP-90277

Anderson Neivert Osteotome 20 cm / 8"

SP-90278

Hibbs Osteotome 47 cm / 18 1/2" 10 mm Tip
3 1/2" Tip L / 10 3/4" Shaft L / 4 1/4" Handle L
11.5 mm Shaft Diameter



SP-90279

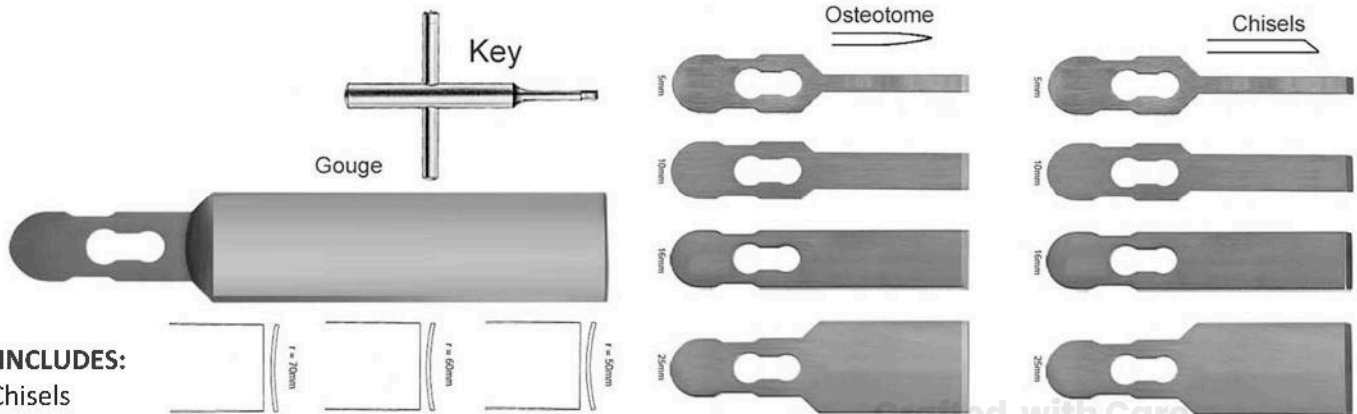
Hibbs Gouge 47 cm / 18 1/2" 10 mm Tip
3 1/2" Tip L / 10 3/4" Shaft L / 4 1/4" Handle L
11.5 mm Shaft Diameter





SP-90280

Spinal Fusion Gouge 24 cm / 9 1/2" 6 mm Tip



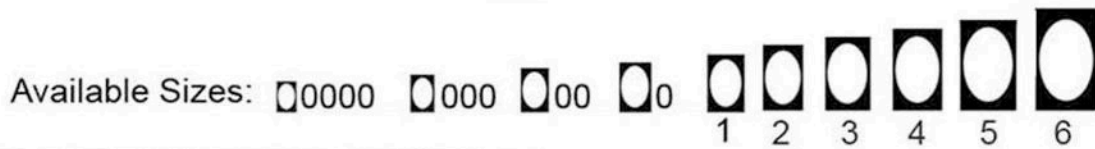
SET INCLUDES:

- 5 x Chisels
- 5/10/15/25mm
- 5 x Osteotomes
- 5/10/15/25mm
- 3 x Gouges
- 50/60/70mm Radius
- 1 x Handle Fibre
- 1 x Key



SP-90281

Chisel Handle Fibre w/Chisel-Osteotome-Gouge Blades 18.5 cm / 7 1/4"



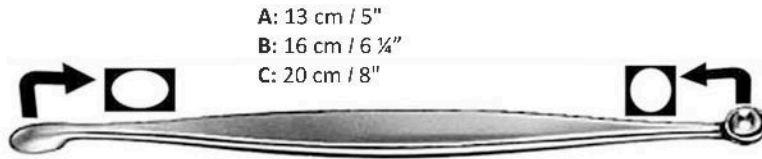
SP-90282

Volkmann Bone Curette 18.5 cm / 7 1/4" oval with plastic handle



SP-90283

Volkmann Bone Curette 27.5 cm / 10 3/4" oval with plastic handle



SP-90284

Volkman Bone Curette, double-ended (oval / round)



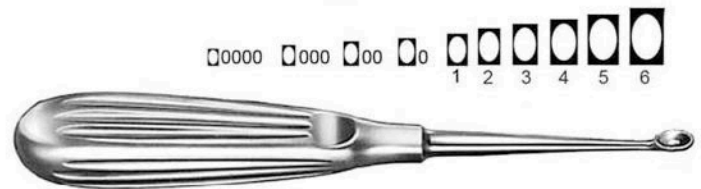
SP-90285

Bone Curette, double-ended (round / oval) 21 cm / 8 1/4"



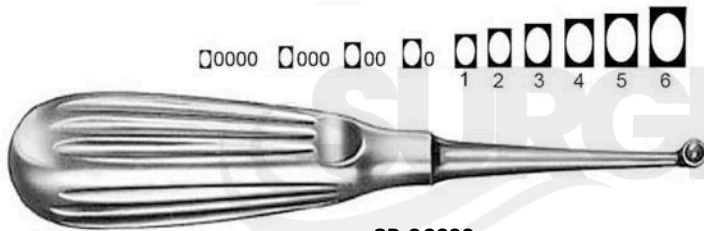
SP-90286

Schede Bone Curette 17 cm / 6 3/4" oval with hollow handle



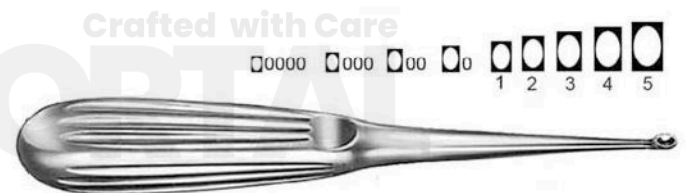
SP-90287

Volkman Bone Curette 17 cm / 6 3/4" oval, with hollow



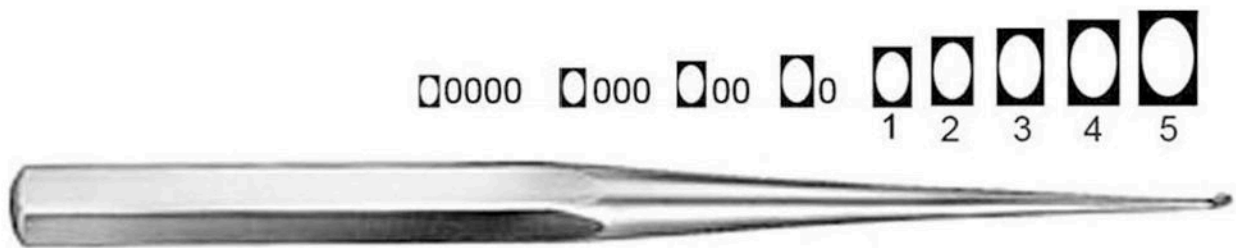
SP-90288

Bruns Bone Curette 17 cm / 6 3/4" Round, with hollow handle



SP-90289

Spratt Bone Curette 17 cm / 6 3/4" Oval, with hollow handle



SP-90290

Bruns Bone Curette 23 cm / 9" oval, solid



SP-90291

Scoville Bone Curette 25 cm / 9 3/4" oval, with hollow handle



SP-90292

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



SP-90293

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



SP-90294

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



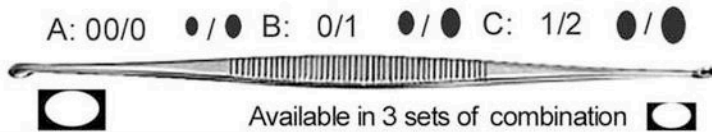
SP-90295

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



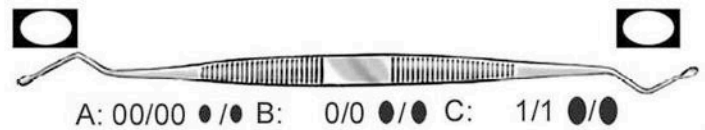
SP-90296

Halle Bone Curette 21 cm / 8 1/4" oval, malleable shaft, with hollow handle



SP-90297

Williger Bone Curette, double-ended 13.5 cm / 5 1/4" handle



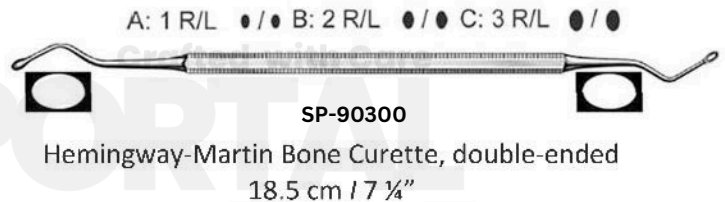
SP-90298

Williger Bone Curette, 17 cm / 6 3/4" double-ended oval / oval



SP-90299

Volkman Bone Curette, double-ended



SP-90300

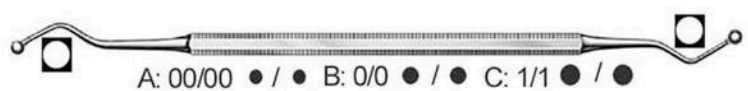
Hemingway-Martin Bone Curette, double-ended

18.5 cm / 7 1/4"



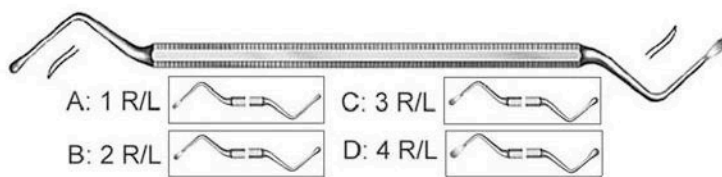
SP-90301

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



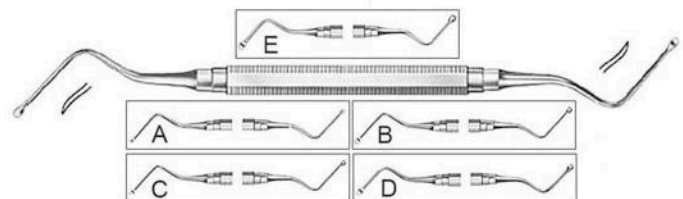
SP-90302

Hemingway Bone Curette, double-ended, round / round
18.5 cm / 7 1/4" octagonal handle



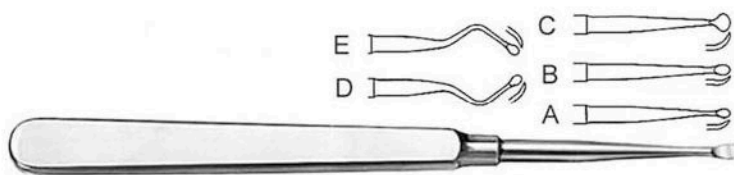
SP-90303

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



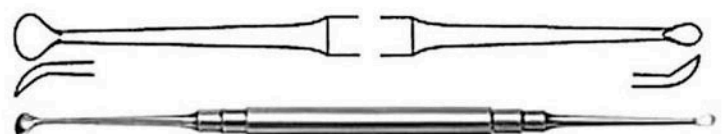
SP-90304

Miller-Colburn Bone Curette, double-ended 17 cm / 6 3/4"



SP-90305

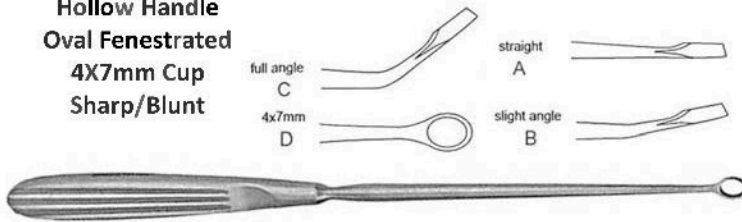
Molt Bone Curette 17 cm / 6 3/4"



SP-90306

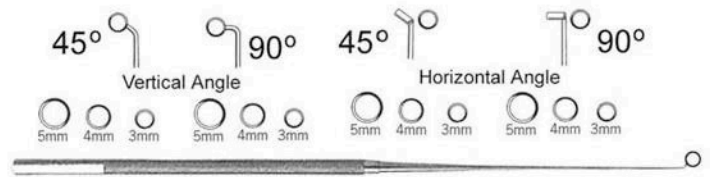
Molt Bone Curette 19 cm / 7 1/2" Round Handle

**Hollow Handle
Oval Fenestrated
4X7mm Cup
Sharp/Blunt**



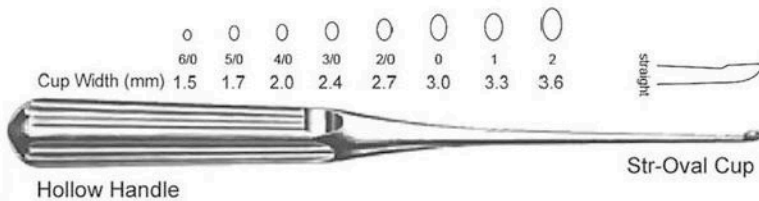
SP-90307

Semmes Ring Curette 23 cm / 9"



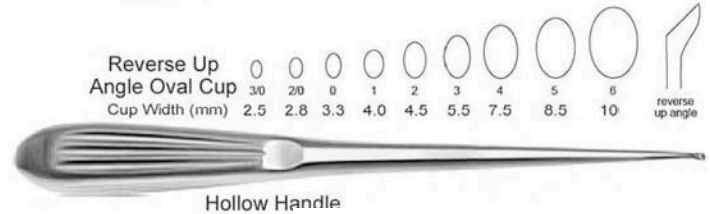
SP-90308

Ray Pituitary Curette 18 cm / 7 1/2"



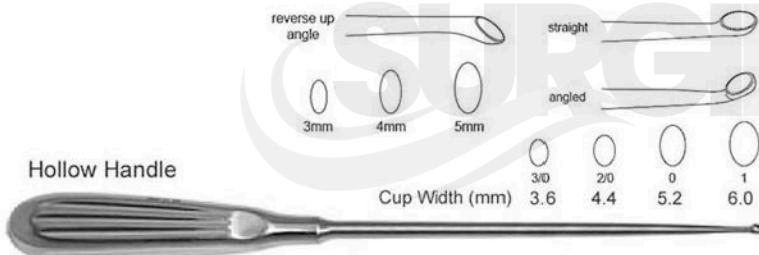
SP-90309

Lempert Curette 18 cm / 7 1/2"



SP-90310

Epstein Curette 18 cm / 7 1/2"



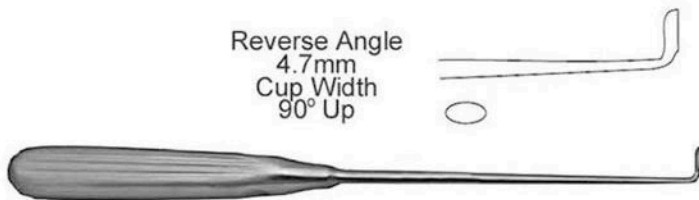
SP-90311

Bushe Curette 25 cm / 10"



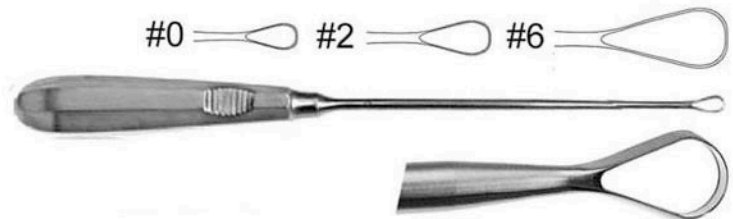
SP-90312

Spinal Fusion Curette 28 cm / 11"



SP-90313

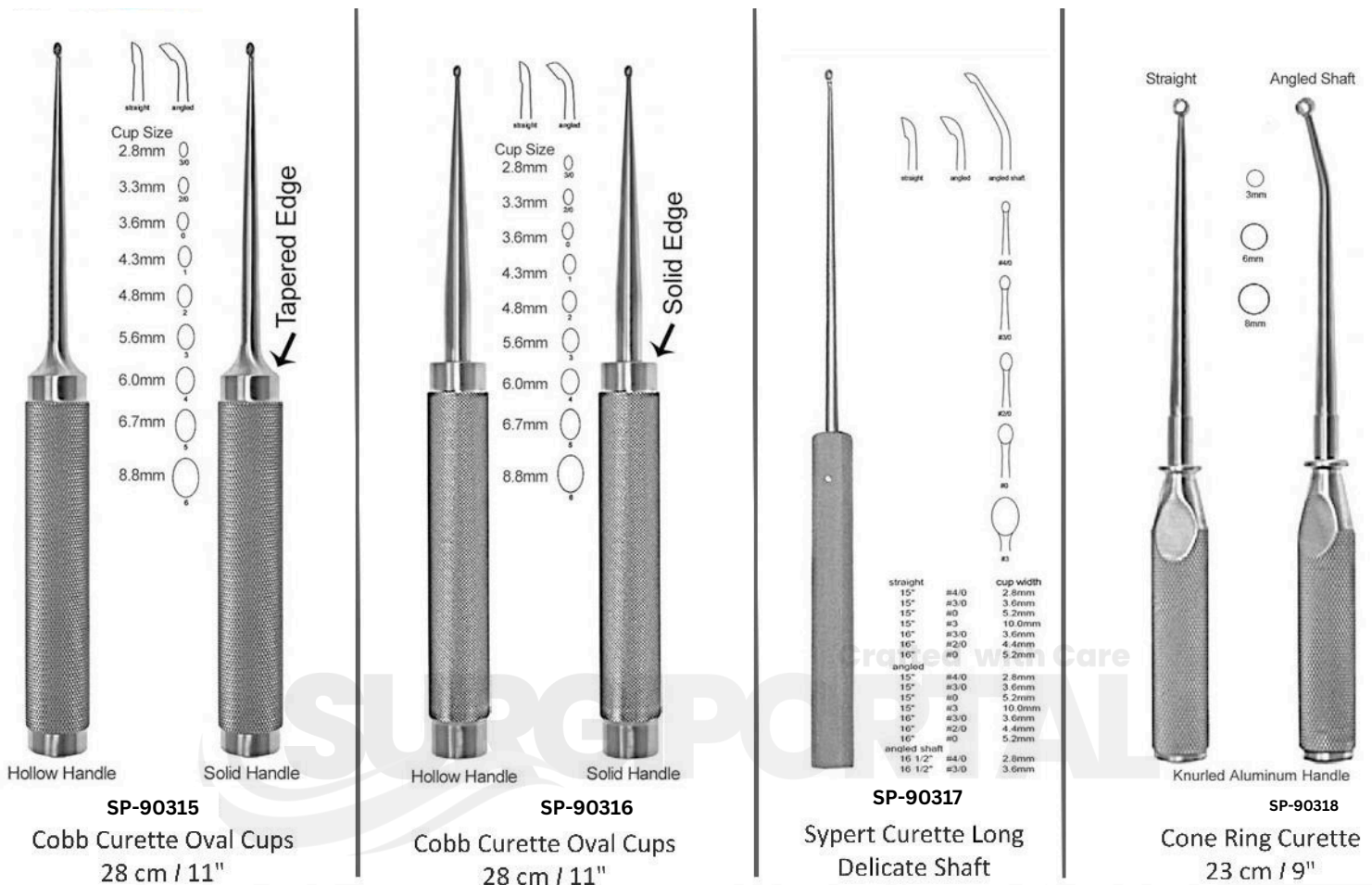
Scoville Curette 25 cm / 10"



SP-90314

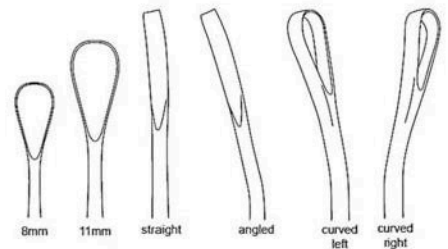
Ring Curette

A: 25 cm / 10" #0 6mm Cup D: 28 cm / 11 1/2" #0 6mm Cup
B: 25 cm / 10" #2 8mm Cup E: 28 cm / 11 1/2" #2 8mm Cup
C: 26 cm / 10 1/2" #6 14mm Cup F: 30 cm / 12 1/2" #6 14mm Cup



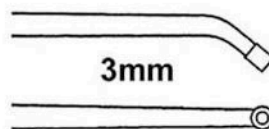
- A: Straight 8mm Sharp/Blunt
B: Straight 11 mm Sharp/Blunt
C: Angled 8mm Sharp/Sharp
D: Angled 11 mm Sharp/Sharp
E: Angled 8mm Sharp/Sharp Right Cvd

- F: Angled 11 mm Sharp/Sharp Right Cvd
G: Angled 8mm Sharp/Sharp Left Cvd
H: Angled 11 mm Sharp/Sharp Left Cvd

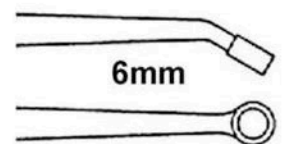


Zielke Ring Curette 34 cm / 13 1/2" TEFLON Handle

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



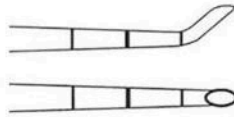
20" Angled 30°
6mm Diameter
3 1/2" Tip Length
10" Shaft Length
6 1/2" Handle Length
45" (11.5mm)
Shaft Diameter



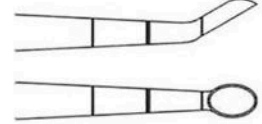
Cone Ring Curette Endoscopic Fibre Handle



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



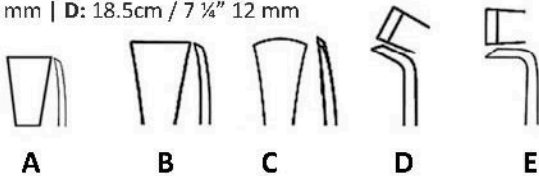
20" Reverse Angled 30°
6mm x 9mm cup 3 1/2"
Tip Length 10" Shaft
Length 6 1/2" Handle
Length .45 (7.2mm)
Shaft Diameter



SP-90321

Epstein Curette Endoscopic Fibre Handle

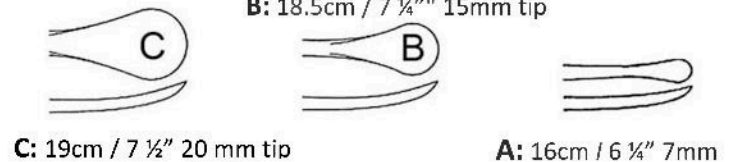
A: 17cm / 6 3/4" 8mm | B: 19cm / 7 1/2" 16 mm | E: 18.5cm / 7" 12 mm
C: 19cm / 7 1/2" 16 mm | D: 18.5cm / 7 1/4" 12 mm



SP-90322

Martin-Langenbeck Periosteal Elevator (Solid)

B: 18.5cm / 7 1/4" 15mm tip



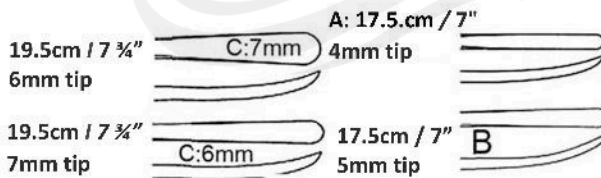
C: 19cm / 7 1/2" 20 mm tip

A: 16cm / 6 1/4" 7mm



SP-90323

Martin-Langenbeck Periosteal Elevator (Solid)



SP-90324

Martin-Langenbeck Periosteal Elevator (Solid)



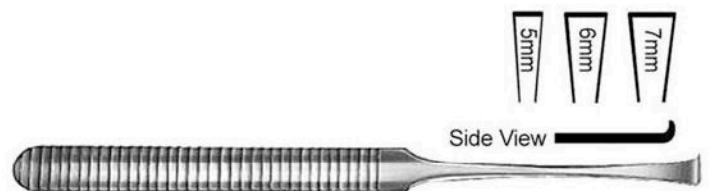
SP-90325

Langenbeck Periosteal Elevator 18.5 cm / 7 1/4"
With hollow handle



SP-90325

Langenbeck Periosteal Elevator 19.5 cm / 7 3/4"
With hollow handle



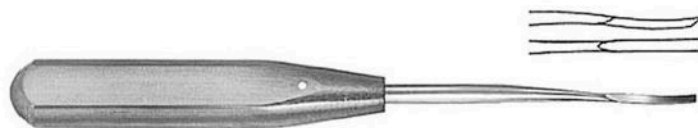
SP-90326

Periosteal Elevator 16 cm / 6 1/4" Delicate, solid



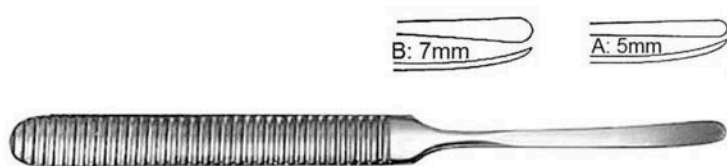
SP-90327

Farabeuf Periosteal Elevator 15 cm / 6"
With hollow handle



SP-90328

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



SP-90329

Kahre-Williger 16 cm / 6 1/4"
Periosteal Elevator solid



SP-90330

Kahre-Williger Periosteal Elevator solid
16cm / 6 1/4"



SP-90331

Farabeuf Periosteal Elevator
15 cm / 6" with hollow handle



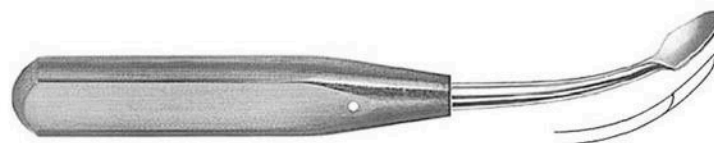
SP-90332

Sedillot Periosteal Elevator 22 cm / 8 3/4" (15mm tip)



SP-90333

Periosteal Elevator 20 cm / 8" (14 mm Tip)
With plastic handle



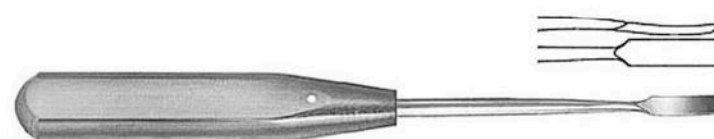
SP-90334

Periosteal Elevator 19 cm / 7 1/2"
(14 mm Tip) with plastic handle



SP-90335

Periosteal Elevator 6mm Tip
18 cm / 7" narrow, plastic handle



SP-90336

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



SP-90337

Williger Periosteal Elevator
12.5 cm / 5" solid 5mm Tip

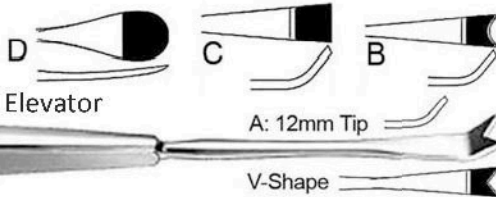


SP-90338

Periosteal Elevator,
Double ended 17.5 cm / 7"

SP-90339

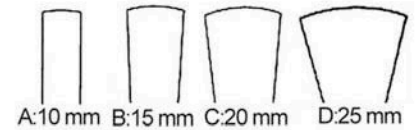
Semb Periosteal Elevator



A+D: 21cm / 8 1/4" & **B+C:** 18.5 cm / 7 1/4"

A: V-shape 12mm | **B:** Inside round 12mm

C: Straight 13mm | **D:** Outer round 15mm



A: 10 mm **B:** 15 mm **C:** 20 mm **D:** 25 mm



SP-90340

Lambotte Periosteal Elevator 21.5 cm / 8 1/2"



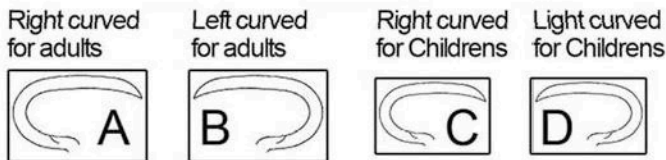
SP-90341

Periosteal Elevator 20 cm / 8" with plastic handle



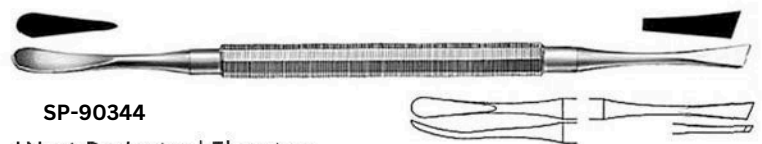
SP-90342

Periosteal Elevator 17 cm / 6 3/4" with hollow handle



SP-90343

Doyen Rib Raspatory 17.5 cm / 7" Rib Raspatories with
hollow handle



SP-90344

West Periosteal Elevator,
Double-ended 18.5 cm / 7 1/4" octagonal handle

SP-90345

Williger Elevator
17 cm / 6 3/4" 7mm tip



SP-90346

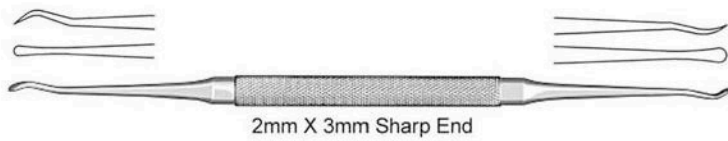
Williger Elevator
16 cm / 6 1/4" (5.5mm tip)



SP-90347

Elevator 17 cm / 6 3/4" Light weight





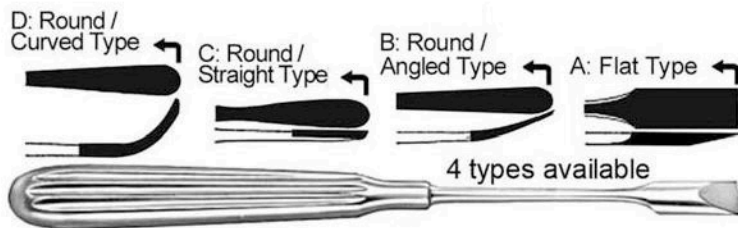
SP-90348

Kleinert Kutz Elevator 14 cm / 5 1/2"



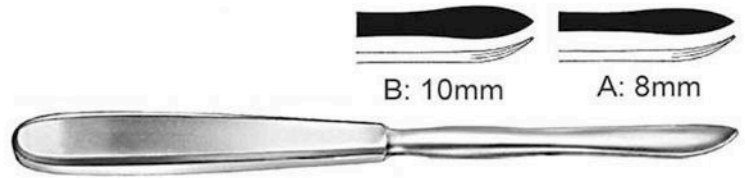
SP-90349

Vickers Dissector 17 cm / 6 3/4"



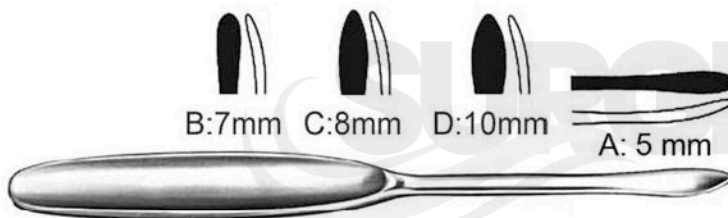
SP-90350

Adson Elevator 17.5 cm / 7" A/B/C/D



SP-90351

Langenbeck Elevator 19.5 cm / 7 3/4" A/B



SP-90352

Martin Langenbeck Elevator 17 cm / 6 3/4" A/B/C | D: 19.5 cm / 7 3/4"



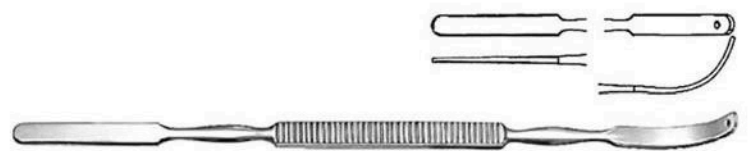
SP-90353

Phalangeal Elevator 16cm / 6 1/4"



SP-90354

Alderdyce Dissector, double-ended 21 cm / 8 1/4"



SP-90355

McDonald Dissector, double-ended 18.5 cm / 7 1/4"



SP-90356

Freer Elevator 19 cm / 7 1/2"



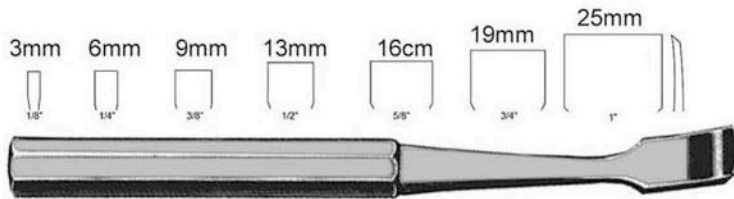
SP-90357

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



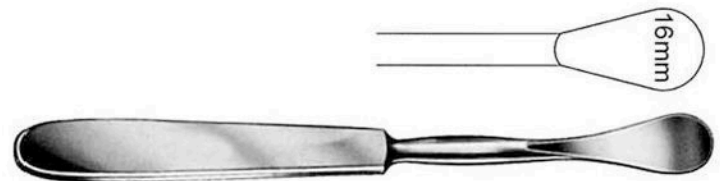
SP-903528

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



SP-90359

Key Elevator 19 cm / 7 1/2" Sharp Edge



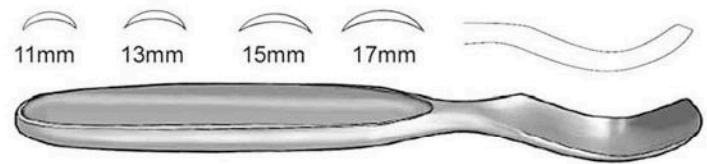
SP-90360

Sedilot Elevator 18 cm / 7" Sharp Edge



SP-90361

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



SP-90362

McGiamry Metatarsal Elevator 16 cm / 6 1/2" Sharp

- A: 19cm / 7 1/2" 13mm
- B: 20cm / 8" 19mm
- C: 23cm / 9" 25mm
- D: 25.5cm / 10" 30mm



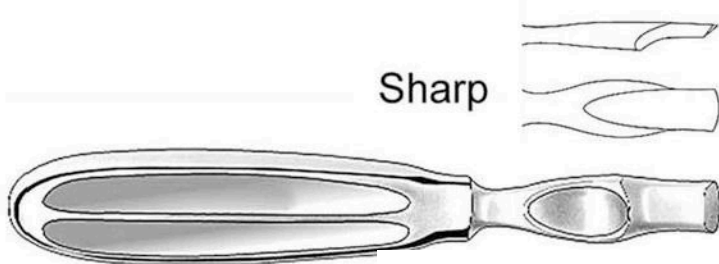
SP-90363

Chandler Elevator Blunt



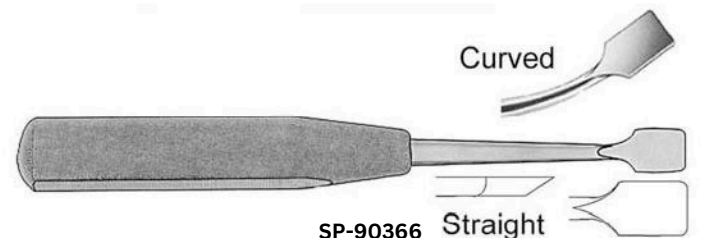
SP-90364

Sayre Elevator 16 cm / 6 1/2"
A: Sharp / Blunt B: Blunt/ Blunt



SP-90365

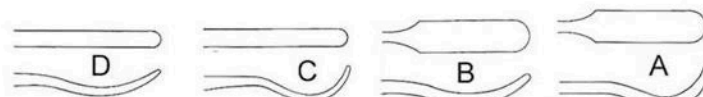
Kirmission Periosteal Respiratory 17 cm / 6 3/4"



SP-90366

Periosteal Elevator 17cm / 6 3/4" Fibre Handle
13mm Blade Sharp

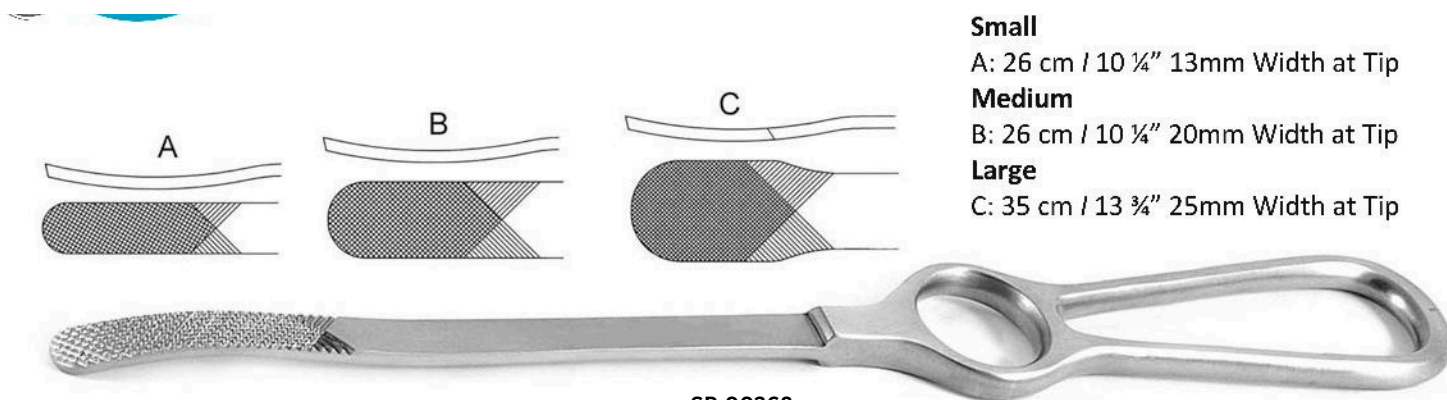
- A: 14mm Full Curves
- B: 14mm Slight Curves
- C: 7mm Full Curves
- D: 7mm Slight Curves



SP-90367

Crego Periosteal Elevator 19 cm / 7 3/4" Sharp





Small

A: 26 cm / 10 1/4" 13mm Width at Tip

Medium

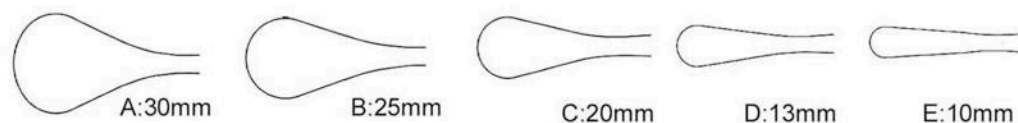
B: 26 cm / 10 1/4" 20mm Width at Tip

Large

C: 35 cm / 13 3/4" 25mm Width at Tip

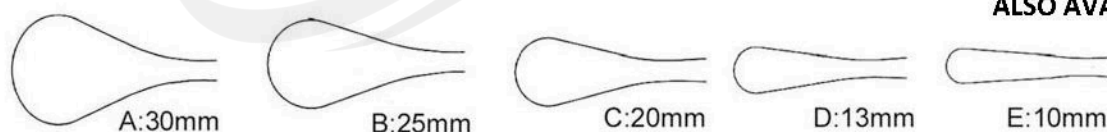
SP-90368

Darraeh Elevator Blunt



SP-90369

Cobb Spinal Elevator Sharp 24cm / 9 1/2" Hexa Handle

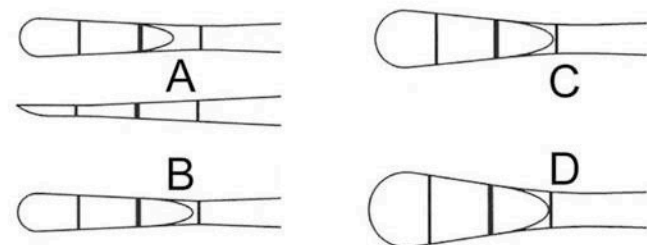


ALSO AVAILABLE WITH FIBRE HANDLE



SP-90370

Spinal Elevator Sharp 28 cm / 11" Knurled Handle



A: 43cm / 17"
6mm Tip Width
2.7" Tip Length
9.3" Shaft Length
5" Handle Length
7.2mm Shaft Dia

B: 50cm / 20"
6mm Tip Width
3 1/2" Tip Length
10" Shaft Length
6 1/2" Handle L
11.5mm Shaft Dia

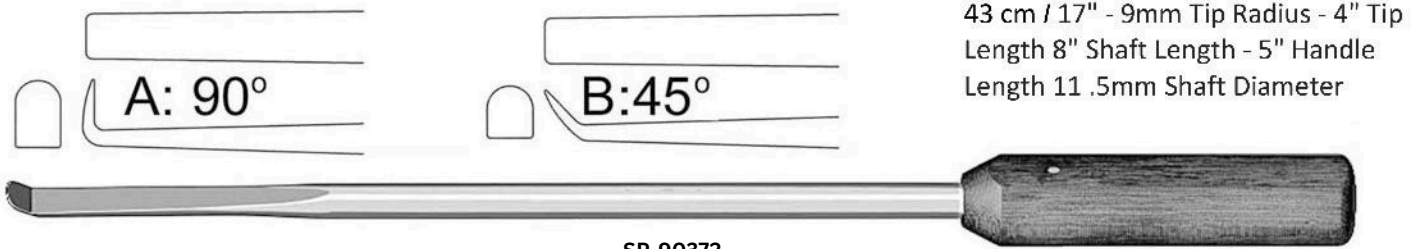
C: 50cm / 20"
10mm Tip Width
3 1/2" Tip Length
10" Shaft Length
6 1/2" Handle L
11.5mm Shaft Dia

D: 50cm / 20"
13mm Tip Width
3 1/2" Tip Length
10" Shaft Length
6 1/2" Handle L
11.5mm Shaft Dia



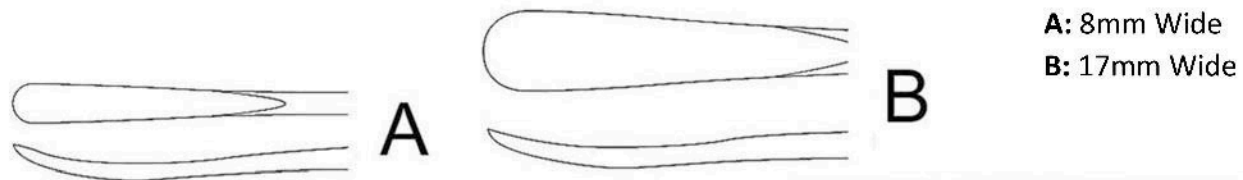
SP-90371

Cobb Elevator Endoscopic Sharp / Fibre Handle



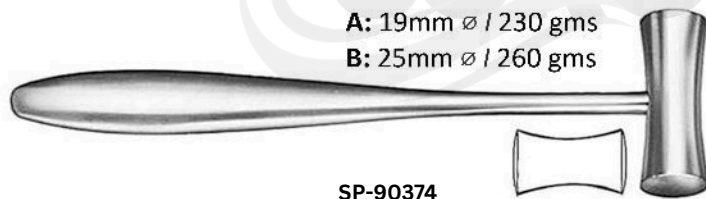
SP-90372

Rib Elevator Endoscopic Sharp / Fibre Handle



SP-90373

Wagner Elevator Sharp / Fibre Handle 33 cm / 13"



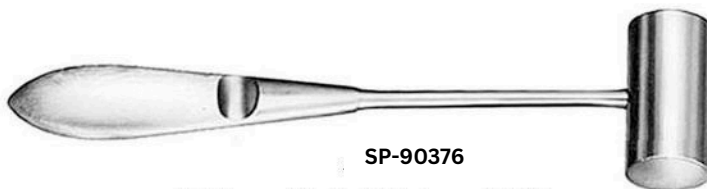
SP-90374

Lucae Mallet 19.5 cm / 7 ¾"



SP-90375

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



SP-90376

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



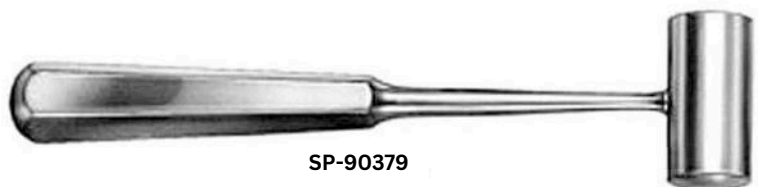
SP-90377

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



SP-90378

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



SP-90379

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





SP-90380

Mallet 26 cm / 10 ¼" with lead filling
42mm Ø / 400 gms



SP-90381

Mallet 26 cm / 10 ¼" without lead filling
42mm Ø / 400 gms

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



SP-90381

Williger Mallet 24 cm / 9 ½" lead filled
42mm Ø / 400 gms



SP-90382

Mallet 30 mm Ø / 675 gms
26.5 cm / 10 ½" plane (Teflon) / convex (steel)



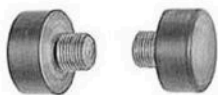
SP-90383

Mallet 26 cm / 10 ¼"
42 / 30mm Ø / 530 gms

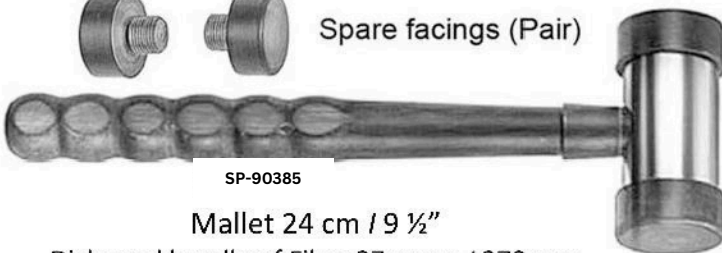


SP-90384

Mallet 24 cm / 9 ½"
30 mm Ø / 480 gms



Spare facings (Pair)



SP-90385

Mallet 24 cm / 9 ½"
Disks and handle of Fiber 37 mm Ø / 370 gms



SP-90386

Mallet 22 cm / 8 ¾"
30 mm Ø / 125 gms



SP-90387

Mallet 26.5 cm / 10 ½" | 30 mm Ø / 450 gms

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



SP-90388

Doyen Mallet



SP-90389

Herbert Mallet 19 cm / 7 ½"
For ulnar head prosthesis



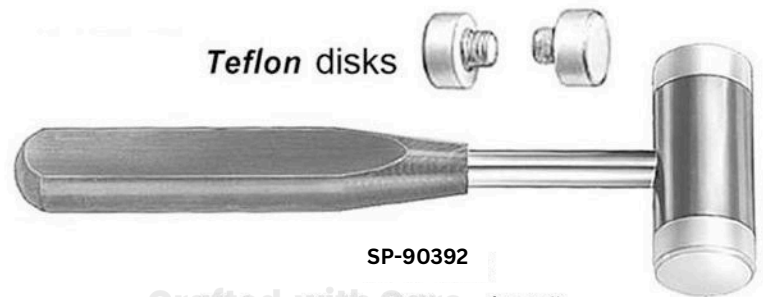
SP-90390

Collin Mallet 20 cm / 8"
23 mm Ø / 220 gms



SP-90391

Mallet 26.5 cm / 10 ½"
50 mm Ø / 900 gms



SP-90392

Vickers Mallet 19 cm / 7 ½"
25 mm Ø / 300 gms



SP-90393

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



SP-90394

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



SP-90395

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

Head Weight: 20 oz (567 grams)



SP-90396

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



SP-90397

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



Fibre Handle SP-90398

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



SP-90399

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



Fibre Handle

SP-90400

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



SP-90401

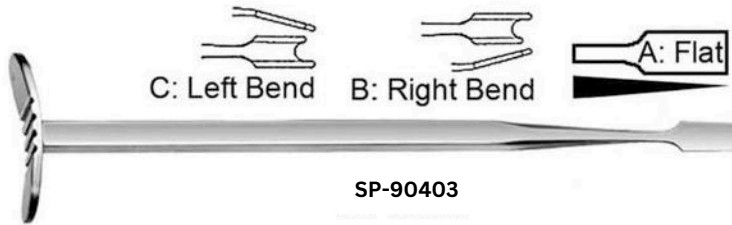
B: Head Dia 35mm1Weight 11b 40 oz. (570gm)
C: Head Dia 40mm1Weight 11b 90 oz. (708gm)

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

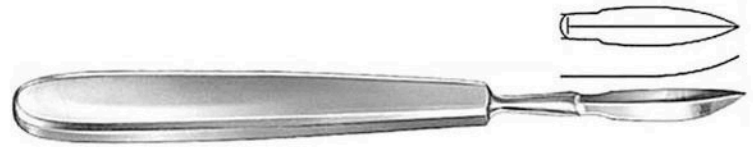


SP-90402

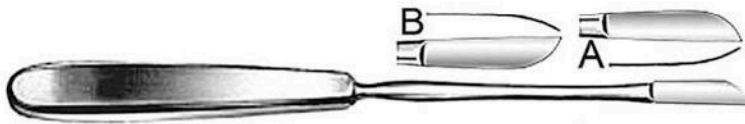
He-Man Mallet 28cm / 11"
Head Dia 38mm / 24mm / Weight 21b (906gm)



SP-90403
Smillie Meniscus Knife 18 cm / 7"



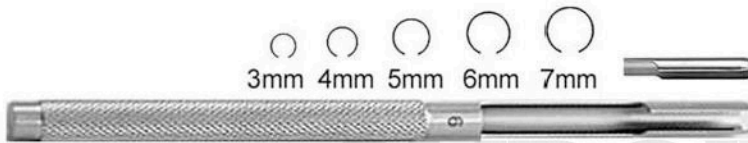
SP-90404
Meniscus Knife 18 cm / 7"



SP-90405
Neff Meniscus Knife 22 cm / 8 3/4"



SP-90406
Salenius Meniscus Knife 21 cm / 8 1/4" A: Right / B: Left



SP-90407
Bunnell Tendon Stripper 15 cm / 6"



SP-90408
Fischer Tendon Stripper 31 cm / 12 1/4" Blunt



SP-90409
Tendon Passing Instrument 33.5 cm / 13 1/4"



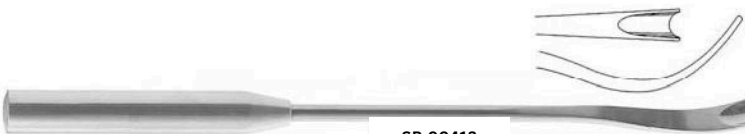
SP-90410
Fischer Tendon Stripper 31 cm / 12 1/4" Blunt



SP-90411
Tendon Stripper 3 / 4 / 5 / 6mm
A: 28.5 cm / 11 1/4" B: 60 cm / 24"



SP-90412
Bunnell Tendon Passer 23 cm / 9" Malleable



SP-90413
Downing Cartilage Knife 25 cm / 10"
Concave Edge Cvd Blade w/ Guards



SP-90414
Lowe Breck Cartilage Knife 25cm/10" STR Edge-Cvd Blade w / Guards

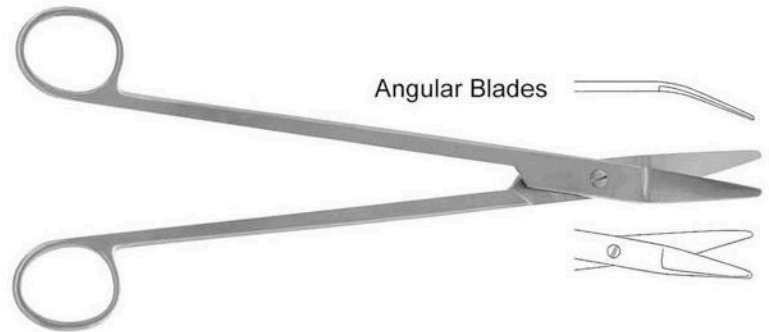


SP-90415
Tendon Stripper 40 cm / 16" Fibre Handle



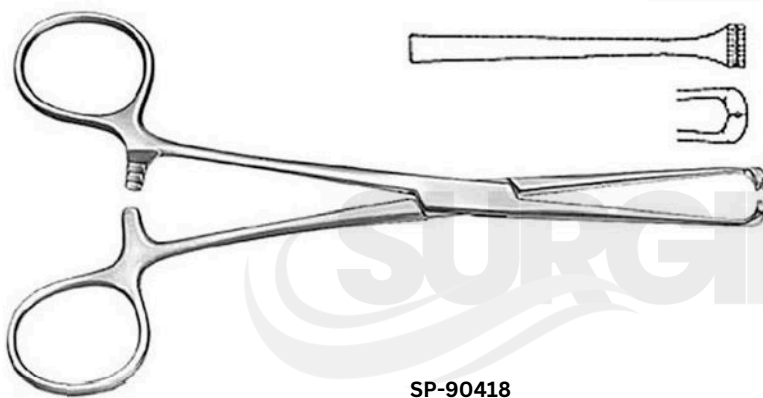
SP-90416

Martin Cartilage Scissors 20cm / 8"



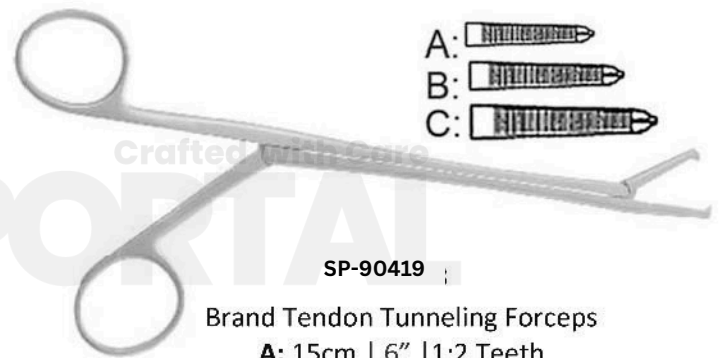
SP-90417

Mueller Capsule Scissors 24 cm / 9 1/2"



SP-90418

Steinmann Tendon Holding Forceps 16 cm / 6 1/4"



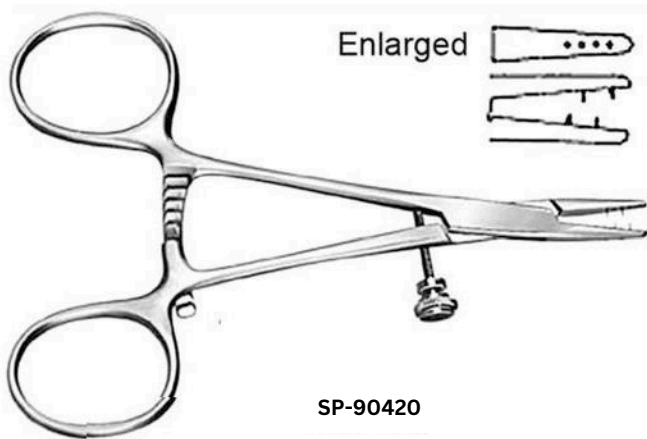
SP-90419

Brand Tendon Tunneling Forceps

A: 15cm | 6" | 1:2 Teeth

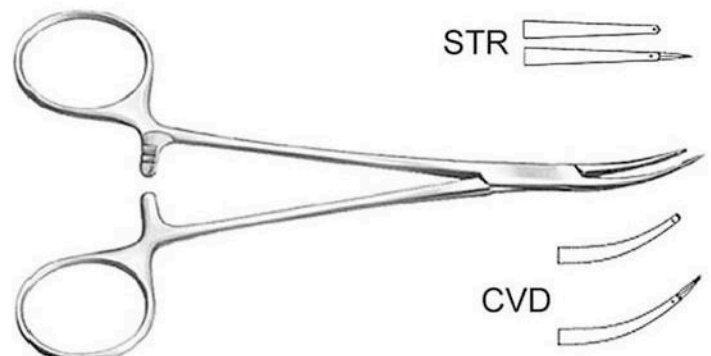
B: 19cm | 7 1/2" | 1:2 Teeth

C: 24.5cm | 9 3/4" | 1:2 Teeth



SP-90420

Tendon Holding Forceps
11.5cm / 4 1/2"



SP-90421

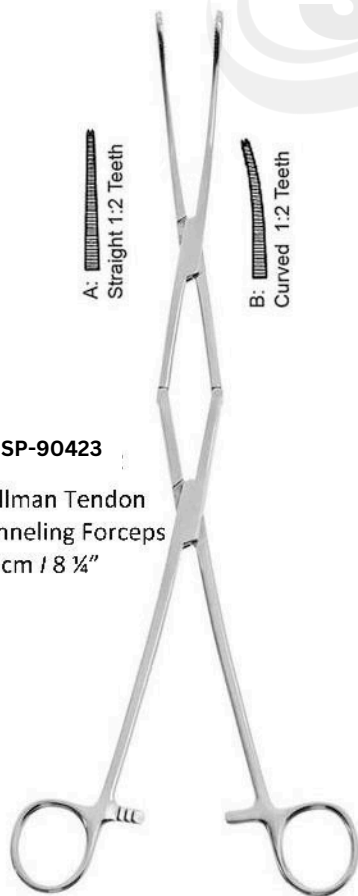
Tendon Interlacing Forceps
15.5 cm / 6" Pointed



SP-90422

Carroll Tendon Holding Forceps
11.5 cm / 4 1/2"

Crafted with Care

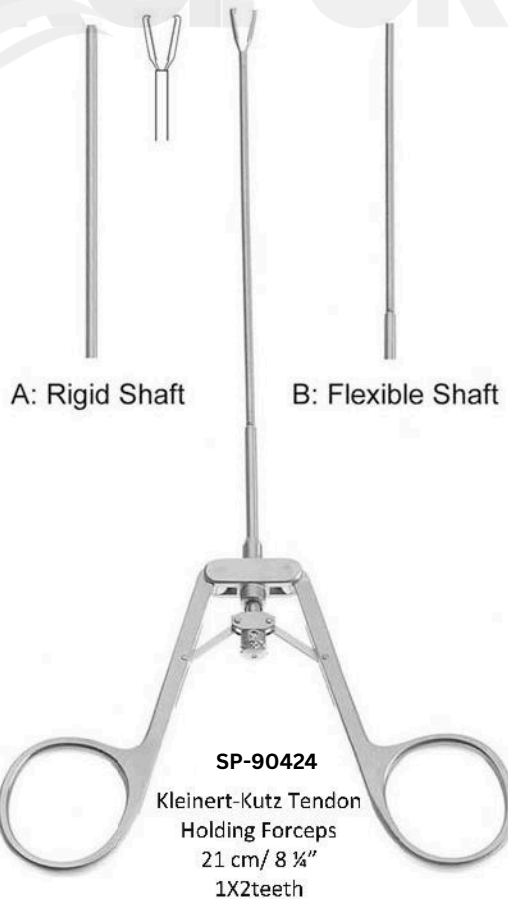


A: Straight 1:2 Teeth

B: Curved 1:2 Teeth

SP-90423

Hallman Tendon
Tunneling Forceps
21 cm / 8 1/4"



A: Rigid Shaft

B: Flexible Shaft

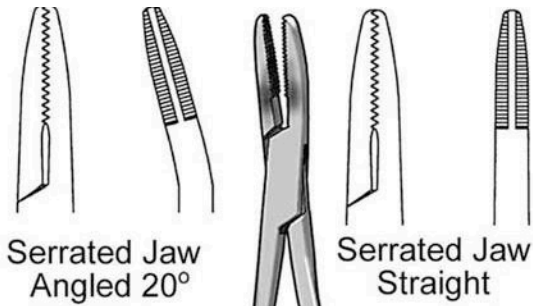
SP-90424

Kleinert-Kutz Tendon
Holding Forceps
21 cm / 8 1/4"
1X2teeth

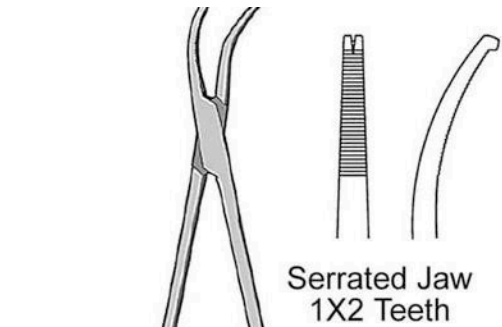


SP-90425

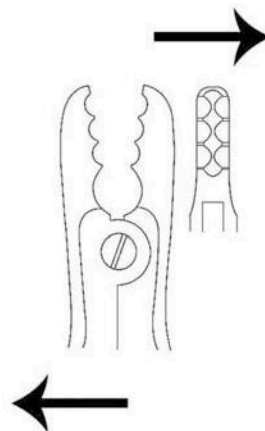
Hoen Grasping Forceps
14 cm / 5 1/2" (Shaft)
1X2 teeth



SP-90426
 Meniscus Clamp
 13.5 cm / 5 3/8" 1X2 teeth

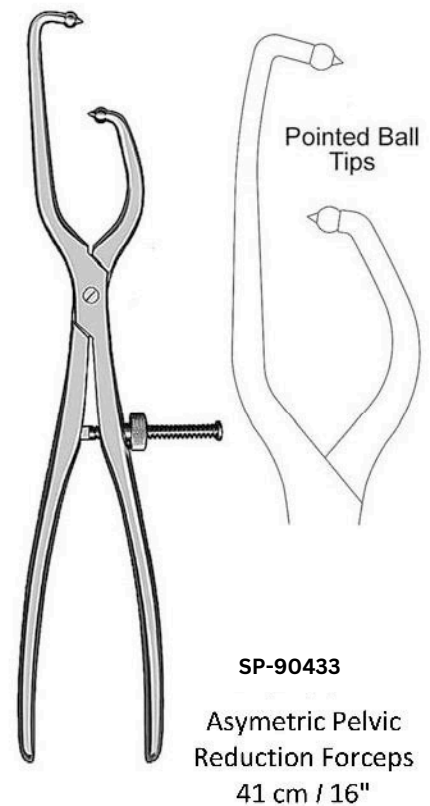
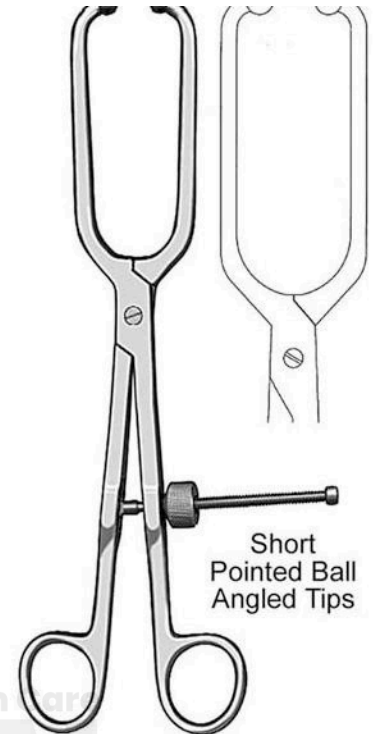
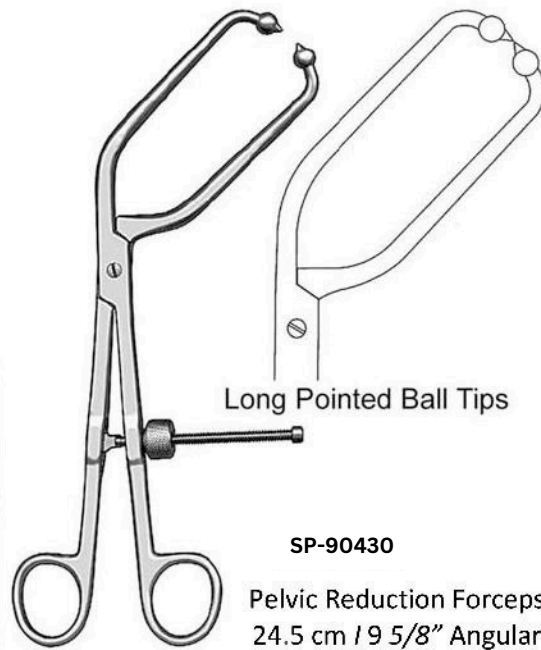
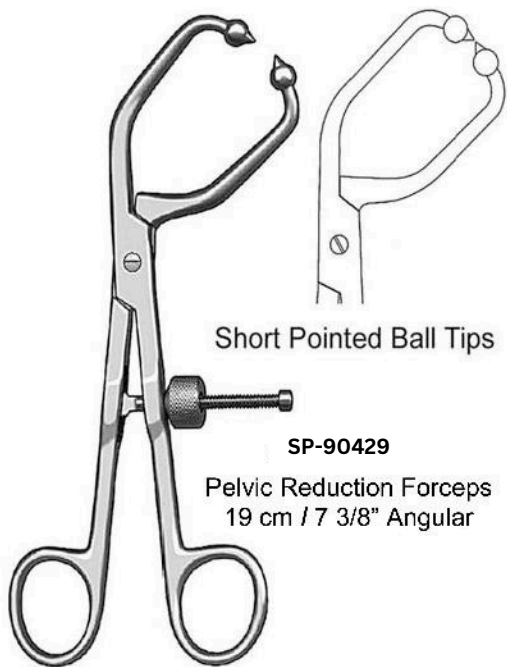


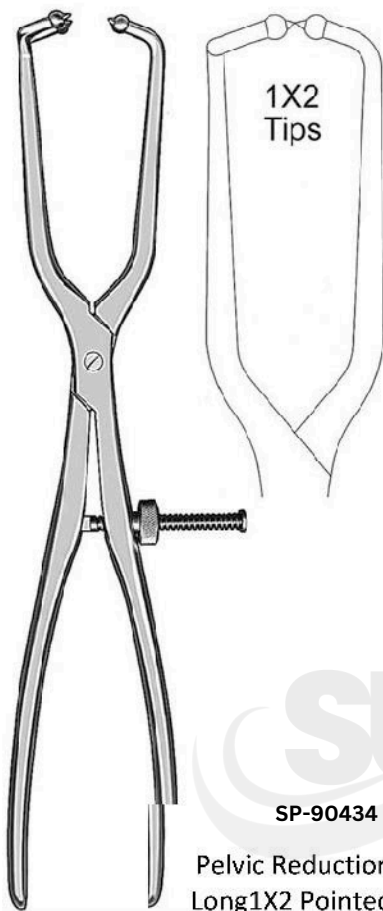
SP-90427
 Preston Ligamentum Flavum Forceps
 (Meniscus) 18.5 cm / 7 1/4"



SP-90428
 Ortho Grasper 21 cm / 8 1/2"
 7 X 20 MM Bite

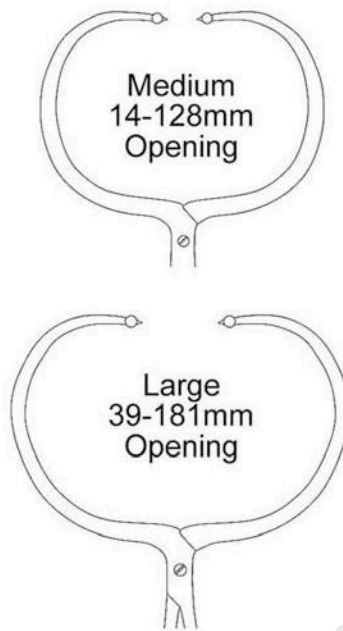






SP-90434

Pelvic Reduction Forceps
Long 1X2 Pointed Ball Tips
41 cm / 16"



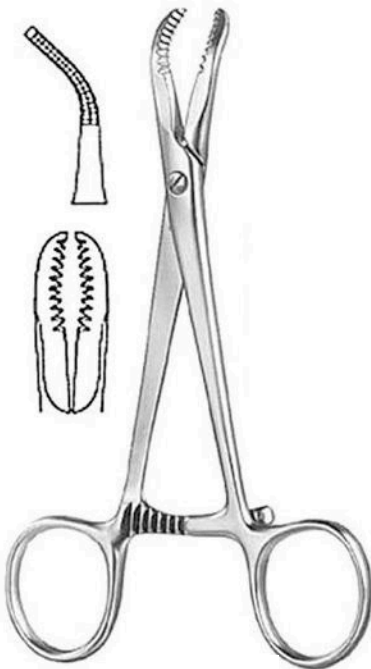
SP-90435

Periarticular Reduction Forceps
Straight / Pointed Ball Tips
38 cm / 15"



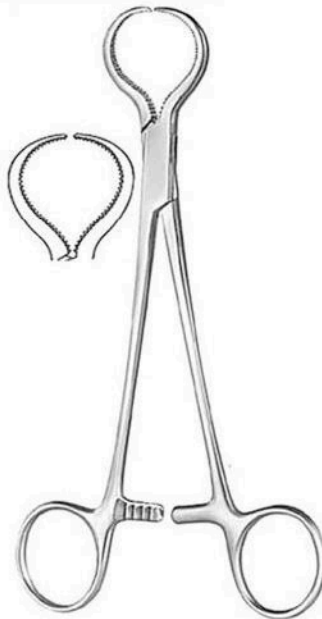
SP-90436

Pelvic Reduction Forceps
Adjustable Jaws for Screws
A: 25 cm / 10" B: 33 cm / 13"



SP-90437

Bone Holding Forceps
14 cm / 5 1/2"



SP-90438

Lewin Bone Holding Forceps
18.5 cm / 7 1/4"



SP-90439

Bone Holding Forceps
14 cm / 5 1/2" Delicate



SP-90440

Frosch Bone Holding Forceps 18 cm / 7"



SP-90441

Bone Holding Forceps 20 cm / 8"



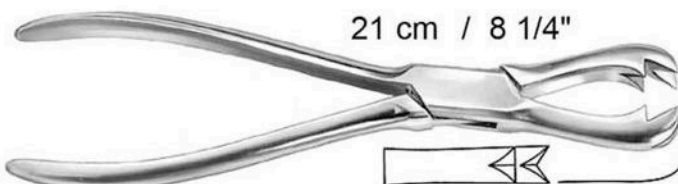
SP-90442

Semb Bone Holding Forceps 19 cm / 7 1/2"



SP-90443

Lengenbeck Bone Holding Forceps 21 cm / 8 1/4"



SP-90444

Fergusson Bone Holding Forceps Heavy pattern
21 cm / 8 1/4"



SP-90445

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



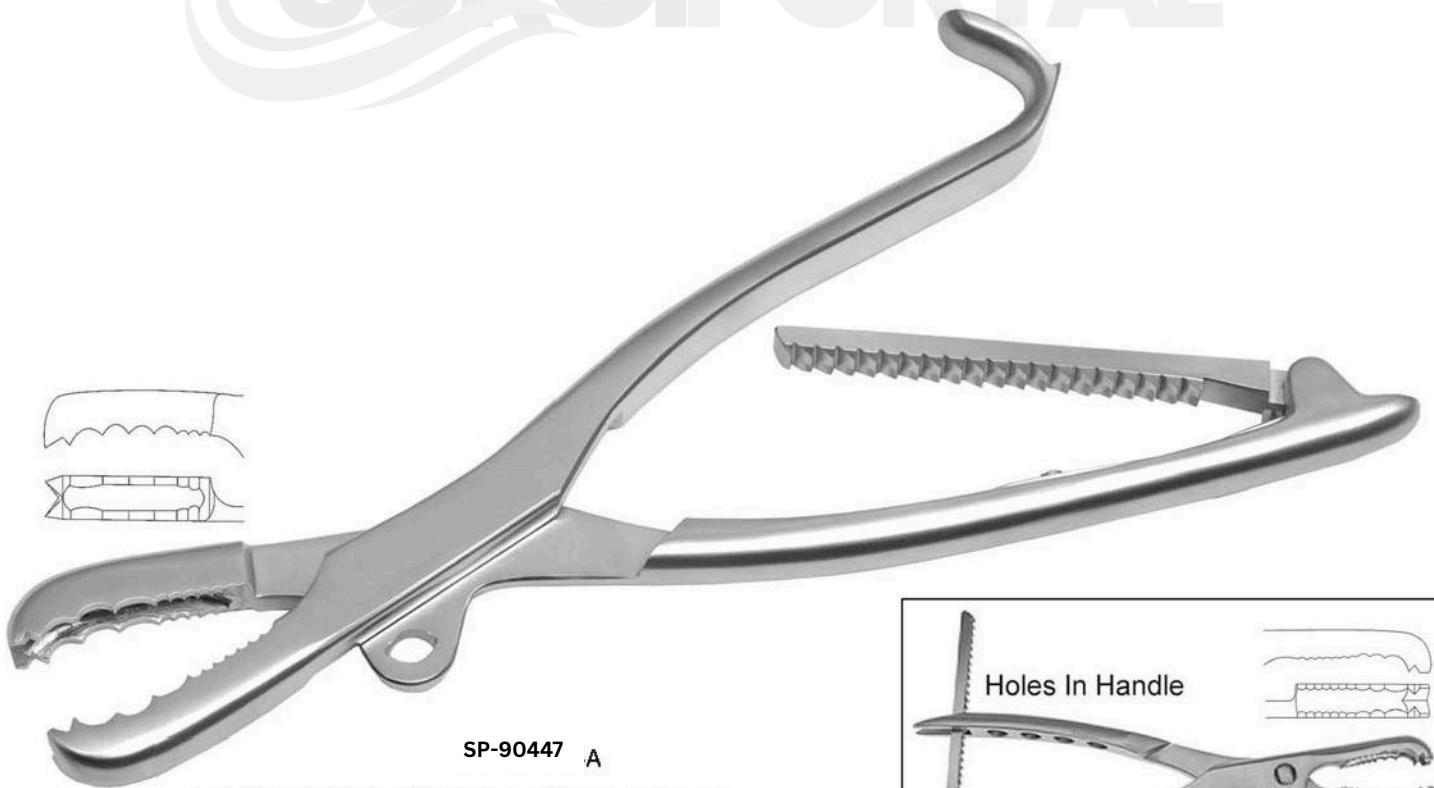
SP-90446

Kern Bone Holding Forceps

A: 17 cm / 6 $\frac{3}{4}$ "

B: 21 cm / 8 $\frac{1}{4}$ "

Crafted with Care

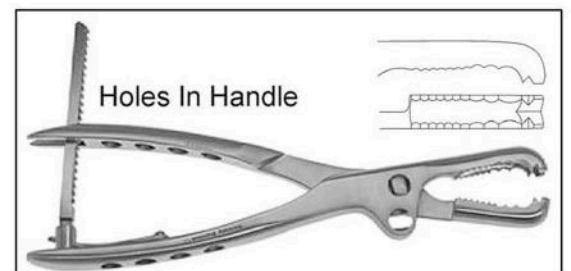


SP-90447 A

Farabeuf Lambotte Bone Holding Forceps

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

Adjustable / with Ratchet



SP-90448





SP-90449

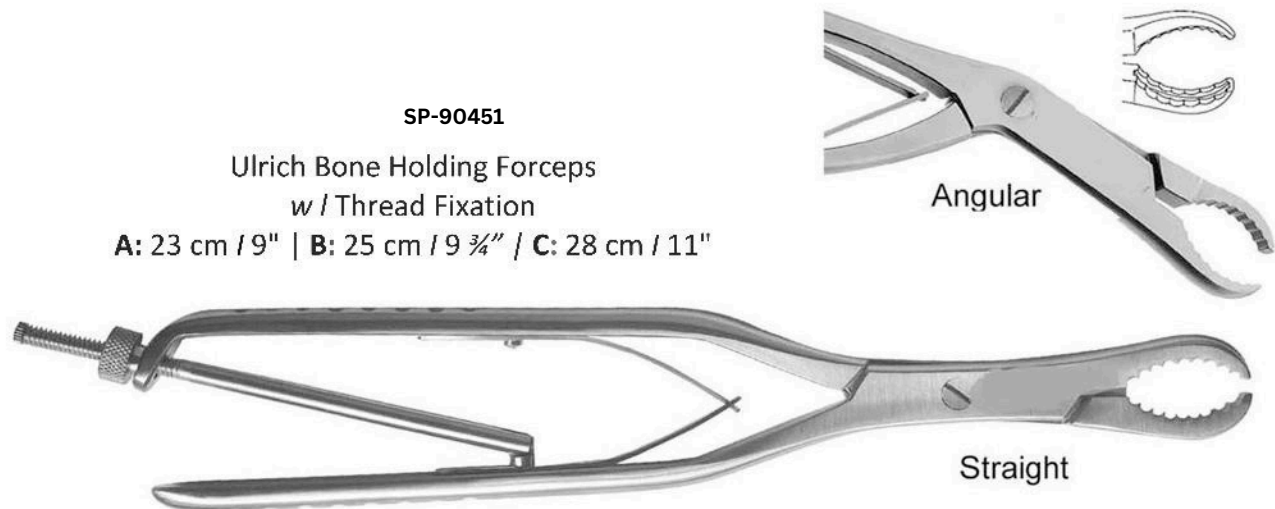
Lambotte Bone Holding Forceps
w / Swivel Head, Adjustable Jaw

A: 22 cm | 8 ¾" | **B:** 27 cm | 10 ¾" | **C:** 30 cm | 11 ¾"



SP-90450

Ulrich Bone Holding Forceps
w / Thread Fixation 19 cm / 7 ¼"



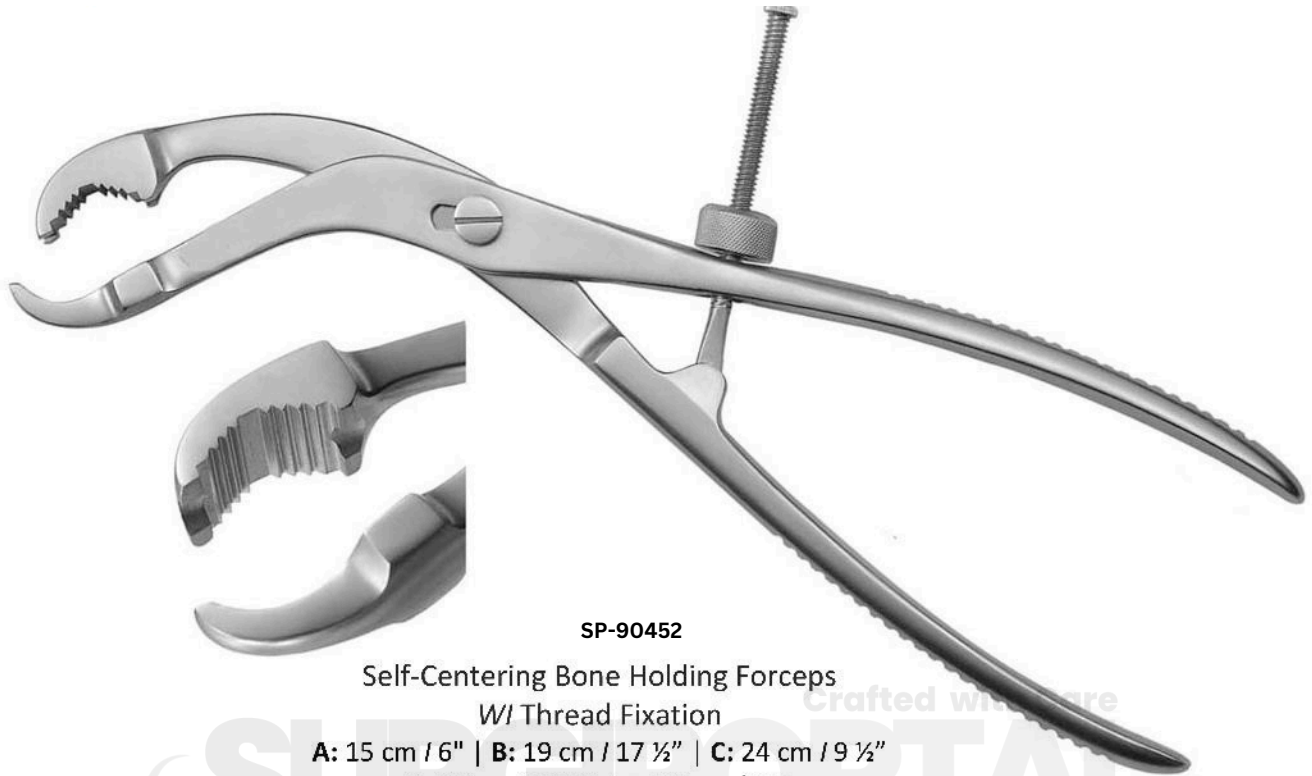
SP-90451

Ulrich Bone Holding Forceps
w / Thread Fixation

A: 23 cm / 9" | **B:** 25 cm / 9 ¾" | **C:** 28 cm / 11"

Angular

Straight



SP-90452

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"



SP-90453

Lane Bone Holding Forceps w / Ratchet

A: 33 cm / 13"
B: 45 cm / 17 ¾"

SP-90454

Without Ratchet



SP-90455

Hey Groves Bone Holding Forceps

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



SP-90456

Verbrugge Bone Holding Forceps

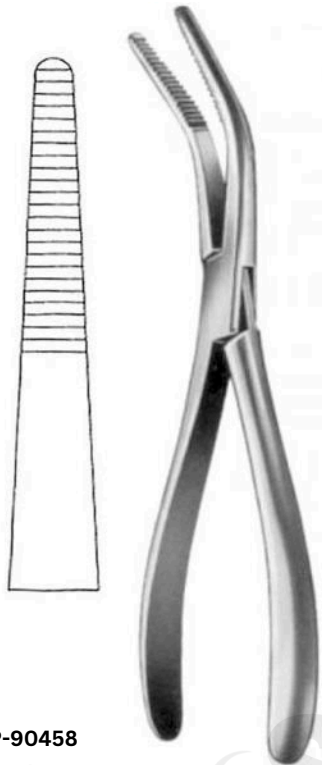
A: 17.5 cm / 7" | **B:** 25 cm / 9 ¾"
C: 26 cm / 10 ¼" | **D:** 27 cm / 10 ¾"



SP-90457

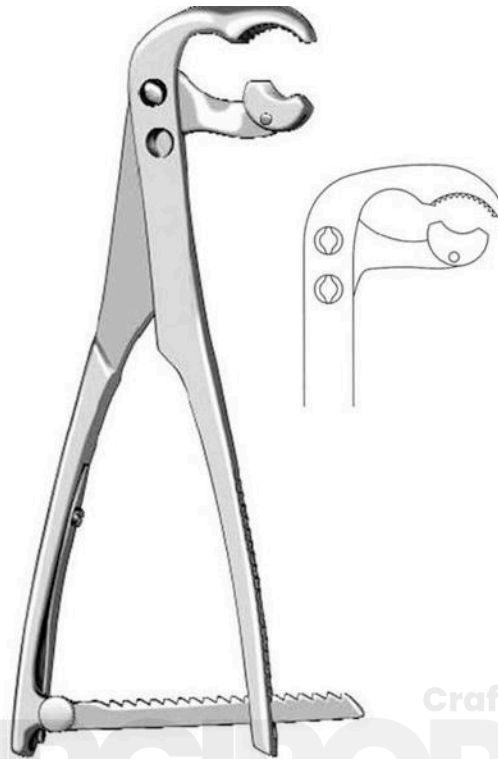
Smooth Jaws Bone Holding Forceps

23 cm / 9"



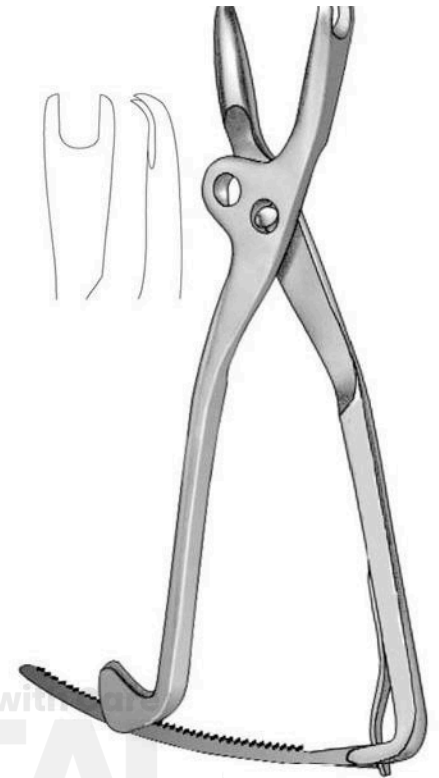
SP-90458

Van Buren Bone Holding Forceps
 21.5 cm / 8 ½"



SP-90459

Angled Bone Holding Forceps 23 cm / 9"



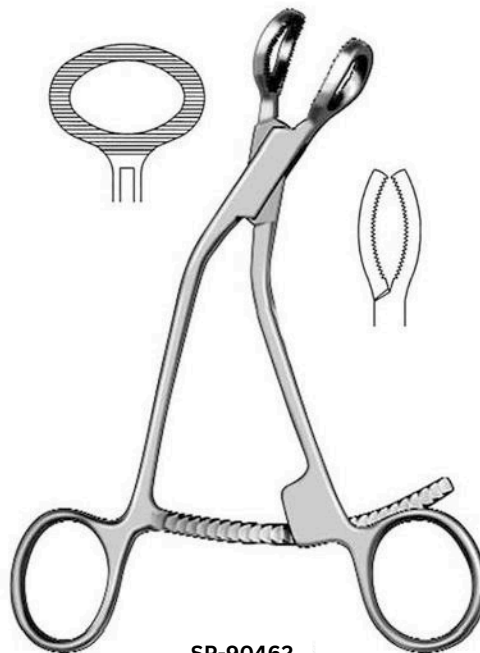
SP-90460

Bishop Bone Holding Forceps 23 cm / 9"



SP-90461

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



SP-90462

Bishop Bone Holding Forceps
 23 cm / 9"

1X2 Prong



2X2 Prong

SP-90463

Patella Forceps 18 cm / 7"



SP-90464

Hayton Williams Forward Traction Forceps
Broad Tips 23 cm / 9"



SP-90465

Fibula Bone Holding Forceps
21 cm / 8 ½"



SP-90466

Bone Holding Forceps
w/ Thread Fixation
15 cm / 6"



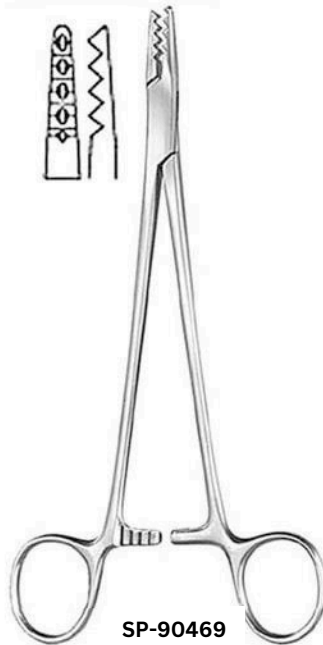
SP-90467

Semb Bone Holding Forceps
Curved Sideward
21 cm / 8 ½"



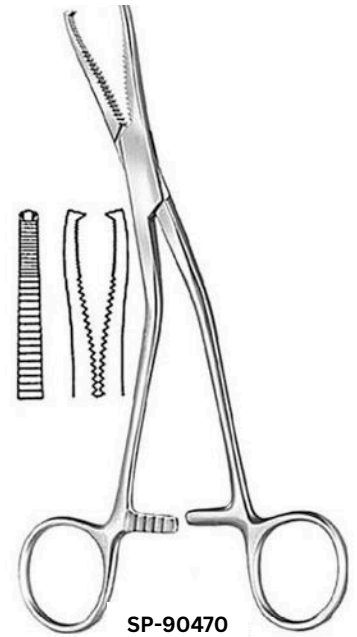
SP-90468

Bargo Bone Holding Forceps 15 cm / 6"



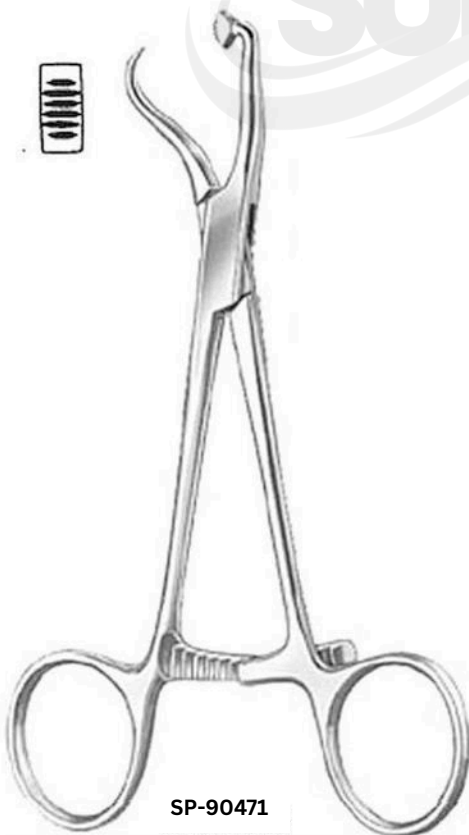
SP-90469

Martin Cartilage Seizing Forceps
18.5 cm / 7 1/4"



SP-90470

Dingmann Cartilage Seizing Forceps
18.5 cm / 7 1/4"



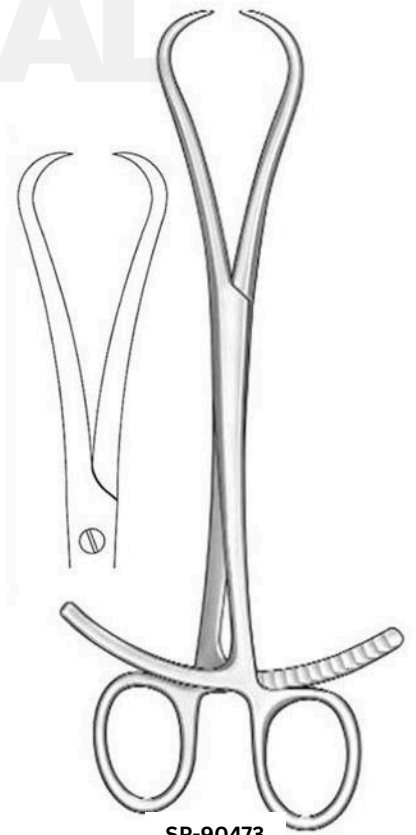
SP-90471

Reposition Forceps
13.5 cm / 5 1/4" Long ratchet pointed



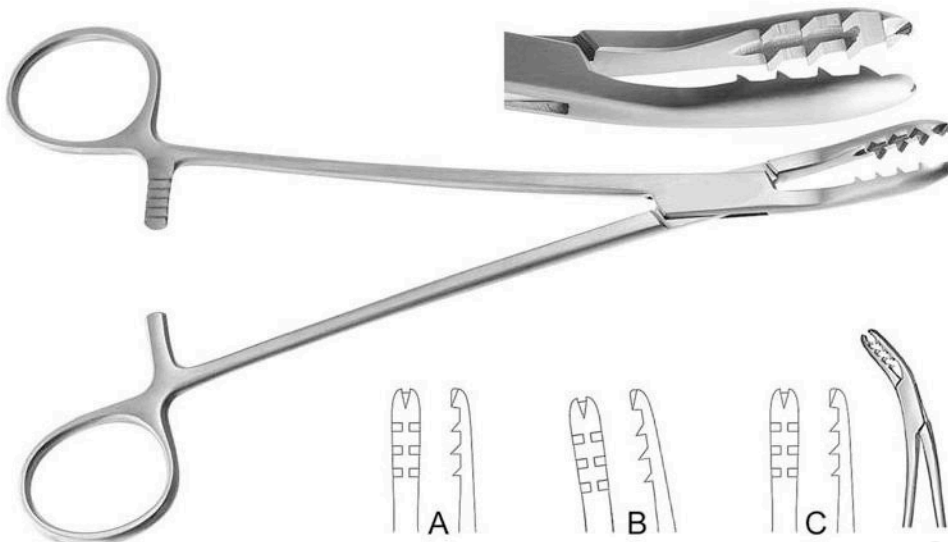
SP-90472

Reposition Forceps
15 cm / 6" Long Ratchet Pointed



SP-90473

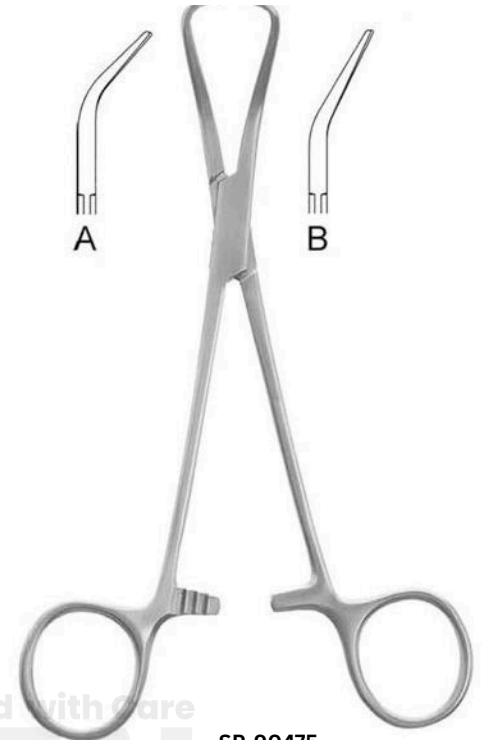
Walton Bone Reduction Forceps
20.5 cm / 8" | 2" Double Ratchet
Opening 9-100mm



SP-90474

Cartilage Seizing Forceps

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



SP-90475

Glenoid Perforating Forceps 17cm / 6 ½"

A: Strong Cvd | B: Slight Cvd



SP-90476

**Bone Reposition Forceps
w / Thread Fixations Screw**

A: 17 cm / 6 ¾"

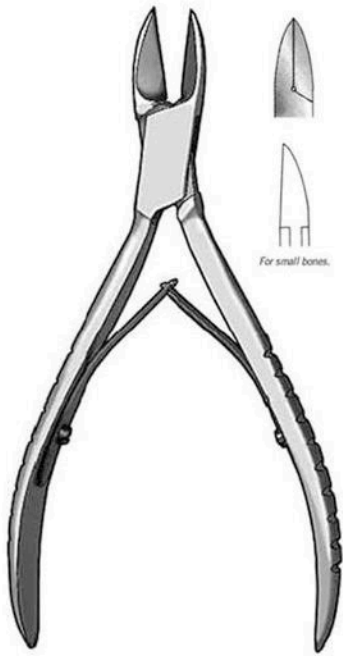
B: 24 cm / 9 ½"



SP-90477

Reill Bone Reduction Forcep

17.5 cm / 7"



SP-90478

Littauer Bone Cutting Forceps
15 cm / 6"



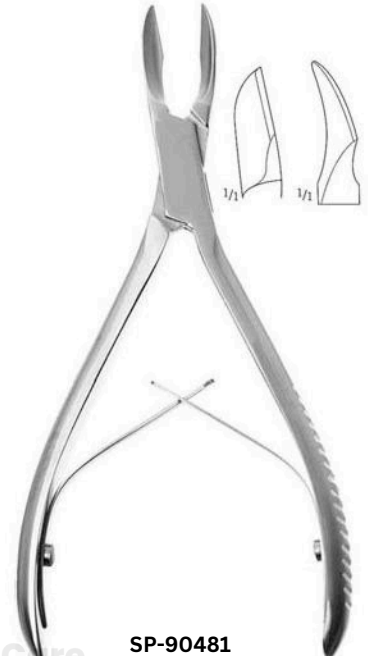
SP-90479

Marwalder Bone
Nipper 18.5 cm / 7 1/4"



SP-90480

Cottle Kazanjian Bone Cutting
Forceps 18.5 cm / 7 1/4"



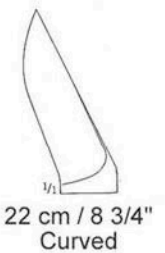
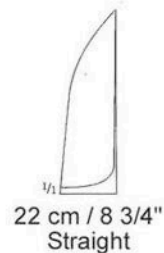
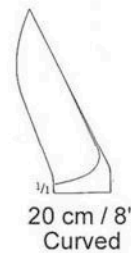
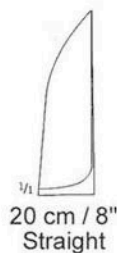
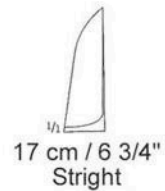
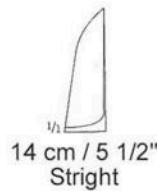
SP-90481

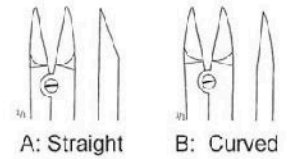
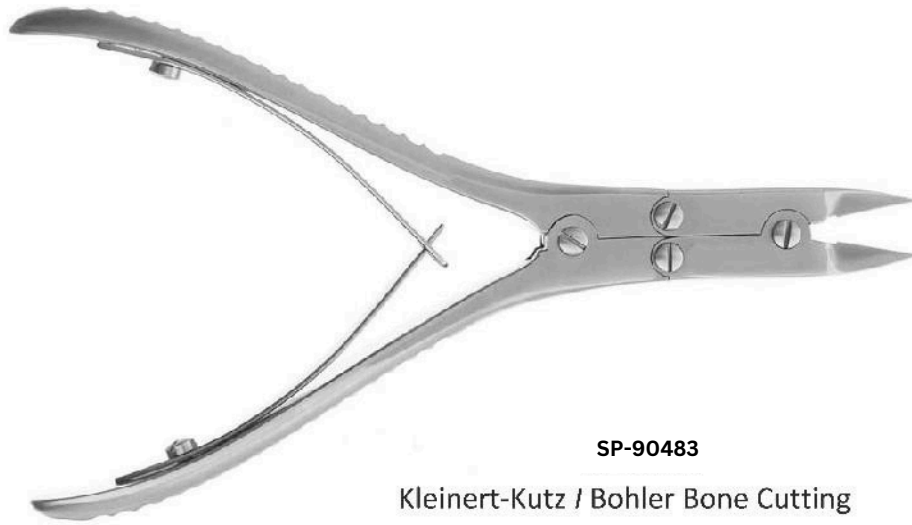
Cleveland Bone Cutting Forceps
A: 14.5 cm / 5 3/4"
B: 17 cm / 6 3/4"



SP-90482

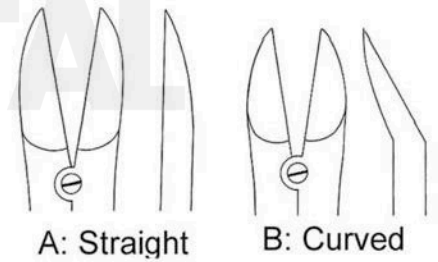
Liston Bone Cutting Forceps





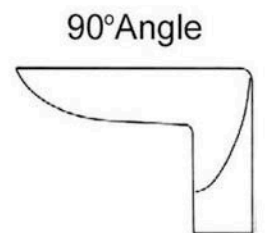
SP-90483

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



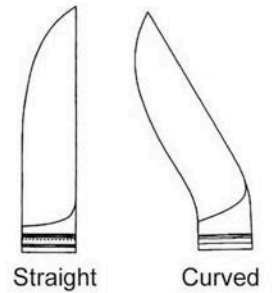
SP-90484

Ruskin Liston Bone Cutting Forceps
18 cm / 7"



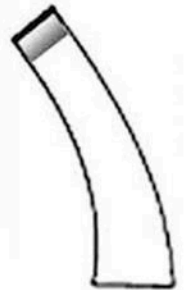
SP-90485

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



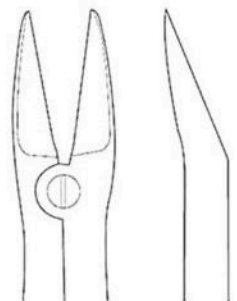
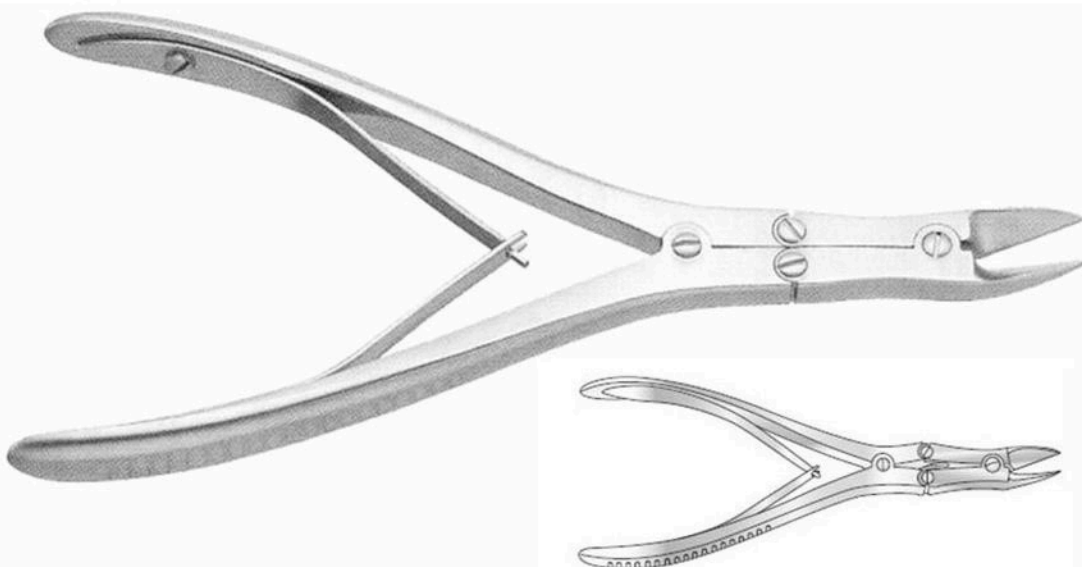
SP-90486

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

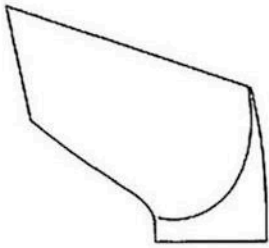


SP-90487

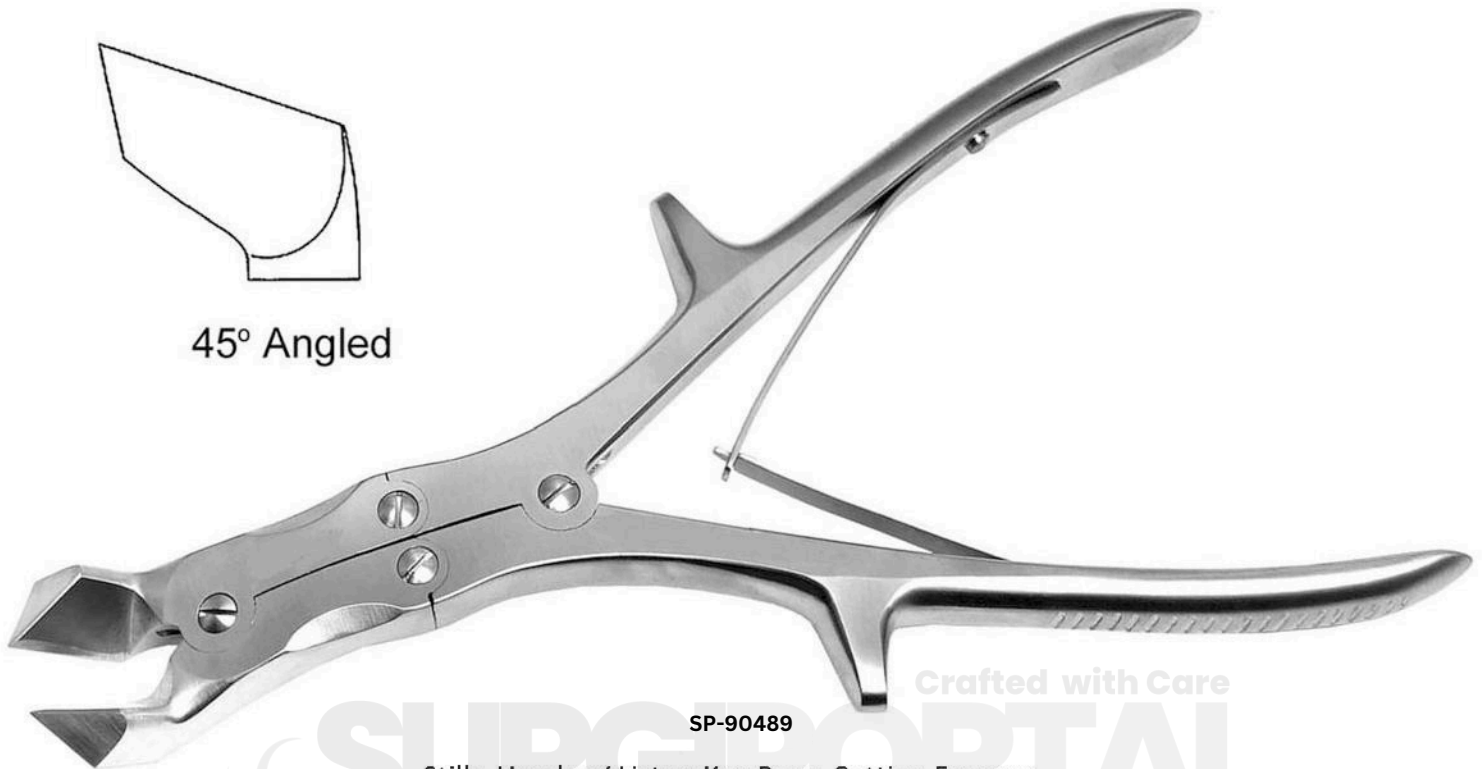
Cleveland Bone Cutting Forceps
16 cm / 6 ¼"



SP-90488

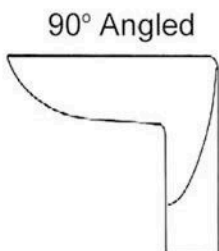


45° Angled

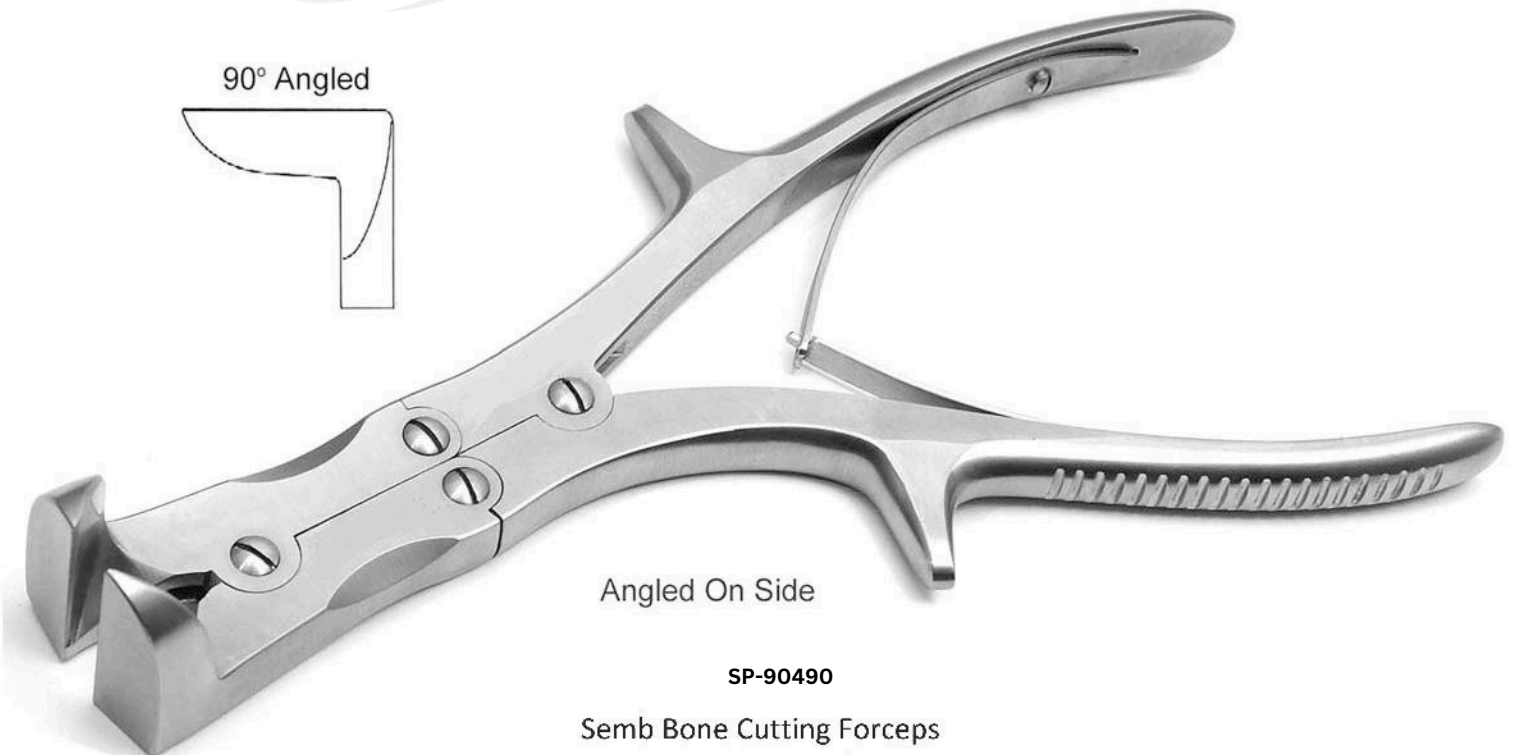


SP-90489

Stille-Horsley / Liston Key Bone Cutting Forceps
25.5 cm / 10"



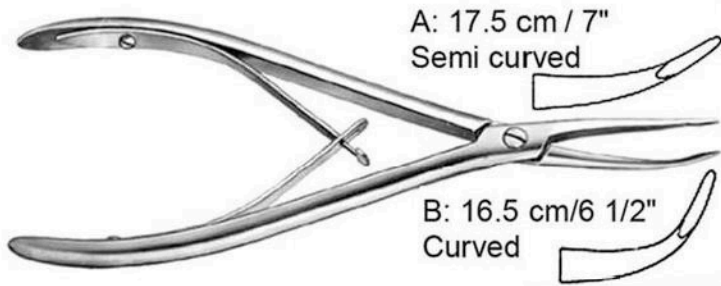
90° Angled



Angled On Side

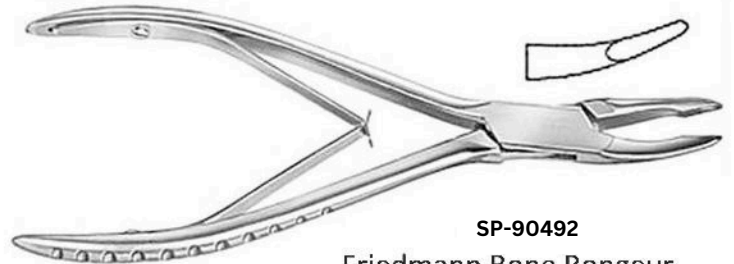
SP-90490

Semb Bone Cutting Forceps
24.5 cm / 9 ¾"



SP-90491

Stellbrink Bone Rongeur



Friedmann Bone Rongeur

A: 12.5 cm / 5" | B: 13.5 cm / 5 1/4"



Friedmann Bone Rongeur

13.5 cm / 5 1/4"

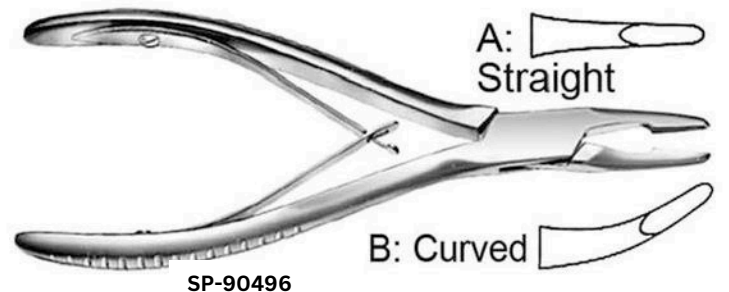


Cleveland Bone Rongeur

A: 13.5 cm / 5 1/4" | B: 16.5 cm / 6 1/2"



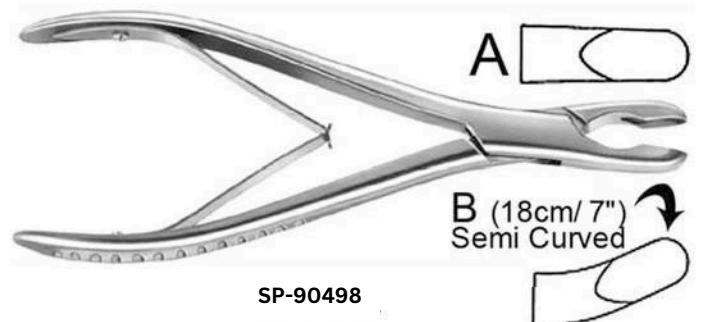
Mead Bone Rongeur 16.5 cm / 6 1/2"



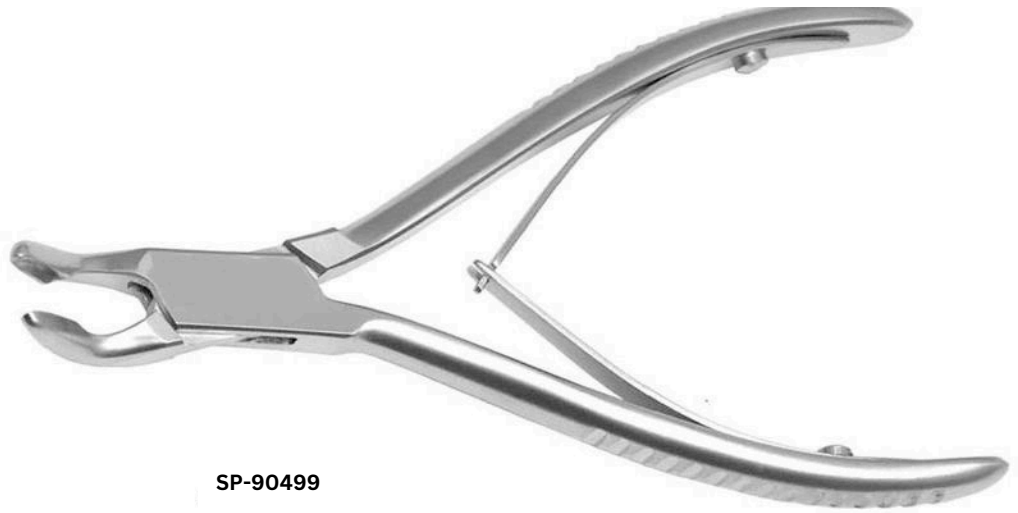
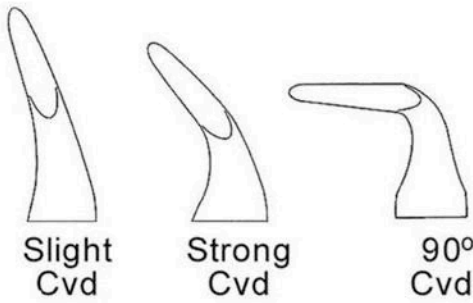
Jansen Bone Rongeur 18 cm / 7"



Luer Bone Rongeur 14.5 cm / 5 3/4"



Luer Bone Rongeur 18.5 cm / 7 1/4"



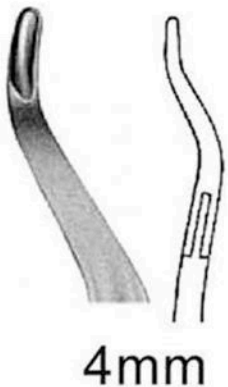
SP-90499

Blumental Bone Rongeur 12.5 cm / 5"



SP-90500

Hartmann Bone Rongeur 17.5 cm / 7"



SP-90501

Jansen Bone Rongeur 19 cm / 7 ½" Bayonet



SP-90502

Jansen Bone Rongeur Straight

A: 14 cm / 5 ½"

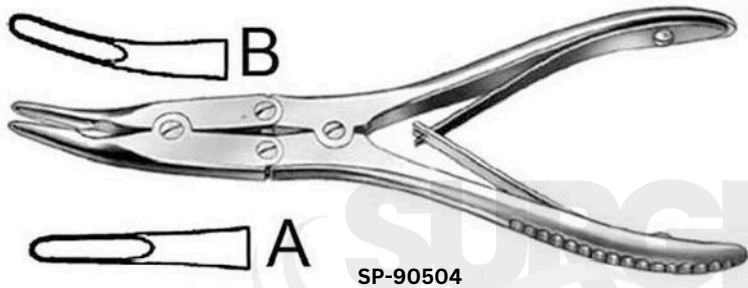
B: 17 cm / 6 ½"



SP-90503

Jansen Bone Rongeur Delicate

14 cm / 5 ½"



SP-90504

Bohler Bone Rongeur 15.5 cm / 6"



SP-90505

Beyer Bone Rongeur 18 cm / 7"



SP-90506

Zaufai-Jansen Bone Rongeur 18 cm / 7"



SP-90507

Mayfield Bone Rongeur 18 cm / 7"



SP-90508

Marquard Bone Rongeur 20.5 cm / 8"



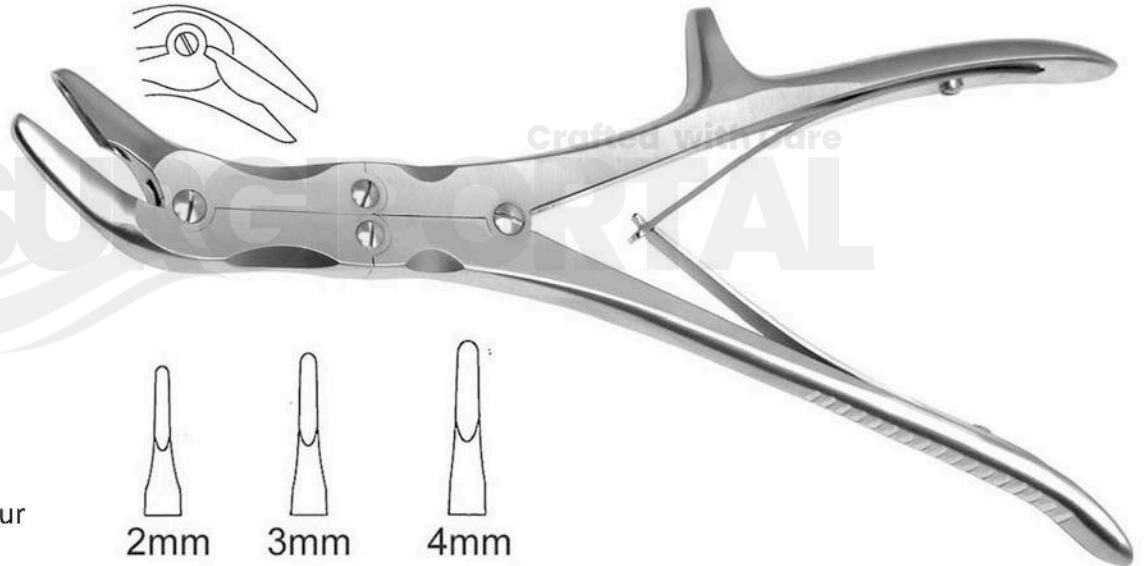
SP-90509

Lempert Bone Rongeur 19 cm / 7 ½"



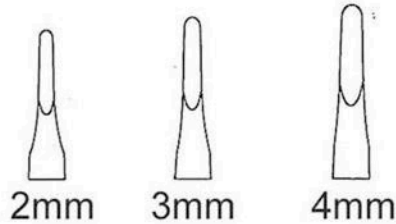
SP-90510

Stille Bone Rongeur
22.5 cm / 8 $\frac{3}{4}$ "



SP-90511

Echlin Duckbill Bone Rongeur
22 cm / 8 $\frac{3}{4}$ "



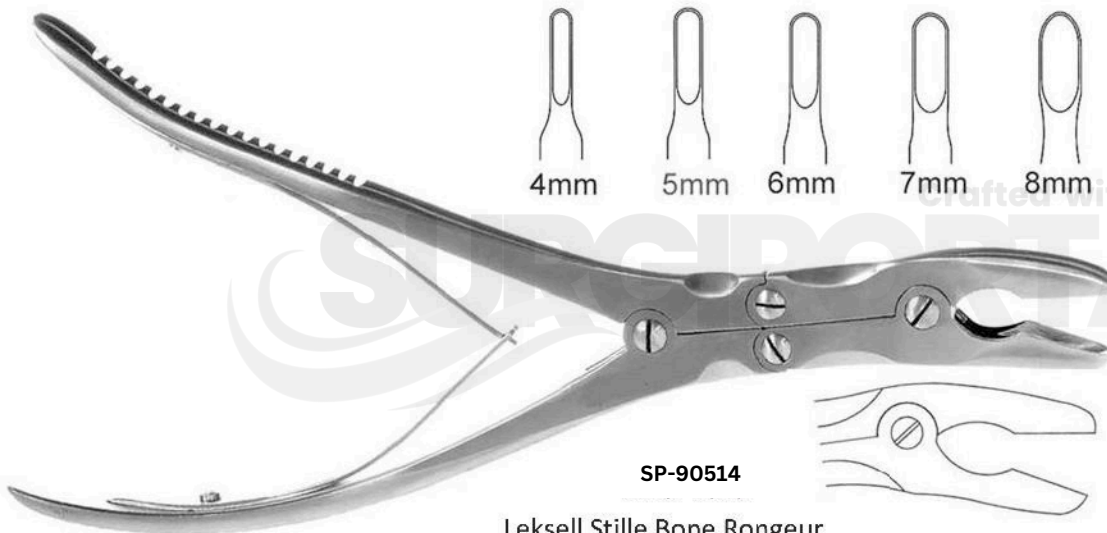
SP-90512

Ruskin Bone Rongeur
18 cm / 7"



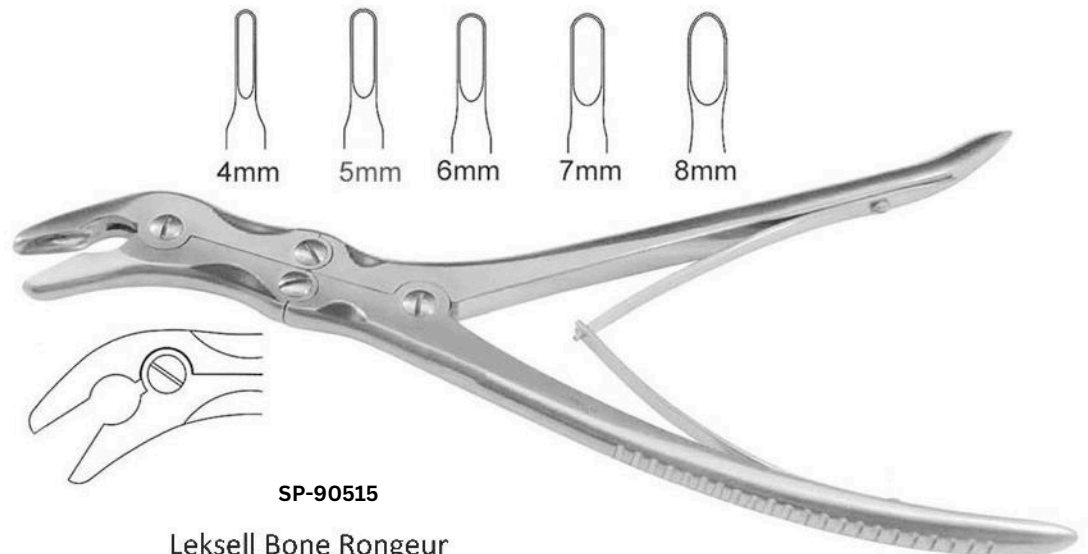
SP-90513

Ruskin Bone Rongeur
24 cm / 9 ½"



SP-90514

Leksell Stille Bone Rongeur
24 cm / 9 ½"



SP-90515

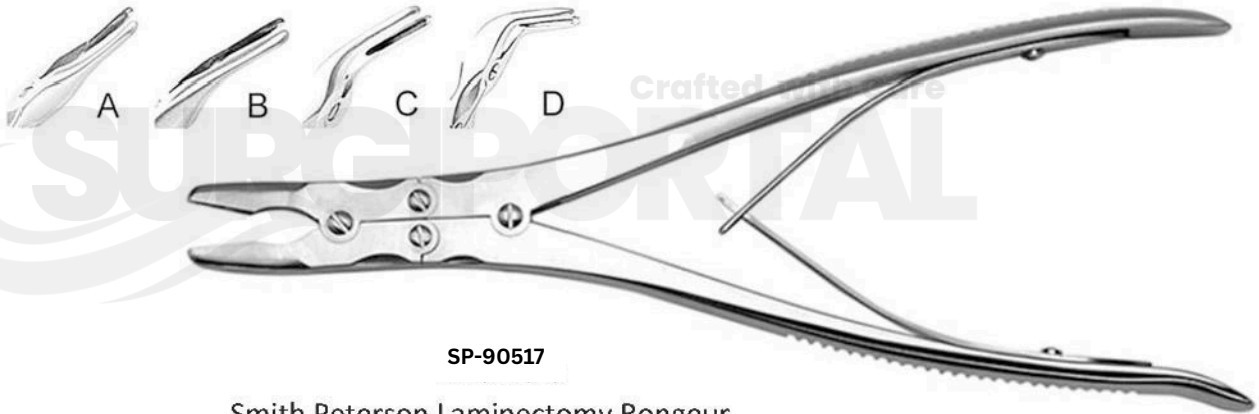
Leksell Bone Rongeur
24 cm / 9 ½"



SP-90516

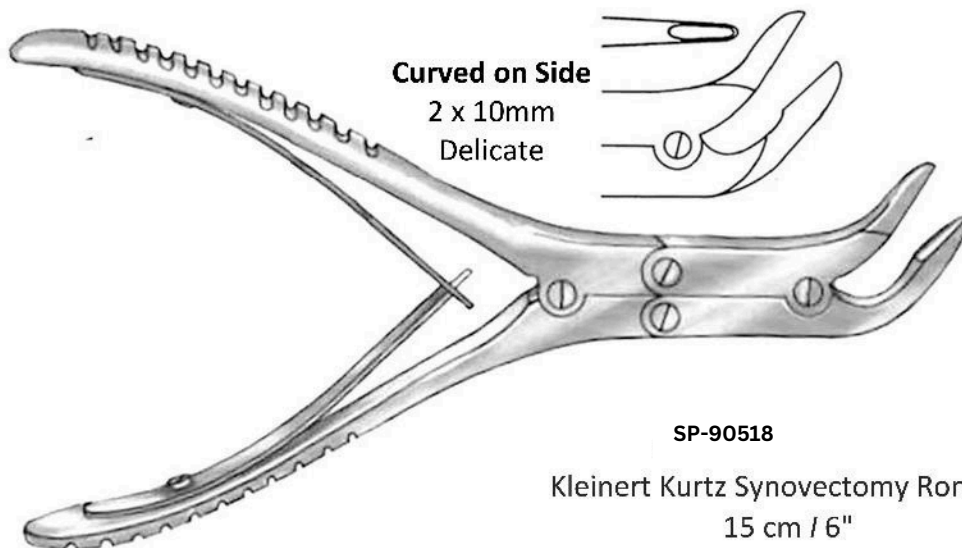
Leksell Bone Rongeur
23 cm / 9"

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



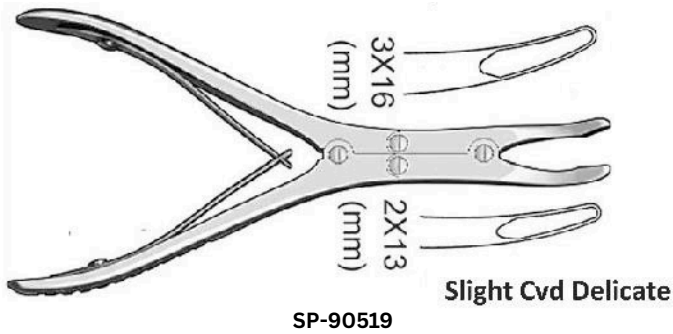
SP-90517

Smith Peterson Laminectomy Rongeur
24 cm / 9 ½"



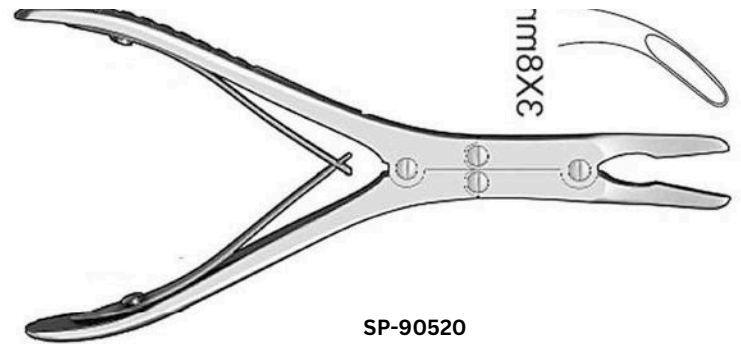
SP-90518

Kleinert Kurtz Synovectomy Rongeur
15 cm / 6"



SP-90519

Kleinert Kurtz Synovectomy Rongeur 15 cm / 6"



SP-90520

Kleinert Kurtz Synovectomy Rongeur 15 cm / 6"



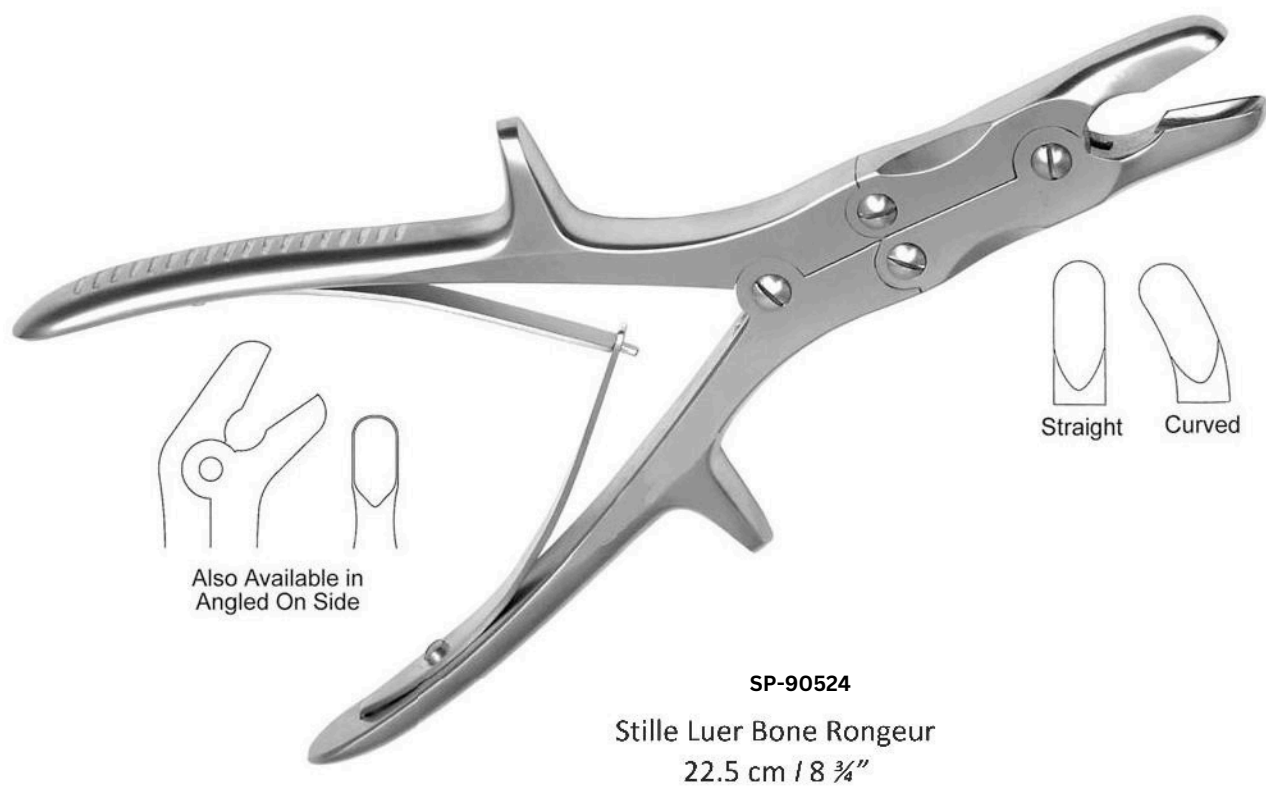
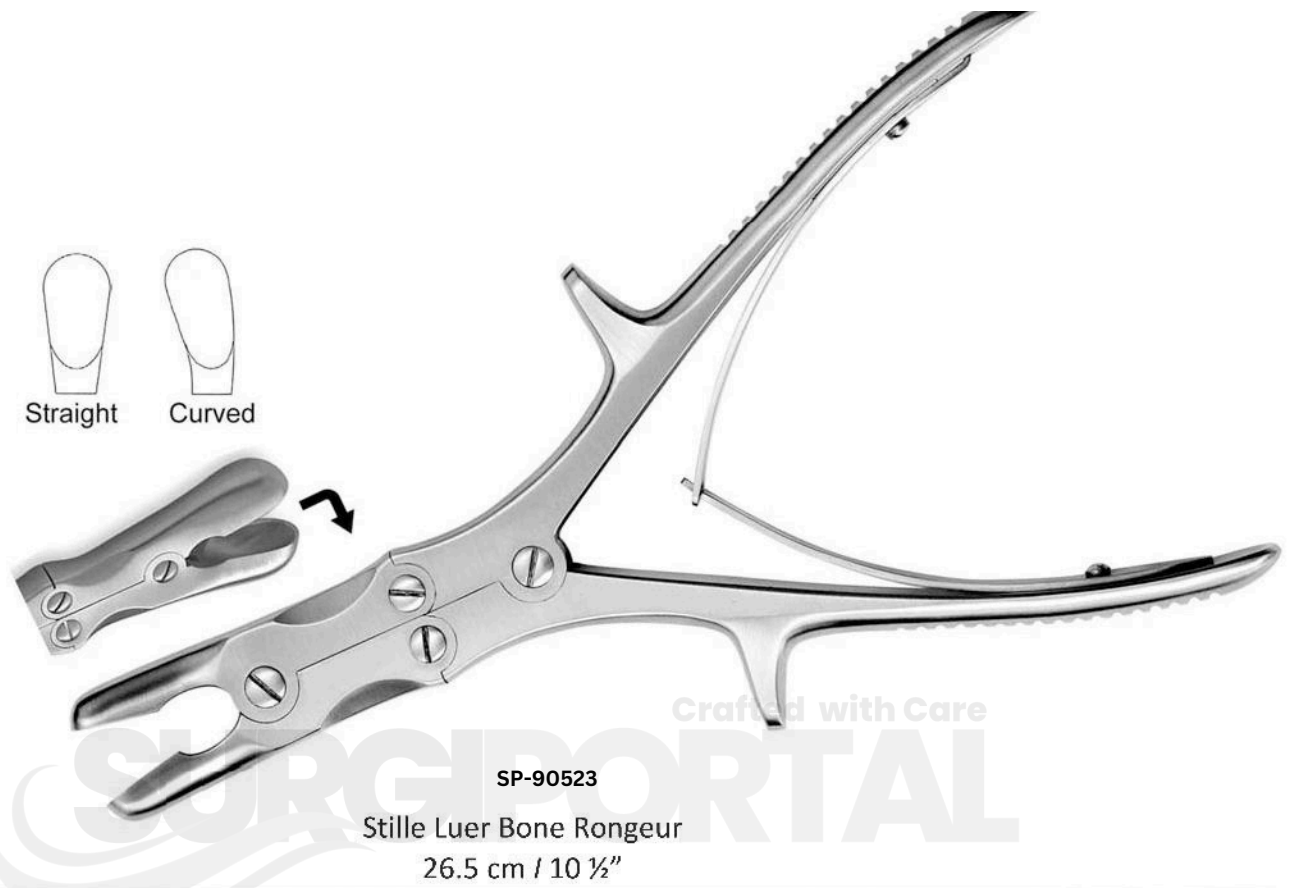
SP-90521

Semb Bone Rongeur 23.5 cm / 9 1/4"



SP-90522

Stille Ruskin Bone Rongeur
23.5 cm / 9 1/4"



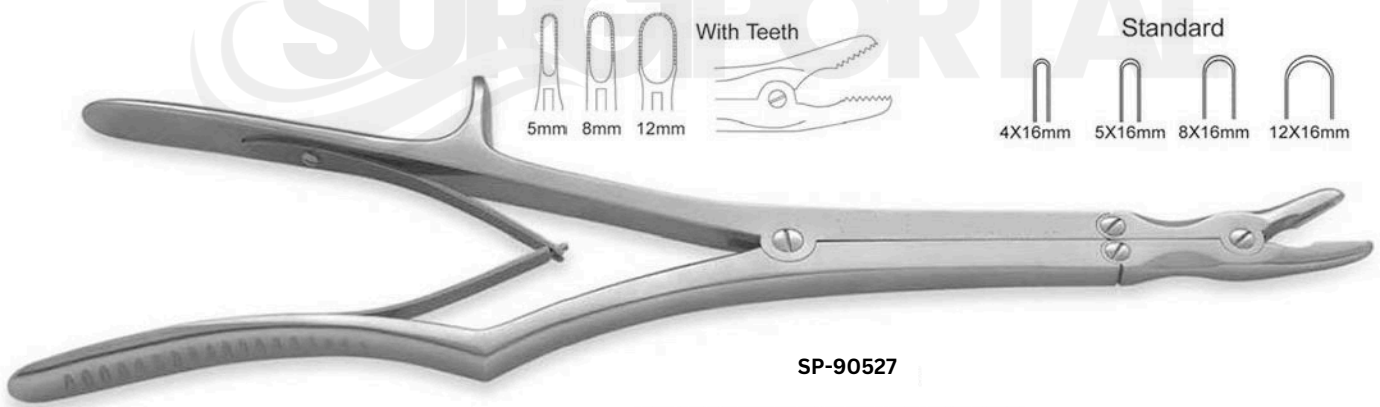


SP-90525
Mainz Long Neck Bone Rongeur
18 cm / 7"



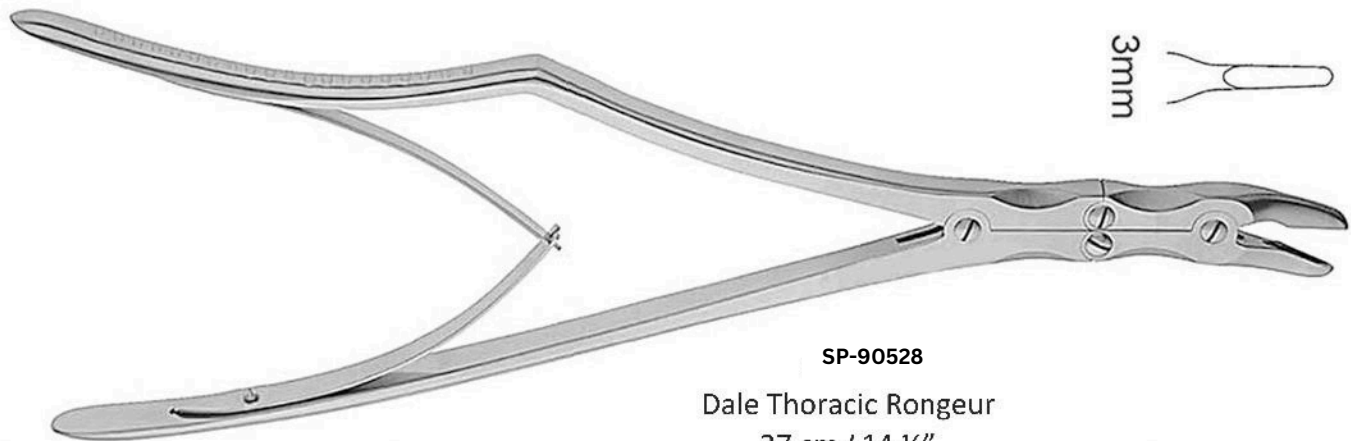
SP-90526
Leksell Bayonet Rongeur
41 cm / 16"

A: 3mm
B: 5mm
C: 8mm



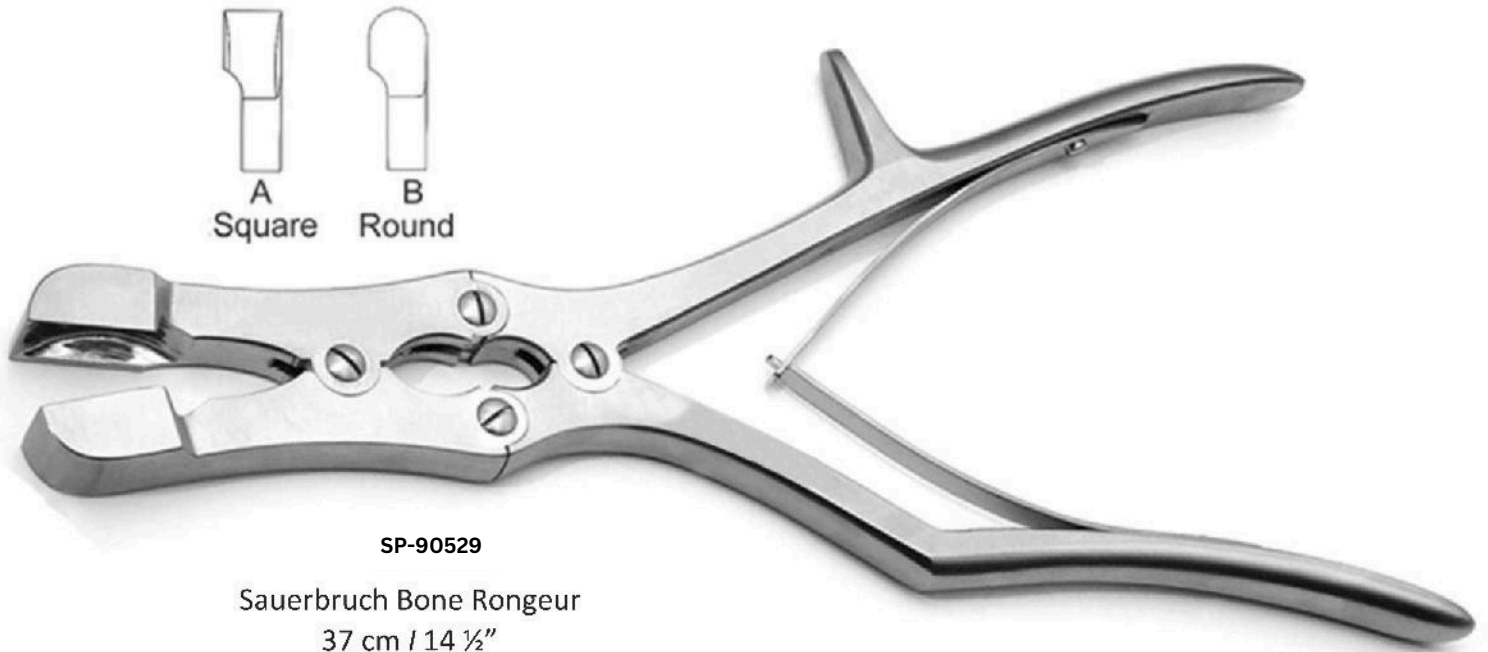
SP-90527
Syvert Rongeur 37 cm / 14 1/2"

Standard
4X16mm 5X16mm 8X16mm 12X16mm



SP-90528
Dale Thoracic Rongeur
37 cm / 14 1/2"

3mm





SP-90532
Giertz Stille Rib Shear
25 cm / 10"

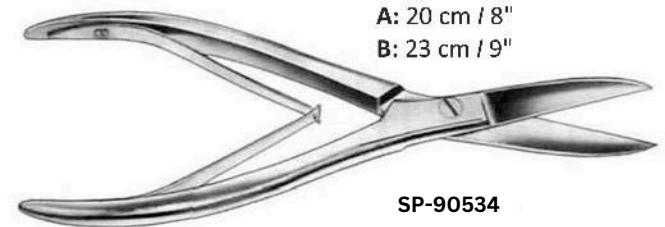


SP-90538
Gluck Rib Shear

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



SP-90533
Rib Shear Double Spring 22 cm / 8 ¾"



A: 20 cm / 8"
B: 23 cm / 9"
SP-90534
Rib Shear Double Spring



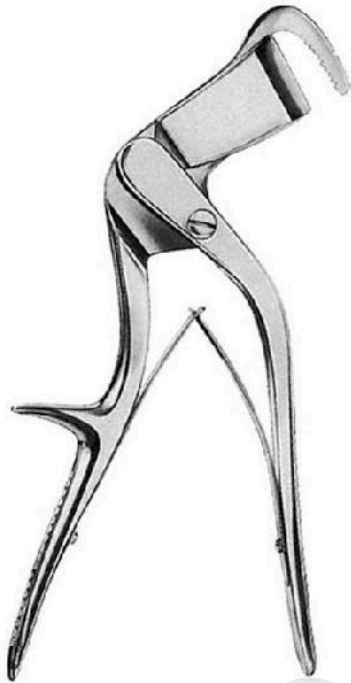
SP-90535
Collin Rib Shear 17.5 cm / 7"



SP-90536
Collin Rib Shear 17 cm / 6 ¾"

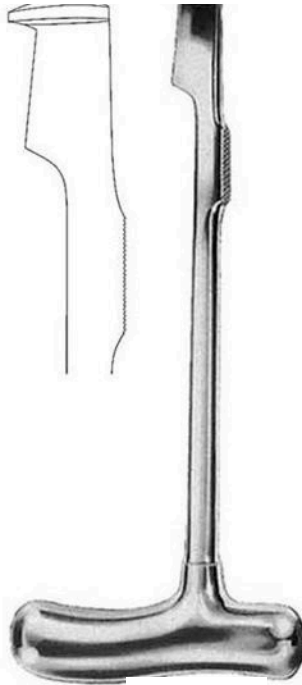


SP-90537
Stille Rib Shear 21 cm / 8 ¼"



SP-90539

Labsche Rib Shear 25 cm / 10"



SP-90540

T Handle Labsehe Sternum Chisel
24 cm / 9 ½"



SP-90541

Rib Shear Sideward 17 cm / 6 ¾"

Pointed
Tips



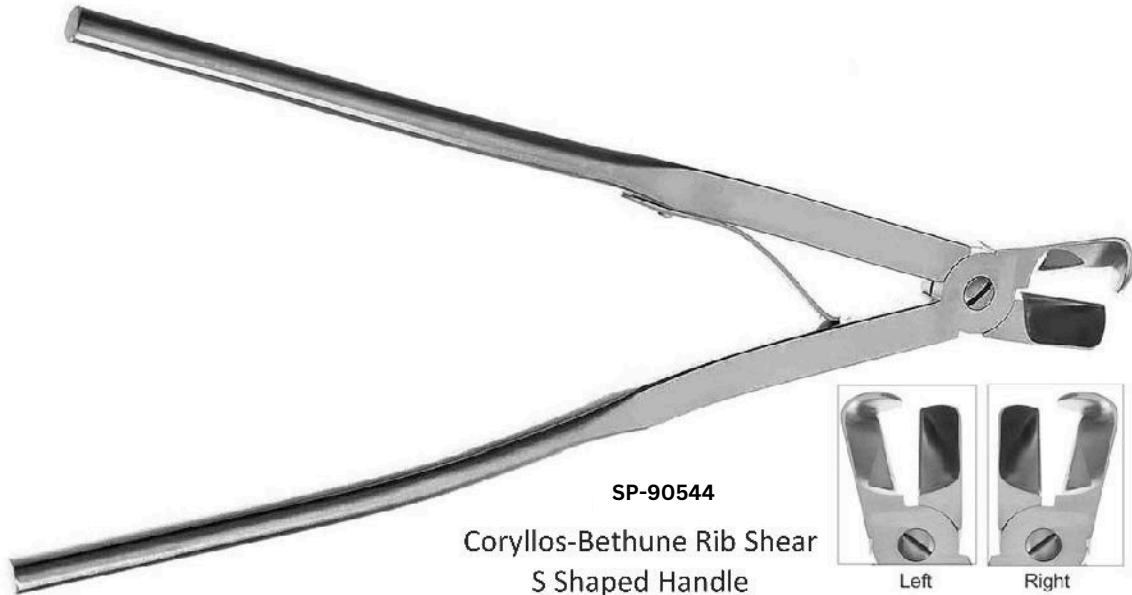
SP-90542

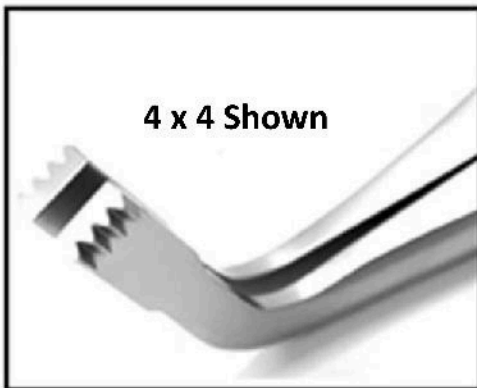
Bethune Rib Shear
S Shaped Handle
34 cm / 13 ½"



SP-90543

Bethune Rib Shear
S Shaped Handle
34 cm / 13 ½"

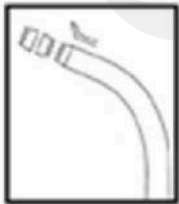
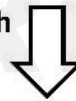




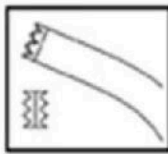
SP-90546

INGE Spreader / Retractor

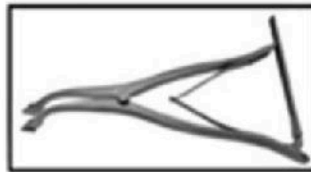
Available in 4X4 and 6X6 Teeth
& Without Teeth (Plain)



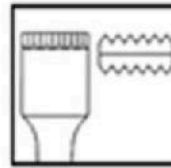
A: 4X4 Teeth
B: Without Teeth
16.5 cm / 6 1/2"



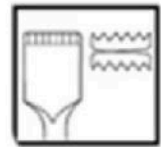
C: 4X4 Teeth
D: Without Teeth
25.5 cm / 10"



10 Inch Length Pattern



A: 6X6 Teeth
B: Without Teeth
27 cm / 10 1/2"
Flat Blades

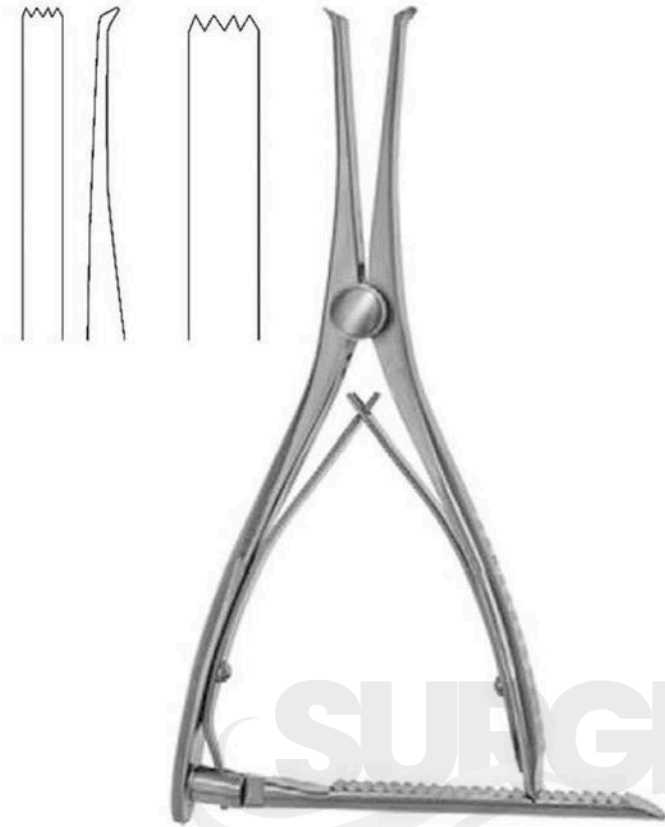


C: 6X6 Teeth
D: Without Teeth
27 cm / 10 1/2"
Concave Blades



SP-90547

Offset Lamina Spreader / Retractor
25.5 cm / 10"



SP-90548

Vertebra Spreader / Retractor

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



SP-90549

Inge Spreader

Serrated Outside Blades 18 cm / 7"

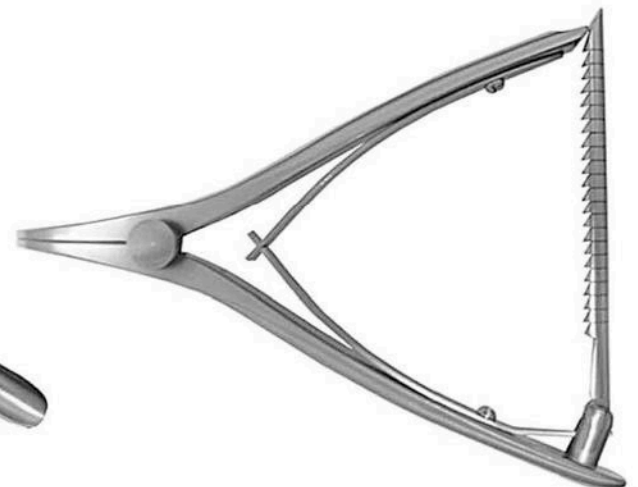


SP-90550

Saxsena Lamina Spreader / Retractor

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

Serrated Outside Blades





SP-90551

Calcaneal Spreader
Smooth Pads 15X12mm
18 cm / 7"



SP-90552

Calcaneal Spreader
Grooved Pads 15X12mm
18 cm / 7"



SP-90553

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



B: Diamond Cut Pads 22X13mm



B: Diamond Cut Pads 22X13mm



SP-90554

Lombardi Femoral Tibial Spreader (Large)
A: Grooved Pads 22X13mm 23.5 cm / 9 1/4"
B: Diamond Cut Pads 22x13mm / 9 1/4"



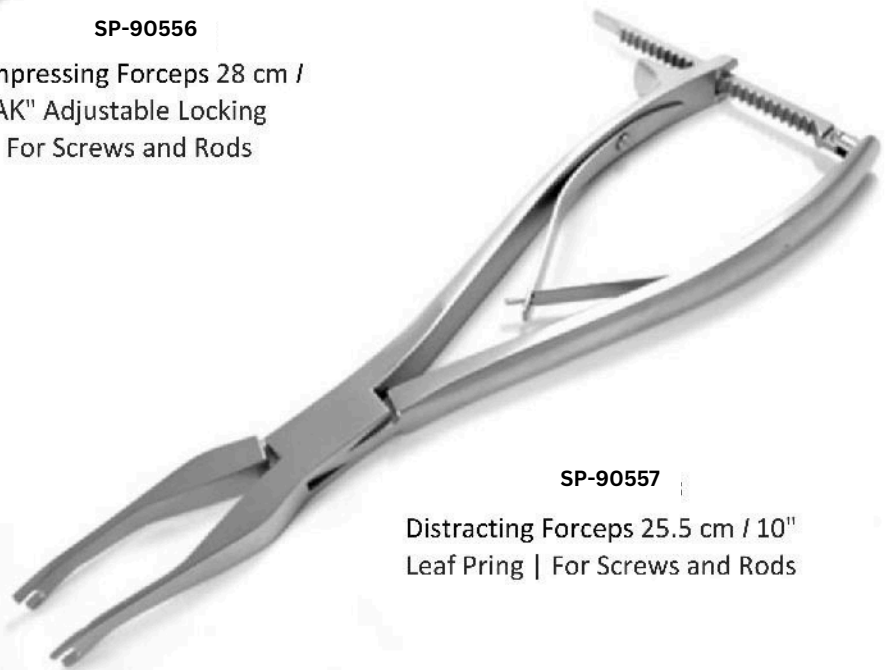
SP-90555

Distracting Forceps 23 cm / 9"
Long Ratchet / Spiral Spring
For Screws and Rods



SP-90556

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



SP-90557

Distracting Forceps 25.5 cm / 10"
Leaf Spring | For Screws and Rods



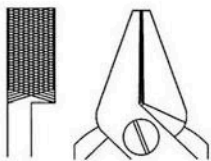
SP-90558

Distractor 25.5 cm / 10"
Leaf Pring | For Screws and Rods

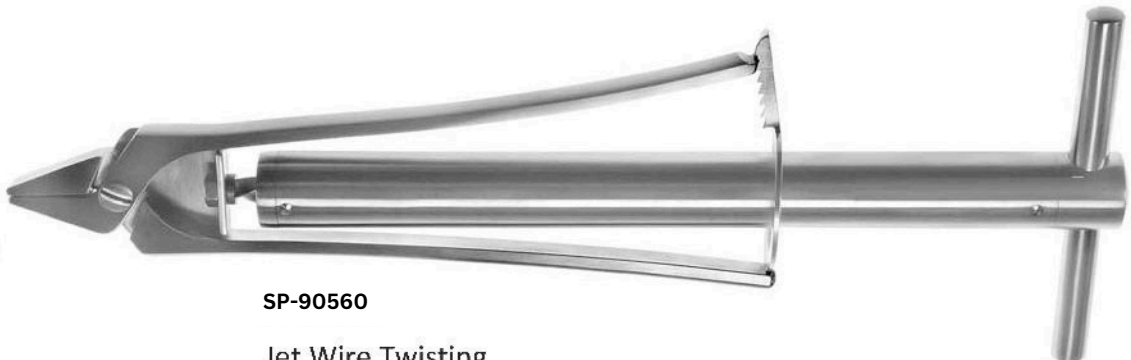


SP-90559

Compression Forceps
28 cm / AK"
Leaf Pring / Long Ratchet
For Screws and Rods

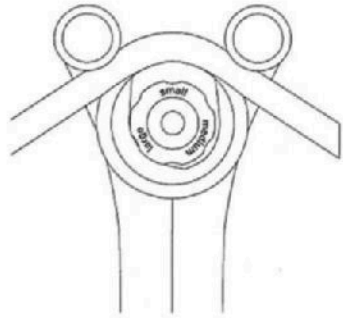


Non TC

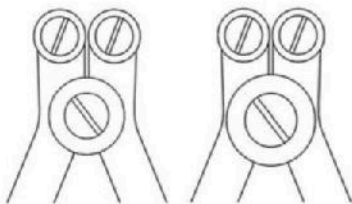


SP-90560

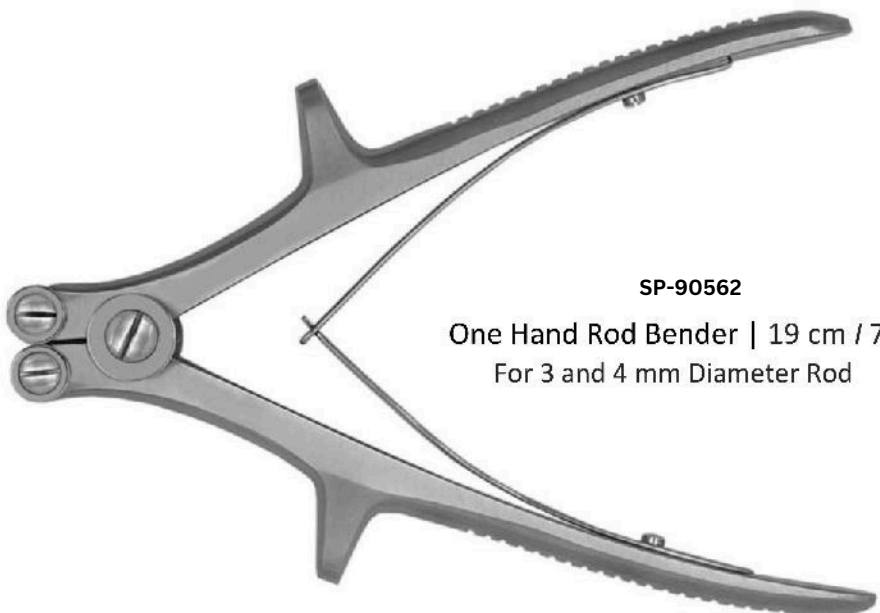
Jet Wire Twisting
Device 28 cm / AK" -
10mm Tip



SP-90561
French Style Rod Bender
28 cm / 11" | Roller Type
For Small / Medium / Large Bends



For 4mm Rod For 3mm Rod



SP-90562
One Hand Rod Bender | 19 cm / 7"
For 3 and 4 mm Diameter Rod

SP-90563

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

Angled

SP-90564

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

SP-90565

Wire Cutting Plier TC Gold
23 cm / 9" Cut Up to 2.5mm

SP-90566

Wire Cutting Plier TC Gold
18 cm / 7" Cut Up to 1.6mm





SP-90567

Cannulated Pin Cutter TC Gold
18 cm / 7" Cut Up to 1.5mm



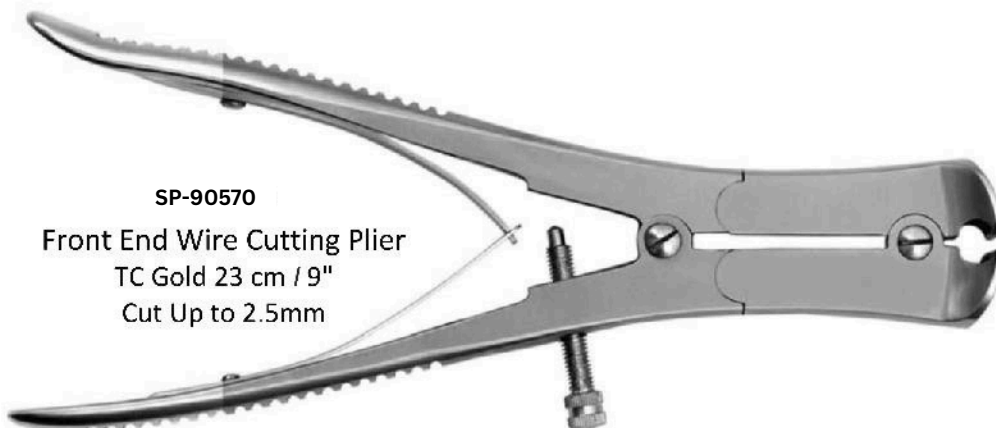
SP-90568

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



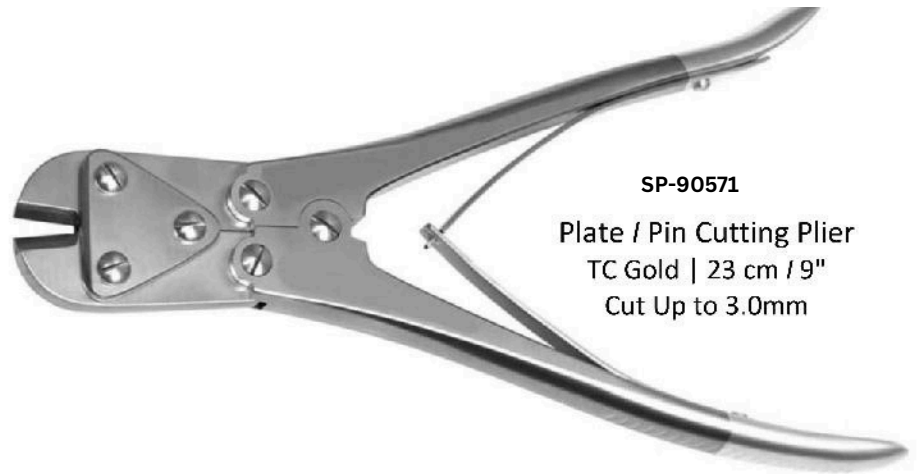
SP-90569

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

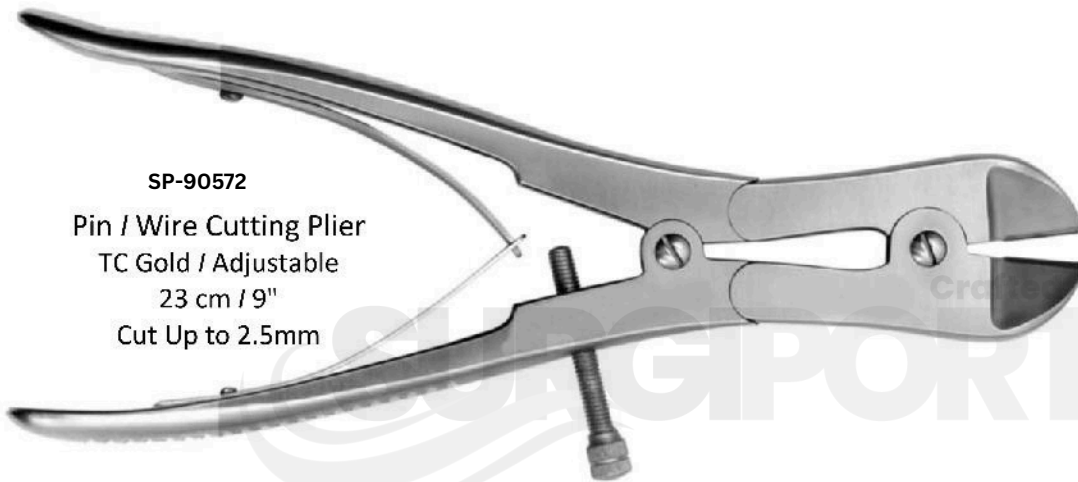


SP-90570

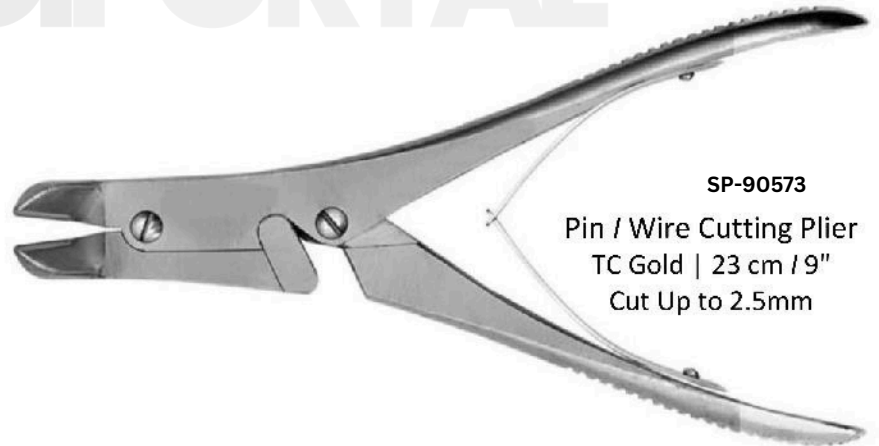
Front End Wire Cutting Plier
TC Gold 23 cm / 9"
Cut Up to 2.5mm



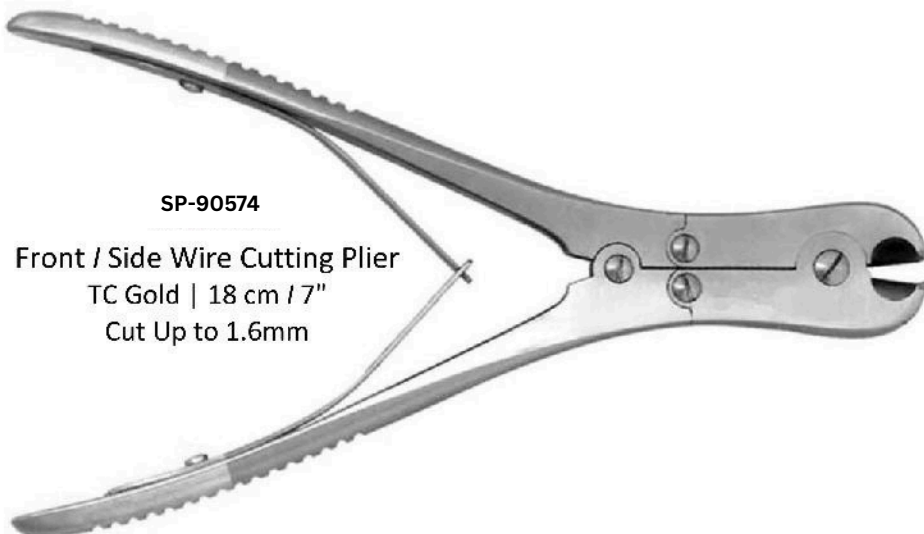
SP-90571
Plate / Pin Cutting Plier
TC Gold | 23 cm / 9"
Cut Up to 3.0mm



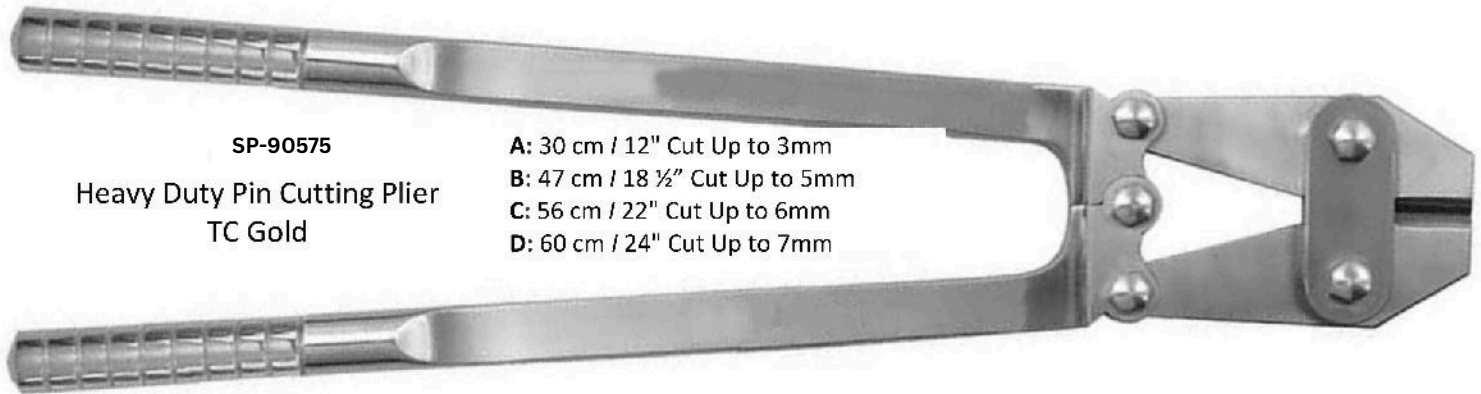
SP-90572
Pin / Wire Cutting Plier
TC Gold / Adjustable
23 cm / 9"
Cut Up to 2.5mm



SP-90573
Pin / Wire Cutting Plier
TC Gold | 23 cm / 9"
Cut Up to 2.5mm



SP-90574
Front / Side Wire Cutting Plier
TC Gold | 18 cm / 7"
Cut Up to 1.6mm

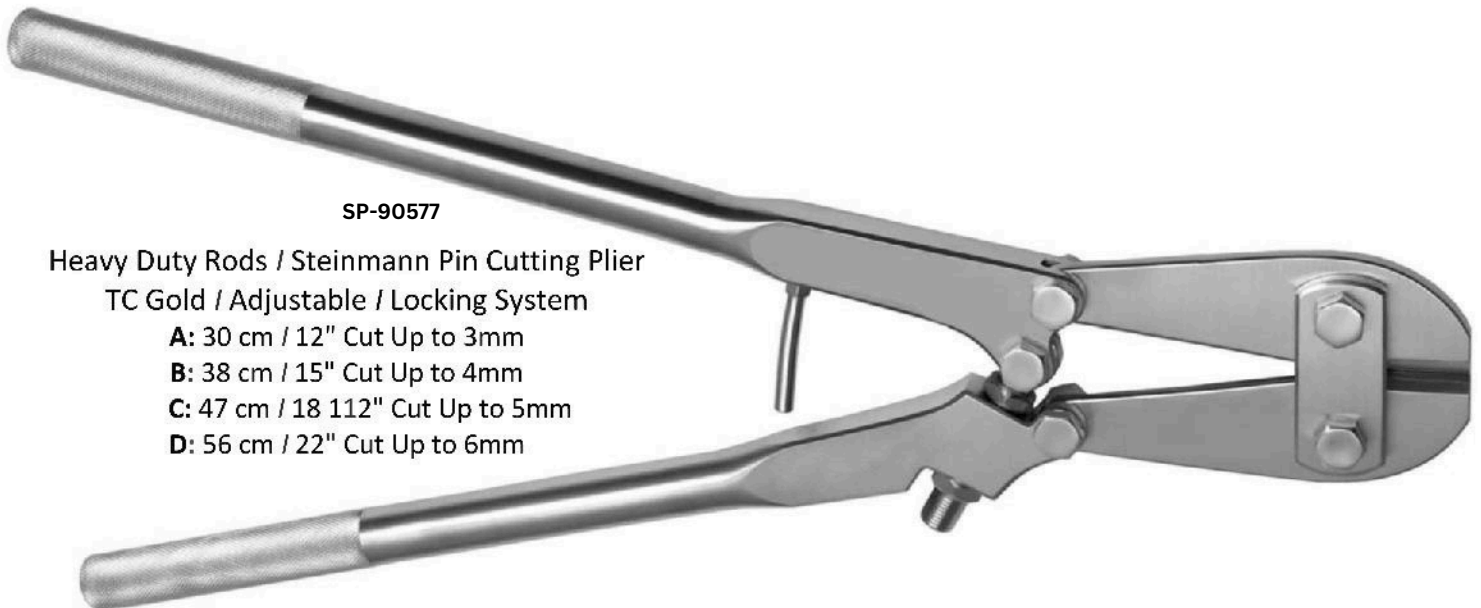


SP-90575
Heavy Duty Pin Cutting Plier
TC Gold

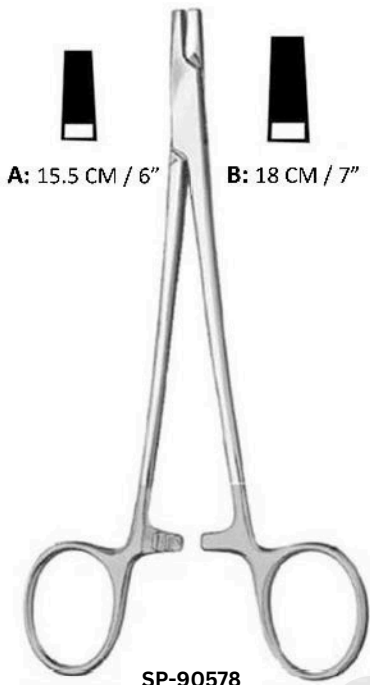
A: 30 cm / 12" Cut Up to 3mm
B: 47 cm / 18 ½" Cut Up to 5mm
C: 56 cm / 22" Cut Up to 6mm
D: 60 cm / 24" Cut Up to 7mm



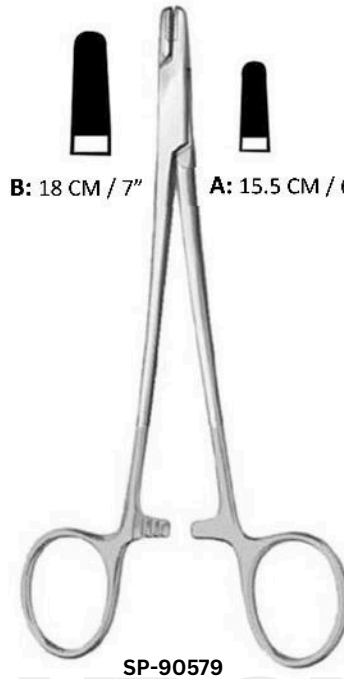
SP-90576
Heavy Duty Pin End Cutting Plier TC Gold
A: 27 cm / 10 ½" Cut Up to 3mm
B: 38 cm / 15" Cut Up to 4mm



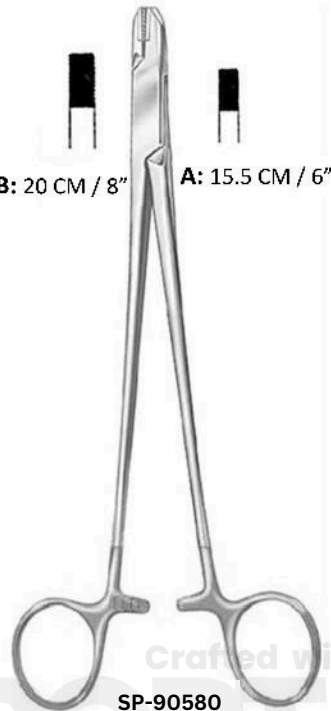
SP-90577
Heavy Duty Rods / Steinmann Pin Cutting Plier
TC Gold / Adjustable / Locking System
A: 30 cm / 12" Cut Up to 3mm
B: 38 cm / 15" Cut Up to 4mm
C: 47 cm / 18 112" Cut Up to 5mm
D: 56 cm / 22" Cut Up to 6mm



Wire Twisting Forceps



Wire Twisting Forceps



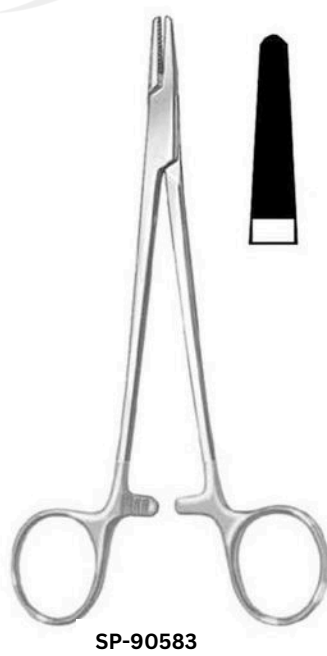
Wire Twisting Forceps



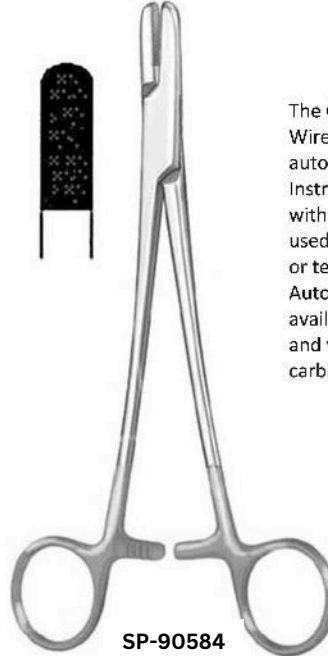
Corwin Combi-Wire Twisting Forceps 18.5 cm / 7 1/4"



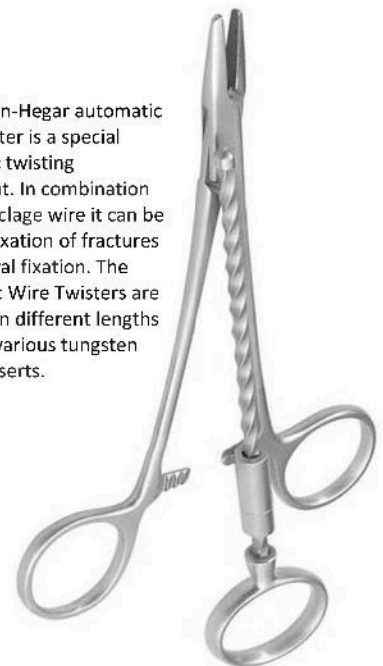
Wire Twisting Forceps
15.5 cm / 6"



Wire Twisting Forceps
16 cm / 6 1/4"

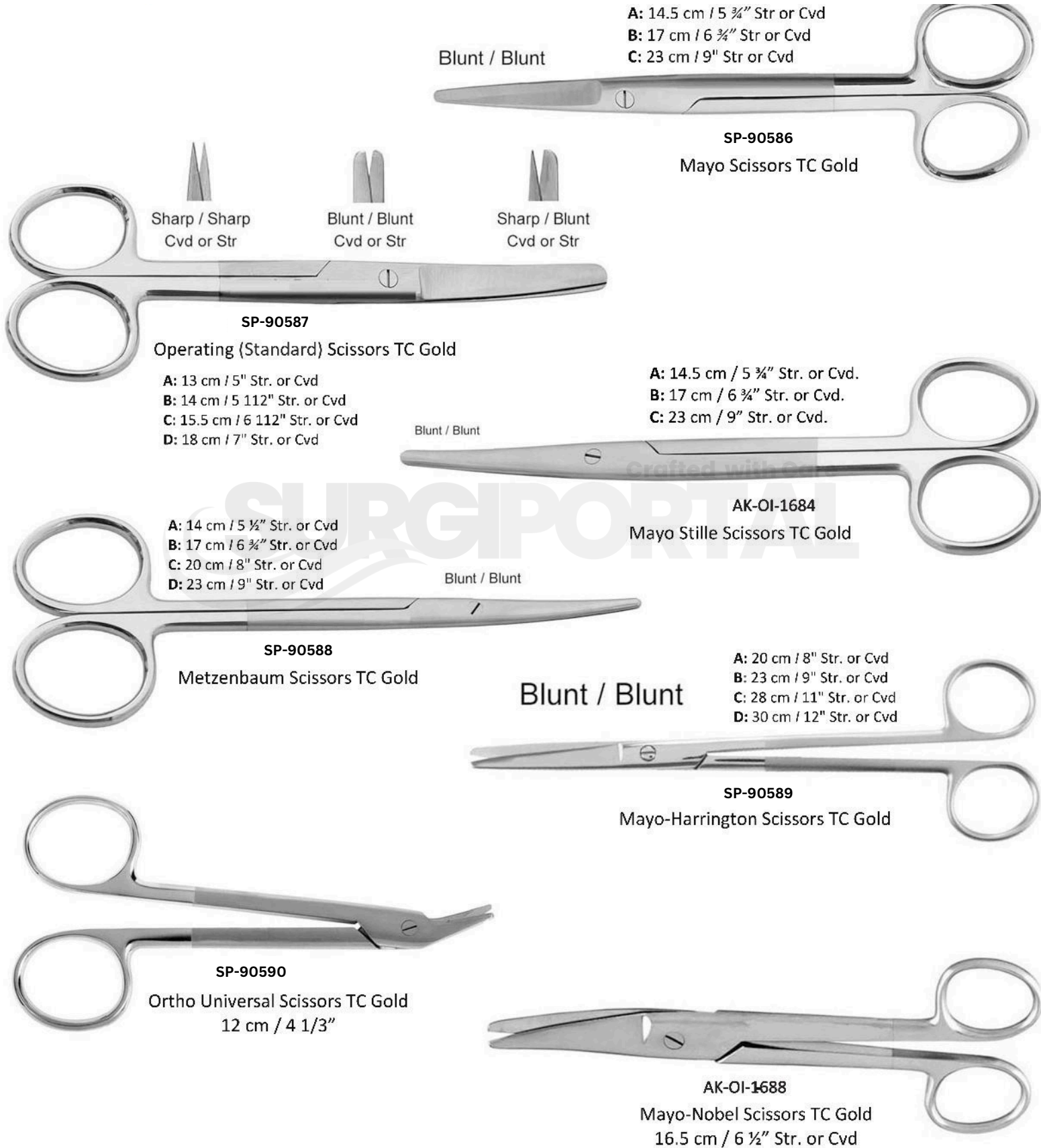


Wire Twisting Forceps
Heavy Pattern
19 cm / 7 1/2"



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

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.





Drill Bits for Quick Coupling

SP-90591

Drill bit 1.1mm dia.

for threaded hole for 1.5mm screws

Drill bit 1.5mm dia.

For threaded hole for 2.0mm screws and gliding hole for 1.5mm 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 3.5mm

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 6.5mm screws

Drill bit 4.5mm 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

SP-90592

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



SP-90593

Tap for 1.5mm Cortex Screws

Total length 50mm, thread length 20mm
predrilling 1.1mm dia.



SP-90594

Tap for 6.5mm Cancellous Bone Screws

Length 195mm, predrilling 3.2mm dia.



SP-90595

Tap for 4.0mm Cancellous Bone Screws

Total Length 110mm, Usable Length 85mm



SP-90596

Tap Cannulated, for 7.0mm Cannulated Screws

Length 230mm



SP-90597

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

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

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

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.



SP-90598

Countersink Shaft 1.5/2.0
Length 52mm, for mini quick coupling



SP-90599

Router, for Jacobs chuck
Length 90mm



SP-90600

Router, for quick coupling
Length 90mm



SP-90601

Countersink Shaft 3.5mm
Length 72mm, for quick coupling,
to countersink the screw head



SP-90602

Countersink, large
Length 180mm, for 4.5mm cortex screws



SP-90603

Dountersink, cannulated, for 7.0mm cannulated Screws
Length 230mm



SP-90604

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



SP-90605

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



SP-90606

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



SP-90606

Screwdriver Shaft, cruciform, 1.5/ 2.0, with Holding Sleeve
Length 50mm, for 1.5 and 2.0mm



SP-90607

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



SP-90608

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



SP-90609

Hand Chuck for Kirschner Wires
Length 145mm, Spannbereich 0.6 to 1.6mm dia.



SP-90610

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



SP-90611

Handle, small, with mini quick coupling



SP-90612

Handle, medium, with mini quick coupling



SP-90613

Handle, Large, with mini quick coupling



SP-90614

Screwdriver, hexagonal, small with groove
Length 200mm, for 2.7 to 4.0mm screws



SP-90615

Screwdriver with Universal Joint, large
Length 290mm



SP-90616

Screwdriver, hexagonal, large, with groove
Length 240mm



SP-90617

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



SP-90618

Screwdriver, hexagonal, small, with Holding Sleeve
Length 200mm



SP-90619

Holding Sleeve for Mini Screws single



SP-90620

Holding Sleeve



SP-90622

Holding
Sleeve single



SP-90621

Allen Key, hexagonal, angled
For 4.5 to 7.0mm screws



SP-90623

Allen Key, hexagonal, small, angled
Length 65mm, for 2.7 to 4.0mm screws



SP-90624

Insert Drill Sleeve 3.5/2.5
Length 42mm, drill bit 2.5mm dia.



SP-90626

Trocar 2.0mm dia., Length 118mm, for percutaneous insertion of 7.0mm cannulated screws



SP-90628

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



SP-90629

Handle for Drill Guides single



SP-90631

Drill Sleeve 3.0 with point length 55mm



SP-90625

Insert Drill Sleeve 4.5/3.2
Length 80mm for long lag screws



SP-90627

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



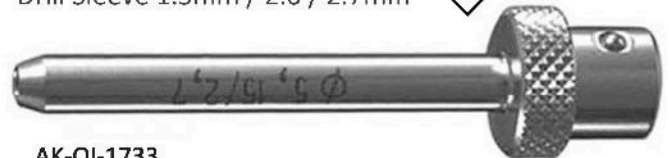
SP-90630

Handle for Drill Guides single



SP-90632

Drill Sleeve 1.5mm / 2.0 / 2.7mm



AK-OI-1733

Drill Sleeve 2.7



SP-90633

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



SP-90634

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.,



SP-90635
 Double Drill Sleeve 4.5/3.2
 For 4.5mm cortex screws
 Drill bits: 4.5 and 3.2mm dia.



SP-90636
 Double Drill Sleeve 6.5/3.2
 For 6.5mm cancellous bone screws
 Drill bit: 3.2mm dia.



SP-90637
 Universal Drill Sleeve 2.7
 Drill bits 2.0 and 2.7mm dia.,
 Suitable for LC-DCP and round hole plates.



SP-90638
 Universal Drill Guide 3.5
 Drill bit 2.5 and 3.5mm dia., and tissue protection
 Suitable for LC-DCP and round hole plates.



SP-90639
 Universal Drill Guide 4.5/3.2
 Drill bits 3.2 and 4.5mm dia.



SP-90640
 DCP Drill Guide 2.0
 For neutral and load position
 Drill bit 1.5mm dia.



SP-90641
 DCP Drill Guide 2.7
 For neutral and load position
 Drill bit 2.0mm dia.



SP-90642
 DCP Drill Guide 3.5
 For neutral a load position, drill bit 2.5m
 dia.



SP-90643
 DCP Drill Guide 4.5
 For neutral and load position, drill bit
 3.2mm dia.



SP-90644
 LC-DCP Drill Guide 3.5
 For neutral a load position, drill bit 2.5mm dia.



SP-90645
 LC-DCP Drill Guide 4.5
 For neutral and load position, drill bit 3.2mm dia.

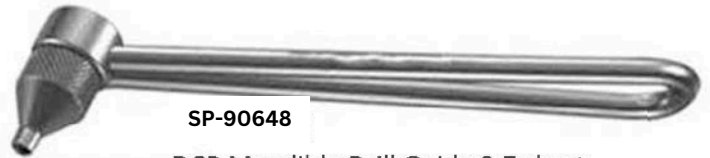


SP-90646
 DCP Hip Drill Guide 4.5, for neutral
 and load position, for 4.5mm screws
 with DHS and angled blade plates, sleeve
 length 60mm, drill bit 3.2mm dia.



SP-90647

Triple Drill Sleeve 2.0
with 3 holes, opposite side 1 hole



SP-90648

DCP Mandible Drill Guide 2.7 short
drill bit 2.0mm dia.



SP-90649

DCP Mandible Drill Guide 2.7 long
drill bit 2.0mm dia.



SP-90650

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.



SP-90651

Parallel drill Guide 4.5
For percutaneous insertion of 7.0mm cannulated screws



SP-90652

Parallel Wire Guide 2.0mm dia.



SP-90653

Depth Gauge for 2.7 to 4.0m screws
measuring range up to 60mm



AK-OI-1760

Depth Gauge for 2.7 to 4.0mm screws measuring
range up to 60mm



SP-90655

Depth Gauge for 4.5mm to 6.5mm screws measuring
range up to 110mm



SP-90654

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



SP-90656

Bending Iron for plates 1.5 and 2.5
Length: 130mm, slid width: 2.5mm



SP-90657

Bending Iron for Kirschner Wires
Length 120mm, for 1.25 to 2.5mm dia.



SP-90658

Bending Iron for Kirschner Wires
Length 115mm, for 0.8 to 1.25mm dia.



SP-90659

Bending Iron for Reconstruction Plates 3.5 and 4.5
Length 190mm, required in paris



SP-90660

Handle with Sleeve
with rotating drill guide and anchoring point



SP-90661

Trocarn Point, large



SP-90662

Combination Wrench 11mm length 140mm



SP-90663

Cheek Retractor Ring



SP-90664

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



SP-90665

Socket Wrench 11mm
Length 200mm



AK-OI-1772

Slotted Hammer
Length 270mm



SP-90666

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.



SP-90667

Measuring Device
For drill bits, screws, Kirschner wires,
and Steinmann pins



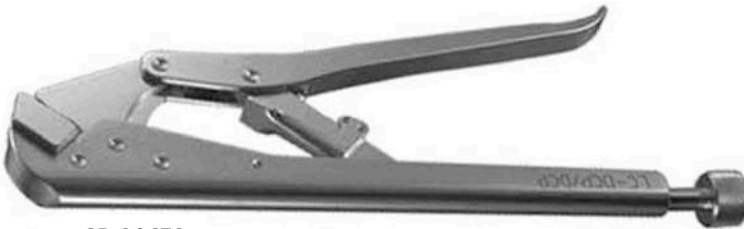
SP-90668

Inserter/Extractor
Length 175mm, for infant hip plate and mini hip plate.



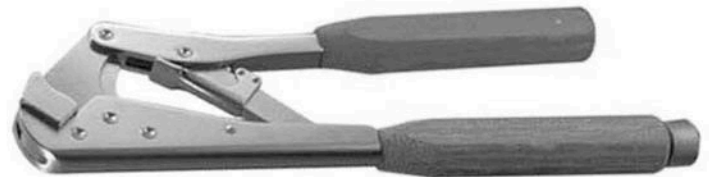
SP-90669

Bending Pliers for Reconstruction Plates 2.7 and 3.5
Length 240mm



SP-90670

Bending Pliers for plate 2.4 to 4.0
Length 230mm



SP-90671

Cutter for thin plates 1.5 to 2.7
Length 256mm



SP-90672

Bending Pliers
For reconstruction plates 2.7,
Length 270mm, required in paris



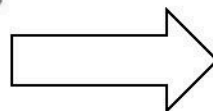
SP-90673

Cerclage Wire Tightener
Length 260mm
For twisting, for temporary fixation during reduction



SP-90674

Bending Pliers for Plates



SP-90675

Anvil, narrow

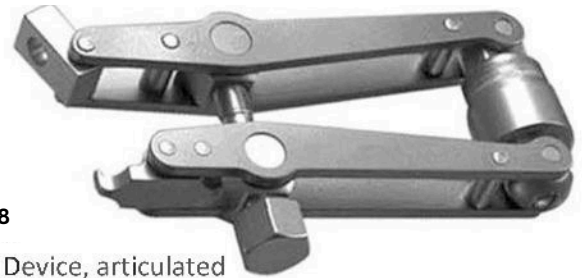


SP-90676

Anvil, Large



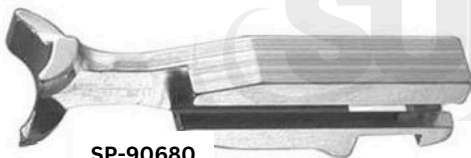
SP-90677
Bending Press
Length 400mm



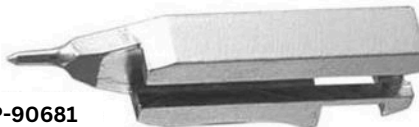
SP-90678
Tension Device, articulated
Span 20mm, can also be used as a distractor.
Color scale: yellow up to 500N, green up to 1000N, red above 100N.



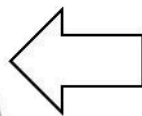
SP-90679
Chisel Guide
With adjustable angle



SP-90680
Blade with foot single



SP-90681
Blade with tip single



SP-90682
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



SP-90683
Holding Clip



SP-90684
Wire Tightener
Length 240mm, with handle and two pegs



AK-OI-1794

Handle with quick coupling
Length 150 mm



SP-90686

Cancellous Bone Impactor, curved, 6mm dia.
Flattened, Length 140 mm



SP-90688

Cancellous Bone Impactor, rectangular,
6x16mm, Length 140 mm



SP-90690

Cancellous Bone Impactor, rectangular,
10x30mm, Length 140 mm



SP-90692

Rasp, half-round
Length: 140 mm



SP-90694

Gouge, curved, 5mm wide
Length 140 mm



SP-90696

Gouge, curved, 10 mm wide
Length 140 mm



SP-90685

Cancellous Bone Impactor, curved, 6mm dia.
Length 140 mm



SP-90687

Cancellous Bone Impactor, straight, 8 mm dia.
Length 140 mm



SP-90689

Cancellous Bone Impactor, rectangular,
10x20mm, Length 140mm



SP-90691

Rasp round
Length: 140 mm



SP-90693

Gouge, straight, 5mm wide
Length 140 mm



SP-90695

Gouge, straight, 10 mm wide
Length 140mm



SP-90697

Gouge, curved, 15 mm wide
Length 140 mm



SP-90698

Gouge, straight, 15 mm wide
Length 140 mm



SP-90699

Chisel, flat, curved, 16 mm wide
Length 140 mm



SP-90700

Chisel, flat, straight, 16 mm wide
Length 140 mm



SP-90701

Chisel, flat, curved, 4 mm wide
Length 140 mm



SP-906702

Chisel, flat, 20 mm wide
Length 140 mm



SP-906703

Chisel, flat, curved, 8 mm wide
Length 140 mm



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