



ORTHOPEDIC, SPINAL AND NEURO SURGERY ALHAH INDUSTRIES





ABOUT US

Our story begins with a heritage of blacksmithing – a craft passed down through generations, rooted in precision, integrity, and hard work. In 1988, our founder stepped into the surgical field, transforming artisanal skill into life-saving innovation. Today, as the new generation leading this legacy, we are committed to redefining excellence in surgical manufacturing. We specialize in premium-grade surgical instruments, engineered with cutting-edge technology and meticulously hand-finished to meet global standards. As trusted manufacturers and exporters, our goal is to support healthcare professionals with instruments that deliver accuracy, reliability, and confidence in every procedure.

Our company certified ISO 9001, ISO 13485 & CE Mark



Guided by continuous improvement, ethical business practices, and a deep respect for human life, we aim to elevate Pakistan's presence in the global medical industry. Our vision is to become a world-renowned name in surgical innovation – honoring the craftsmanship of our past while shaping the future of medical care.



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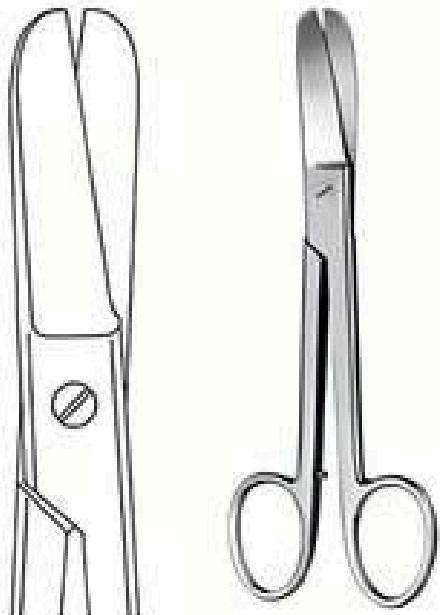
Kotli Loharan west, Sialkot.



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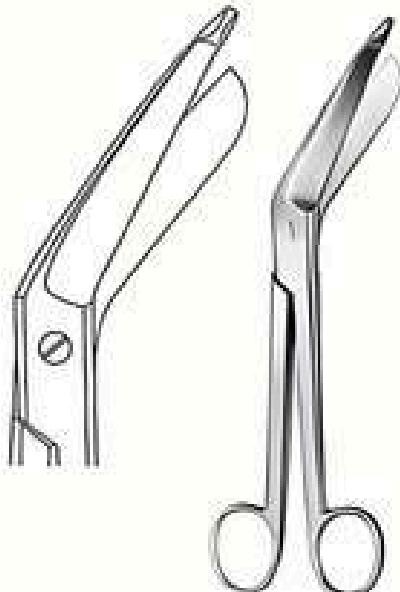
11-01-0300

Lorenz Bandage Scissors
Heavy Pattern 23 cm / 9"



11-01-0301

Lister Bandage Scissors
14.5 cm / 5 1/4"



11-01-0302

Bergmann Plaster Shears
Heavy Pattern 23.5 cm / 9"



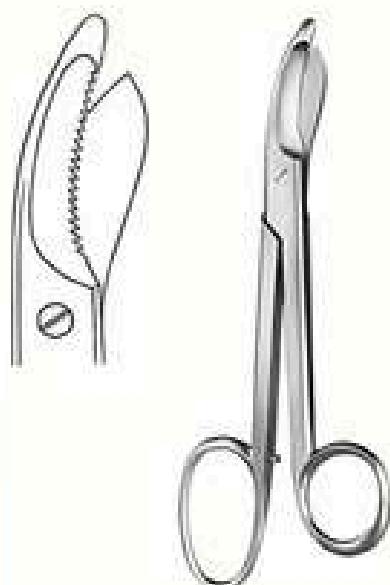
11-01-0303

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



11-01-0304

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



11-01-0305

Bruns Plaster Scissors 24 cm
9 1/4" One Serrated Cutting Edge



11-01-0306
Stille-Martin Plaster Shears
23 cm / 9"



11-01-0307
Engel Plaster Saw 15.5 cm / 6"



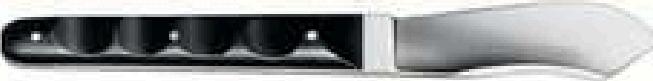
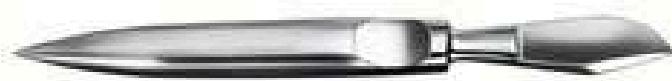
11-01-0308B
Bergmann Plaster Saw 18 cm / 7"



11-01-0309 Reiner Plaster Knife 18 cm / 7"



11-01-0311 Hopkins Plaster Knife 20 cm / 8"



with wooden handle

11-01-0310 Esmarch Plaster Knife 18 cm / 7"

11-01-0312 Martin Plaster Knife 21 cm / 8 X"



11-01-0313

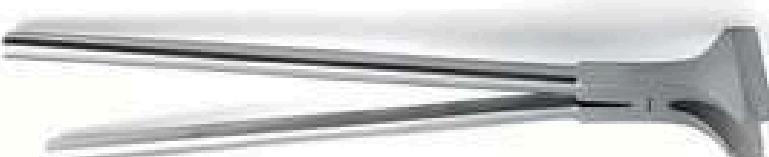
Hermann Plaster Spreader
48 cm / 19" Heavy Pattern

11-01-0314

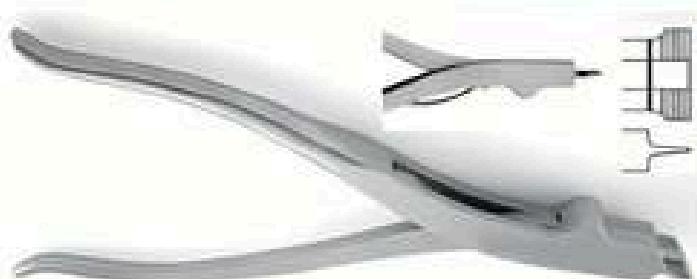
Hennig Plaster Spreader
28 cm / 11"

11-01-0315

Hennig Plaster Spreader
30 cm / 12"



11-01-0316 Beeson Plaster Spreader 1.5 in Blade 30 cm / 12"



11-01-0317 Walton Plaster Spreader w/Spring 3 Prongs 23 cm / 9"



11-01-0318

Wolff Plaster Breaker
A: 18 cm / 7"
B: 26.5 cm / 10 1/2"



11-01-0319
Lister Bandage Scissors TC
18 cm / 7" cm / 13 ½"



11-01-0320
Bruns Plaster Scissors
24 cm / 9 ½"



11-01-0321

Charriere Amputation Saw 35 cm / 13 ¾"

A: 21.5 cm / 8 ½" 12mm

B: 21.5 cm / 8 ½" 15mm

C: 21.5 cm / 8 ½" 18mm

Spare Saw Blades



11-01-0322
BIER Amputation Saw 40.5 cm / 16"

A: 27 cm / 10 ½" 4 mm wide

B: 27 cm / 10 ½" 6 mm wide

C: 27 cm / 10 ½" 8 mm wide

11-01-0323

Langenbeck Amputation Saw 24.5 cm / 9 3/4"



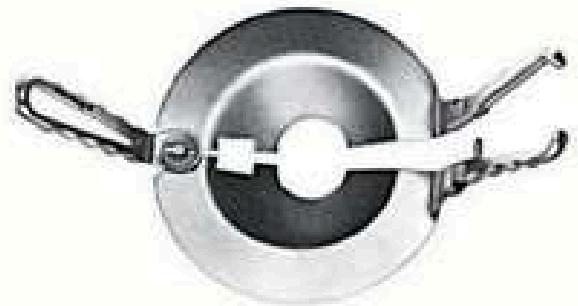
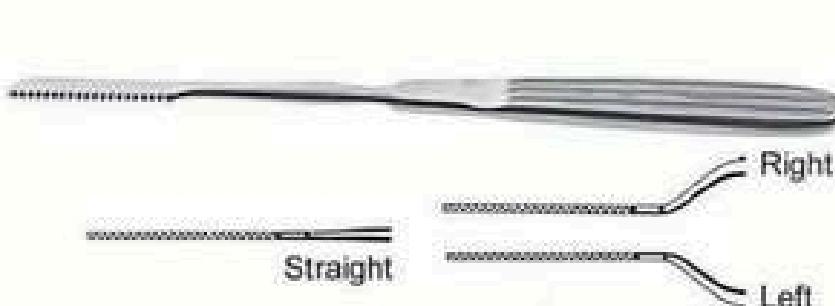
11-01-0324 Satterlee Amputation Saw
29 cm / 11 ½"



11-01-0325 Charriere Amputation Saw 27 cm / 10 ½"



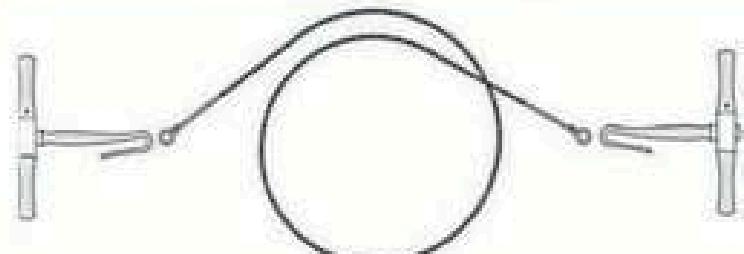
11-01-0326 Satterlee Amputation Saw 23 cm / 9"



11-01-0328

11-01-0327 Joseph Amputation Saw 18 cm / 7"

Percy Amputation Shield 30 cm / 12"



11-01-000

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

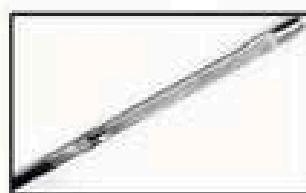


11-01-001 Gigli Sold in Pair

11-01-002 Gigli Sold in Pair

11-01-005 BAILEY GIGLI SAW GUIDE 30 CM

11-01-006 POPPEN GIGLI SAW GUIDE 28 CM



11-01-003 Gigli Sold in Pair



11-01-004 Gigli Sold in Pair



11-01-0329

Reamer
13.5cm / 5 1/2"



11-01-0330

Perthes Reamer
18 cm / 7"



11-01-0331

Perthes Reamer
21.5 cm / 8 1/2"



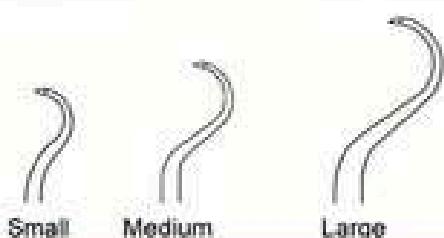
11-01-0332

Reamer One concave
side 14 cm / 5 1/2"



11-01-0333

Glenoid Punch
20 cm / 8"



11-01-0334
Shoulder Percussion Awl A: 21.5cm / 8 1/2" B: 23.5cm / 9 1/2"



A: 20cm / 8"
19X27mm
Sharp

B: 23cm / 9"
15X20mm
Blunt

C: 23cm / 9"
15X20mm
Sharp

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

11-01-0335 Volkman Bone Hook



Pointed

11-01-0337

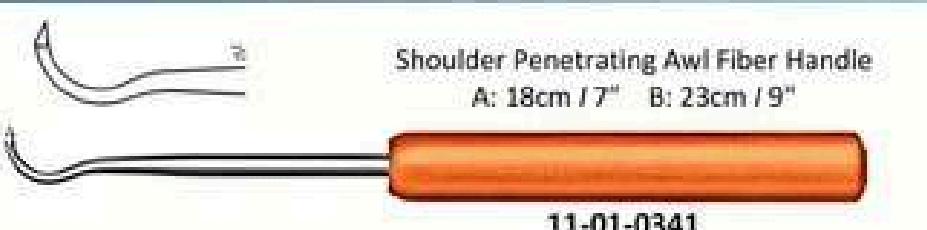
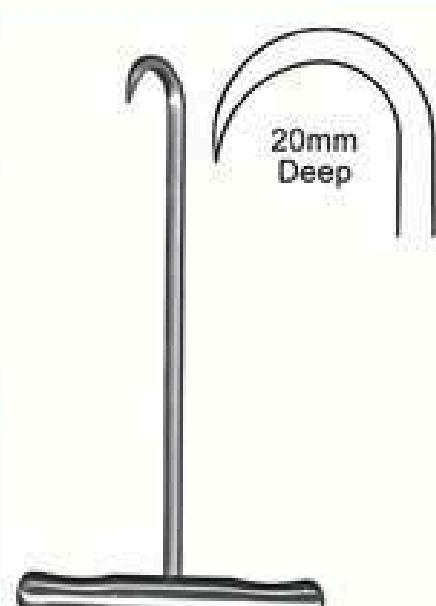
Rush Awl / Reamer

A: 19 cm/7 $\frac{1}{2}$ " 2.5mm

B: 21 cm/8 $\frac{1}{2}$ " 3mm

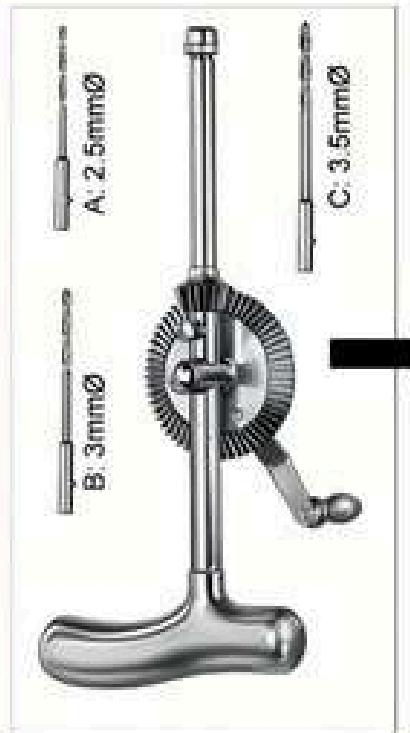
C: 21 cm/8 $\frac{1}{2}$ " 5mm

D: 26 cm/10 $\frac{1}{2}$ " 6mm





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



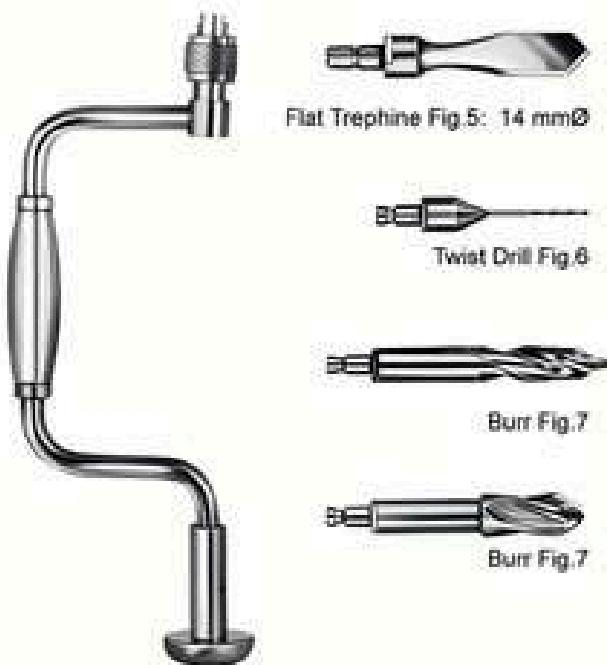
11-01-0344 Stille Hand Drill 20.5 cm / 8" w / 9 Twist Drills



Conical Burr Fig.1: 9mmØ
Conical Burr Fig.2: 14mmØ
Spherical Burr Fig.3: 16mmØ
Spherical Burr Fig.4: 22mmØ
Extension Piece Fig.9

11-01-0345

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



11-01-0346 Moore Hand Drill
Complete with a set of 3 twist drills



11-01-0347

Martin Hand Drill with Chuck & Wrench



11-01-0348

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

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



11-01-0349

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

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



11-01-0350

Ralk Hand Drill

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



11-01-0351

HAND DRILL

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



11-01-0352

Hand Drill

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



Box for Hand Drills

Outside Artificial Leather
/ Inside Jumbo Foam



11-01-0353

Hand Drill

Polished / Dull or Coated. Operated
Horizontally and Vertically



11-01-0354

Hand Drill

Polished / Dull or Coated.
All Covered



All Hand Drills
Provided with Keys



11-01-0355

Hand Drill
Polished / Dull
Or Coated.
Open Housing



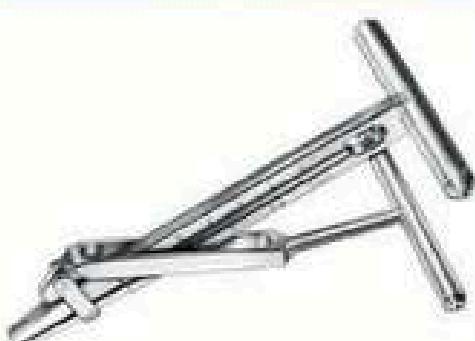
11-01-0356

Hand Drill
Polished / Dull
Or Coated.
Open Housing



11-01-0357

Hand Drill
Polished / Dull
Or Coated.
Semi Closed Housing



11-01-0358

Vickers Easidriver 14 Cm / 5 1/2"



11-01-0359

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



11-01-0360

Handle with chuck T-Shaped



11-01-0361

Fiber T-Handle Key



11-01-0362

Key



11-01-0363

Key



11-00-01

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



11-00-02

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



11-00-03

5mm Borchardt Shaft Flat Trepine

A: 1.8mm B: 2.0mm C: 2.2mm D: 2.5mm E: 3.0mm F: 3.5mm G: 4.0mm H: 5.0mm



11-00-04

5mm Borchardt Shaft Spherical Burr

A: 3.0mm B: 4.0mm



11-00-05

5mm Borchardt Shaft Spherical Burr

A: 3.0mm B: 5.0mm



Long 5mm Borchardt Shaft



Short 5mm Borchardt Shaft

11-00-06

Doyen Spherical Burr

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

11-00-07

Doyen Spherical Burr

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



11-00-08

Doyen Conical Burr

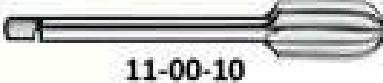
Coarse Spacing 12mm Dia



11-00-09

Doyen Conical Burr

Fine Spacing A: 8mm / B: 10 mm



11-00-10

Doyen Cylindrical Burr

Coarse Spacing A: 12mm / B: 15mm



11-00-11

Albee Burr Oval Coarse Spacing

A: 8mm / B: 10 mm / C: 12 mm



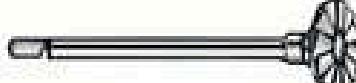
11-00-12

Albee Burr Pointed 7 mm



11-00-13

Borchardt Burr Oval Coarse Spacing 13mm



11-00-14

Flat Burr Short Borchardt Shaft 25mm

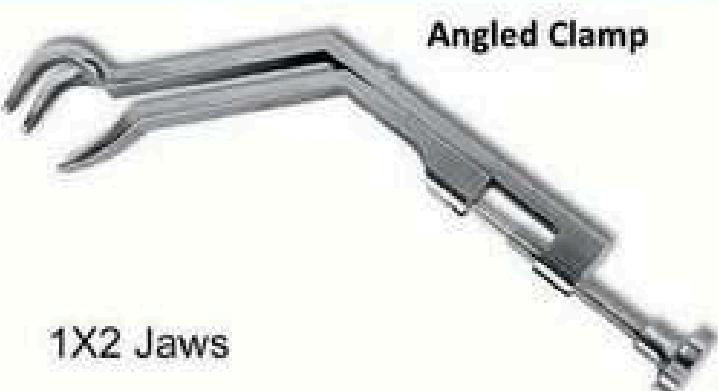
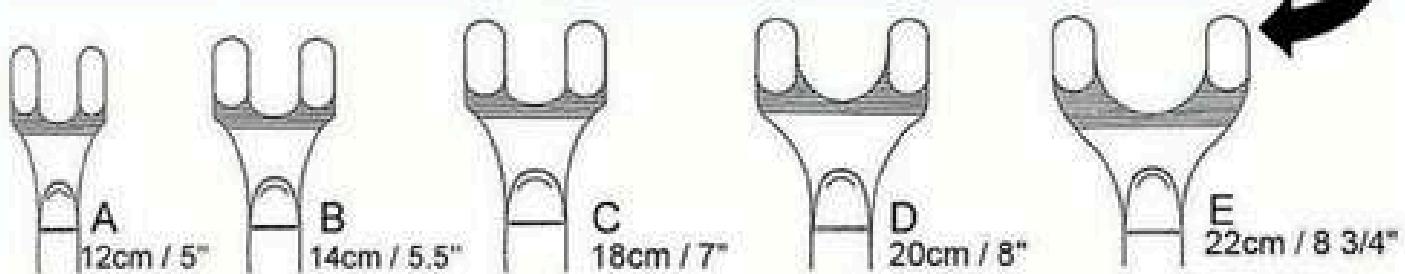


11-00-15

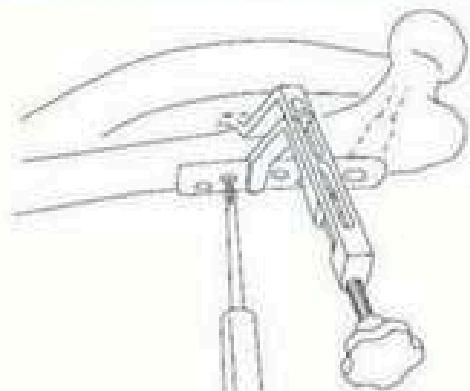
Toti Trepine Short Borchardt Shaft 8mm



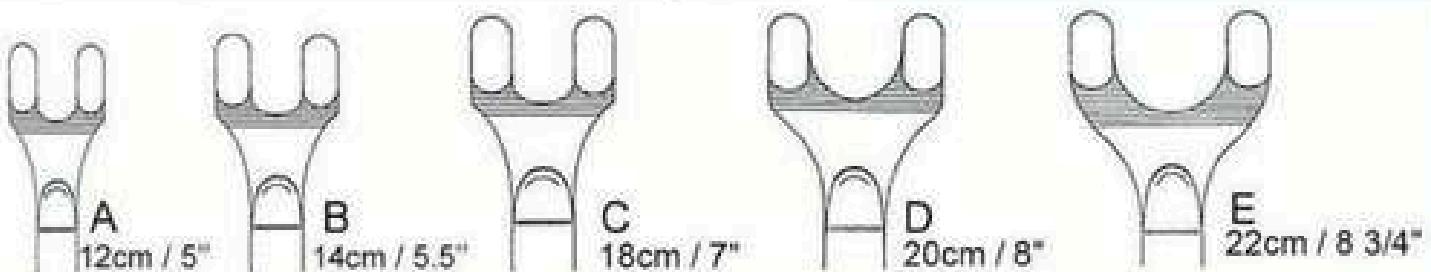
11-01-0364 Gerster-Lowman Bone Holding Clamp

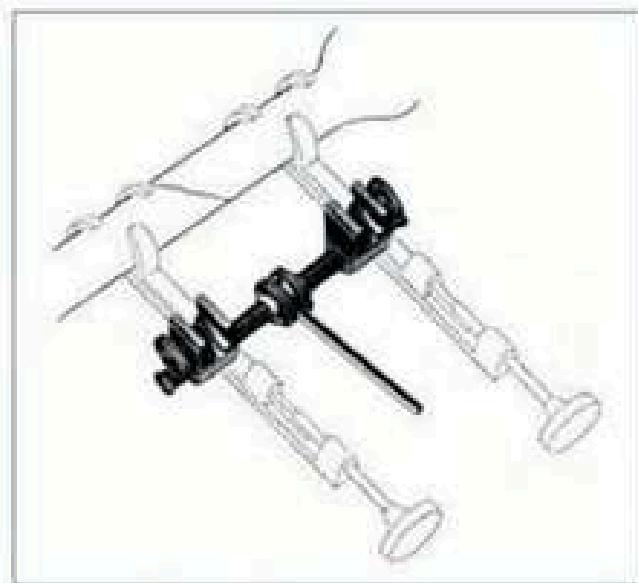


1X2 Jaws

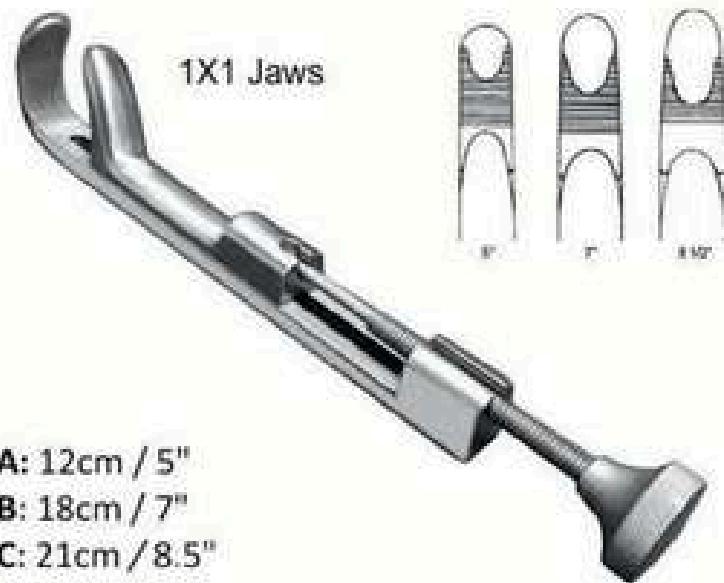


11-01-0365 Gerster-Lowman Bone Holding Clamp

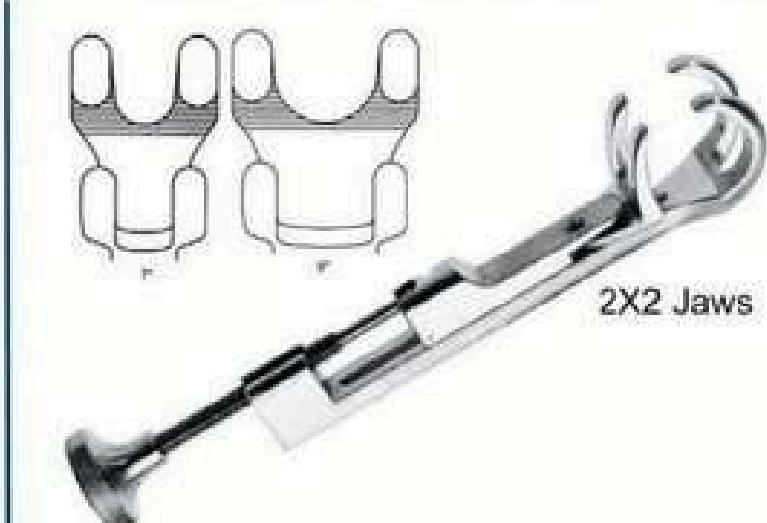




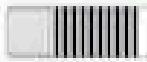
11-01-0366 Gerster Traction bar 15 cm / 6"



11-01-0367
Gerster-Lowman Bone Holding Clamp



11-01-0368
Gerster-Lowman Bone Holding Clamp



11-01-0369

Vise Grip Locking Plier 23 cm / 9"



11-01-0370

Vise Grip Locking Plier 20.5 cm / 8"



11-01-0371

Vise Grip Locking Plier 18 cm / 7"



11-01-0375

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



Max 1.6mm Cutting Capacity

11-01-0376

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



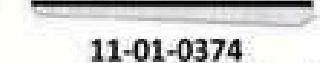
11-01-0372

Needle Nose Locking Plier 30 cm / 12"



11-01-0373

Needle Nose Locking Plier 25.5 cm / 10"



11-01-0374

Needle Nose Locking Plier 22 cm / 8.5"



11-01-0377

Long Nose Plier 22 cm / 8 1/4"



11-01-0378

Vise Grip 20.5 cm / 8" Stainless Steel



11-01-0379

Regular Jaw Locking Plier

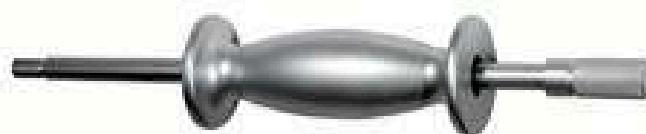
A: 18 cm / 7" B: 20 cm / 8" C: 23 cm / 9"



11-01-0380

Needle Nose Locking Plier

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



11-01-0381

SLAP HAMMER w/ Threaded Shaft Head



11-01-0382

SLAP HAMMER w/ Hexa Shaft Head



11-01-0383

Combi-Flat Nose Pliers 15 cm / 6"

For Bending & Cutting



11-01-0385

Flat Nose Plier 13.5 cm / 5 1/2"



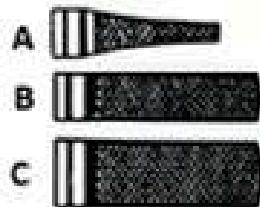
11-01-0384

Round / Flat Nose Pliers 18 cm / 7"



11-01-0386

Hackstock Flat Nose Pliers 16 cm / 6 1/2"



11-01-0387

Flat Nose Pliers 18 cm / 7" Parallel Grip



11-01-0388

Flat Nose Pliers 17 cm / 6 1/2" with crosswise groove



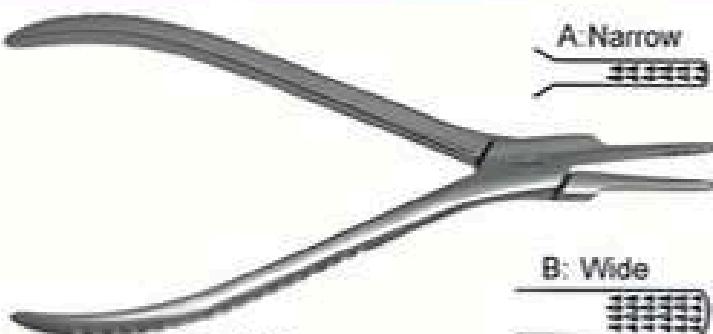
11-01-0389

Flat Nose Pliers 17.5 cm / 7"



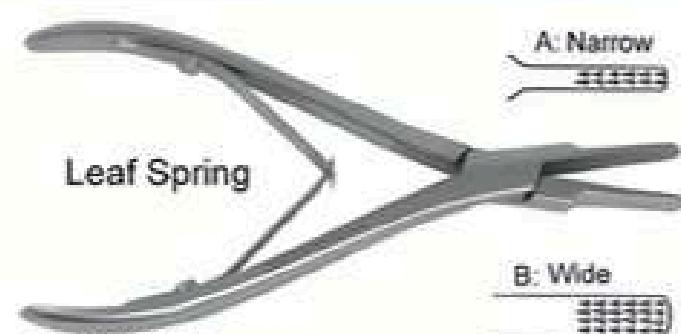
11-01-0390

Flat Nose Pliers Pointed 19.5 cm / 7 1/2"



11-01-0391

Platypus Nail Pulling Forceps 15.5 cm / 6 1/2"



11-01-0392

Platypus Nail Pulling Forceps 15.5 cm / 6 1/2"



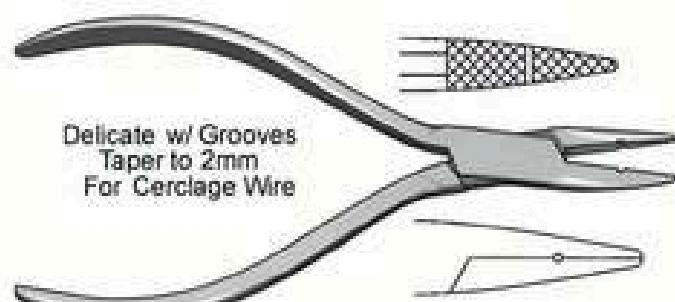
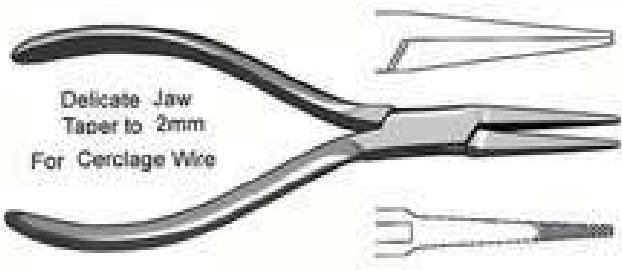
11-01-0393

Round Nose Pliers 15.5 cm / 6 1/2"



11-

Needle Nose Pliers 15.5 cm / 6 1/2"



11-01-0395
Flat Nose Pliers 15 cm / 6"

11-01-0396
Needle Nose Pliers 13.5 cm / 5 1/2"



11-01-0397
Needle Nose Pliers Taper to 2mm Tip 14 cm / 5 1/2"



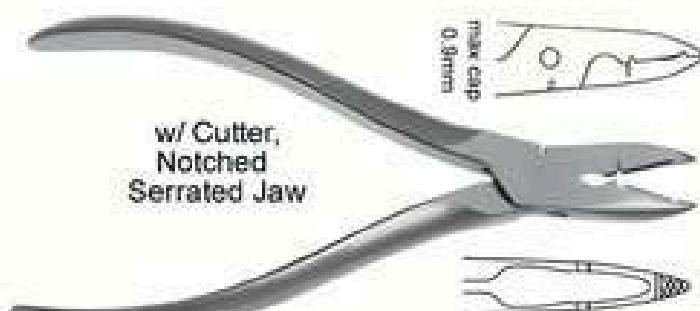
11-01-0398
Wire Cutting Pliers 18.5 cm / 7 1/2"



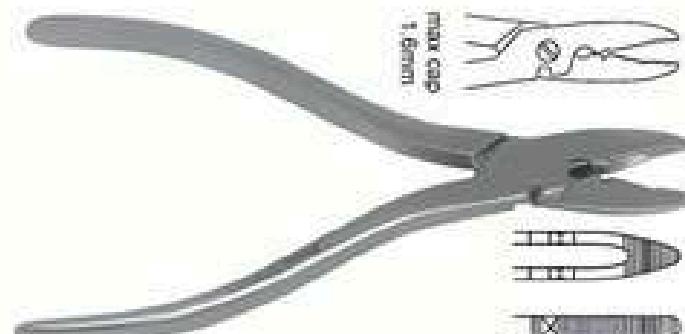
11-01-0399
Martin "Diamant" 16cm / 6 1/2"



11-01-0400
Circlage Pliers / Cutter 14 cm / 5 1/2"



11-01-0401
Wire Bending Pliers 20 cm / 8"



11-01-0402
Wire Bending Pliers 15 cm / 6"



11-01-0403

Wire Bending Pliers TC 20 cm / 8"



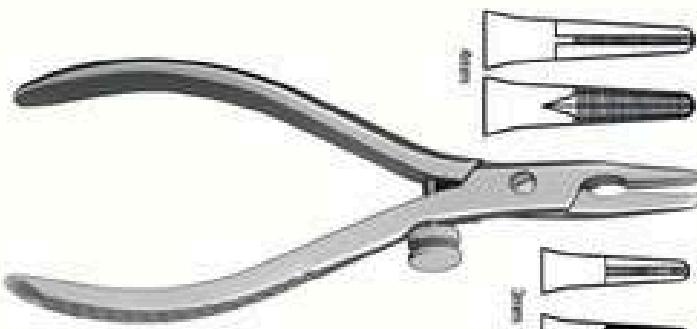
11-01-0404

Needle Nose Pliers 15 cm / 6"



11-01-0405

Flat Nose Pliers 14 cm / 5 1/2"



11-01-0406

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



11-01-0407

Screw/Pin Removing Pliers 19 cm / 7 1/2"



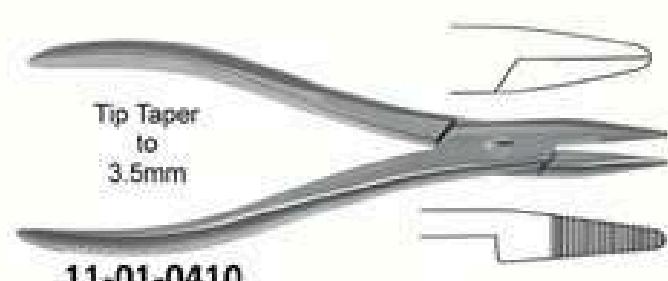
11-01-0408

Pin Puller Grips Small Pins 14 cm / 5 1/2"



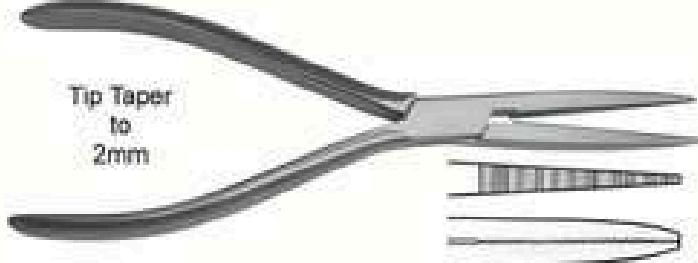
11-01-0409

Flat Nose Pliers w/ Cutter for Cerclage Wire 16 cm / 6 1/2"



11-01-0410

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



11-01-0411
Long Jaw Pliers 2inch Long Jaw Delicate 17.5 cm / 7"

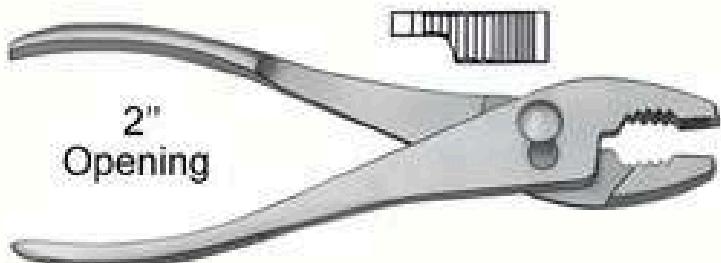
A: 17.5 cm / 7" Needle Nose 2" Jaw
B: 16 cm / 6 ½" Square 7mm Jaw
C: 18 cm / 7" Tape to 2mm Tip



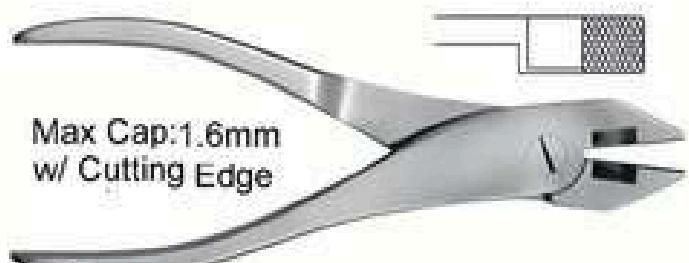
11-01-0412

UNIVERSAL Pliers

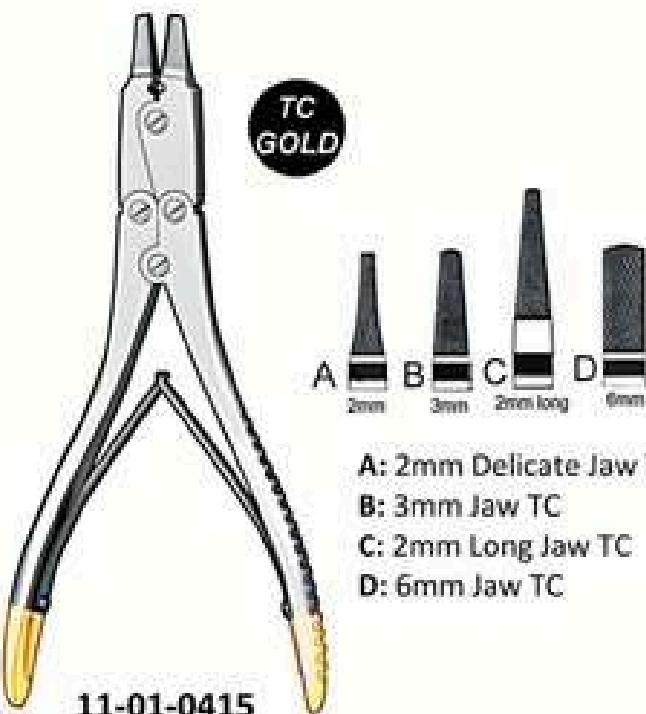
Serrated w/ Heavy duty Spring and Cutting Edge
Max Cutline Cap: 1.1 mm



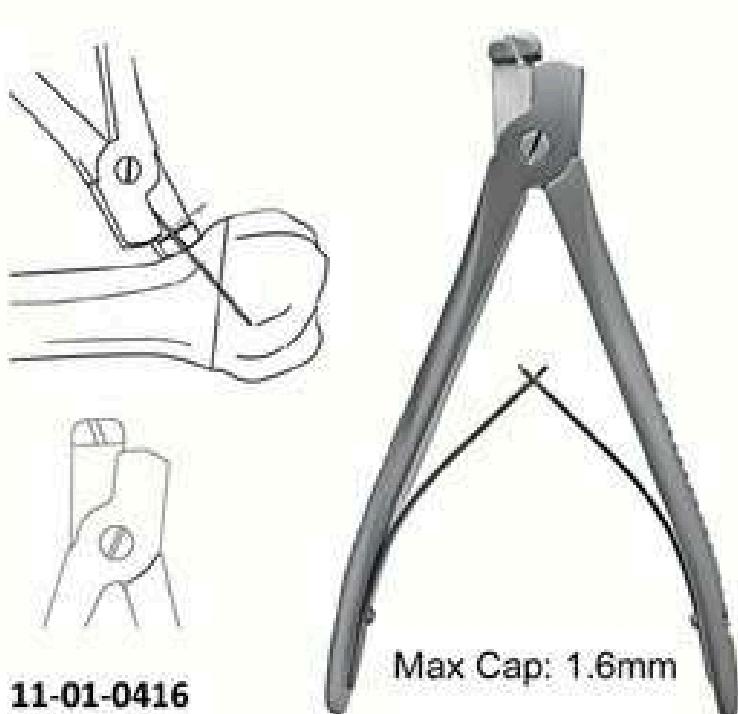
11-01-0413
Slip Joint Pliers 20 cm / 8"



11-01-0414
Lineman Pliers 21 cm / 8 ½"



11-01-0415
Double Action Wire Extraction Plier
18 cm / 7"



11-01-0416
Gratloch Wire Bender
19 cm / 7 ½"



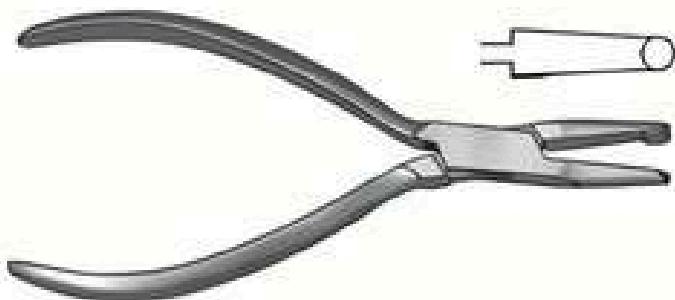
11-01-0417

K-Wire / Plate Bender 13.5cm / 5"



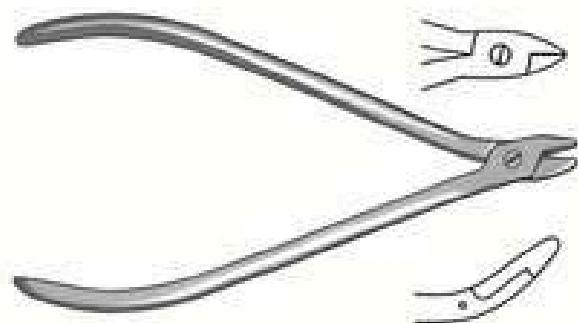
11-01-0418

K-Wire / Plate Bender 14.5 cm / 5 1/2"



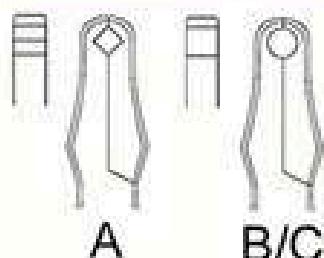
11-01-0419

Mini Plate Bending Pliers 13.5 cm / 5"



11-01-0420

Plate Bending Pliers 14.5 cm / 5 1/2"



A: 5.5mm Rods Prism

B: 5.5mm Rods

C: 6.35mm Rods

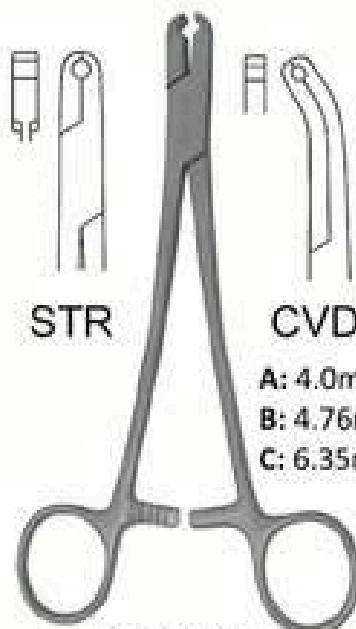
11-01-0421

Rod Holder STR 25 cm / 10"

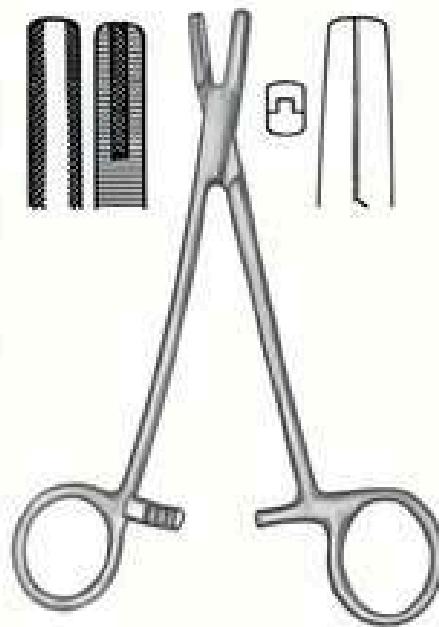


11-01-0422

Rod Gripper Adjustable
21 cm / 8 1/2"



11-01-0423
Rod Holder 18 cm / 7 1/4"



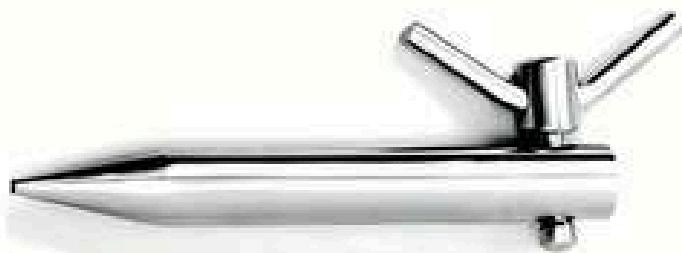
11-01-0424
Wire Pulling Forceps 16 cm / 6 1/4"



11-01-0425
Wire Twister / Tightner 16cm / 6 1/4"



11-01-0426
Loute Wire Tightener 21 cm / 8 1/4"



11-01-0427
Wire Tightener 12 cm / 4 1/2"



11-01-0428
Wire Tightener w / T Handle
11.5 cm / 4 1/2"



CVD
Crochet Hook
18cm /7 1/4"



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

11-01-0429
Demel Wire Guide

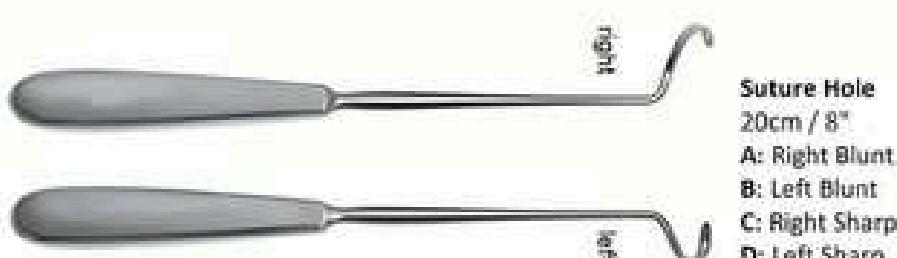
11-01-0430
Bankert Ligature Carrier



11-01-0431
Suture Passer



11-01-0432
Suture Passer



11-01-0433
Deschamps Ligature Carrier

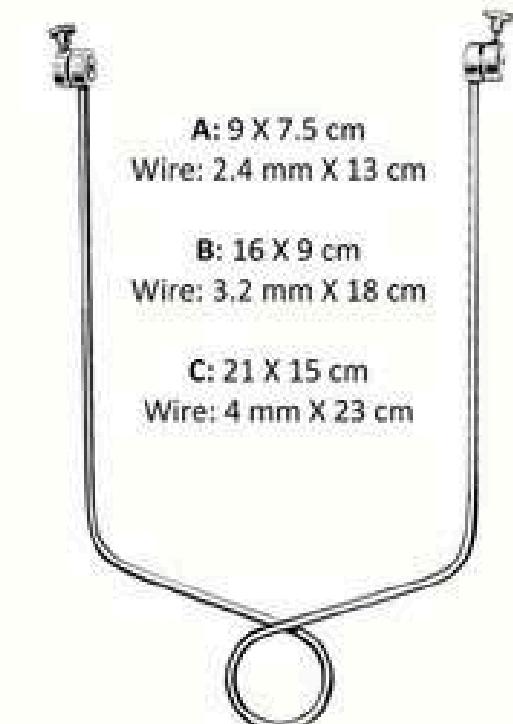


- A) For Wrist / Ankle 1.0X1.0cm
- B) For Elbow 12X12cm
- C) For Knee 15.5X15.5cm
- D) For Femur 20X15.5cm

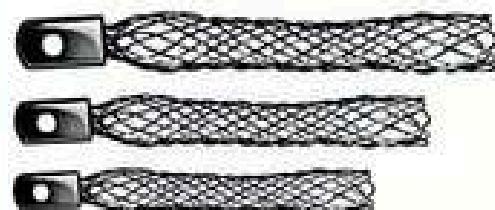
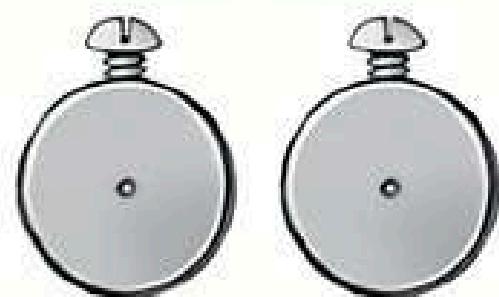
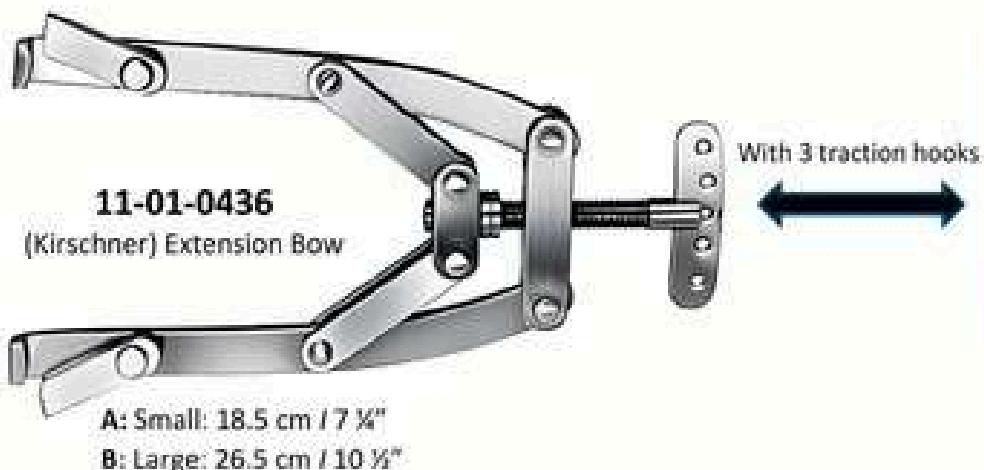
A: 9 X 7.5 cm
Wire: 2.4 mm X 13 cm

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

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



11-01-0435
Bohler Extension Bow for femur & knee





11-01-0449
Finger Ring Saw Cutter Spare

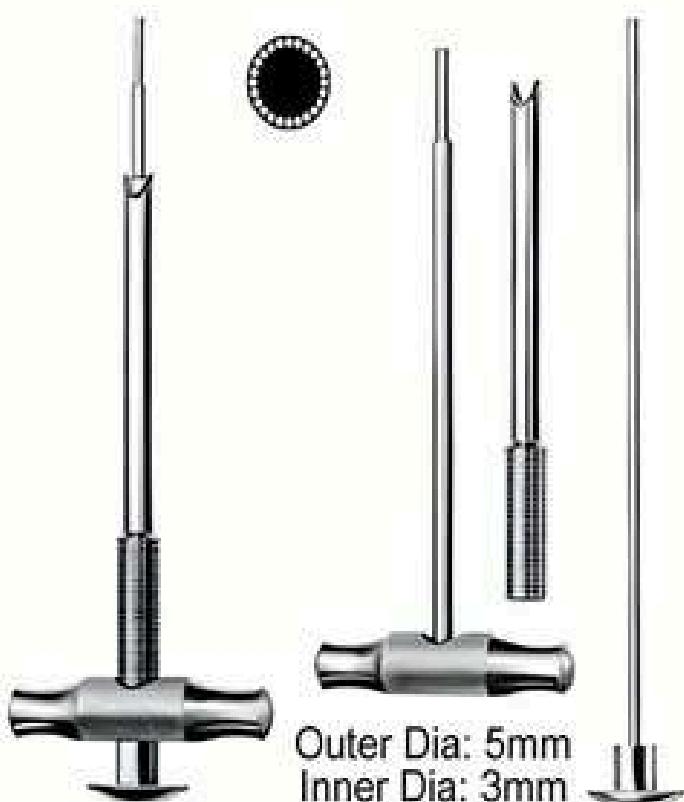


11-01-0450

Lead Hand for Kids / Adults

11-01-0451

Lead Hand for Kids / Adults



11-01-0452

Champy-OSU Bone Biopsy Instruments
22 cm / 8 ½"

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



11-01-0453

Champy Bone Biopsy Instruments
22 cm / 8 ½"



11-01-0454

Bone Tamper

15.5 cm / 6" Tip

Sizes: 2-3-4-5-6-8-9-10 mm

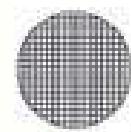


11-01-0455

Champy Cancellous Bone graft Mill

Outer Dia: 17mm

Inner Dia: 16mm



11-01-0456

Bone Impactor / Teflon Tip 17cm / 6 ½"



11-01-0457

Casper Bone Tamper 20 cm / 8"



11-01-0458

Lumbar / Cervical Impactor 21cm / 8 ½"



11-01-0459

Lumbar / Cervical Impactor 21cm / 8 ½"

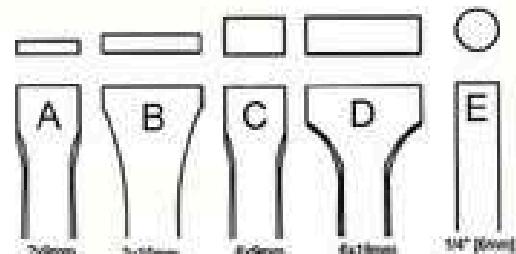




11-01-0460

Bone Chip Packer 25cm / 10"

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



11-01-0461

Bone Tamper 43 cm / 17"

9.5mm DIA



11-01-0462

Putti Bone Rasp Round / Semi Round
30 cm / 11 1/2"



11-01-0463

Putti Bone Rasp Curved / Straight
27cm / 10 1/2"



11-01-0464

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

5mm

3mm



11-01-0465

Bone File 24.5 cm / 9 1/2" w/ Hollow Handle Semi



11-01-0466

Bone File 22 cm / 8 1/2" Flat / Round



11-01-0467

Bone Rasp 22 cm / 8 1/2" Flat / Round



11-01-0468

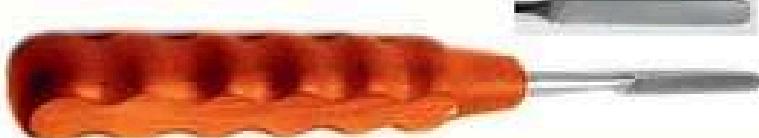
Bone File Fiber Handle 18cm / 7"



C: Straight

B: Curved Forward

C: Curved Backward



11-01-0469

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



11-01-0470

Bone File 18 cm / 7" Fiber Handle / Linear



11-01-0471A

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



11-01-0471B

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



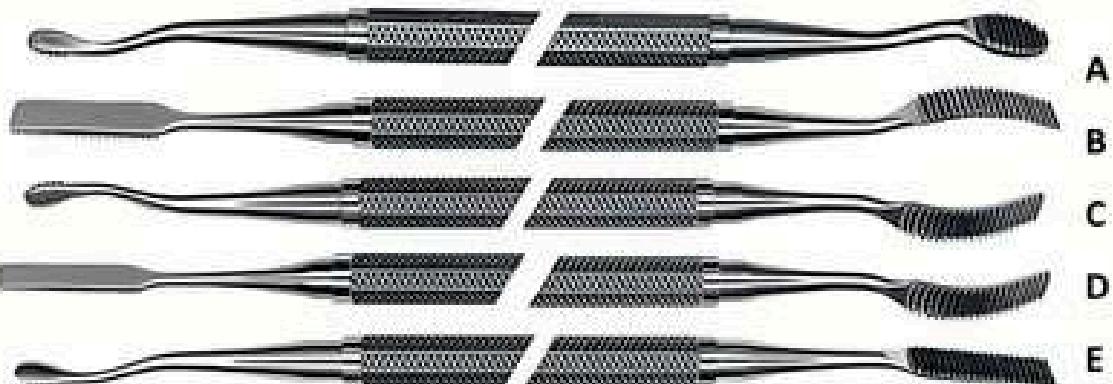
11-01-0472A

Bipolar Bone Rasp w / Rod

11-01-0472B

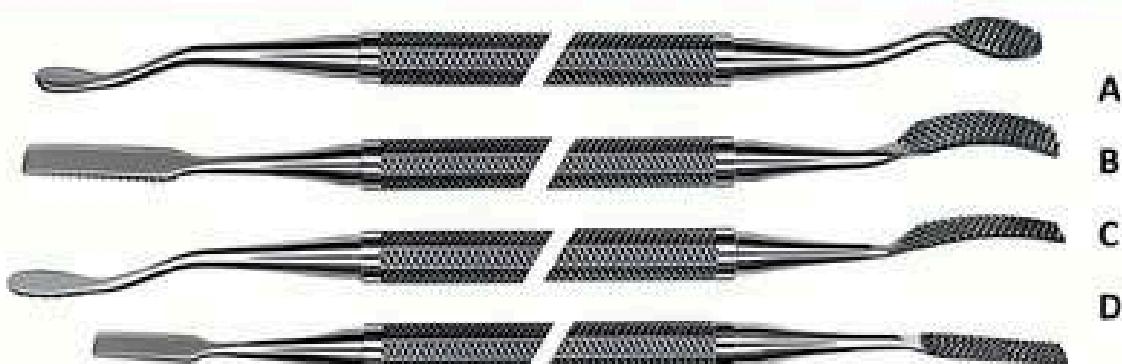
Femoral Bone Rasp w / Rod

A: Small B: Medium C: Large



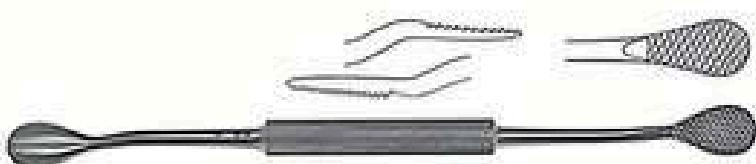
11-01-0473

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



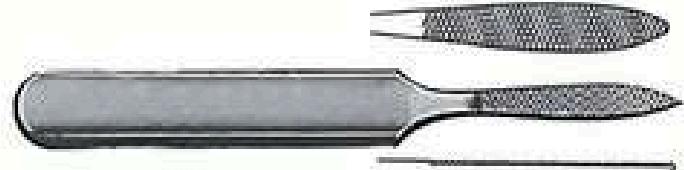
11-01-0474

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



11-01-0475

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



11-01-0476

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



11-01-0477

Bone Rasp Lewis
19 cm / 7.5" 8mm



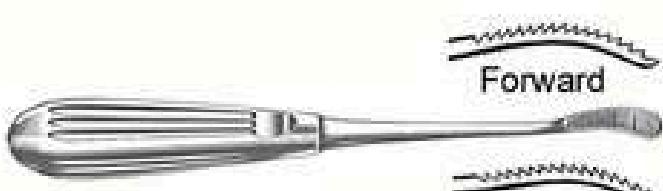
11-01-0478

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



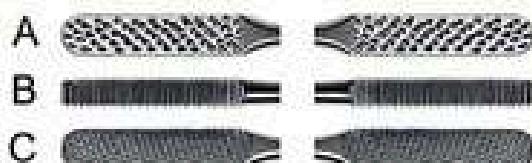
11-01-0479

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



11-01-0480

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



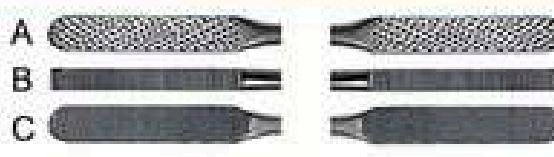
11-01-0481

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



11-01-0482

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



11-01-0483

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



11-01-0484

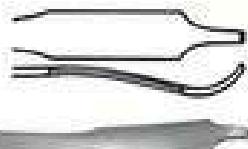
Bone File / Rasp 21 cm / 8.5"
18mm Fine / Coarse Serr



11-01-0485
Bone Lever 16 cm / 6 1/2"



11-01-0486
Hohman, Mini Bone Lever 16 cm / 6 1/2" 6 mm tip



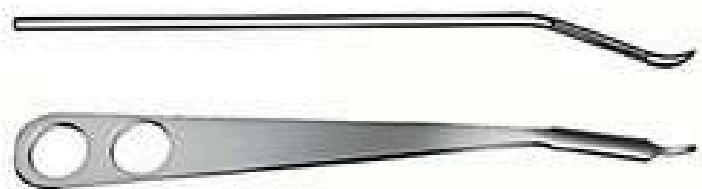
11-01-0487
Hohman, Mini Bone Lever 16 cm / 6 1/2" 8 mm tip



11-01-0488
Mini Bone Lever 16cm / 6 1/2" 14 mm tip



11-01-0489
Hohman, Mini Bone Lever 12 cm / 4 1/2" 14 mm tip



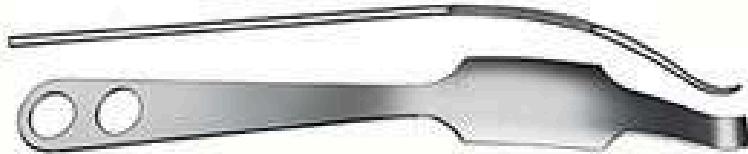
11-01-0490
Hohmann Bone Lever 22 cm / 8 1/2" 8 mm Tip narrow tip



11-01-0491
Hohmann Bone Lever 23.5 cm / 9 1/2" 18 mm Tip narrow tip



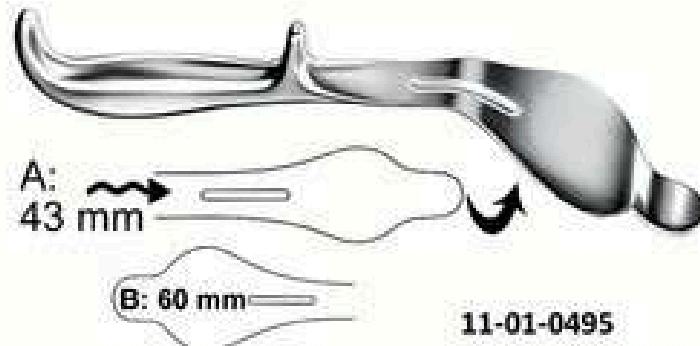
11-01-0492
Hohmann Bone Lever 23.5 cm / 9 1/2" 43 mm Tip narrow tip



11-01-0493
Hohmann Bone Lever 29 cm / 11 1/2" 35mm Tip wide tip



11-01-0494
Lange-Hohmann Bone Lever 25 cm / 9 1/2" 22mm Tip
Wide tip with groove



11-01-0495
Bennett Bone Lever 24 cm / 9 ½"



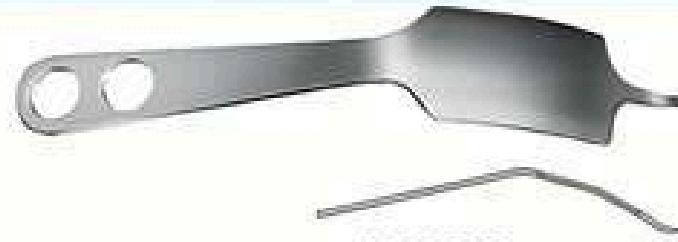
11-01-0496
Hohmann Bone Lever 27.5 cm / 10 ¾"
24mm Tip wide, round tip



11-01-0497
Hohmann Bone Lever 25 cm / 9 ¾" 70 mm Tip narrow tip



11-01-0498
Blount Knee Retractor 26.5 cm / 10 ½" blunt



11-01-0499
Hohmann Bone Lever 23.5 cm / 9 ⅝" 43mm Tip narrow tip



11-01-0500
Blount Knee Retractor 26.5 cm / 10 ½"



11-01-0501
Hohmann Bone Lever 25.5 cm / 10" 22mm Tip wide tip



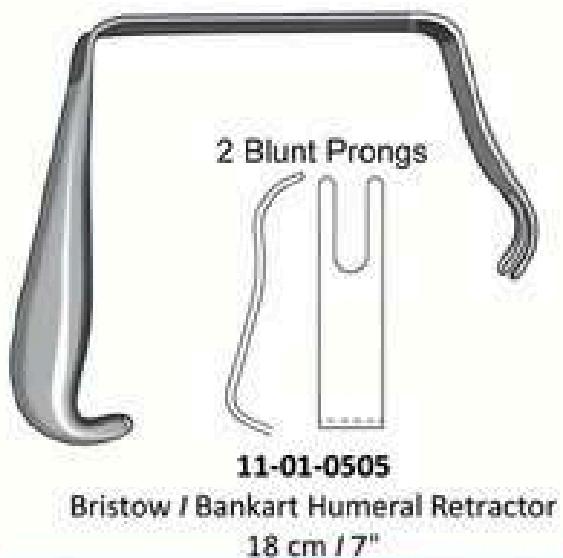
11-01-0502
Blount Knee Retractor 17.5 cm / 7"

Sizes Available:

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



11-01-0503
Taylor Spinal
Retractor
16 cm / 6 ¼"
Pointed end





11-01-0513
Smillie Retractor 13 cm / 5"



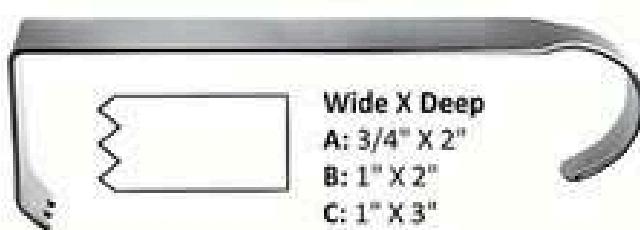
11-01-0514
Smillie Retractor 14 cm / 5 1/2"



11-01-0515
Smillie Retractor Angled Blade 14cm / 5 1/2"

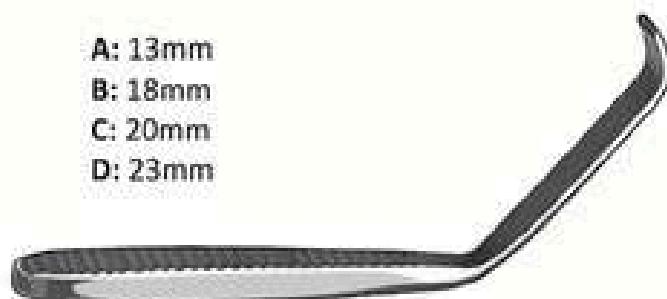


11-01-0516
Knee Retractor 22 cm / 8 1/2" Ring Handle



11-01-0517
Hibbs Retractor 24 cm / 9 1/2" Sharp Teeth

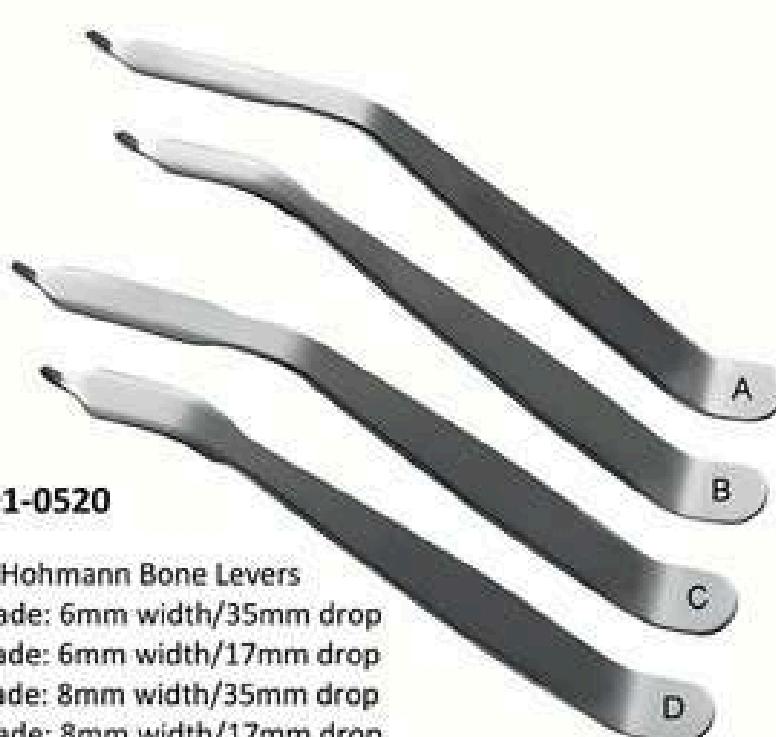
A: 13mm
B: 18mm
C: 20mm
D: 23mm



11-01-0518
Blade Retractor 19 cm / 7 1/2"



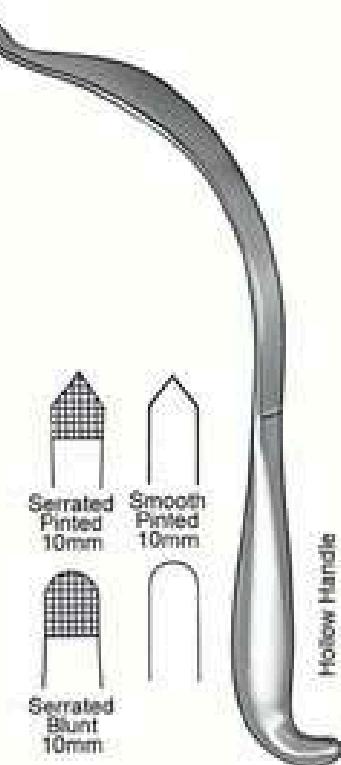
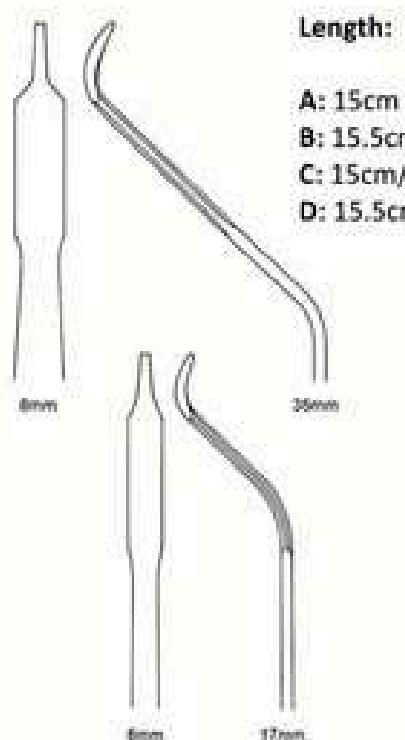
11-01-0519 Hayes Retractor



11-01-0520

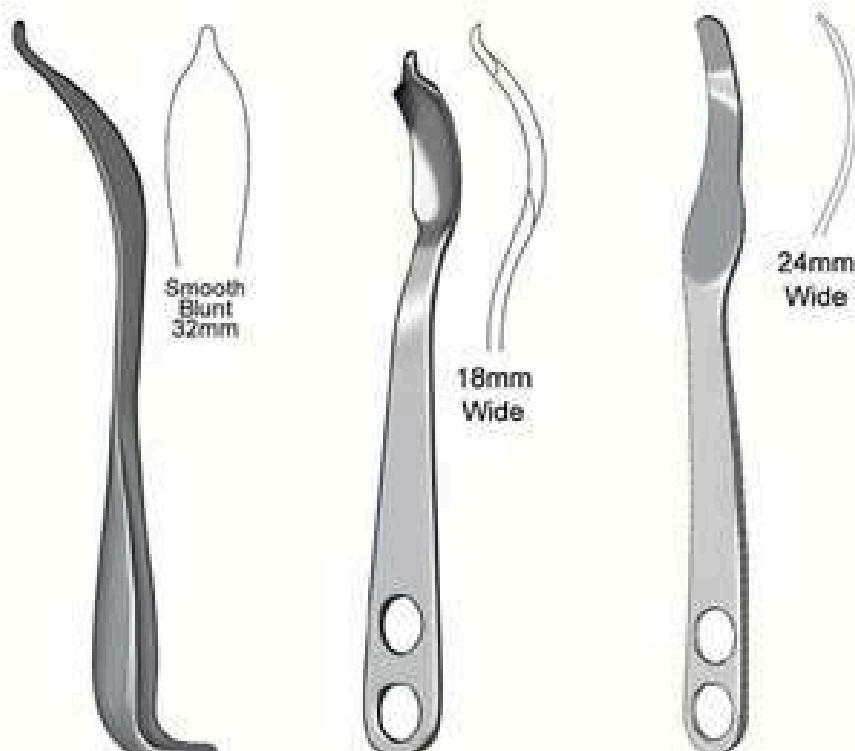
Mini Hohmann Bone Levers

- A: Blade: 6mm width/35mm drop
- B: Blade: 6mm width/17mm drop
- C: Blade: 8mm width/35mm drop
- D: Blade: 8mm width/17mm drop



11-01-0521

Aufranc Cobra Retractor
26 cm / 10 ½"



11-01-0522

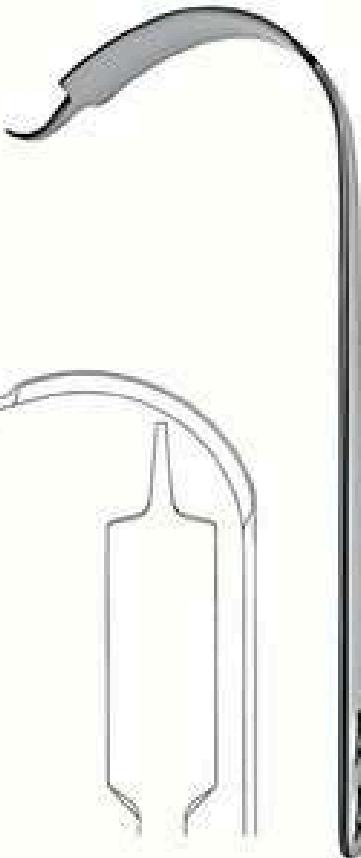
Aufranc Cobra Retractor
27.5cm / 11"

11-01-0523

Humeral Head Retractor Pelvic Retractor Single Prong
23 cm / 9"

11-01-0524

Pelvic Retractor Single Prong
26 cm / 10 ½"



11-01-0529
Hohmann Retractor
33 cm / 13"



11-01-0530
Virchow Skull Breaker
7.5 cm / 3" 40 mm Blade Width

11-01-0531
Buckley Chisel
16cm / 6 1/4"
Octagonal handle



11-01-0532
Buckley Gouge
16cm / 6 1/4"
Octagonal handle



11-01-0533
Stout Bone Chisel 21 cm / 8 1/4" octagonal handle

11-01-0534
Bone Chisel 18 cm / 7" Round Handle
4mm



11-01-0535
Bone Chisel 17 cm / 6 1/4" Round Handle
4mm



11-01-0536
Gardner Bone Chisel 17 cm / 6 1/4" 4 mm



11-01-0525

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: 7 112" X 25mm	K: 13" X 19mm	Q: 13" X 75mm
F: 8" X 6mm	L: 13" X 30mm	



11-01-0526

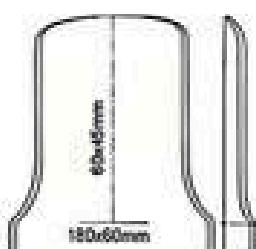
Murphy Bone Skid
30 cm / 12"



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



B: 33cm / 13" With Lip



C: 33cm / 13" Without Lip



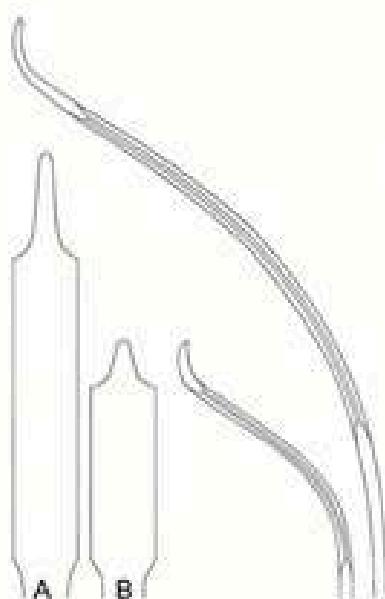
11-01-0527

St. Mark's Pelvic Retractor
Angled Blade

A: 22mm Blade
2 Finger Rings Long Round



B: 22mm Blade
1 Finger Ring Short Round



11-01-0528

Hohmann Retractor
40cm / 16"



FIG A: 3 mm



FIG B: 5 mm



11-01-0537

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

11-01-0538

Bone Chisel 18 cm / 7" Octagonal Handle 4 mm

4mm



3mm



9mm



FIG B

7mm

11-01-0539

Bone Chisel 18 cm / 7" Octagonal Handle 3 mm

11-01-0540

O.S.U. Bone Chisel 17 cm / 6 ¾" 7 mm / 9 mm

Fig:A

Fig:B

Fig:C

Fig:D

Fig:E

8mm

10mm

12mm

14mm

16mm

Side View



Fig:A

Fig:B

Fig:C

Fig:D

Fig:E

8mm

10mm

12mm

14mm

16mm

Side View



11-01-0541

Osteotome 13.5 cm / 5 ¼"

11-01-0542

Chisel 13.5 cm / 5 ¼"

Fig:A

Fig:B

Fig:C

Fig:D

Fig:E

8mm

10mm

12mm

14mm

16mm

Side View



Fig:A

Fig:B

Fig:C

Fig:D

Fig:E

2mm

3mm

4mm

5mm

6mm

Side View



11-01-0543

Gouge 13.5 cm / 5 ¼"

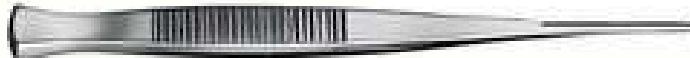
11-01-0544 Partsch Chisel 13.5 cm / 5 ¼"

11-01-0545 Partsch Chisel 17 cm / 6 ¾"





Side View



11-01-0546 Partsch Gouge 13.5 cm / 5 1/4"

11-01-0547 Partsch Gouge 13.5 cm / 5 1/4"



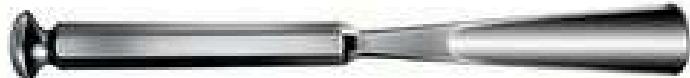
Side View



11-01-0548 Alexander Gouge 17.5 cm / 7"



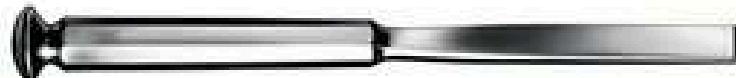
Side View



11-01-0549 Stille Gouge 20 cm / 8"



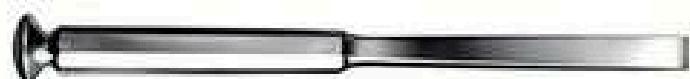
Side View



11-01-0550 Stille Chisel 20 cm / 8"



Side View



11-01-0551 Stille Osteotome 20 cm / 8"



Side View
Curved Tip

11-01-555
Lambotte, Osteotome
24 cm / 9 1/2"
Curved Tip

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



Available Tip Sizes

Side View



→ 2mm/3mm/4mm/6mm/8mm/10mm/12mm/15mm

11-01-0552 (12.5 cm / 5") Lambotte, Mini Osteotome

11-01-0553 (17 cm / 6 1/2") Lambotte, Mini Osteotome
3mm / 4mm / 6mm / 8mm / 10mm / 12mm / 15mm

11-01-0554 (24 cm / 9 1/2") Lambotte, Osteotome
15mm / 20mm / 25mm / 30mm / 38mm / 44mm / 50mm



Kotli Loharan west, Sialkot.





11-01-0556A

Lexer Spongiosa Gouge (25 cm / 9 1/2")



11-01-0556B

Lexer Spongiosa Gouge (25 cm / 9 1/2")



11-01-0557A

Lexer, Mini Osteotome 18.5 cm / 7 1/2"



11-01-0557B

Lexer, Mini Osteotome 18.5 cm / 7 1/2"



11-01-0558A

Lexer, Osteotome 22 cm / 8 1/2"



11-01-0558B

Lexer, Osteotome 22 cm / 8 1/2"



11-01-0559

Vickers Spongiosa Gouge 18 cm / 7"



11-01-0560A

US Army Chisel 18 cm / 7"



11-01-0560B

US Army Osteotome 18 cm / 7"



11-01-0560C

US Army Gouge 18 cm / 7"



11-01-0561A

Smith-Petersen Osteotome 20.5 cm / 8" Straight



11-01-0561B

Smith-Petersen Osteotome 20.5 cm / 8" Curved



11-01-0561C

Smith-Petersen Gouge 20.5 cm / 8" Straight Tip



11-01-0561D

Smith-Petersen Gouge 20.5 cm / 8" Curved Tip



11-01-0562

Hook Osteotome 17 cm / 6 1/2"



11-01-0563A

Hibbs Osteotome 24.5 cm / 9 1/2"



11-01-0563B

Hibbs Chisel 24.5 cm / 9 1/2"



11-01-0563C

Hibbs Gouge 24.5 cm / 9 1/2"



11-01-0564

Sheehan Osteotome 16cm / 6 1/2"



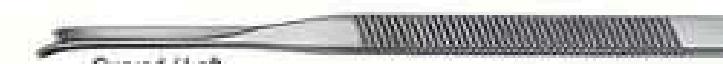
11-01-0565A

Silver Osteotome 18 cm / 7" Straight



11-01-0565B

Silver Osteotome 18 cm / 7" Curved Right



11-01-0565C

Silver Osteotome 18 cm / 7" Curved Left



11-01-0566

Shoulder Penetrating Gouge 21 cm / 8 1/2"

Handle
Solid
Hexagonal

25mm



11-01-0567

Swan Neck Gouge 23 cm / 9"

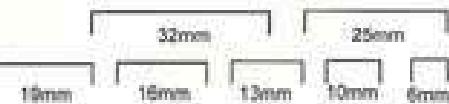
Straight



11-01-0568A

Cobb Osteotome 28 cm / 11" Straight

Curved



11-01-0568B

Cobb Osteotome 28 cm / 11" Curved

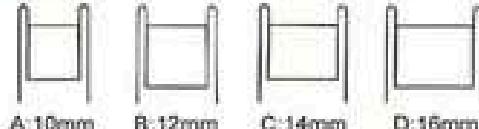
Straight

Full Curved



Reverse Curved

Half Curved



11-01-0569

Cobb Gouge 28 cm / 11"

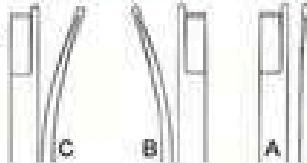
11-01-0570

Lexer Osteotome Angled / 28 cm / 11"

A: Straight

B: Left

C: Right



11-01-0571

Cinelli Osteotome 15.5 cm / 6 1/2"

11-01-0572

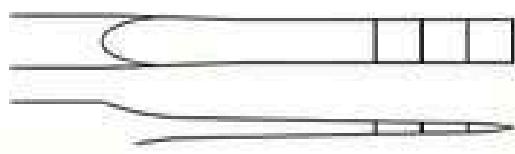
Anderson Neivert Osteotome 20 cm / 8"

11-01-0573

Hibbs Osteotome 47 cm / 18 1/2" 10 mm Tip

3 1/2" Tip L / 10 1/2" Shaft L / 4 1/2" Handle L

11.5 mm Shaft Diameter

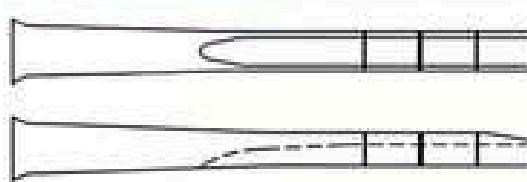


11-01-0574

Hibbs Gouge 47 cm / 18 1/2" 10 mm Tip

3 1/2" Tip L / 10 1/2" Shaft L / 4 1/2" Handle L

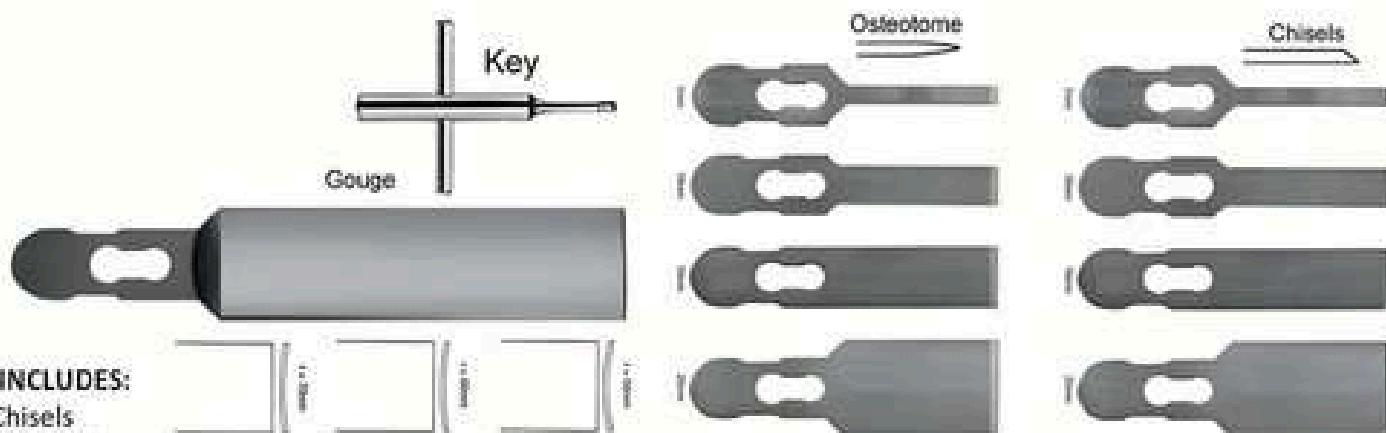
11.5 mm Shaft Diameter





11-01-0575

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



SET INCLUDES:

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

11-01-0576

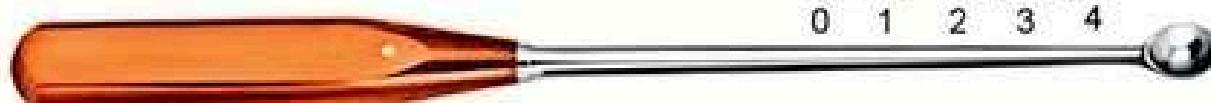
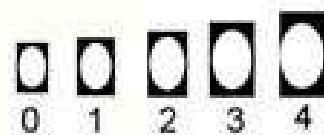
Chisel Handle Fibre w/Chisel-Osteotome-Gouge Blades 18.5 cm / 7 1/4"

Available Sizes: 00000 0000 000 00 0



11-01-0577

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



11-01-0578

Volkmann Bone Curette 27.5 cm / 10 1/2" oval with plastic handle

A: 13 cm / 5"
 B: 16 cm / 6 1/2"
 C: 20 cm / 8"



11-01-0579

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



11-01-0580

Bone Curette, double-ended (round / oval) 21 cm / 8 1/2"



11-01-0581

Schede Bone Curette 17 cm / 6 1/2" oval with hollow handle



11-01-0582

Volkmann Bone Curette 17 cm / 6 1/2" oval, with hollow handle



11-01-0583

Brun's Bone Curette 17 cm / 6 1/2" Round, with hollow handle



11-01-0584

Spratt Bone Curette 17 cm / 6 1/2" Oval, with hollow handle



11-01-0585

Brun's Bone Curette 23 cm / 9" oval, solid



11-01-0586

Scoville Bone Curette 25 cm / 9 1/2" oval, with hollow handle



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11-01-0587

Simon Bone Curette 25 cm / 9 1/2" oval, with hollow handle



11-01-0588

Modell USA Bone Curette 16 cm / 6 1/2" Oval, with hollow handle



11-01-0589

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



11-01-0590

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



11-01-0591

Halle Bone Curette 21 cm / 8 1/2" oval, malleable shaft, with hollow handle

A: 00/0 • / • B: 0/1 • / • C: 1/2 • / •



Available in 3 sets of combination

11-01-0592

Williger Bone Curette, double-ended 13.5 cm / 5 1/2" handle



A: 00/00 • / • B: 0/0 • / • C: 1/1 • / •

11-01-0593

Williger Bone Curette, 17 cm / 6 1/2" double-ended oval / oval

A: 12.5 cm / 5"
B: 14.5 cm / 5 1/2"
C: 17 cm / 6 1/2"

11-01-0594

Volkmann Bone Curette, double-ended
18.5 cm / 7 1/2"

A: 1 R/L • / • B: 2 R/L • / • C: 3 R/L • / •

11-01-0595

Hemingway-Martin Bone Curette, double-ended
18.5 cm / 7 1/2"



11-01-0596

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

A: 00/00 • / • B: 0/0 • / • C: 1/1 • / •

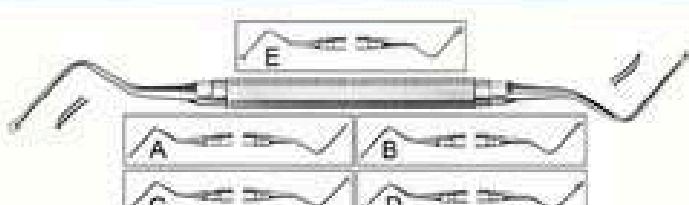
11-01-0597

Hemingway Bone Curette, double-ended, round / round
18.5 cm / 7 1/2" octagonal handle



11-01-0598

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



11-01-0599

Miller-Colburn Bone Curette, double-ended 17 cm / 6 1/2"



11-01-0600

Molt Bone Curette 17 cm / 6 1/2"



11-01-0601

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

Hollow Handle
Oval Fenestrated
4X7mm Cup
Sharp/Blunt



11-01-0602

Semmes Ring Curette 23 cm / 9"

0	0	0	0	0	0	0	0
0.0	0.0	0.0	0.0	0.0	+	1	2



Hollow Handle

Str-Oval Cup

11-01-0604

Lempert Curette 18 cm / 7 1/2"



11-01-0603

Ray Pituitary Curette 18 cm / 7 1/2"

Reverse Up	0	0	0	0	0	0	0	0	0	0	0
Angle Oval Cup	+	+	+	+	+	+	+	+	+	+	+
Cup Width (mm)	2.5	2.8	3.3	4.0	4.5	5.5	7.5	8.5	10	12	14

Hollow Handle

11-01-0605

Epstein Curette 18 cm / 7 1/2"

Hollow Handle



11-01-0606

Bushe Curette 25 cm / 10"

0	0	0	0	0	0	0	0	0	0	0	0
0.0	0.0	0.0	0.0	0.0	+	1	2	3	4	5	6

Solid Handle

Str-Oval Cup

11-01-0607

Spinal Fusion Curette 28 cm / 11"

Reverse Angle
4.7mm
Cup Width
90° Up



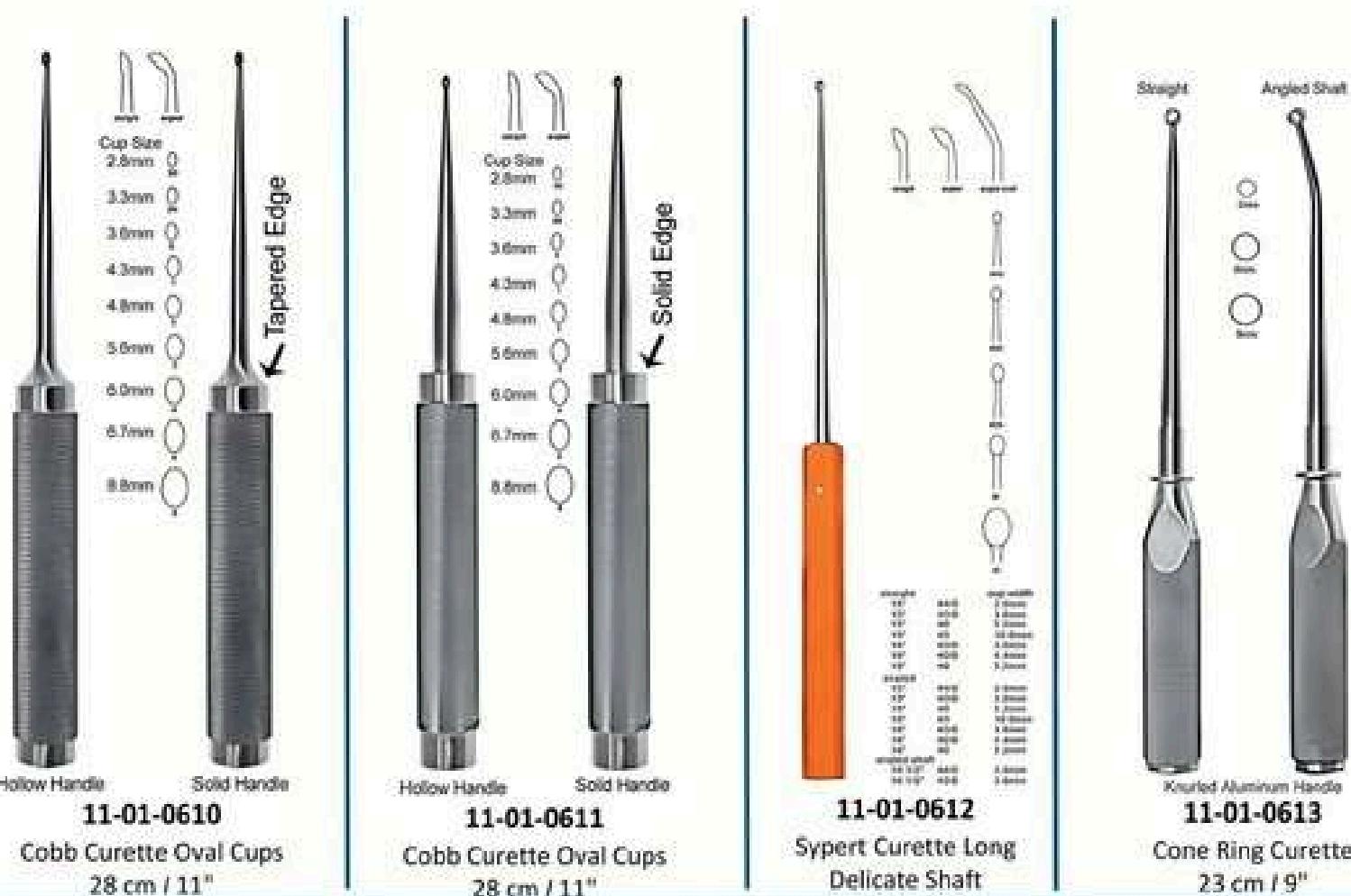
11-01-0608

Scoville Curette 25 cm / 10"



- | | |
|--------------------------------|--------------------------------|
| 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 |



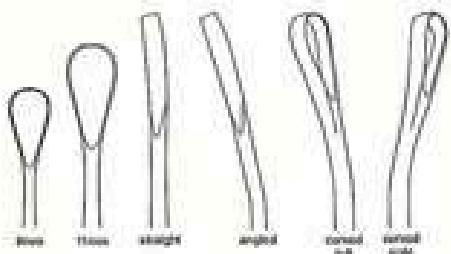


- A: Straight 8mm Sharp/Blunt
- B: Straight 11 mm Sharp/Blunt
- C: Angled 8mm Sharp/Sharp
- D: Angled 11 mm Sharp/Sharp
- E: Angled 8mm Sharp/Sharp Right Cvd

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

11-01-0614

Zielke Ring Curette 34 cm / 13 ½" TEFILON Handle



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



**20° Angled 30°
6mm Diameter
3 ½" Tip Length
10" Shaft Length
6 ½" Handle Length
45° (11.5mm)
Shaft Diameter**

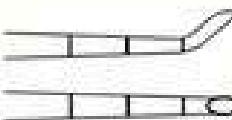


11-01-0615

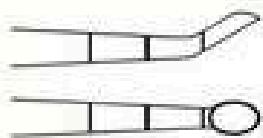
Cone Ring Curette Endoscopic Fibre Handle



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



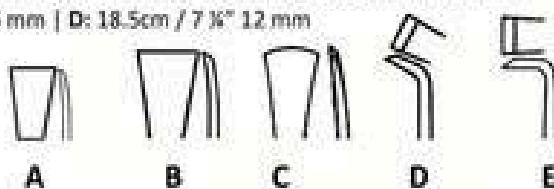
20" Reverse Angled 30°
6mm x 9mm cup 3 1/2"
Tip Length 10" Shaft
Length 6 1/2" Handle
Length .45 (.7.2mm)
Shaft Diameter



11-01-0616

Epstein Curette Endoscopic Fibre Handle

A: 17cm / 6 1/2" 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 1/2" 12 mm



B: 18.5cm / 7 1/2" 15mm tip



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

A: 16cm / 6 1/2" 7mm



11-01-0617

Martin-Langenbeck Periosteal Elevator (Solid)



11-01-0618

Martin-Langenbeck Periosteal Elevator (Solid)



11-01-0619

Martin-Langenbeck Periosteal Elevator (Solid)

11-01-0620

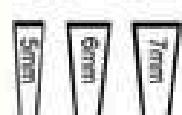
Langenbeck Periosteal Elevator 18.5 cm / 7 1/2"
With hollow handle



11-01-0621

Langenbeck Periosteal Elevator 19.5 cm / 7 1/2"

With hollow handle



Side View



11-01-0622

Periosteal Elevator 16 cm / 6 1/2" Delicate, solid



Kotli Loharan west, Sialkot.



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www.alhahindustries.com



+92 3426004911



11-01-0623

Farabeuf Periosteal Elevator 15 cm / 6"
With hollow handle



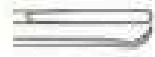
11-01-0624

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



11-01-0625

Kahre-Williger 16 cm / 6 1/2"
Periosteal Elevator solid



11-01-0626

Kahre-Williger Periosteal Elevator solid
16cm / 6 1/2"

Side view



Side & Front View



11-01-0627

Farabeuf Periosteal Elevator
15 cm / 6" with hollow handle

11-01-0628

Sedillot Periosteal Elevator 22 cm / 8 1/2" (15mm tip)



11-01-0629

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

11-01-0630

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



11-01-0631

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



11-01-0632

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



11-01-0633

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



11-01-0634

Periosteal Elevator,
Double ended 17.5 cm / 7"

11-01-0635

Semb Periosteal Elevator



A+D: 21cm / 8 1/2" & B+C: 18.5 cm / 7 1/2"

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

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



11-01-0636

Lambotte Periosteal Elevator 21.5 cm / 8 1/2"



11-01-0637

Periosteal Elevator 20 cm / 8" with plastic handle

Right curved
for adults



Left curved
for adults



Right curved
for Childrens



Light curved
for Childrens



11-01-0639

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



11-01-0638

Periosteal Elevator 17 cm / 6 1/2" with hollow handle



11-01-0640

West Periosteal Elevator,
Double-ended 18.5 cm / 7 1/2" octagonal handle



11-01-0641

Williger Elevator
17 cm / 6 1/2" 7mm tip



11-01-0642

Williger Elevator
16 cm / 6 1/2" (5.5mm tip)



11-01-0643

Elevator 17 cm / 6 1/2" Light weight



+92 3426004911



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2mm X 3mm Sharp End

11-01-0644

Kleinert Kutz Elevator 14 cm / 5 ½"



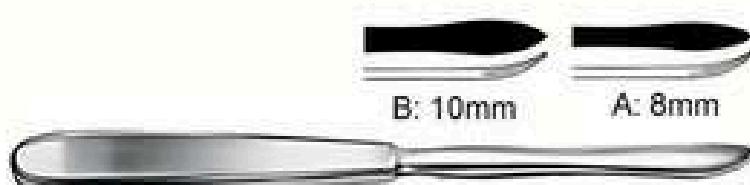
11-01-0645

Vickers Dissector 17 cm / 6 ¾"



11-01-0646

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



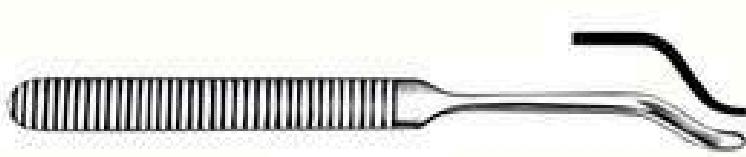
11-01-0647

Langenbeck Elevator 19.5 cm / 7 ½" A/B



11-01-0648

Martin Langenbeck Elevator 17 cm / 6 ¾" A/B/C | D: 19.5 cm / 7 ½"



11-01-0649

Phalangeal Elevator 16cm / 6 ¾"



11-01-0650

Alderdyce Dissector, double-ended 21 cm / 8 ½"



11-01-0651

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



11-01-0652

Freer Elevator 19 cm / 7 ½"



11-01-0653

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



11-01-0654

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





11-01-0655

Key Elevator 19 cm / 7 ½" Sharp Edge



11-01-0656

Sedilot Elevator 18 cm / 7" Sharp Edge



11-01-0657

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



11-01-0658

McGlamry Metatarsal Elevator 16 cm / 6 ½" Sharp

A: 19cm / 7 ½" 13mm

B: 20cm / 8" 19mm

C: 23cm / 9" 25mm

D: 25.5cm / 10" 30mm



11-01-0659

Chandler Elevator Blunt



11-01-0660

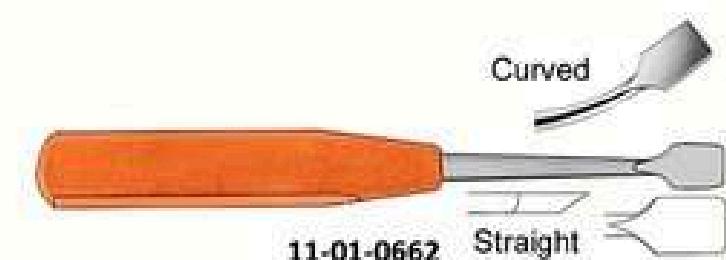
Sayre Elevator 16 cm / 6 ½"

A: Sharp / Blunt B: Blunt / Blunt



11-01-0661

Kirmision Periosteal Respiratory 17 cm / 6 ¾"



11-01-0662

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

A: 14mm Full Curves

B: 14mm Slight Curves

C: 7mm Full Curves

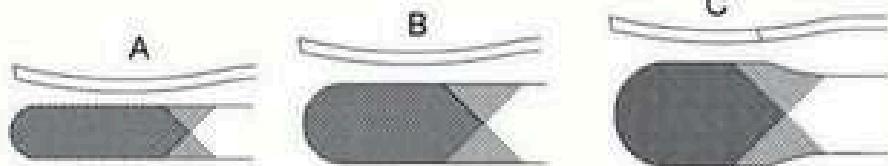
D: 7mm Slight Curves



11-01-0663

Crego Periosteal Elevator 19 cm / 7 ½" Sharp

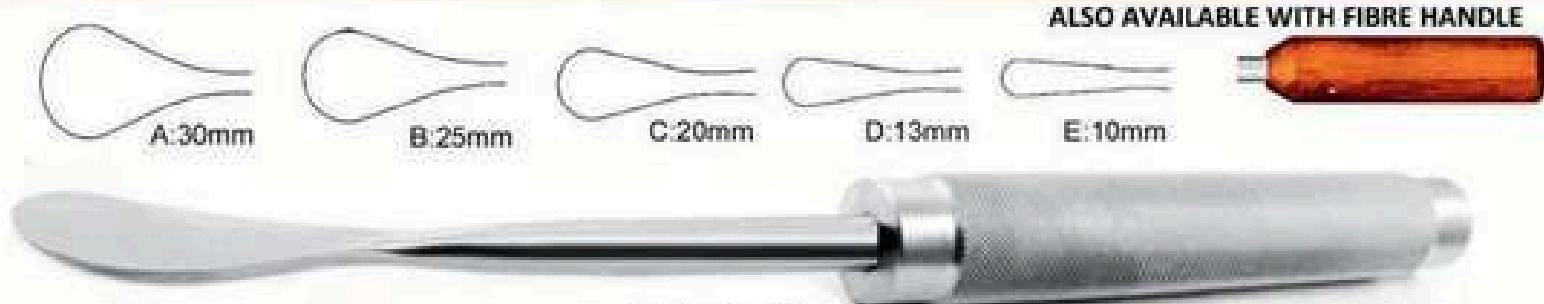




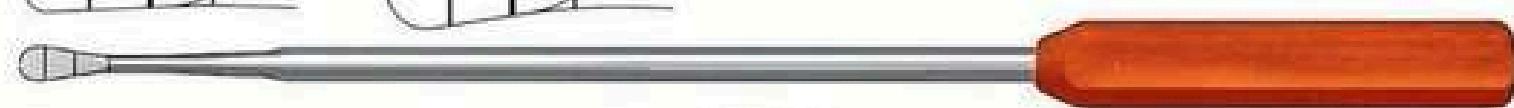
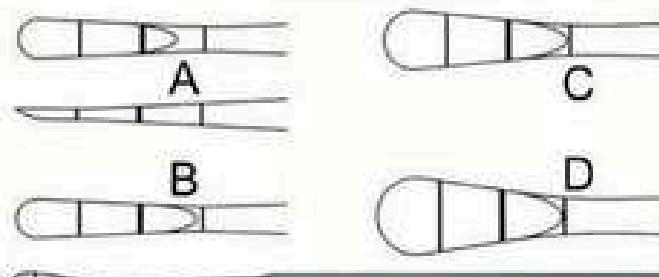
11-01-0664
Darrach Elevator Blunt



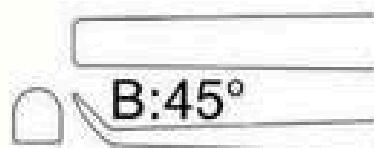
11-01-0665
Cobb Spinal Elevator Sharp 24cm / 9 ½" Hexa Handle



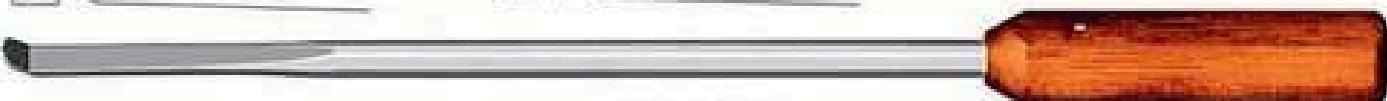
11-01-0666
Spinal Elevator Sharp 28 cm / 11" Knurled Handle



11-01-0667
Cobb Elevator Endoscopic Sharp / Fibre Handle

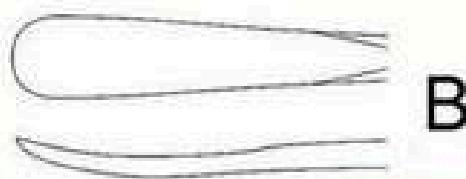


43 cm / 17" - 9mm Tip Radius - 4" Tip
Length 8" Shaft Length - 5" Handle
Length 11.5mm Shaft Diameter



11-01-0668

Rib Elevator Endoscopic Sharp / Fibre Handle



A: 8mm Wide
B: 17mm Wide



11-01-0669

Wagner Elevator Sharp / Fibre Handle 33 cm / 13"

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

11-01-0670

Lucae Mallet 19.5 cm / 7 ½"



11-01-0671

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



11-01-0672

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



11-01-0673

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



11-01-0674

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



11-01-0675

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



11-01-0676
Mallet 26 cm / 10 1/8" with lead filling
42mm ø / 400 gms



11-01-0677
Mallet 26 cm / 10 1/8" without lead filling
42mm ø / 400 gms

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



11-01-0678
Williger Mallet 24 cm / 9 1/8" lead filled
42mm ø / 400 gms



11-01-0679
Mallet 30 mm ø / 675 gms
26.5 cm / 10 1/8" plane (Teflon) / convex (steel)



11-01-0680
Mallet 26 cm / 10 1/8"
42 / 30mm ø / 530 gms



11-01-0681
Mallet 24 cm / 9 1/8"
30 mm ø / 480 gms



11-01-0682
Mallet 24 cm / 9 1/8"
Disks and handle of Fiber 37 mm ø / 370 gms



11-01-0683
Mallet 22 cm / 8 1/8"
30 mm ø / 125 gms



11-01-0684
Mallet 26.5 cm / 10 1/8" | 30 mm ø / 450 gms



11-01-0685
Doyen Mallet

A: 20.5cm / 8" | 25mm ø / 120 gms
B: 21cm / 8 1/8" | 30mm ø / 180 gms
C: 21.5cm / 8 1/8" | 35mm ø / 260 gms



11-01-0686
Herbert Mallet 19 cm / 7 1/2"
For ulnar head prosthesis



11-01-0687
Collin Mallet 20 cm / 8"
23 mm ø / 220 gms



11-01-0688
Mallet 26.5 cm / 10 1/2"
50 mm ø / 900 gms



11-01-0689
Vickers Mallet 19 cm / 7 1/2"
25 mm ø / 300 gms



11-01-0690
Kirk Mallet 20cm / 8"
Head Dia 38mm / Weight: 1 lb. 4 oz. (570 grams)

Head Weight: 7 oz (200 grams)



11-01-0691
Gerzog Mallet 19 cm / 7 1/2"
Head Dia 25mm / Weight 10 oz (285 grams)



11-01-0692
Heath Mallet 19 cm / 7 1/2"
Head Dia 40mm / Weight 2 lbs. (907gm)

Head Weight: 20 oz (567 grams)



11-01-0693
Heath Mallet, 55.18 cm / 7" Solid Frame Handle
Head Dia 40mm / Weight 36 oz. (1020gm)



11-01-0694

All Fibre Mallet 24 cm / 9 1/2"
Head Dia 80X60mm Weight 14oz. (397gm)



Fibre Handle

11-01-0695

Cloward Mallet 19cm / 7 1/2"
Head Dia 20mm / Weight 8oz. (227gm)



11-01-0696

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



Fibre Handle

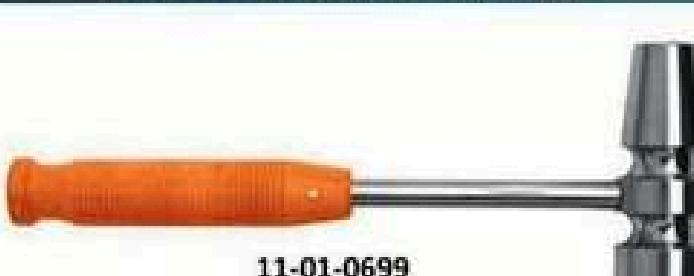
11-01-0697

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



11-01-0698

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



11-01-0699

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



11-01-0700
Smillie Meniscus Knife 18 cm / 7"



11-01-0701

Meniscus Knife 18 cm / 7"



11-01-0702
Neff Meniscus Knife 22 cm / 8 1/2"



11-01-0703

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



11-01-0704
Bunnell Tendon Stripper 15 cm / 6"



11-01-0705

Fischer Tendon Stripper 31 cm / 12 1/2" Blunt



11-01-0706
Tendon Passing Instrument 33.5 cm / 13 1/2"



11-01-0707

Fischer Tendon Stripper 31 cm / 12 1/2" Blunt



11-01-0708
Tendon Stripper 3 / 4 / 5 / 6mm
A: 28.5 cm / 11 1/2" B: 60 cm / 24"



11-01-0709

Bunnell Tendon Passer 23 cm / 9" Malleable



11-01-0710
Downing Cartilage Knife 25 cm / 10"
Concave Edge Cvd Blade w/ Guards



11-01-0711

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



11-01-0712

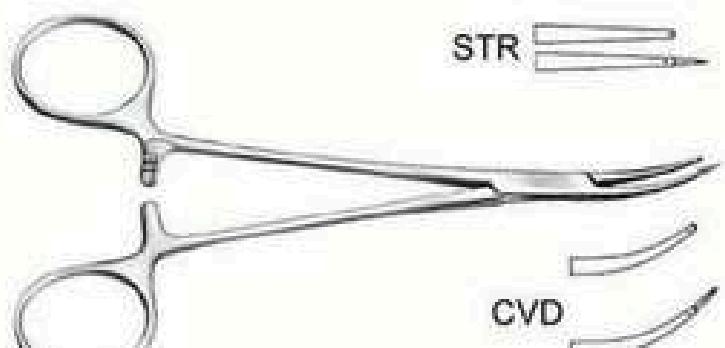
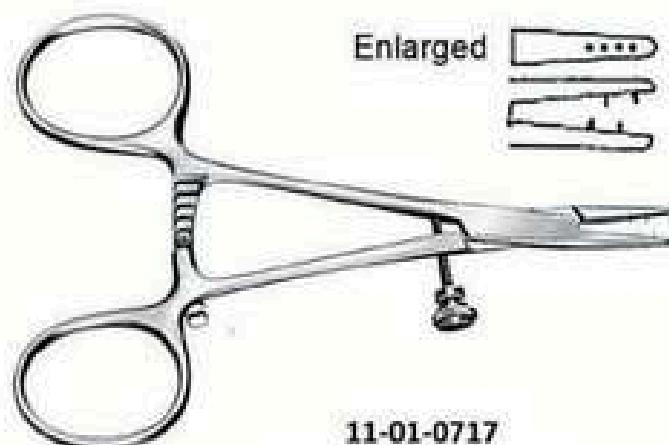
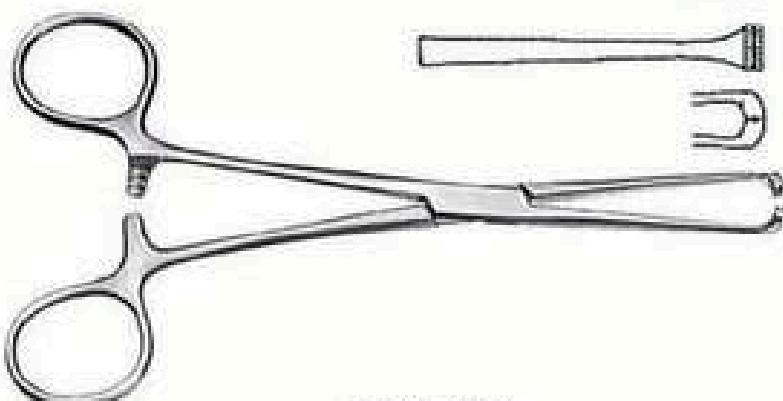
Tendon Stripper 40 cm / 16" Fibre Handle



11-01-0713
Martin Cartilage Scissors 20cm / 8"



11-01-0714
Mueller Capsule Scissors 24 cm / 9 1/2"





11-01-0719-2

Hallman Tendon
Tunneling Forceps
21 cm / 8 ½"

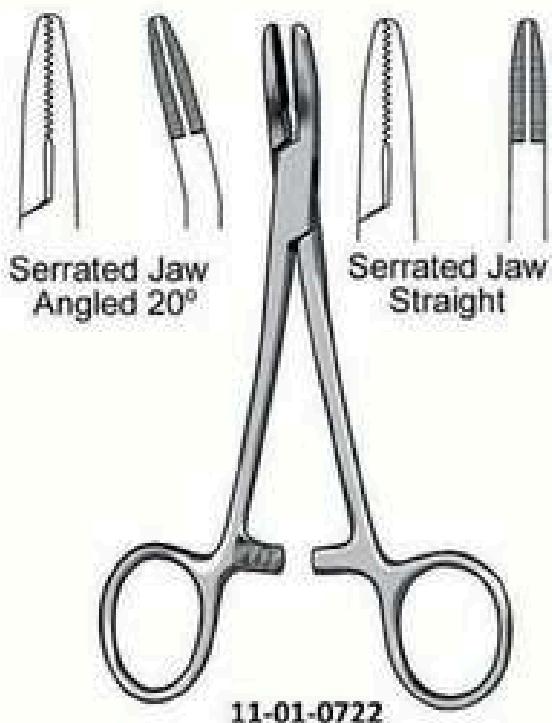
A: Rigid Shaft

B: Flexible Shaft

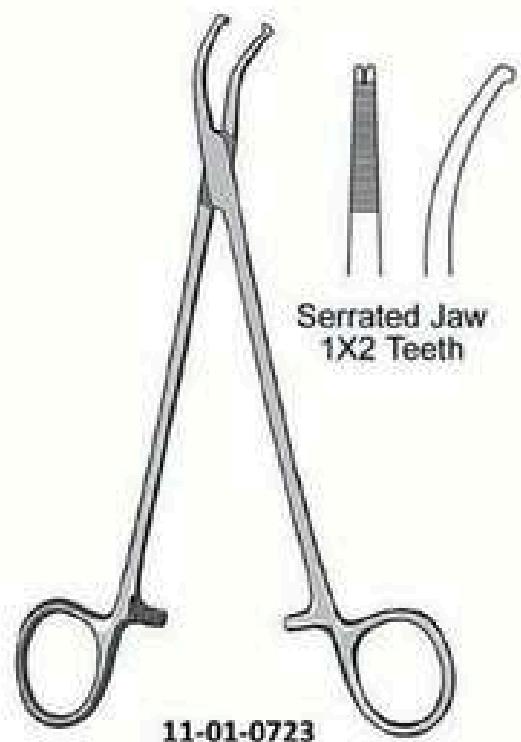
11-01-0721

Hoen Grasping Forceps
14 cm / 5 ½" (Shaft)
1X2 teeth

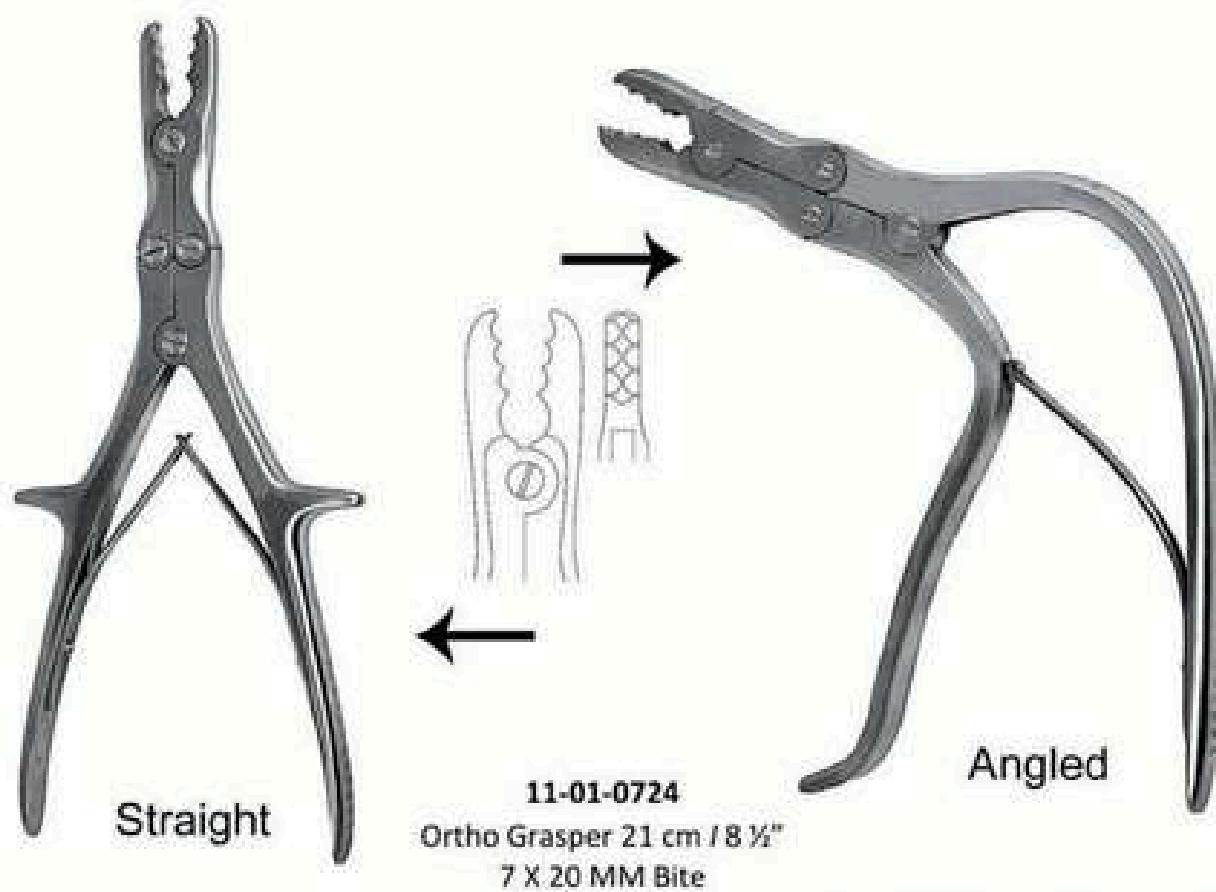
11-01-0720
Kleinert-Kutz Tendon
Holding Forceps
21 cm / 8 ½"
1X2teeth



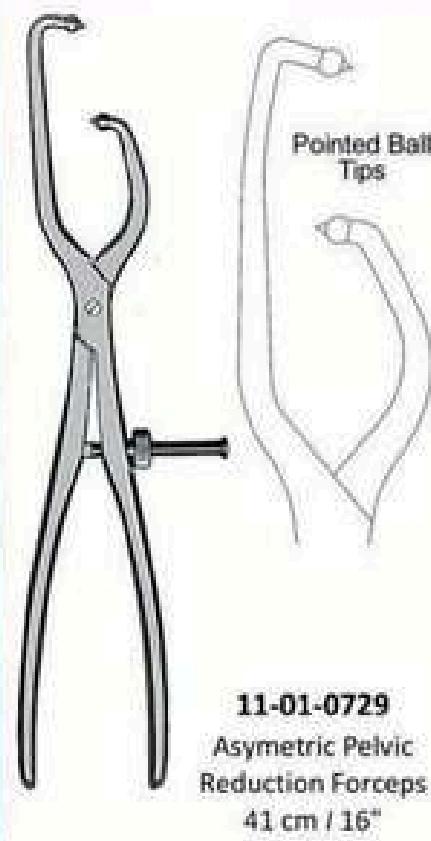
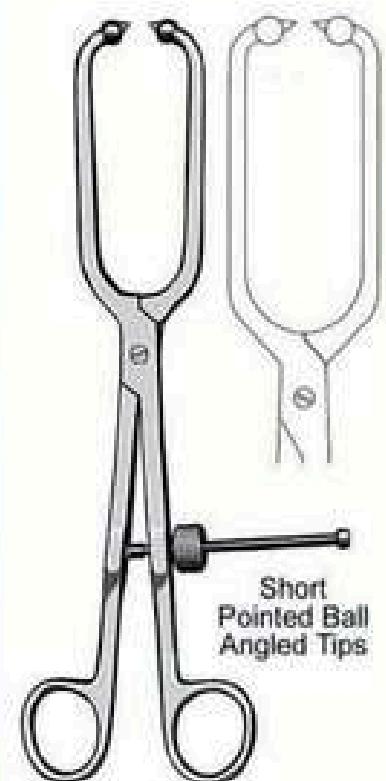
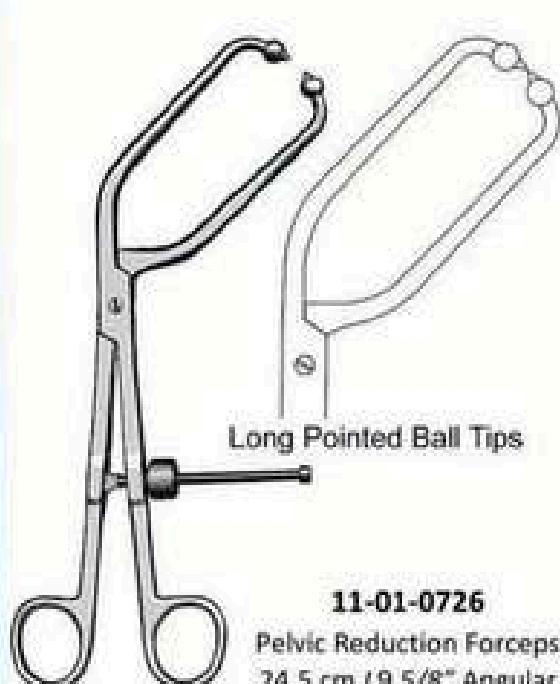
11-01-0722
Meniscus Clamp
13.5 cm / 5 3/8" 1X2 teeth

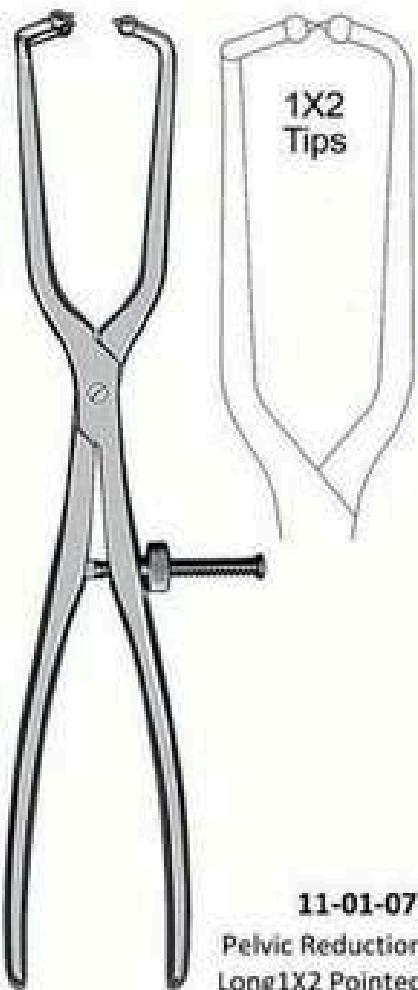


11-01-0723
Preston Ligamentum Flavum Forceps
(Meniscus) 18.5 cm / 7 1/4"



11-01-0724
Ortho Grasper 21 cm / 8 1/4"
7 X 20 MM Bite





11-01-0732
Pelvic Reduction Forceps
Adjustable Jaws for Screws
A: 25 cm / 10" B: 33 cm / 13"



11-01-0733
Bone Holding Forceps
14 cm / 5 1/2"



11-01-0734
Lewin Bone Holding Forceps
18.5 cm / 7 1/2"



11-01-0735
Bone Holding Forceps
14 cm / 5 1/2" Delicate



11-01-0736
Frosch Bone Holding Forceps 18 cm / 7"



11-01-0737
Bone Holding Forceps 20 cm / 8"



11-01-0738
Semb Bone Holding Forceps 19 cm / 7 1/2"



21 cm / 8 1/4"
11-01-0739
Lengenbeck Bone Holding Forceps 21 cm / 8 1/2"



11-01-0740
Fergusson Bone Holding Forceps Heavy pattern



11-01-0741 A: 23 cm / 9" B: 26 cm / 10 1/4"
Farabeuf Bone Holding Forceps



11-01-0742

Kern Bone Holding Forceps

A: 17 cm / 6 ½"

B: 21 cm / 8 ¼"



11-01-0743A

Farabeuf Lambotte Bone Holding Forceps

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

Adjustable / with Ratchet



11-01-0743B



11-01-0744

Lambotte Bone Holding Forceps
w / Swivel Head, Adjustable Jaw

A: 22 cm | 8 ½" | B: 27 cm | 10 ½" | C: 30 cm | 11 ½"



11-01-0745

Ulrich Bone Holding Forceps
w / Thread Fixation 19 cm / 7 ½"



11-01-0746

Ulrich Bone Holding Forceps
w / Thread Fixation

A: 23 cm / 9" | B: 25 cm / 9 ½" | C: 28 cm / 11"



11-01-0747

Self-Centering Bone Holding Forceps
W/ Thread Fixation

A: 15 cm / 6" | **B: 19 cm / 7 1/2"** | **C: 24 cm / 9 1/2"**
D: 26 cm / 10 1/2" | **E: 28 cm / 11"**



11-01-0748

Lane Bone Holding Forceps w / Ratchet

A: 33 cm / 13"
B: 45 cm / 17 1/2"

11-01-0749

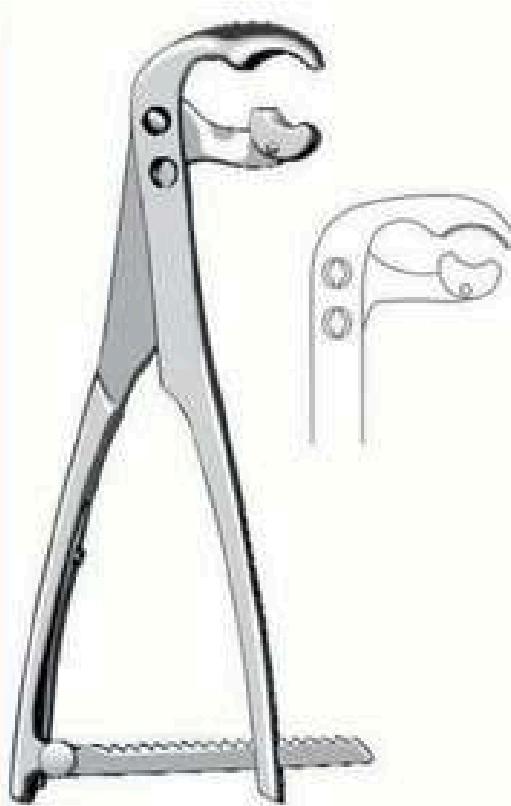
Without Ratchet





11-01-0753

Van Buren Bone Holding Forceps
21.5 cm / 8 ½"



11-01-0754

Angled Bone Holding Forceps 23 cm / 9"



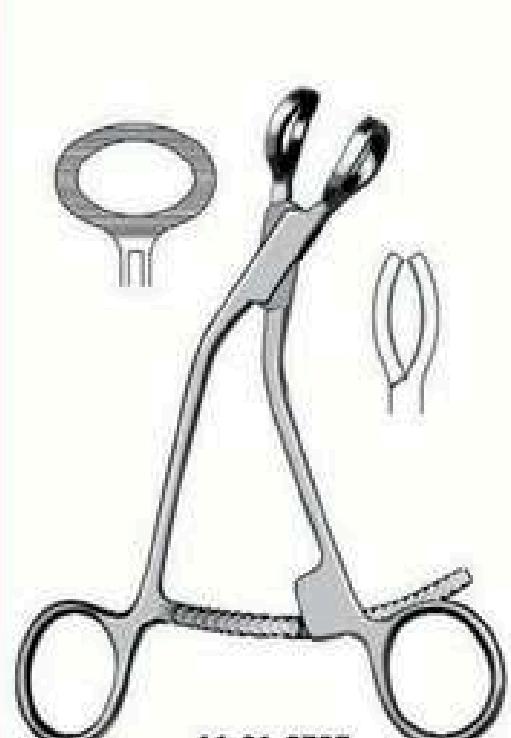
11-01-0755

Bishop Bone Holding Forceps 23 cm / 9"



11-01-0756

Bone Holding Forceps
A: 17cm 6 ½" 0.9mm
B: 13cm 5 ½" 1.6mm



11-01-0757

Bishop Bone Holding Forceps
23 cm / 9"



1X2 Prong



11-01-0758

Patella Forceps 18 cm / 7"



11-01-0759

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



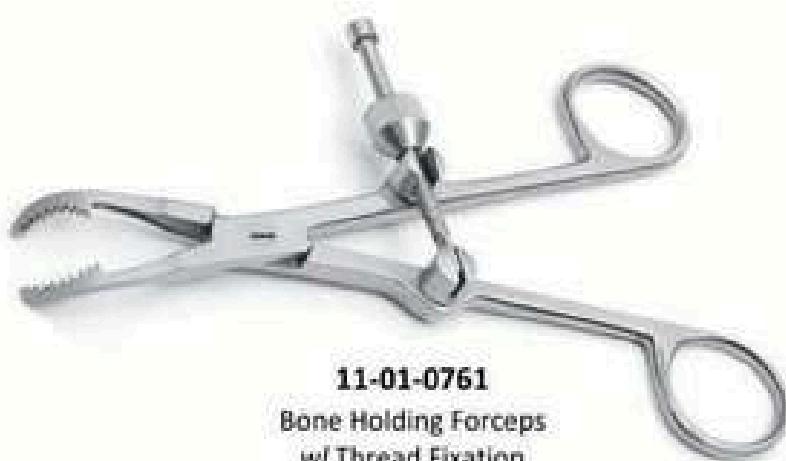
11-01-0760

Fibula Bone Holding Forceps
21 cm / 8 1/2"



11-01-0762-1

Semb Bone Holding Forceps
Curved Sideward
21 cm / 8 1/2"



11-01-0761

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



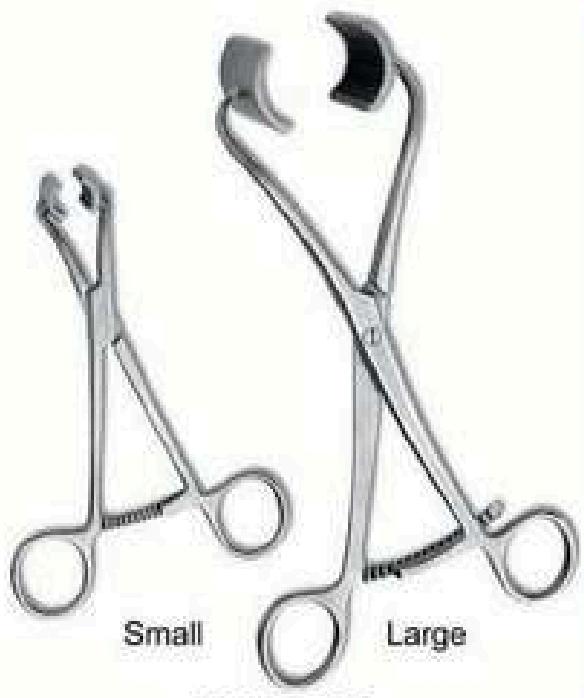
alhahindustries@gmail.com
www.alhahindustries.com



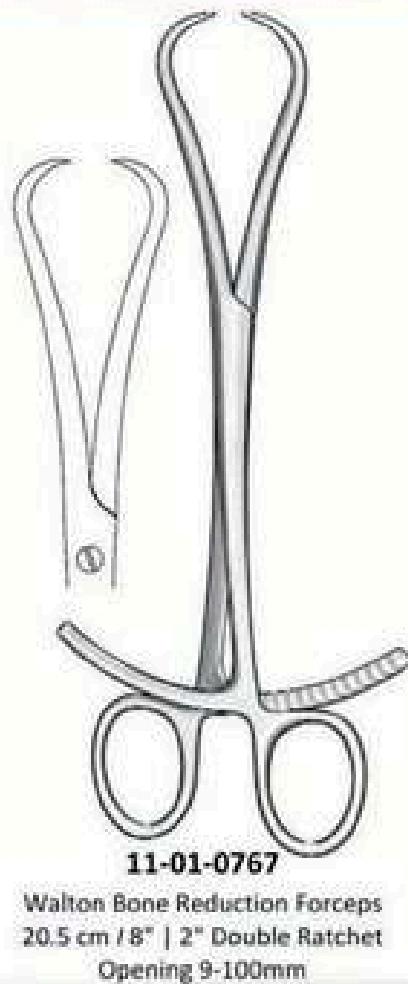
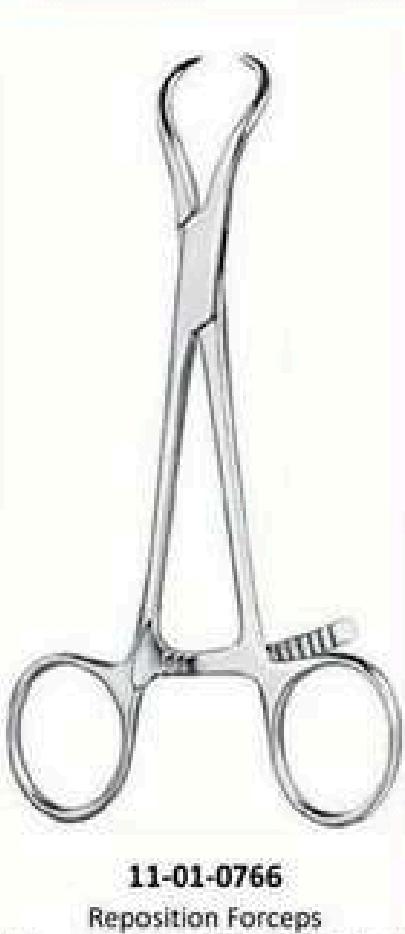
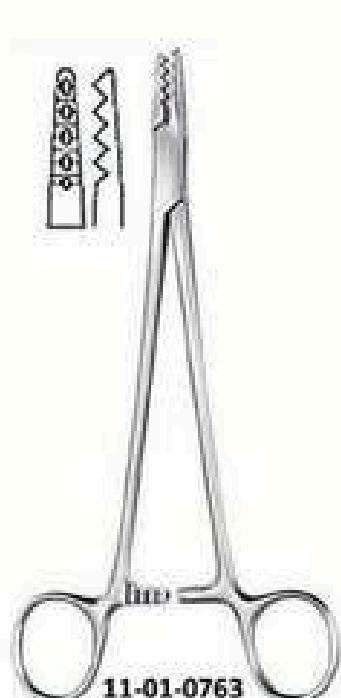
+92 3426004911

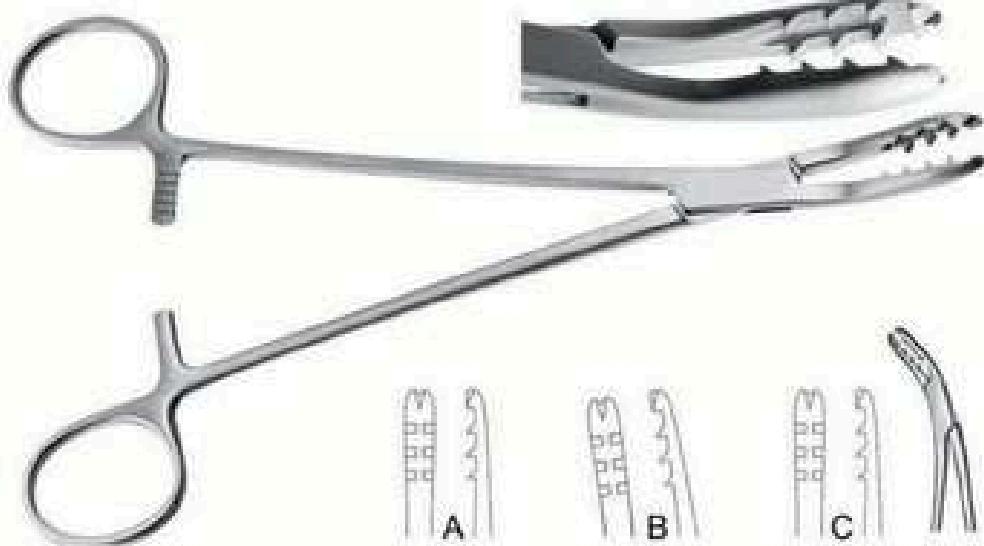


Kotli Loharan west, Sialkot.



11-01-0762-2
Bargo Bone Holding Forceps 15 cm / 6"

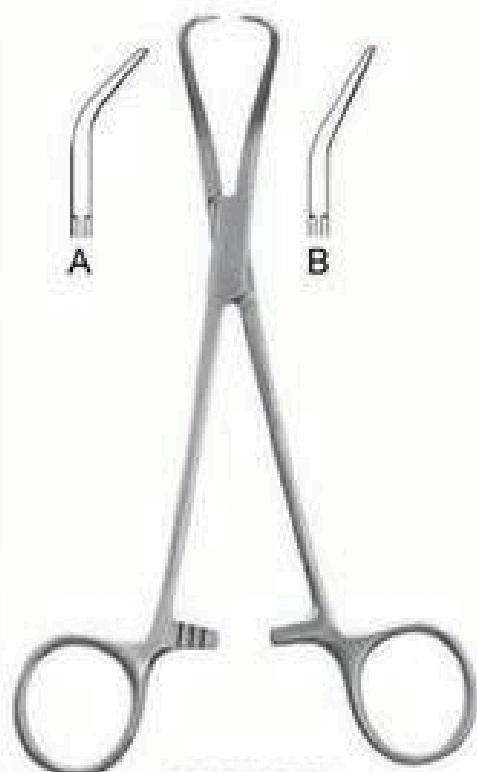




11-01-0768

Cartilage Seizing Forceps

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



11-01-0769

Glenoid Perforating Forceps 17cm / 6 ½"

A: Strong Cvd | B: Slight Cvd



11-01-0770

Bone Reposition Forceps

w / Thread Fixations Screw

A: 17 cm / 6 ½"

B: 24 cm / 9 ½"



11-01-0771

Reill Bone Reduction Forcep

17.5 cm / 7"



11-01-0772
Littauer Bone Cutting Forceps
15 cm / 6"



11-01-0773
Marwader Bone Nipper
18.5 cm / 7 1/4"



11-01-0774
Cottle Kazanjian Bone Cutting
Forceps 18.5 cm / 7 1/4"



11-01-0775
Cleveland Bone Cutting Forceps
A: 14.5 cm / 5 1/2"
B: 17 cm / 6 3/4"



11-01-0776
Liston Bone Cutting Forceps



14 cm / 5 1/2" Straight



14 cm / 5 1/2" Curved



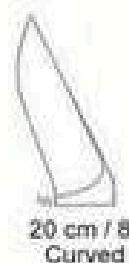
17 cm / 6 3/4" Straight



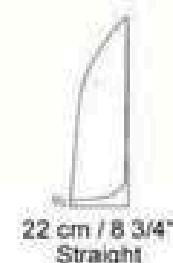
17 cm / 6 3/4" Curved



20 cm / 8" Straight



20 cm / 8" Curved



22 cm / 8 3/4" Straight



22 cm / 8 3/4" Curved



11-01-0777

Kleinert-Kutz / Bohler Bone Cutting
Forceps 14.5 cm / 5 1/2"



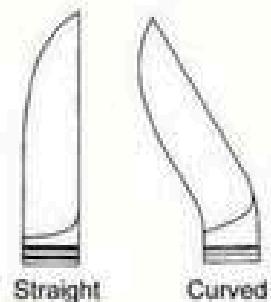
11-01-0778

Ruskin Liston Bone Cutting Forceps
18 cm / 7"



11-01-0779

Stille-Liston Bone Cutting Forceps
26 cm / 10 1/2"



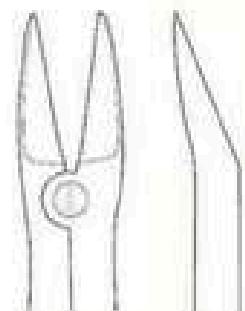
11-01-0780

Stille-Liston Bone Cutting Forceps
A: 23 cm / 9" | B: 27.5 cm / 10 ½"



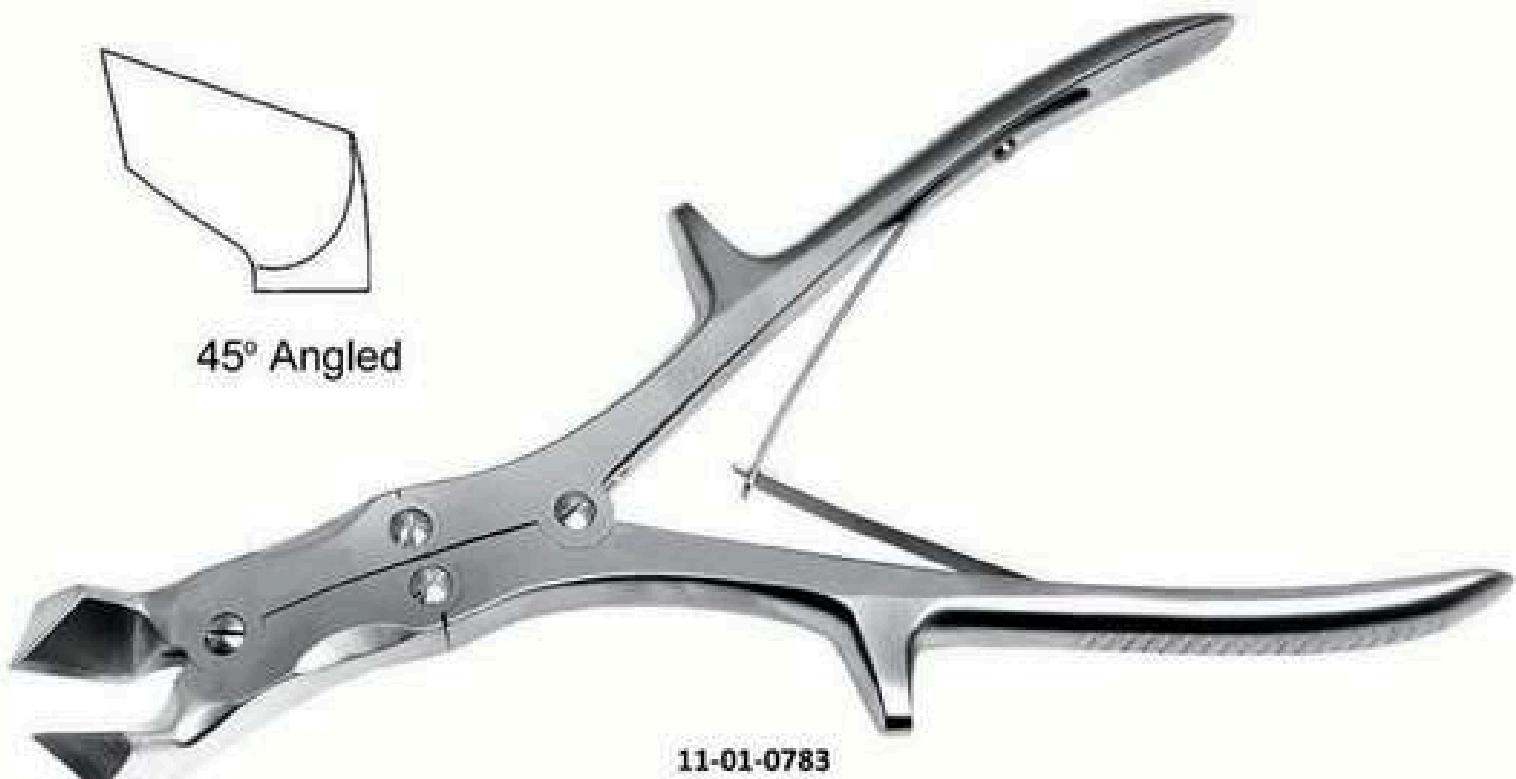
11-01-0781

Cleveland Bone Cutting Forceps
16 cm / 6 ¼"



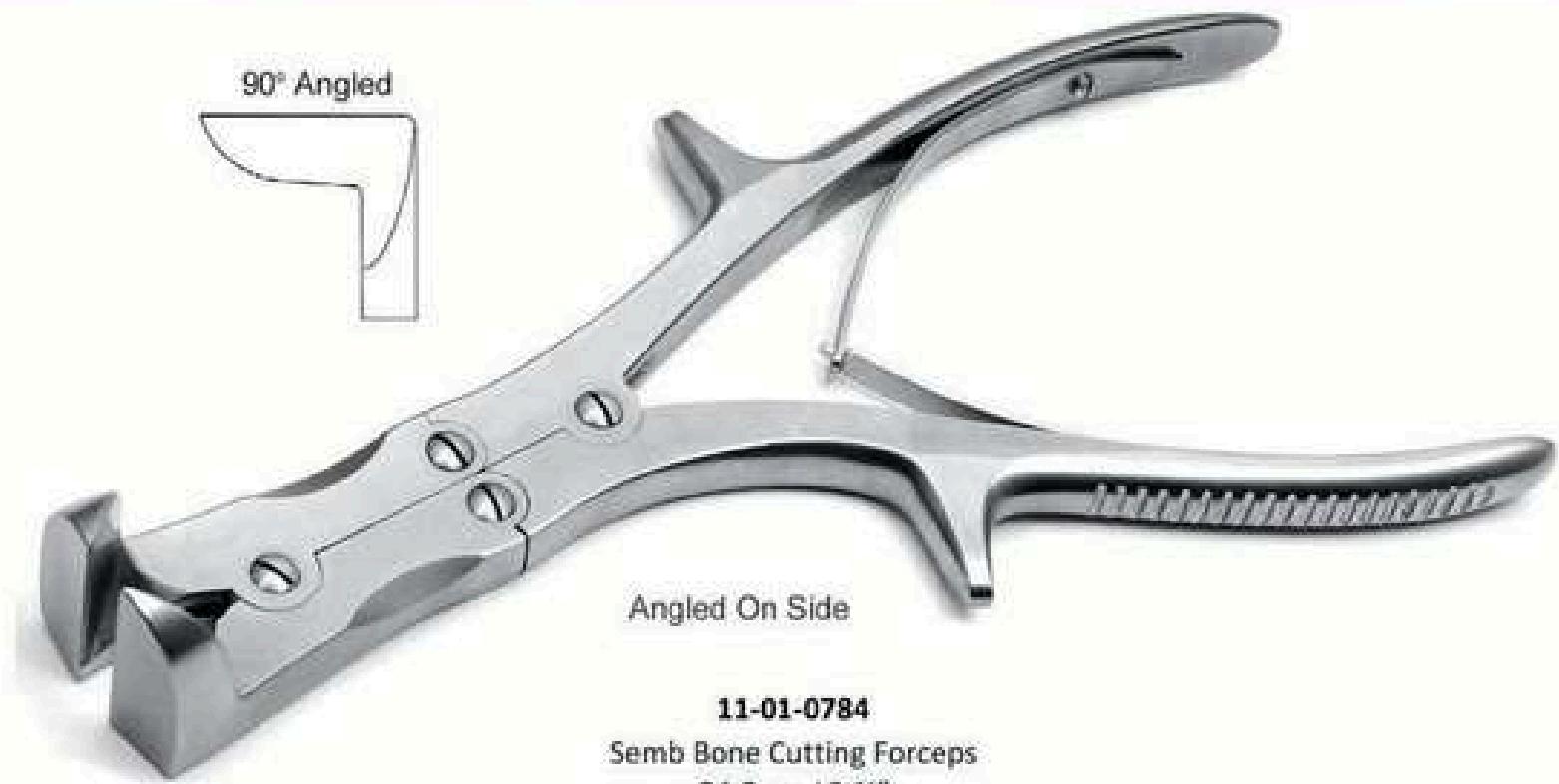
11-01-0782

Me Indo Bone Cutting Forceps
18 cm / 7" Delicate Blades



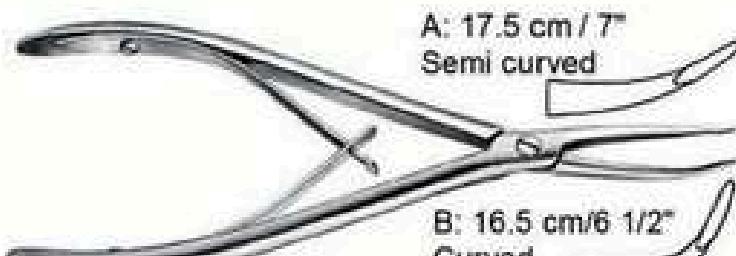
11-01-0783

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



11-01-0784

Semb Bone Cutting Forceps
24.5 cm / 9 ½"



11-01-0785
Stellbrink Bone Rongeur



11-01-0786
Friedmann Bone Rongeur
A: 12.5 cm / 5" | B: 13.5 cm / 5 1/2"



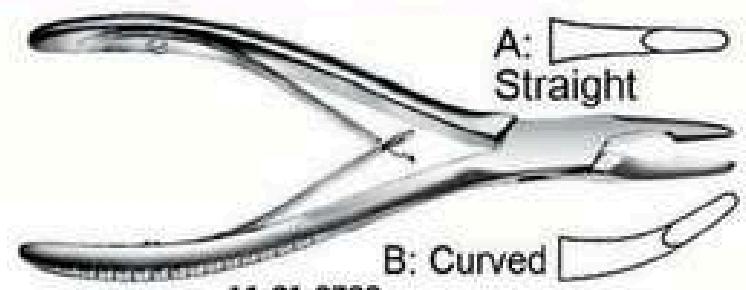
11-01-0787
Friedmann Bone Rongeur
13.5 cm / 5 1/2"



11-01-0788
Cleveland Bone Rongeur
A: 13.5 cm / 5 1/2" | B: 16.5 cm / 6 1/2"



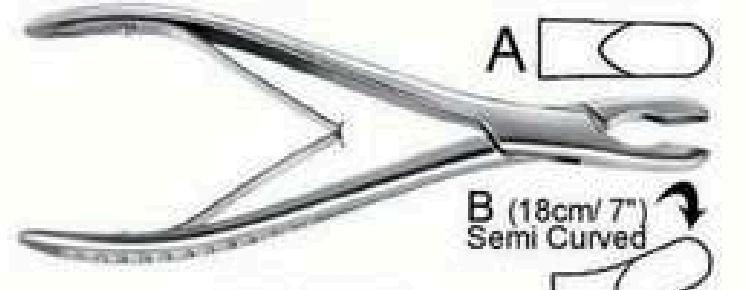
11-01-0789
Mead Bone Rongeur 16.5 cm / 6 1/2"



11-01-0790
Jansen Bone Rongeur 18 cm / 7"



11-01-0791-1
Luer Bone Rongeur 14.5 cm / 5 1/2"



11-01-07921-2
Luer Bone Rongeur 18.5 cm / 7 1/2"



11-01-0792
Blumenthal Bone Rongeur 12.5 cm / 5"



11-01-0793
Hartmann Bone Rongeur 17.5 cm / 7"



11-01-0794
Jansen Bone Rongeur 19 cm / 7 1/2" Bayonet"



11-01-0795
Jansen Bone Rongeur Straight
A: 14 cm / 5 ½"
B: 17 cm / 6 ½"



11-01-0796
Jansen Bone Rongeur Delicate
14 cm / 5 ½"



11-01-0797
Bohler Bone Rongeur 15.5 cm / 6"



11-01-0798
Beyer Bone Rongeur 18 cm / 7"



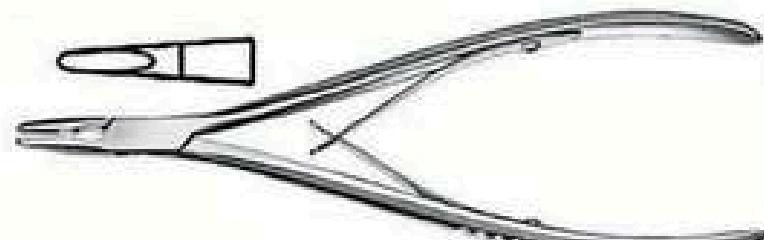
11-01-0799
Zaufai-Jansen Bone Rongeur 18 cm / 7"



11-01-0800
Mayfield Bone Rongeur 18 cm / 7"



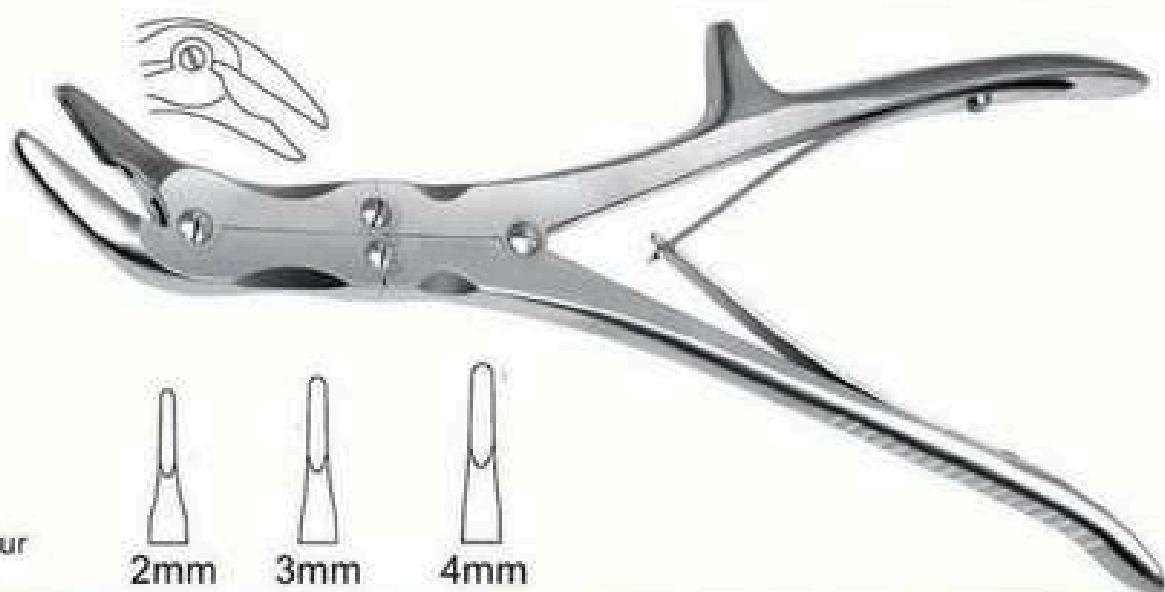
11-01-0801
Marquard Bone Rongeur 20.5 cm / 8"



11-01-0802
Lempert Bone Rongeur 19 cm / 7 ½"



11-01-0803
Stille Bone Rongeur
22.5 cm / 8 ½"



11-01-0804
Echlin Duckbill Bone Rongeur
22 cm / 8 ½"

2mm 3mm 4mm

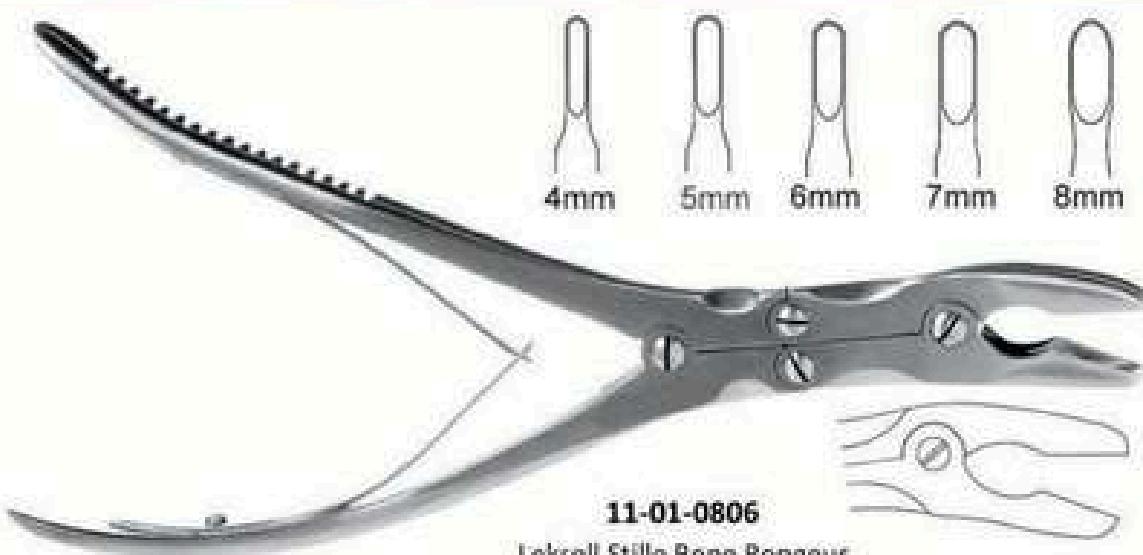


11-01-0805
Ruskin Bone Rongeur
18 cm / 7"

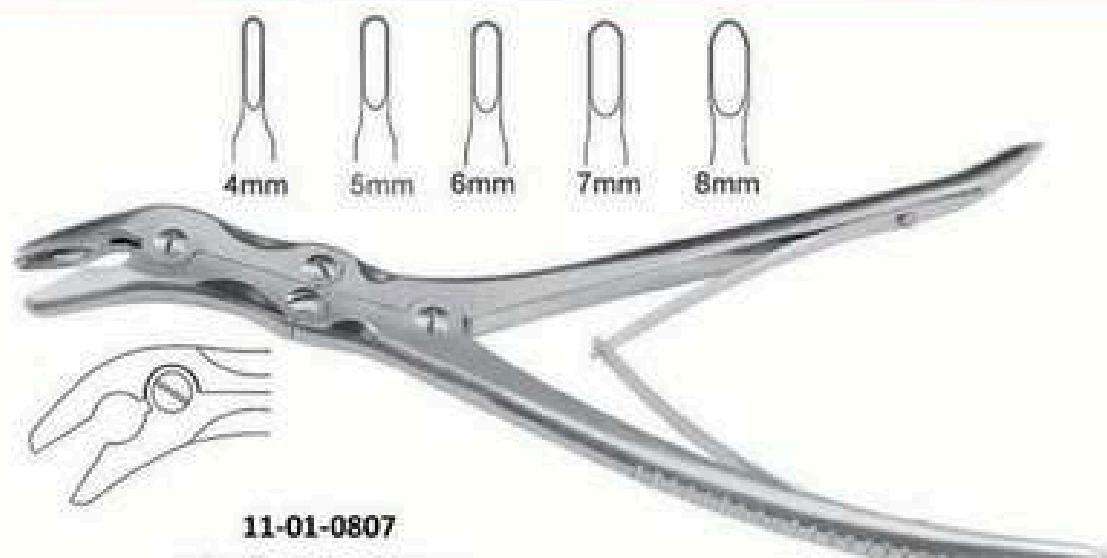




11-01-0805
Ruskin Bone Rongeur
24 cm / 9 1/2"



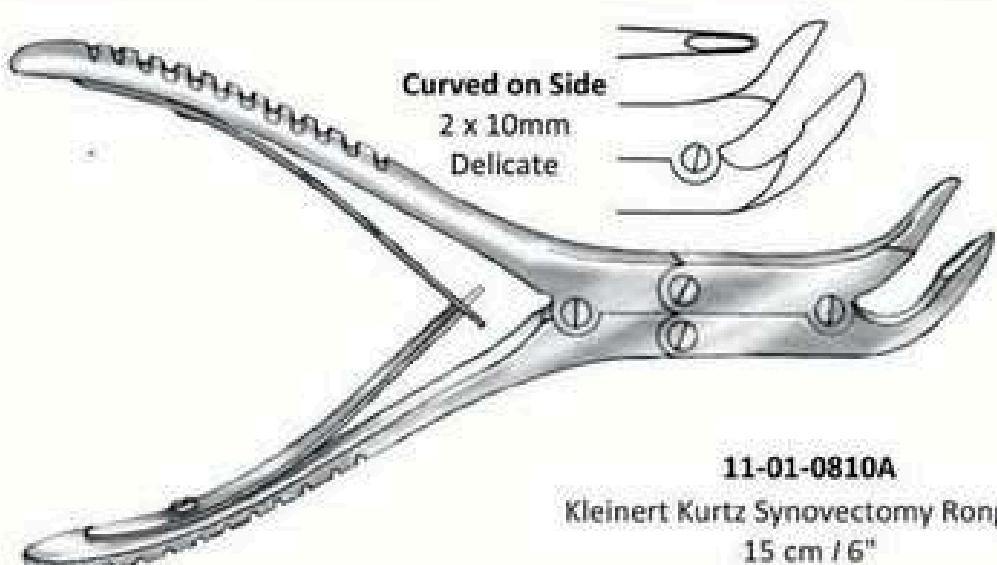
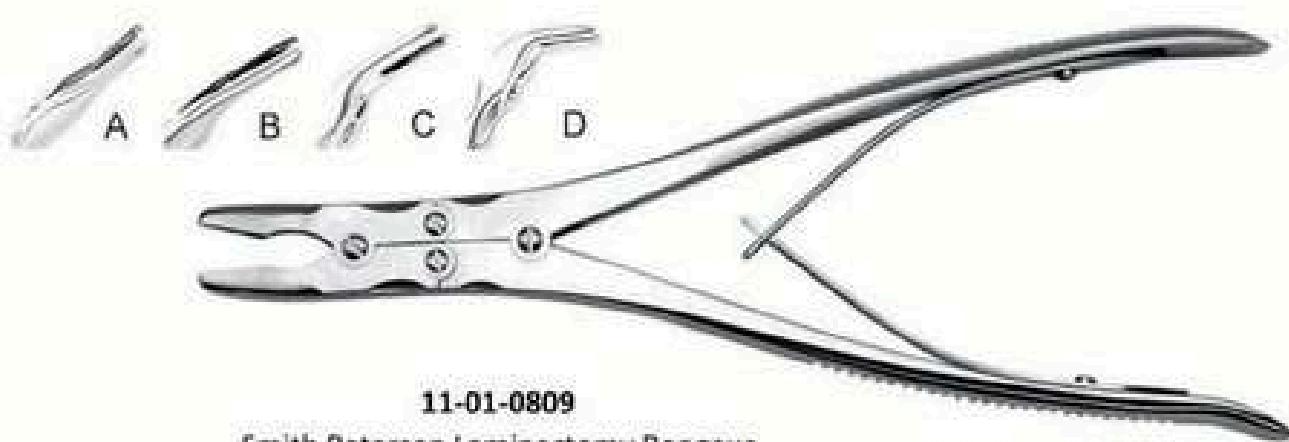
11-01-0806
Leksell Stille Bone Rongeur
24 cm / 9 1/2"

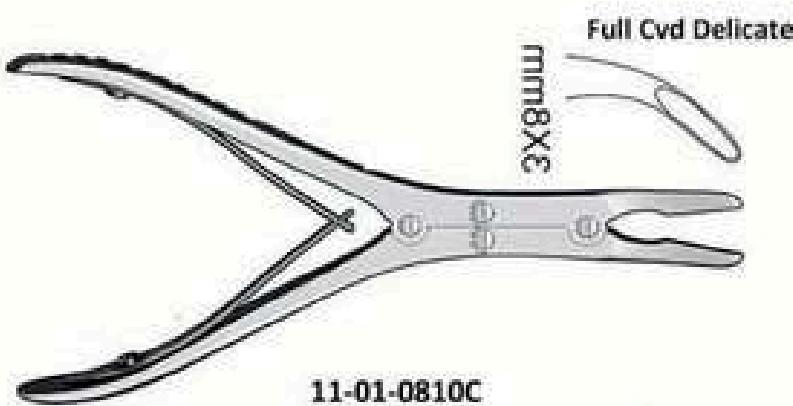
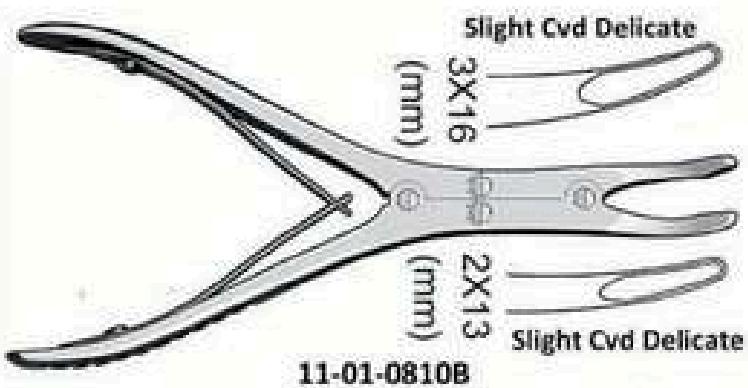


11-01-0807
Leksell Bone Rongeur
24 cm / 9 1/2"



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





Kleinert Kurtz Synovectomy Rongeur 15 cm / 6"

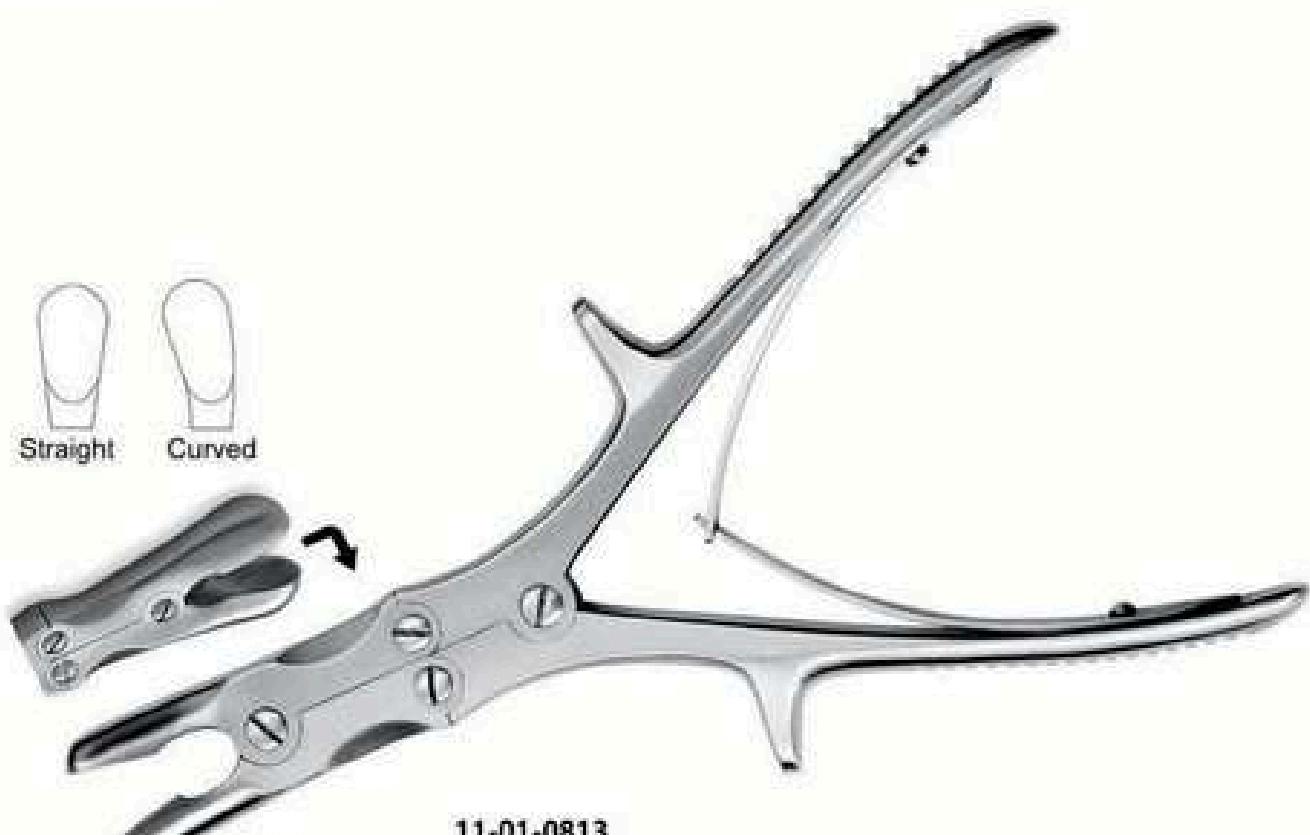
Kleinert Kurtz Synovectomy Rongeur 15 cm / 6"



Semb Bone Rongeur 23.5 cm / 9 1/2"

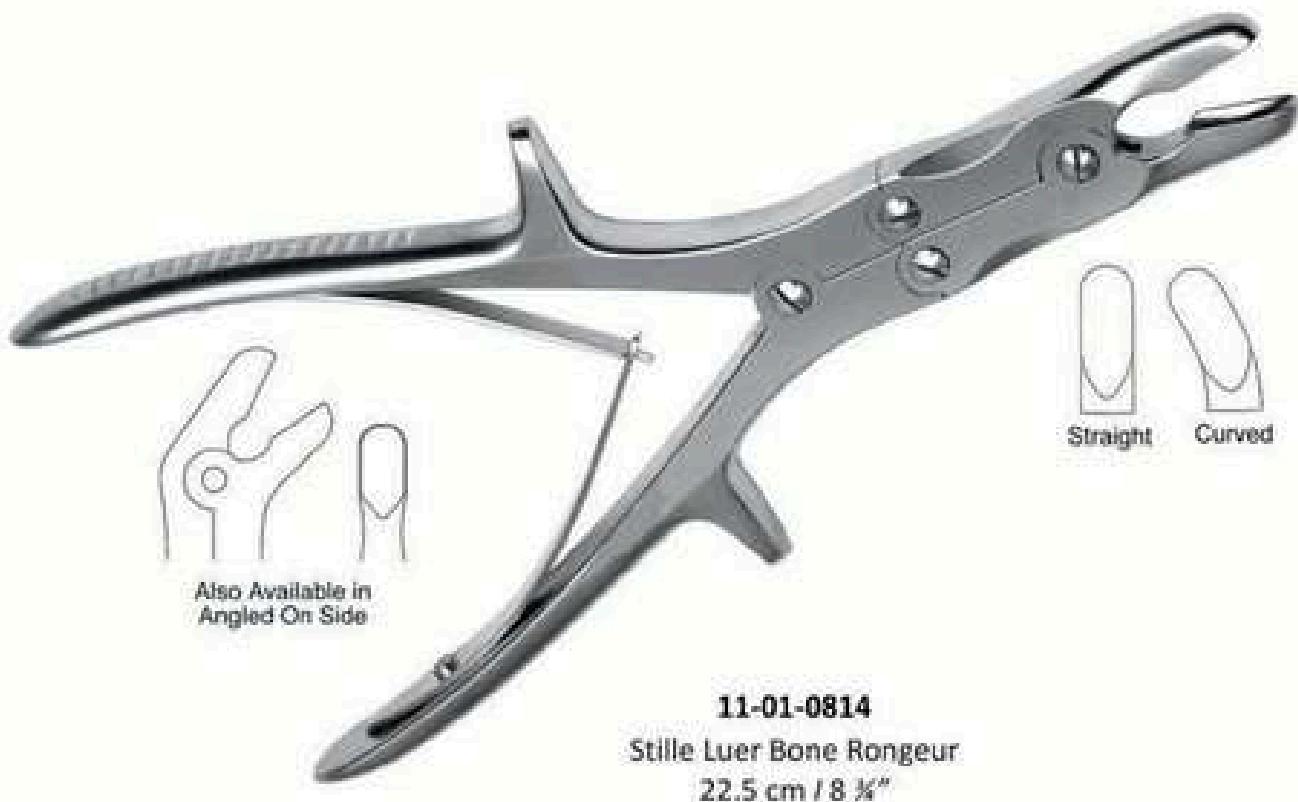


Stille Ruskin Bone Rongeur
23.5 cm / 9 1/2"



11-01-0813

Stille Luer Bone Rongeur
26.5 cm / 10 1/4"

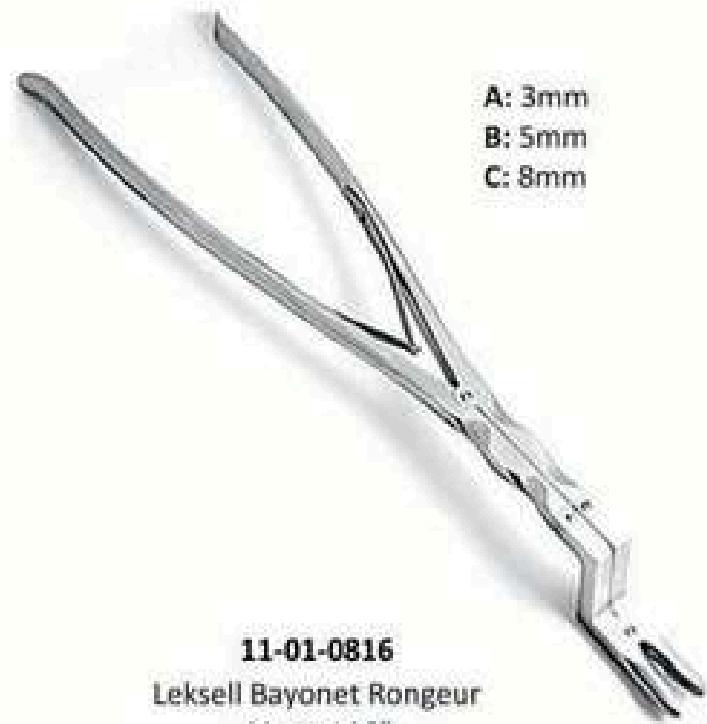


11-01-0814

Stille Luer Bone Rongeur
22.5 cm / 8 1/2"



11-01-0815
Mainz Long Neck Bone Rongeur
18 cm / 7"



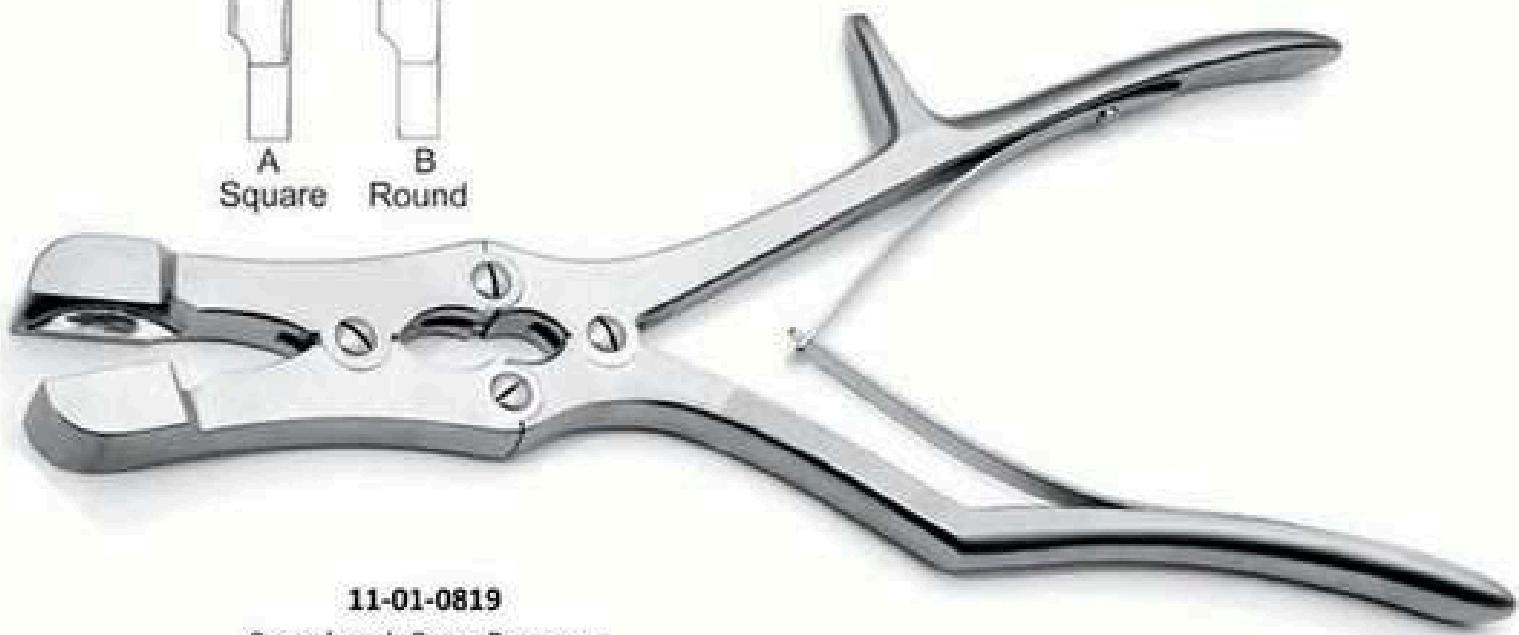
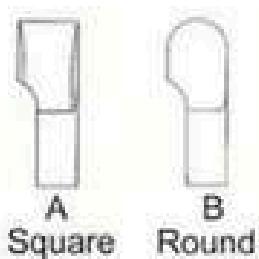
11-01-0816
Leksell Bayonet Rongeur
41 cm / 16"



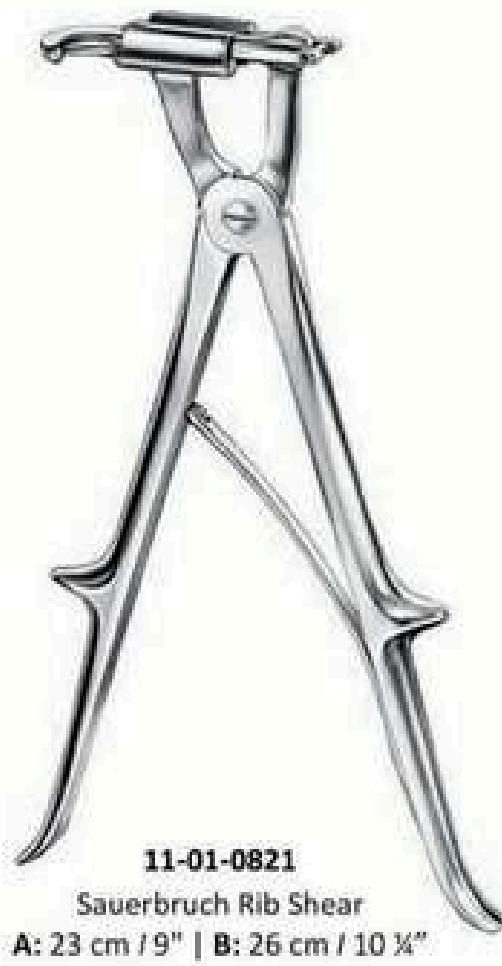
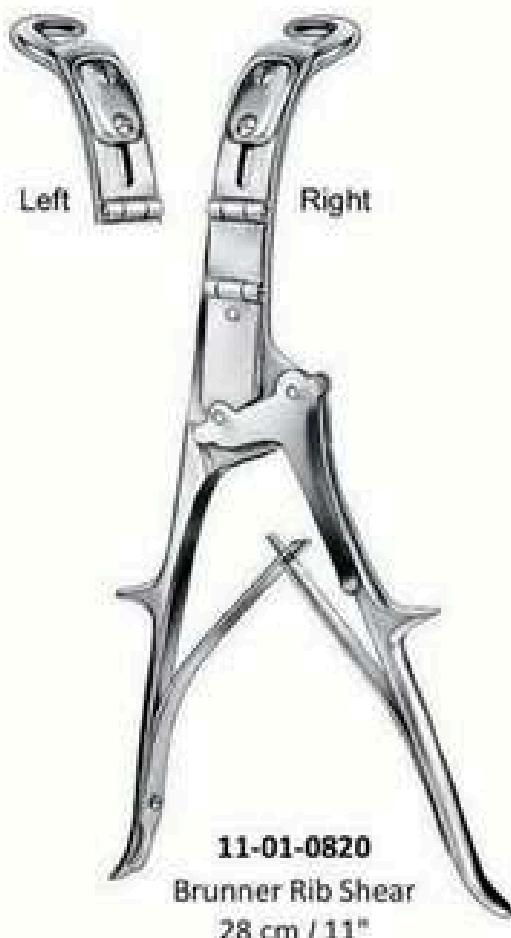
11-01-0817
Sypert Rongeur 37 cm / 14 ½"

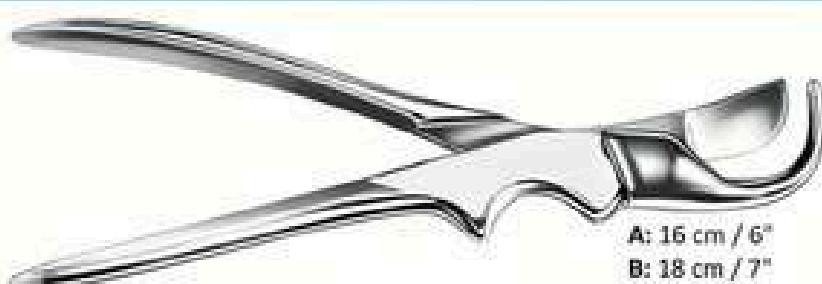


11-01-0818
Dale Thoracic Rongeur
37 cm / 14 ½"



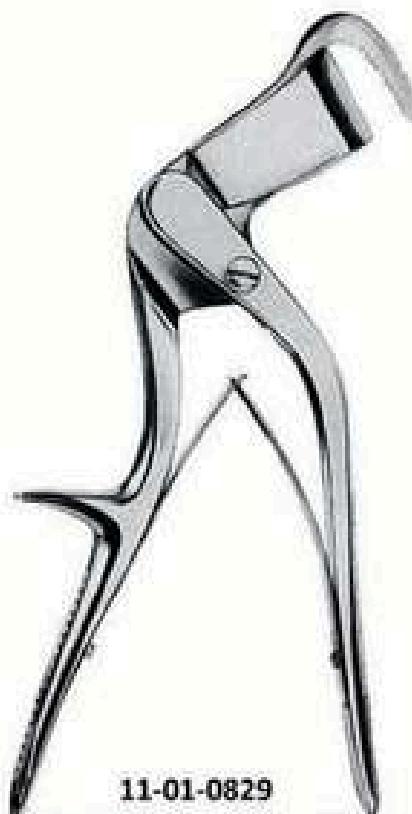
11-01-0819
Sauerbruch Bone Rongeur
37 cm / 14 1/2"





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





11-01-0829

Labsche Rib Shear 25 cm / 10"



11-01-0830

T Handle Labsehe Sternum Chisel
24 cm / 9 1/2"



11-01-0831

Rib Shear Sideward 17 cm / 6 3/4"



Pointed
Tips

11-01-0832B

Bethune Rib Shear
S Shaped Handle
34 cm / 13 1/2"



11-01-0832A

Bethune Rib Shear
S Shaped Handle
34 cm / 13 1/2"





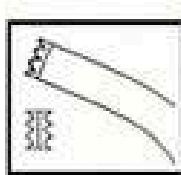
11-01-0835

INGE Spreader / Retractor

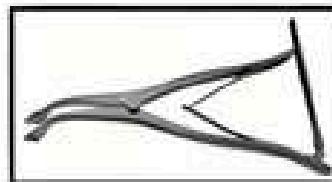
Available in 4X4 and 6X6 Teeth
& Without Teeth (Plain)



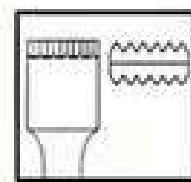
A: 4X4 Teeth
B: Without Teeth
16.5 cm / 6 ½"



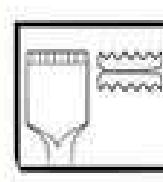
C: 4X4 Teeth
D: Without Teeth
25.5 cm / 10"



10 Inch Length Pattern



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



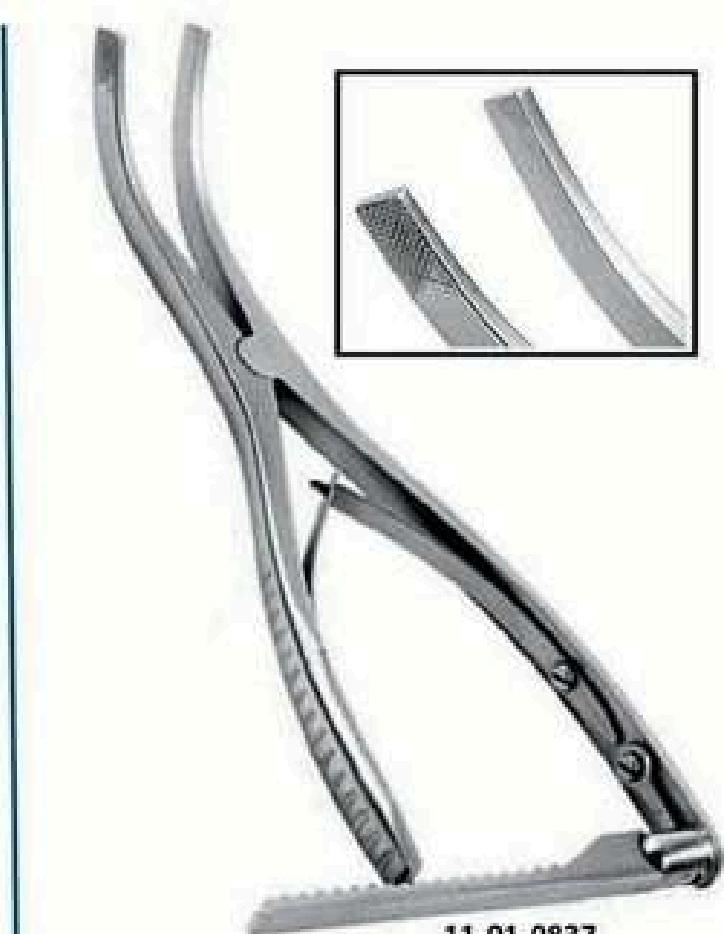
C: 6X6 Teeth
D: Without Teeth
27 cm / 10 ½"
Concave Blades



11-01-0836-1
Offset Lamina Spreader / Retractor
25.5 cm / 10"



11-01-0836-2
Vertibra Spreader / Retractor
A: 18 cm / 7" | **B: 28 cm / 11"**



11-01-0837
Inge Spreader
Serrated Outside Blades 18 cm / 7"



11-01-0838
Saxseña Lamina Spreader / Retractor
A: 18 cm / 7" | **B: 25.5 cm / 10"**
Serrated Outside Blades



11-01-0839
Calcaneal Spreader
Smooth Pads 15X12mm
18 cm / 7"



11-01-0840
Calcaneal Spreader
Grooved Pads 15X12mm
18 cm / 7"



11-01-0841
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



11-01-0842
Lombardi Femoral Tibial Spreader (Large)
A: Grooved Pads 22X13mm 23.5 cm / 9 1/2"
B: Diamond Cut Pads 22x13mm / 9 1/2"



11-01-0843

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



11-01-0844

Compressing Forceps 28 cm / 11"
Adjustable Locking
For Screws and Rods



11-01-0845

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



11-01-0846

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



11-01-0847

Compression Forceps
28 cm / 11"
Leaf Spring / Long Ratchet
For Screws and Rods



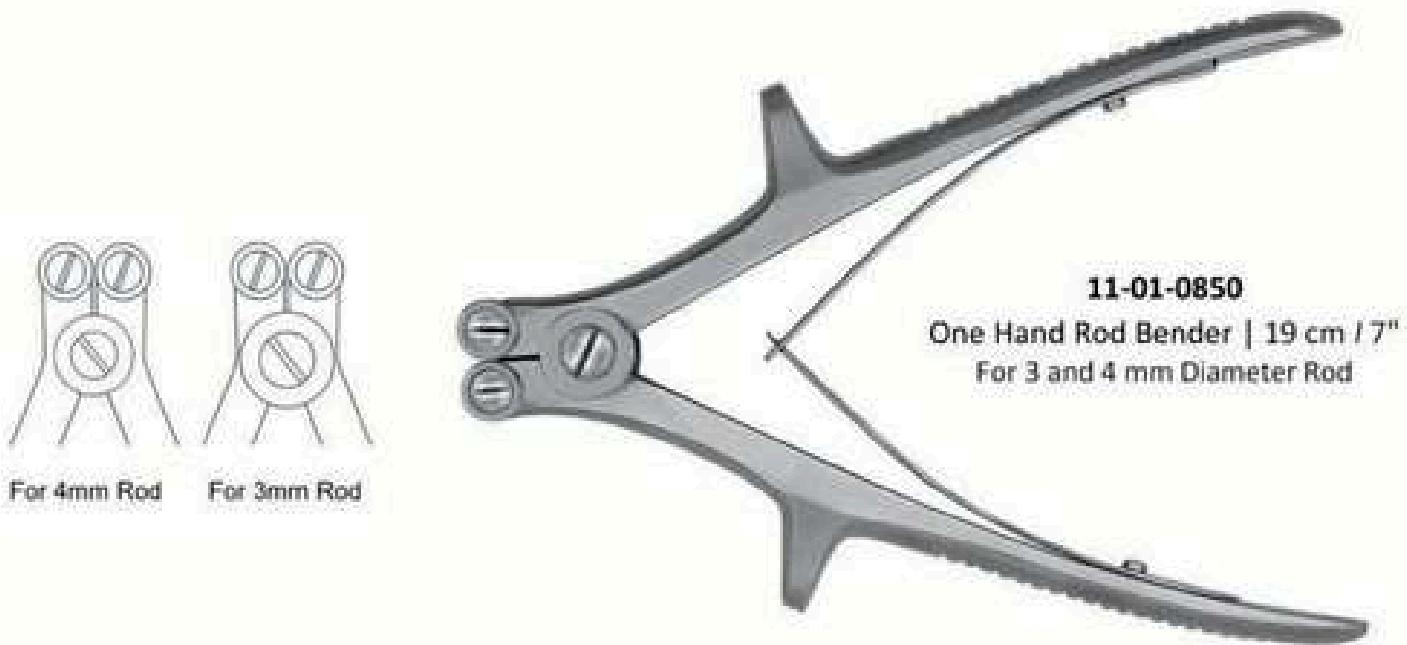
Non TC



11-01-0848

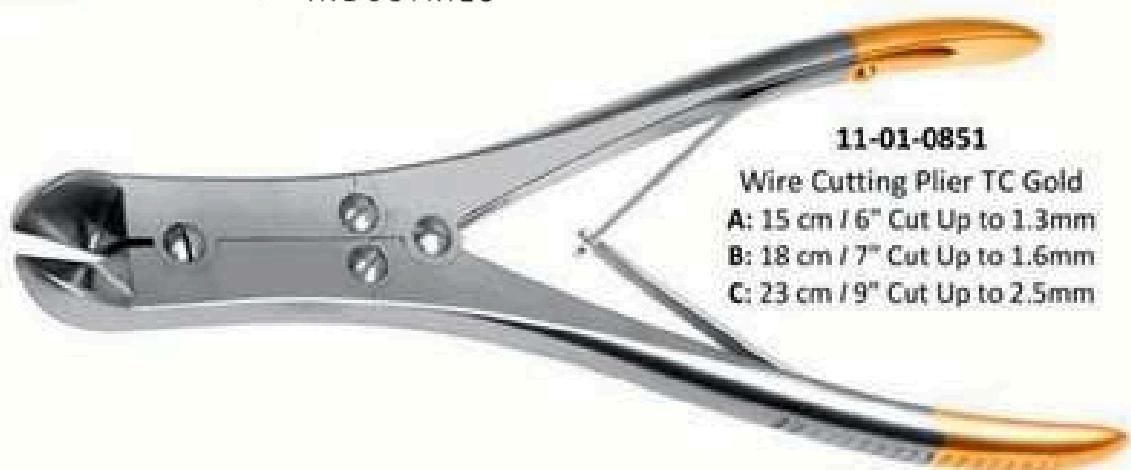
Jet Wire Twisting Device
28 cm / 11" - 10mm Tip

ROD BENDERS



For 4mm Rod

For 3mm Rod





11-01-0855

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

11-01-0856

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



11-01-0857

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



11-01-0858

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





11-01-0859

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

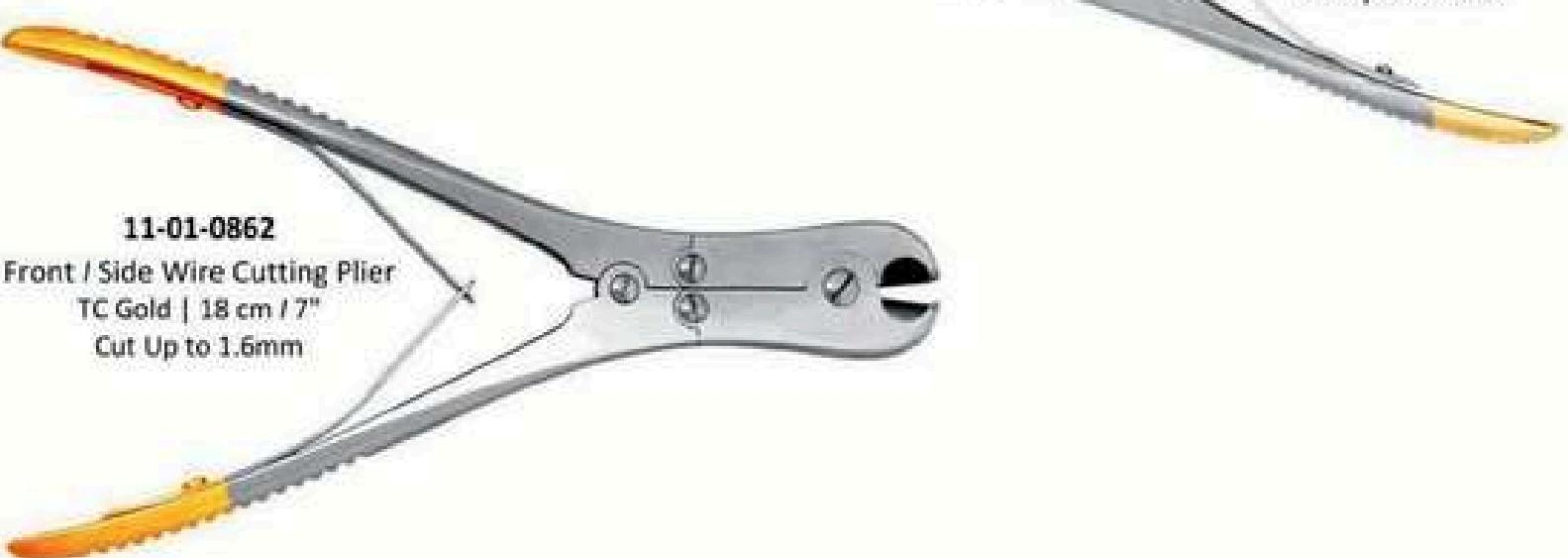


11-01-0860

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

11-01-0861

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



11-01-0862

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



11-01-0863

**Heavy Duty Pin Cutting Plier
TC Gold**

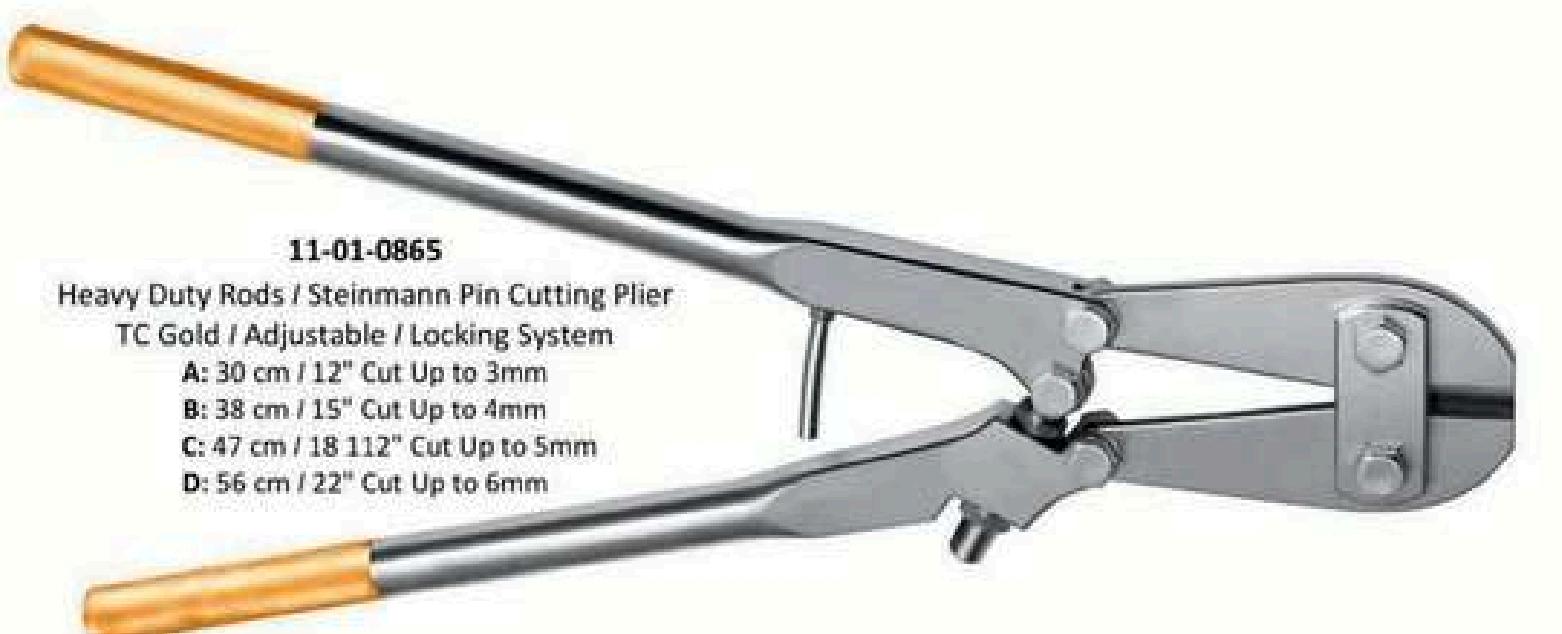
A: 30 cm / 12" Cut Up to 3mm
B: 47 cm / 18 ½" Cut Up to 5mm
C: 56 cm / 22" Cut Up to 6mm
D: 60 cm / 24" Cut Up to 7mm



11-01-0864

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



11-01-0865

**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

100



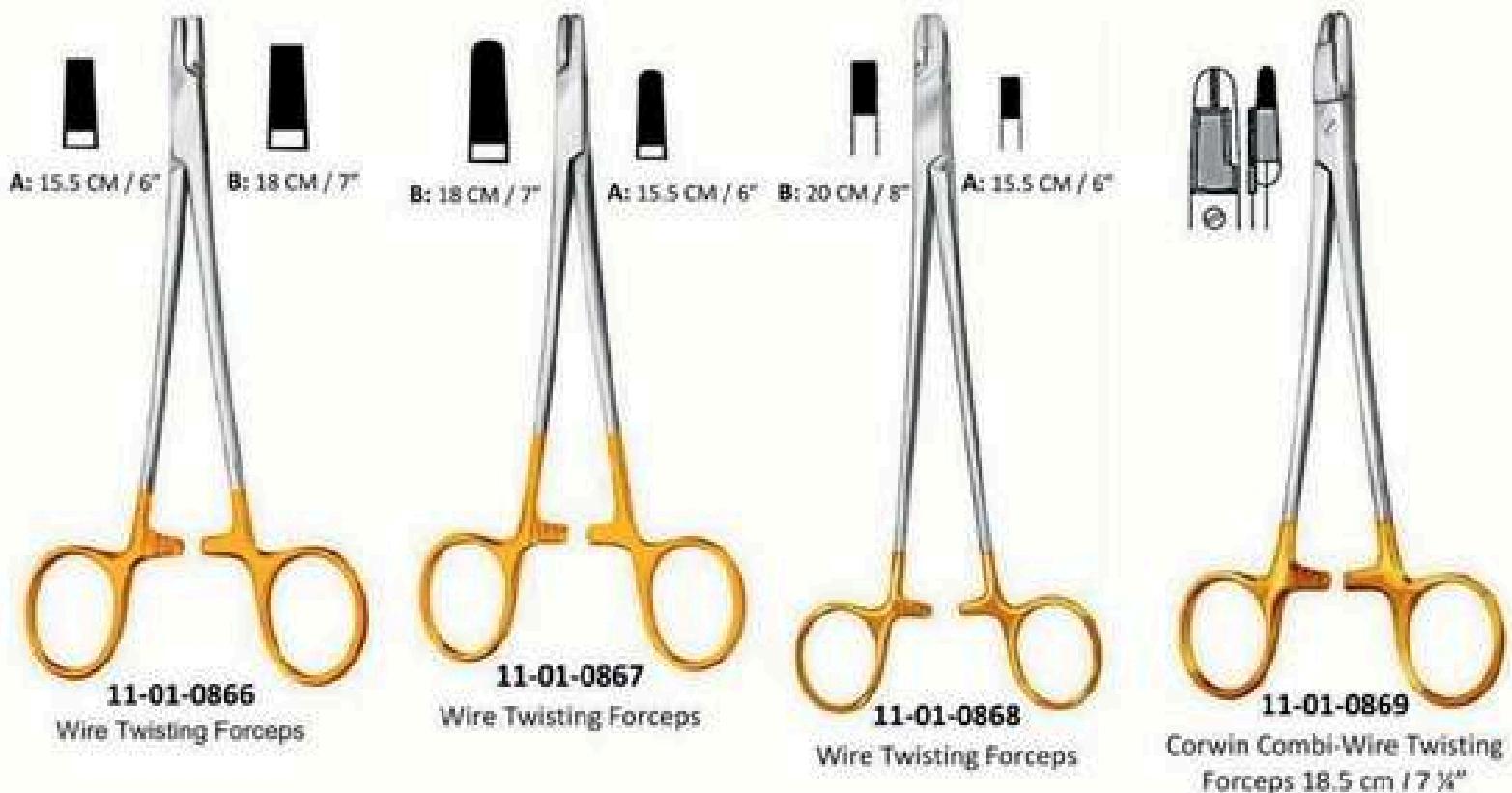
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Blunt / Blunt

A: 14.5 cm / 5 ½" Str or Cvd
B: 17 cm / 6 ½" Str or Cvd
C: 23 cm / 9" Str or Cvd

11-01-0874
Mayo Scissors TC Gold

Sharp / Sharp
Cvd or Str

Blunt / Blunt
Cvd or Str

Sharp / Blunt
Cvd or Str

11-01-0875
Operating (Standard) Scissors TC Gold

A: 13 cm / 5" Str. or Cvd
B: 14 cm / 5 1/2" Str. or Cvd
C: 15.5 cm / 6 1/2" Str. or Cvd
D: 18 cm / 7" Str. or Cvd

A: 14.5 cm / 5 ½" Str. or Cvd.
B: 17 cm / 6 ½" Str. or Cvd.
C: 23 cm / 9" Str. or Cvd.

Blunt / Blunt

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

Blunt / Blunt

11-01-0877
Metzenbaum Scissors TC Gold

Blunt / Blunt

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

11-01-0879
Ortho Universal Scissors TC Gold
12 cm / 4 1/3"

11-01-0878

Mayo-Harrington Scissors TC Gold

11-01-0880

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





Drill Bits for Quick Coupling

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

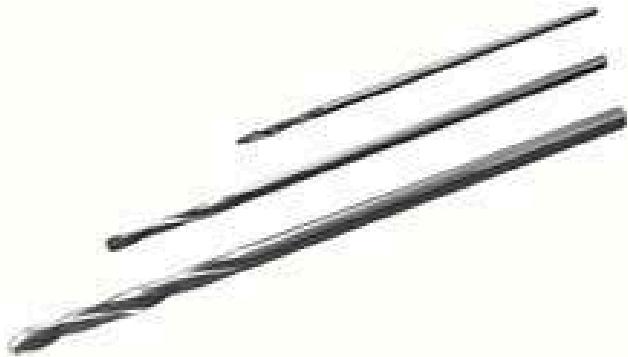
Drill bit 3.5mm
for gliding hole for 3.5mm screws

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 4.0mm 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

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

11-01-0881

Tap for 1.5mm Cortex Screws

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



11-01-0882

Tap for 6.5mm Cancellous Bone Screws

Length 195mm, predrilling 3.2mm dia.



11-01-0883

Tap for 4.0mm Cancellous Bone Screws

Total Length 110mm, Usable Length 85mm



11-01-0884

Tap Cannulated, for 7.0mm Cannulated Screws

Length 230mm





Tap for 3.5mm Cortex Screws

Predrilling: 2.5mm dia.

<u>Item</u>	<u>Total length</u>	<u>Type</u>
102.007	175mm	with length markings
102.008	110mm	thread length 50mm

Tap for 2.0mm Cortex Screws

Predrilling: 1.5mm dia.

Tap for 2.7mm Cortex Screws

Predrilling: 2.0mm dia.

Predrilling: 3.2mm

<u>Item</u>	<u>Length</u>	<u>Type</u>
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.



11-01-0885

Countersink Shaft 1.5/2.0

Length 52mm, for mini quick coupling



11-01-0886

Router, for Jacobs chuck

Length 90mm



11-01-0887

Router, for quick coupling

Length 90mm



11-01-0888

Countersink Shaft 3.5mm

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



11-01-0889

Countersink, large

Length 180mm, for 4.5mm cortex screws



11-01-0890

Countersink, cannulated, for 7.0mm cannulated Screws

Length 230mm





11-01-0891

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



11-01-0892

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



11-01-0893

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



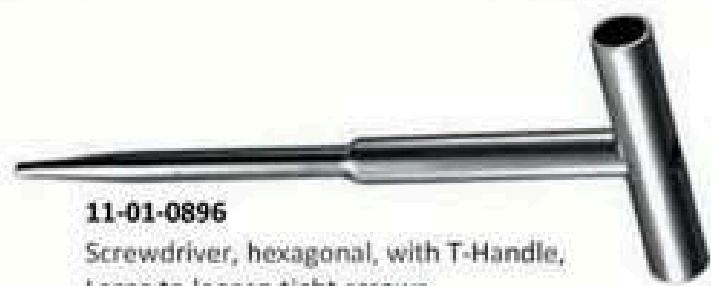
11-01-0894

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



11-01-0895

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



11-01-0896

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.



11-01-0897

Handle with mini quick coupling



11-01-0898

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



11-01-0899

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



11-01-0900

Handle, small, with mini quick coupling



11-01-0901

Handle, medium, with mini quick coupling



11-01-0902

Handle, Large, with mini quick coupling



11-01-0903

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



11-01-0904

Screwdriver with Universal Joint, large
Length 290mm



11-01-0905

Screwdriver, hexagonal, large, with groove
Length 240mm



11-01-0906

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



11-01-0907

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



11-01-0908

Holding Sleeve for Mini Screws single



11-01-0909

Holding Sleeve



11-01-0911

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



11-01-0910

Holding Sleeve single



11-01-0912

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



11-01-0913

Insert Drill Sleeve 3.5/2.5

Length 42mm, drill bit 2.5mm dia.



11-01-0915

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



11-01-0916

Drill Sleeve 4.5/ 2.0

Length 109mm, for percutaneous insertion of 7.0mm cannulated screws



11-01-0918

Handle for Drill Guides single



11-01-0919

Drill Sleeve 3.0 with point length 55mm



11-01-0914

Insert Drill Sleeve 4.5/3.2

Length 80mm for long lag screws



11-01-0917

Drill Sleeve 8.0/4.5

Length 100mm, for percutaneous insertion of 7.0mm cannulated screws



11-01-0920

Handle for Drill Guides single



11-01-0921

Drill Sleeve 1.5mm / 2.0 / 2.7mm



11-01-0922

Drill Sleeve 2.7



11-01-0923

Double Drill Sleeve 1.5/101

For 1.5mm cortex screws

Drill bits, 1.5 and 1.1mm dia.



11-01-0924

Double Drill Sleeve 2.0/1.5 for

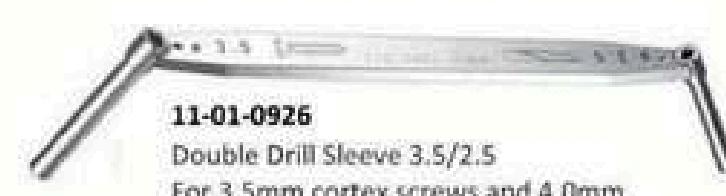
2.7mm cortex screw



11-01-0925

Double Drill Sleeve 2.7/2.0

For 2.7mm cortex screws



11-01-0926

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.,





11-01-0927

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



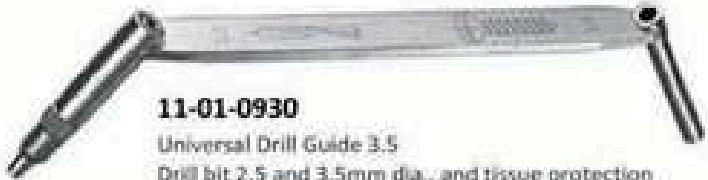
11-01-0928

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



11-01-0929

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



11-01-0930

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



11-01-0931

Universal Drill Guide 4.5/3.2
Drill bits 3.2 and 4.5mm dia.



11-01-0932

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



11-01-0933

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



11-01-0934

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



11-01-0935

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



11-01-0936

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



11-01-0937

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



11-01-0938

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.



11-01-0939

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



11-01-0940

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



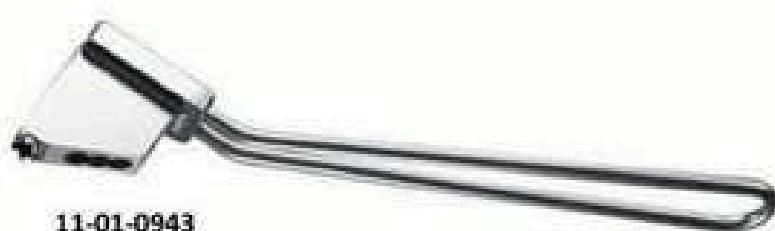
11-01-0941

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



11-01-0942

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.



11-01-0943

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



11-01-0944

Parallel Wire Guide 2.0mm dia.



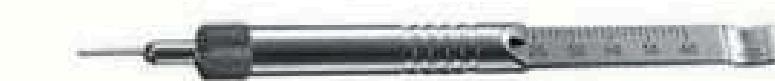
11-01-0945

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



11-01-0948

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



11-01-0946

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



11-01-0949-1

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



11-01-0947

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



11-01-0949-1

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

11-01-0949-2

Triple Drill Guide

130° angle, for 130° angled blade plates and
for condylar plates, drill bit 4.5mm dia.



11-01-0950

Drill Guide with stop 3.5/2.7
to limit drilling depth



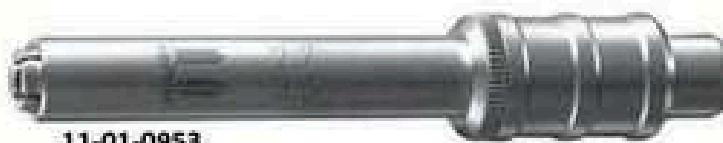
11-01-0951

Protection Sleeve 11.0/8.0
for percutaneous insertion of 7.0mm
cannulated screws



11-01-0952

Holding Sleeve
Length 80mm, for 2.7 to 4.0mm screws



11-01-0953

Holding Sleeve for length 80mm for 2.7mm screws
and 3.5mm cannulated screws



11-01-0954

Holding Sleeve, large, length 120mm



11-01-0955

Screw Forceps, self-holding
Length 85mm, to take screws out of the screw racks



11-01-0956

Drill Sleeve, pointed



11-01-0957

Bending Iron LC-DCP/DCP
Length 250mm, for small and broad LC-DCP, DCP
Slit widths 5 and 7mm, required in pairs



11-01-0958

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



11-01-0959

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



11-01-0960

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



11-01-0961

Handle with Sleeve
with rotating drill guide and anchoring point



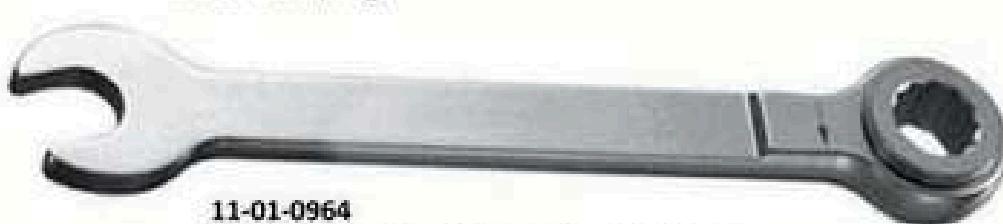
11-01-0962

Trocar Point, large



11-01-0963

Cheek Retractor Ring



11-01-0964

Combination Wrench 11mm length 140mm



11-01-0965

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



11-01-0966

Socket Wrench 11mm
Length 200mm



11-01-0967

Slotted Hammer
Length 270mm



11-01-0969

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



11-01-0968

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.



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11-01-0970

Inserter/Extractor

Length 175mm, for infant hip plate and mini hip plate.



11-01-0971

Bending Pliers for Reconstruction Plates 2.7 and 3.5

Length 240mm



11-01-0972

Bending Pliers for plate 2.4 to 4.0

Length 230mm



11-01-0973

Cutter for thin plates 1.5 to 2.7

Length 256mm



11-01-0974

Bending Pliers

For reconstruction plates 2.7,

Length 270mm, required in pairs



11-01-0975

Cerclage Wire Tightener

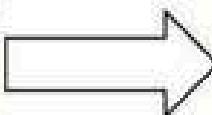
Length 260mm

For twisting, for temporary fixation during reduction



11-01-0976

Bending Pliers for Plates



11-01-0977

Anvil, narrow



11-01-0978

Anvil, Large

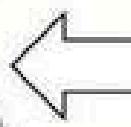
11-01-0979
Bending Press
Length 400mm



11-01-0983
Blade with foot single



11-01-0984
Blade with tip single



11-01-0982
Forces with Sliding Blades.
Complete with two interchangeable blades
Length 155mm, weight 42 g, speed lock

11-01-0985
Wire Passer 45mm bending diameter



11-01-0986
Wire Passer 70mm bending diameter



11-01-0987
Holding Clip



11-01-0988
Wire Tightener
Length 240mm, with handle and two pegs





11-01-0989

Handle with quick coupling

Length 150 mm



11-01-0990

Cancellous Bone Impactor, curved, 6mm dia.

Length 140 mm



11-01-0991

Cancellous Bone Impactor, curved, 6mm dia.

Flattened, Length 140 mm



11-01-0992

Cancellous Bone Impactor, straight, 8 mm dia.

Length 140 mm



11-01-0993

Cancellous Bone Impactor, rectangular,

6x16mm, Length 140 mm



11-01-0994

Cancellous Bone Impactor, rectangular,

10x20mm, Length 140mm



11-01-0995

Rasp round, rectangular,

10x30mm, Length 140 mm



11-01-0996

Rasp round

Length: 140 mm



11-01-0997

Rasp, half-round

Length: 140 mm



11-01-0998

Gouge, straight, 5mm wide

Length 140 mm



11-01-0999

Gouge, curved, 5mm wide

length 140 mm



11-01-1000

Gouge, straight, 10 mm wide

Length 140mm



11-01-1001

Gouge, curved, 10 mm wide

Length 140 mm



11-01-1002

Gouge, curved, 15 mm wide

Length 140 mm



11-01-1003

Gouge, straight, 15 mm wide
Length 140 mm



11-01-1004

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



11-01-1005

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



11-01-1006

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



11-01-1007

Chisel, flat, 20 mm wide
Length 140 mm



11-01-1008

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



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