

BRAX INSTRUMENTS

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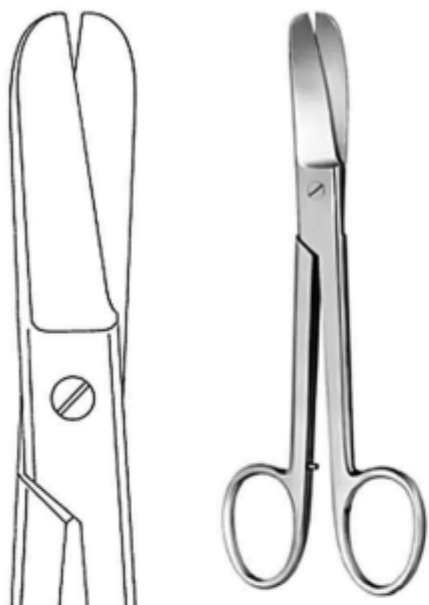
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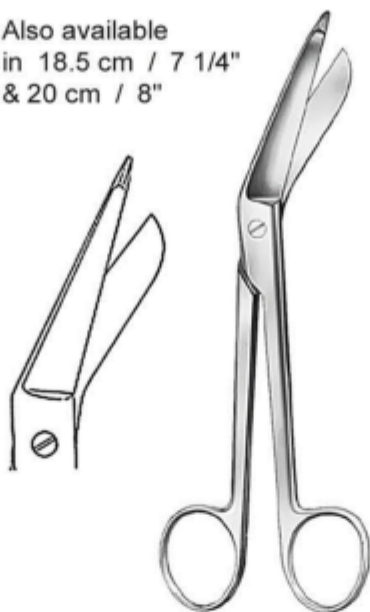
ORTHOPEDIC DRESSING – PLASTER INSTRUMENTS



BI-11-01-0300

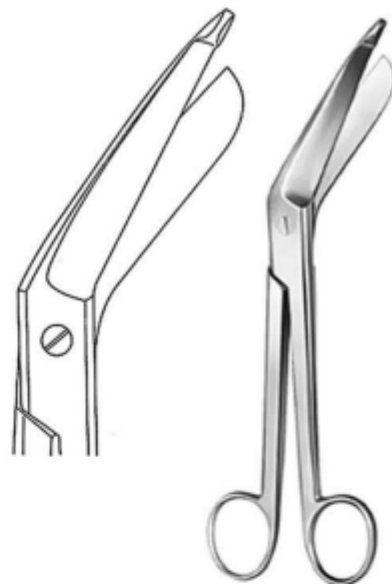
Lorenz Bandage Scissors
Heavy Pattern 23 cm / 9"

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



BI-11-01-0301

Lister Bandage Scissors
14.5 cm / 5 3/4"



BI-11-01-0302

Bergmann Plaster Shears
Heavy Pattern 23.5 cm / 9"



BI-11-01-0303

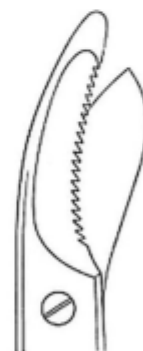
Esmarch Plaster Shears
Heavy Pattern, Short Blades
20 cm / 8"

Also available
in 18cm / 7 1/2"



BI-11-01-0304

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



BI-11-01-0305

Brun's Plaster Scissors 24 cm
9 1/2" One Serrated Cutting Edge

ORTHOPEDIC DRESSING – PLASTER INSTRUMENTS



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

BI-11-01-0306

Stille-Martin Plaster Shears
23 cm / 9"



BI-11-01-0307

Engel Plaster Saw 15.5 cm / 6"



BI-11-01-0308

Engel Plaster Saw 15.5 cm / 6"



BI-11-01-0308

Bergmann Plaster Saw 18 cm / 7"



BI-11-01-0309

Reiner Plaster Knife 18 cm / 7"



BI-11-01-0311

Hopkins Plaster Knife 20 cm / 8"



BI-11-01-0310

Esmarch Plaster Knife 18 cm / 7"

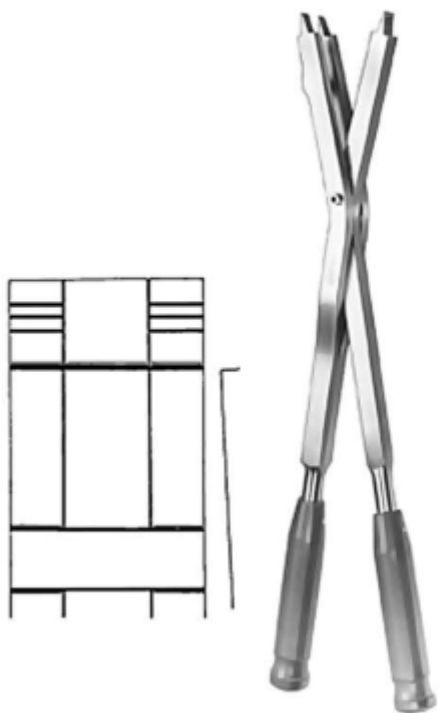


with wooden handle

BI-11-01-0312

Martin Plaster Knife 21 cm / 8 ¼"

ORTHOPEDIC DRESSING – PLASTER INSTRUMENTS



BI-11-01-0313

Hermann Plaster Spreader
48 cm / 19" Heavy Pattern



BI-11-01-0314

Hennig Plaster Spreader
28 cm / 11"



BI-11-01-0315

Hennig Plaster Spreader
30 cm / 12"



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



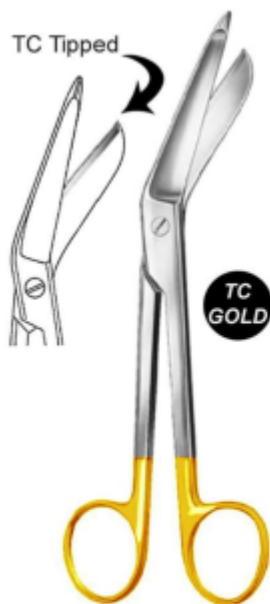
BI-11-01-0317 Walton Plaster Spreader w/Spring 3 Prongs 23 cm / 9"



BI-11-01-0318

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

AMPUTATION SAW – GIGLI SAW



BI-11-01-0319

Lister Bandage Scissors TC
18 cm / 7" cm / 13 ¾"



BI-11-01-0320

Bruns Plaster Scissors
24 cm / 9 ½"



BI-11-01-0321

Charriere Amputation Saw 35 cm / 13 ¾"



A: 21.5 cm / 8 ¾" 12mm



B: 21.5 cm / 8 ¾" 15mm



C: 21.5 cm / 8 ¾" 18mm

Spare Saw Blades



BI-11-01-0322

BIER Amputation Saw 40.5 cm / 16"



A: 27 cm / 10 ¾" 4 mm wide



B: 27 cm / 10 ¾" 6 mm wide



C: 27 cm / 10 ¾" 8 mm wide



BI-11-01-0323

Langenbeck Amputation Saw 24.5 cm / 9 ¾"



BI-11-01-0324 Satterlee Amputation Saw

29 cm / 11 ½"

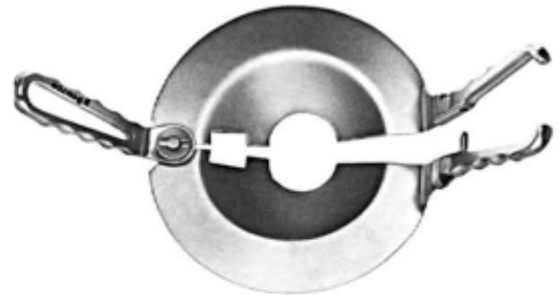
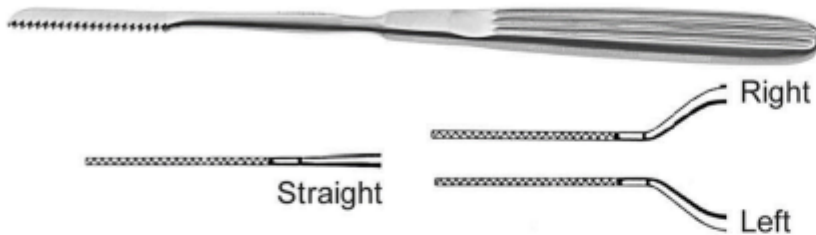


BI-11-01-0325 Charriere Amputation Saw 27 cm / 10 ½"



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

AMPUTATION SAW – GIGLI SAW



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

BI-11-01-0328

Percy Amputation Shield 30 cm / 12"



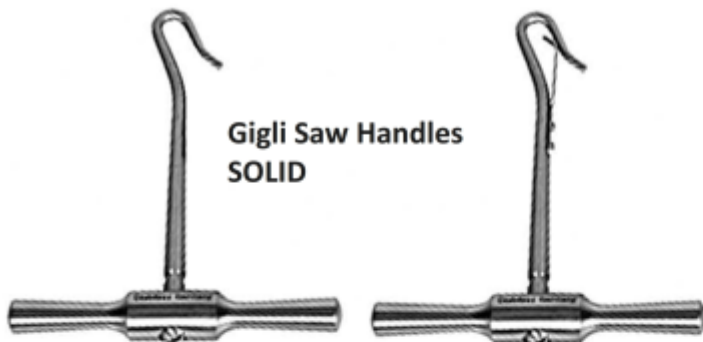
BI-11-01-000

A: Gigli Saw 30cm

B: Gigli Saw 50cm

C: Tyler Gigli Saw (Large Cut) 30cm

D: Tyler Gigli Saw (Large Cut) 30cm



BI-11-01-001 Gigli Sold in Pair

BI-11-01-002 Gigli Sold in Pair



BI-11-01-005 BAILEY GIGLI SAW GUIDE 30 CM



BI-11-01-006 POPPEN GIGLI SAW GUIDE 28 CM



BI-11-01-003 Gigli Sold in Pair

BI-11-01-004 Gigli Sold in Pair



REAMERS - AWLS - BONE HOOKS



BI-11-01-0329

Reamer
13.5cm / 5 ¼"



BI-11-01-0330

Perthes Reamer
18 cm / 7"



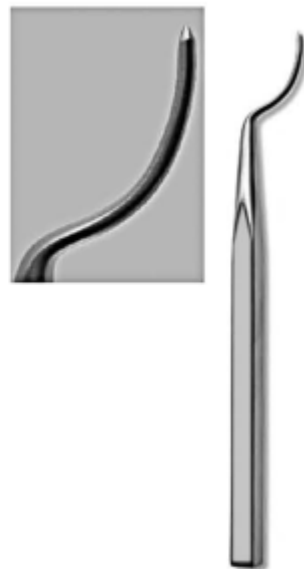
BI-11-01-0331

Perthes Reamer
21.5 cm / 8 ½"



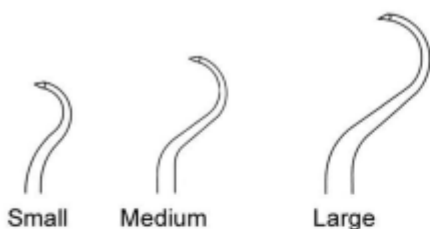
BI-11-01-0332

Reamer One concave
side 14 cm / 5 ½"



BI-11-01-0333

Glenoid Punch
20 cm / 8"



BI-11-01-0334

Shoulder Percussion Awl **A:** 21.5cm / 8 ½" **B:** 23.5cm / 9 ¼"



A: 20cm / 8"
19X27mm
Sharp

B: 23cm / 9"
15X20mm
Blunt

C: 23cm / 9"
15X20mm
Sharp

C: 25cm / 9 ¾"
15X20mm
Sharp

BI-11-01-0335 Volkman Bone Hook

REAMERS - AWLS - BONE HOOKS



Pointed

BI-11-01-0336

Kuntscher Diamond Awl 28 cm / 11"

Pointed

BI-11-01-0337

Rush Awl / Reamer

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

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

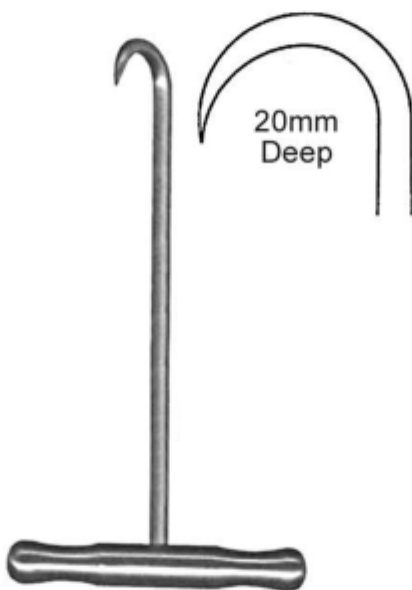
C: 21 cm / 8 1/2" 5mm

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



BI-11-01-0338

Bone Hook 23 cm / 9"



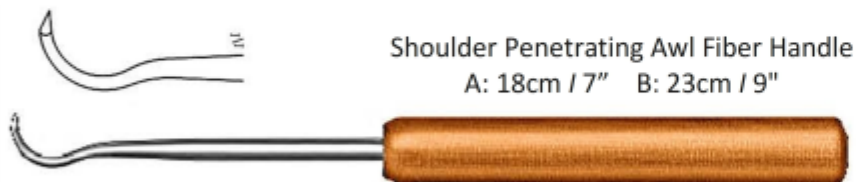
BI-11-01-0339

Bone Hook T Handle 20 cm / 8"



BI-11-01-0340

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



Shoulder Penetrating Awl Fiber Handle

A: 18cm / 7" B: 23cm / 9"

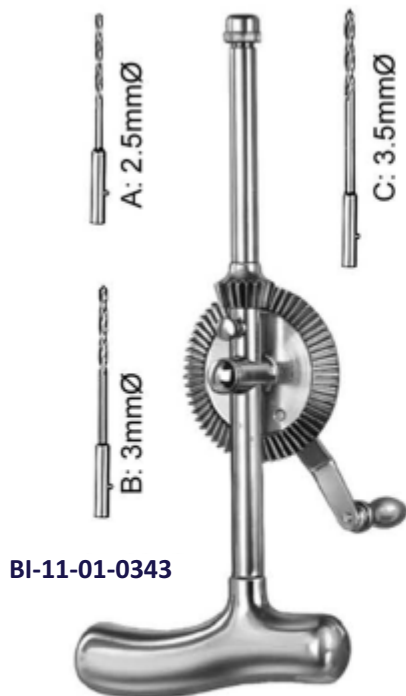
BI-11-01-0341



BI-11-01-0342

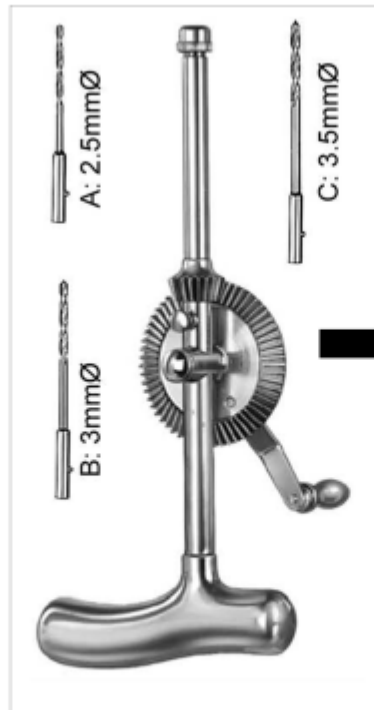
Pointed Awl Fiber Handle 25cm / 10"

ORTHOPEDIC HAND BONE DRILLS -ACC



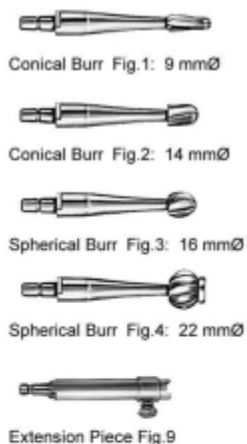
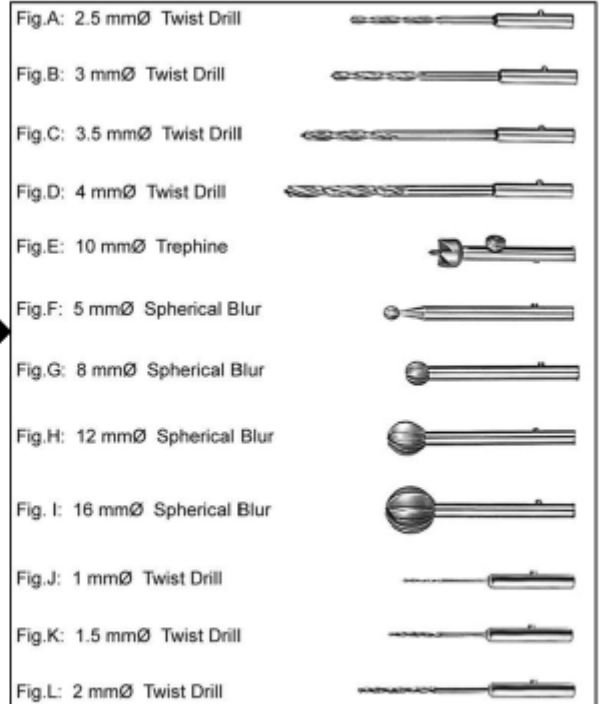
BI-11-01-0343

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



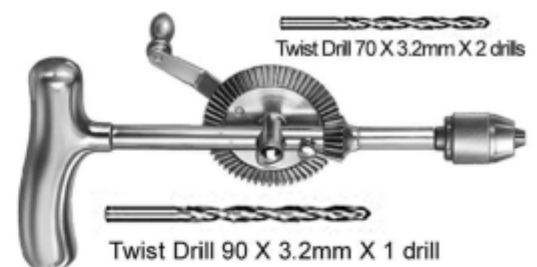
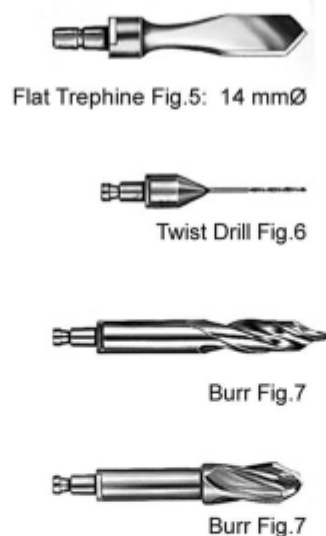
BI-11-01-0344

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

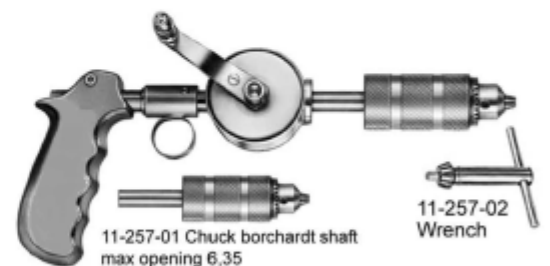


BI-11-01-0345

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



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



BI-11-01-0347

Martin Hand Drill with Chuck & Wrench

ORTHOPEDIC HAND BONE DRILLS -ACC



BI-11-01-0348

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

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



BI-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



BI-11-01-0350

Ralk Hand Drill

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



BI-11-01-0351

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



BI-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



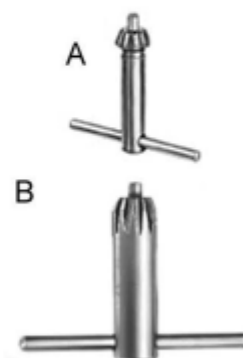
BI-11-01-0353

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



BI-11-01-0354

Hand Drill
Polished / Dull or Coated.
All Covered



All Hand Drills
Provided with Keys

ORTHOPEDIC HAND BONE DRILLS -ACC



BI-11-01-0355

Hand Drill
Polished / Dull
Or Coated.
Open Housing



BI-11-01-0356

Hand Drill
Polished / Dull
Or Coated.
Open Housing



BI-11-01-0357

Hand Drill
Polished / Dull
Or Coated.
Semi Closed Housing



BI-11-01-0358

Vickers Easidriver 14 Cm / 5 ½"



BI-11-01-0355

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



BI-11-01-0360

Handle with chuck T-Shaped



BI-11-01-0361

Fiber T-Handle Key



BI-11-01-0362

Key



BI-11-01-0363

Key

ORTHOPEDIC DRILL BITS – BURS – TREPHINES



BI-11-01-01

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



BI-11-01-02

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



BI-11-01-03

5mm Borchardt Shaft Flat Trephine

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



BI-11-01-04

5mm Borchardt Shaft Spherical Burr

A: 3.0mm B: 4.0mm



BI-11-01-05

5mm Borchardt Shaft Spherical Burr

A: 3.0mm B: 5.0mm



BI-11-01-06

Doyen Spherical Burr

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

Short 5mm Borchardt Shaft



BI-11-01-07

Doyen Spherical Burr

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



BI-11-01-08

Doyen Conical Burr

Coarse Spacing 12mm Dia



BI-11-01-09

Doyen Conical Burr

Fine Spacing A: 8mm / B: 10 mm



BI-11-01-10

Doyen Cylindrical Burr

Coarse Spacing A: 12mm / B: 15mm



BI-11-01-11

Albee Burr Oval Coarse Spacing

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



BI-11-01-12

Albee Burr Pointed 7 mm



BI-11-01-13

Borchardt Burr Oval Coarse Spacing 13mm



BI-11-01-14

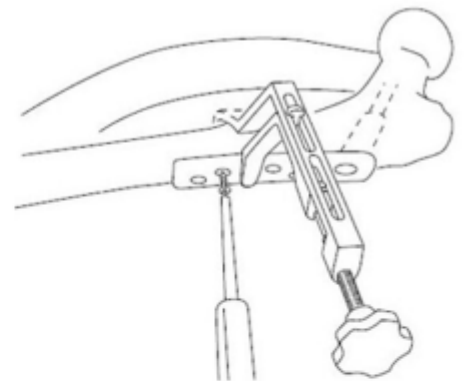
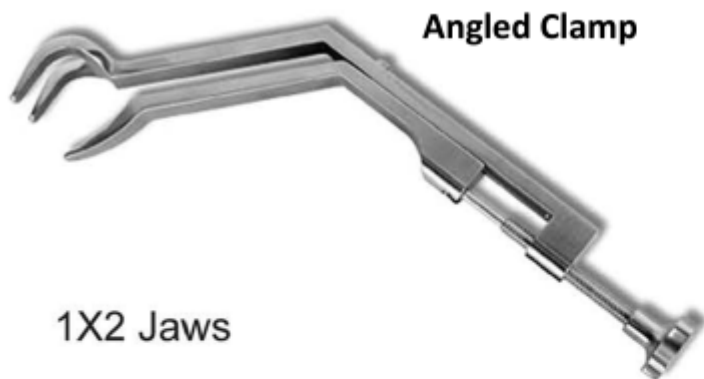
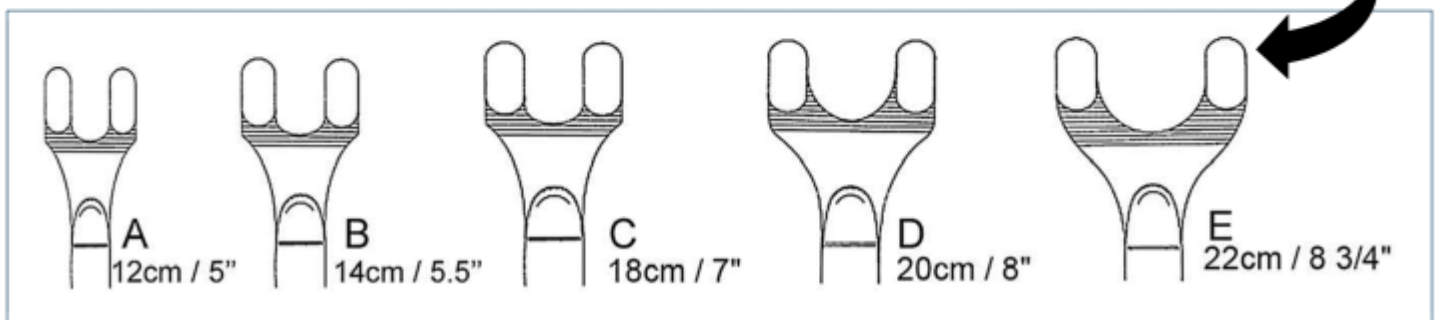
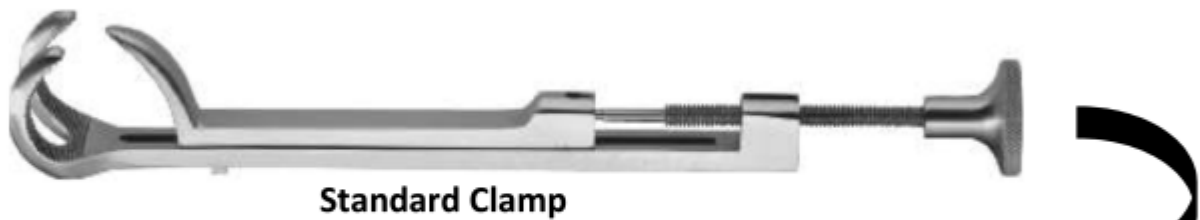
Flat Burr Short Borchardt Shaft 25mm



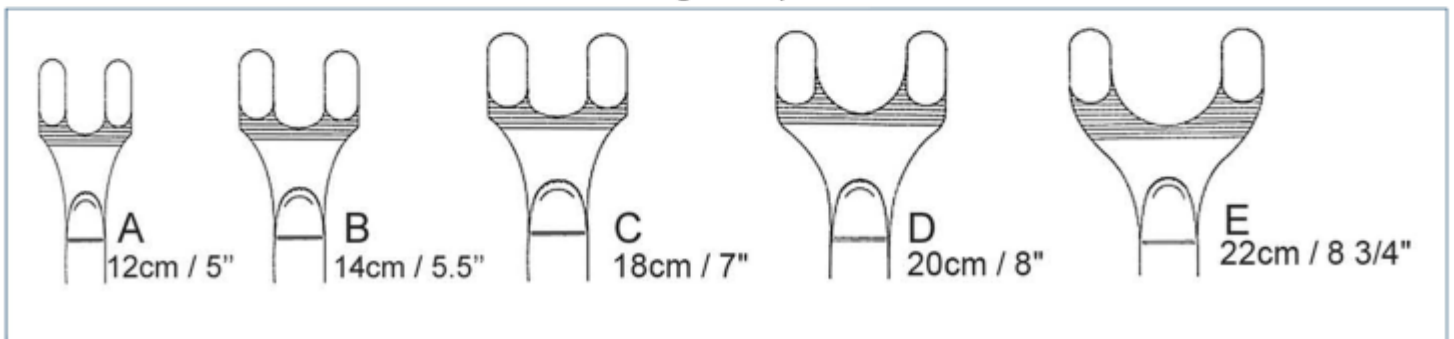
BI-11-01-15

Toti Trephine Short Borchardt Shaft 8mm

BONE HOLDING CLAMPS – TRACTION BAR



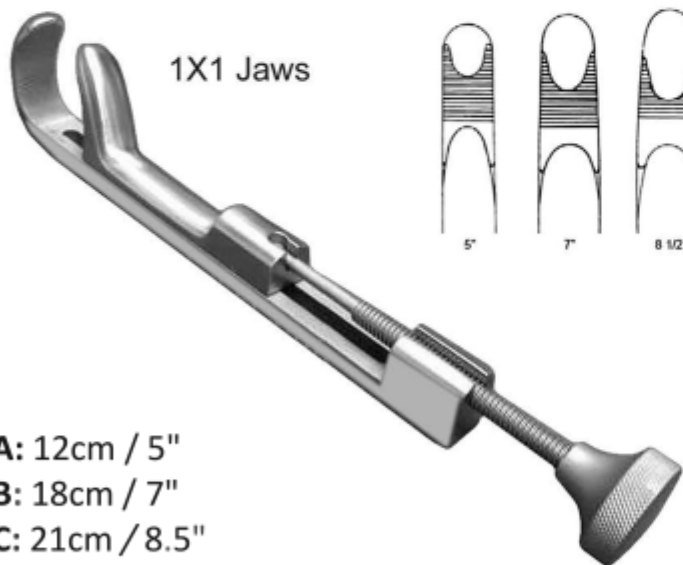
BI-11-01-0365 Gerster-Lowman Bone Holding Clamp



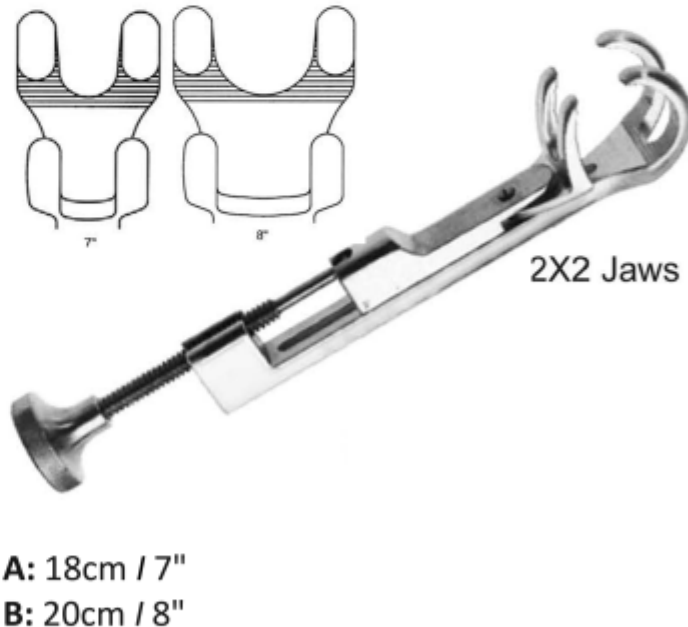
BONE HOLDING CLAMPS – TRACTION BAR



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



BI-11-01-0367
Gerster-Lowman Bone Holding Clamp



BI-11-01-0368
Gerster-Lowman Bone Holding Clamp

WISE GRIPS – NOSE PLIERS – SLAP HAMMERS [ALL MADE OF STAINLESS STEEL]



BI-11-01-0369

Vise Grip Locking Plier 23 cm / 9"



HP-11-01-0370

Vise Grip Locking Plier 20.5 cm / 8"



BI-11-01-0371

Vise Grip Locking Plier 18 cm / 7"



BI-11-01-0372

Needle Nose Locking Plier 30 cm / 12"



BI-11-01-0373

Needle Nose Locking Plier 25.5 cm / 10"



BI-11-01-0374

Needle Nose Locking Plier 22 cm / 8.5"



BI-11-01-0375

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



Max 1.6mm Cutting Capacity

BI-11-01-0376

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



BI-11-01-0377

Long Nose Plier 22 cm / 8 1/4"



BI-11-01-0378

Vise Grip 20.5 cm / 8" Stainless Steel

VICE GRIPS – NOSE PLIERS – SLAP HAMMERS [ALL MADE OF STAINLESS STEEL]



BI-11-01-0379

Regular Jaw Locking Plier

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



BI-11-01-0380

Needle Nose Locking Plier

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



BI-11-01-0381

SLAP HAMMER w/ Threaded Shaft Head



BI-11-01-0382

SLAP HAMMER w/ Hexa Shaft Head



BI-11-01-0383

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



BI-11-01-0385

Flat Nose Plier 13.5 cm / 5 ¼"



BI-11-01-0384

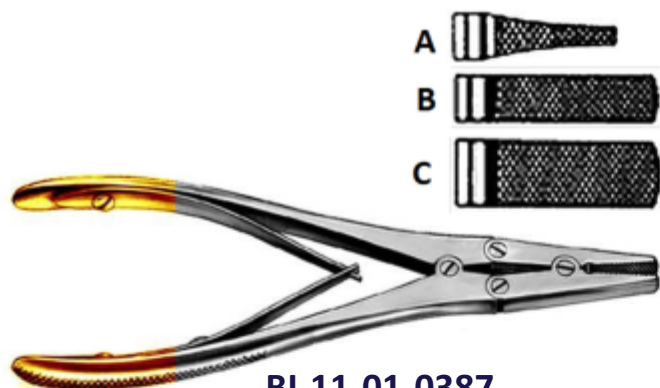
Round / Flat Nose Pliers 18 cm / 7"



BI-11-01-0386

Hackstock Flat Nose Pliers 16 cm / 6 ¼"

NOSE PLIERS – PULLING FORCEPS – WIRE CUTTERS



BI-11-01-0387

Flat Nose Pliers 18 cm / 7" Parallel Grip



BI-11-01-0388

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



BI-11-01-0389

Flat Nose Pliers 17.5 cm / 7"



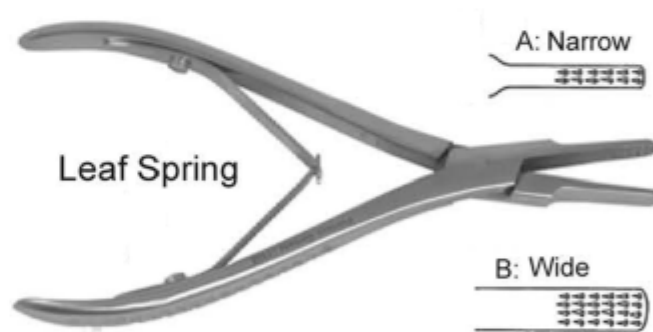
BI-11-01-0390

Flat Nose Pliers Pointed 19.5 cm / 7 ¾"



BI-11-01-0391

Platypus Nail Pulling Forceps 15.5 cm / 6 ¼"



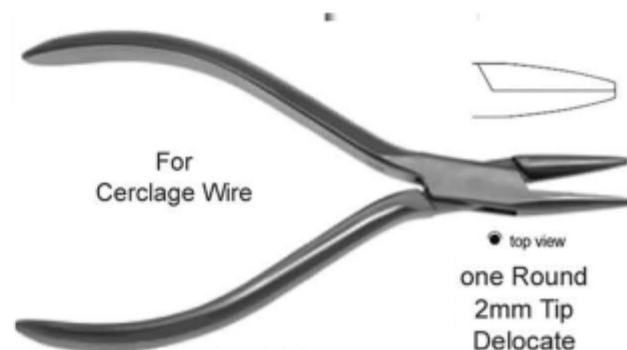
BI-11-01-0392

Platypus Nail Pulling Forceps 15.5 cm / 6 ¼"



BI-11-01-0393

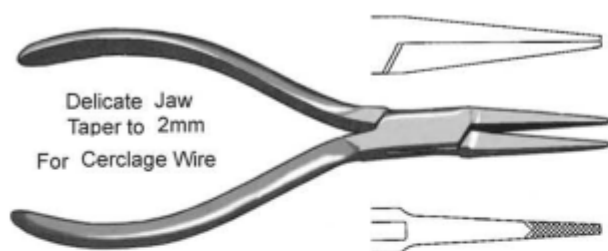
Round Nose Pliers 15.5 cm / 6 ¼"



BI-11-01-0394

Needle Nose Pliers 15.5 cm / 6 ¼"

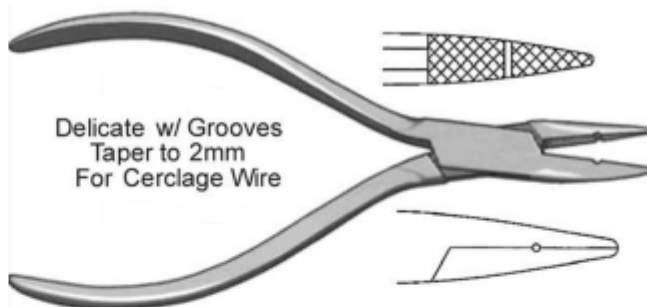
NOSE PLIERS – PULLING FORCEPS – WIRE CUTTERS



Delicate Jaw
Taper to 2mm
For Cerclage Wire

BI-11-01-0395

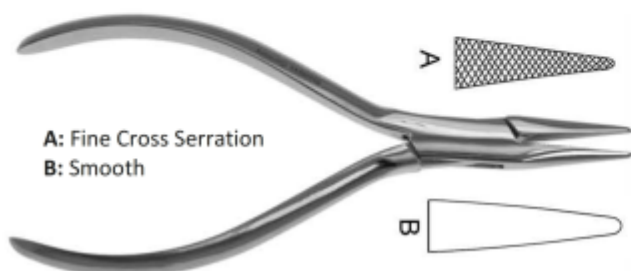
Flat Nose Pliers 15 cm / 6"



Delicate w/ Grooves
Taper to 2mm
For Cerclage Wire

BI-11-01-0396

Needle Nose Pliers 13.5 cm / 5 1/4"



A: Fine Cross Serration
B: Smooth

BI-11-01-0397

Needle Nose Pliers Taper to 2mm Tip 14 cm / 5 1/2"



Soft wires up to 2.4mm
Hard wires up to 1.8mm

BI-11-01-0398

Wire Cutting Pliers 18.5 cm / 7 1/4"



BI-11-01-0399

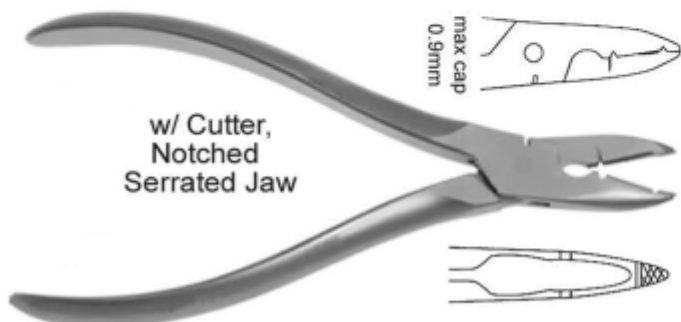
Martin "Diamant" 16cm / 6 1/4"



Delicate w/ Grooves
Taper to 2mm
For Cerclage Wire

BI-11-01-0400

Circlage Pliers / Cutter 14 cm / 5 1/2"

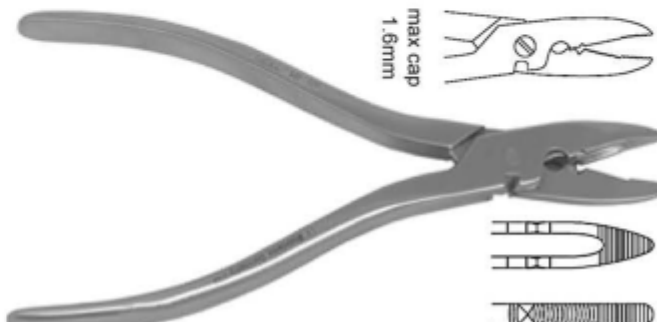


w/ Cutter,
Notched
Serrated Jaw

max cap
0.9mm

BI-11-01-0401

Wire Bending Pliers 20 cm / 8"



max cap
1.6mm

BI-11-01-0402

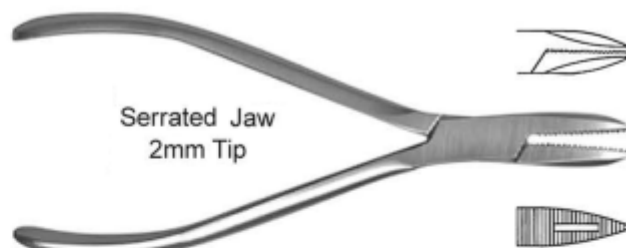
Wire Bending Pliers 15 cm / 6"

NOSE PLIERS – PULLING FORCEPS – WIRE CUTTERS



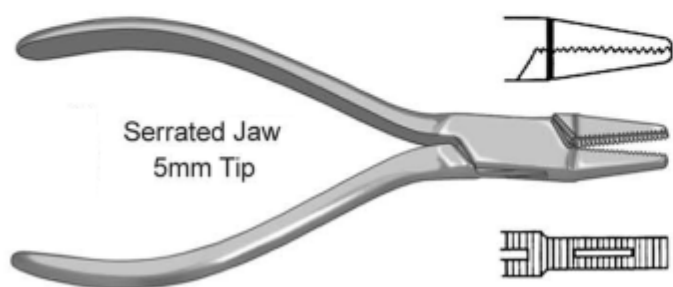
BI-11-01-0403

Wire Bending Pliers TC 20 cm / 8"



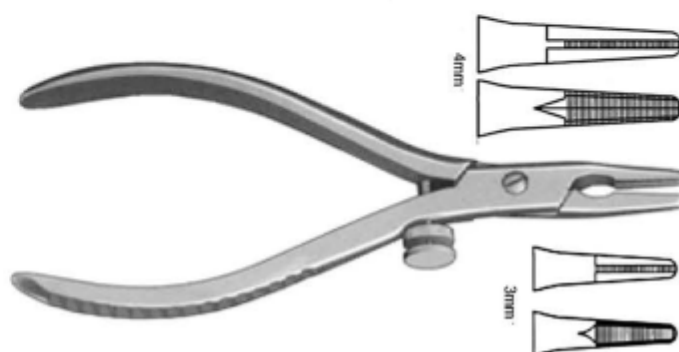
BI-11-01-0404

Needle Nose Pliers 15 cm / 6"



BI-11-01-0405

Flat Nose Pliers 14 cm / 5 1/2"



BI-11-01-0406

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



BI-11-01-0407

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



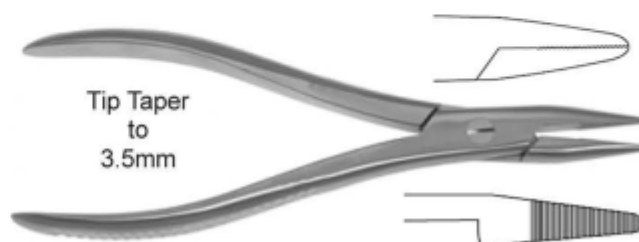
BI-11-01-0408

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



BI-11-01-0409

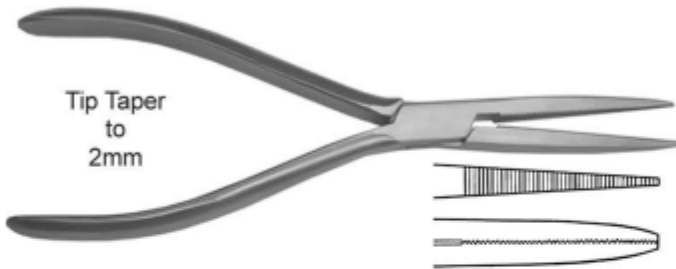
Flat Nose Pliers w/ Cutter for Cerclage Wire 16 cm / 6 1/2"



BI-11-01-0410

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

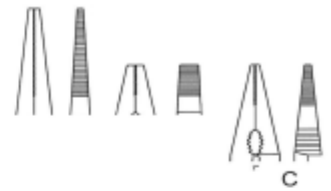
PLIERS – BENDERS – ROD INSTRUMENTS



BI-11-01-0411

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

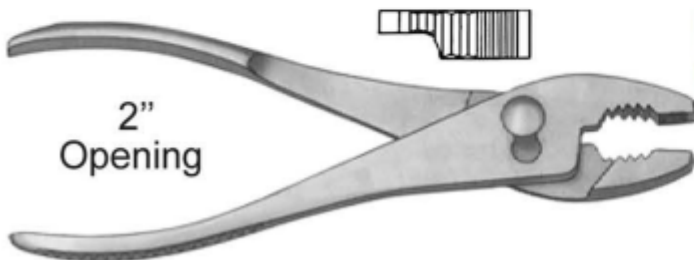
A: 17.5 cm / 7" Needle Nose 2" Jaw
B: 16 cm / 6 ½" Square 7mm Jaw
C: 18 cm / 7" Tape to 2mm Tip



BI-11-01-0412

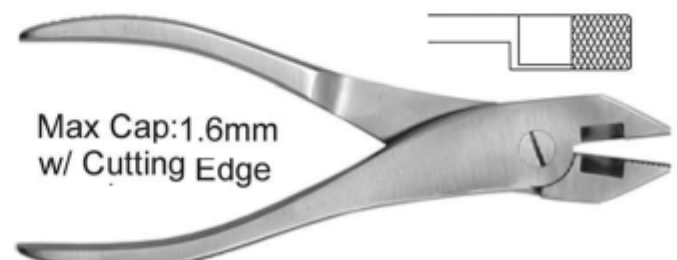
UNIVERSAL Pliers

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



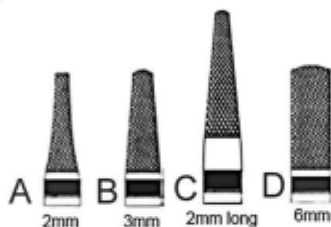
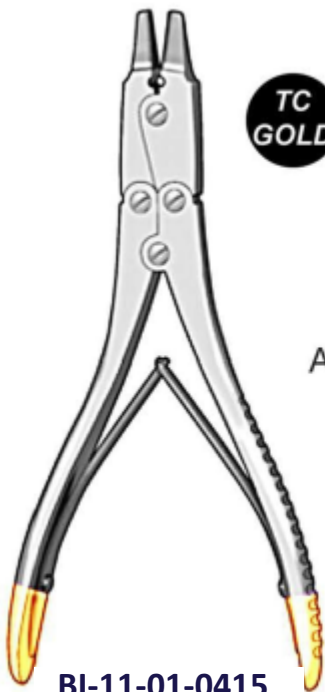
BI-11-01-0413

Slip Joint Pliers 20 cm / 8"



BI-11-01-0414

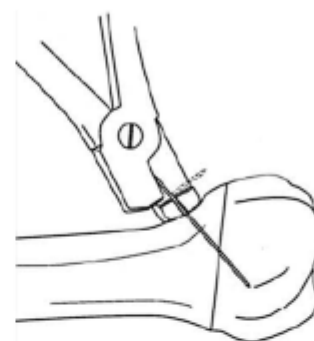
Lineman Pliers 21 cm / 8 ½"



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

BI-11-01-0415

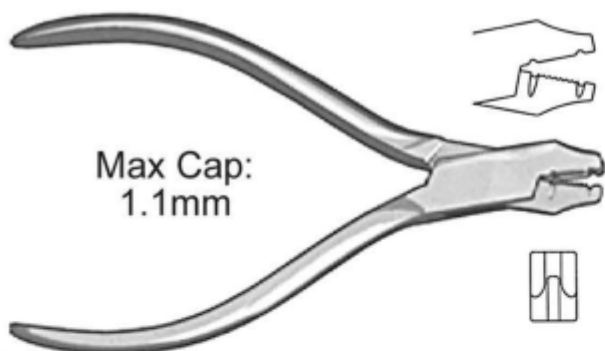
Double Action Wire Extraction Plier
18 cm / 7"



BI-11-01-0416

Gratloch Wire Bender
19 cm / 7 ½"

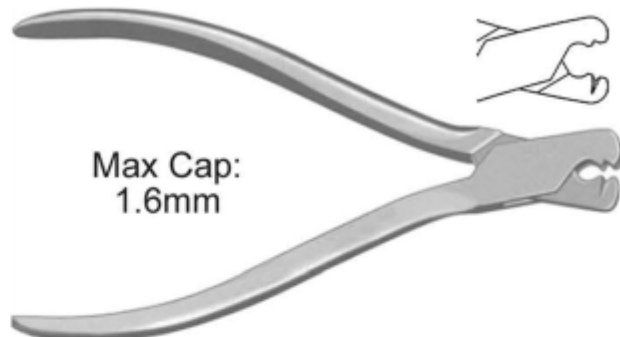




Max Cap:
1.1mm

BI-11-01-0417

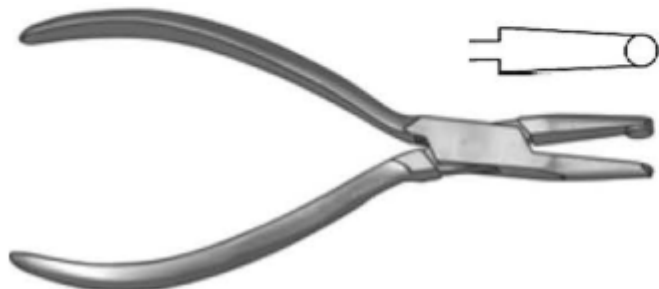
K-Wire / Plate Bender 13.5cm / 5"



Max Cap:
1.6mm

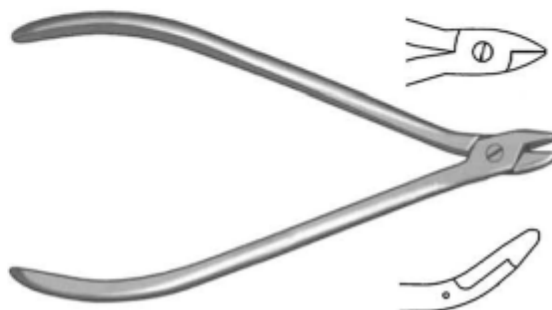
BI-11-01-0418

K-Wire / Plate Bender 14.5 cm / 5 ½"



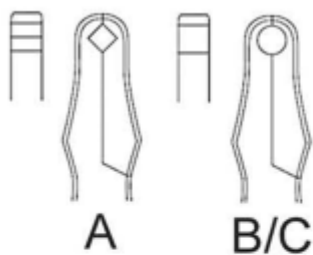
BI-11-01-0419

Mini Plate Bending Pliers 13.5 cm / 5"



BI-11-01-0420

Plate Bending Pliers 14.5 cm / 5 ½"



A: 5.5mm Rods Prism

B: 5.5mm Rods

C: 6.35mm Rods

BI-11-01-0421

Rod Holder STR 25 cm / 10"

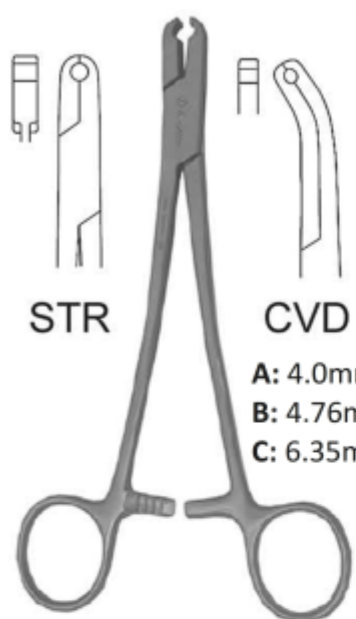


BI-11-01-0422

Rod Gripper Adjustable
21 cm / 8 ½"



WIRE INSTRUMENTS – EXTENSION BOWS



STR

CVD

A: 4.0mm Rod
B: 4.76mm Rod
C: 6.35mm Rod

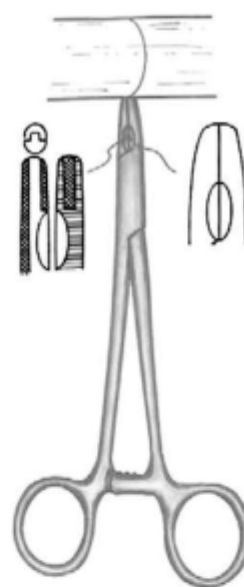
BI-11-01-0423

Rod Holder 18 cm / 7 ¼"



BI-11-01-0424

Wire Pulling Forceps 16 cm / 6 ½"



BI-11-01-0425

Wire Twister / Tightner 16cm / 6 ¼"



BI-11-01-0426

Loure Wire Tightener 21 cm / 8 ¼"



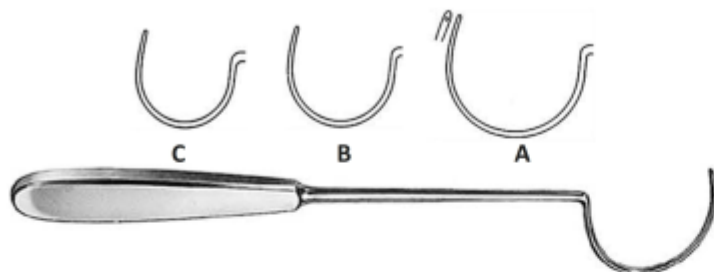
BI-11-01-0427

Wire Tightener 12 cm / 4 ¾"



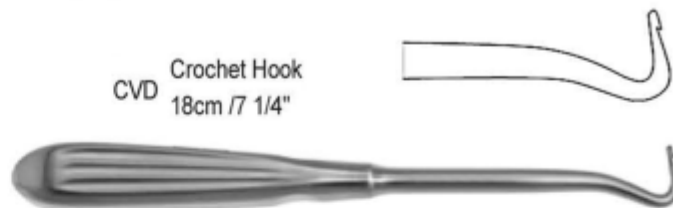
BI-11-01-0428

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



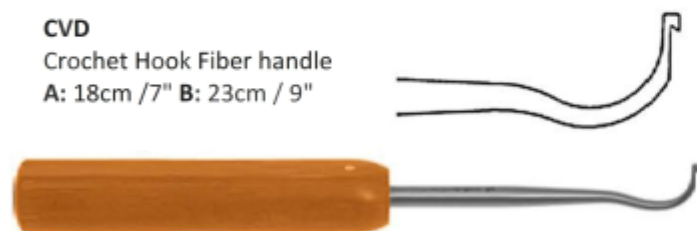
A: 31 cm / 12 ¼"
B: 29 cm / 11 ½"
C: 28 cm / 11"

BI-11-01-0429
Demel Wire Guide



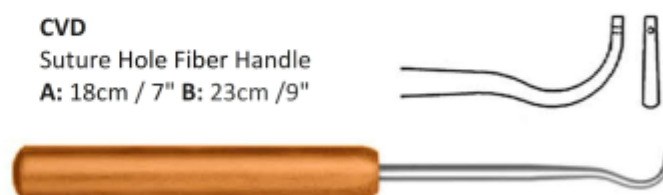
CVD Crochet Hook
18cm / 7 1/4"

BI-11-01-0430
Bankert Ligature Carrier



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

BI-11-01-0431
Suture Passer



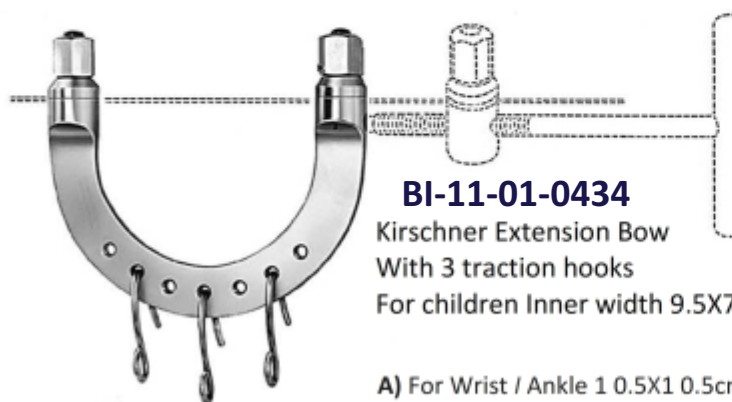
CVD
Suture Hole Fiber Handle
A: 18cm / 7" B: 23cm / 9"

BI-11-01-0432
Suture Passer



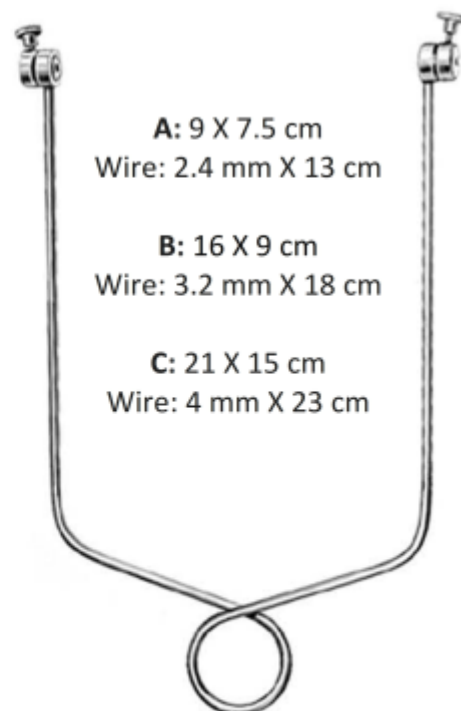
Suture Hole
20cm / 8"
A: Right Blunt
B: Left Blunt
C: Right Sharp
D: Left Sharp

BI-11-01-0433
Deschamps Ligature Carrier



BI-11-01-0434
Kirschner Extension Bow
With 3 traction hooks
For children Inner width 9.5X7cm

A) For Wrist / Ankle 1.05X1.05cm
B) For Elbow 12X12cm
C) For Knee 15.5X15.5cm
D) For Femur 20X15.5cm



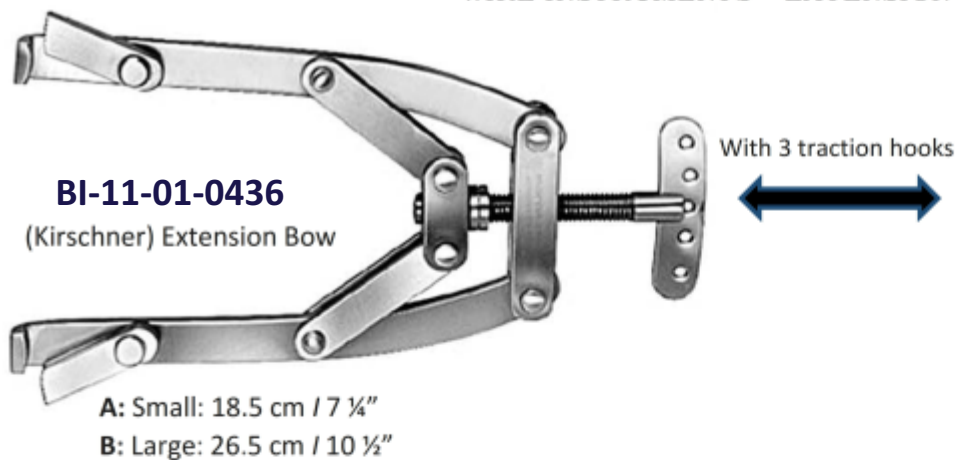
A: 9 X 7.5 cm
Wire: 2.4 mm X 13 cm

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

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

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

WIRE INSTRUMENTS – EXTENSION BOWS



**Traction Hook
For Extension Bows**



BI-11-01-0437
Extension Bow
A: 10 1/2" X 6 1/4"
B: 7" X 4"



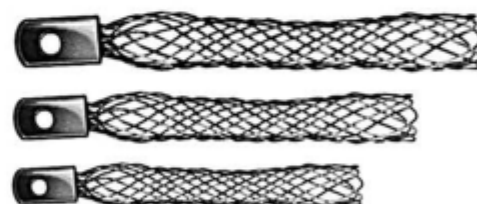
BI-11-01-0438
Wire Strainer 18.5 cm / 7 1/4"



BI-11-01-0439
Wrench 20 cm / 8"



BI-11-01-0440
Fixation Discs
For wire drills, pair



BI-11-01-0441
Extension Sleeve
Small / Medium / Large

RING CUTTERS – LEAD HANDS – BIOPSY TOOLS



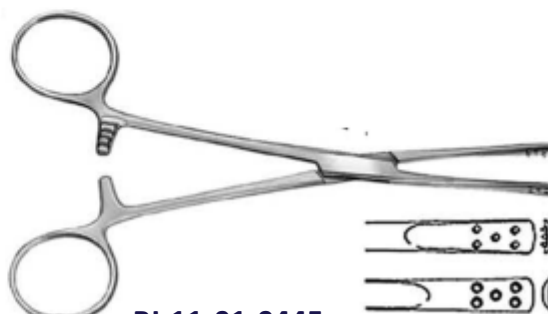
BI-11-01-0442
Martin-Ideal
Finger Nail Drill



BI-11-01-0443
Feldheim Tourniquet 10 cm / 4"



BI-11-01-0444
Radolf Nail Extracting Forceps
14 cm / 5 ½"



BI-11-01-0445
Nail Extracting Forceps 16 cm / 6 ¼"



BI-11-01-0446
Martin Finger Ring Saw 18.5 cm / 6 ¾"
Spare Blades are Available Separately



BI-11-01-0447
Walton Finger Ring Saw 16cm / 6 ¼"
Spare Blades are Available Separately



BI-11-01-0448
Finger Ring Saw 17cm / 6 ¾"
Spare Blades are Available Separately



BI-11-01-0449
Finger Ring Saw Cutter Spare

RING CUTTERS – LEAD HANDS – BIOPSY TOOLS



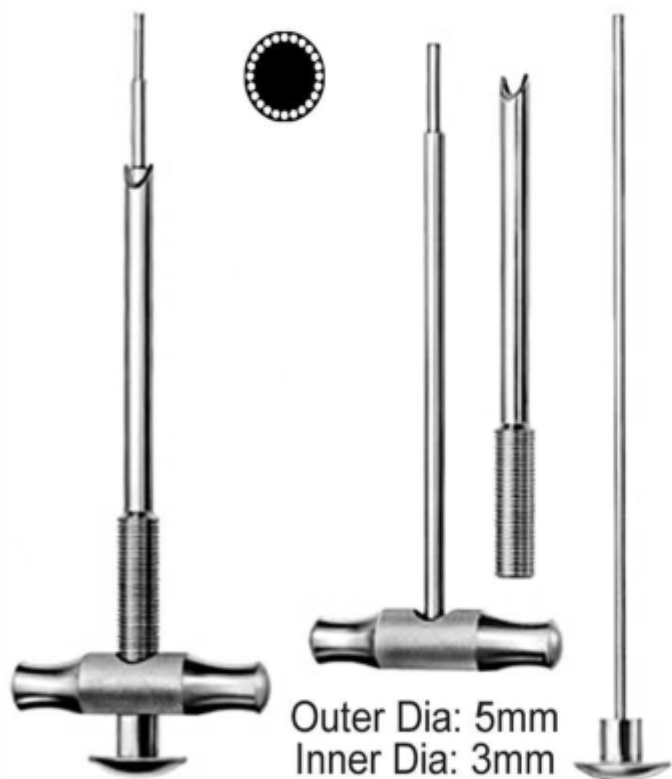
BI-11-01-0450

Lead Hand for Kids / Adults



BI-11-01-0451

Lead Hand for Kids / Adults



BI-11-01-0452

Champy-OSU Bone Biopsy Instruments
22 cm / 8 ¾"

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



BI-11-01-0453

Champy Bone Biopsy Instruments
22 cm / 8 ¾"

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

BONE TAMPERS – IMPACTORS - PACKERS



BI-11-01-0454

Bone Tamper

15.5 cm / 6" Tip

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



A: 2 mm B: 3 mm C: 4 mm D: 5 mm

E: 6 mm F: 8 mm G: 9 mm H: 10 mm



BI-11-01-0455

Champy Cancellous Bone graft Mill



Outer Dia: 17mm

Inner Dia: 16mm



20mm



BI-11-01-0456

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



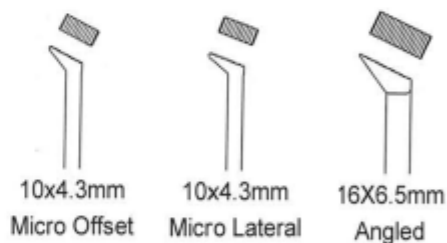
BI-11-01-0457

Caspar Bone Tamper 20 cm / 8"



BI-11-01-0458

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



10x4.3mm

Micro Offset

10x4.3mm

Micro Lateral

16X6.5mm

Angled



BI-11-01-0459

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



12.5x7mm

Std

12.5x7mm

Std Guarded

13x10mm

Wide

13x10mm

Wide Guarded

11.5x6.5mm

Offset

11.5x6.5mm

Narrow

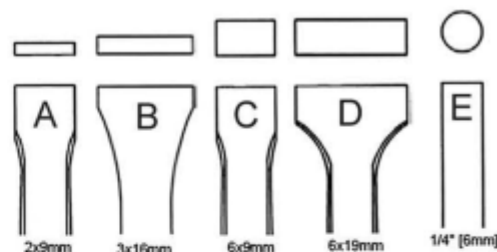
BONE RASPS - FILES



BI-11-01-0460

Bone Chip Packer 25cm / 10"

A: 2x9mm B: 3x16mm
C: 6x9mm D: 6x19mm
E: 6mm Dia



BI-11-01-0461

Bone Tamper 43 cm / 17"



BI-11-01-0462

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



BI-11-01-0463

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



BI-11-01-0464

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



BI-11-01-0465

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



BI-11-01-0466

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



BI-11-01-0467

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



BI-11-01-0468

Bone File Fiber Handle 18cm / 7"



BI-11-01-0469

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



BI-11-01-0470

Bone File 18 cm / 7" Fiber Handle / Linear

BONE RASPS - FILES



BI-11-01-0471A

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



BI-11-01-0471B

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



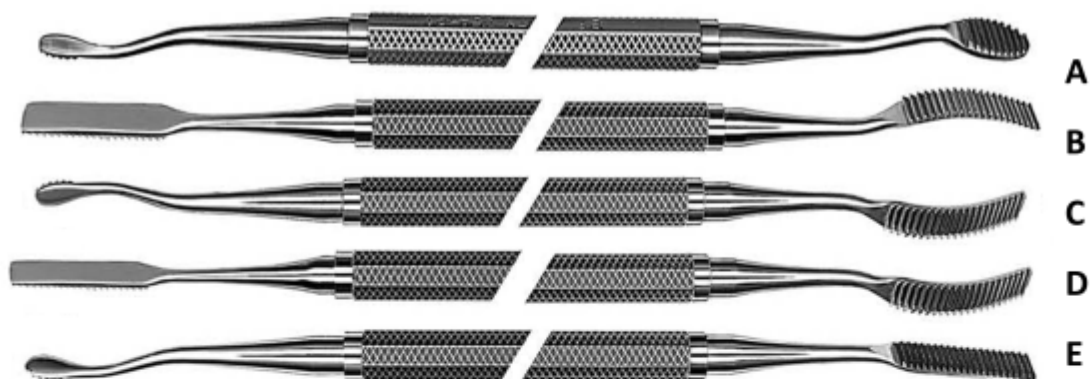
BI-11-01-0472A

Bipolar Bone Rasp w / Rod

BI-11-01-0472B

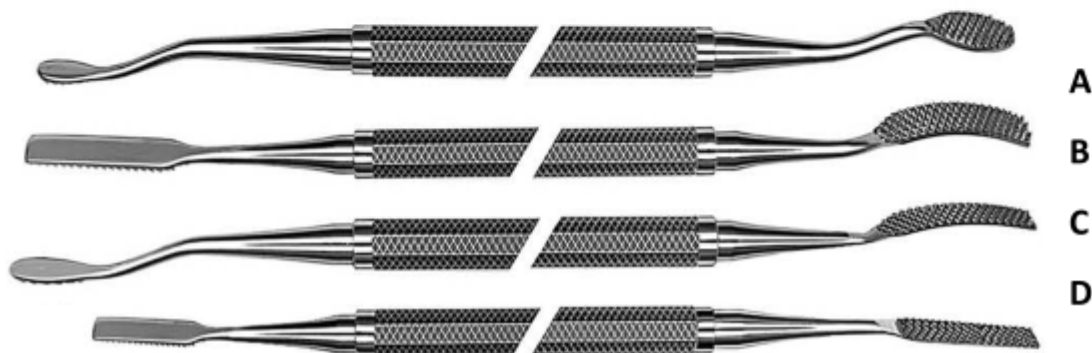
Femoral Bone Rasp w / Rod

A: Small B: Medium C: Large



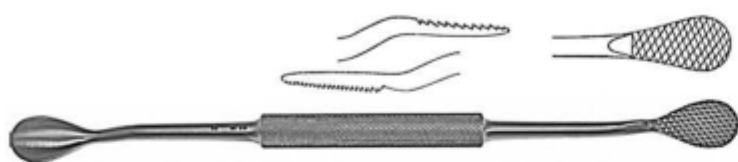
BI-11-01-0473

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



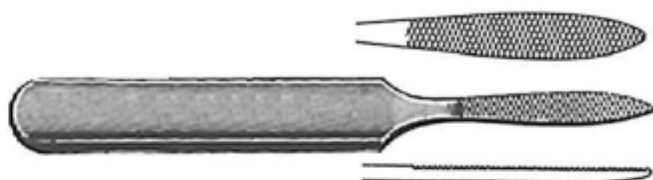
BI-11-01-0474

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



BI-11-01-0475

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



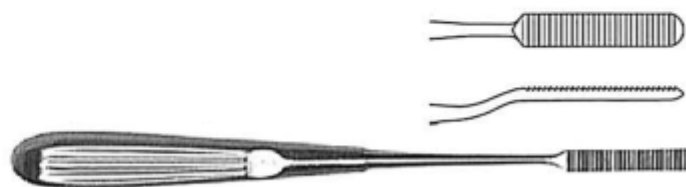
BI-11-01-0476

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



BI-11-01-0477

Bone Rasp Lewis
19 cm / 7.5" 8mm



BI-11-01-0478

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

BONE RASPS - FILES



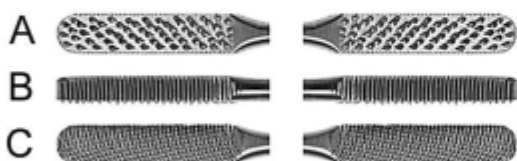
BI-11-01-0479

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



BI-11-01-0480

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



BI-11-01-0481

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



BI-11-01-0482

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



BI-11-01-0483

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



BI-11-01-0484

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

BONE LEVERS - RETRACTORS



BI-11-01-0485
Bone Lever 16 cm / 6 1/4"



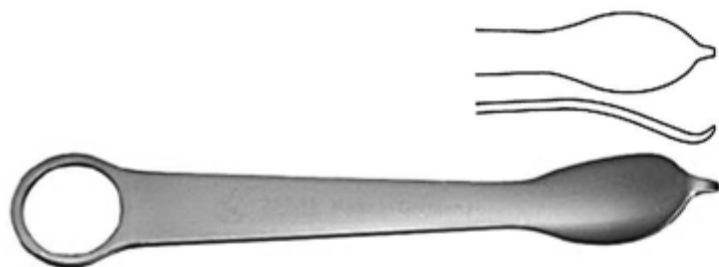
BI-11-01-0486
Hohman, Mini Bone Lever 16 cm / 6 1/4" 6 mm tip



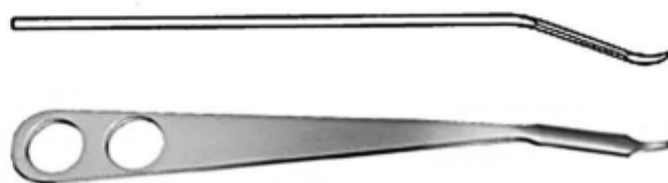
BI-11-01-0487
Hohman, Mini Bone Lever 16 cm / 6 1/4" 8 mm tip



BI-11-01-0488
Mini Bone Lever 16 cm / 6 1/4" 14 mm tip



BI-11-01-0489
Hohman, Mini Bone Lever 12 cm / 4 3/4" 14 mm tip



BI-11-01-0490
Hohmann Bone Lever 22 cm / 8 3/4" 8 mm Tip narrow tip



BI-11-01-0491
Hohmann Bone Lever 23.5 cm / 9 1/4" 18 mm Tip narrow tip



BI-11-01-0492
Hohmann Bone Lever 23.5 cm / 9 1/4" 43 mm Tip narrow tip

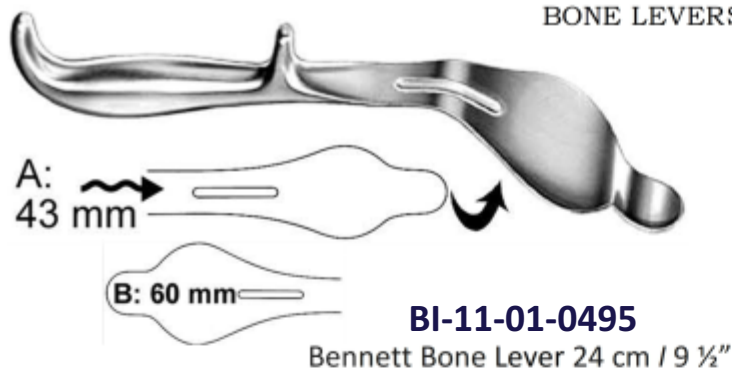


BI-11-01-0493
Hohmann Bone Lever 29 cm / 11 1/2" 35mm Tip wide tip



BI-11-01-0494
Lange-Hohmann Bone Lever 25 cm / 9 3/4" 22mm Tip
Wide tip with groove

BONE LEVERS - RETRACTORS



BI-11-01-0496
Hohmann Bone Lever 27.5 cm / 10 3/4"
24mm Tip wide, round tip



BI-11-01-0497
Hohmann Bone Lever 25 cm / 9 3/4" 70 mm Tip narrow tip



BI-11-01-0498
Blount Knee Retractor 26.5 cm / 10 1/2" blunt



BI-11-01-0499
Hohmann Bone Lever 23.5 cm / 9 1/4" 43mm Tip narrow tip



BI-11-01-0500
Blount Knee Retractor 26.5 cm / 10 1/2"



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

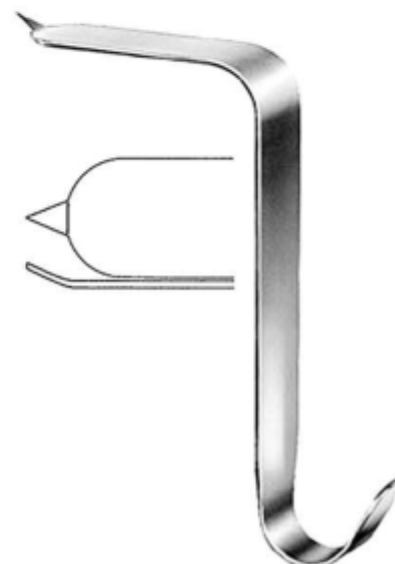


BI-11-01-0502
Blount Knee Retractor 17.5 cm / 7"



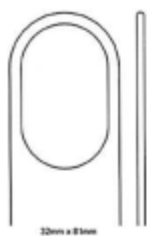
Sizes Available:

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



11-01-0503
Taylor Spinal
Retractor
16 cm / 6 1/4"
Pointed end

BONE LEVERS - RETRACTORS



BI-11-01-0504

Fukuda Retractor

19 cm / 7 ½"

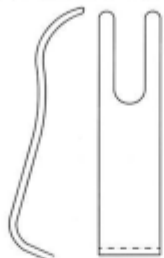
T-Handle

A: 32X81mm

B: 38X81mm



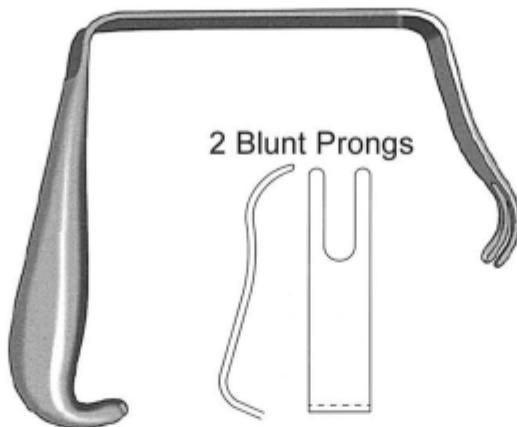
2 Blunt Prongs



BI-11-01-0505

Bristow / Bankart Humeral Retractor

18 cm / 7"



Medium Blade:
57 / 69mm Deep
11mm Wide

Large Blade:
63 / 76mm Deep
11mm Wide



BI-11-01-0506

Z Knee Retractor 15 cm / 6"



BI-11-01-0507

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

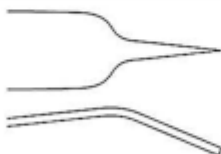


2 Blunt Prongs

BI-11-01-0508

Humeral Head Retractor 18 cm / 7" Strong Curved

22 mm Blade
1 Sharp Prong



BI-11-01-0509

Capsule Retractor 25 cm / 10"

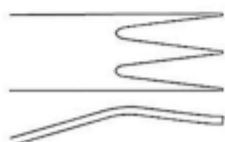
22 mm Blade
2 Sharp Prong



BI-11-01-0510

Capsule Retractor 25 cm / 10"

3 Sharp Prongs



BI-11-01-0511

Capsule Retractor 25 cm / 10"

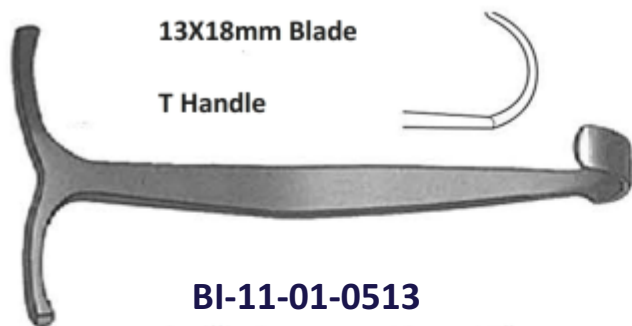
Soft Tissue Retractor
3 Blunt Prong

22mm
Blade



BI-11-01-0512

Bristow / Bankart 19 cm / 7 ½"



13X18mm Blade

T Handle

BI-11-01-0513

Smillie Retractor 13 cm / 5"



13X55 mm Blade

T Handle

BI-11-01-0514

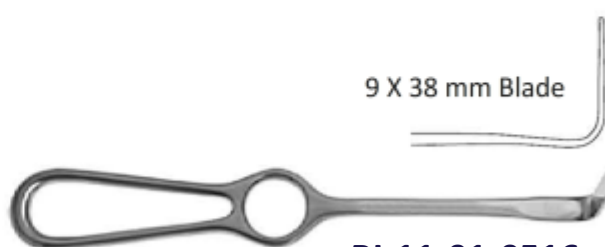
Smillie Retractor 14 cm / 5 ½"



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

BI-11-01-0515

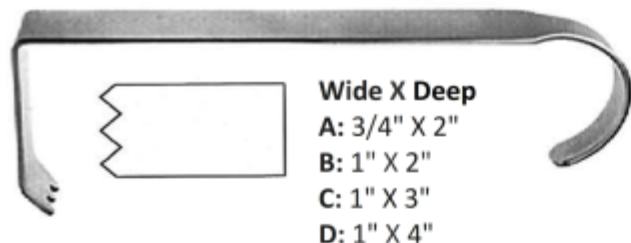
Smillie Retractor Angled Blade 14cm / 5 ½"



9 X 38 mm Blade

BI-11-01-0516

Knee Retractor 22 cm / 8 ½" Ring Handle



Wide X Deep

A: 3/4" X 2"

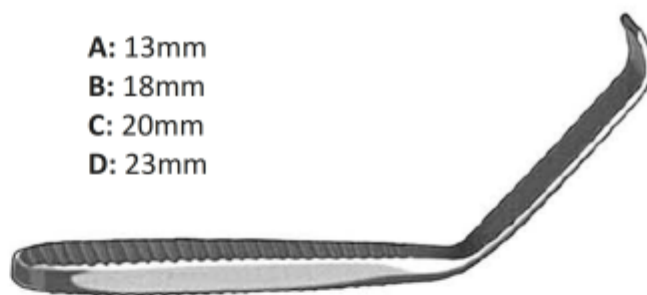
B: 1" X 2"

C: 1" X 3"

D: 1" X 4"

BI-11-01-0517

Hibbs Retractor 24 cm / 9 ½" Sharp Teeth



A: 13mm

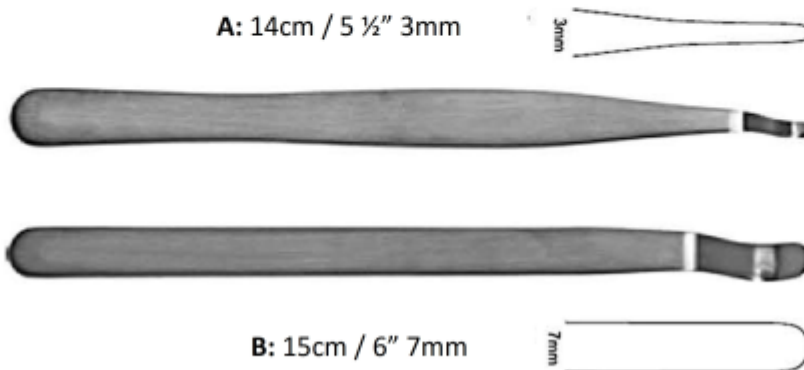
B: 18mm

C: 20mm

D: 23mm

BI-11-01-0518

Blade Retractor 19 cm / 7 ½"



A: 14cm / 5 ½" 3mm

3mm

B: 15cm / 6" 7mm

7mm

BI-11-01-0519

Hayes Retractor

BI-11-01-0520

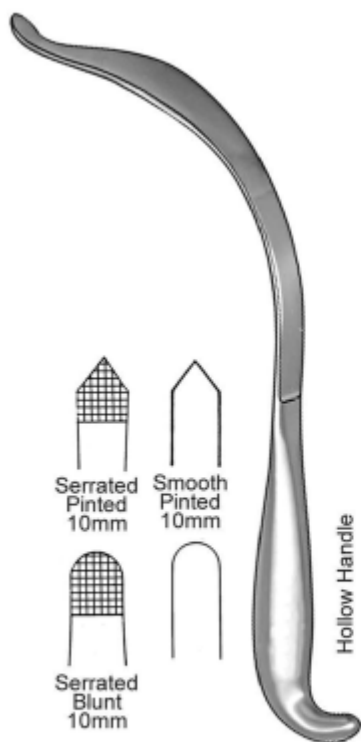
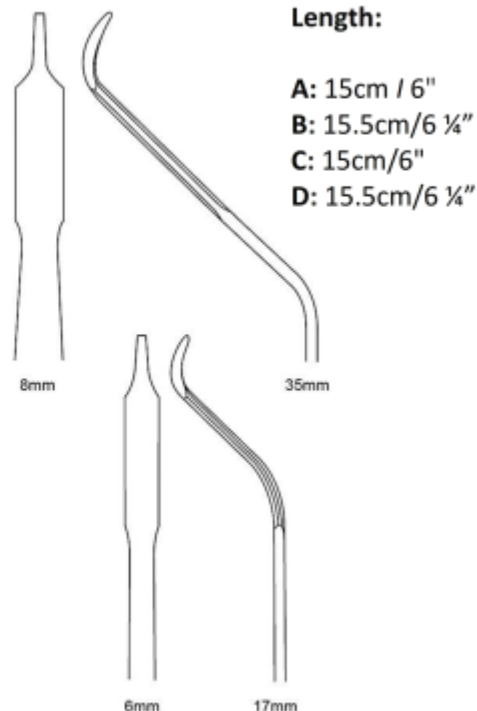
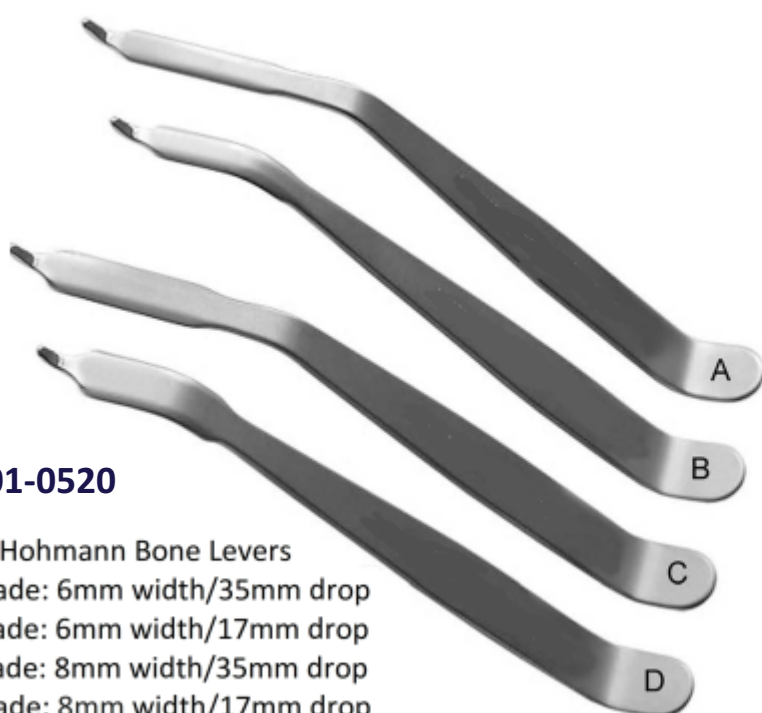
Mini Hohmann Bone Levers

A: Blade: 6mm width/35mm drop

B: Blade: 6mm width/17mm drop

C: Blade: 8mm width/35mm drop

D: Blade: 8mm width/17mm drop



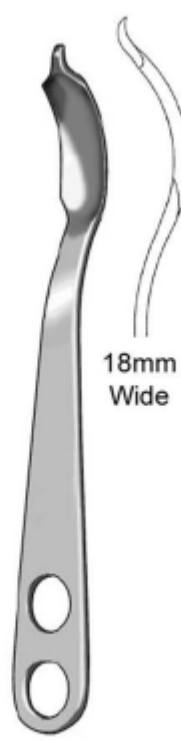
BI-11-01-0521

Aufranc Cobra Retractor
26 cm / 10 1/2"



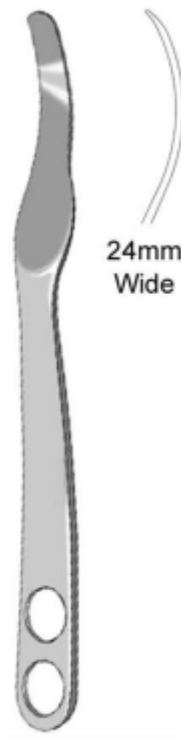
BI-11-01-0522

Aufranc Cobra Retractor
27.5cm / 11"



BI-11-01-0523

Humeral Head Retractor
23 cm / 9"



BI-11-01-0524

Pelvic Retractor Single Prong
26 cm / 10 1/2"

BONE LEVERS - RETRACTORS



BI-11-01-0525

Ribbon Retractor Malleable
30 cm / 12"

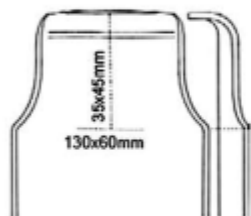
AVAILABLE SIZES:

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 1/2" X 25mm	K: 13" X 19mm	Q: 13" X 75mm
F: 8" X 6mm	L: 13" X 30mm	

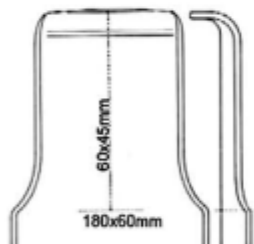


BI-11-01-0526

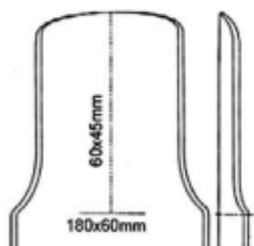
Murphy Bone Skid
30 cm / 12"



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



B: 33cm / 13" With Lip



C: 33cm / 13" Without Lip



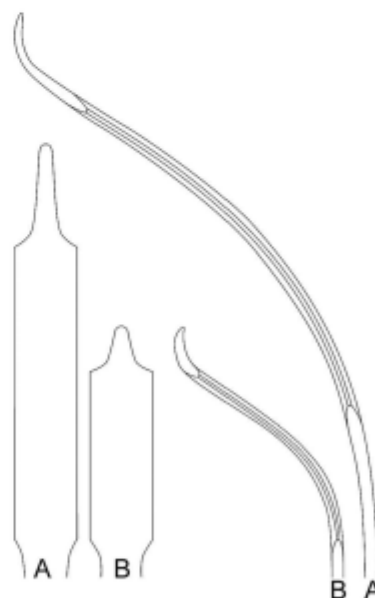
BI-11-01-0527

St. Mark's Pelvic Retractor
Angled Blade

A: 22mm Blade
2 Finger Rings Long Round



B: 22mm Blade
1 Finger Ring Short Round

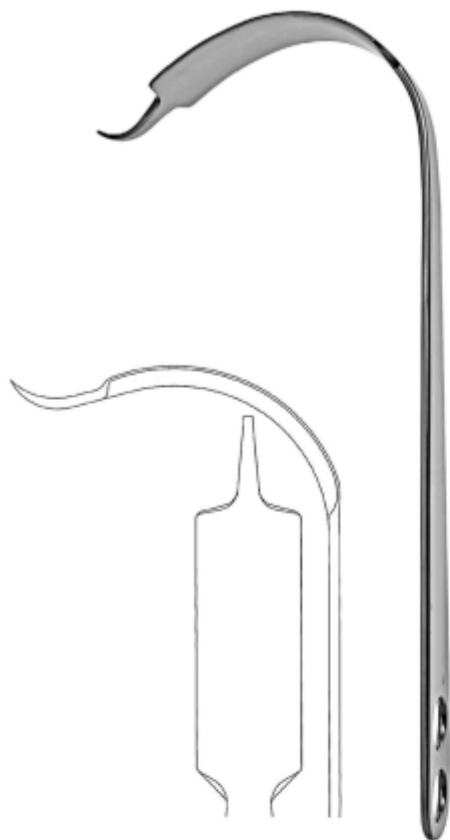


BI-11-01-0528

Hohmann Retractor
40cm / 16"



BONE LEVERS - RETRACTORS



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



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

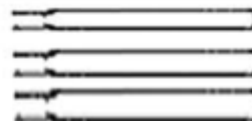
BI-11-01-0531

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

Fig A: 2mm

Fig B: 3mm

Fig C: 4mm



BI-11-01-0532

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

Fig A: 2mm

Fig B: 3mm

Fig C: 4mm



Fig C: 5mm

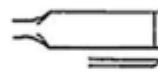


Fig B: 4mm



Fig A: 3mm

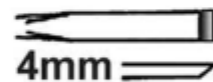


BI-11-01-0533

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

BI-11-01-0534

Bone Chisel 18 cm / 7" Round Handle



BI-11-01-0535

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

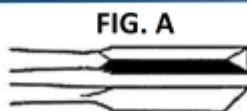
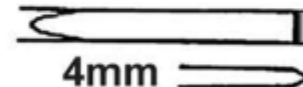


FIG. A

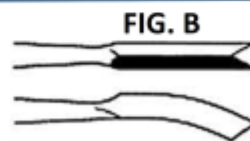


FIG. B

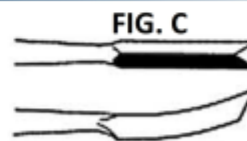


FIG. C



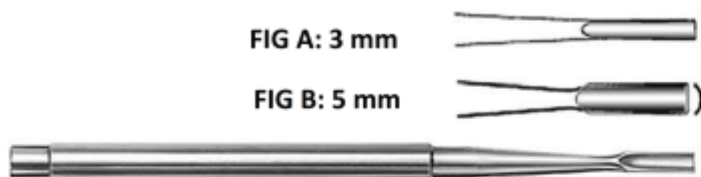
BI-11-01-0536

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

CHISELS - OSTEOTOMES - GOUGES

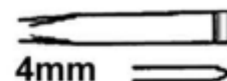
FIG A: 3 mm

FIG B: 5 mm



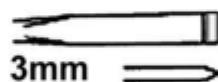
BI-11-01-0537

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



BI-11-01-0538

Bone Chisel 18 cm / 7" Octagonal Handle 4 mm



BI-11-01-0539

Bone Chisel 18 cm / 7" Octagonal Handle 3 mm

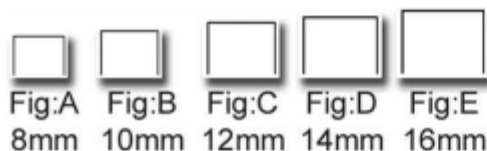


FIG A

FIG B

BI-11-01-0540

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

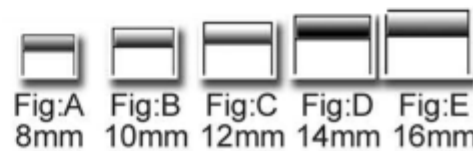


Side View



BI-11-01-0541

Osteotome 13.5 cm / 5 1/4"

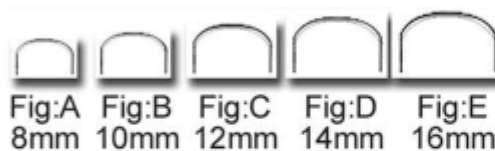


Side View



BI-11-01-0542

Chisel 13.5 cm / 5 1/4"

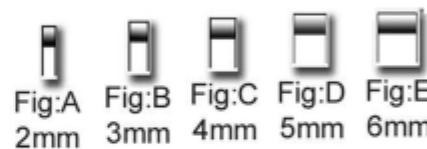


Side View



BI-11-01-0543

Gouge 13.5 cm / 5 1/4"



Side View



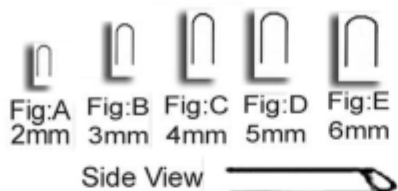
BI-11-01-0544

Partsch Chisel 13.5 cm / 5 1/4"

BI-11-01-0545

Partsch Chisel 17 cm / 6 3/4"

CHISELS - OSTEOTOMES - GOUGES

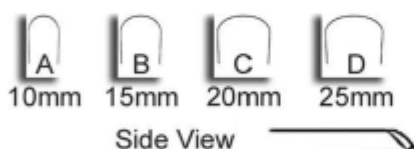


BI-11-01-0546 Partsch Gouge 13.5 cm / 5 1/4"

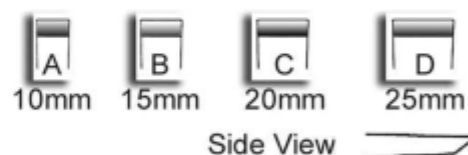
BI-11-01-0547 Partsch Gouge 13.5 cm / 5 1/4"



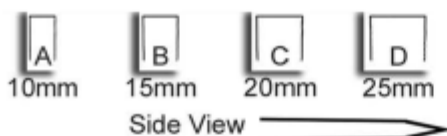
BI-11-01-0548 Alexander Gouge 17.5 cm / 7"



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



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



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

BI-11-01-0555

Lambotte, Osteotome

24 cm / 9 1/2"

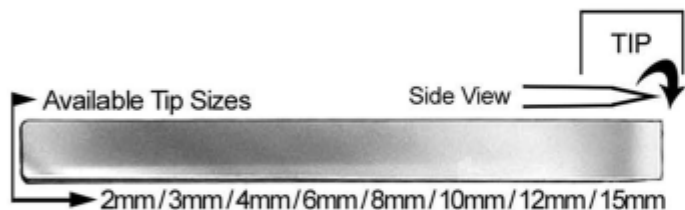
Curved Tip



Side View
Curved Tip

Available in

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

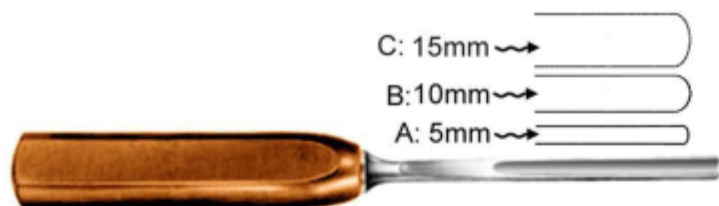


BI-11-01-0552 (12.5 cm / 5") Lambotte, Mini Osteotome

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

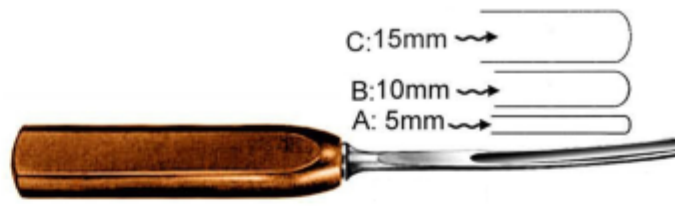
BI-11-01-0554 (24 cm / 9 1/2") Lambotte, Osteotome
15mm / 20mm / 25mm / 30mm / 38mm / 44mm / 50mm

CHISELS - OSTEOTOMES - GOUGES



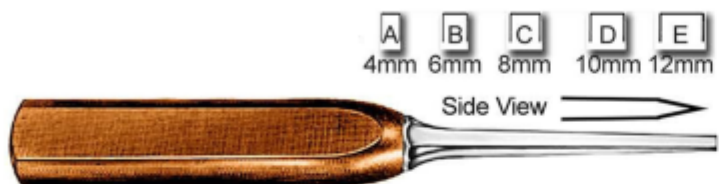
BI-11-01-0556A

Lexers Spongiosa Gouge (25 cm / 9 ¾")



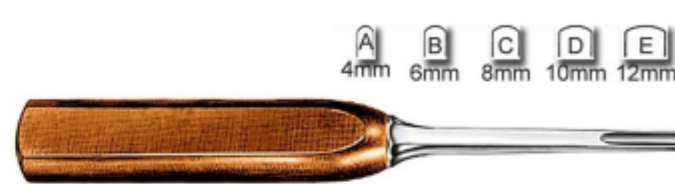
BI-11-01-0556B

Lexers Spongiosa Gouge (25 cm / 9 ¾")



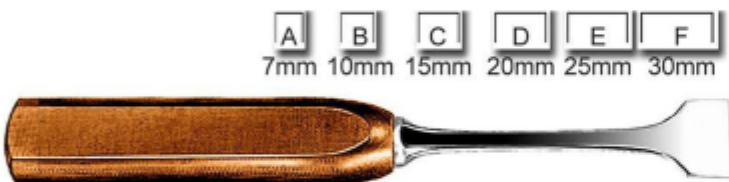
BI-11-01-0557A

Lexers, Mini Osteotome 18.5 cm / 7 ¼"



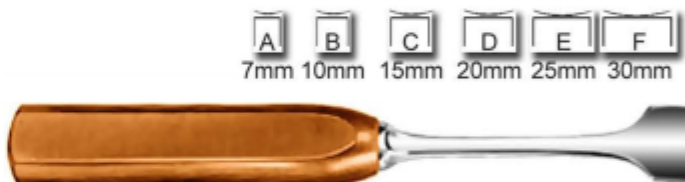
BI-11-01-0557B

Lexers, Mini Osteotome 18.5 cm / 7 ¼"



BI-11-01-0558A

Lexers, Osteotome 22 cm / 8 ¾"



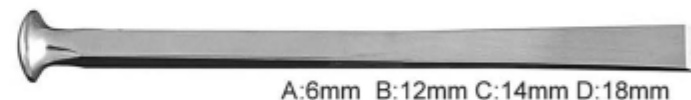
BI-11-01-0558B

Lexers, Osteotome 22 cm / 8 ¾"



BI-11-01-0559

Vickers Spongiosa Gouge 18 cm / 7"



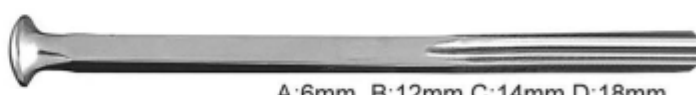
BI-11-01-0560A

US Army Chisel 18 cm / 7"



BI-11-01-0560B

US Army Osteotome 18 cm / 7"



BI-11-01-0560C

US Army Gouge 18 cm / 7"



BI-11-01-0561A

Smith-Petersen Osteotome 20.5 cm / 8" Straight



BI-11-01-0561B

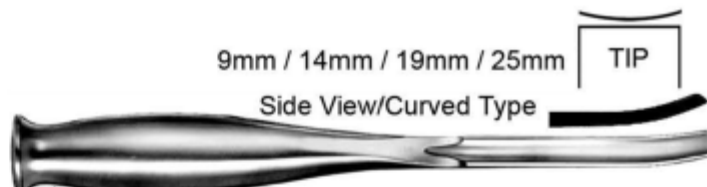
Smith-Petersen Osteotome 20.5 cm / 8" Curved

CHISELS - OSTEOTOMES - GOUGES



BI-11-01-0561C

Smith-Petersen Gouge 20.5 cm / 8" Straight Tip



BI-11-01-0561D

Smith-Petersen Gouge 20.5 cm / 8" Curved Tip



BI-11-01-0562

Hook Osteotome 17 cm / 6 3/4"



BI-11-01-0563A

Hibbs Osteotome 24.5 cm / 9 3/4"



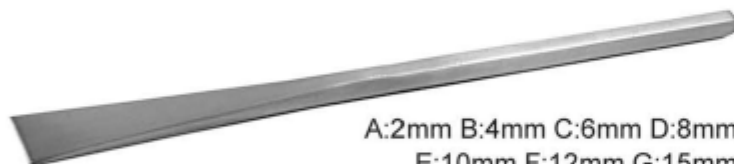
BI-11-01-0563B

Hibbs Chisel 24.5 cm / 9 3/4"



BI-11-01-0563C

Hibbs Gouge 24.5 cm / 9 3/4"



BI-11-01-0564

Sheehan Osteotome 16cm / 6 1/2"



BI-11-01-0565A

Silver Osteotome 18 cm / 7" Straight



BI-11-01-0565B

Silver Osteotome 18 cm / 7" Curved Right



BI-11-01-0565C

Silver Osteotome 18 cm / 7" Curved Left



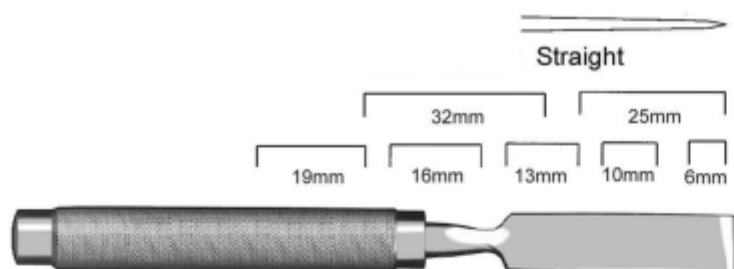
BI-11-01-0566

Shoulder Penetrating Gouge 21 cm / 8 1/2"



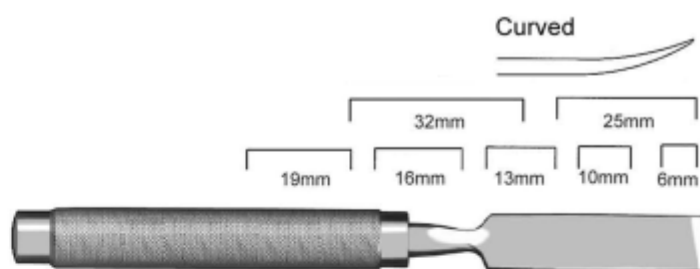
BI-11-01-0567

Swan Neck Gouge 23 cm / 9"



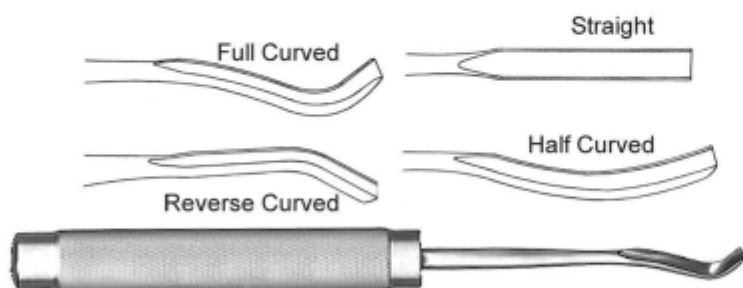
BI-11-01-0568A

Cobb Osteotome 28 cm / 11" Straight



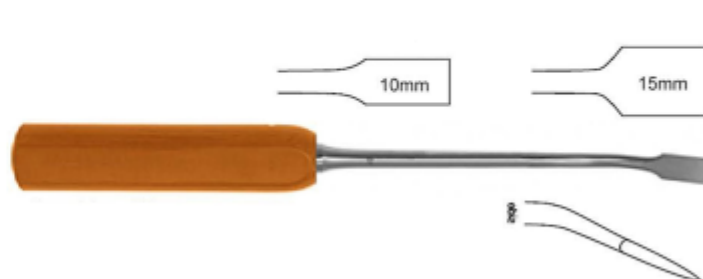
BI-11-01-0568A

Cobb Osteotome 28 cm / 11" Curved



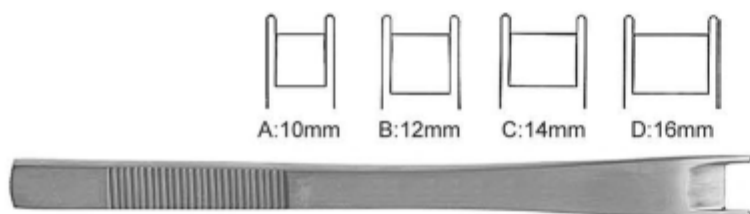
BI-11-01-0569

Cobb Gouge 28 cm / 11"



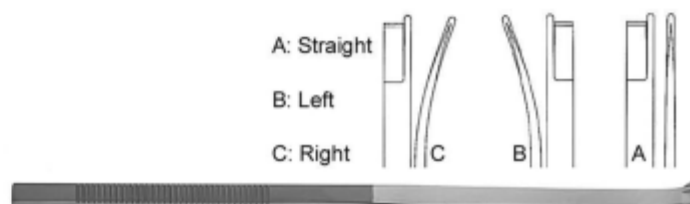
BI-11-01-0570

Lexer Osteotome Angled / 28 cm / 11"



BI-11-01-0571

Cinelli Osteotome 15.5 cm / 6 1/2"

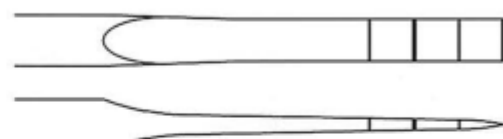


BI-11-01-0572

Anderson Neivert Osteotome 20 cm / 8"

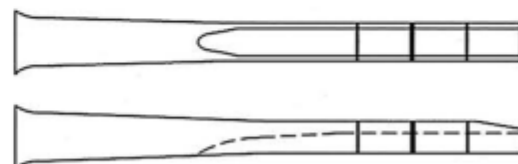
BI-11-01-0573

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



BI-11-01-0574

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

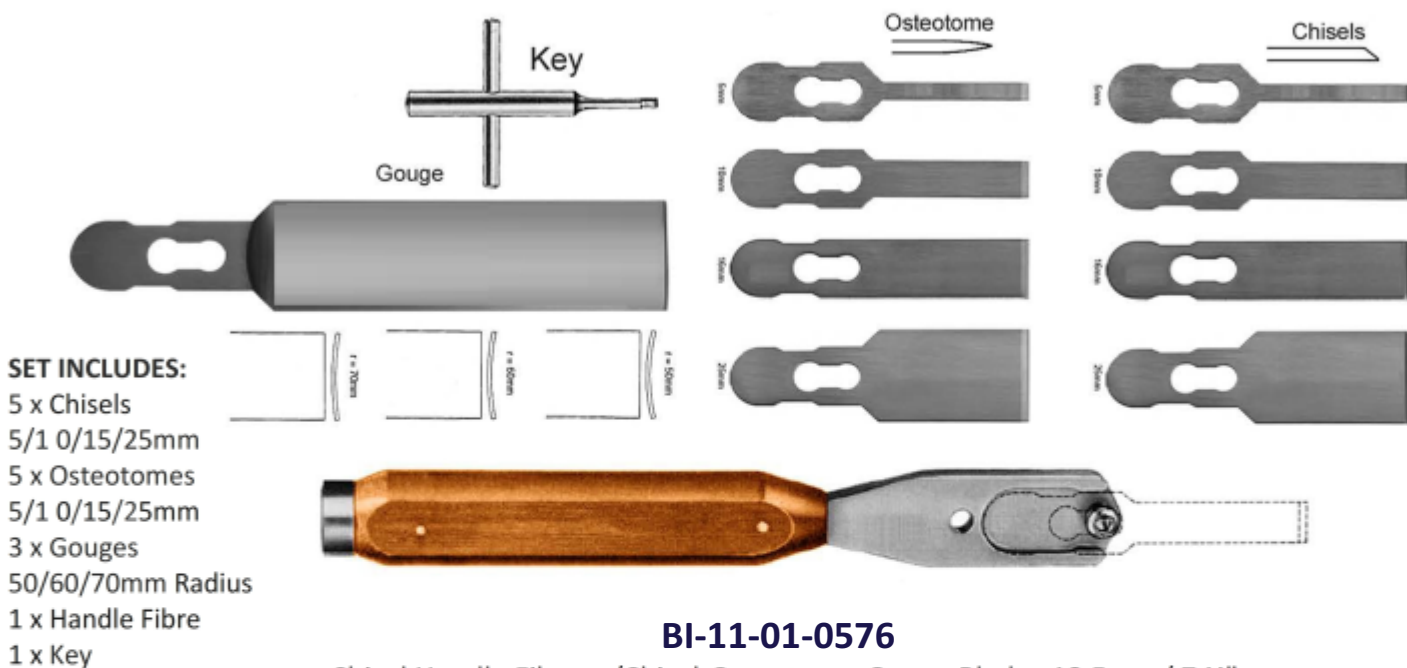


CHISELS - OSTEOTOMES - GOUGES



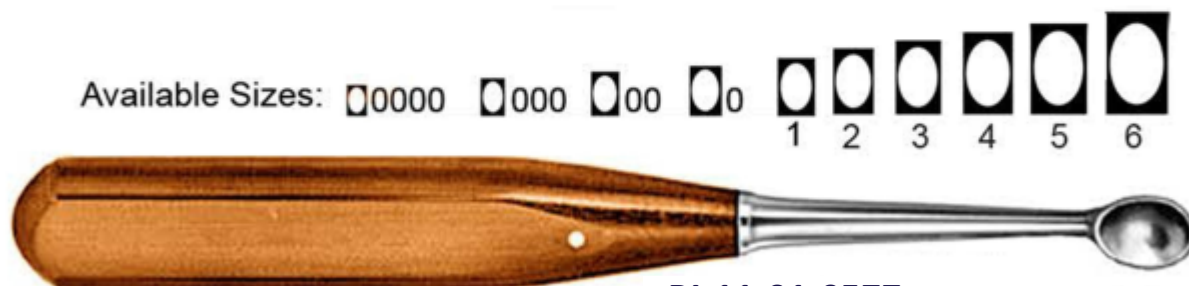
BI-11-01-0575

Spinal Fusion Gouge 24 cm / 9 ½" 6 mm Tip



BI-11-01-0576

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



BI-11-01-0577

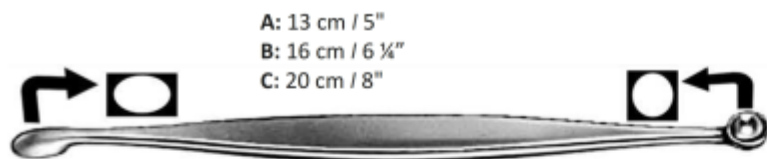
Volkman Bone Curette 18.5 cm / 7 ¼" oval with plastic handle



BI-11-01-0578

Volkman Bone Curette 27.5 cm / 10 ¾" oval with plastic handle

BONE CURETTES



BI-11-01-0579

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



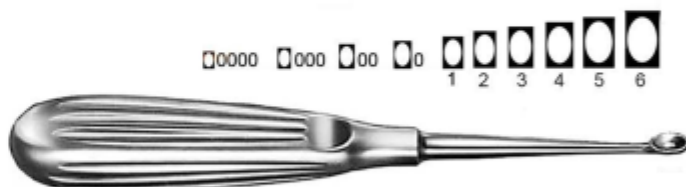
BI-11-01-0580

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



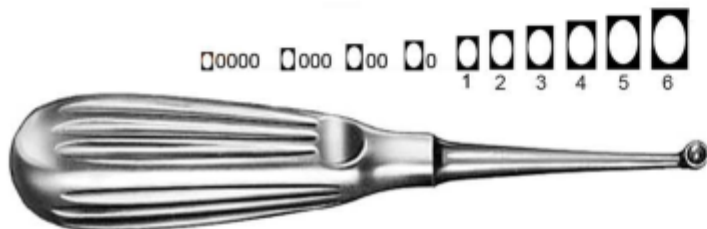
BI-11-01-0581

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



BI-11-01-0582

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



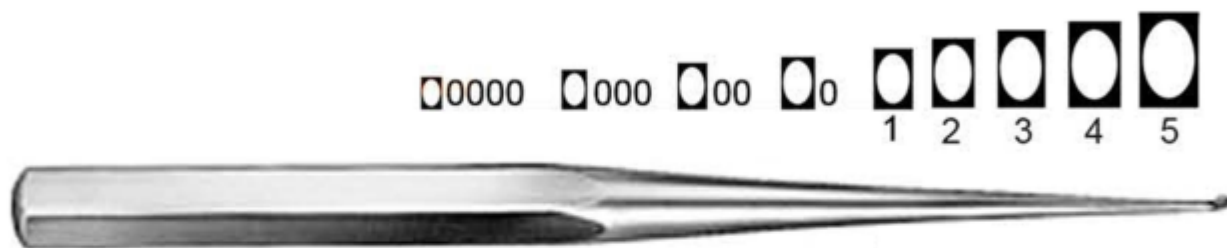
BI-11-01-0583

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



BI-11-01-0584

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



BI-11-01-0585

Bruns Bone Curette 23 cm / 9" oval, solid



BI-11-01-0586

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

BONE CURETTES



BI-11-01-0587

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



BI-11-01-0588

Modell USA Bone Curette 16 cm / 6 1/4" Oval, with hollow handle



BI-11-01-0589

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



BI-11-01-0590

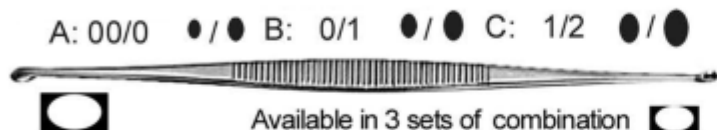
Model USA Bone Curette 15.5 cm / 6" Oval, with hollow handle

BONE CURETTES



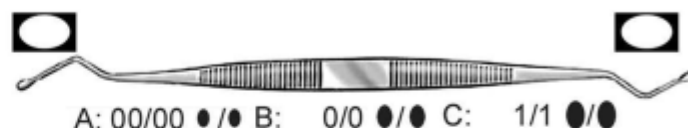
BI-11-01-0591

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



BI-11-01-0592

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



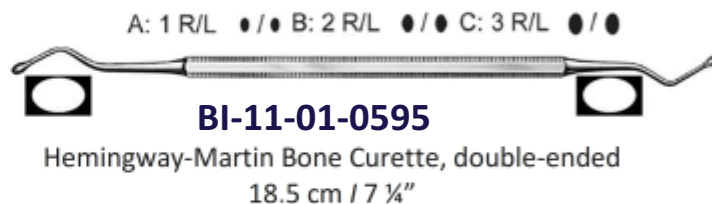
BI-11-01-0593

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



BI-11-01-0594

Volkmann Bone Curette, double-ended



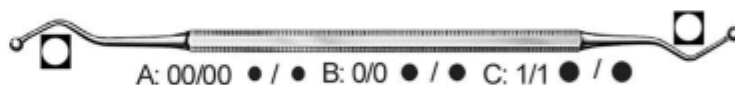
BI-11-01-0595

Hemingway-Martin Bone Curette, double-ended
18.5 cm / 7 1/4"



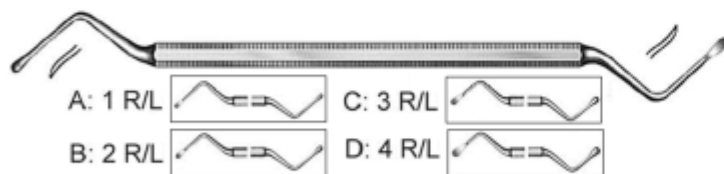
BI-11-01-0596

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



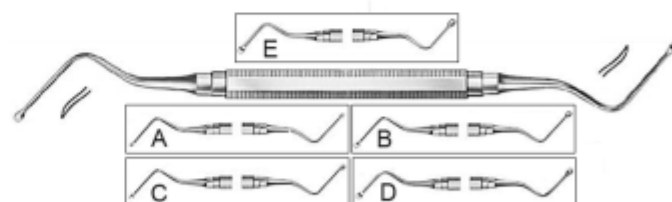
BI-11-01-0597

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



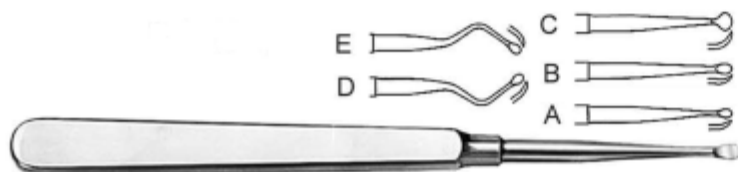
BI-11-01-0598

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



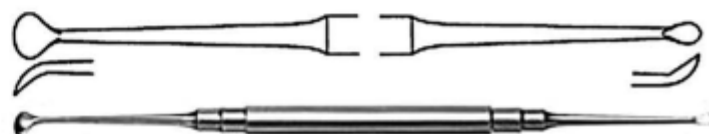
BI-11-01-0699

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



BI-11-01-0600

Molt Bone Curette 17 cm / 6 3/4"

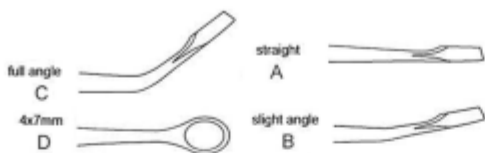


BI-11-01-0601

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

BONE CURETTES

Hollow Handle
Oval Fenestrated
4X7mm Cup
Sharp/Blunt



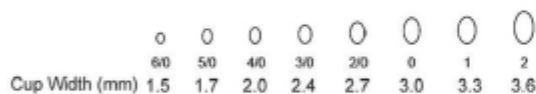
BI-11-01-0602

Semmes Ring Curette 23 cm / 9"



BI-11-01-0603

Ray Pituitary Curette 18 cm / 7 1/2"



BI-11-01-0604

Lempert Curette 18 cm / 7 1/2"

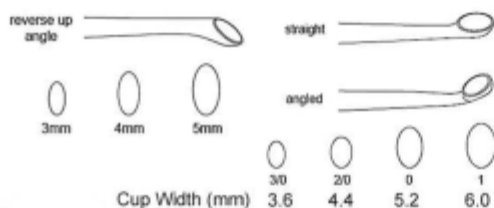
Reverse Up
Angle Oval Cup



Hollow Handle

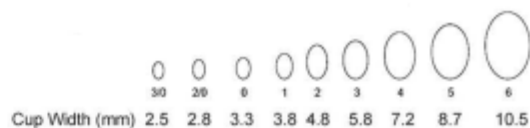
BI-11-01-0605

Epstein Curette 18 cm / 7 1/2"



BI-11-01-0606

Bushe Curette 25 cm / 10"



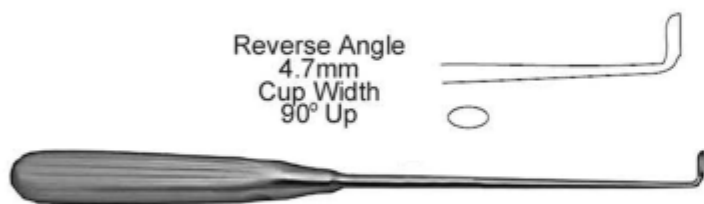
Solid Handle

Str-Oval Cup

BI-11-01-0607

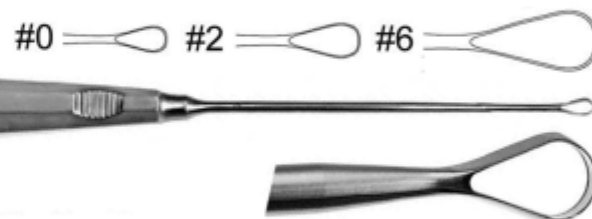
Spinal Fusion Curette 28 cm / 11"

Reverse Angle
4.7mm
Cup Width
90° Up



BI-11-01-0608

Scoville Curette 25 cm / 10"

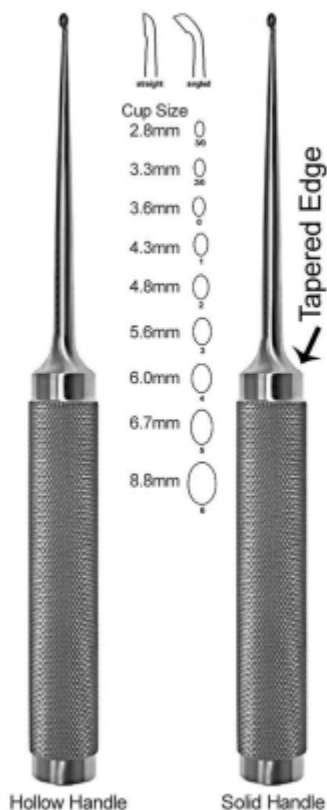


BI-11-01-0609

Ring Curette

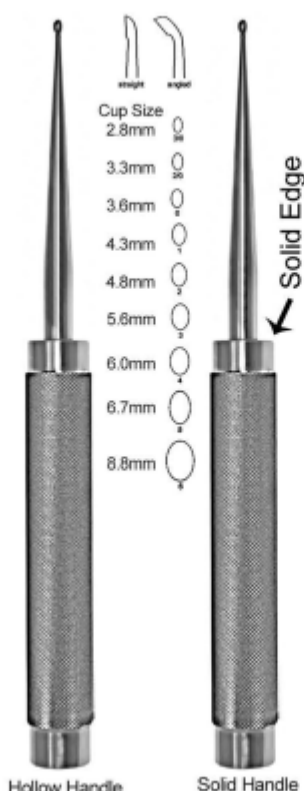
A: 25 cm / 10" #0 6mm Cup
B: 25 cm / 10" #2 8mm Cup
C: 26 cm / 10 1/2" #6 14mm Cup
D: 28 cm / 11 1/2" #0 6mm Cup
E: 28 cm / 11 1/2" #2 8mm Cup
F: 30 cm / 12 1/2" #6 14mm Cup

BONE CURETTES



BI-11-01-0610

Cobb Curette Oval Cups
28 cm / 11"



BI-11-01-0611

Cobb Curette Oval Cups
28 cm / 11"



BI-11-01-0612

Sybert Curette Long
Delicate Shaft



BI-11-01-0613

Cone Ring Curette
23 cm / 9"

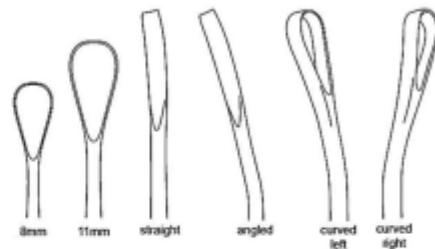
- A: Straight 8mm Sharp/Blunt
- B: Straight 11 mm Sharp/Blunt
- C: Angled 8mm Sharp/Sharp
- D: Angled 11 mm Sharp/Sharp
- E: Angled 8mm Sharp/Sharp Right Cvd

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

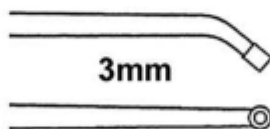


BI-11-01-0614

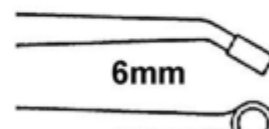
Zielke Ring Curette 34 cm / 13 1/2" TEFLON Handle



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



20" Angled 30°
6mm Diameter
3 1/2" Tip Length
10" Shaft Length
6 1/2" Handle Length
45" (11 .5mm)
Shaft Diameter



BI-11-01-0615

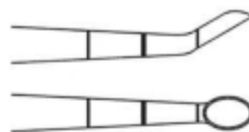
Cone Ring Curette Endoscopic Fibre Handle

BONE CURETTES

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



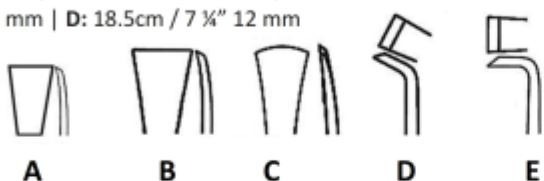
20" Reverse Angled 30°
6mm x 9mm cup 3 1/2"
Tip Length 10" Shaft
Length 6 1/2" Handle
Length .45 (7.2mm)
Shaft Diameter



BI-11-01-0616

Epstein Curette Endoscopic Fibre Handle

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



BI-11-01-0617

Martin-Langenbeck Periosteal Elevator (Solid)

BI-11-01-0618

Martin-Langenbeck Periosteal Elevator (Solid)

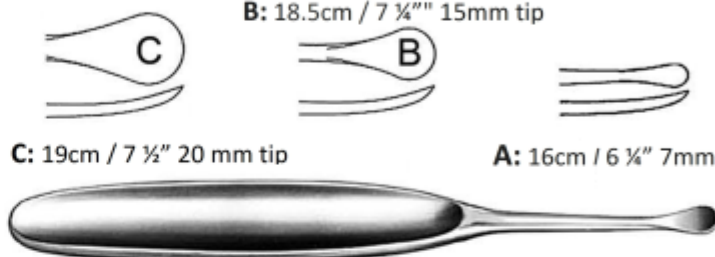
19.5cm / 7 3/4" C:7mm 4mm tip
6mm tip
19.5cm / 7 3/4" C:6mm 17.5cm / 7" B
7mm tip 5mm tip



BI-11-01-0619

Martin-Langenbeck Periosteal Elevator (Solid)

B: 18.5cm / 7 1/4" 15mm tip
C: 19cm / 7 1/2" 20 mm tip
A: 16cm / 6 1/4" 7mm



BI-11-01-0620

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



BI-11-01-0621

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



BI-11-01-0622

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

PERIOSTEAL ELEVATORS



BI-11-01-0623

Farabeuf Periosteal Elevator 15 cm / 6"
With hollow handle



BI-11-01-0624

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



BI-11-01-0625

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



BI-11-01-0626

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



BI-11-01-0627

Farabeuf Periosteal Elevator
15 cm / 6" with hollow handle



BI-11-01-0628

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



BI-11-01-0629

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



BI-11-01-0630

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



BI-11-01-0631

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



BI-11-01-0632

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

PERIOSTEAL ELEVATORS - DISSECTORS



BI-11-01-0633

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

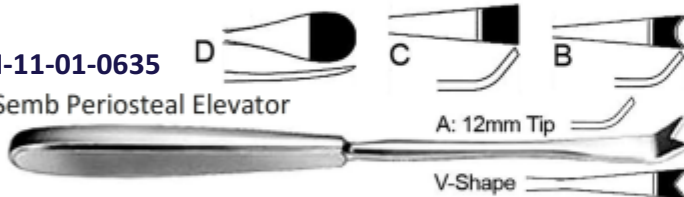


BI-11-01-0634

Periosteal Elevator,
Double ended 17.5 cm / 7"

BI-11-01-0635

Semb Periosteal Elevator



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

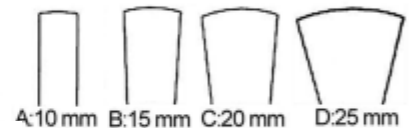
A: V-shape 12mm | B: Inside round 12mm

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

BI-11-01-0636

11-01-0636

Lambotte Periosteal Elevator 21.5 cm / 8 1/2"



BI-11-01-0637

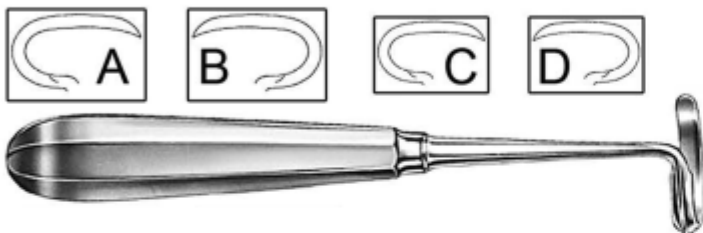
Periosteal Elevator 20 cm / 8" with plastic handle



BI-11-01-0638

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

Right curved for adults Left curved for adults Right curved for Childrens Left curved for Childrens



BI-11-01-0639

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



BI-11-01-0640

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

BI-11-01-0641

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



BI-11-01-0642

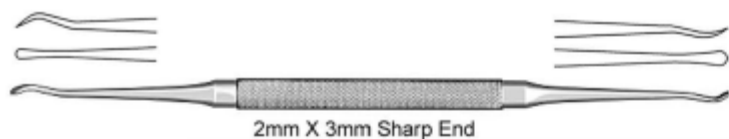
Williger Elevator
16 cm / 6 1/4" (5.5mm tip)



BI-11-01-0643

Elevator 17 cm / 6 3/4" Light weight

PERIOSTEAL ELEVATORS - DISSECTORS



2mm X 3mm Sharp End

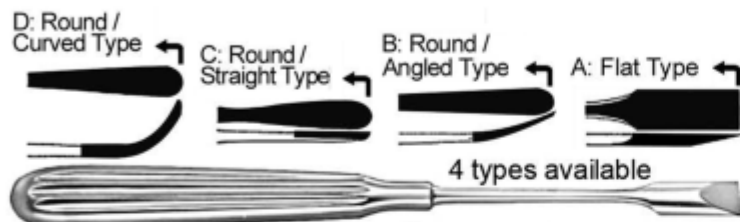
BI-11-01-0644

Kleinert Kutz Elevator 14 cm / 5 1/2"



BI-11-01-0645

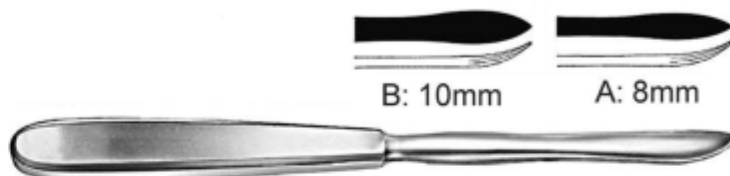
Vickers Dissector 17 cm / 6 3/4"



4 types available

BI-11-01-0646

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

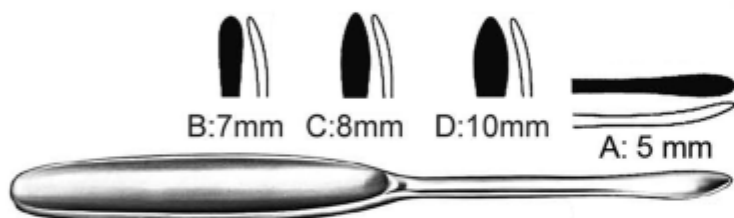


B: 10mm

A: 8mm

BI-11-01-0647

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



B: 7mm C: 8mm D: 10mm

A: 5 mm

BI-11-01-0648

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



BI-11-01-0649

Phalangeal Elevator 16cm / 6 1/4"



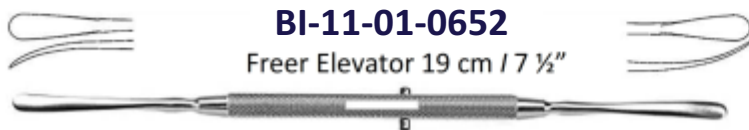
BI-11-01-0650

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



BI-11-01-0651

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



BI-11-01-0652

Freer Elevator 19 cm / 7 1/2"



BI-11-01-0653

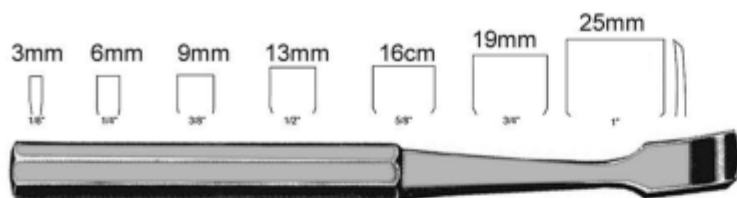
Penfield Elevator Endoscopic 38 cm / 15" 5mm Semi Sharp / 1X10mm Blunt Hook



BI-11-01-0654

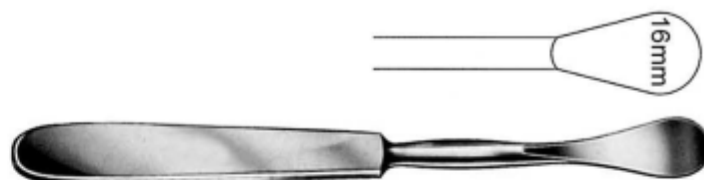
Smithwick Hook and Dissector 30 cm / 12" 5mm Semi Sharp / 1X10mm Blunt Hook

PERIOSTEAL ELEVATORS - RESPIRATORIES



BI-11-01-0655

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



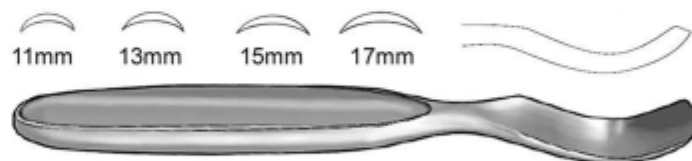
BI-11-01-0656

Sedilot Elevator 18 cm / 7" Sharp Edge



BI-11-01-0657

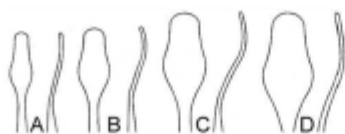
Alexander Periosteal Respiratory 20 cm / 8" / 12mm Sharp



BI-11-01-0658

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

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



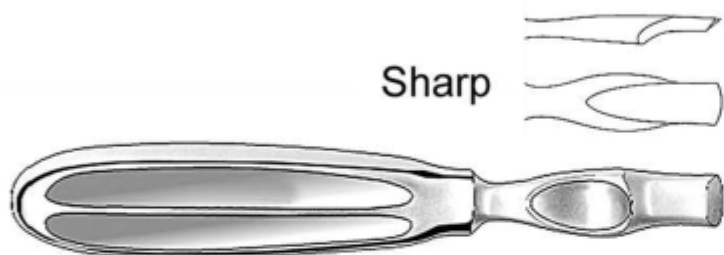
BI-11-01-0659

Chandler Elevator Blunt



BI-11-01-0660

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



BI-11-01-0661

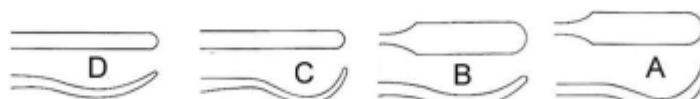
Kirmission Periosteal Respiratory 17 cm / 6 3/4"



BI-11-01-0662

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

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



BI-11-01-0663

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

PERIOSTEAL ELEVATORS - DISSECTORS

Small

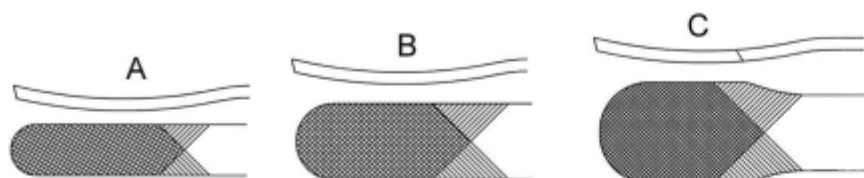
A: 26 cm / 10 ¼" 13mm Width at Tip

Medium

B: 26 cm / 10 ¼" 20mm Width at Tip

Large

C: 35 cm / 13 ¾" 25mm Width at Tip



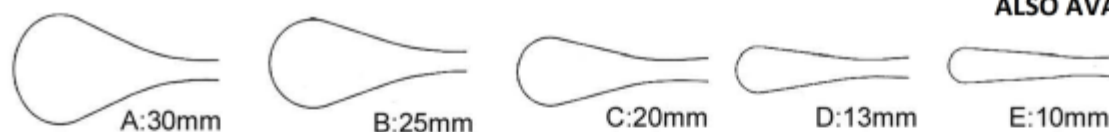
BI-11-01-0664

Darraeh Elevator Blunt



BI-11-01-0665

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

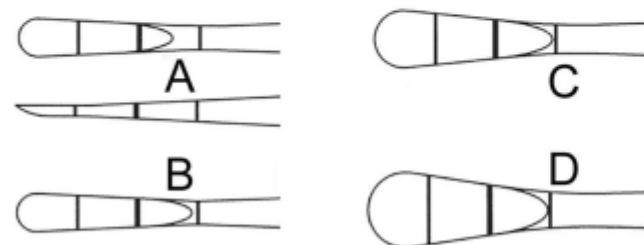


ALSO AVAILABLE WITH FIBRE HANDLE



BI-11-01-0666

Spinal Elevator Sharp 28 cm / 11" Knurled Handle



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

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

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

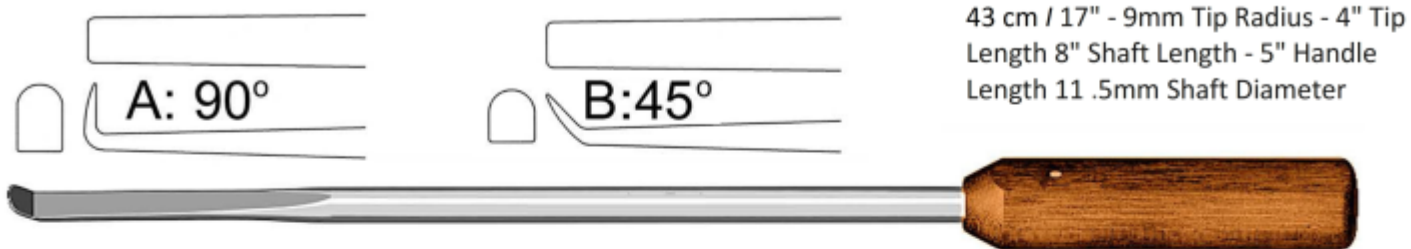
D: 50cm / 20"
13mm Tip Width
3 1/2" Tip Length
10" Shaft Length
6 1/2" Handle L
11.5mm Shaft Dia



BI-11-01-0667

Cobb Elevator Endoscopic Sharp / Fibre Handle

ELEVATORS SPINAL – S/S & FIBRE



BI-11-01-0668

Rib Elevator Endoscopic Sharp / Fibre Handle



BI-11-01-0669

Wagner Elevator Sharp / Fibre Handle 33 cm / 13"



BI-11-01-0670

Lucae Mallet 19.5 cm / 7 ¾"



BI-11-01-0671

Cottle Mallet Plane / Convex
19 cm / 7 ½" 30mm $\varnothing$ / 300 gms



BI-11-01-0672

Williger Mallet 16.4cm / 6 ½"
20 mm $\varnothing$ / 140 gms



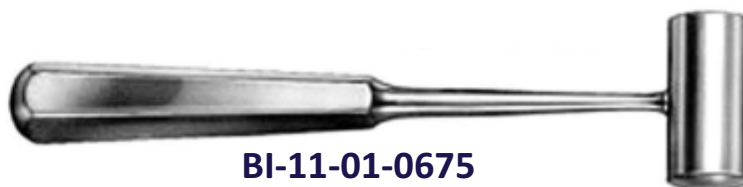
BI-11-01-0673

Mallet 26 cm / 10 ¼"
30 mm $\varnothing$ / 510 gms



BI-11-01-0674

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



BI-11-01-0675

Partsch Mallet 19 cm / 7 ½"
With hollow handle 22mm $\varnothing$ / 200 gms

ORTHOPEDIC MALLETS – S/S & FIBRE



BI-11-01-0676

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



BI-11-01-0677

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

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



BI-11-01-0678

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



BI-11-01-0679

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



BI-11-01-0680

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



BI-11-01-0681

Mallet 24 cm / 9 ½"
30 mm Ø / 480 gms



BI-11-01-0682

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



BI-11-01-0683

Mallet 22 cm / 8 ¾"
30 mm Ø / 125 gms



BI-11-01-0684

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

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



BI-11-01-0685

Doyen Mallet

ELEVATORS SPINAL – S/S & FIBRE



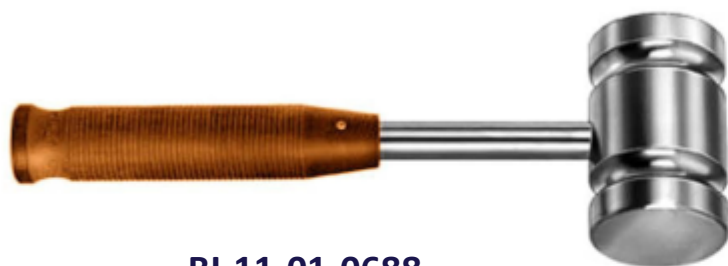
BI-11-01-0686

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



BI-11-01-0687

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



BI-11-01-0688

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



BI-11-01-0689

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



BI-11-01-0690

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

Head Weight: 7 oz (200 grams)



BI-11-01-0691

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

Head Weight: 20 oz (567 grams)



BI-11-01-0692

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

Head Weight: 20 oz (567 grams)



BI-11-01-0693

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

ELEVATORS SPINAL – S/S & FIBRE



BI-11-01-0694

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



Fibre Handle

BI-11-01-0695

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



BI-11-01-0696

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



Fibre Handle

BI-11-01-0697

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



BI-11-01-0698

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



BI-11-01-0699

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



BI-11-01-0704

Bunnell Tendon Stripper 15 cm / 6"



BI-11-01-0705

Fischer Tendon Stripper 31 cm / 12 1/4" Blunt



BI-11-01-0706

Tendon Passing Instrument 33.5 cm / 13 1/4"



BI-11-01-0707

Fischer Tendon Stripper 31 cm / 12 1/4" Blunt



BI-11-01-0708

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



BI-11-01-0709

Bunnell Tendon Passer 23 cm / 9" Malleable



BI-11-01-0710

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



BI-11-01-0711

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



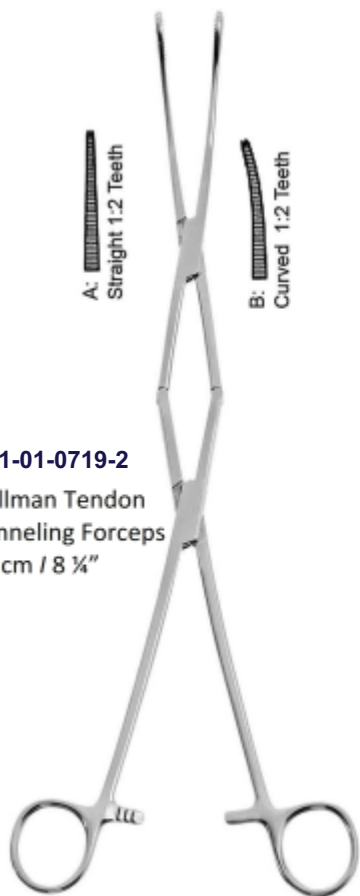
BI-11-01-0712

Tendon Stripper 40 cm / 16" Fibre Handle

TENDON INSTRUMENTS



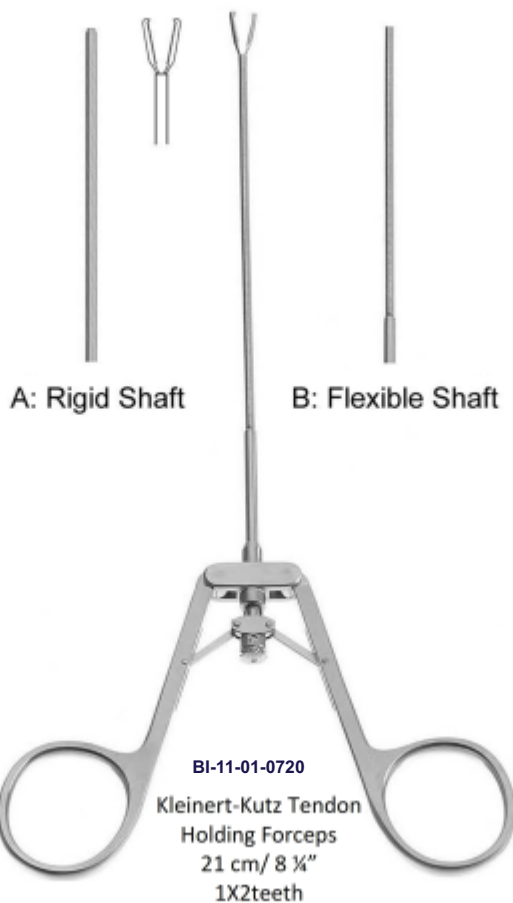
BI-11-01-0719-1
Carroll Tendon Holding Forceps
11.5 cm / 4 1/2"



BI-11-01-0719-2
Hallman Tendon
Tunneling Forceps
21 cm / 8 1/4"

A: Straight 1:2 Teeth

B: Curved 1:2 Teeth



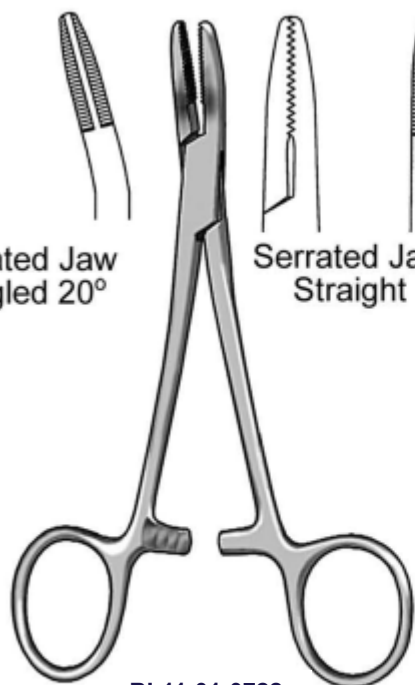
A: Rigid Shaft

B: Flexible Shaft

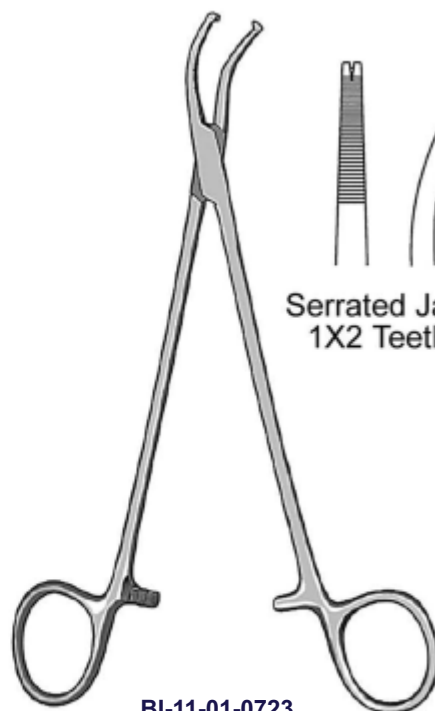
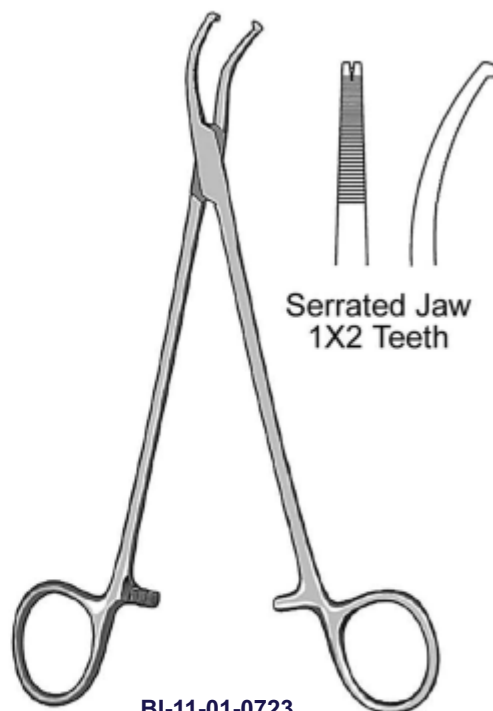
BI-11-01-0720
Kleinert-Kutz Tendon
Holding Forceps
21 cm / 8 1/4"
1X2teeth



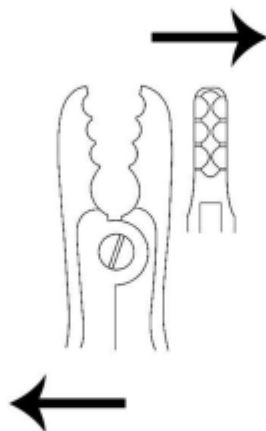
BI-11-01-0721
Hoen Grasping Forceps
14 cm / 5 1/2" (Shaft)
1X2 teeth



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

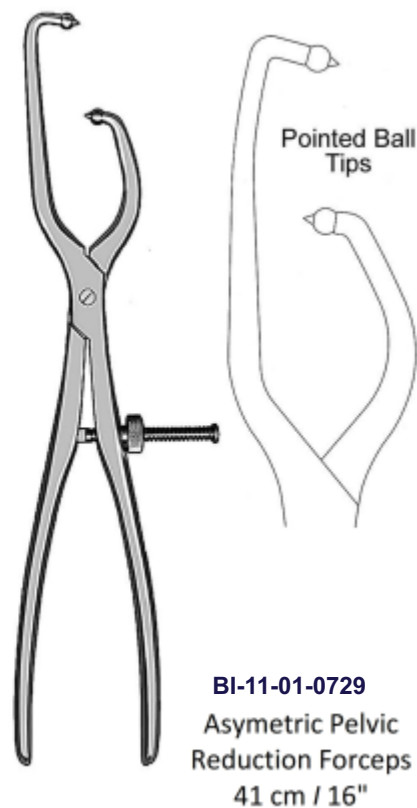
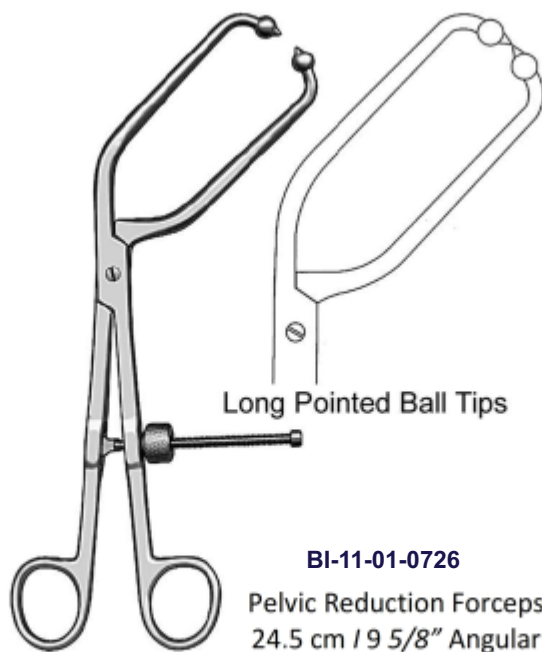
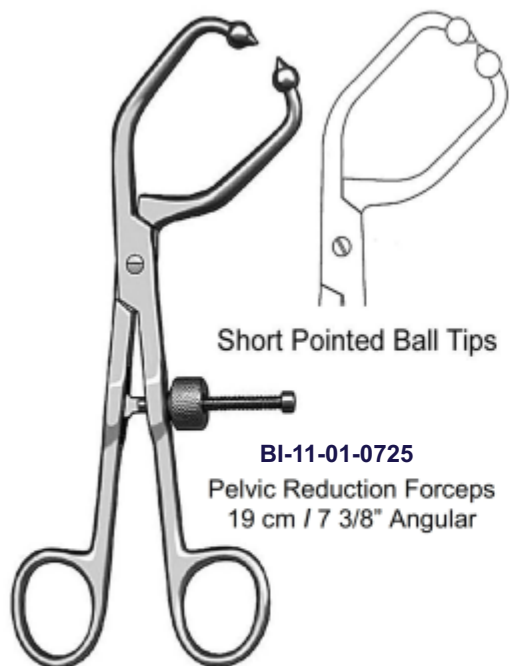


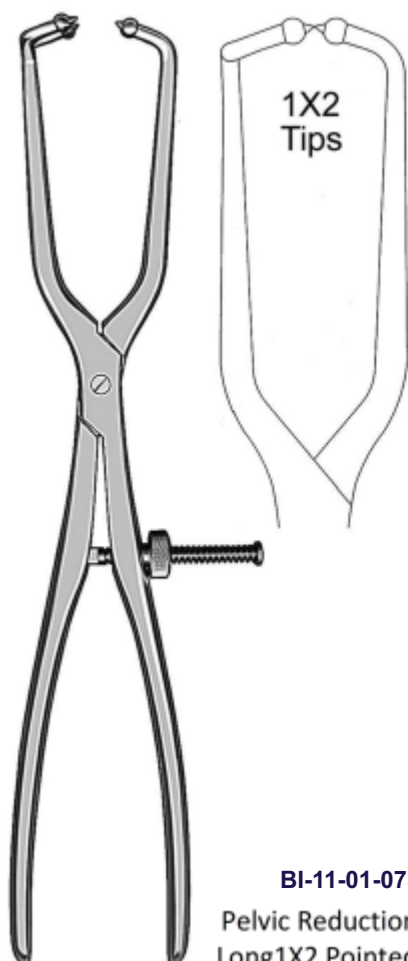
BI-11-01-0723
Preston Ligamentum Flavum Forceps
(Meniscus) 18.5 cm / 7 1/4"



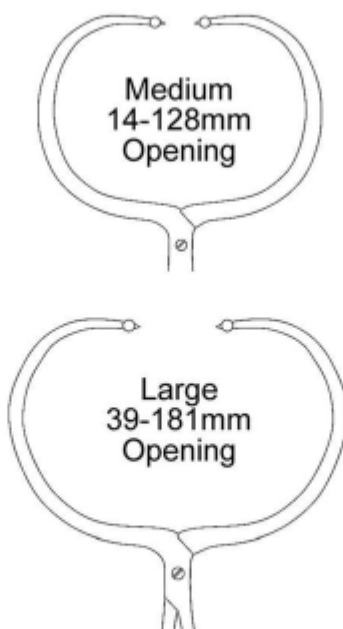
BI-11-01-0724
Ortho Grasper 21 cm / 8 1/2"
7 X 20 MM Bite







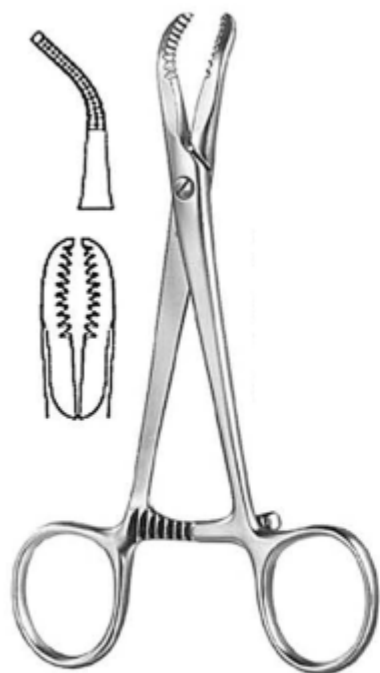
BI-11-01-0730
Pelvic Reduction Forceps
Long 1X2 Pointed Ball Tips
41 cm / 16"



BI-11-01-0731
Periarticular Reduction Forceps
Straight / Pointed Ball Tips
38 cm / 15"



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



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

BONE HOLDING FORCEPS



BI-11-01-0734
Lewin Bone Holding Forceps
18.5 cm / 7 1/4"



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



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



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



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



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



BI-11-01-0740
Fergusson Bone Holding Forceps Heavy pattern
21 cm / 8 1/4"



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

BONE HOLDING FORCEPS

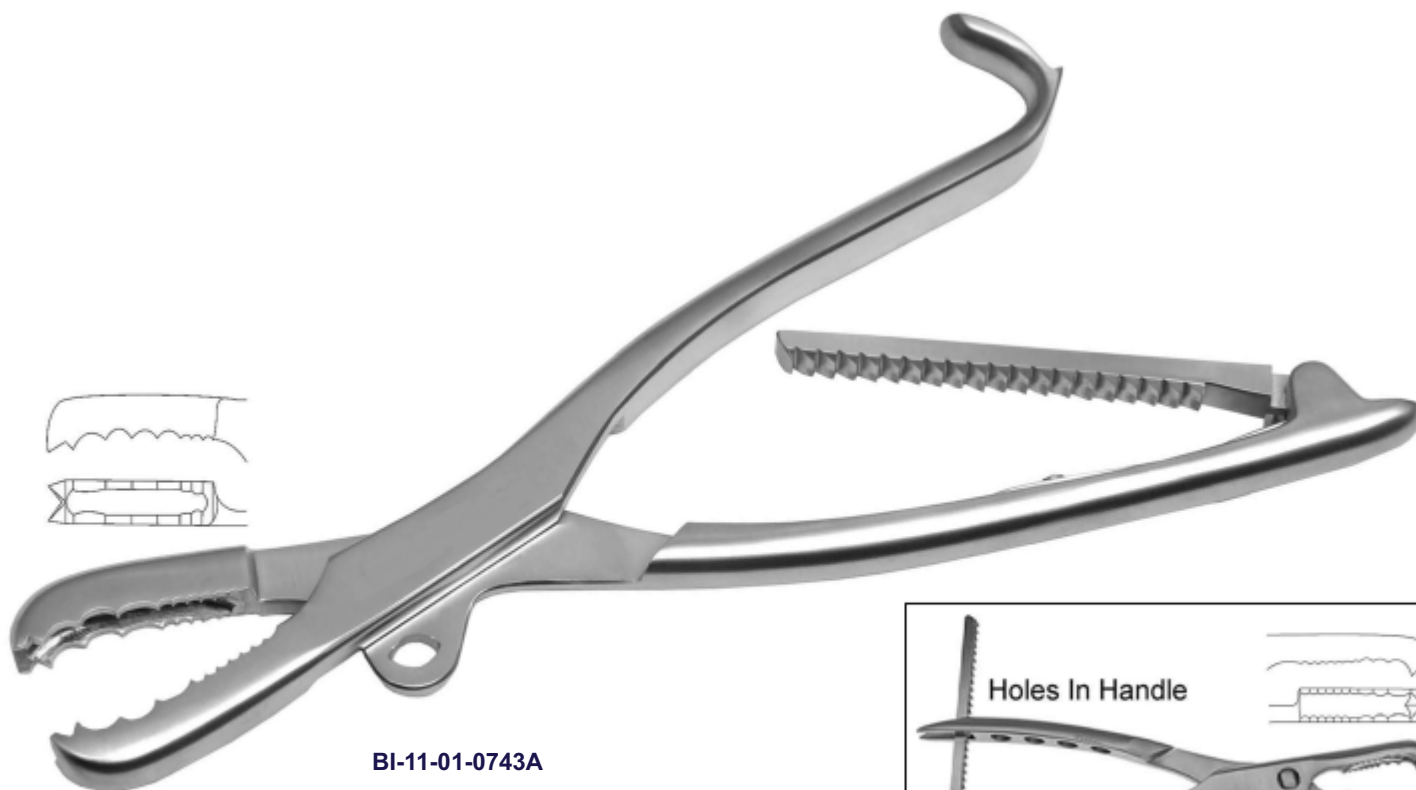


BI-11-01-0742

Kern Bone Holding Forceps

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

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



BI-11-01-0743A

Farabeuf Lambotte Bone Holding Forceps

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

Adjustable / with Ratchet



Holes In Handle

BI-11-01-0743B

BONE HOLDING FORCEPS



BI-11-01-0744

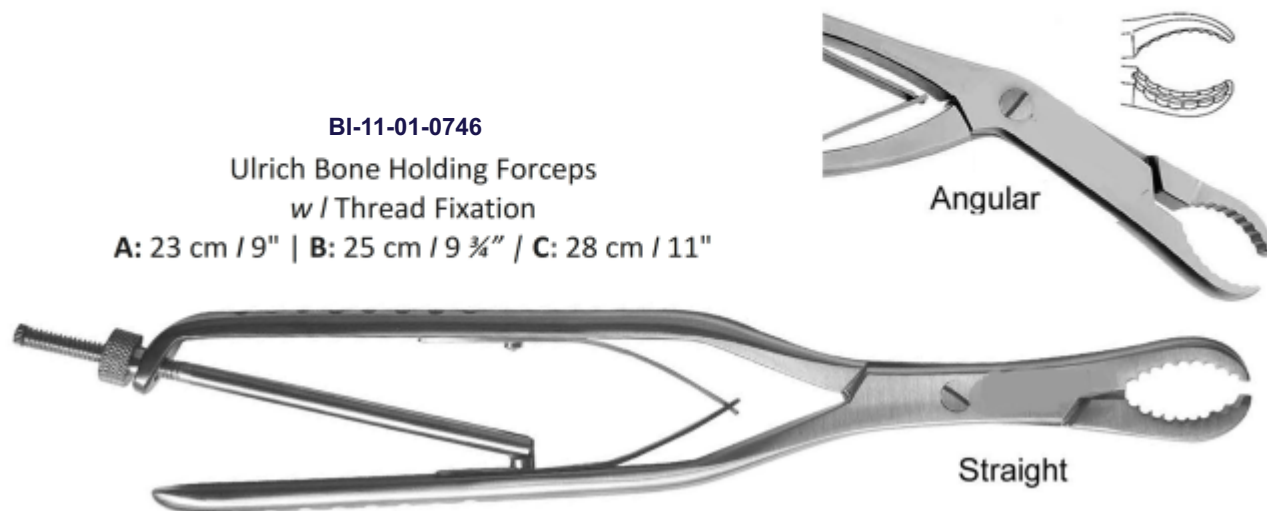
Lambotte Bone Holding Forceps
w / Swivel Head, Adjustable Jaw

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



BI-11-01-0745

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



BI-11-01-0746

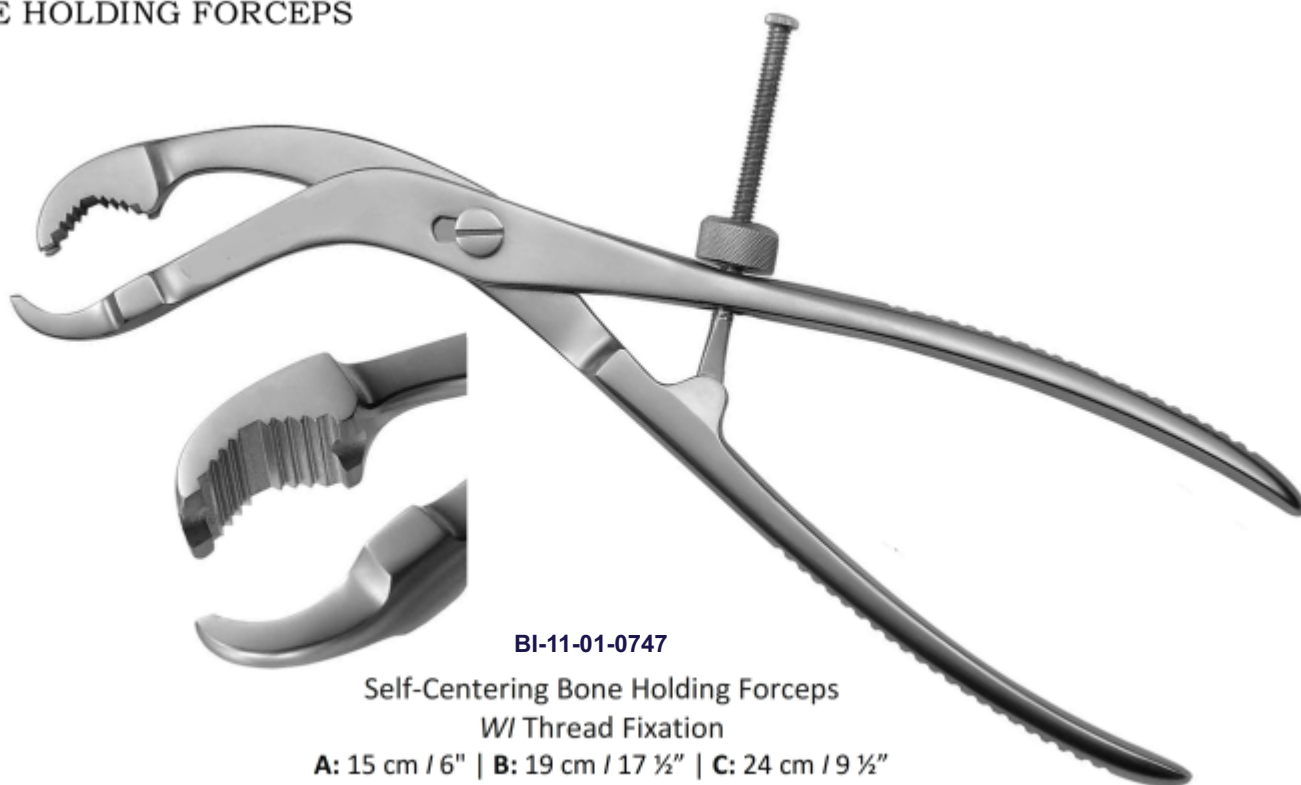
Ulrich Bone Holding Forceps
w / Thread Fixation

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

Angular

Straight

BONE HOLDING FORCEPS



BI-11-01-0747

Self-Centering Bone Holding Forceps
W/ Thread Fixation

A: 15 cm / 6" | B: 19 cm / 17 ½" | C: 24 cm / 9 ½"
D: 26 cm / 10 ¼" | E: 28 cm / 11"



BI-11-01-0748

Lane Bone Holding Forceps w / Ratchet

A: 33 cm / 13"
B: 45 cm / 17 ¾"

BI-11-01-0749

Without Ratchet

BONE HOLDING FORCEPS



BI-11-01-0750

Hey Groves Bone Holding Forceps

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



BI-11-01-0751

Verbrugge Bone Holding Forceps

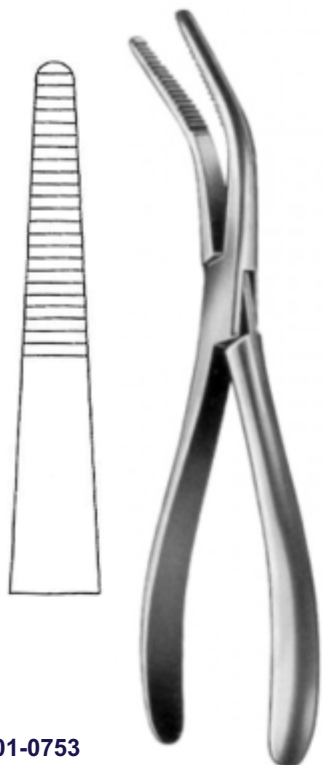
A: 17.5 cm / 7" | B: 25 cm / 9 ¾"
C: 26 cm / 10 ¼" | D: 27 cm / 10 ¾"



BI-11-01-0752

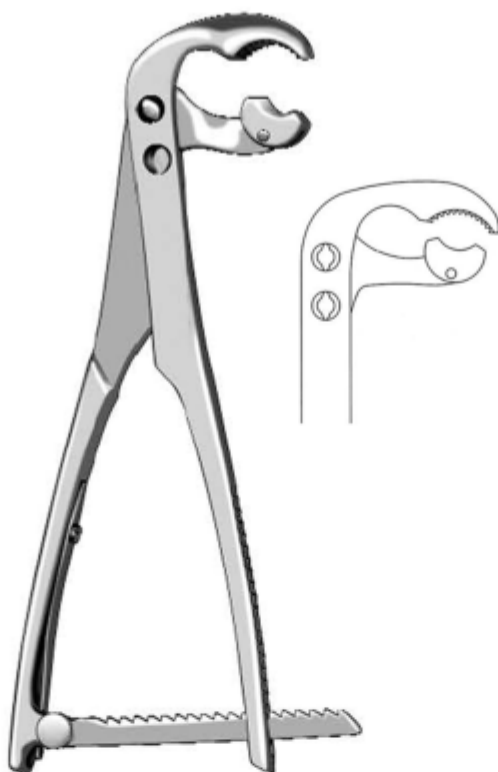
Smooth Jaws Bone Holding Forceps

23 cm / 9"



BI-11-01-0753

Van Buren Bone Holding Forceps
21.5 cm / 8 ½"



BI-11-01-0754

Angled Bone Holding Forceps 23 cm / 9"



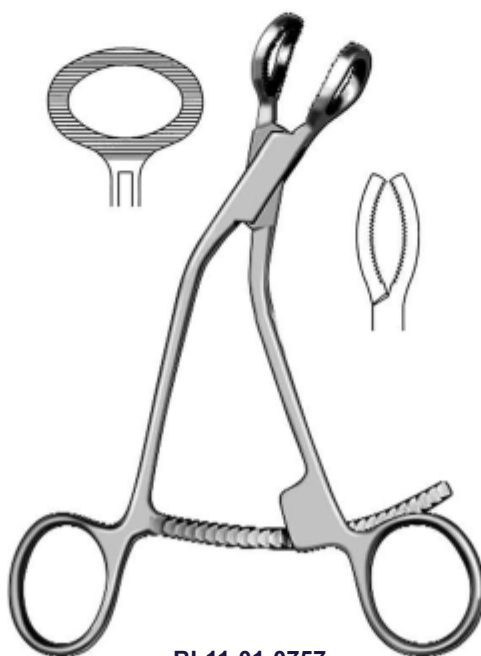
BI-11-01-0755

Bishop Bone Holding Forceps 23 cm / 9"



BI-11-01-0756

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



BI-11-01-0757

Bishop Bone Holding Forceps
23 cm / 9"

1X2 Prong



2X2 Prong

BI-11-01-0758

Patella Forceps 18 cm / 7"

BONE HOLDING FORCEPS



BI-11-01-0759

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



BI-11-01-0760

Fibula Bone Holding Forceps
21 cm / 8 ½"



BI-11-01-0761

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



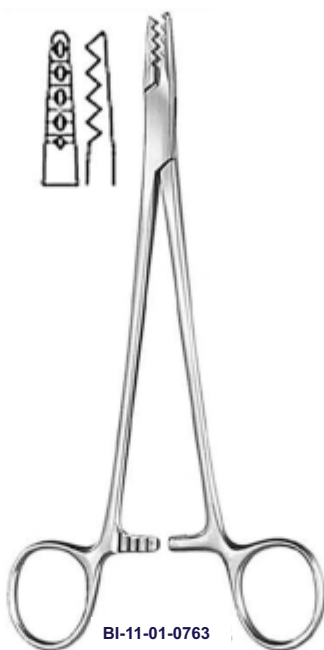
BI-11-01-0762A

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



BI-11-01-0762B

Bargo Bone Holding Forceps 15 cm / 6"



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



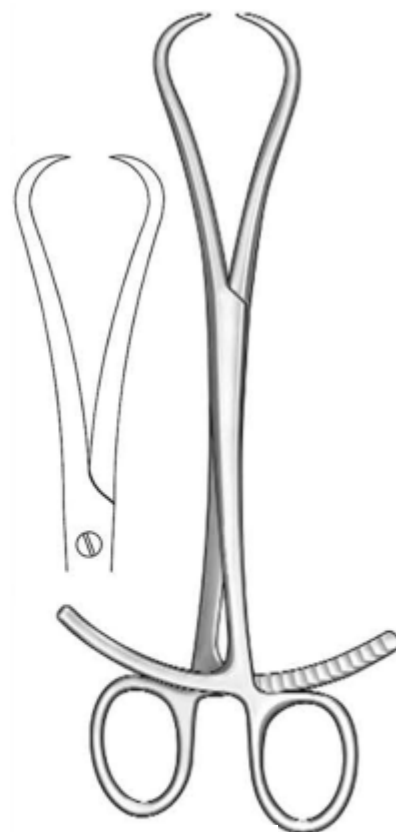
Dingmann Cartilage Seizing Forceps
18.5 cm / 7 1/4"



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

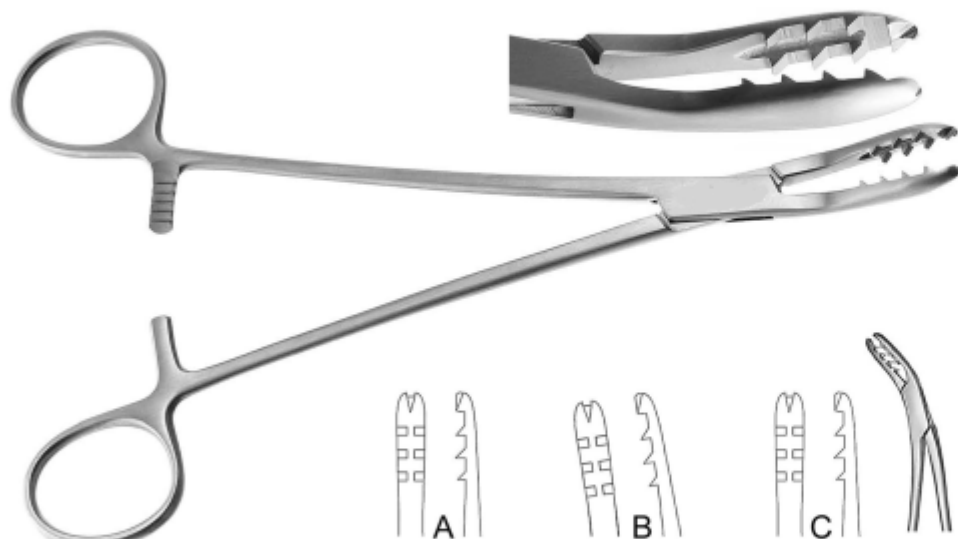


Reposition Forceps
15 cm / 6" Long Ratchet Pointed



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

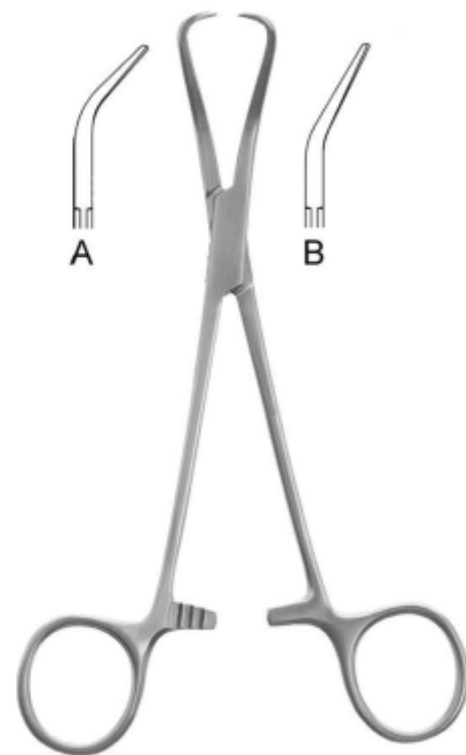
REPOSITION – CARTILAGE FORCEPS



BI-11-01-0768

Cartilage Seizing Forceps

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



BI-11-01-0769

Glenoid Perforating Forceps 17cm / 6 ½"

A: Strong Cvd | B: Slight Cvd

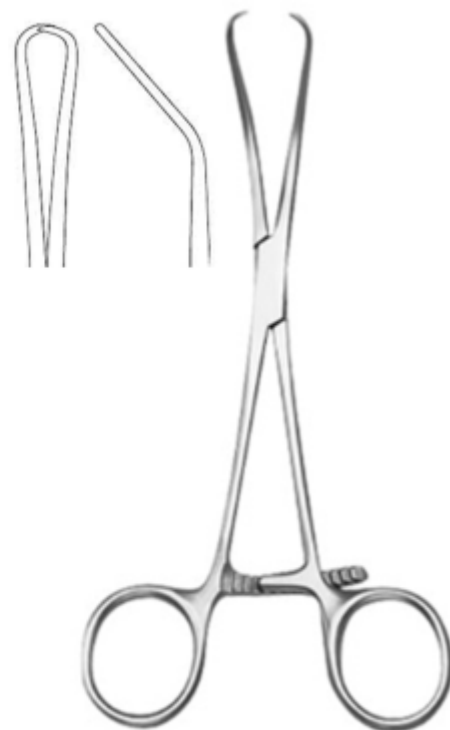


BI-11-01-0770

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

A: 17 cm / 6 ¾"

B: 24 cm / 9 ½"

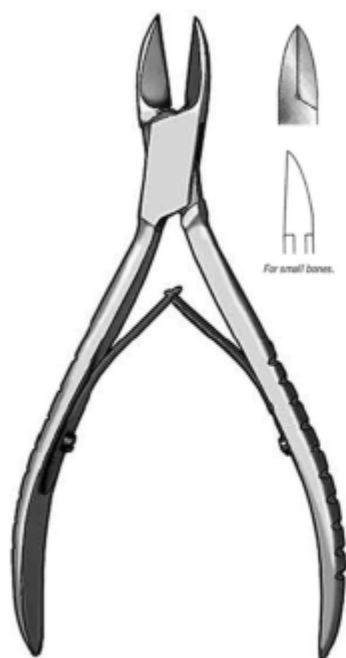


BI-11-01-0771

Reill Bone Reduction Forcep

17.5 cm / 7"

BONE CUTTING FORCEPS



BI-11-01-0772

Littauer Bone Cutting Forceps
15 cm / 6"



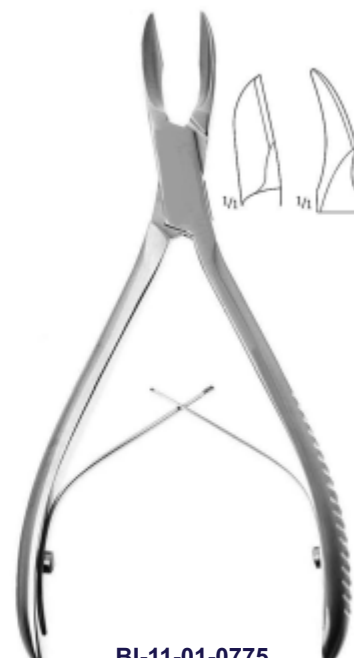
BI-11-01-0773

Marwalder Bone Nipper
18.5 cm / 7 1/4"



BI-11-01-0774

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



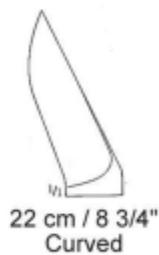
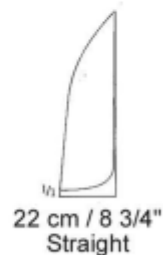
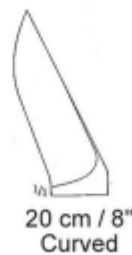
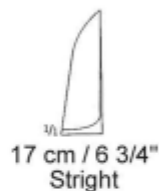
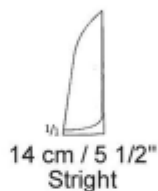
BI-11-01-0775

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

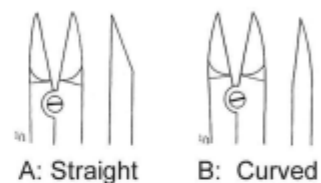


BI-11-01-0776

Liston Bone Cutting Forceps

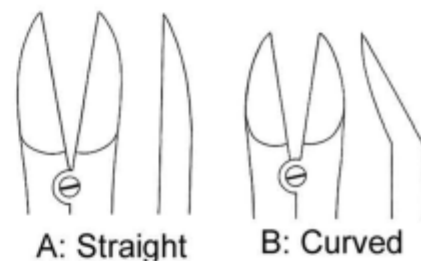


BONE CUTTING FORCEPS



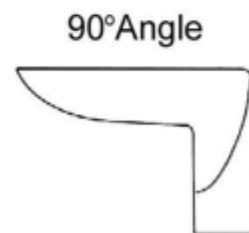
BI-11-01-0777

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



BI-11-01-0778

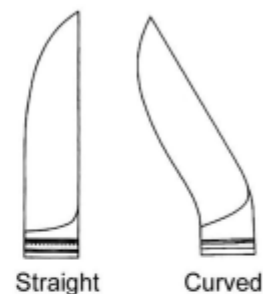
Ruskin Liston Bone Cutting Forceps
18 cm / 7"



BI-11-01-0779

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

BONE CUTTING FORCEPS



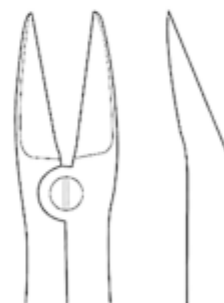
BI-11-01-0780

Stille-Liston Bone Cutting Forceps
A: 23 cm / 9" | B: 27.5 cm / 10 3/4"



BI-11-01-0781

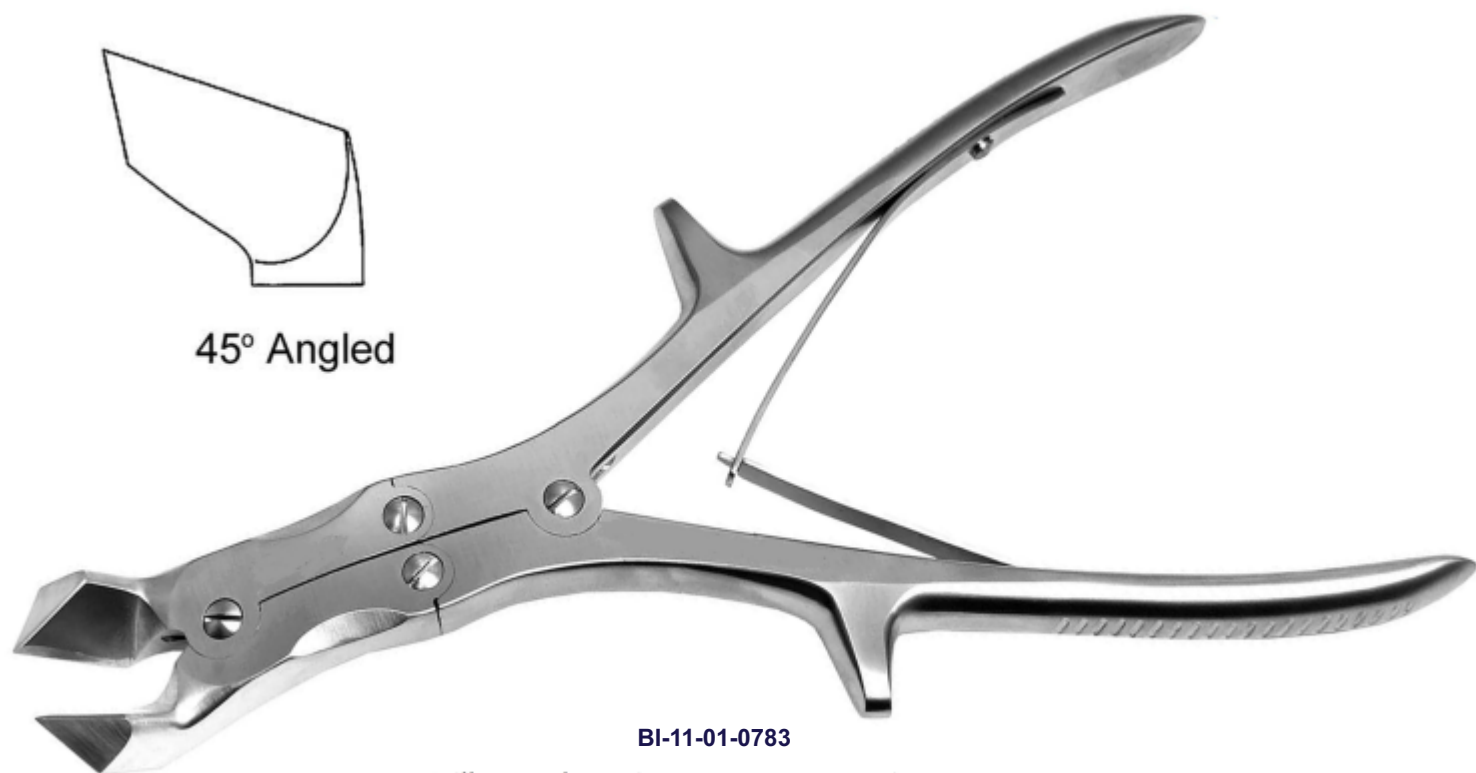
Cleveland Bone Cutting Forceps
16 cm / 6 1/4"



BI-11-01-0782

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

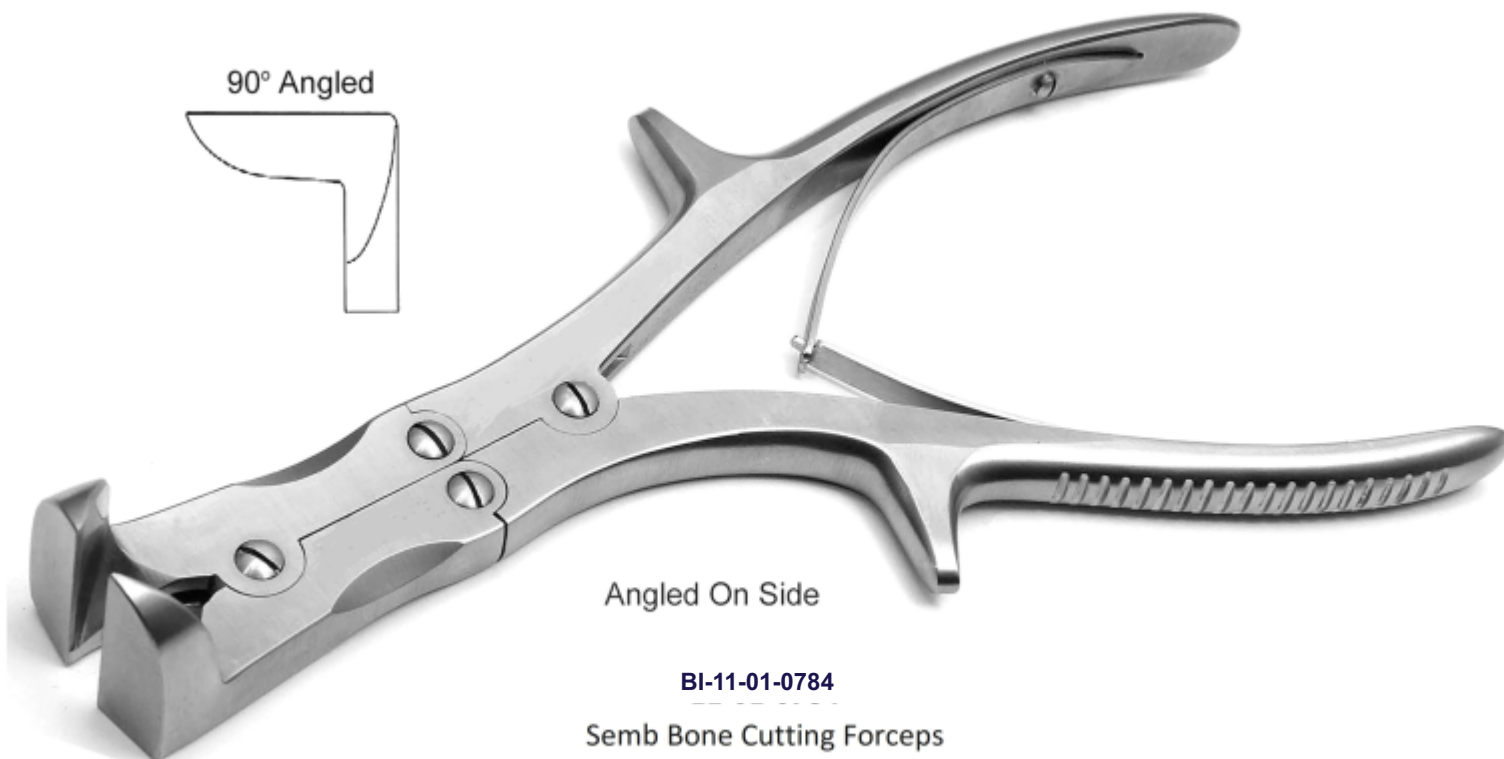
BONE CUTTING FORCEPS



45° Angled

BI-11-01-0783

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



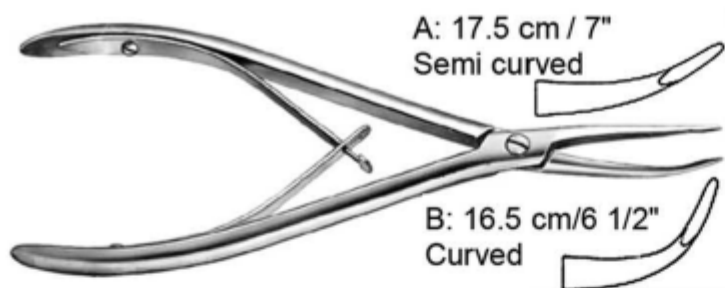
90° Angled

Angled On Side

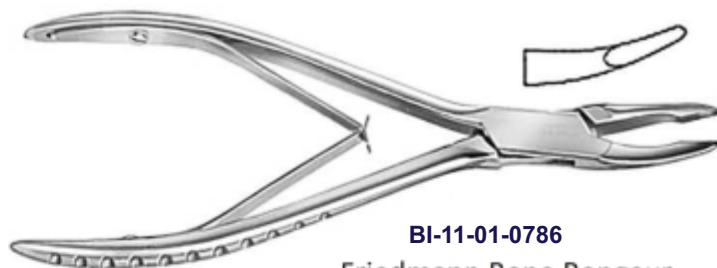
BI-11-01-0784

Semb Bone Cutting Forceps
24.5 cm / 9 3/4"

BONGE RONGEURS - NIBBLERS



BI-11-01-0785
Stellbrink Bone Rongeur



BI-11-01-0786
Friedmann Bone Rongeur
A: 12.5 cm / 5" | B: 13.5 cm / 5 1/4"



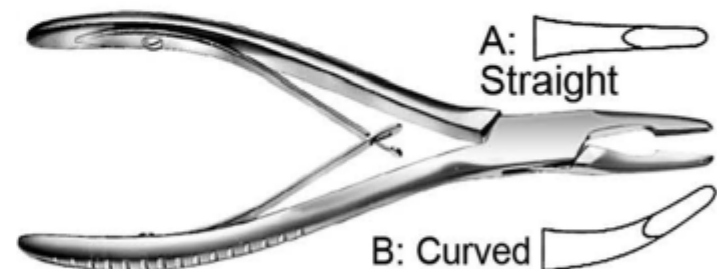
BI-11-01-0787
Friedmann Bone Rongeur
13.5 cm / 5 1/4"



BI-11-01-0788
Cleveland Bone Rongeur
A: 13.5 cm / 5 1/4" | B: 16.5 cm / 6 1/2"



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



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

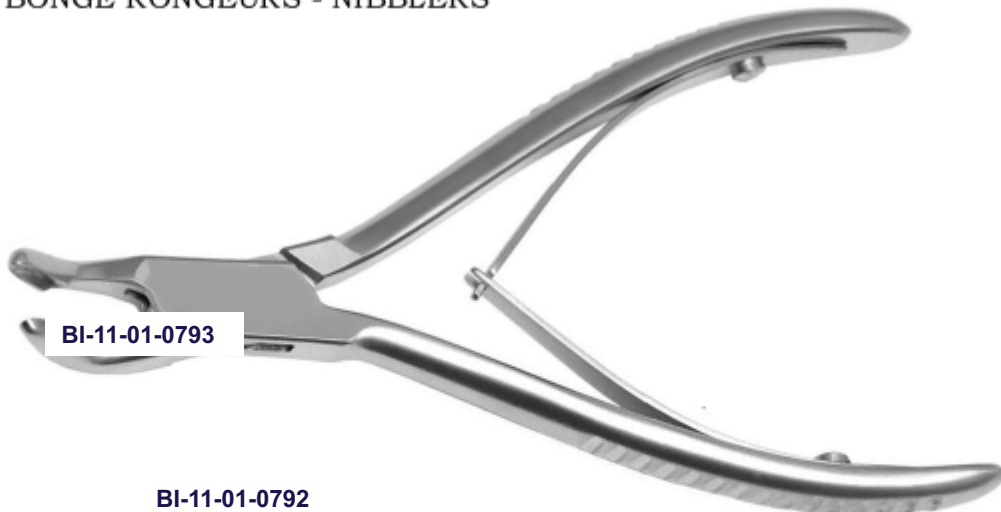
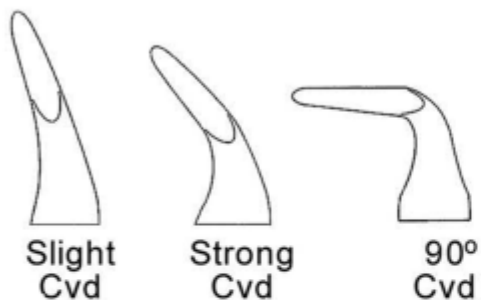


BI-11-01-0791-1
Luer Bone Rongeur 14.5 cm / 5 3/4"



BI-11-01-07921-2
Luer Bone Rongeur 18.5 cm / 7 1/4"

BONGE RONGEURS - NIBBLERS



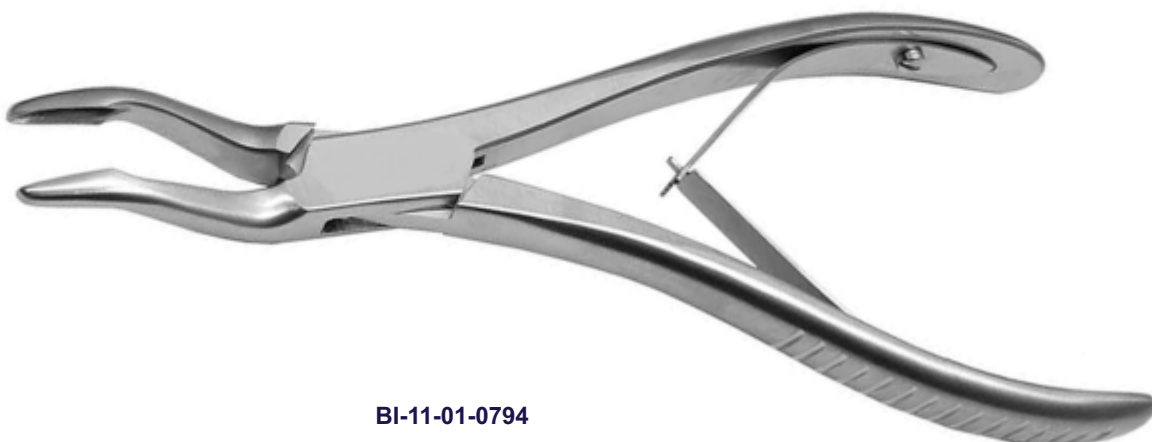
BI-11-01-0792

Blumental Bone Rongeur 12.5 cm / 5"



BI-11-01-0793

Hartmann Bone Rongeur 17.5 cm / 7"



BI-11-01-0794

Jansen Bone Rongeur 19 cm / 7 ½" Bayonet

BONGE RONGEURS - NIBBLERS



BI-11-01-0795

Jansen Bone Rongeur Straight

A: 14 cm / 5 ½"

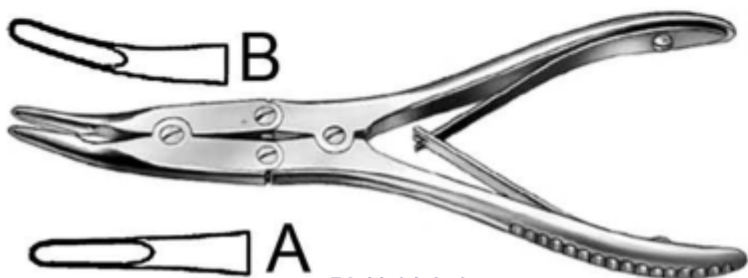
B: 17 cm / 6 ½"



BI-11-01-0796

Jansen Bone Rongeur Delicate

14 cm / 5 ½"



BI-11-01-0797

Bohler Bone Rongeur 15.5 cm / 6"



BI-11-01-0798

Beyer Bone Rongeur 18 cm / 7"



BI-11-01-0799

Zaufai-Jansen Bone Rongeur 18 cm / 7"



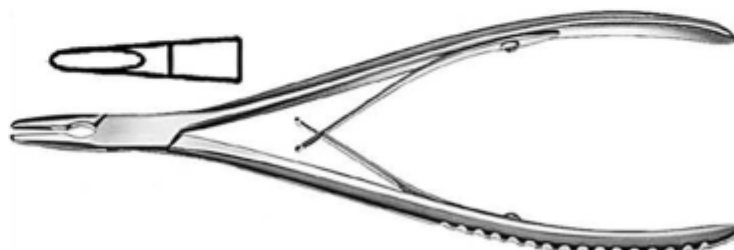
BI-11-01-0800

Mayfield Bone Rongeur 18 cm / 7"



BI-11-01-0801

Marquard Bone Rongeur 20.5 cm / 8"



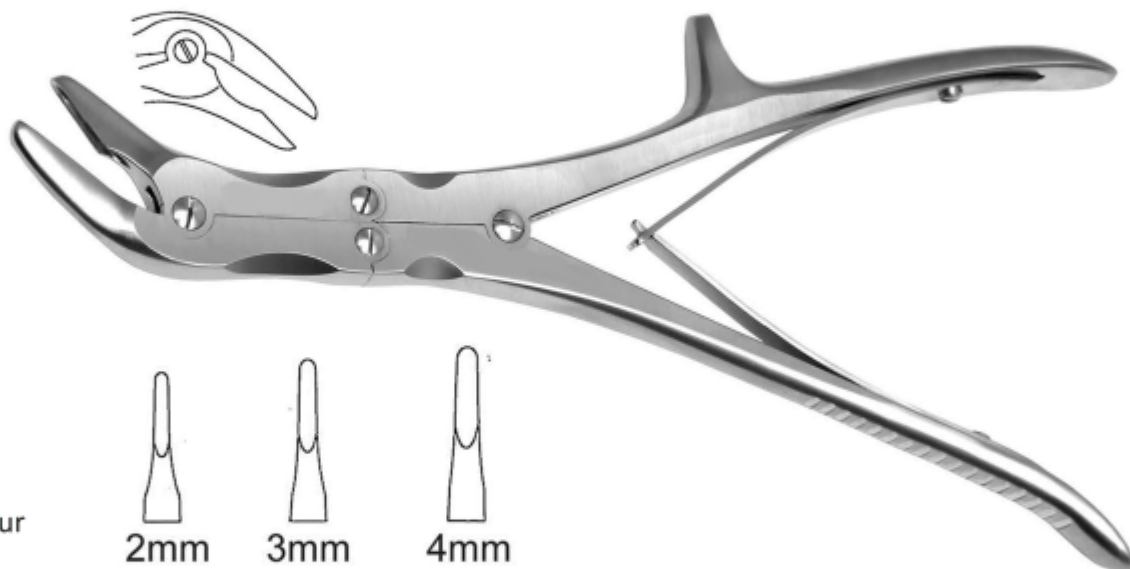
BI-11-01-0802

Lempert Bone Rongeur 19 cm / 7 ½"

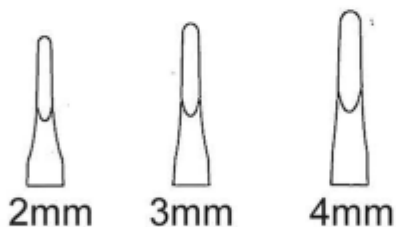
BONGE RONGEURS - NIBBLERS



BI-11-01-0803
Stille Bone Rongeur
22.5 cm / 8 ¾"



BI-11-01-0804
Echlin Duckbill Bone Rongeur
22 cm / 8 ¾"



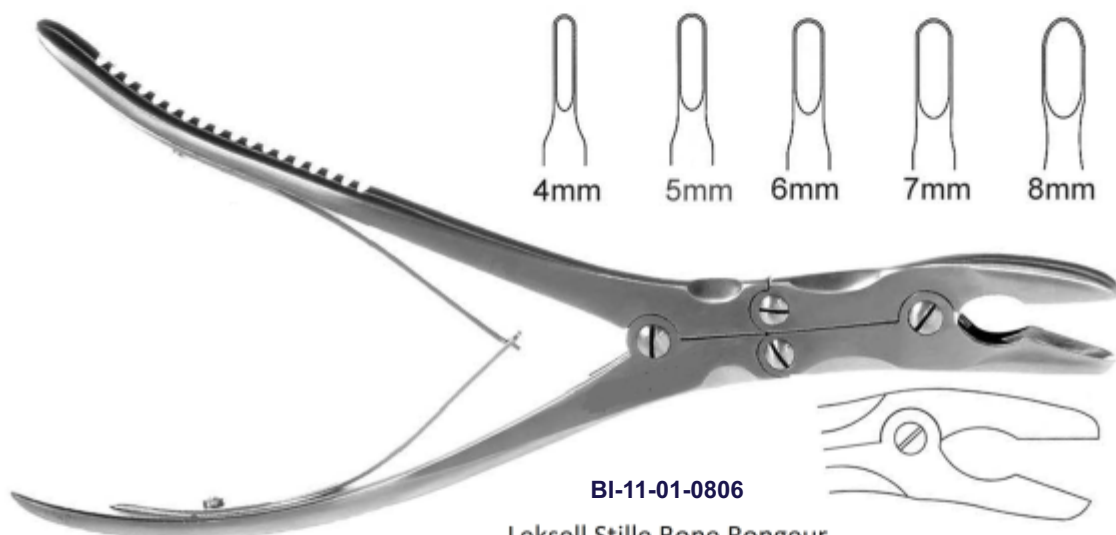
11-01-0805
Ruskin Bone Rongeur
18 cm / 7"



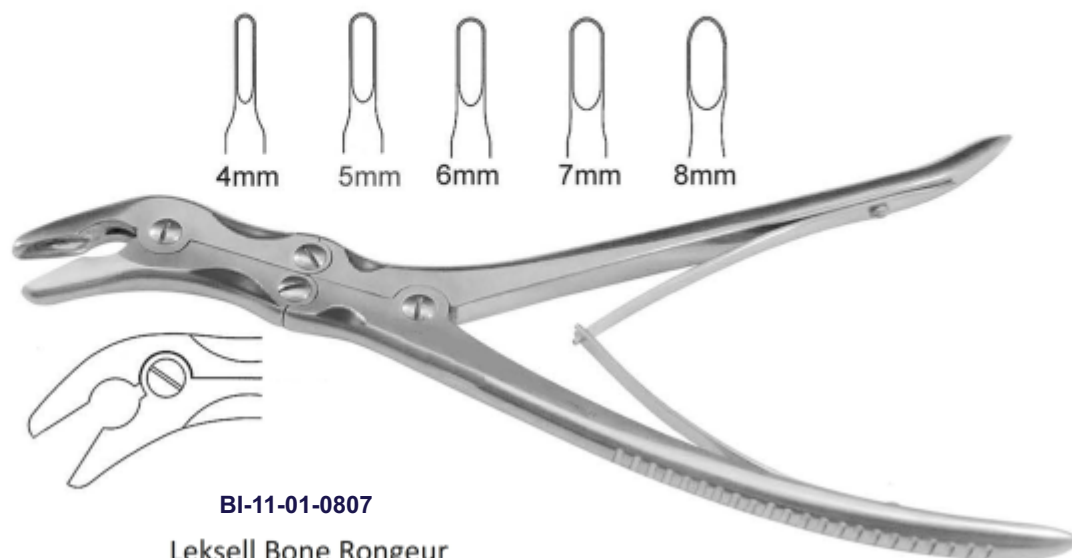
BONGE RONGEURS - NIBBLERS



BI-11-01-0805
Ruskin Bone Rongeur
24 cm / 9 ½"



BI-11-01-0806
Leksell Stille Bone Rongeur
24 cm / 9 ½"

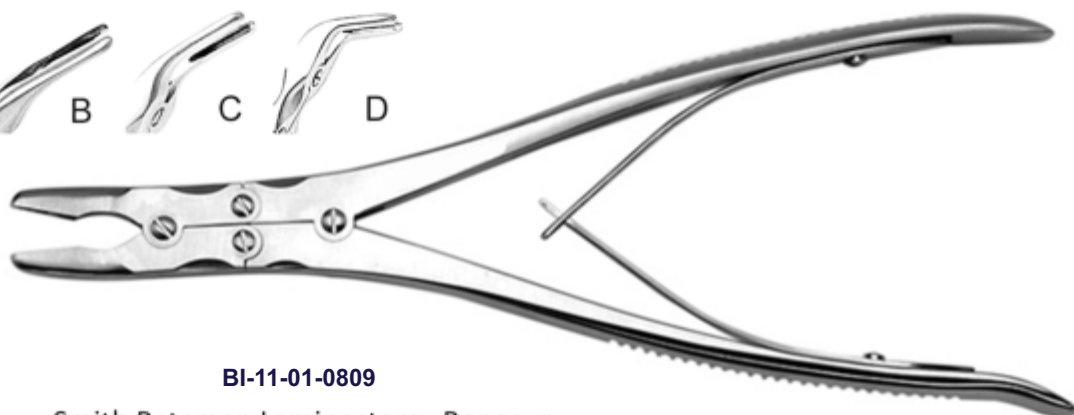


BI-11-01-0807
Leksell Bone Rongeur
24 cm / 9 ½"

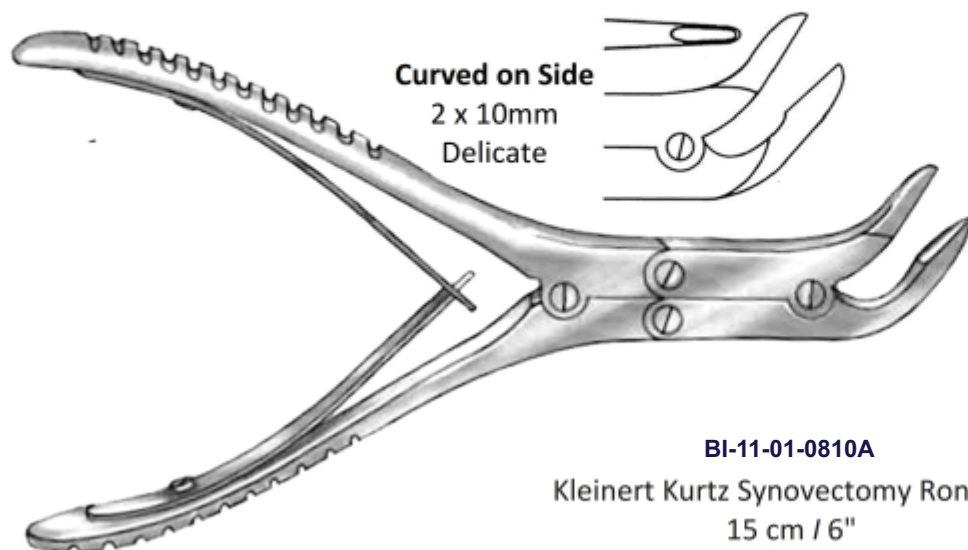


BI-11-01-0808
Leksell Bone Rongeur
23 cm / 9"

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



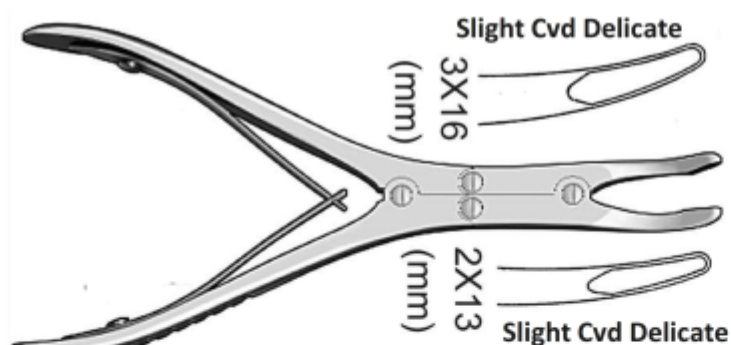
BI-11-01-0809
Smith Peterson Laminectomy Rongeur
24 cm / 9 ½"



Curved on Side
2 x 10mm
Delicate

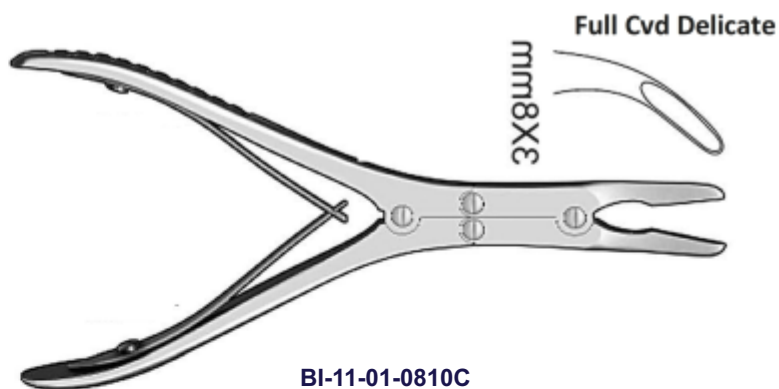


BI-11-01-0810A
Kleinert Kurtz Synovectomy Rongeur
15 cm / 6"



BI-11-01-0810B

Kleinert Kurtz Synovectomy Rongeur 15 cm / 6"



BI-11-01-0810C

Kleinert Kurtz Synovectomy Rongeur 15 cm / 6"



BI-11-01-0811

Semb Bone Rongeur 23.5 cm / 9 1/4"

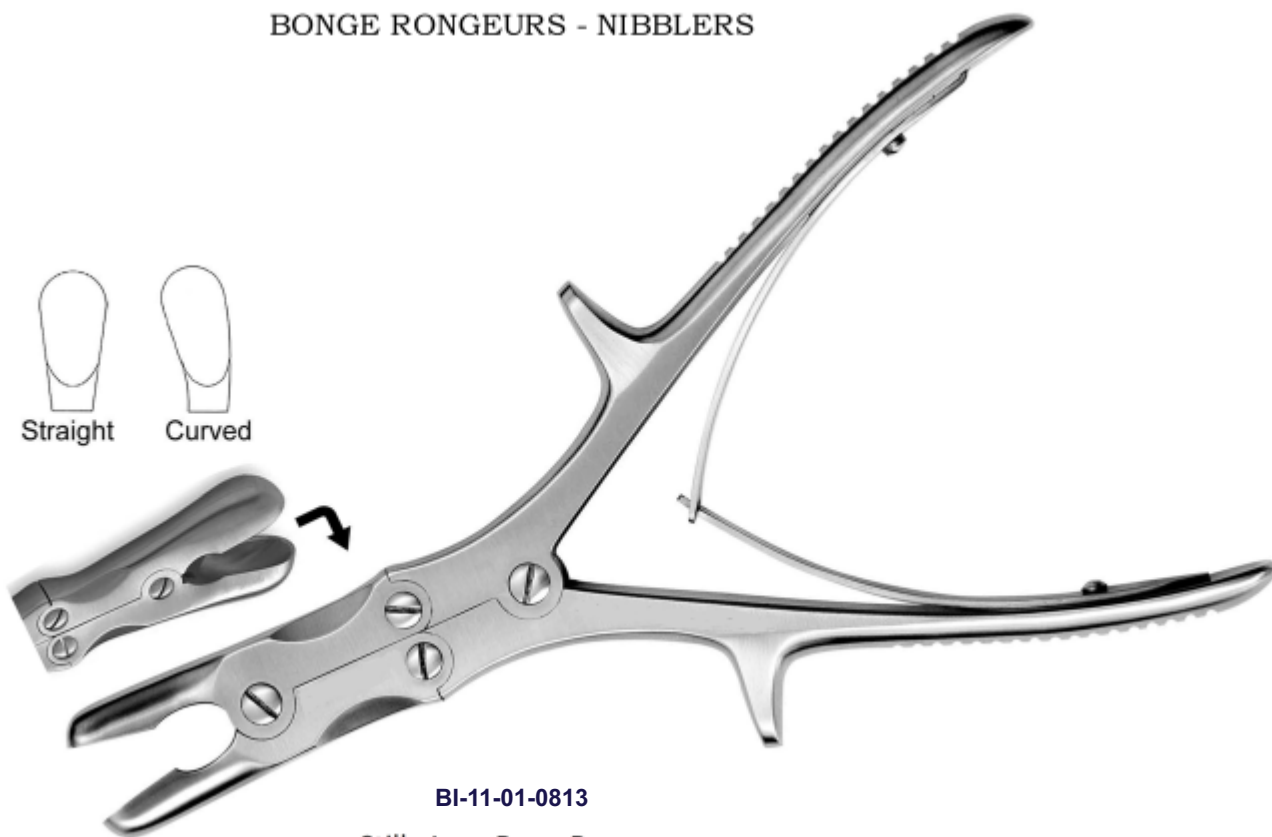


BI-11-01-0810A

BI-11-01-0812

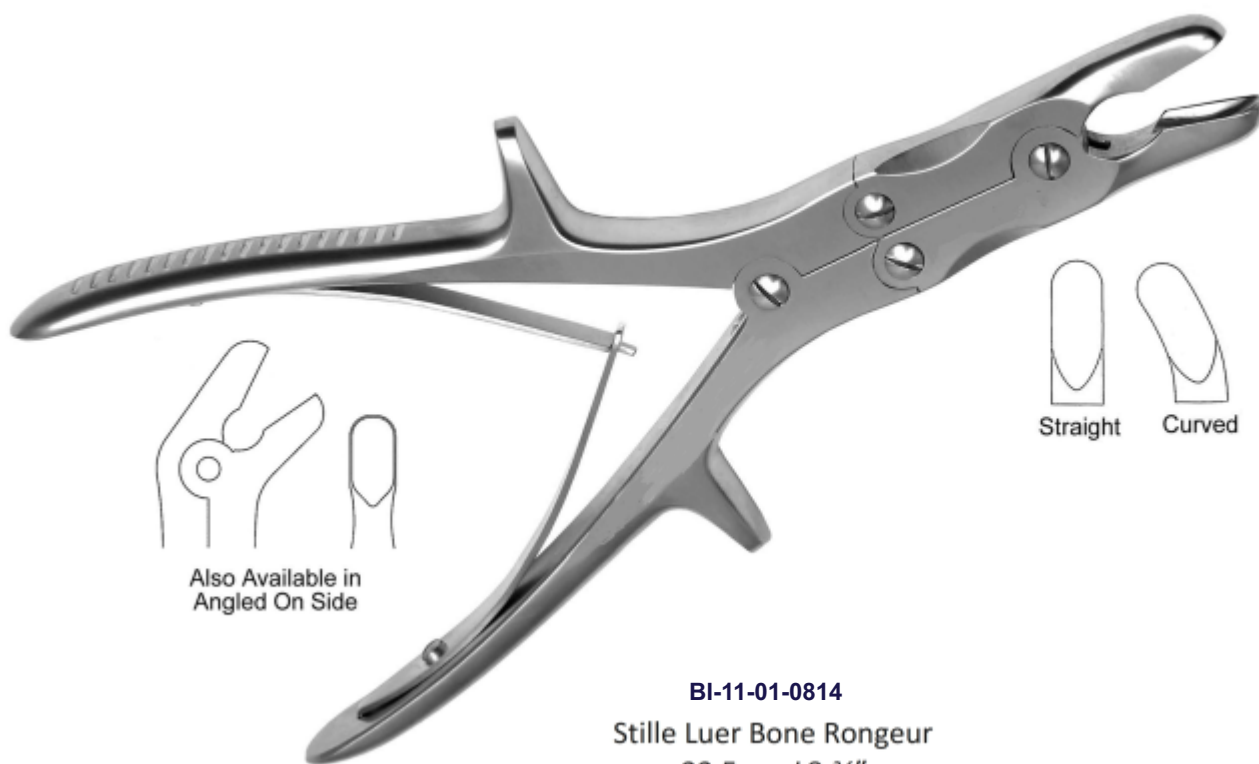
Stille Ruskin Bone Rongeur
23.5 cm / 9 1/4"

BONGE RONGEURS - NIBBLERS



BI-11-01-0813

Stille Luer Bone Rongeur
26.5 cm / 10 ½"



Also Available in
Angled On Side

BI-11-01-0814

Stille Luer Bone Rongeur
22.5 cm / 8 ¾"

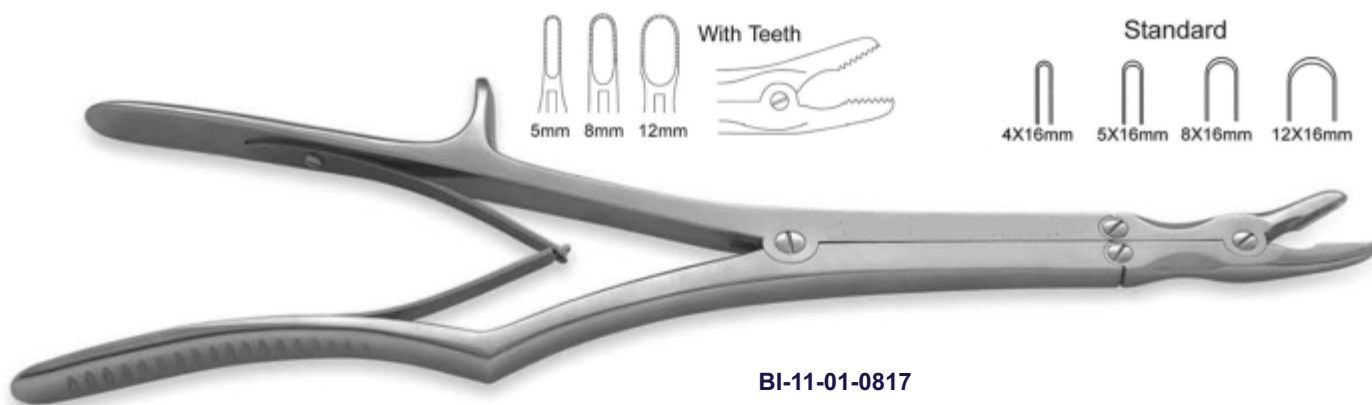


BI-11-01-0815
Mainz Long Neck Bone Rongeur
18 cm / 7"

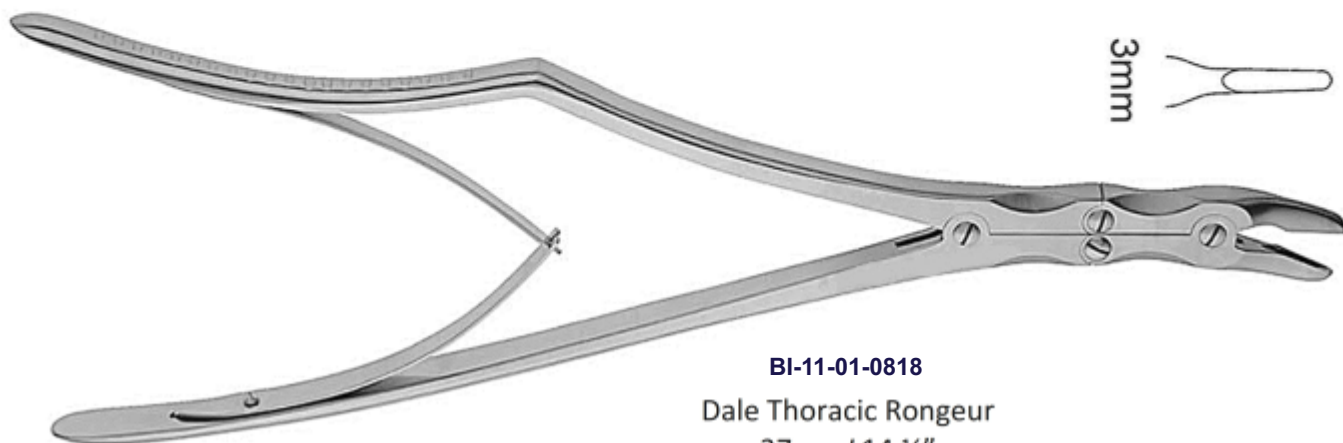


A: 3mm
B: 5mm
C: 8mm

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

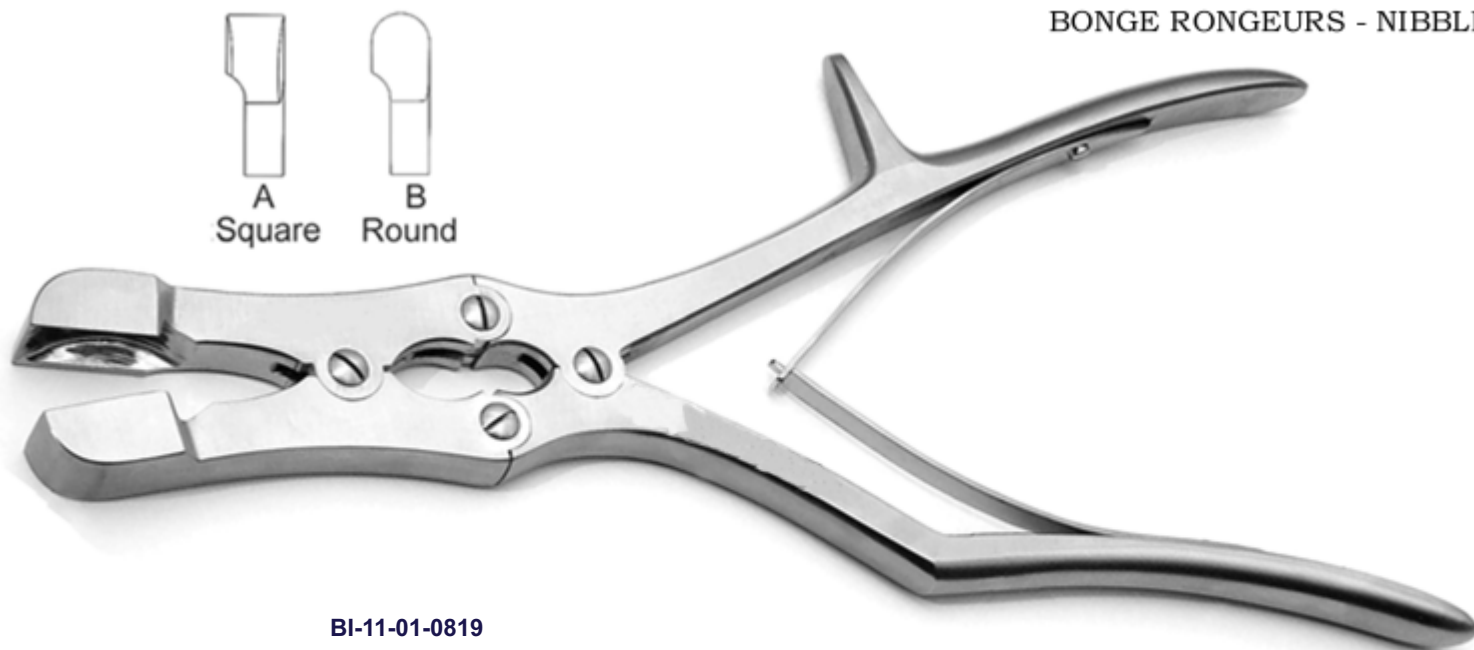


BI-11-01-0817
Syvert Rongeur 37 cm / 14 ½"

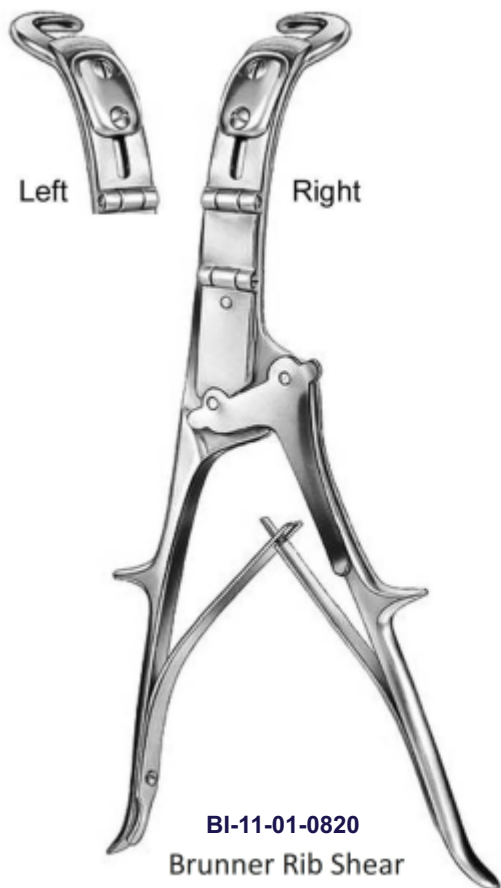


BI-11-01-0818
Dale Thoracic Rongeur
37 cm / 14 ½"

BONGE RONGEURS - NIBBLERS



BI-11-01-0819
Sauerbruch Bone Rongeur
37 cm / 14 ½"



BI-11-01-0820
Brunner Rib Shear
28 cm / 11"



BI-11-01-0821
Sauerbruch Rib Shear
A: 23 cm / 9" | B: 26 cm / 10 ¼"

RIB SHEARS



BI-11-01-0822
Giertz Stille Rib Shear
25 cm / 10"

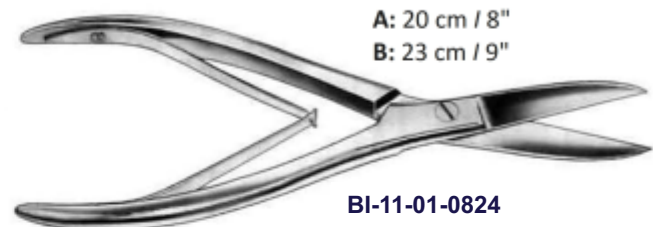


BI-11-01-0828
Gluck Rib Shear

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



BI-11-01-0823
Rib Shear Double Spring 22 cm / 8 ¾"



BI-11-01-0824
Rib Shear Double Spring
A: 20 cm / 8"
B: 23 cm / 9"



BI-11-01-0825
Collin Rib Shear 17.5 cm / 7"



BI-11-01-0826
Collin Rib Shear 17 cm / 6 ¾"

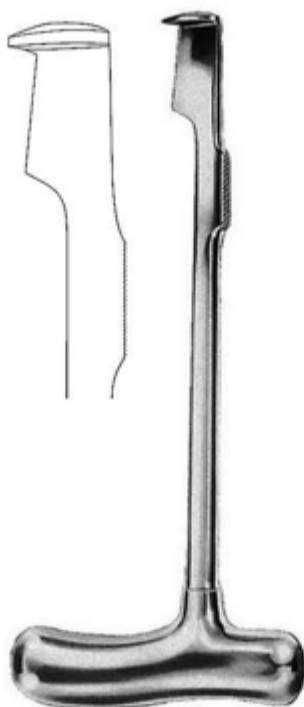


BI-11-01-0827
Stille Rib Shear 21 cm / 8 ¼"

RIB SHEARS



BI-11-01-0829
Labsche Rib Shear 25 cm / 10"



BI-11-01-0830
T Handle Labsehe Sternum Chisel
24 cm / 9 ½"



BI-11-01-0831
Rib Shear Sideward 17 cm / 6 ¾"



BI-11-01-0832B
Bethune Rib Shear
S Shaped Handle
34 cm / 13 ½"

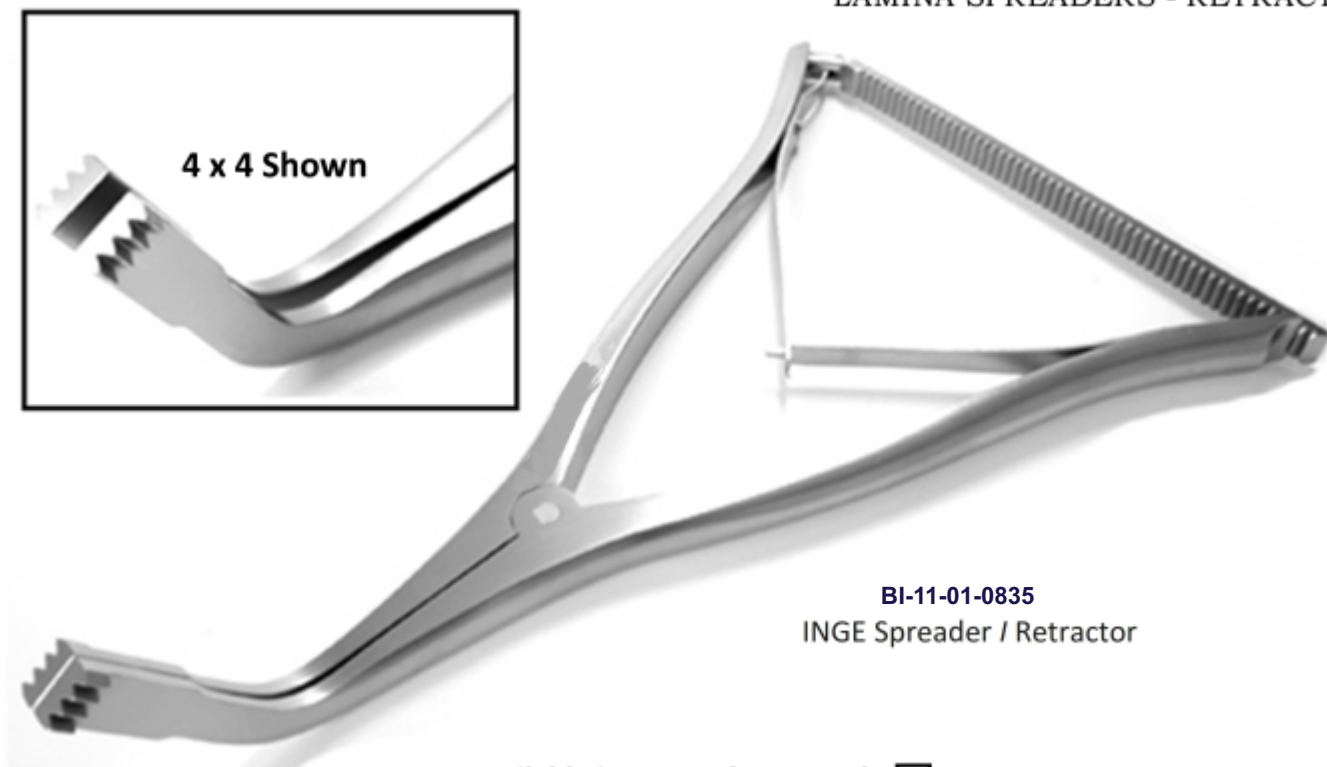


BI-11-01-0832A
Bethune Rib Shear
S Shaped Handle
34 cm / 13 ½"

RIB SHEARS



LAMINA SPREADERS - RETRACTORS



BI-11-01-0835

INGE Spreader / Retractor

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



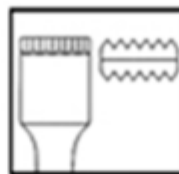
A: 4X4 Teeth
B: Without Teeth
16.5 cm / 6 1/2"



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



10 Inch Length Pattern



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



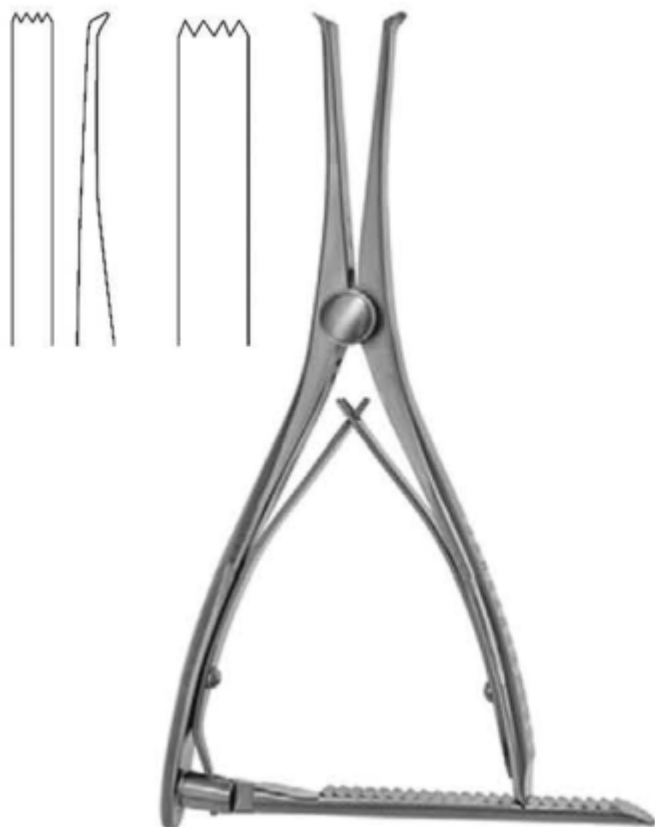
C: 6X6 Teeth
D: Without Teeth
27 cm / 10 1/2"
Concave Blades



BI-11-01-0836-1

Offset Lamina Spreader / Retractor
25.5 cm / 10"

LAMINA SPREADERS - RETRACTORS



BI-11-01-0836-2

Vertibra Spreader / Retractor
A: 18 cm / 7" | B: 28 cm / 11"



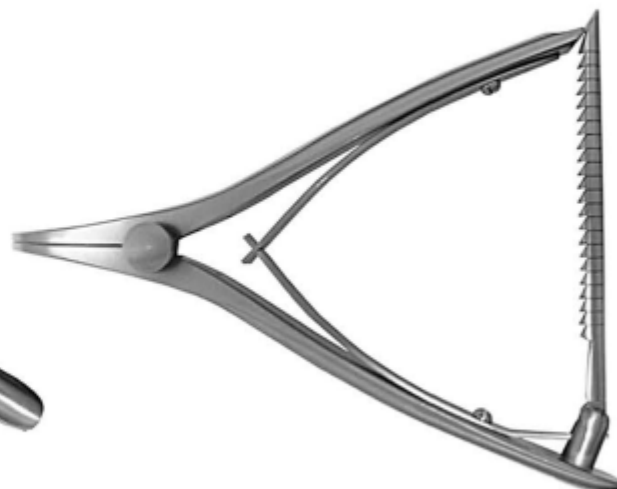
BI-11-01-0837

Inge Spreader
Serrated Outside Blades 18 cm / 7"



BI-11-01-0838

Saxsena Lamina Spreader / Retractor
A: 18 cm / 7" | B: 25.5 cm / 10"
Serrated Outside Blades



CALCANEAL – LAMBARDI SPREADERS



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



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



BI-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



BI-11-01-0842
Lombardi Femoral Tibial Spreader (Large)
A: Grooved Pads 22X13mm 23.5 cm / 9 ¼"
B: Diamond Cut Pads 22x13mm / 9 ¼"

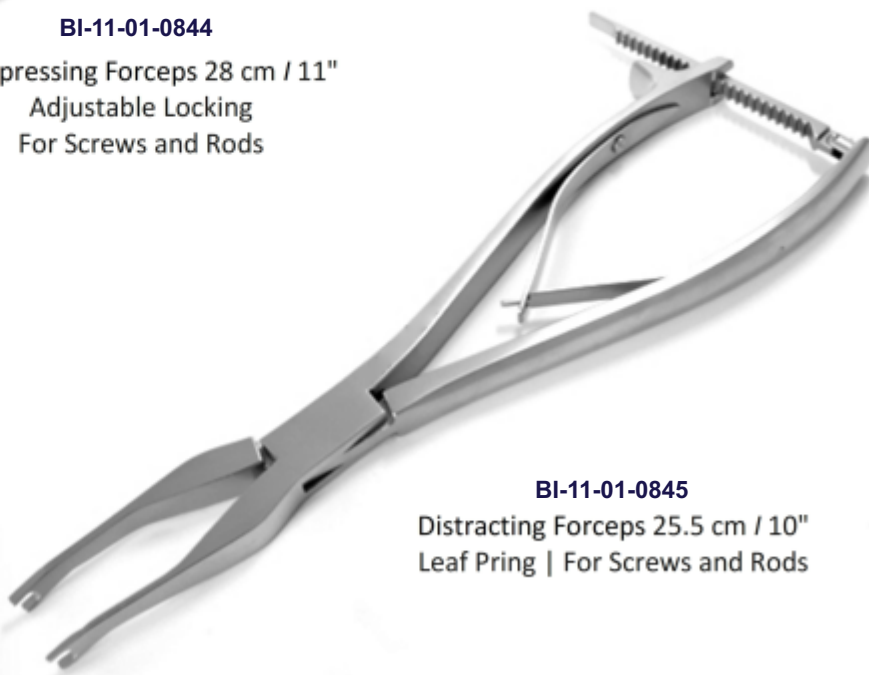
COMPRESSORS - DISTRACTORS



BI-11-01-0843
Distracting Forceps 23 cm / 9"
Long Ratchet / Spiral Pring
For Screws and Rods



BI-11-01-0844
Compressing Forceps 28 cm / 11"
Adjustable Locking
For Screws and Rods



BI-11-01-0845
Distracting Forceps 25.5 cm / 10"
Leaf Pring | For Screws and Rods

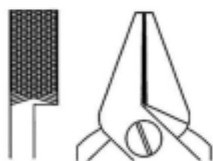
COMPRESSORS - DISTRACTORS



BI-11-01-0846
Distractor 25.5 cm / 10"
Leaf Pring | For Screws and Rods



BI-11-01-0847
Compression Forceps
28 cm / 11"
Leaf Pring / Long Ratchet
For Screws and Rods

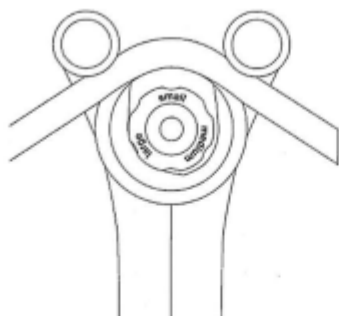


Non TC

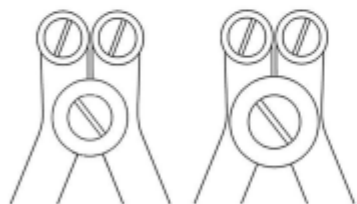


BI-11-01-0848
Jet Wire Twisting Device
28 cm / 11" - 10mm Tip

ROD BENDERS

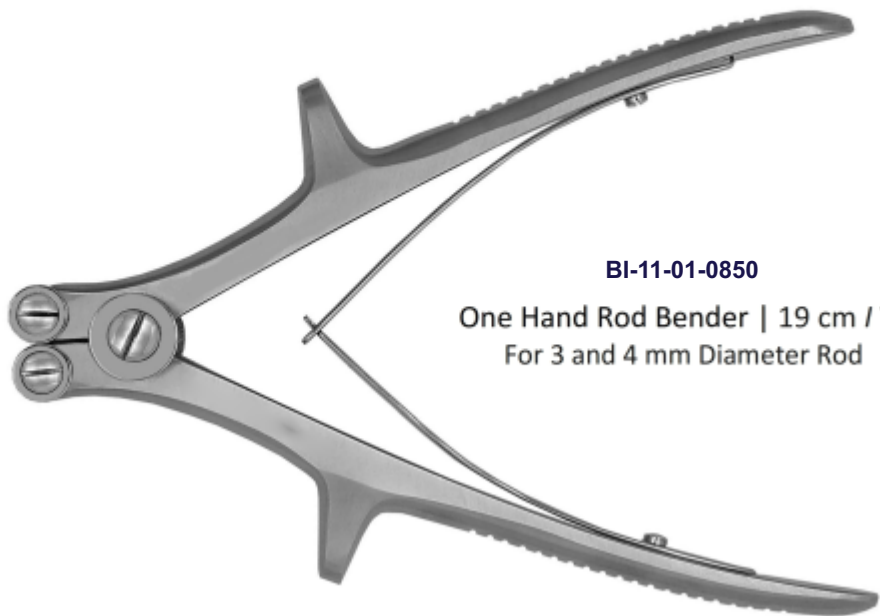


BI-11-01-0849
French Style Rod Bender
28 cm / 11" | Roller Type
For Small / Medium / Large Bends



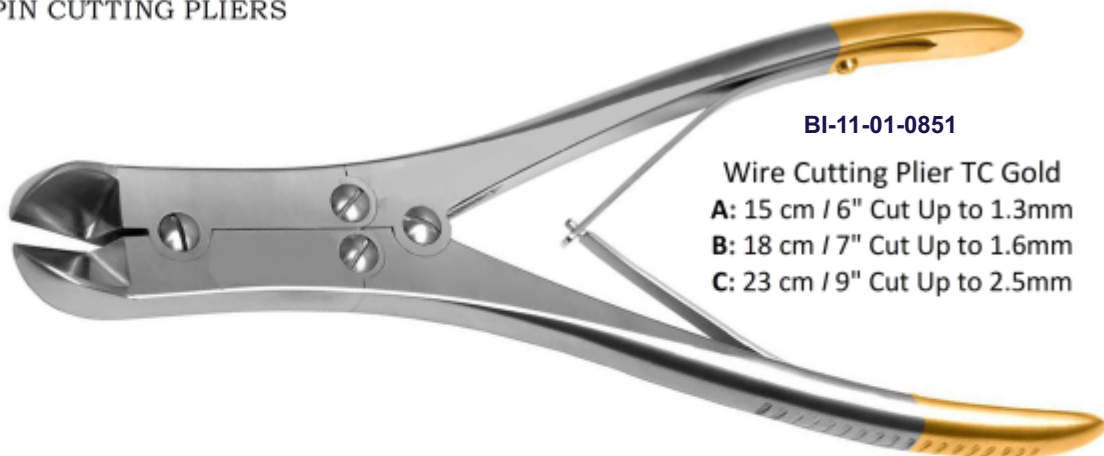
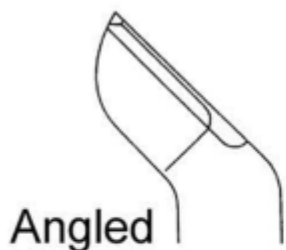
For 4mm Rod

For 3mm Rod



BI-11-01-0850
One Hand Rod Bender | 19 cm / 7"
For 3 and 4 mm Diameter Rod

CARBIDE INSERTED WIRE – PIN CUTTING PLIERS



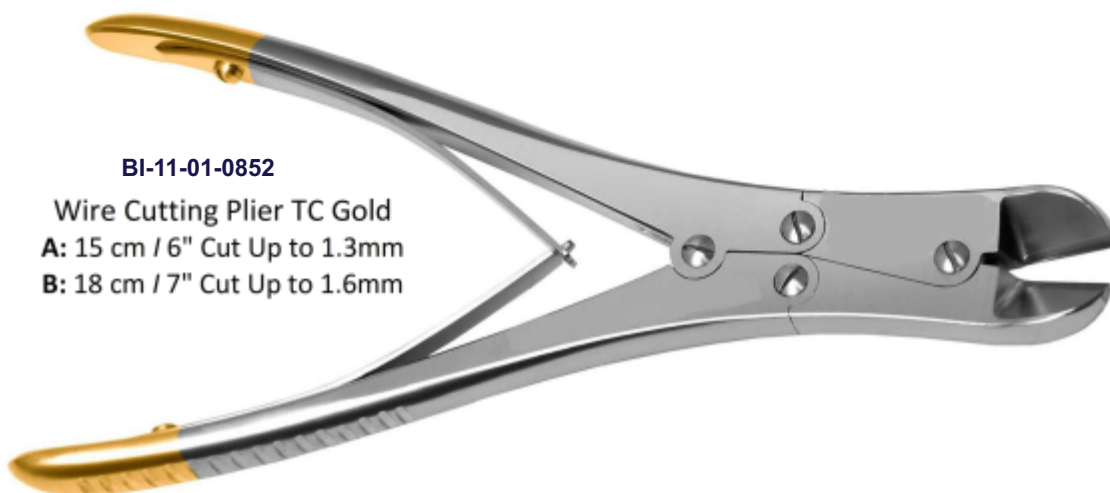
BI-11-01-0851

Wire Cutting Plier TC Gold

A: 15 cm / 6" Cut Up to 1.3mm

B: 18 cm / 7" Cut Up to 1.6mm

C: 23 cm / 9" Cut Up to 2.5mm

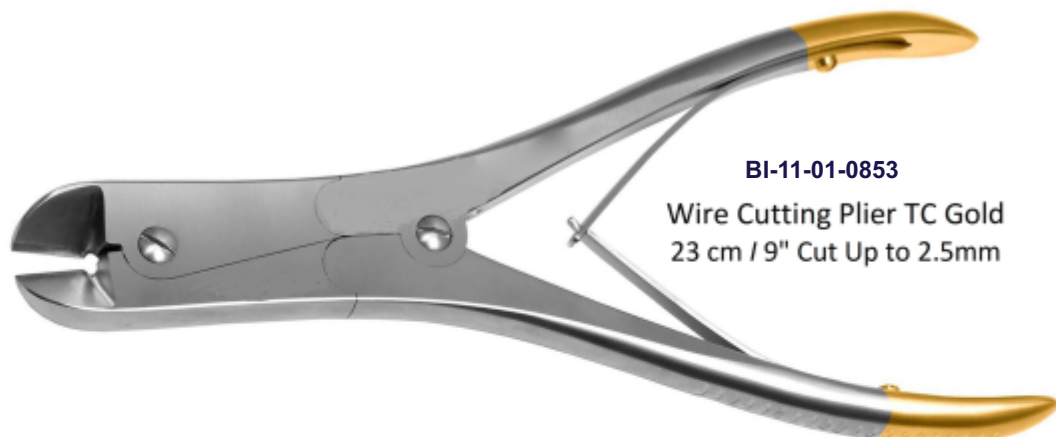


BI-11-01-0852

Wire Cutting Plier TC Gold

A: 15 cm / 6" Cut Up to 1.3mm

B: 18 cm / 7" Cut Up to 1.6mm



BI-11-01-0853

Wire Cutting Plier TC Gold

23 cm / 9" Cut Up to 2.5mm



BI-11-01-0854

Wire Cutting Plier TC Gold

18 cm / 7" Cut Up to 1.6mm

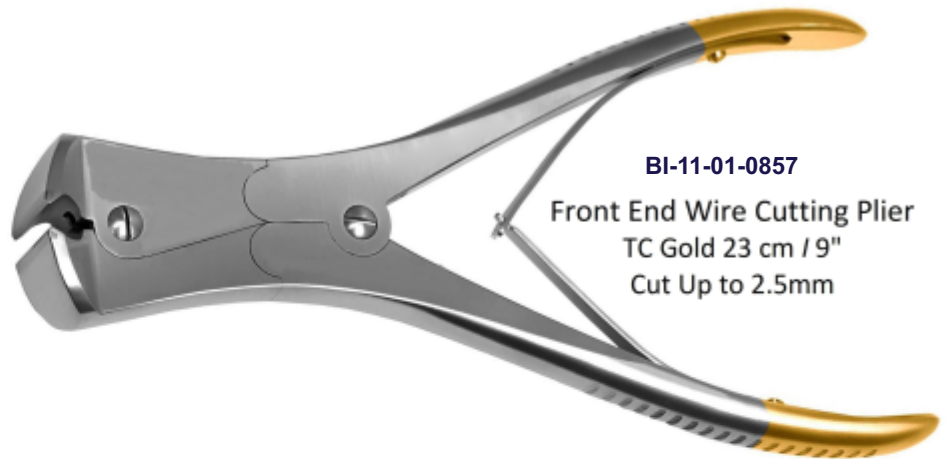
CARBIDE INSERTED WIRE – PIN CUTTING PLIERS



BI-11-01-0855
Cannulated Pin Cutter TC Gold
18 cm / 7" Cut Up to 1.5mm



BI-11-01-0856
Front End Wire Cutting Plier
TC Gold 15 cm / 6"
Cut Up to 1.3mm

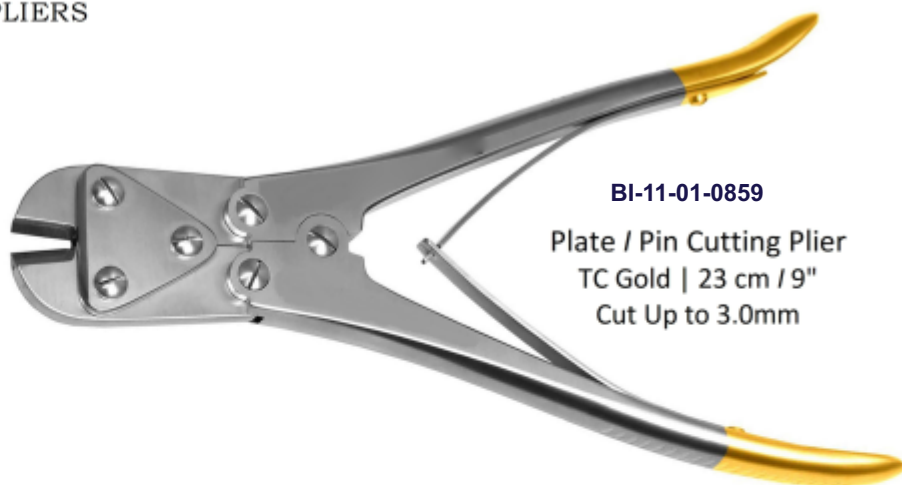


BI-11-01-0857
Front End Wire Cutting Plier
TC Gold 23 cm / 9"
Cut Up to 2.5mm

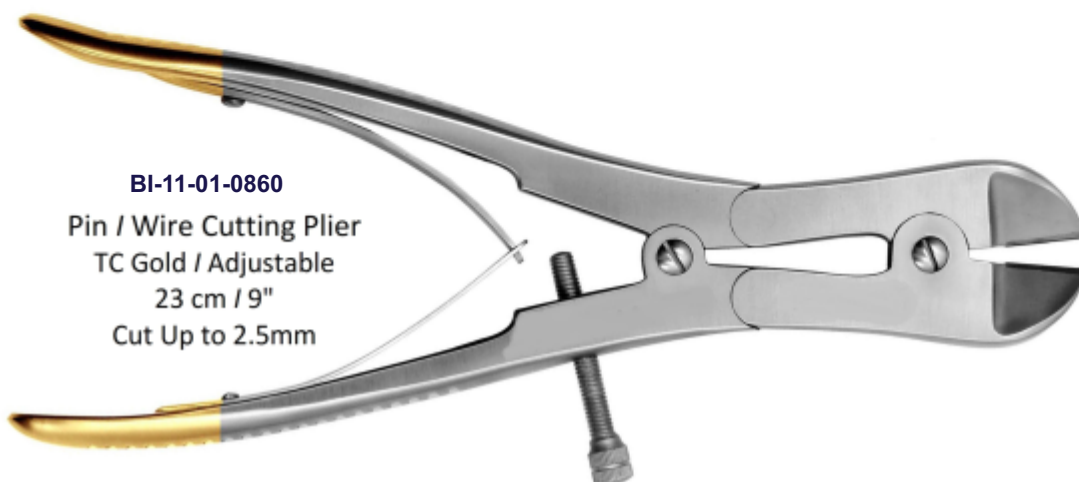


BI-11-01-0858
Front End Wire Cutting Plier
TC Gold 23 cm / 9"
Cut Up to 2.5mm

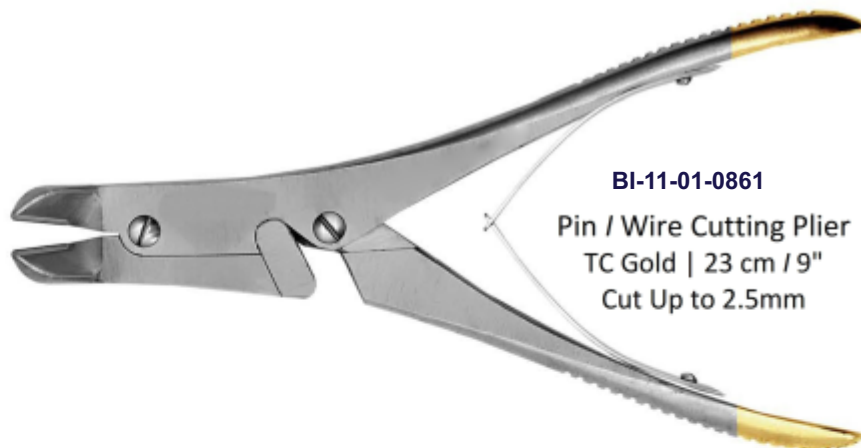
CARBIDE INSERTED WIRE – PIN CUTTING PLIERS



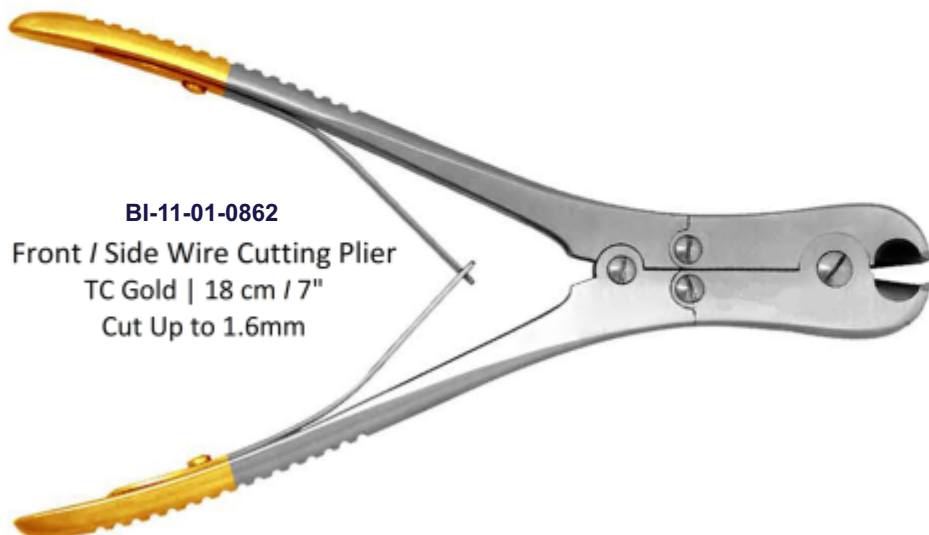
BI-11-01-0859
Plate / Pin Cutting Plier
TC Gold | 23 cm / 9"
Cut Up to 3.0mm



BI-11-01-0860
Pin / Wire Cutting Plier
TC Gold / Adjustable
23 cm / 9"
Cut Up to 2.5mm

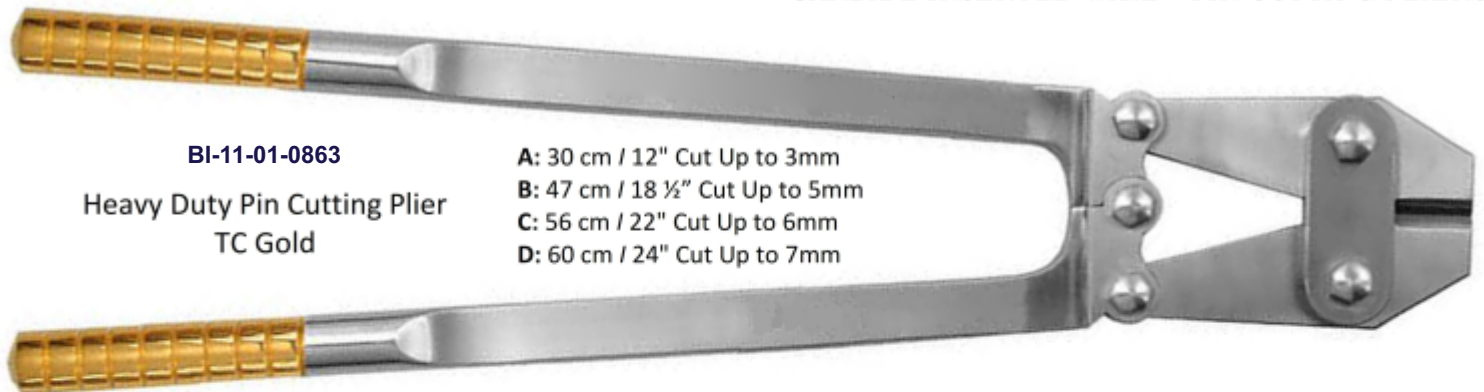


BI-11-01-0861
Pin / Wire Cutting Plier
TC Gold | 23 cm / 9"
Cut Up to 2.5mm



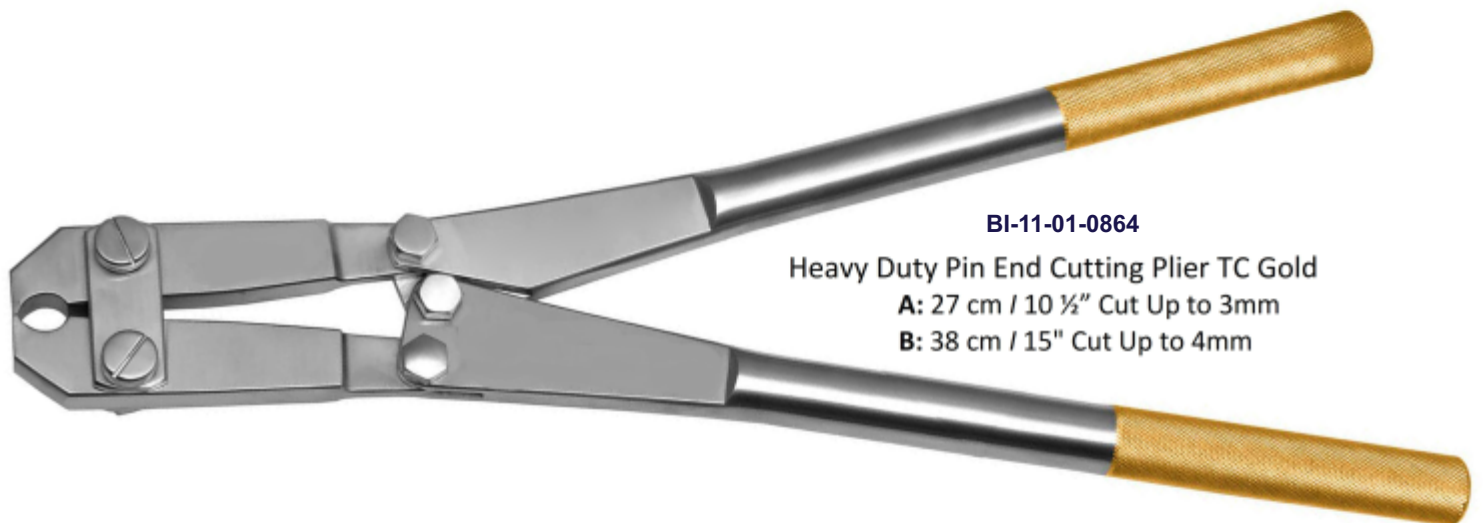
BI-11-01-0862
Front / Side Wire Cutting Plier
TC Gold | 18 cm / 7"
Cut Up to 1.6mm

CARBIDE INSERTED WIRE – PIN CUTTING PLIERS

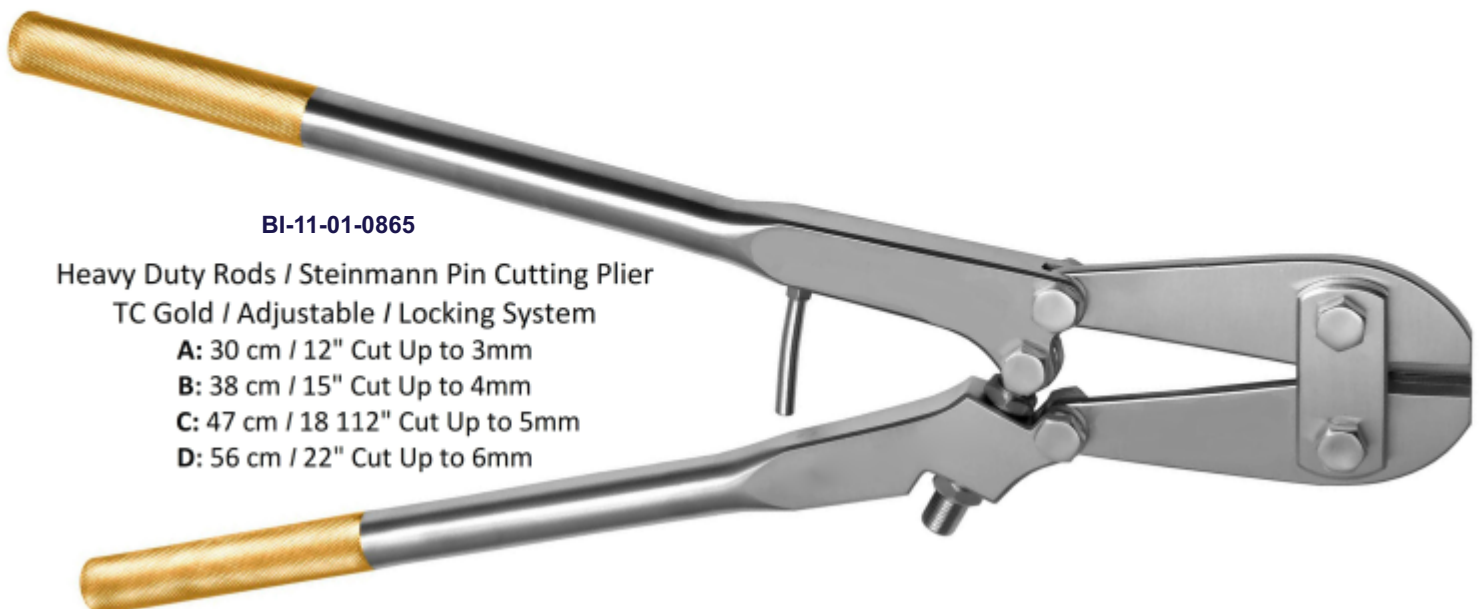


BI-11-01-0863
Heavy Duty Pin Cutting Plier
TC Gold

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



BI-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



BI-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

CARBIDE INSERTED SURGICAL SCISSORS



BI-11-01-0866
Wire Twisting Forceps



BI-11-01-0867
Wire Twisting Forceps



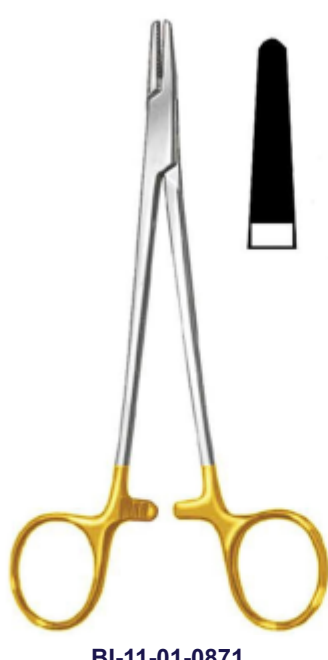
BI-11-01-0868
Wire Twisting Forceps



BI-11-01-0869
Corwin Combi-Wire Twisting
Forceps 18.5 cm / 7 1/4"



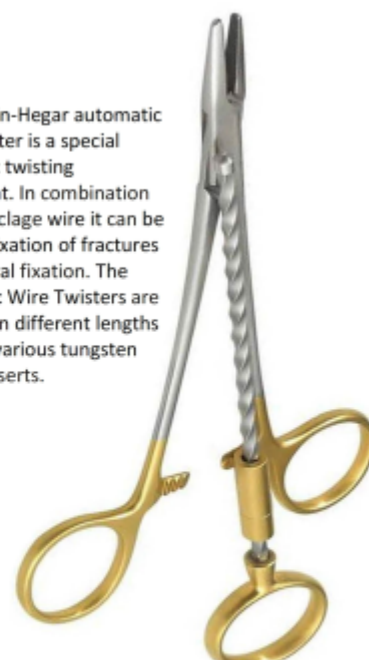
BI-11-01-0870
Wire Twisting Forceps
15.5 cm / 6"



BI-11-01-0871
Wire Twisting Forceps
16 cm / 6 1/4"



BI-11-01-0872
Wire Twisting Forceps
Heavy Pattern
19 cm / 7 1/2"



BI-11-01-0873
Corwin-Hegar
Auto Wire Twisting Forceps
15 cm / 6"

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

CARBIDE INSERTED SURGICAL SCISSORS

Blunt / Blunt

A: 14.5 cm / 5 ¾" Str or Cvd

B: 17 cm / 6 ¾" Str or Cvd

C: 23 cm / 9" Str or Cvd

BI-11-01-0874

Mayo Scissors TC Gold



Sharp / Sharp
Cvd or Str

Blunt / Blunt
Cvd or Str

Sharp / Blunt
Cvd or Str

BI-11-01-0875

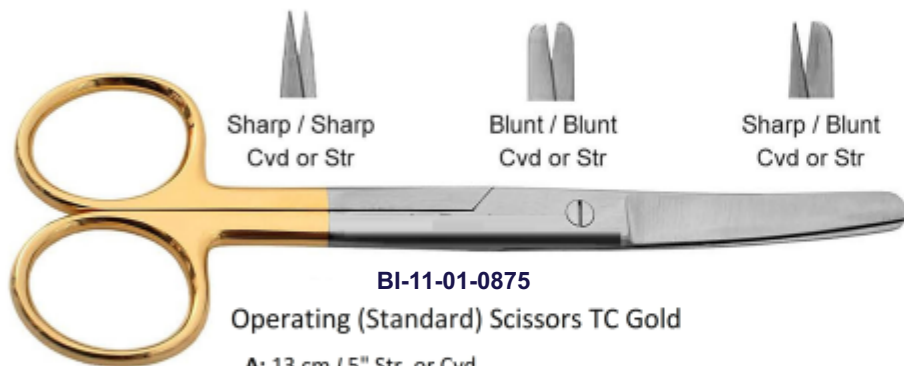
Operating (Standard) Scissors TC Gold

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

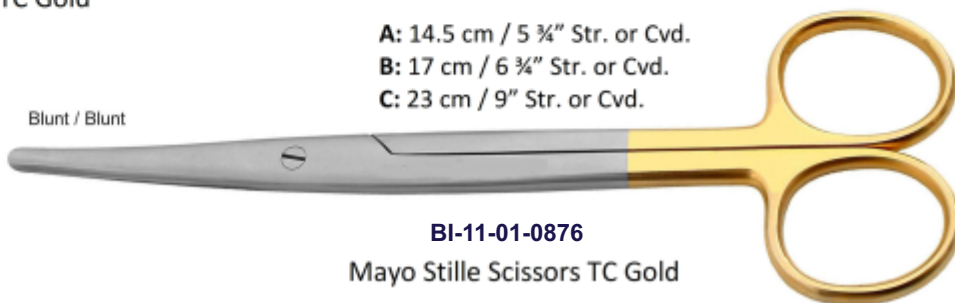


Blunt / Blunt

A: 14.5 cm / 5 ¾" Str. or Cvd.

B: 17 cm / 6 ¾" Str. or Cvd.

C: 23 cm / 9" Str. or Cvd.



BI-11-01-0876

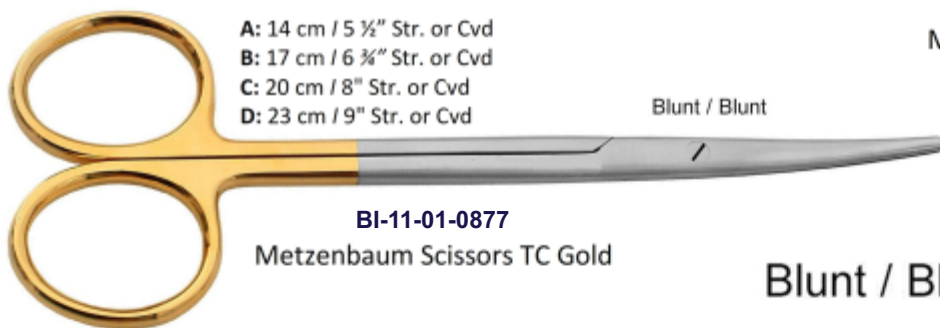
Mayo Stille Scissors TC Gold

A: 14 cm / 5 ½" Str. or Cvd

B: 17 cm / 6 ¾" Str. or Cvd

C: 20 cm / 8" Str. or Cvd

D: 23 cm / 9" Str. or Cvd



Blunt / Blunt

BI-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



BI-11-01-0878

Mayo-Harrington Scissors TC Gold

BI-11-01-0879

Ortho Universal Scissors TC Gold

12 cm / 4 1/3"



BI-11-01-0880

Mayo-Nobel Scissors TC Gold

16.5 cm / 6 ½" Str. or Cvd



INSTRUMENTS FOR TRAUMATOLOGY



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 4mm 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



BI-11-01-0881

Tap for 1.5mm Cortex Screws

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



BI-11-01-0882

Tap for 6.5mm Cancellous Bone Screws

Length 195mm, predrilling 3.2mm dia.



BI-11-01-0883

Tap for 4.0mm Cancellous Bone Screws

Total Length 110mm, Usable Length 85mm



BI-11-01-0884

Tap Cannulated, for 7.0mm Cannulated Screws
Length 230mm

INSTRUMENTS FOR TRAUMATOLOGY



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

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

<u>Item</u>	<u>Thread</u>	<u>length</u>
102.001	24mm	053mm
102.002	38mm	100mm

<u>Item</u>	<u>Thread length</u>	<u>Total length</u>
102.005	33mm	100mm
102.006	40mm	150mm

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

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.



BI-11-01-0885

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



BI-11-01-0886

Router, for Jacobs chuck
Length 90mm



BI-11-01-0887

Router, for quick coupling
Length 90mm



BI-11-01-0888

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



BI-11-01-0889

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



BI-11-01-0890

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

INSTRUMENTS FOR TRUAMATOLOGY



BI-11-01-0891

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



BI-11-01-0892

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



BI-11-01-0893

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



BI-11-01-0894

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



BI-11-01-0895

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



BI-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.



BI-11-01-0897

Handle with mini quick coupling



BI-11-01-0898

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



BI-11-01-0899

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



BI-11-01-0900

Handle, small, with mini quick coupling

INSTRUMENTS FOR TRUAMATOLOGY



BI-11-01-0901

Handle, medium, with mini quick coupling



BI-11-01-0902

Handle, Large, with mini quick coupling



BI-11-01-0903

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



BI-11-01-0904

Screwdriver with Universal Joint, large
Length 290mm



BI-11-01-0905

Screwdriver, hexagonal, large, with groove
Length 240mm



BI-11-01-0906

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



BI-11-01-0907

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



BI-11-01-0908

Holding Sleeve for Mini Screws single



BI-11-01-0909

Holding Sleeve



BI-11-01-0911

Holding Sleeve single



BI-11-01-0910

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



BI-11-01-0912

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

INSTRUMENTS FOR TRUAMATOLOGY



BI-11-01-0913

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



BI-11-01-0915

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



BI-11-01-0917

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



BI-11-01-0918

Handle for Drill Guides single



BI-11-01-0919

Drill Sleeve 3.0 with point length 55mm



BI-11-01-0914

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



BI-11-01-0916

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



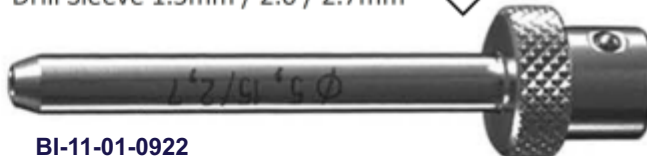
BI-11-01-0920

Handle for Drill Guides single



BI-11-01-0921

Drill Sleeve 1.5mm / 2.0 / 2.7mm



BI-11-01-0922

Drill Sleeve 2.7



BI-11-01-0923

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



BI-11-01-0924

Double Drill Sleeve 2.0/1.5 for
2.7mm cortex screw



BI-11-01-0925

Double Drill Sleeve 2.7/2.0
For 2.7mm cortex screws



BI-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.,

INSTRUMENTS FOR TRUAMATOLOGY



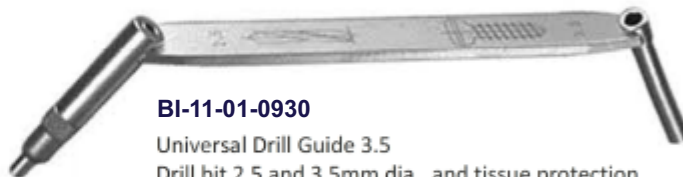
BI-11-01-0927
Double Drill Sleeve 4.5/3.2
For 4.5mm cortex screws
Drill bits: 4.5 and 3.2mm dia.



BI-11-01-0928
Double Drill Sleeve 6.5/3.2
For 6.5mm cancellous bone screws
Drill bit: 3.2mm dia.



BI-11-01-0929
Universal Drill Sleeve 2.7
Drill bits 2.0 and 2.7mm dia.,
Suitable for LC-DCP and round hole plates.



BI-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.



BI-11-01-0931
Universal Drill Guide 4.5/3.2
Drill bits 3.2 and 4.5mm dia.



BI-11-01-0932
DCP Drill Guide 2.0
For neutral and load position
Drill bit 1.5mm dia.



BI-11-01-0933
DCP Drill Guide 2.7
For neutral and load position
Drill bit 2.0mm dia.



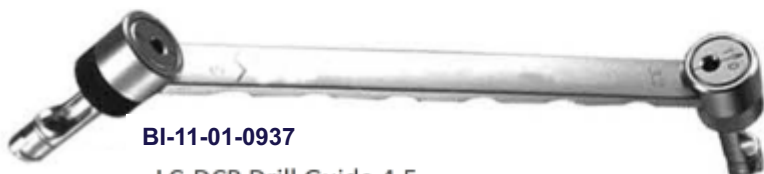
BI-11-01-0934
DCP Drill Guide 3.5
For neutral a load position, drill bit 2.5mm
dia.



BI-11-01-0935
DCP Drill Guide 4.5
For neutral and load position, drill bit
3.2mm dia.



BI-11-01-0936
LC-DCP Drill Guide 3.5
For neutral a load position, drill bit 2.5mm dia.



BI-11-01-0937
LC-DCP Drill Guide 4.5
For neutral and load position, drill bit 3.2mm dia.

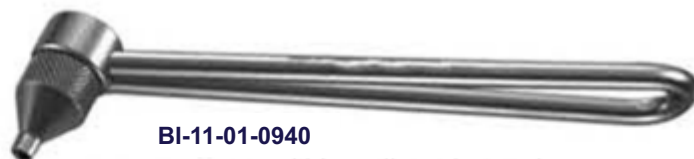


BI-11-01-0938
DCP Hip Drill Guide 4.5, for neutral
and load position, for 4.5mm screws
with DHS and angled blade plates, sleeve
length 60mm, drill bit 3.2mm dia.

INSTRUMENTS FOR TRAUMATOLOGY



BI-11-01-0939
Triple Drill Sleeve 2.0
with 3 holes, opposite side 1 hole



BI-11-01-0940
DCP Mandible Drill Guide 2.7 short
drill bit 2.0mm dia.



BI-11-01-0941
DCP Mandible Drill Guide 2.7 long
drill bit 2.0mm dia.



BI-11-01-0942
Insert Drill Sleeve with stop, for 4.5mm screws
adjustable length to limit drilling depth,
external dia. 4.5mm for drill bits of 3.2mm dia.



BI-11-01-0943
Parallel drill Guide 4.5
For percutaneous insertion of 7.0mm cannulated screws



BI-11-01-0944
Parallel Wire Guide 2.0mm dia.



BI-11-01-0945
Depth Gauge for 2.7 to 4.0mm screws
measuring range up to 60mm



BI-11-01-0948
Bending Iron for plates 2.7 and 3.5
Length 150mm, slid widths 2.5 and 4.5mm, required pairs
Slid placement: 4.5 / 2.5
Slid placement: 2.5/4.5



BI-11-01-0946
Depth Gauge for 2.7 to 4.0mm screws measuring
range up to 60mm



BI-11-01-0947
Depth Gauge for 4.5mm to 6.5mm screws measuring
range up to 110mm



BI-11-01-0949-1
Bending Iron for plates 1.5 and 2.5
Length: 130mm, slid width: 2.5mm

INSTRUMENTS FOR TRUAMATOLOGY

BI-11-01-0949-2

Triple Drill Guide

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



BI-11-01-0950

Drill Guide with stop 3.5/2.7 to limit drilling depth



BI-11-01-0951

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



BI-11-01-0952

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



BI-11-01-0953

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



BI-11-01-0955

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



BI-11-01-0954

Holding Sleeve, large, length 120mm



BI-11-01-0956

Drill Sleeve, pointed



BI-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

INSTRUMENTS FOR TRUAMATOLOGY



BI-11-01-0958

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



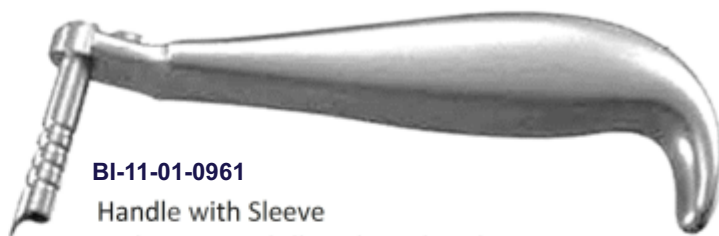
BI-11-01-0959

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



BI-11-01-0960

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



BI-11-01-0961

Handle with Sleeve
with rotating drill guide and anchoring point



BI-11-01-0962

Trocar Point, large



BI-11-01-0964

Combination Wrench 11mm length 140mm



BI-11-01-0963

Cheek Retractor Ring



BI-11-01-0965

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



BI-11-01-0966

Socket Wrench 11mm
Length 200mm



BI-11-01-0967

Slotted Hammer
Length 270mm



BI-11-01-0968

Insertor/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.



BI-11-01-0969

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

INSTRUMENTS FOR TRUAMATOLOGY



BI-11-01-0970

Inserter/Extractor

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



BI-11-01-0971

Bending Pliers for Reconstruction Plates 2.7 and 3.5
Length 240mm



BI-11-01-0972

Bending Pliers for plate 2.4 to 4.0
Length 230mm



BI-11-01-0973

Cutter for thin plates 1.5 to 2.7
Length 256mm



BI-11-01-0974

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



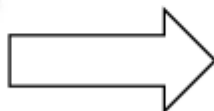
BI-11-01-0975

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



BI-11-01-0976

Bending Pliers for Plates



BI-11-01-0977

Anvil, narrow



BI-11-01-0978

Anvil, Large

INSTRUMENTS FOR TRUAMATOLOGY

BI-11-01-0979

Bending Press
Length 400mm



BI-11-01-0980

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



BI-11-01-0981

Chisel Guide
With adjustable angle



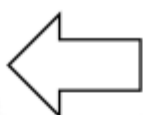
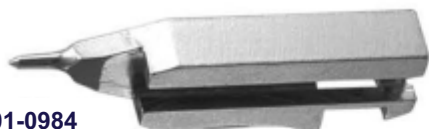
BI-11-01-0983

Blade with foot single



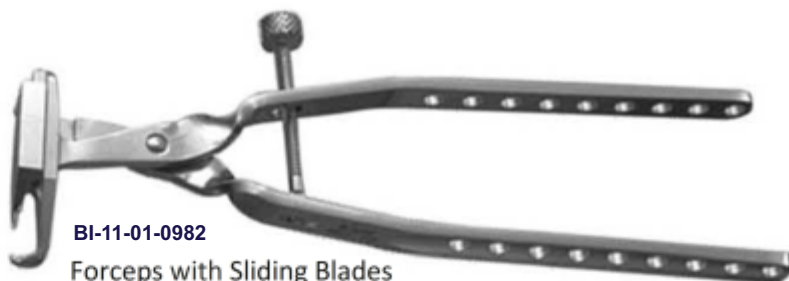
BI-11-01-0984

Blade with tip single



BI-11-01-0982

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



BI-11-01-0985

Wire Passer 45mm bending diameter



BI-11-01-0986

Wire Passer 70mm bending diameter



BI-11-01-0987

Holding Clip



BI-11-01-0988

Wire Tightener
Length 240mm, with handle and two pegs



INSTRUMENTS FOR TRUAMATOLOGY



BI-11-01-0989

Handle with quick coupling
Length 150 mm



BI-11-01-0990

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



BI-11-01-0991

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



BI-11-01-0992

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



BI-11-01-0993

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



BI-11-01-0994

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



BI-11-01-0995

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



BI-11-01-0996

Rasp round
Length: 140 mm



BI-11-01-0997

Rasp, half-round
Length: 140 mm



BI-11-01-0998

Gouge, straight, 5mm wide
Length 140 mm



BI-11-01-0999

Gouge, curved, 5mm wide
Length 140 mm



BI-11-01-1000

Gouge, straight, 10 mm wide
Length 140mm



BI-11-01-1001

Gouge, curved, 10 mm wide
Length 140 mm



BI-11-01-1002

Gouge, curved, 15 mm wide
Length 140 mm

INSTRUMENTS FOR TRUAMATOLOGY



BI-11-01-1003

Gouge, straight, 15 mm wide
Length 140 mm



BI-11-01-1004

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



BI-11-01-1005

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



BI-11-01-1006

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



BI-11-01-1007

Chisel, flat, 20 mm wide
Length 140 mm



BI-11-01-1008

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

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