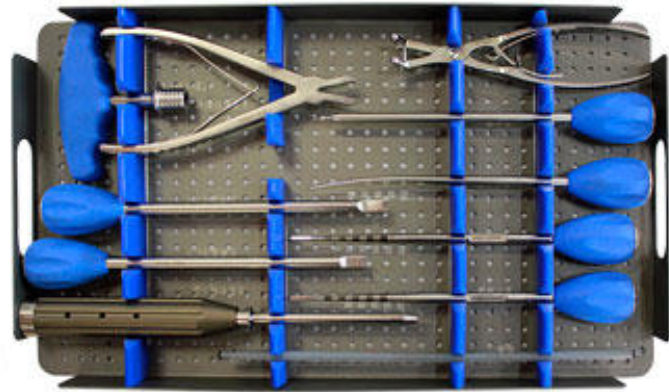
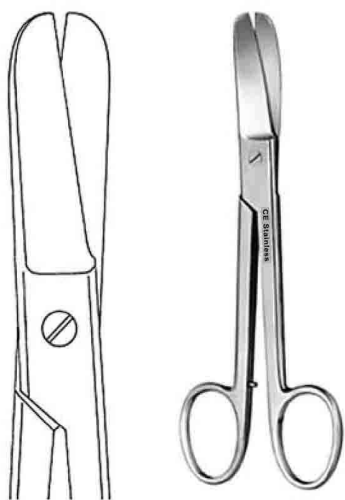




Orthopedic & Spine Instruments

ORTHOPEDIC DRESSING INSTRUMENTS

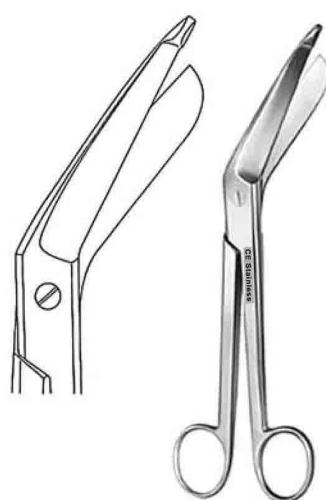


30-100-23
Lorenz Bandage Scissors
Heavy Pattern (23 cm / 9")



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

30-101-14
Lister Bandage Scissors
14.5 cm / 5 3/4"



30-102-23
Bergmann Plaster Shears
Heavy Pattern
23.5 cm / 9 1/4"



30-103-20
Esmarch Plaster Shears
Heavy Pattern, Short Blades
20 cm / 8"



Also available
in 18 cm / 7 1/2"

30-104-16
Bandage Scissors
16 cm / 6 1/4"
Black Plastic Rings



30-105-24
Bruns Plaster Scissors
24 cm / 9 1/2"
One Serrated Cutting Edge



B: 26 cm / 10"
C: 38 cm / 15"

30-106-00
Stille-Martin
Plaster Shears
A: 23 cm / 9"



30-107-15
Engel Plaster Saw 15.5 cm / 6"



30-108-20
Hopkins Plaster Knife
20 cm / 8"
with Wooden Handle



30-109-18
Esmarch
Plaster Knife
18 cm / 7"



30-110-18
Reiner
Plaster Knife
18 cm / 7"



30-111-21
Martin
Plaster Knife
21 cm / 8 1/4"

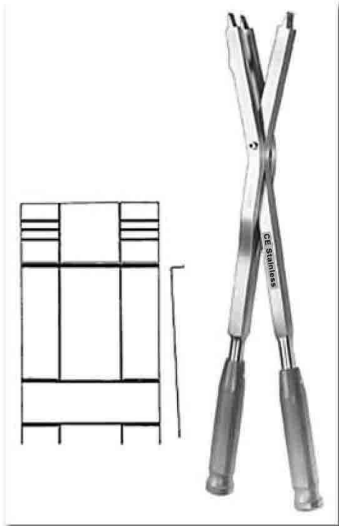


45-112-15
Engel Plaster Saw 15.5 cm / 6"



45-113-18
Bergmann
Plaster Saw
18 cm / 7"

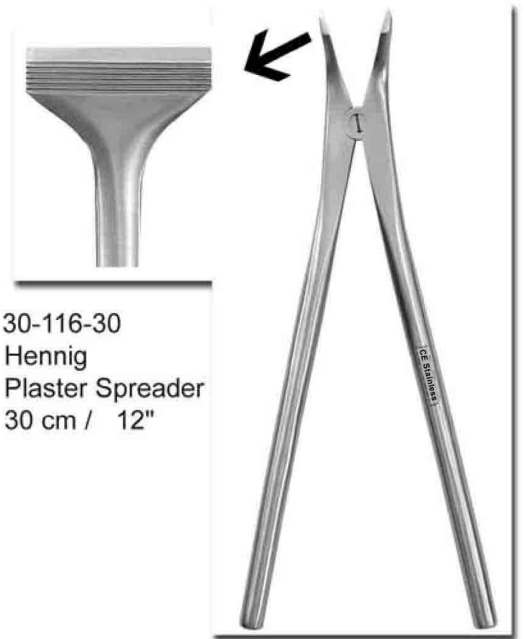
PLASTER CAST INSTRUMENTS



30-114-48
Hermann Plaster Spreader
48 cm / 19" Heavy Pattern



30-115-28
Hennig Plaster Spreader
28 cm / 11"



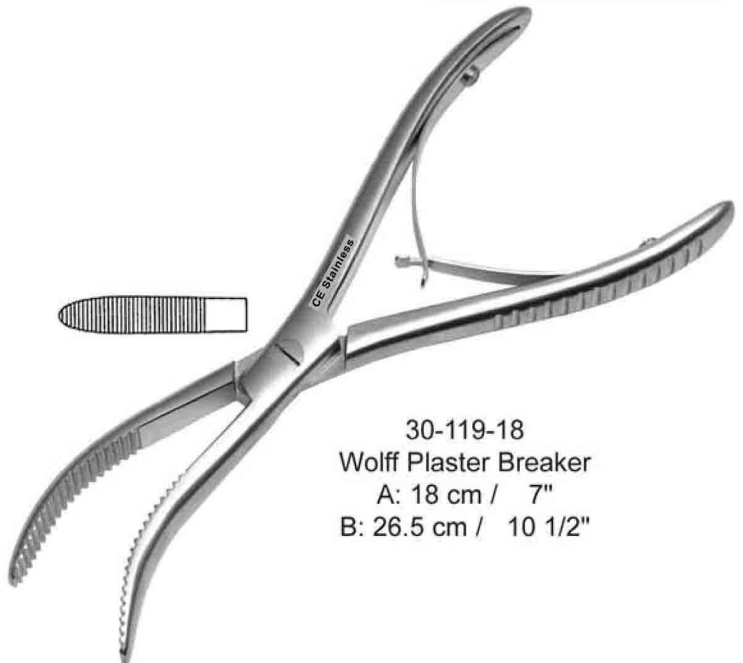
30-116-30
Hennig
Plaster Spreader
30 cm / 12"



30-117-30
Beeson Plaster Spreader
1.5 In Blade
30 cm / 12"

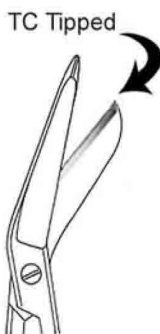


30-118-23
Walton Plaster Spreader
w/Spring 3 Prongs
23 cm / 9"



30-119-18
Wolff Plaster Breaker
A: 18 cm / 7"
B: 26.5 cm / 10 1/2"

Also Available
in Non TC
Version



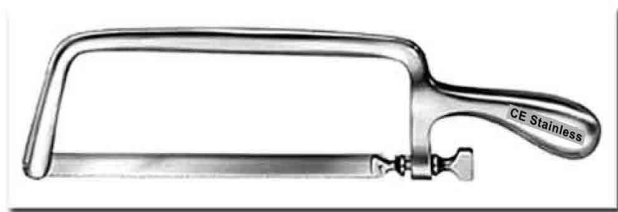
30-120-18-TC
Lister
Bandage Scissors
TC / Handle gold
18 cm / 7"



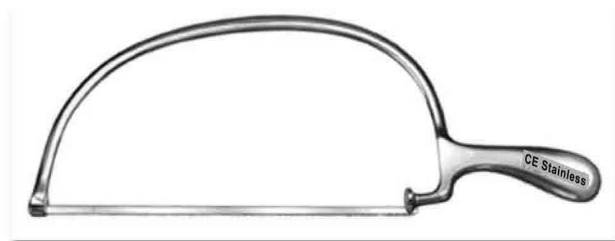
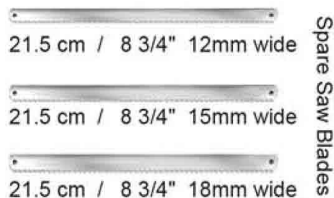
30-121-24-TC
Bruns
Plaster Scissors
24 cm / 9 1/2"
Also Available
in Non TC
Version



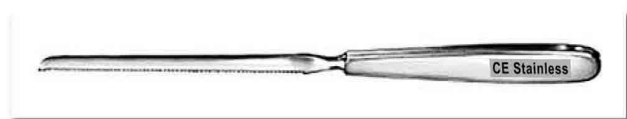
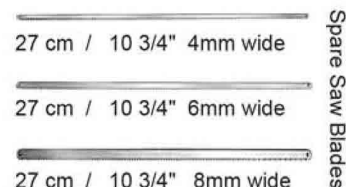
AMPUTATION SAWS - GIGLI SAW



30-122-00 Charrière Amputation Saw
35 cm / 13 3/4"



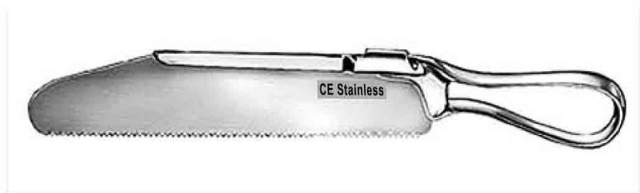
30-123-00 BIER Amputation Saw
40.5 cm / 16"



30-124-24
Langenbeck Amputation Saw
24.5 cm / 9 3/4"



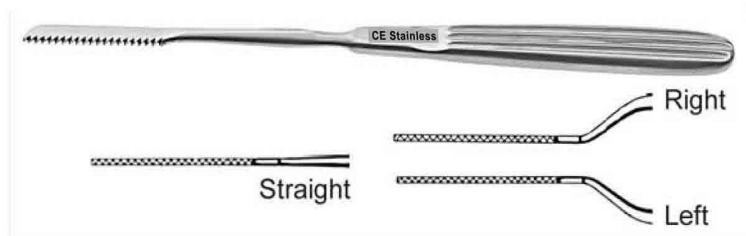
30-125-29 Satterlee Amputation Saw 29 cm / 11 1/2"
Also: Spare Saw Blade Available in 20 cm / 8 1/4" Size



30-126-27 Charrière Amputation Saw 27 cm / 10 1/2"



30-127-23 Satterlee Amputation Saw 23 cm / 9"



30-128-18 Joseph Amputation Saw 18 cm / 7"



30-129-30 Percy Amputation Shield 30 cm / 12"

- 30-130-00
A: Gigli Saw 30cm
B: Gigli Saw 50cm
C: Tyler Gigli Saw (Large Cut) 30cm
D: Tyler Gigli Saw (Large Cut) 30cm



30-131-00 Gigli
Sold in Pair

30-132-01 Struly Gigli
Sold in Pair



30-133-02
Gigli
Sold in Pair

30-134-03
Struly Gigli
Sold in Pair



30-135-30
BAILEY Gigli Saw Guide 30cm



30-136-28
POPPE Gigli Saw Guide 28cm

REAMERS - AWLS - BONE HOOKS



30-137-13
Reamer
13.5 cm / 5 1/4"



30-138-18
Perthes Reamer
18 cm / 7"



30-139-21
Perthes Reamer
21.5 cm / 8 1/2"



30-140-14
Reamer
One concave side
14 cm / 5 1/2"



30-141-14
Glenoid Punch
20cm / 8"



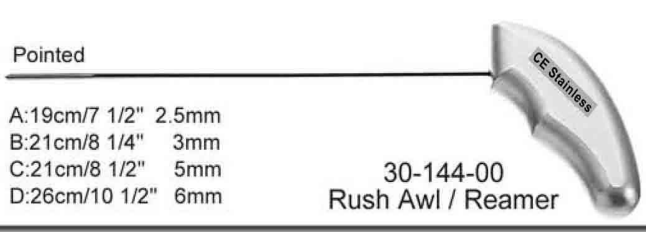
30-142-00
Shoulder Percussion Awl
A: 21.5cm / 8 1/2" B: 23.5cm / 9 1/4"



30-145-00
Shoulder Penetrating Awl
Fibre Handle
A: 18cm / 7" B: 23cm / 9"



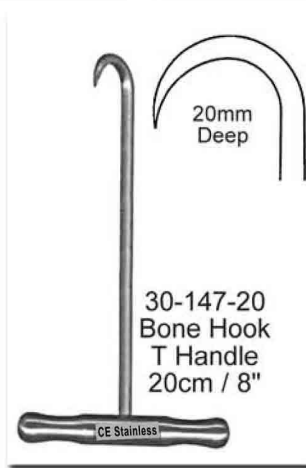
30-143-28
Kuntscher Diamond Awl 28cm / 11"



30-144-00
Rush Awl / Reamer



30-146-23
Bone Hook
23cm / 9"



30-147-20
Bone Hook
T Handle
20cm / 8"



30-148-14
Bone Hook T Fibre Handle
14cm / 5 5/8"



30-150-25
Pointed Awl
Fibre Handle
25cm / 10"



30-149-00 Volkman Bone Hook

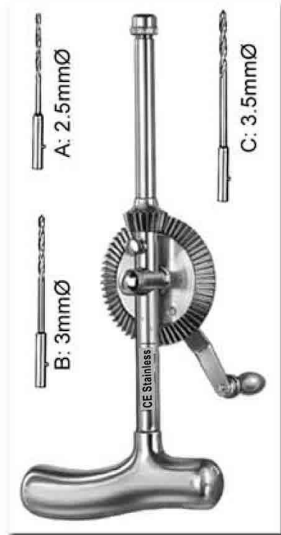
A: 20cm / 8"
19X27mm
Sharp

B: 23cm / 9"
15X20mm
Blunt

C: 23cm / 9"
15X20mm
Sharp

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

HAND BONE DRILLS



30-151-24
Stille-Sherman Hand Drill
24 cm / 9 1/2"
with 3 twist drills



30-152-20
Stille Hand Drill
20.5 cm / 8"
w/ 9 Twist Drills

Complete with Hand Drill art # 11-138-01

Fig.A: 2.5 mmØ Twist Drill



Fig.B: 3 mmØ Twist Drill



Fig.C: 3.5 mmØ Twist Drill



Fig.D: 4 mmØ Twist Drill



Fig.E: 10 mmØ Trephine



Fig.F: 5 mmØ Spherical Burr



Fig.G: 8 mmØ Spherical Burr



Fig.H: 12 mmØ Spherical Burr



Fig.I: 16 mmØ Spherical Burr



Fig.J: 1 mmØ Twist Drill



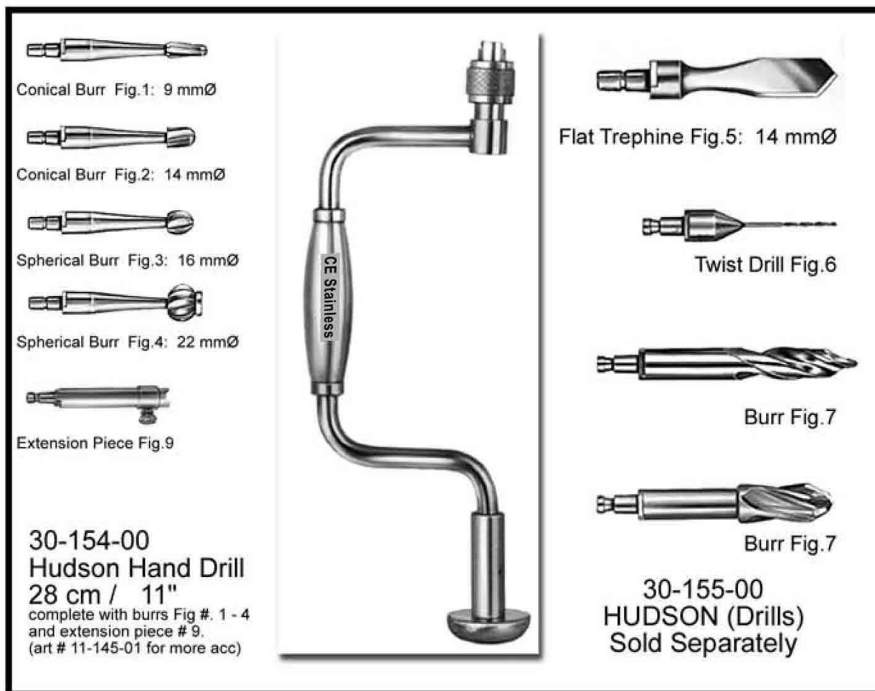
Fig.K: 1.5 mmØ Twist Drill



Fig.L: 2 mmØ Twist Drill



30-153-00



Conical Burr Fig.1: 9 mmØ

Conical Burr Fig.2: 14 mmØ

Spherical Burr Fig.3: 16 mmØ

Spherical Burr Fig.4: 22 mmØ

Extension Piece Fig.9

30-154-00
Hudson Hand Drill
28 cm / 11"
complete with burs Fig. # 1 - 4
and extension piece # 9.
(art # 11-145-01 for more acc)

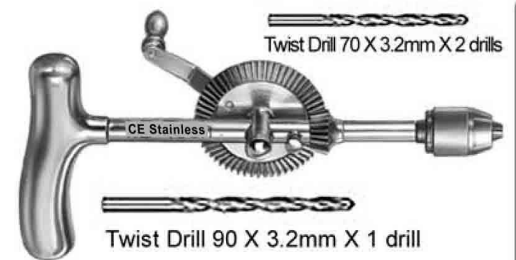
Flat Trephine Fig.5: 14 mmØ

Twist Drill Fig.6

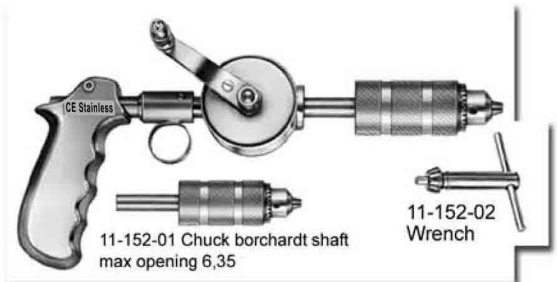
Burr Fig.7

Burr Fig.7

30-155-00
HUDSON (Drills)
Sold Separately



30-156-00 Moore Hand Drill
complete with a set of 3 twist drills



30-157-00
Martin Hand Drill with Chuck & Wrench



30-158-16
Bunnell Hand Drill
16cm,

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



30-159-16
Bunnell Type
Hand Drill 16cm,

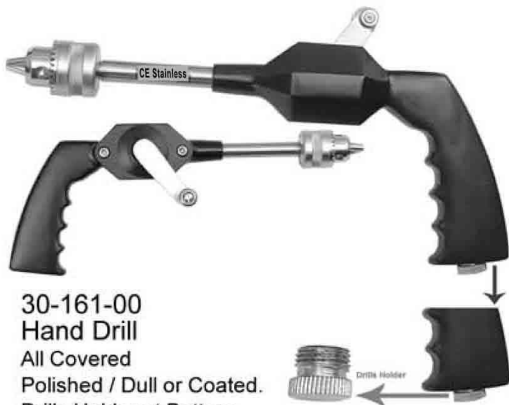
Twin Shade Powder Coated
Longitudinally bored with 3-Jaw-Chuck
light metal housing opening up to 4mmØ



30-160-00
Ralk Hand Drill

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

HAND BONE DRILLS - KEYS



30-161-00
Hand Drill
All Covered
Polished / Dull or Coated.
Drills Holder at Bottom.



30-162-00
Hand Drill
All Covered
Light Weight
Polished / Dull or Coated.
Key Holder and Self Retaining Locking Mechanism



30-163-01
Box for Hand Drills W/ Art #s: 11-450-00
and 11-455-00 Outside Artificial Leather
/ Inside Jumbo Foam



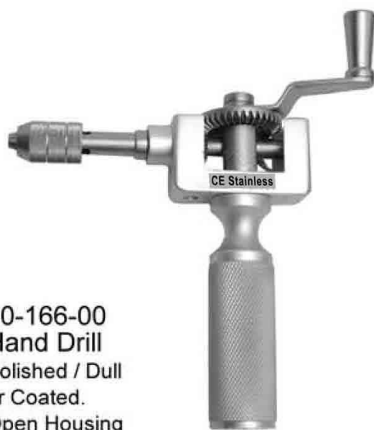
30-164-00
Hand Drill
Polished / Dull or Coated.
Operated Horizontally and
Vertically



Comes with Keys



30-165-00
Hand Drill
Polished / Dull or Coated.
All Covered



30-166-00
Hand Drill
Polished / Dull
or Coated.
Open Housing



30-167-01
Hand Drill
Polished / Dull
or Coated.
Open Housing



30-168-00
Hand Drill
Polished / Dull
or Coated.
Semi Closed Housing



30-169-14 Vickers Easidriver 14 cm / 5 1/2"



30-170-14 14cm / 5 1/2"
Handle W/ Chuck Longitudinally
Bored Accomodating up to 3,95mm



30-172-00
Handle with chuck
T-Shaped



30-171-01
Key



30-173-01
Key



30-174-01
Fibre T-Handle Key

DRILL BITTS - BURRS ETC



30-175-00 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



30-176-00 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



30-177-00 5mm Borchardt Shaft Flat Trphine

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



30-178-00 5mm Borchardt Shaft Spherical Burr
A: 3.0mm B: 4.0mm

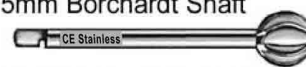


30-179-00 5mm Borchardt Shaft Spherical Burr
A: 3.0mm B: 5.0mm



Long 5mm Borchardt Shaft

30-180-00 Doyen Spherical Burr
A:4mm B:6mm C:8mm D:10mm E:12mm F:14mm G:16mm



Short 5mm Borchardt Shaft

30-181-00 Doyen Spherical Burr
A:4mm B:6mm C:8mm D:10mm E:12mm F:14mm G:16mm



30-182-03 Doyen Conical Burr
Coarse Spacing 12mm Dia



30-183-00 Doyen Conical Burr
Fine Spacing A:8mm / B:10mm



30-184-00 Doyen Cylindrical Burr
Coarse Spacing A:12mm / B:15mm



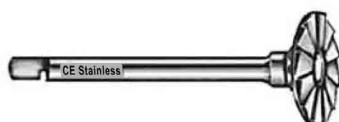
30-185-00 Albee Burr Oval
Coarse Spacing A:8mm / B:10mm / C:12mm



30-186-03 Albee Burr Pointed
7mm



30-187-03 Borchardt Burr Oval
Coarse Spacing 13mm



30-188-03 Flat Burr
Short Borchardt Shaft 25mm

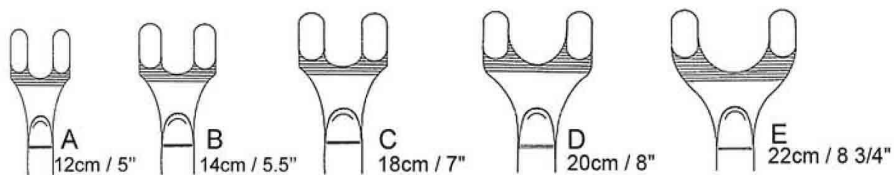


30-189-03 Toti Trephine
Short Borchardt Shaft 8mm

BONE HOLDING CLAMPS



30-190-00
Standard

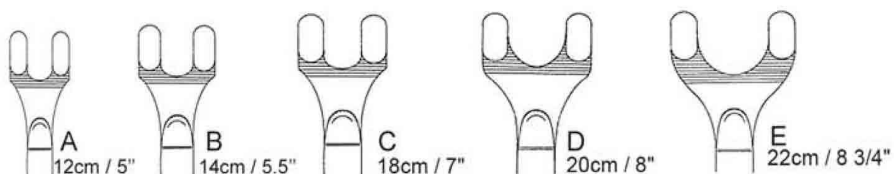


Gerster-Lowman Bone Holding Clamp

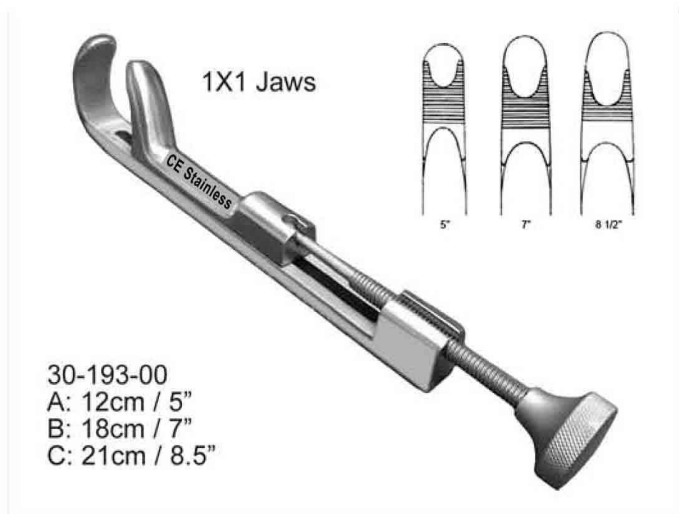


30-192-15
Gerster Traction Bar
15cm / 6"

30-191-00
Angled



Gerster-Lowman Bone Holding Clamp



Gerster-Lowman Bone Holding Clamp



Gerster-Lowman Bone Holding Clamp

WISE GRIPS - PARALLEL GRIP PLIERS ETC



30-195-18 Flat Nose Plier
18.5 cm / 7 1/4" Parallel Grip SS



30-197-18 Flat Nose Plier / Cutter
18.5 cm / 7 1/4" Parallel Grip



30-200-22 Long Nose Plier / 22 cm / 8 1/4"



30-201-20
Vise Grip 20.5 cm / 8"
Stainless Steel



SLAP HAMMER w/ Threaded Shaft Head
to be used with 20-131-20 and 30-204-20



SLAP HAMMER w/ Hexa Shaft Head
to be used with 20-131-20 and 30-206-20



30-207-00 Regular Jaw Locking Plier
A: 18 cm / 7" B: 20 cm / 8"
C: 23 cm / 9"



30-196-23
Vise Grip 23 cm / 9"
Locking Plier



30-198-20
Vise Grip 20.5 cm / 8"
Locking Plier



30-199-18
Vise Grip 18 cm / 7"
Locking Plier



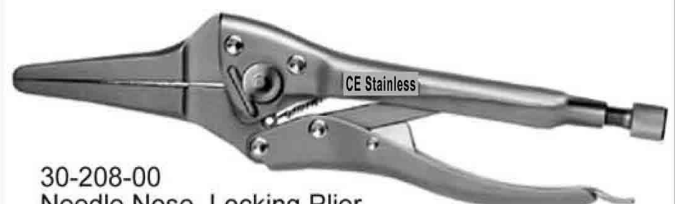
30-202-30
Needle Nose Locking Plier
30 cm / 12"



30-203-25
Needle Nose Locking Plier
25.5 cm / 10"



30-205-22
Needle Nose
Locking Plier
22 cm / 8.5"



30-208-00
Needle Nose Locking Plier
A: 22 cm / 8.5"
B: 25.5 cm / 10"
C: 30 cm / 12"

BENDING - WIRE CUTTING PLIERS



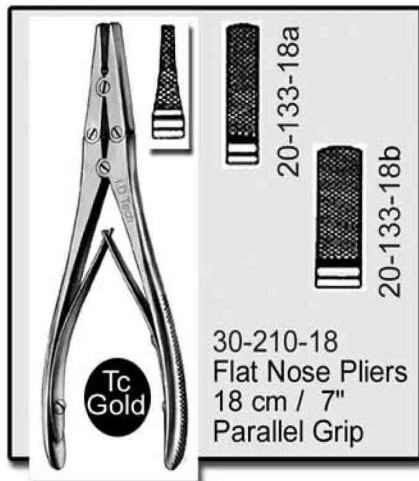
30-209-15
Combi-Flat Nose Pliers 15 cm / 6"
for Bending & Cutting



30-212-18 Round / Flat Nose Pliers
18 cm / 7"



30-214-17 Flat Nose Pliers
17 cm / 6 3/4" with crosswise groove



30-210-18
Flat Nose Pliers
18 cm / 7"
Parallel Grip



30-211-13 Flat Nose Pliers
13.5 cm / 5 1/4"



30-213-16 Hackstock Flat
Nose Pliers 16cm / 6 1/4"



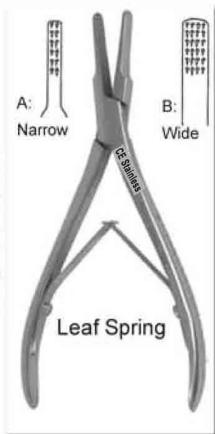
30-215-17
Flat Nose Pliers 17.5 cm / 7"



30-216-19
Flat Nose Pliers Pointed 19.5 cm / 7 3/4"



30-217-15
Platypus Nail
Pulling Forceps
15.5 cm / 6 1/4"



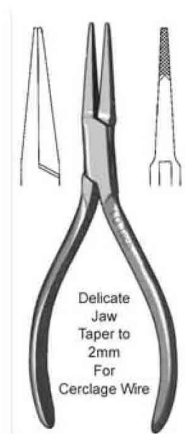
30-218-15
Platypus Nail
Pulling Forceps
15.5 cm / 6 1/4"



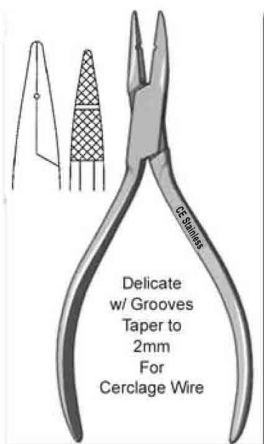
30-219-15
Round Nose Pliers
15.5 cm / 6 1/4"



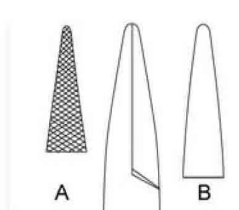
30-220-15
Needle Nose Pliers
15.5 cm / 6 1/4"



30-221-15
Flat Nose Pliers
15 cm / 6"



30-222-13
Needle Nose Pliers
13.5 cm / 5 1/4"



30-223-14
Needle Nose Pliers
Taper to 2mm Tip
14 cm / 5 1/2"
A: Fine Cross Serration
B: Smooth



30-224-18
18.5 cm / 7 1/4"
Wire Cutting Pliers
Hard wires up to 1.8mm Ø

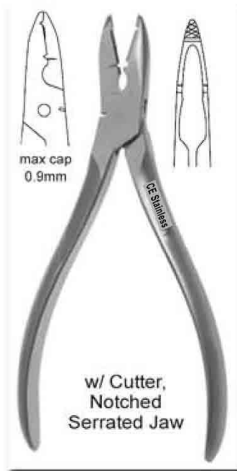


30-225-16
Martin "Diamant"
Hard wires up to 1.5mm Ø

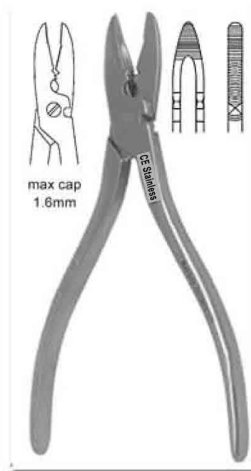
BENDING - WIRE CUTTING PLIERS



30-226-14
14 cm / 5 1/2"
Circlage Pliers / Cutter



30-227-20
20 cm / 8"
Wire Bending Pliers



30-228-15
15 cm / 6"
Wire Bending Pliers



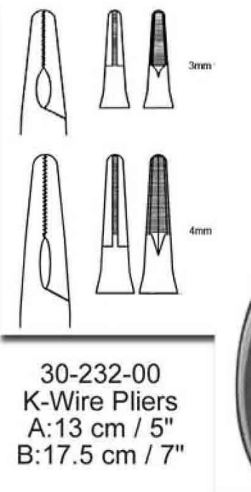
30-229-20
20 cm / 8"
Wire Bending Pliers
TUNGSTEN
CARBIDE



30-230-15
15 cm / 6"
Needle Nose Pliers



30-231-14
14 cm / 5 1/2"
Flat Nose Pliers



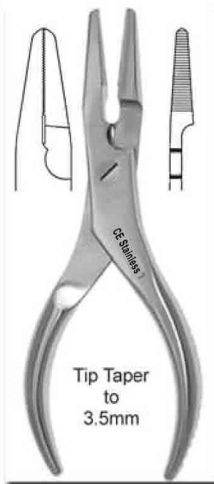
30-232-00
K-Wire Pliers
A: 13 cm / 5"
B: 17.5 cm / 7"



30-233-19
19 cm / 7 1/2"
Screw/Pin
Removing Pliers



30-234-14
14 cm / 5 1/2"
Pin Puller
Grips Small Pins



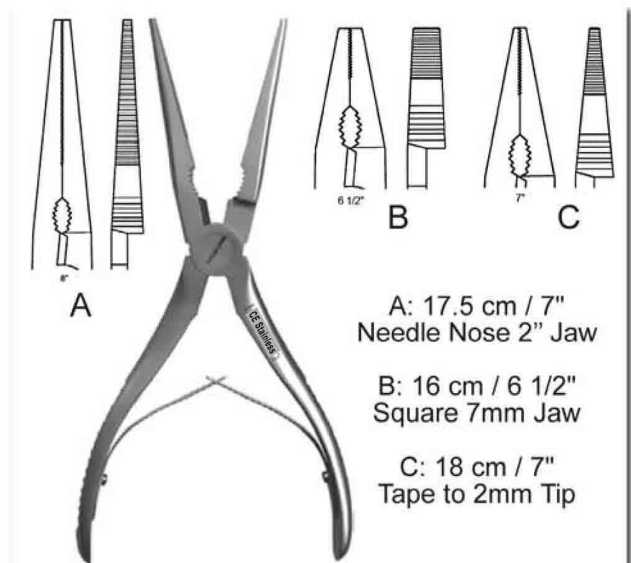
30-235-16
16 cm / 6 1/2"
Flat Nose Pliers
w/ Cutter
for Cerclage Wire



30-236-19
19 cm / 7 1/2"
Narrow
Nose Pliers
Heavy Jaws
for Pulling
Wire / Pins



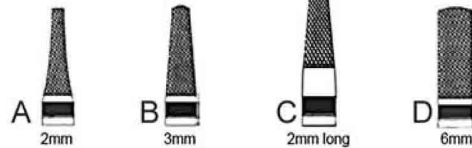
30-237-17
17.5 cm / 7"
Long Jaw Pliers
2inch Long Jaw
Delicate



30-238-00
UNIVERSAL Pliers
Serrated w/ Heavyduty Spring and Cutting Edge
Max Cutting Cap: 1.1mm

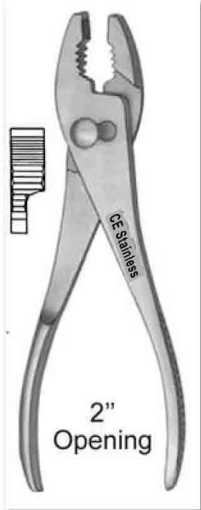
BENDING - PASSERS ETC

ALL TUNGSTEN CARBIDE



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

30-241-00
18 cm / 7"
Double Action Wire Extraction Plier



30-239-20
20 cm / 8"
Slip Joint Pliers



30-240-21
21 cm / 8 1/2"
Lineman Pliers



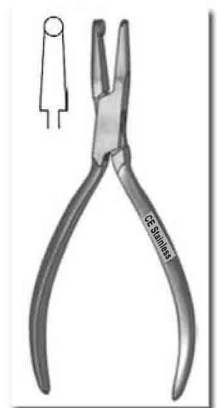
30-242-19 19 cm / 7 1/2" Gratloch Wire Bender



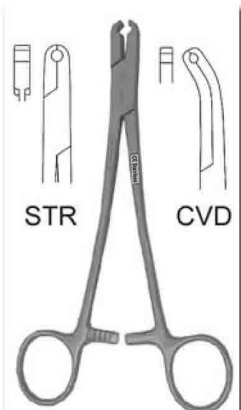
30-243-13
13.5 cm / 5"
K-Wire / Plate Bender



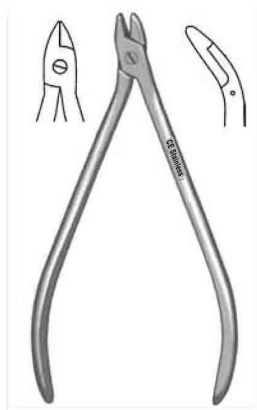
30-244-14
14.5 cm / 5 1/2"
K-Wire / Plate Bender



30-245-13
13.5 cm / 5"
Mini Plate Bending Pliers



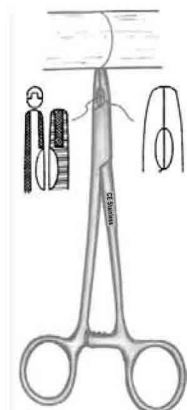
30-246-00
18 cm / 7 1/4"
Rod Holder
A: 4.0mm Rod
B: 4.76mm Rod
C: 6.35mm Rod
Straight or Curved



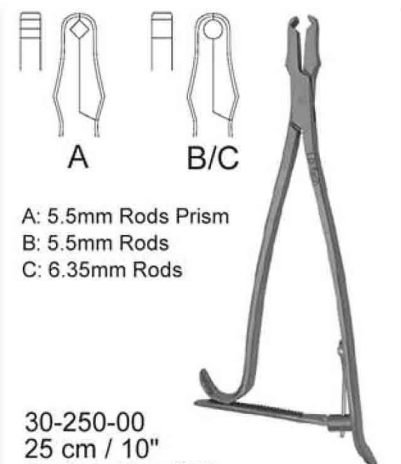
30-247-14
14.5 cm / 5 1/2"
Plate Bending Pliers



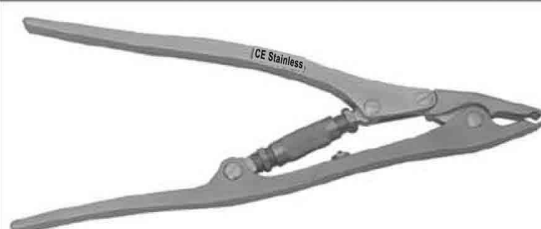
30-248-16
16 cm / 6 1/2"
Wire Pulling Forceps



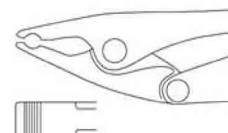
30-249-16
16 cm / 6 1/4"
Wire Twister / Tightner



30-250-00
25 cm / 10"
Rod Holder STR



30-251-21
21 cm / 8 1/2"
Rod Gripper
Adjustable



BONE WIRE MANAGEMENT



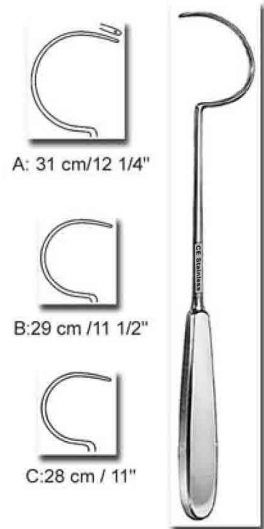
30-252-21
Loure Wire Tightener (21 cm / 8 1/4")



30-253-11
Wire Tightener
w/ T Handle
11 1/2 cm / 4 1/2"



30-254-21
Wire Tightener 12 cm / 4 3/4")



30-255-00
Demel Wire Guide



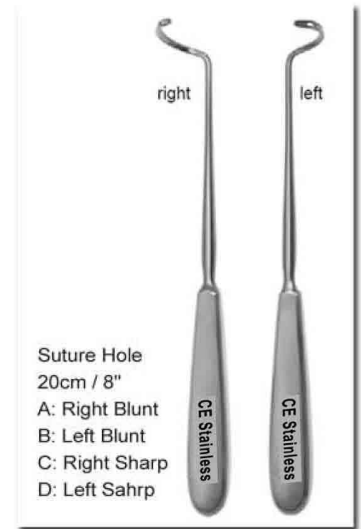
30-256-18
Bankert Ligature Carrier



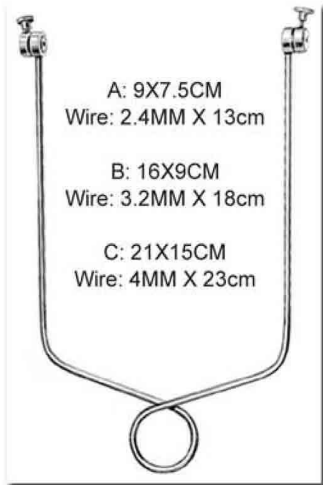
30-257-00
Suture Passer



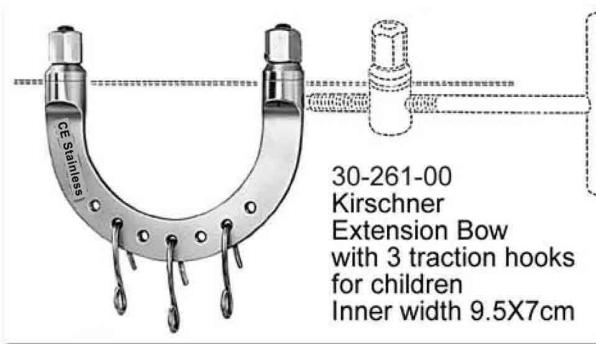
30-258-00
Suture Passer



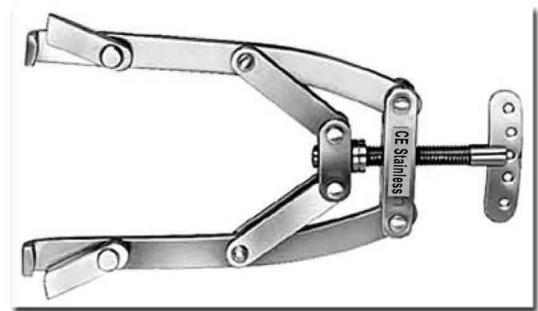
30-259-00
Deschamps Ligature Carrier



30-260-00
Böhler Extension
Bow for femur & knee



30-261-00
Kirschner
Extension Bow
with 3 traction hooks
for children
Inner width 9.5X7cm



30-262-00 (Kirschner) Extension Bow
A: Small: 18.5 cm / 7 1/4"
B: Large: 26.5 cm / 10 1/2"
with 3 traction hooks

20-143-02
for Wrist / Ankle
10.5X10.5cm

20-143-03
for Elbow
12X12cm

20-143-04
for Knee
15.5X15.5cm

20-143-05
for Femur
20X15.5cm



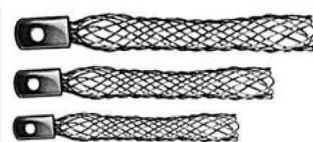
30-263-18
Wire Strainer 18.5 cm / 7 1/4"



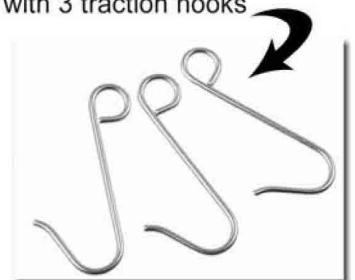
30-264-00
Extension Bow
A: 10 1/2" X 6 1/4"
B: 7" X 4"



30-265-00
Fixation Discs
for wire drills, pair



30-266-00 Extension Sleeve
Small / Medium / Large

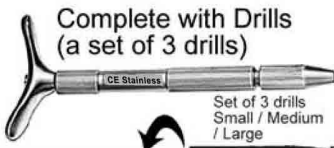


30-267-00 Traction Hook
for Extension Bows



30-268-20
Wrench 20cm / 8"

FINGER RING CUTTING - LEAD HANDS - BIOPSY TOOLS



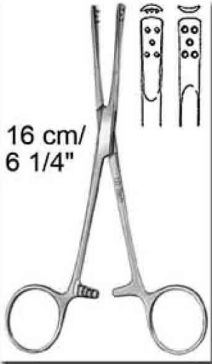
Complete with Drills
(a set of 3 drills)

Set of 3 drills
Small / Medium / Large

30-269-00
Martin-Ideal
Finger Nail Drill



30-273-14
Radolf
Nail Extracting Forceps



30-274-16
Nail Extracting
Forceps



30-270-10 Feldheim Tourniquet
10cm / 4"



30-275-18
Martin Finger
Ring Saw 18.5 cm / 6 3/4"
Spare Blades are Available
Separately



30-271-16
Walton
Finger Ring Saw
16 cm / 6 1/4"



30-272-17
Finger Ring Saw
17 cm / 6 3/4"



30-276-00
Finger Ring Saw Cutter Spare



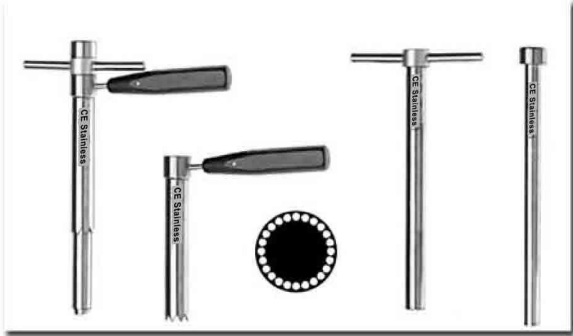
30-277-00 Lead Hand for Kids / Adults



30-278-00 Lead Hand for Kids / Adults



30-279-00
Champy-OSU Bone Biopsy Instruments
Consisting of trocar, a toothed trephine
and a plunger for taking tibial and
iliac bone grafts through a closed technique
22 cm / 8 3/4"

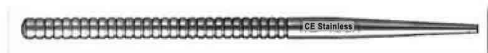


30-280-00
Champy Cancellous Bonegraft Mill
Outer Dia: 17mm
Inner Dia: 16mm



30-281-00
Champy Bone Biopsy Instruments
A: Outer Dia: 5mm Inner Dia: 4mm
B: Outer Dia: 8mm Inner Dia: 7mm
22 cm / 8 3/4"

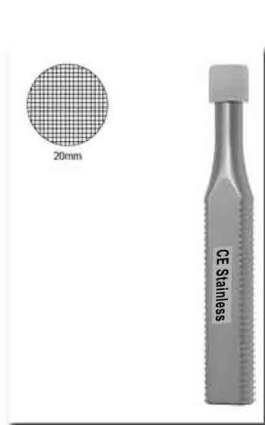
TAMPER - IMPACTORS - PACKERS



30-282-00 15.5cm/6" Bone Tamper
Tip Sizes: 2-3-4-5-6-8-10mm



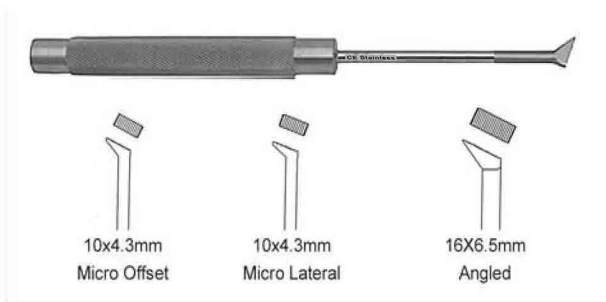
30-283-00 Bone Tamper



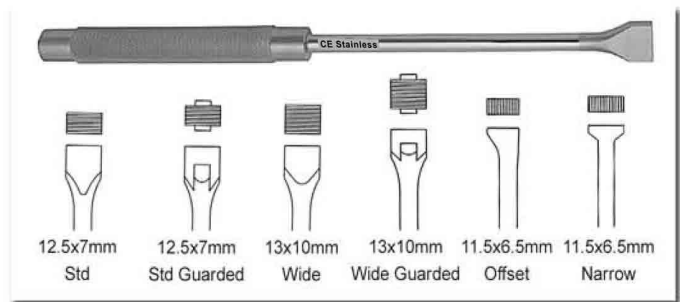
30-284-17 17cm / 6 1/2" Bone Impactor / Teflon Tip



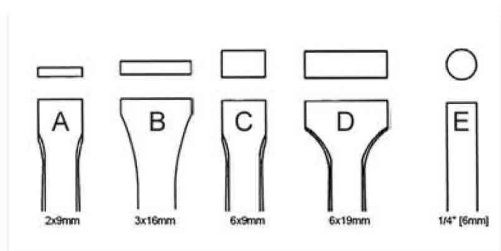
30-285-00 20cm / 8" Caspar Bone Tamper



30-286-00 21cm / 8 1/2" Lumbar / Cervical Impactor

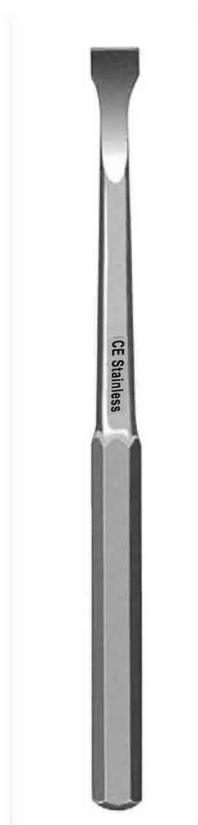


30-287-00 21cm / 8 1/2" Lumbar / Cervical Impactor



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

30-288-00 25cm / 10" Bone Chip Packer



30-289-43 43cm / 17" Bone Tamper



BONE FILES - RASPS



30-290-30 Putti Bone Rasp Round / Semi Round
30cm / 11 3/4"



30-292-28 Bone File 28 cm / 11" w/ Hollow Handle
Semi Round



30-294-22 Bone File 22 cm / 8 3/4"
Flat / Round



30-296-18 Bone File 18 cm / 7"
Fibre Handle / Cross-Hatch



30-291-27 Putti Bone Rasp Curved / Straight
27cm / 10 3/4"



30-293-24 Bone File 24.5 cm / 9 3/4"
w/ Hollow Handle Semi Round



30-295-22 Bone Rasp 22 cm / 8 3/4"
Flat / Round



30-297-18 Bone File 18 cm / 7"
Fibre Handle / Linear



30-298-18 Bone File 18 cm / 7"
Fibre Handle / Straight



300-299-18 Bone File 18 cm / 7"
Fibre Handle / CVD Forward



30-300-18 Bone File 18 cm / 7"
Fibre Handle / CVD Backward

Diamond Coated



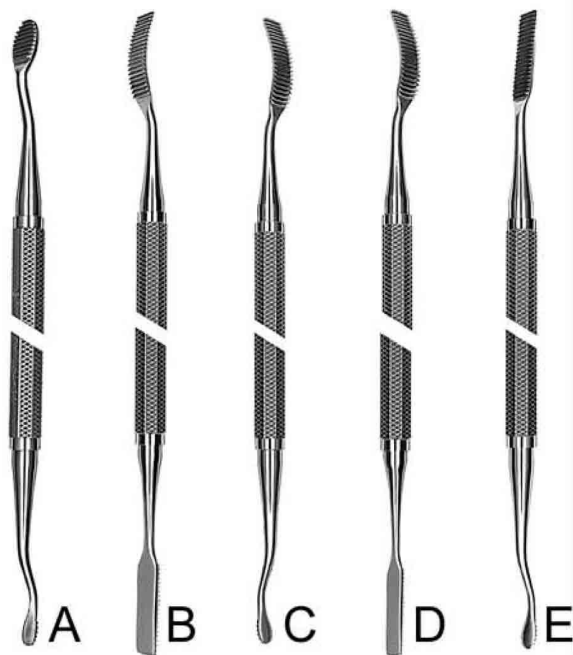
30-301-18 Bone File 18 cm / 7"
Fibre Handle / STR Diamond Coated

Diamond Coated

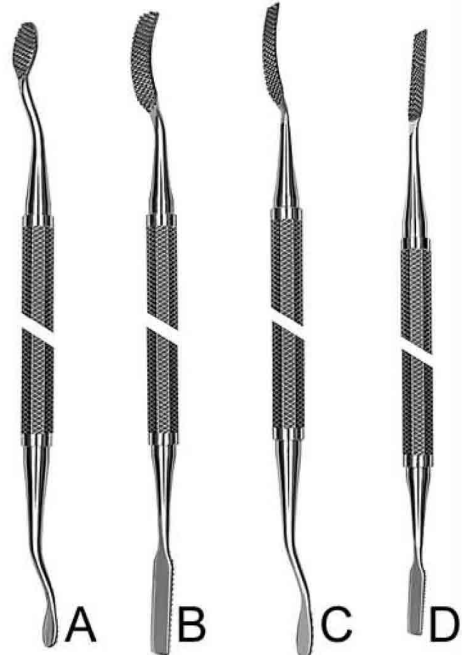


30-302-18 Bone File 18 cm / 7"
Fibre Handle / CVD Diamond Coated

BONE FILES - RASPS



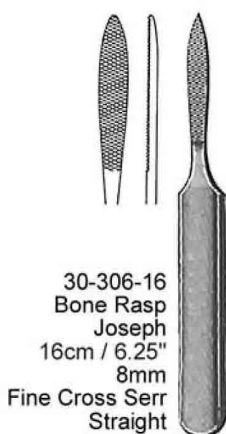
30-303-00 A / B / C / D / E
Miller-Colburn Bone File 18 cm / 7" Downwards Cut



30-304-00 A / B / C / D /
Miller-Colburn Bone File 18 cm / 7" Cross Cut



30-305-21
Bone Rasp
21 cm / 8.5"
13mm
Fine/Coarse
Straight



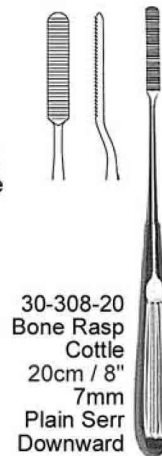
30-306-16
Bone Rasp
Joseph
16cm / 6.25"
8mm
Fine Cross Serr
Straight



30-307-19
Bone Rasp
Lewis
19cm / 7.5"
8mm
Straight



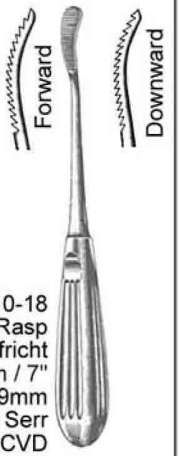
Coarse
Serr



30-308-20
Bone Rasp
Cottle
20cm / 8"
7mm
Plain Serr
Downward



30-309-18
Bone Rasp
Maltz
18cm / 7"
9mm
Plain
Coarse Serr
Downward



30-310-18
Bone Rasp
Aufrecht
18cm / 7"
9mm
Coarse Serr
CVD



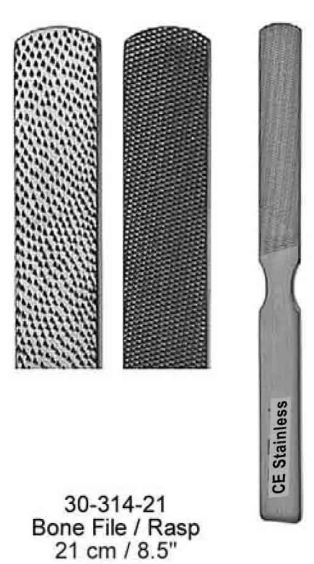
30-311-21
Bone Rasp
Fomon
21 cm / 8.5"
8mmX40mm
Coarse Serr
4 Sided
Flat / Covex Baldes



30-312-21
Bone Rasp
Fomon
21 cm / 8.5"
8mmX40mm
Fine Serr
4 Sided
Flat / Covex Blades



30-313-21
Bone Rasp
Kleinert Kurtz
21 cm / 8.5"
8mmX45mm
Fine/Coarse Serr
4 Sided
Flat / Covex Blades

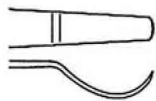


30-314-21
Bone File / Rasp
21 cm / 8.5"
18mm
Fine / Coarse Serr

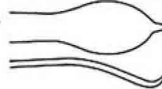
RETRACTORS - BONE LEVERS



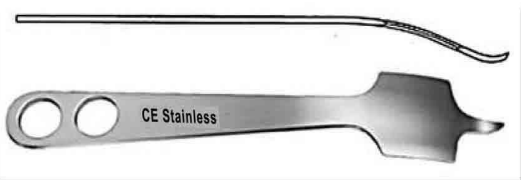
30-315-16 Bone Lever
16 cm / 6 1/4"



30-318-16 Hohman, Mini Bone Lever
16 cm / 6 1/4" 14 mm tip



30-320-22 Hohmann Bone Lever
22 cm / 8 3/4" 8 mm Tip narrow tip



30-322-23 Hohmann Bone Lever
23.5 cm / 9 1/4" 43 mm Tip narrow tip



30-325-25 Lange-Hohmann Bone Lever
25 cm / 9 3/4" 22mm Tip
wide tip with groove



30-327-00
Hohmann Bone Lever 27.5 cm / 10 3/4"
24mm Tip wide, round tip



Sizes
Available
A: 75X30mm
B: 100X30mm

30-332-00
A / B
Taylor Spinal
Retractor
16 cm/6 1/4"
pointed end



30-316-16 Hohman, Mini Bone Lever 16 cm / 6 1/4" 6mm tip



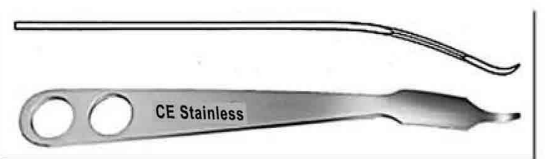
30-317-16 Hohman, Mini Bone Lever 16 cm / 6 1/4" 8 mm tip



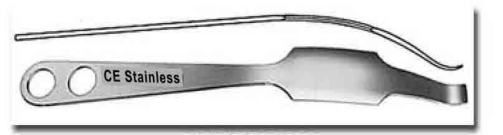
30-319-12 Hohman, Mini Bone Lever 12 cm / 4 3/4" 14 mm tip



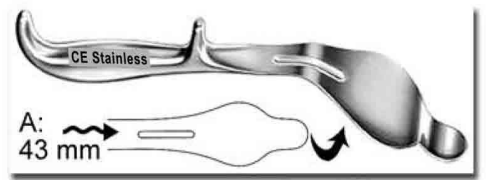
30-323-00
Hohmann Bone Lever
13cm/5" A:3mm B:5mm C:7mm



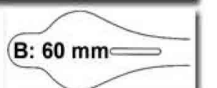
30-321-23 Hohmann Bone Lever
23.5 cm / 9 1/4" 18 mm Tip narrow tip



30-324-29
Hohmann Bone Lever 29 cm / 11 1/2"
35mm Tip wide tip



30-326-24 A / B
Bennett Bone Lever
24 cm / 9 1/2"



30-328-25
Hohmann Bone
Lever 25 cm / 9 3/4" 70 mm Tip narrow tip



20-330-23
Hohmann
Bone Lever
23.5 cm / 9 1/4" 43mm Tip narrow tip



30-333-25
Hohmann Bone Lever 25.5 cm / 10"
22mm Tip wide tip



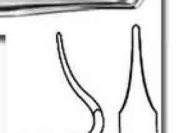
30-329-26 Blount Knee Retractor
26.5 cm / 10 1/2" blunt



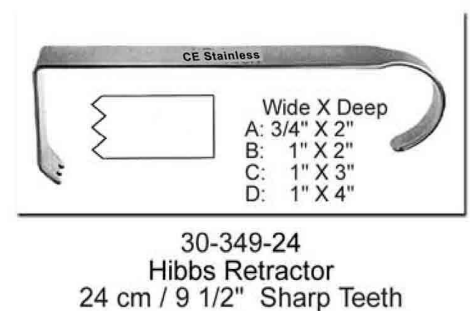
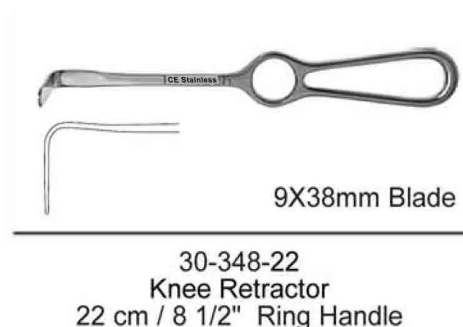
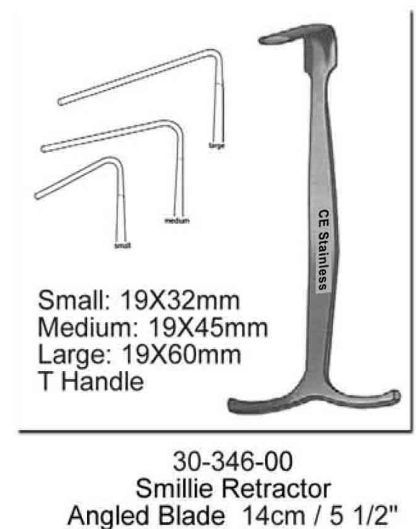
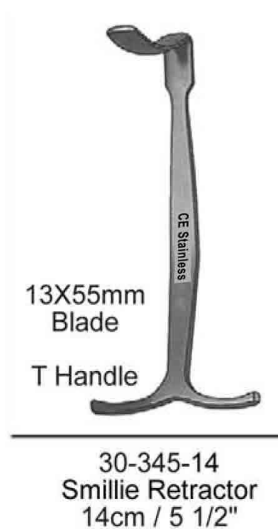
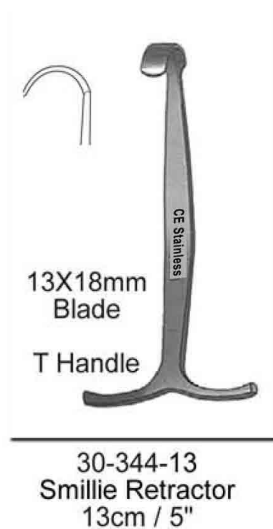
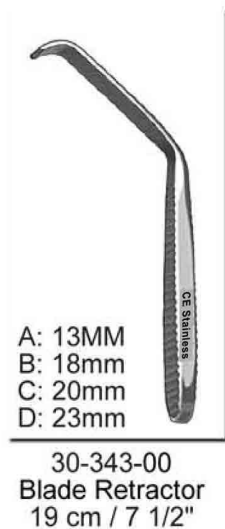
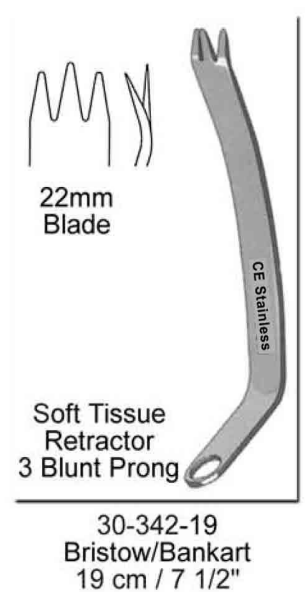
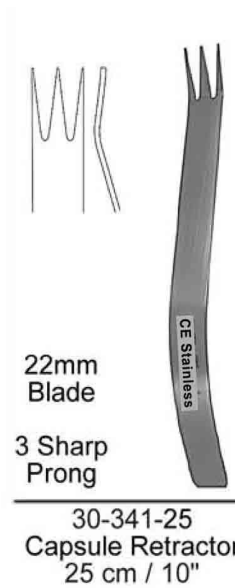
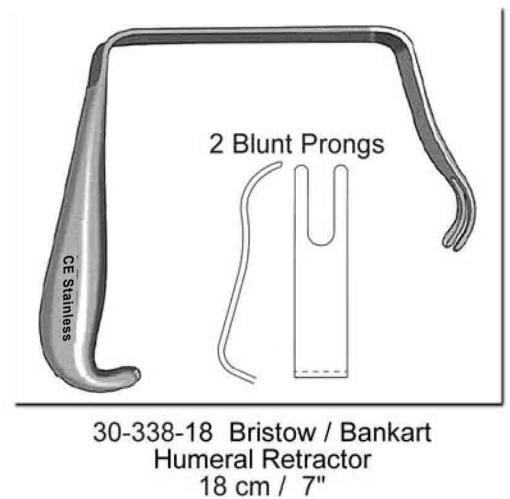
30-331-26 Blount Knee Retractor
26.5 cm / 10 1/2"



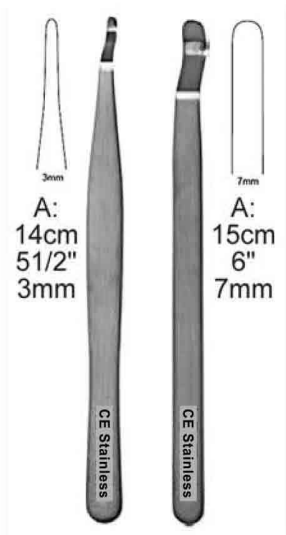
30-334-17 Blount
Knee Retractor
17.5 cm / 7"



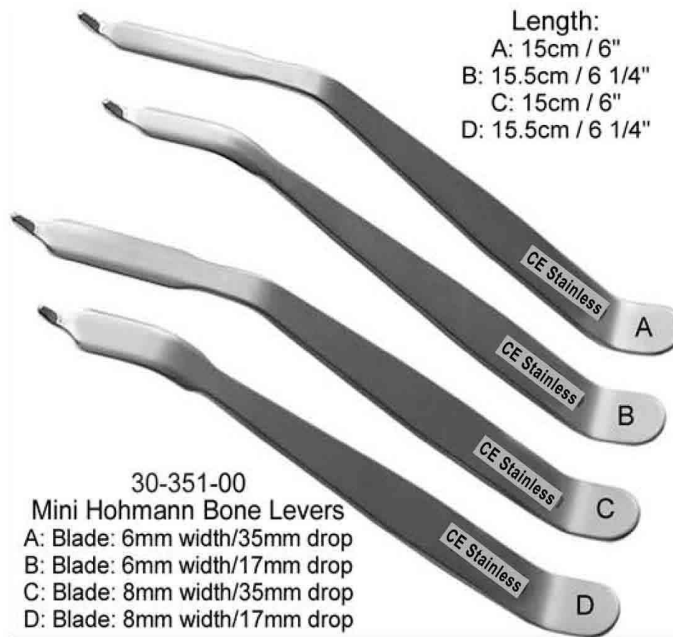
RETRACTORS - BONE LEVERS



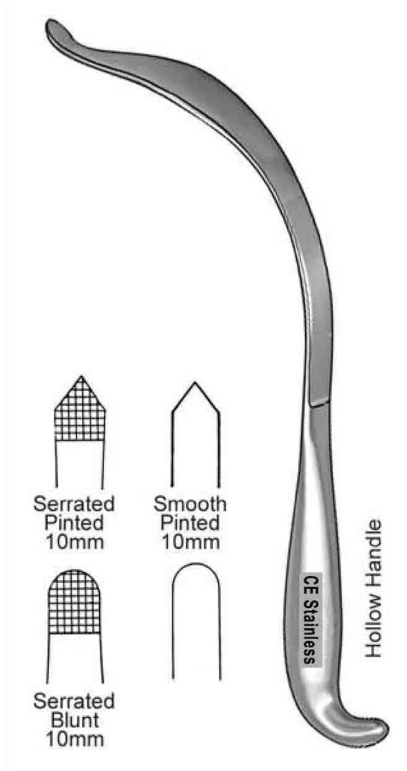
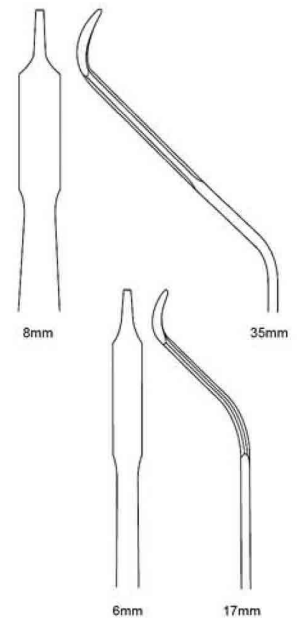
RETRACTORS - BONE LEVERS



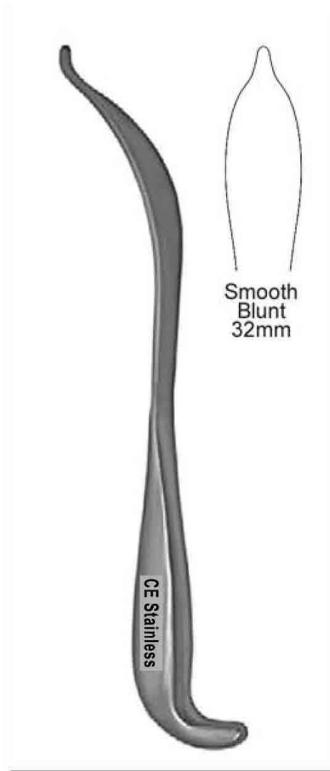
30-350-00
Hayes Retractor



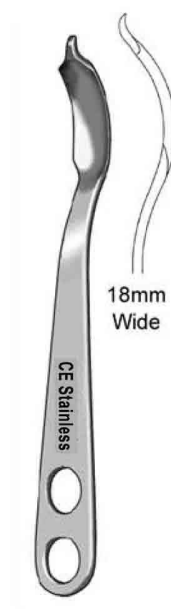
30-351-00
Mini Hohmann Bone Levers
A: Blade: 6mm width/35mm drop
B: Blade: 6mm width/17mm drop
C: Blade: 8mm width/35mm drop
D: Blade: 8mm width/17mm drop



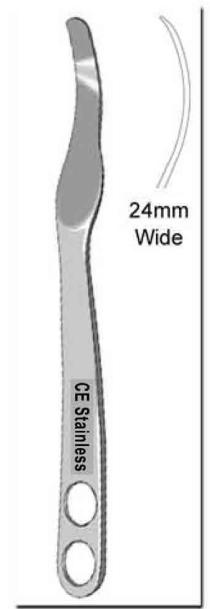
30-352-26
Aufranc Cobra Retractor
A: 26cm / 10 1/2"



30-353-27
Aufranc Cobra Retractor
A: 27.5cm / 11"



30-354-23
Humeral Head
Retractor
23cm / 9"



30-355-26
Pelvic Retractor
Single Prong
A: 26cm / 10 1/2"



30-356-30
Murphy Bone Skid
30cm / 12"



30-357-00
Ribbon Retractor Malleable
30cm / 12"

A: 6" X 6mm
B: 6" X 12mm
C: 6" X 16mm
D: 6" X 19mm
E: 7 1/2" X 25mm

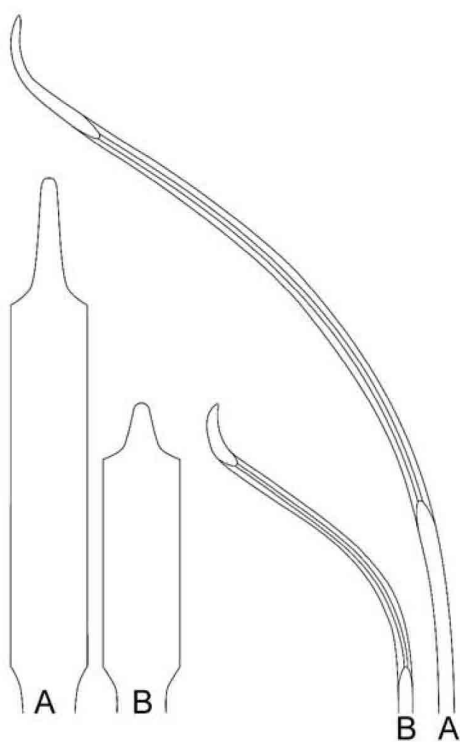
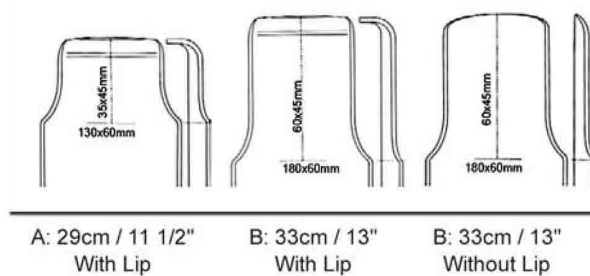
F: 8" X 6mm
G: 8" X 10mm
H: 8" X 12mm
I: 8" X 16mm
J: 8" X 19mm

K: 13" X 19mm
L: 13" X 30mm
M: 13" X 38mm
N: 13" X 45mm
O: 13" X 50mm
P: 13" X 65mm
Q: 13" X 75mm

Sizes Available

RETRACTORS - BONE LEVERS

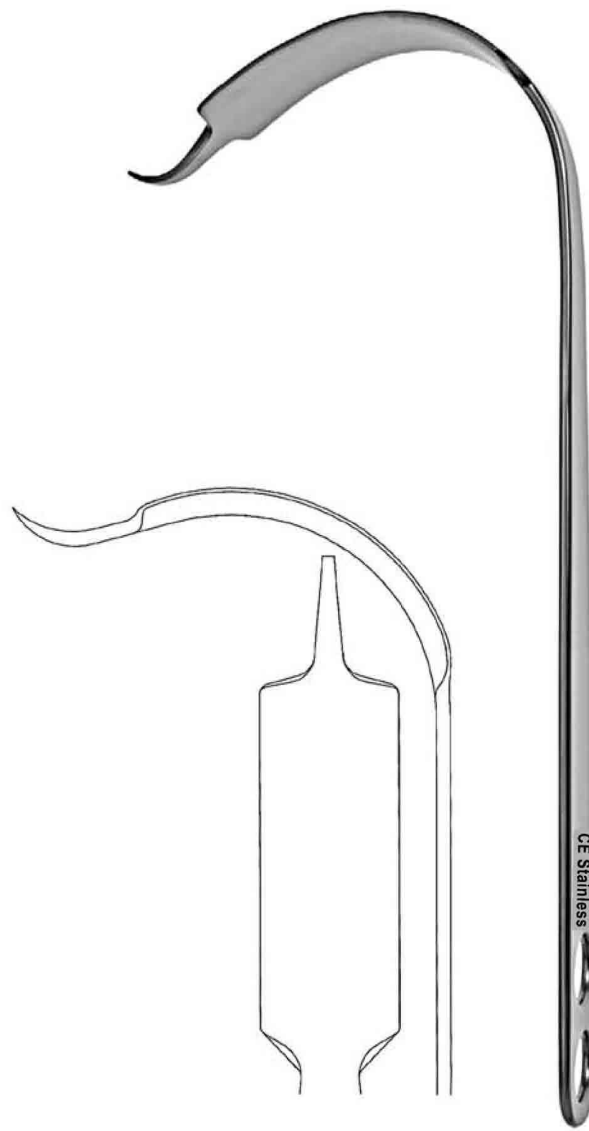
30-358-00
St. Mark's Pelvic Retractor
Angled Blade



30-359-40
Hohmann Retractor
40cm / 16"



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

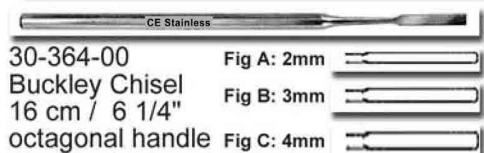


30-360-33
Hohmann Retractor
33cm / 13"
40mm Blade Width

CHISELS - GOUGES - OSTEOTOMES

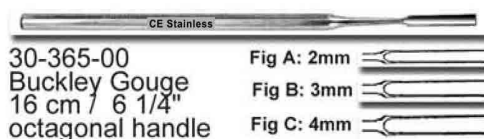


30-361-7
Virchow
Skull Breaker
7.5cm / 3"



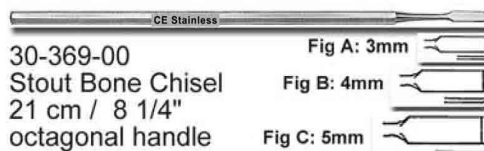
30-364-00
Buckley Chisel
16 cm / 6 1/4"
octagonal handle

Fig A: 2mm
Fig B: 3mm
Fig C: 4mm



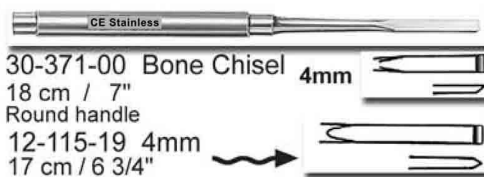
30-365-00
Buckley Gouge
16 cm / 6 1/4"
octagonal handle

Fig A: 2mm
Fig B: 3mm
Fig C: 4mm



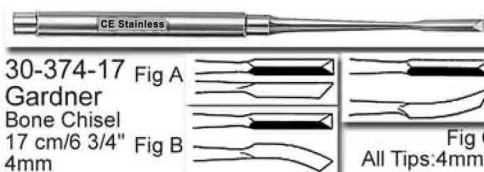
30-369-00
Stout Bone Chisel
21 cm / 8 1/4"
octagonal handle

Fig A: 3mm
Fig B: 4mm
Fig C: 5mm



30-371-00 Bone Chisel
18 cm / 7"
Round handle
12-115-19 4mm
17 cm / 6 3/4"

4mm



30-374-17 Fig A
Gardner
Bone Chisel
17 cm / 6 3/4" Fig B
4mm

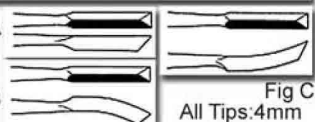
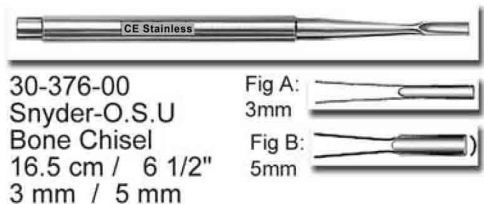


Fig C
All Tips: 4mm



30-376-00
Snyder-O.S.U.
Bone Chisel
16.5 cm / 6 1/2"
3 mm / 5 mm

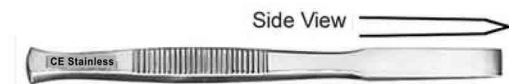
Fig A:
3mm
Fig B:
5mm



30-362-18 Bone Chisel
18 cm / 7" Octagonal Handle 4mm



30-363-18A Bone Chisel
18 cm / 7" Octagonal Handle 3mm



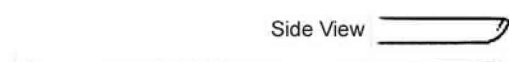
30-366-13
Osteotome
13.5 cm / 5 1/4"

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



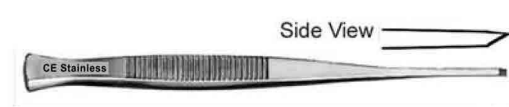
30-370-13
Chisel
13.5 cm / 5 1/4"

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



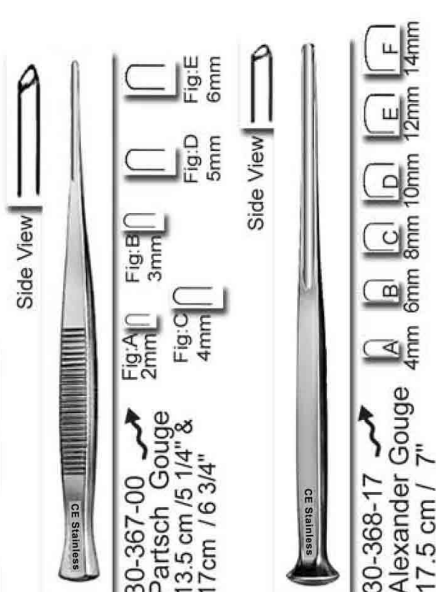
30-372-13
Gouge
13.5 cm / 5 1/4"

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



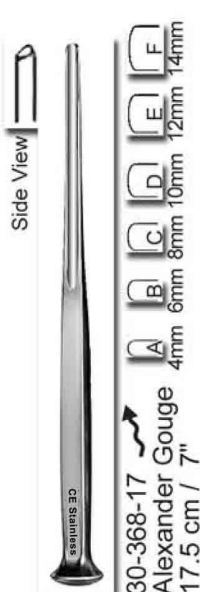
30-375-00
Partsch Chisel
13.5 cm / 5 1/4"
&
17 cm / 6 3/4"

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

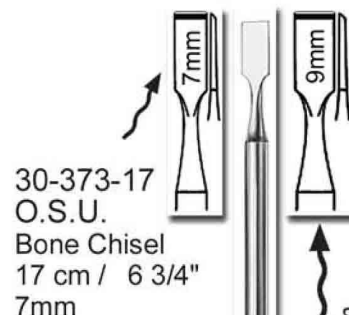


30-367-00
Partsch Gouge
13.5 cm / 5 1/4"
17 cm / 6 3/4"

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



30-368-17
Alexander Gouge
17.5 cm / 7"



30-373-17
O.S.U.
Bone Chisel
17 cm / 6 3/4"
7mm

Also available
30-373-17 O.S.U.
17 cm / 6 3/4" 9mm

TIP

Side View
Curved Tip

Three sizes in Lambotte Mini Osteotome (see below)

Available Tip Sizes

2mm / 3mm / 4mm / 6mm / 8mm / 10mm / 12mm / 15mm

30-377-12 (12.5 cm / 5")
Lambotte, Mini Osteotome

30-377-17 (17 cm / 6 3/4")
Lambotte, Mini Osteotome
3mm / 4mm / 6mm /
8mm / 10mm / 12mm / 15mm

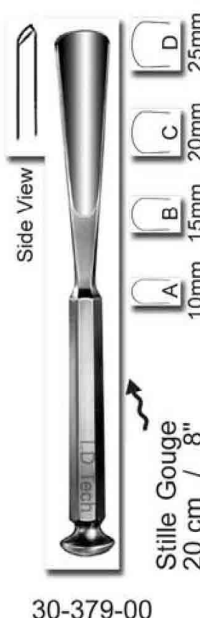
30-377-24 (24 cm / 9 1/2")
Lambotte, Osteotome
15mm / 20mm / 25mm /
30mm / 38mm / 44mm / 50mm

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

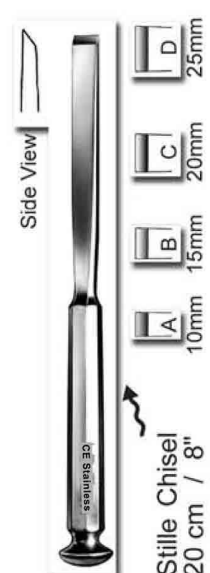
30-378-24
Lambotte,
Osteotome
24 cm / 9 1/2"

Other Lambotte
Mini Osteotomes
sizes / Tips

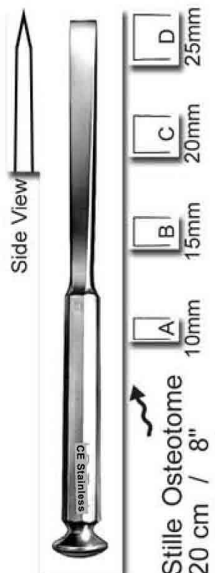
For Image,
please see photo
of above
Osteotome.



30-379-00

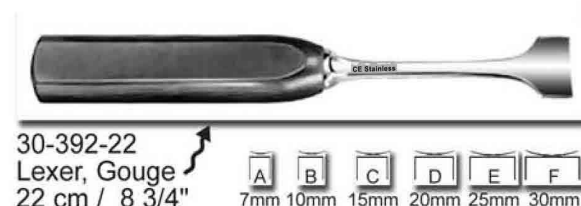
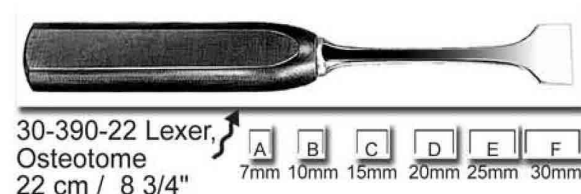
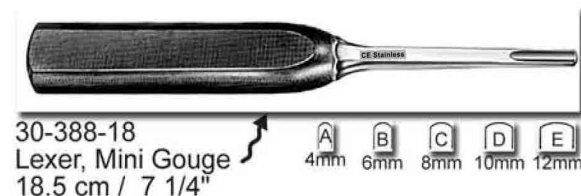
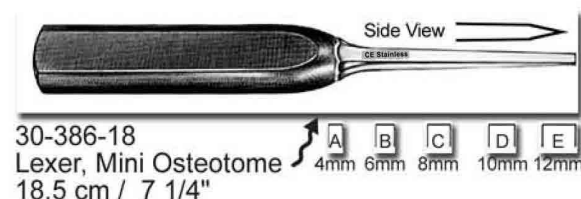
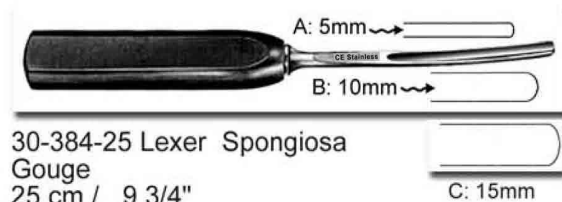
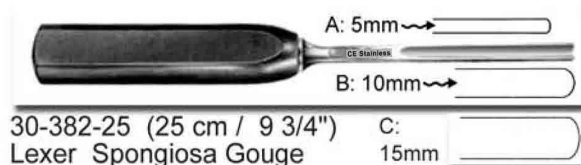


30-380-00



30-381-00

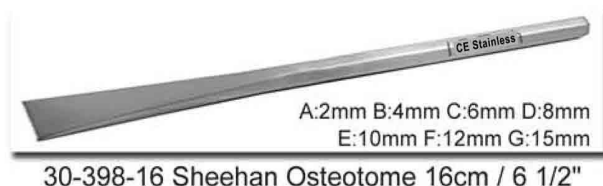
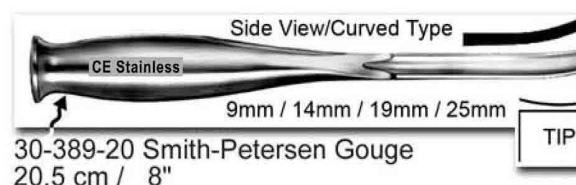
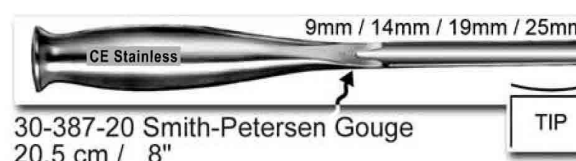
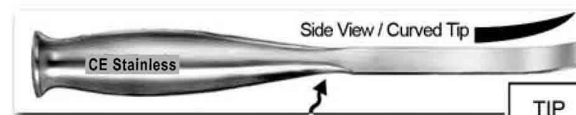
CHISELS - GOUGES - OSTEOTOMES



30-383-20
Smith-Petersen
Osteotome
20.5 cm / 8"

Available Tips
6mm
9mm
13mm
16mm
19mm
25mm
32mm

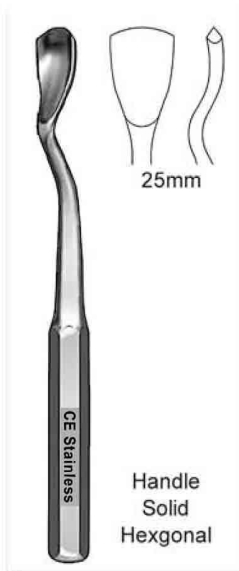
TIP



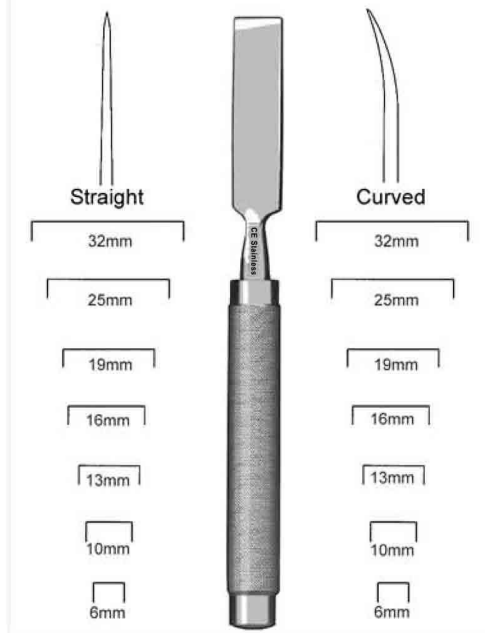
CHISELS - GOUGES - OSTEOTOMES



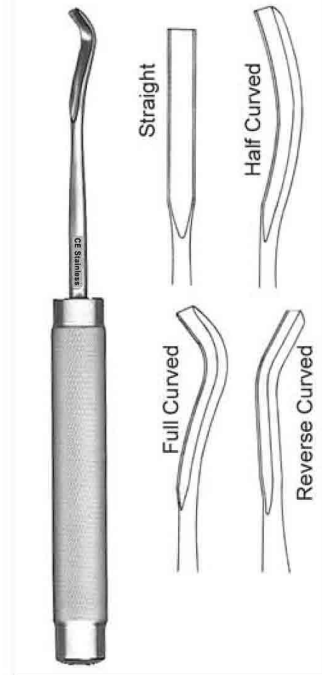
30-402-21
Shoulder Penetrating
Gouge 21cm/8 1/2"



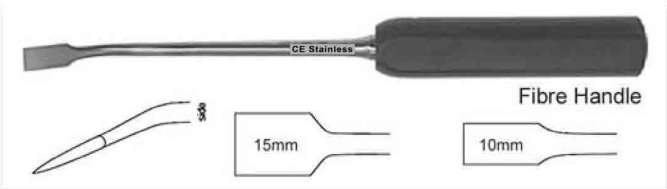
30-403-23
Swan Neck
Gouge 23cm/9"



30-404-00
Cobb Osteotome 28cm/11"



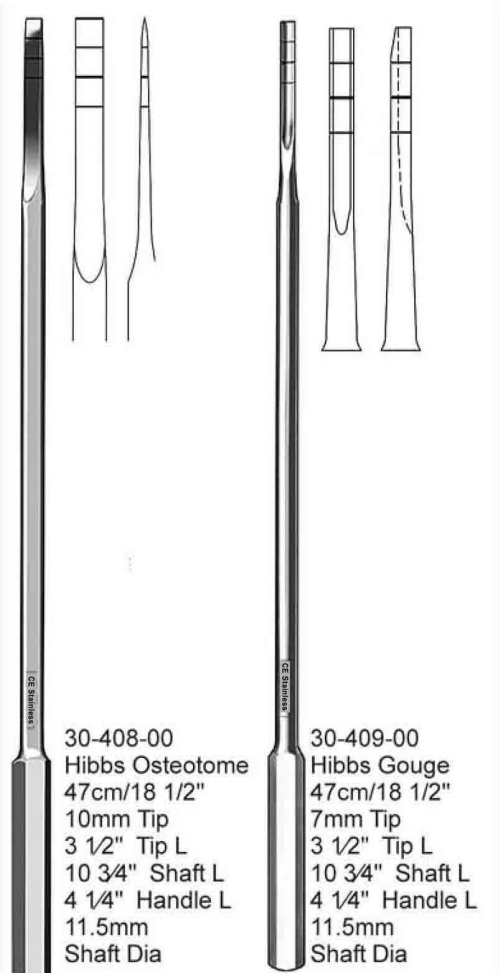
30-405-00
Cobb Gouge 28cm/11"



30-406-00 Lexer Osteotome Angled / 28cm/11"



30-407-00 Cinelli Osteotome 15.5cm/6 1/2"

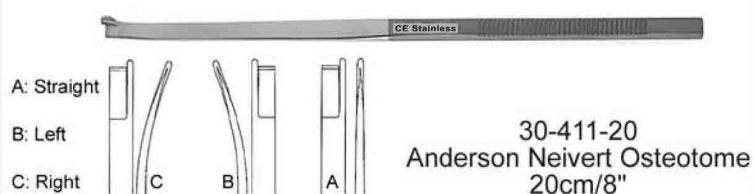


30-408-00
Hibbs Osteotome
47cm/18 1/2"
10mm Tip
3 1/2" Tip L
10 3/4" Shaft L
4 1/4" Handle L
11.5mm
Shaft Dia

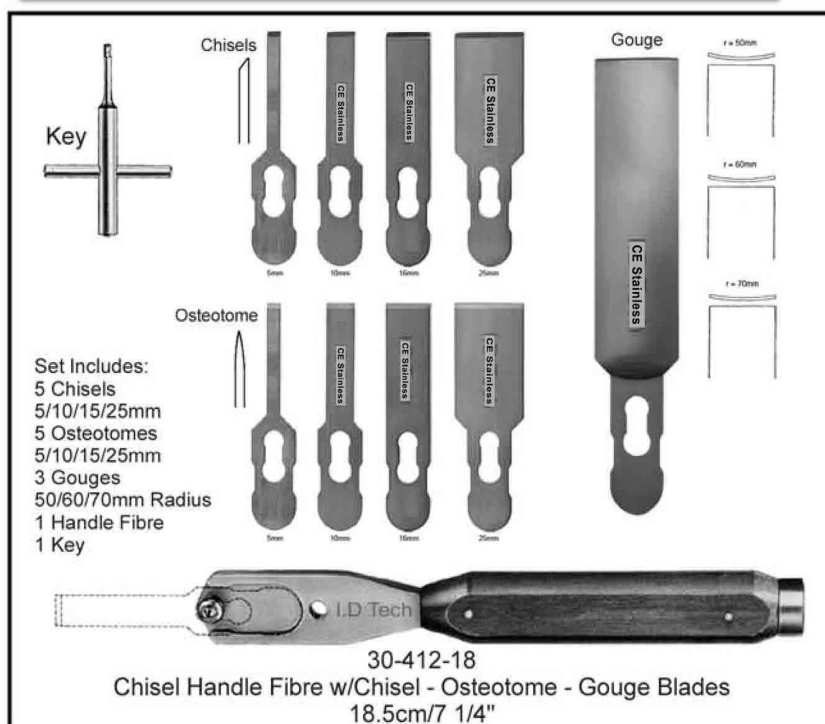
30-409-00
Hibbs Gouge
47cm/18 1/2"
7mm Tip
3 1/2" Tip L
10 3/4" Shaft L
4 1/4" Handle L
11.5mm
Shaft Dia



30-410-24
Spinal Fusion
Gouge
24cm/9 1/2"
6mm Tip



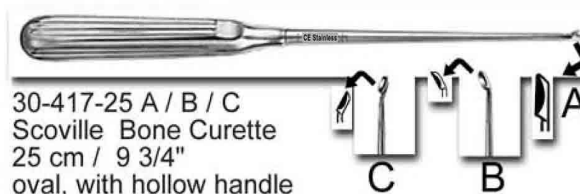
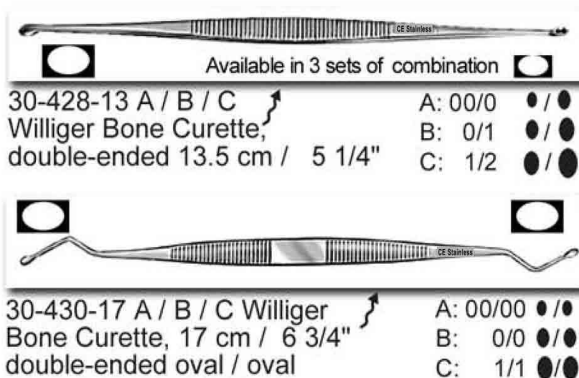
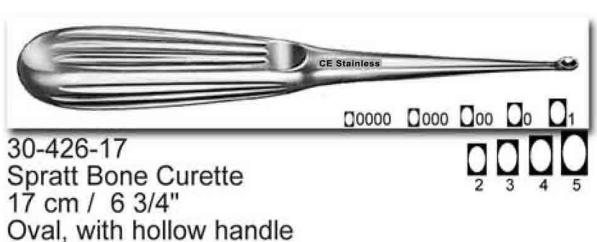
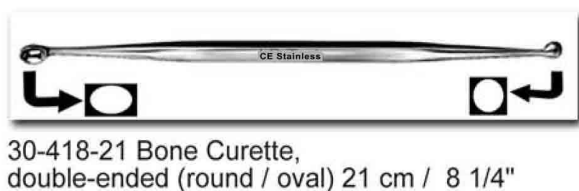
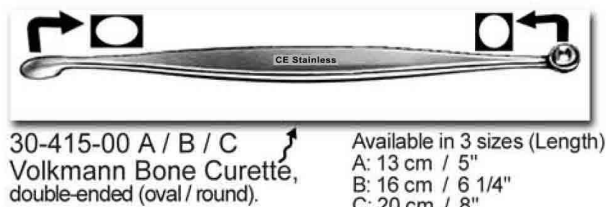
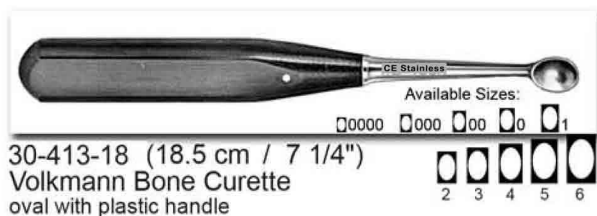
30-411-20
Anderson Neivert Osteotome
20cm/8"



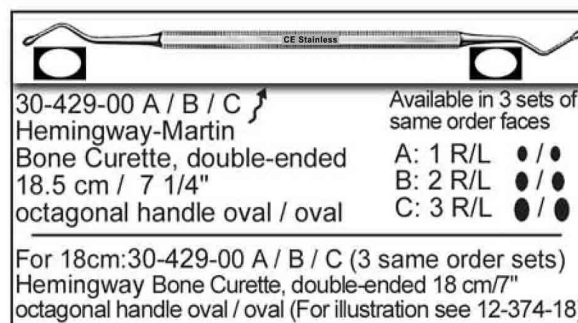
Set Includes:
5 Chisels
5/10/15/25mm
5 Osteotomes
5/10/15/25mm
3 Gouges
50/60/70mm Radius
1 Handle Fibre
1 Key

30-412-18
Chisel Handle Fibre w/Chisel - Osteotome - Gouge Blades
18.5cm/7 1/4"

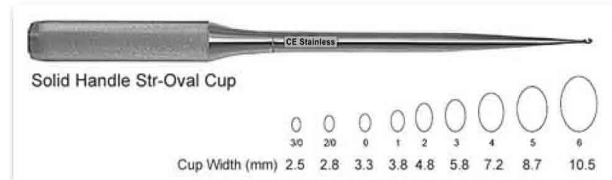
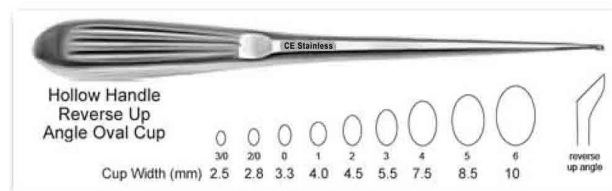
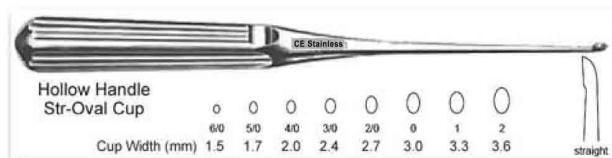
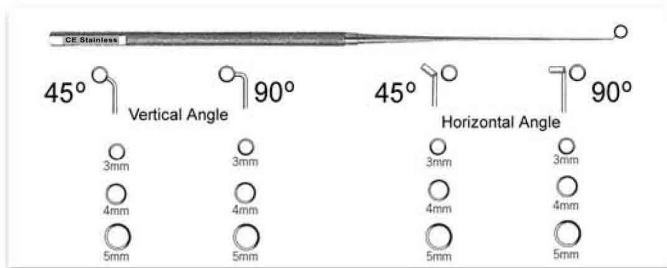
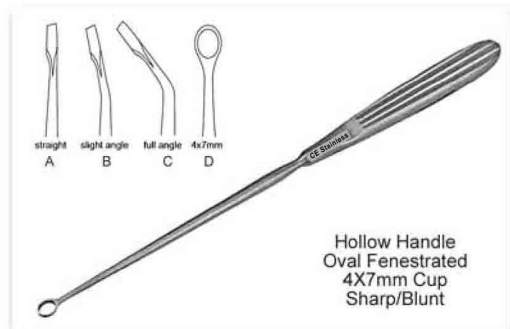
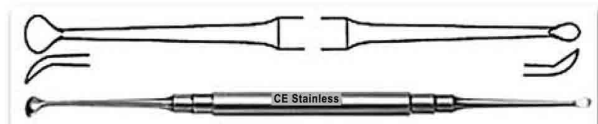
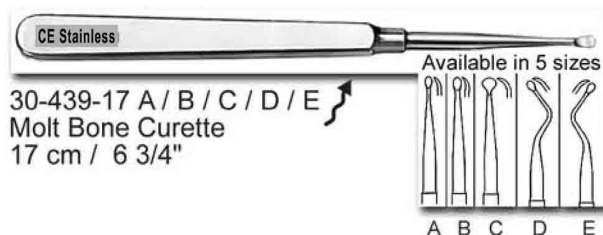
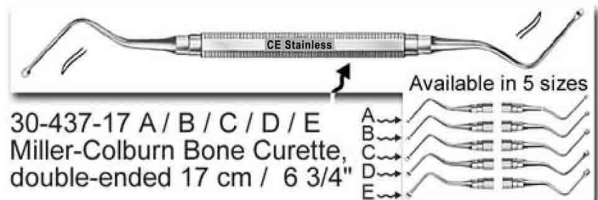
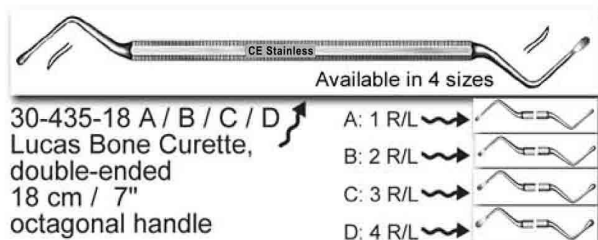
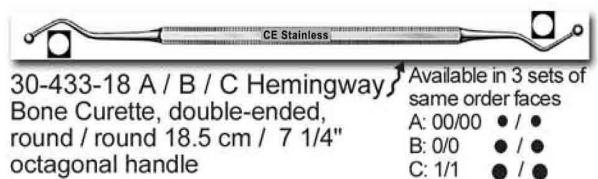
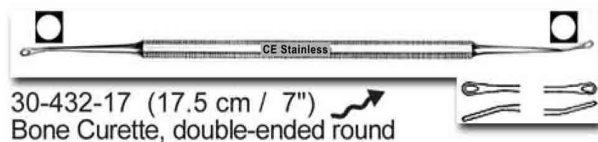
BONE CURETTES



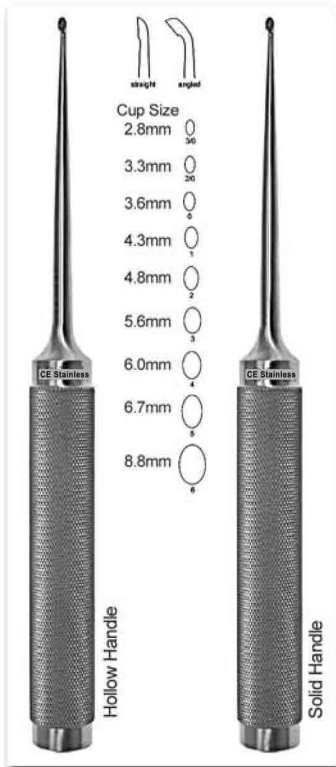
Available in 3 sizes
(Length)
A: 12.5 cm / 5"
B: 14.5 cm / 5 3/4"
C: 17 cm / 6 3/4"



BONE CURETTES



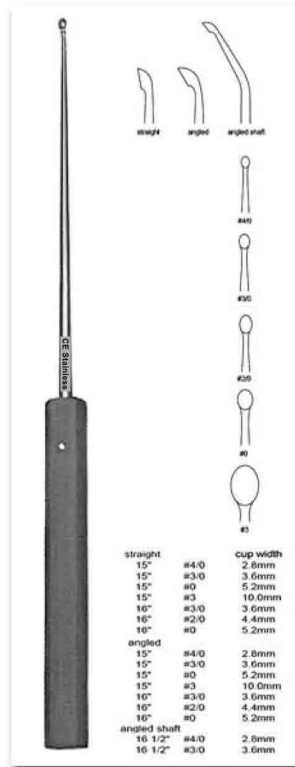
BONE CURETTES



30-446-28
Cobb Curette Oval Cups
28 cm / 11"



30-447-28
Cobb Curette Oval Cups
28 cm / 11"



30-448-00
Sypert Curette Long Delicate Shaft

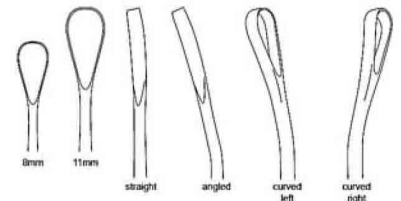


30-449-23
Cone Ring Curette
23 cm / 9"



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

30-450-00 Zielke Ring Curette 34 cm / 13 1/2" TEFLON Handle



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



30-451-00 Cone Ring Curette Endoscopic Fibre Handle



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



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

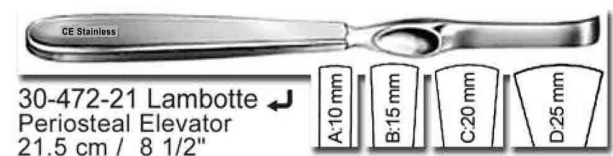
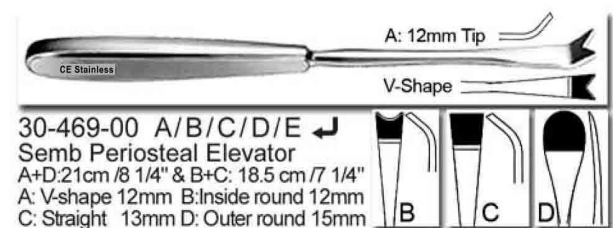
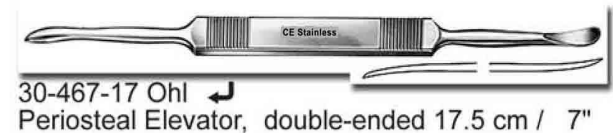
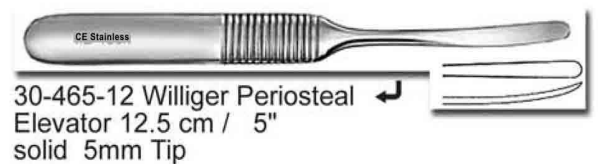
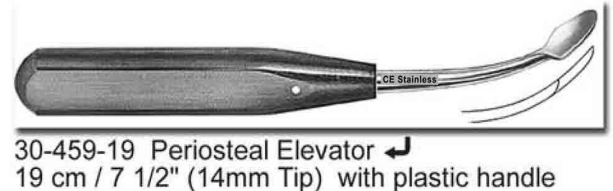
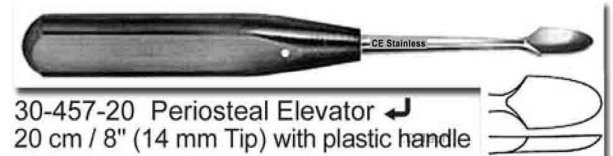
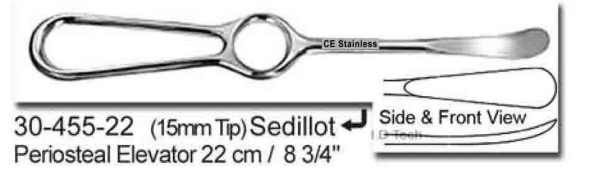
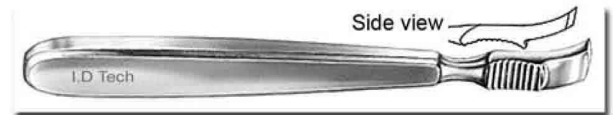
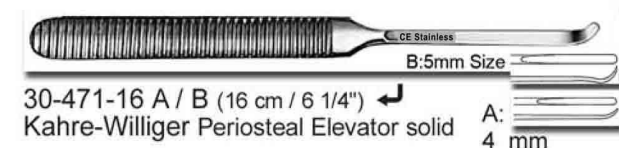
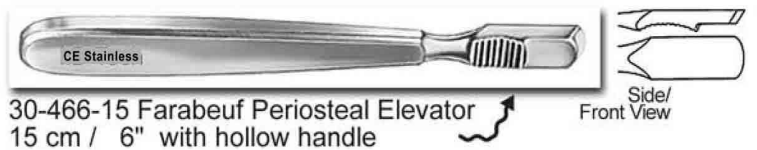
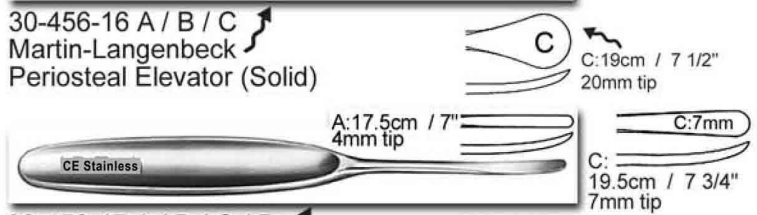
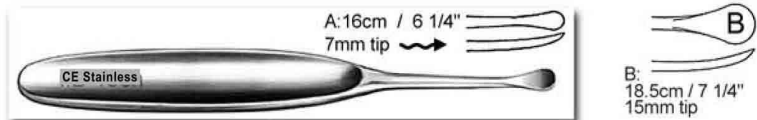
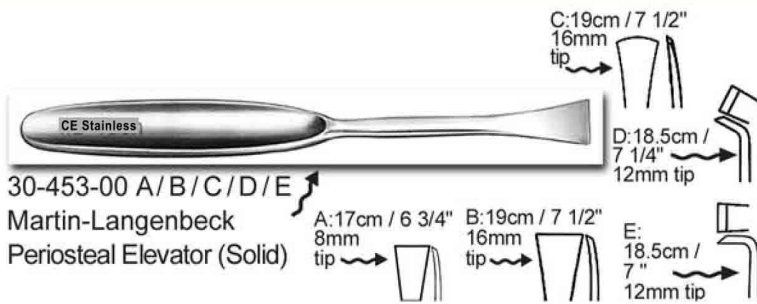


30-452-00 Epstein Curette Endoscopic Fibre Handle

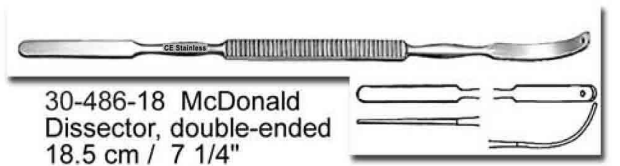
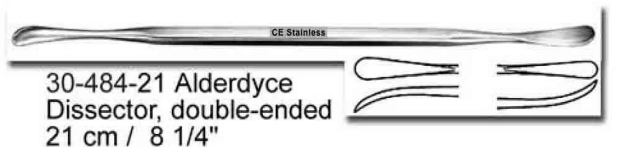
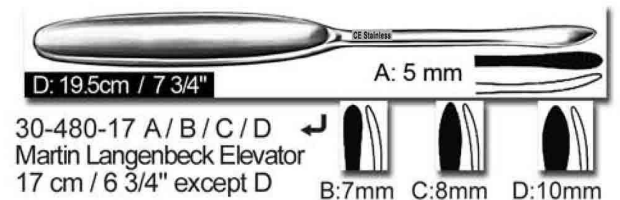
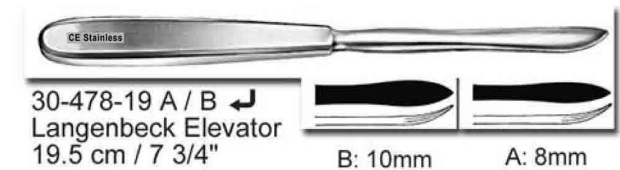
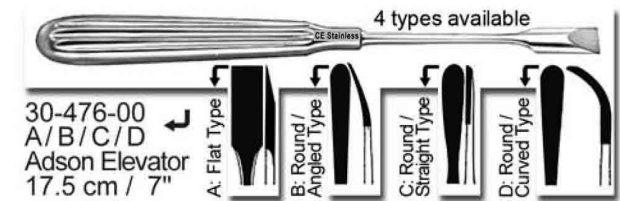
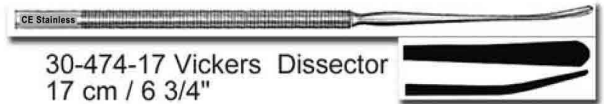
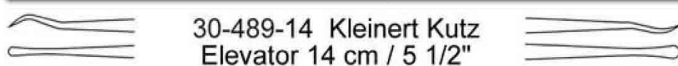
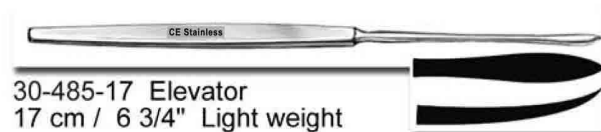
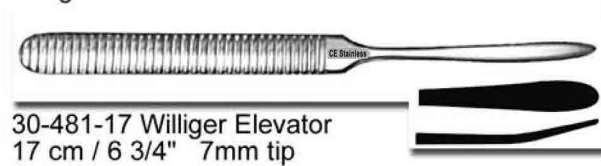
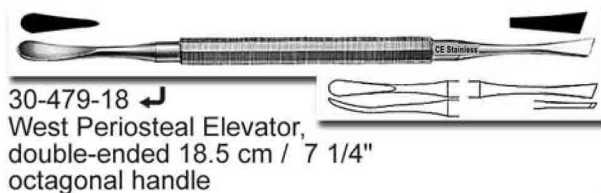
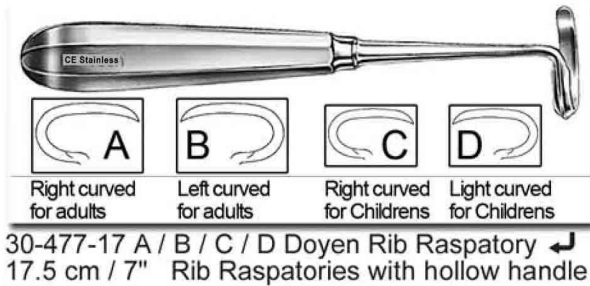


20" Reverse
Angled 30°
6mm x 9mm cup
3 1/2" Tip Length
10" Shaft Length
6 1/2" Handle Length
.45 (7.2mm)
Shaft Diameter

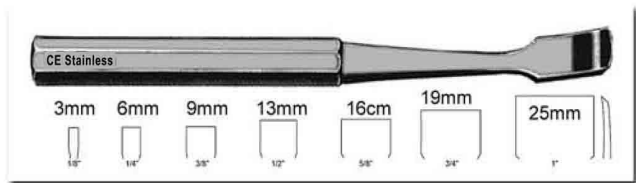
ELEVATORS



ELEVATORS



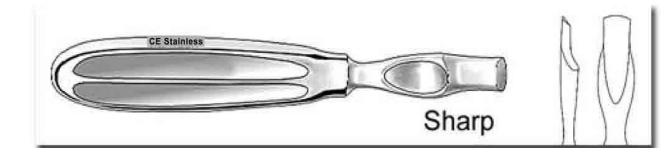
ELEVATORS



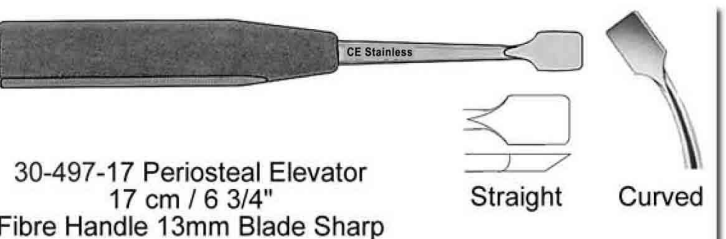
30-492-19 Key Elevator 19 cm / 7 1/2" Sharp Edge



30-493-16 Sayre Elevator 16 cm / 6 1/2"
A: Sharp / Blunt B: Blunt / Blunt



30-495-17 Kirmission Periosteal Respiratory 17 cm / 6 3/4"



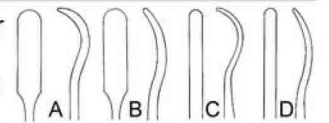
30-497-17 Periosteal Elevator
17 cm / 6 3/4"
Fibre Handle 13mm Blade Sharp



30-498-16 McGlamry Metatarsal Elevator
16 cm / 6 1/2" Sharp

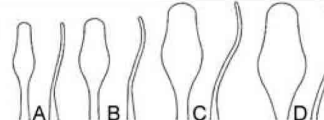
30-499-19 Crego Periosteal Elevator
19 cm / 7 3/4" Sharp

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



30-500-00 Chandler Elevator Blunt

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



30-501-00 Darrach Elevator Blunt

Small

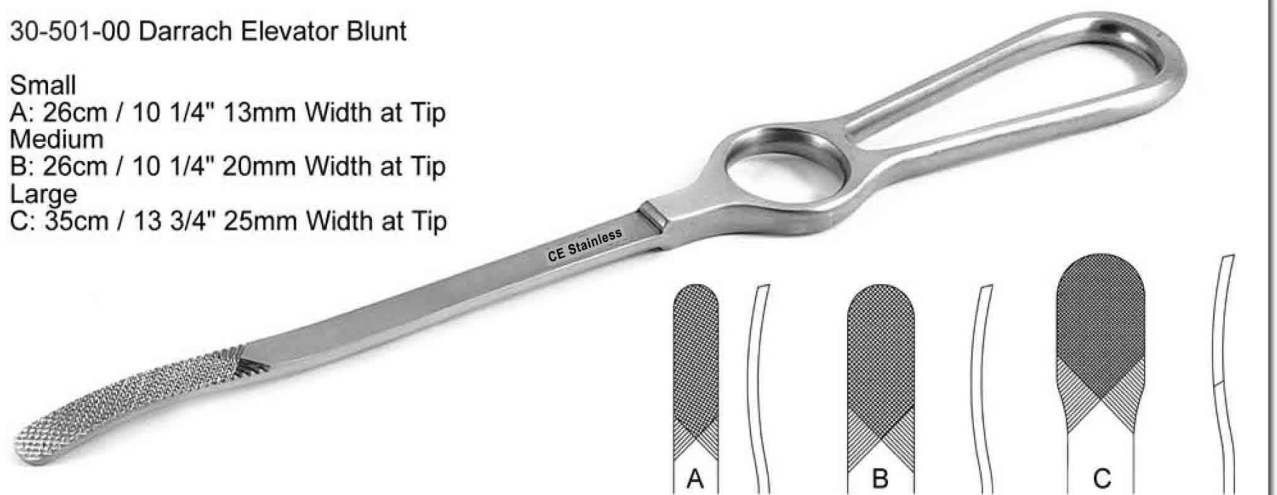
A: 26cm / 10 1/4" 13mm Width at Tip

Medium

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

Large

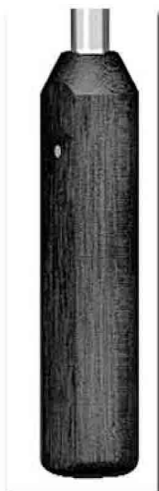
C: 35cm / 13 3/4" 25mm Width at Tip



ELEVATORS



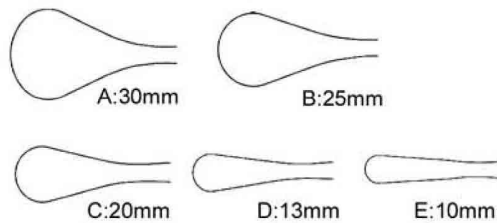
30-502-24 Cobb Spinal Elevator Sharp
24cm / 9 1/2" Hexa Handle



Also Available
in Fibre Handle

with Same
Sizes
of Blades

30-503-25
25cm / 10"



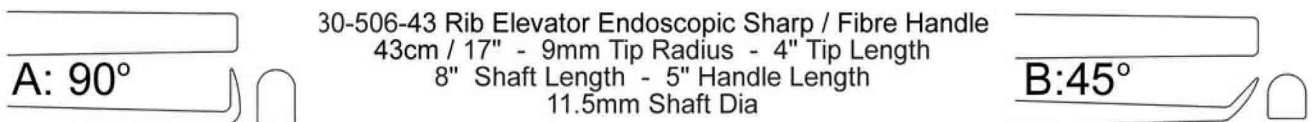
30-504-28 Cobb Spinal Elevator Sharp
28cm / 11" Knurled Handle



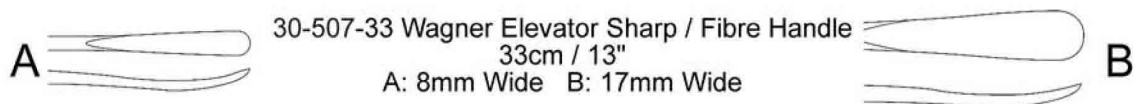
30-505-00 Cobb Elevator Endoscopic Sharp / Fibre Handle



30-506-43 Rib Elevator Endoscopic Sharp / Fibre Handle
43cm / 17" - 9mm Tip Radius - 4" Tip Length
8" Shaft Length - 5" Handle Length
11.5mm Shaft Dia



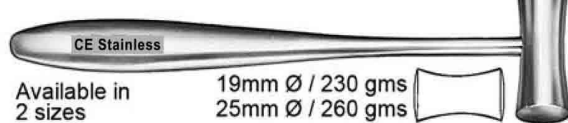
30-507-33 Wagner Elevator Sharp / Fibre Handle
33cm / 13"
A: 8mm Wide B: 17mm Wide



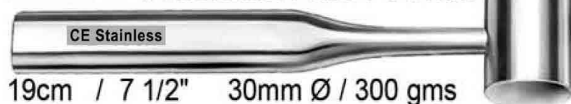
BONE MALLETS

Note: Handle Shown In Dark Colors are Made of FIBRE Material

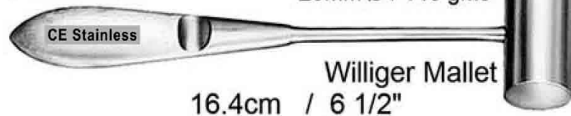
30-509-19 Lucae Mallet 19.5cm / 7 3/4"



30-510-19 Cottle Mallet Plane / Convex



30-512-16 20mm Ø / 140 gms



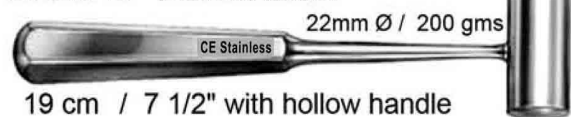
30-514-26 Mallet 26 cm / 10 1/4"



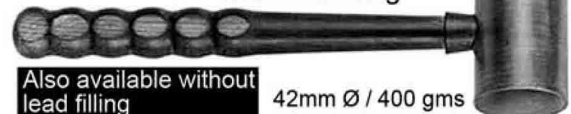
30-516-19 Mead Mallet
19 cm / 7 1/2"



30-518-19 Partsch Mallet



30-520-26 Mallet 26 cm / 10 1/4"
with lead filling



30-521-26 Mallet
26 cm / 10 1/4"



30-523-24 Williger Mallet



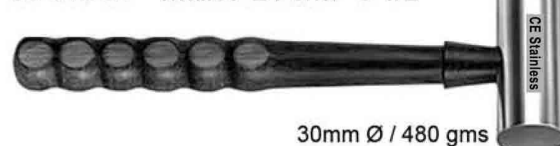
30-508-26 Mallet
26.5 cm / 10 1/2"



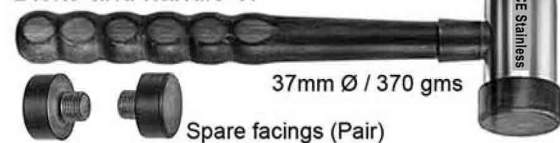
30-511-26 Mallet 26 cm / 10 1/4"



30-513-24 Mallet 24 cm / 9 1/2"



30-515-24 Mallet 24 cm / 9 1/2"
Disks and handle of



30-517-22 30mm Ø / 125 gms



30-519-26 Mallet 26.5 cm / 10 1/2"



30-522-00 A/B/C Doyen Mallet



30-524-19 Herbert Mallet
19 cm / 7 1/2"



BONE MALLET

**Note: Handle Shown In Dark Colors
are Made of FIBRE Material**

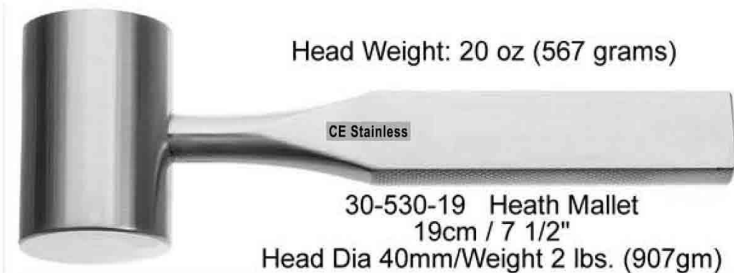


30-528-20
Kirk Mallet 20cm / 8"
Head Dia 38mm/Weight: 1 lb. 4 oz. (570 grams)



Head Weight: 7 oz (200 grams)

30-529-19 Gerzog Mallet 19cm / 7 1/2"
Head Dia 25mm/Weight 10 oz (285 grams)



Head Weight: 20 oz (567 grams)

30-530-19 Heath Mallet
19cm / 7 1/2"
Head Dia 40mm/Weight 2 lbs. (907gm)

Head Weight: 20 oz (567 grams)



30-533-18 Heath Mallet, SS
18cm / 7" Solid Frame Handle
Head Dia 40mm/Weight 36 oz. (1020gm)



30-536-24 All Fibre Mallet 24cm / 9 1/2"
Head Dia 80X60mm Weight 14oz. (397gm)



Fibre Handle

30-531-19
Cloward Mallet
19cm / 7 1/2"
Head Dia 20mm
Weight 8oz. (227gm)



30-532-20
Hajek Mallet
20cm / 8"
Head Dia 27mm
Weight 7oz. (198gm)



Fibre Handle

30-534-20 Narrow Tip Mallet 20cm / 8"
Head Dia 7mm Weight 6oz. (170gm)

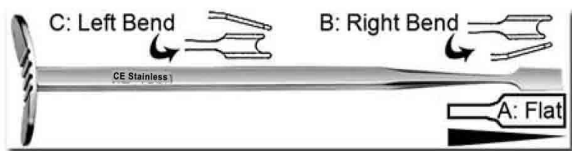


30-535-23 Fibre Handle Mallet 23cm / 9"
Head Dia 30mm/Weight 12 oz. (340gm)
Also Available in:
Head Dia 35mm/Weight 1lb 40 oz. (570gm)
Head Dia 40mm/Weight 1lb 90 oz. (708gm)



30-537-28 He-Man Mallet 28cm / 11"
Head Dia 38mm / 24mm
Weight 2lb (906gm)

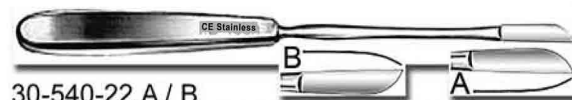
TENDON - CARTILAGE - MENISCUS TOOLS



30-538-18 Smillie Meniscus Knife 18 cm / 7"



30-539-18 Meniscus Knife 18 cm / 7"



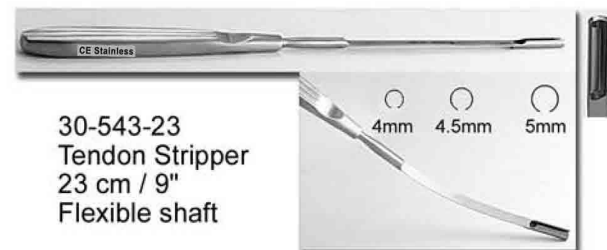
30-540-22 A / B
Neff Meniscus Knife 22 cm / 8 3/4"



30-541-21 A / B Salenius Meniscus Knife
21 cm / 8 1/4" A : Right / B: Left



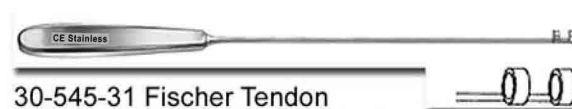
30-542-15 Bunnell Tendon Stripper 15 cm / 6"
3mm 4mm 5mm 6mm 7mm



30-543-23
Tendon Stripper
23 cm / 9"
Flexible shaft



30-544-33 Tendon Passing
Instrument 33.5 cm / 13 1/4"



30-545-31 Fischer Tendon
Stripper 31 cm / 12 1/4" Blunt



30-546-28 Tendon Stripper 3 / 4 / 5 / 6mm
A: 28.5 cm / 11 1/4" B: 60 cm / 24"



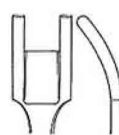
30-547-23 Bunnell Tendon
Passer 23 cm / 9" Malleable



30-548-40 Tendon Stripper 40 cm / 16"
Fibre Handle



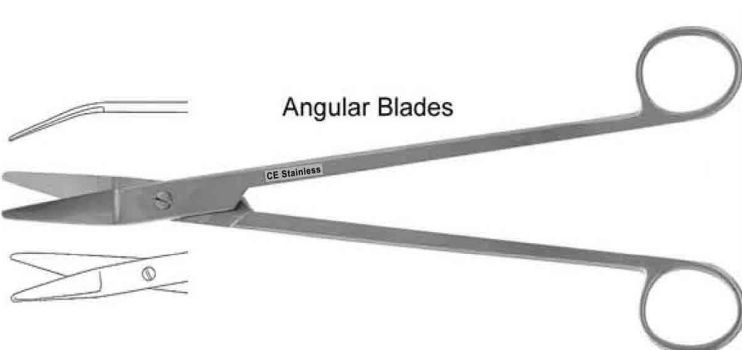
30-549-25
Lowe Breck
Cartilage Knife
25 cm / 10"
Str Edge-Cvd Blade
w/ Guards



30-550-25
Downing
Cartilage Knife
25 cm / 10"
Concave Edge
Cvd Blade
w/ Guards

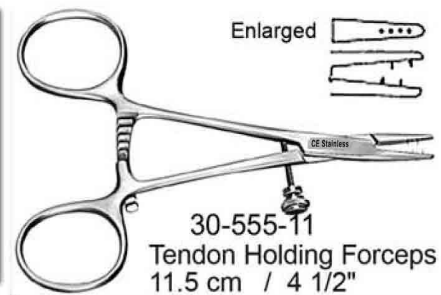
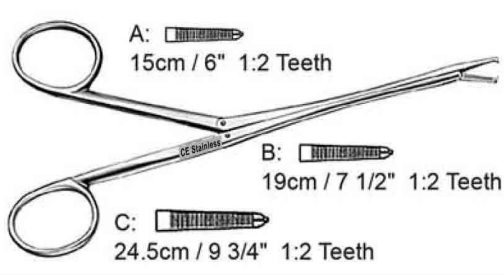
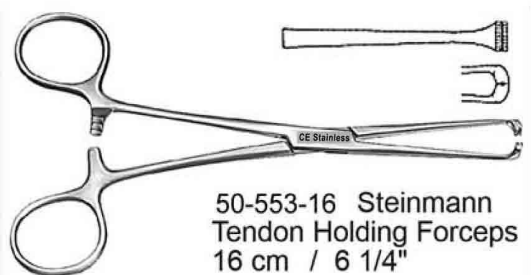


30-551-20 Martin Cartilage Scissors 20cm / 8"

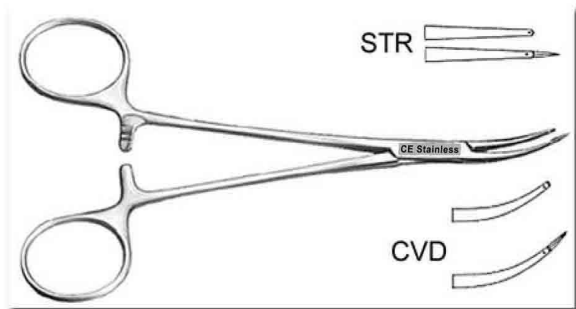


30-552-24 Mueller Capsule Scissors 24cm / 9 1/2"

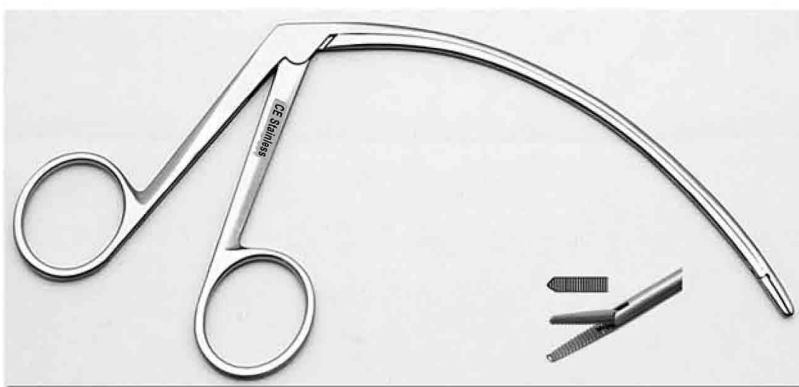
TENDON INSTRUMENTS



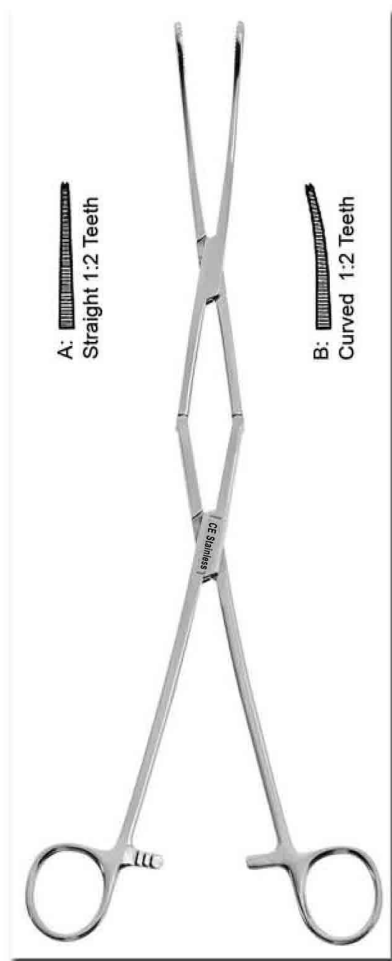
30-554-00 A / B / C
Brand Tendon Tunnelling Forceps



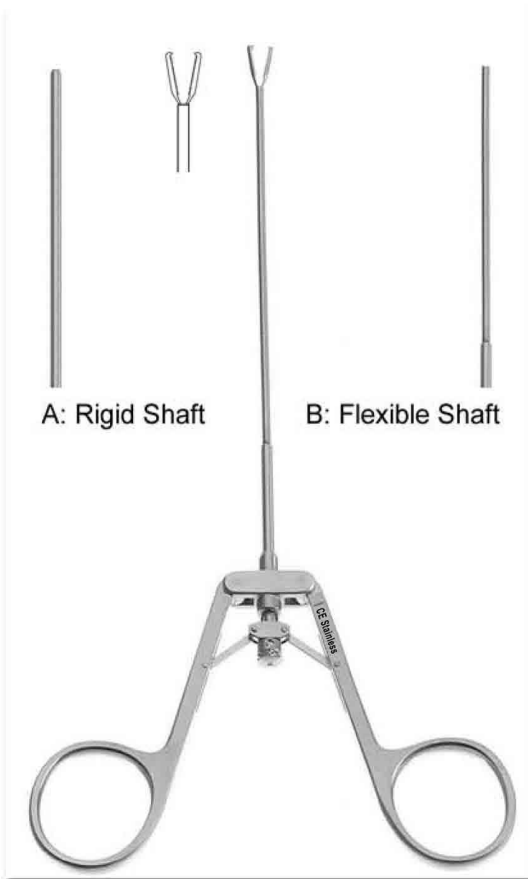
30-556-15 Tendon Interlacing Forceps
15.5 cm / 6" Pointed



30-557-11
Carroll Tendon Holding Forceps 11.5 cm / 4 1/2"



30-558-21
Hallman Tendon Tunnelling Forceps
21 cm / 8 1/4"

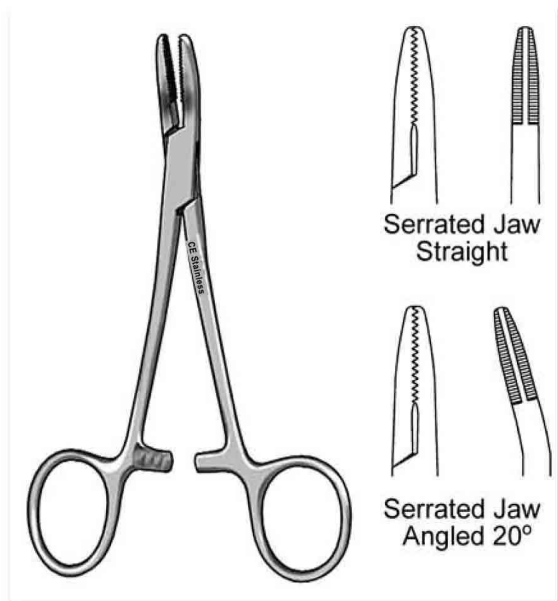


30-559-21
Kleinert-Kutz Tendon Holding Forceps
21 cm / 8 1/4" 1X2 teeth

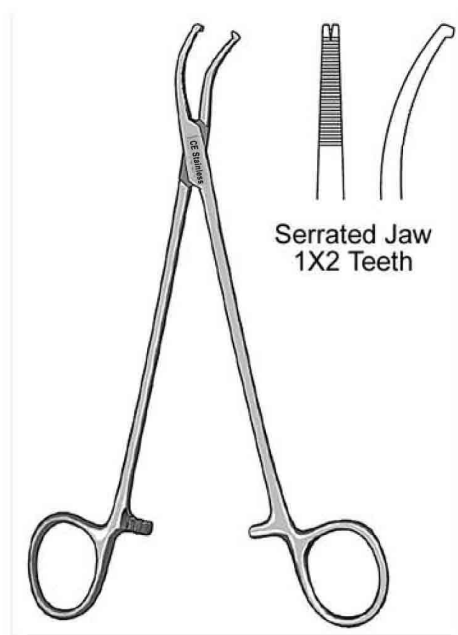


30-560-14
Hoen Grasping Forceps
14 cm / 5 1/2" (Shaft)
1X2 teeth

BONE GRASPERS - MENISCUS CLAMPS



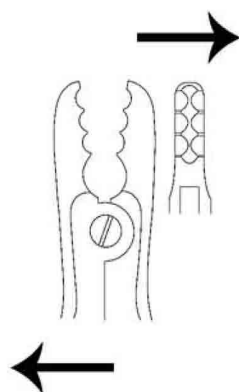
30-561-13
Meniscus Clamp
13.5 cm / 5 3/8" 1X2 teeth



20-562-18
Preston Ligamentum Flavum Forceps
(Meniscus) 18.5 cm / 7 1/4"



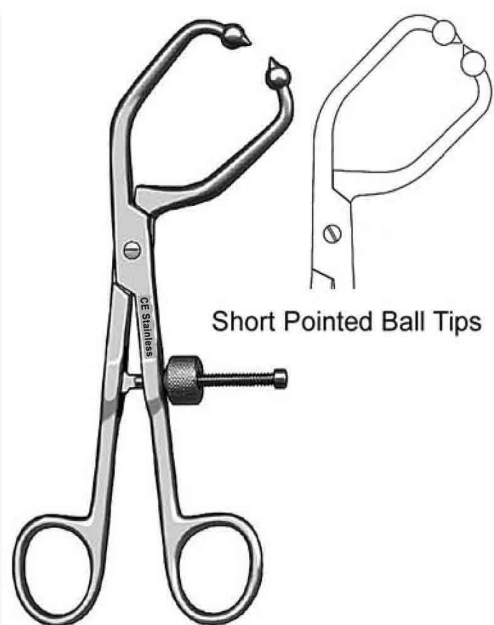
Straight



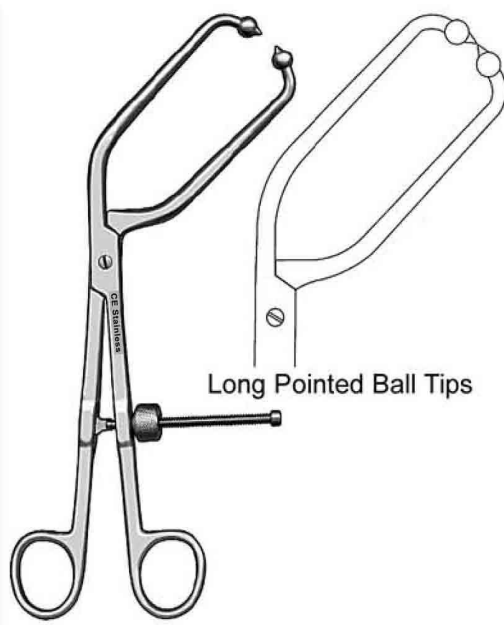
Angled

30-563-21
Ortho Grasper 21 cm / 8 1/2"
7 X 20 MM Bite

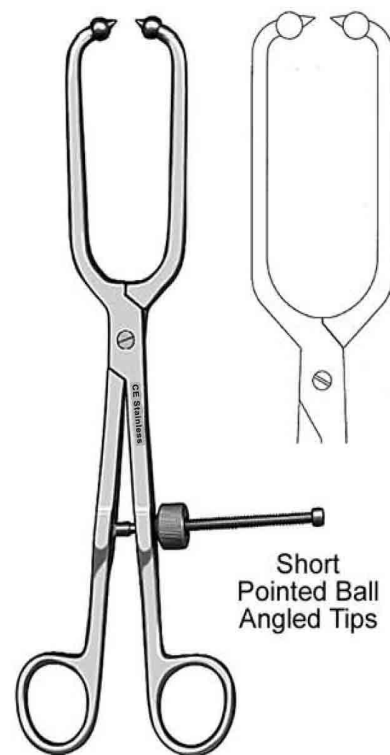
PELVIC REDUCTION INSTRUMENTS



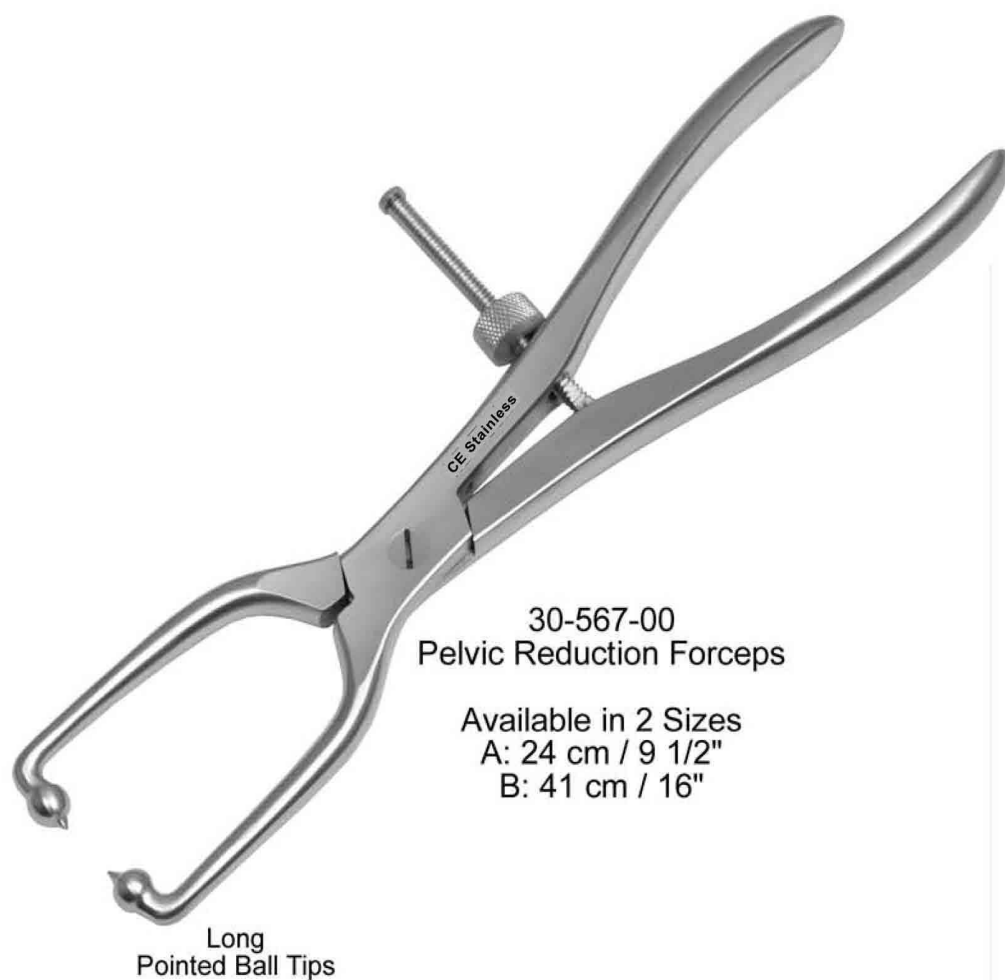
30-564-19 Pelvic Reduction Forceps
19 cm / 7 3/8" Angular



30-565-24 Pelvic Reduction Forceps
24.5 cm / 9 5/8" Angular

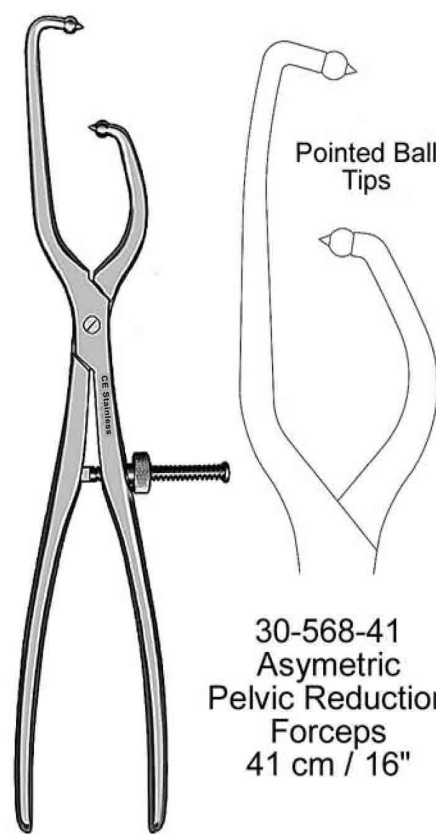


30-566-25
Pelvic Reduction Forceps
25 cm / 10"



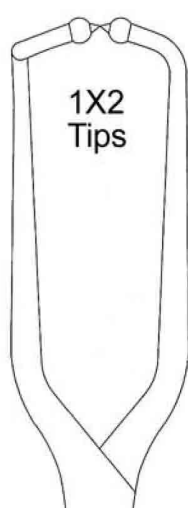
30-567-00
Pelvic Reduction Forceps

Available in 2 Sizes
A: 24 cm / 9 1/2"
B: 41 cm / 16"



30-568-41
Asymmetric
Pelvic Reduction
Forceps
41 cm / 16"

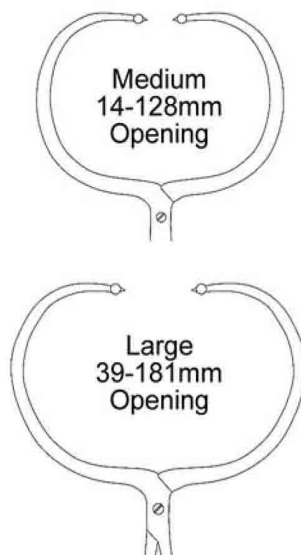
PELVIC REDUCTION INSTRUMENTS



1X2
Tips



50-569-41
Pelvic Reduction Forceps
Long 1X2
Pointed Ball Tips
41 cm / 16"



Medium
14-128mm
Opening

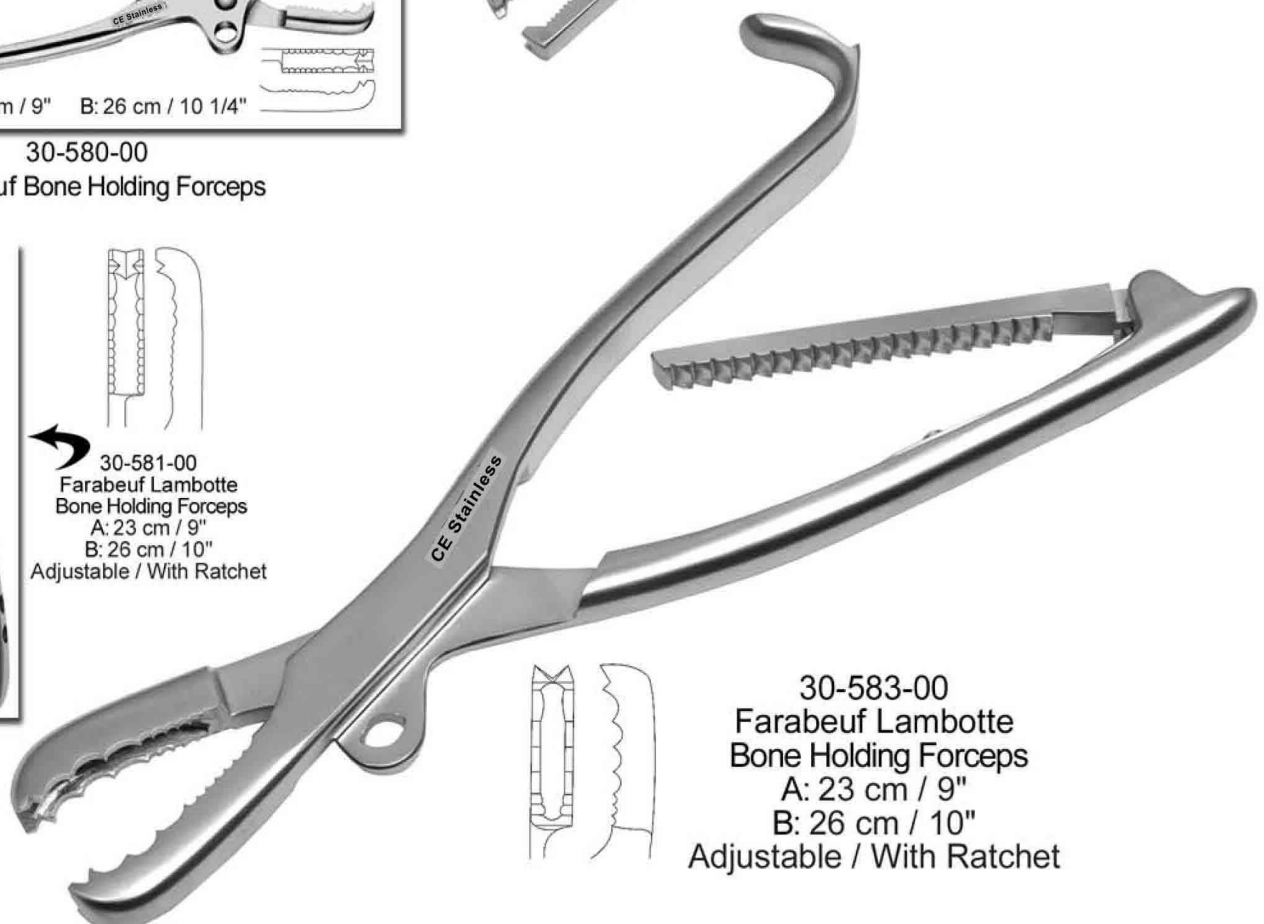
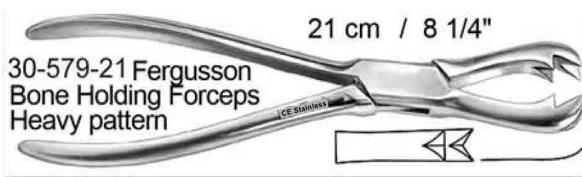
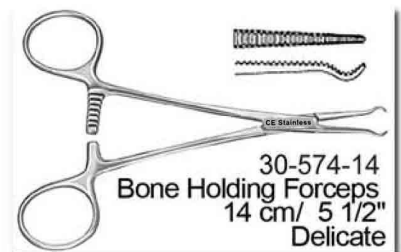
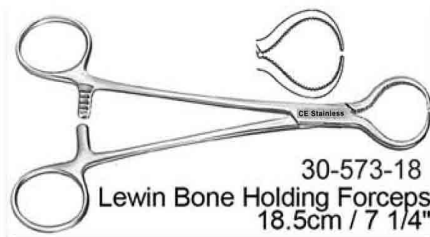
Large
39-181mm
Opening

30-570-38
Periarticular
Reduction Forceps
Straight
Pointed Ball Tips
38 cm / 15"

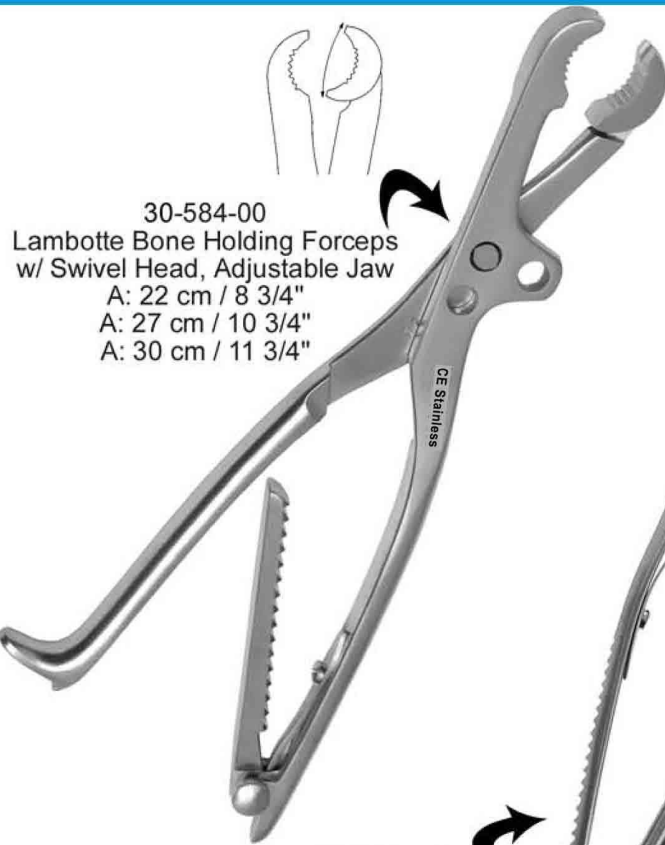


30-571-00
Pelvic
Reduction Forceps
Adjustable Jaws for Screws
A: 25 cm / 10"
B: 33 cm / 13"

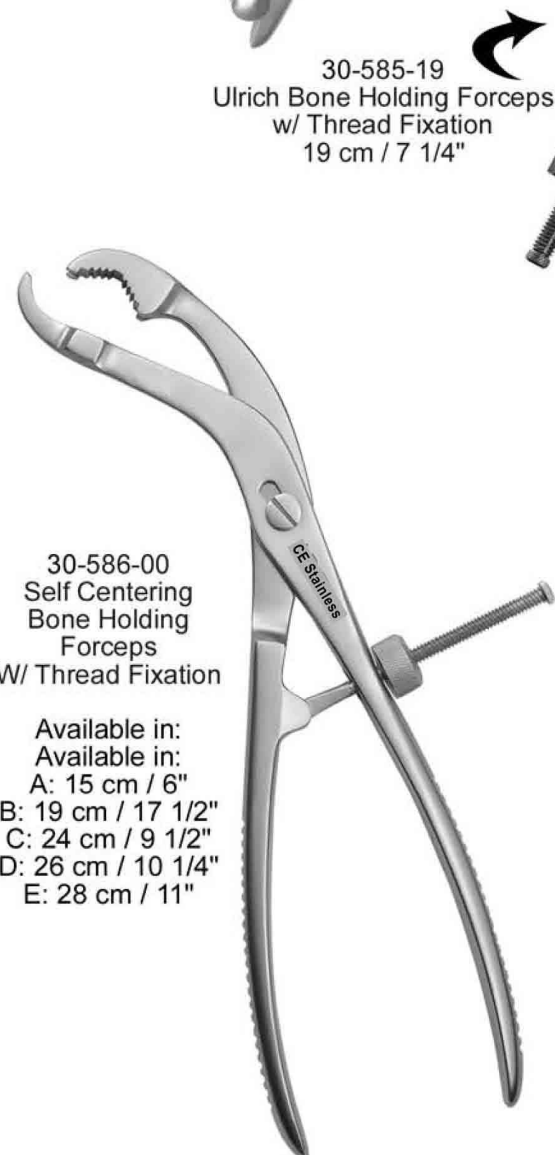
BONE HOLDING FORCEPS



BONE HOLDING FORCEPS



30-584-00
Lambotte Bone Holding Forceps
w/ Swivel Head, Adjustable Jaw
A: 22 cm / 8 3/4"
A: 27 cm / 10 3/4"
A: 30 cm / 11 3/4"

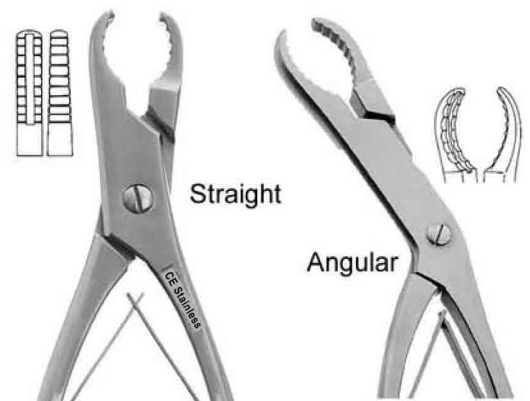


30-586-00
Self Centering
Bone Holding
Forceps
W/ Thread Fixation

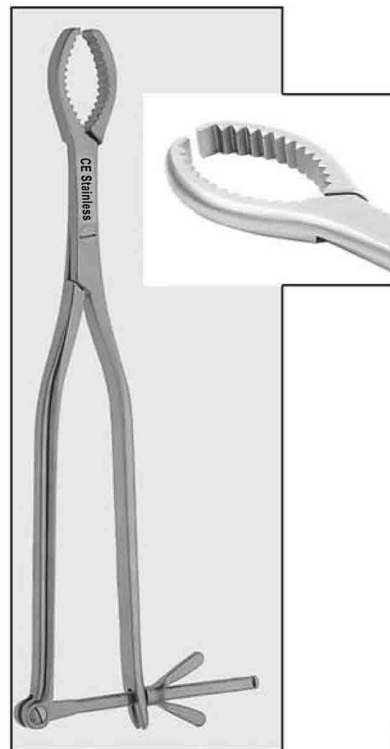
Available in:
Available in:
A: 15 cm / 6"
B: 19 cm / 17 1/2"
C: 24 cm / 9 1/2"
D: 26 cm / 10 1/4"
E: 28 cm / 11"



30-585-19
Ulrich Bone Holding Forceps
w/ Thread Fixation
19 cm / 7 1/4"



30-587-00
Ulrich
Bone Holding
Forceps
w/ Thread Fixation
A: 23 cm / 9"
A: 25 cm / 9 3/4"
A: 28 cm / 11"



30-588-00
Hey Groves
Bone Holding Forceps
A: 20 cm / 8"
B: 25 cm / 10"
C: 30 cm / 12"



30-588-00A
Lane Bone Holding Forceps
w/ Ratchet
A: 33 cm / 13"
B: 45 cm / 17 3/4"



30-588-00B
without
Ratchet

BONE HOLDING FORCEPS

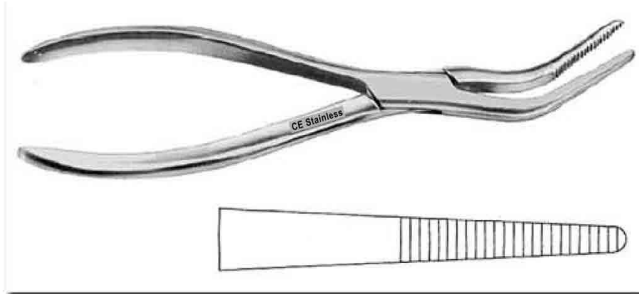


Enlarged Tip
of 25cm Shown

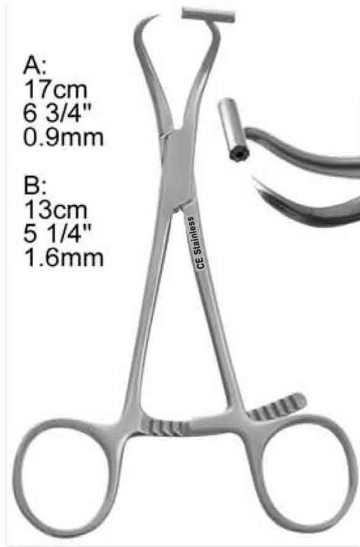
30-589-00
Verbrugge
Bone Holding Forceps
A: 17.5 cm / 7"
B: 25 cm / 9 3/4"
C: 26 cm / 10 1/4"
D: 27 cm / 10 3/4"



30-590-23
Smooth Jaws
Bone Holding Forceps
23 cm / 9"



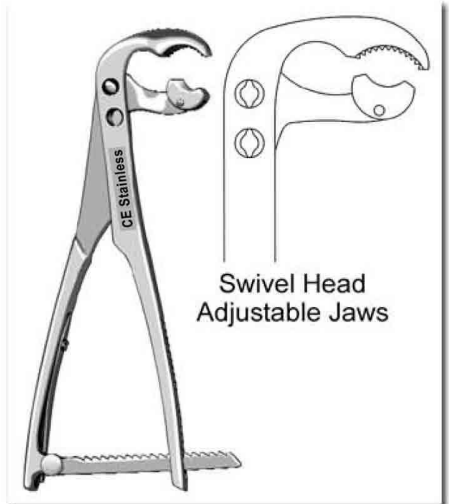
30-591-21
Van Buren Bone Holding Forceps 21.5 cm / 8 1/2"



A:
17cm
6 3/4"
0.9mm

B:
13cm
5 1/4"
1.6mm

30-592-00
Bone Holding Forceps



Swivel Head
Adjustable Jaws

30-593-23
Angled Bone Holding Forceps
23 cm / 9"



30-594-23
Bishop Bone Holding Forceps
23 cm / 9"



30-595-23
Bishop Bone Holding Forceps
23 cm / 9"



1X2 Prong

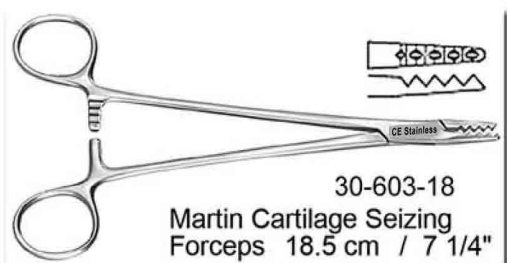
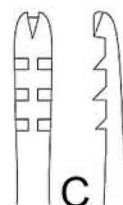
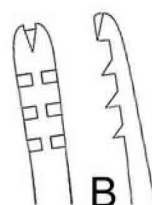
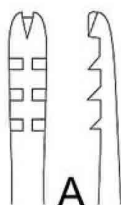
2X2 Prong

30-596-18
Patella Forceps
18 cm / 7"

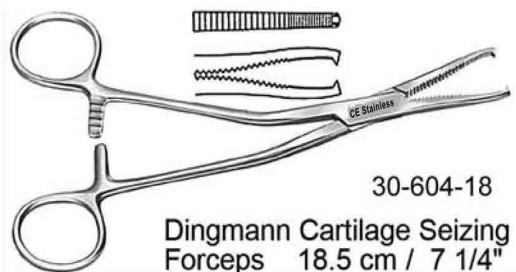
CARTILAGE - REPOSITION FORCEPS



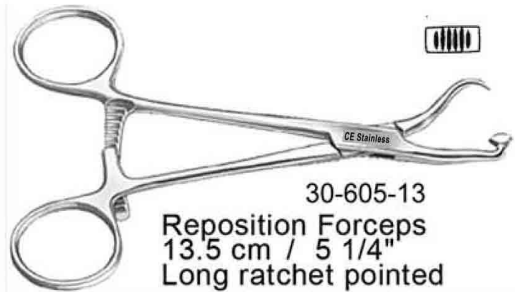
30-602-00
Walton
Cartilage Seizing Forceps
20.5 cm / 8"
A: Straight
B: Upward Cvd
C: Sideward Cvd



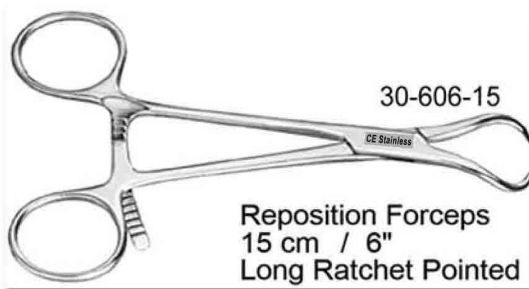
30-603-18
Martin Cartilage Seizing
Forceps 18.5 cm / 7 1/4"



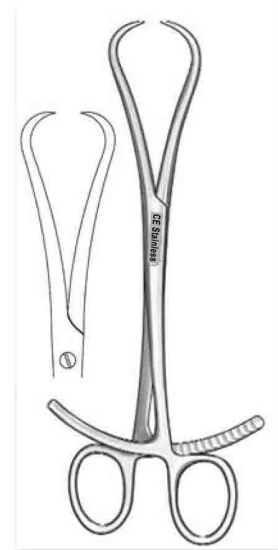
30-604-18
Dingmann Cartilage Seizing
Forceps 18.5 cm / 7 1/4"



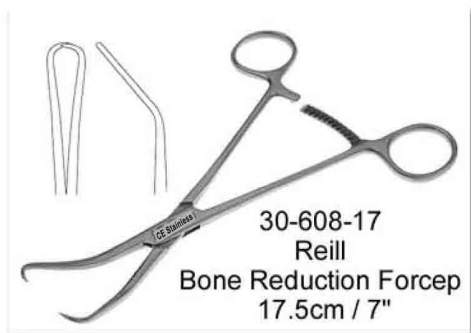
30-605-13
Reposition Forceps
13.5 cm / 5 1/4"
Long ratchet pointed



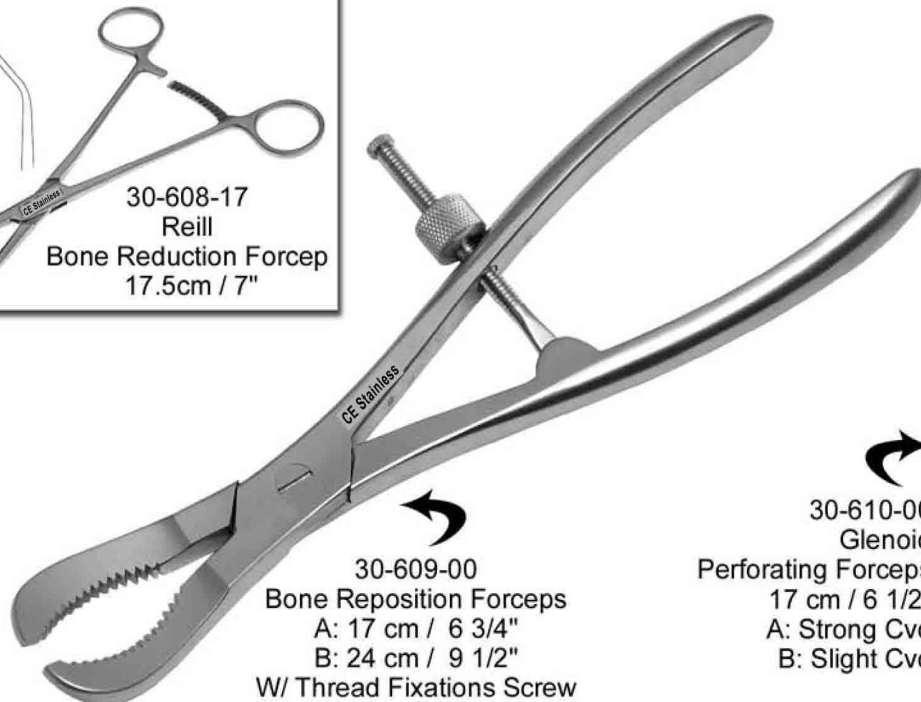
30-606-15
Reposition Forceps
15 cm / 6"
Long Ratchet Pointed



30-607-20
Walton Bone
Reduction Forceps
20.5 cm / 8"
2" Double Ratchet
Opening 9-100mm

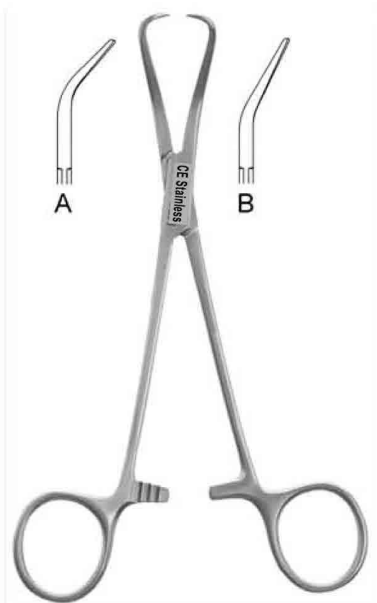


30-608-17
Reill
Bone Reduction Forcep
17.5cm / 7"

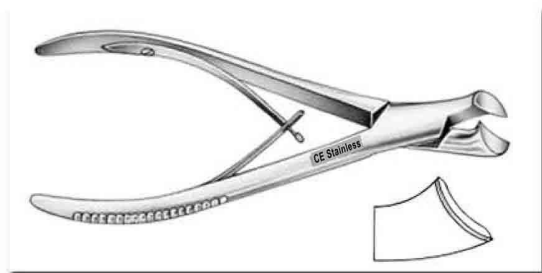


30-609-00
Bone Reposition Forceps
A: 17 cm / 6 3/4"
B: 24 cm / 9 1/2"
W/ Thread Fixations Screw

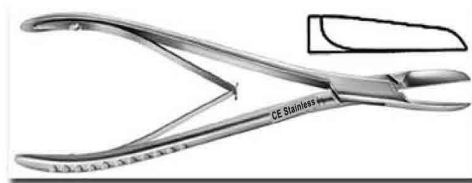
30-610-00
Glenoid
Perforating Forceps
17 cm / 6 1/2"
A: Strong Cvd
B: Slight Cvd



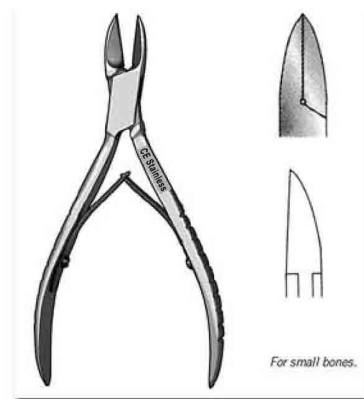
BONE CUTTING FORCEPS



30-611-00
Marwalder Bone Nipper 18.5 cm / 7 1/4"



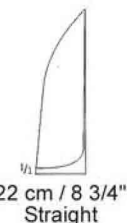
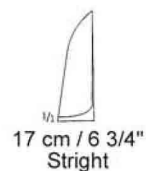
30-612-00
Cottle Kazanjian Bone Cutting Forceps
18.5 cm / 7 1/4"



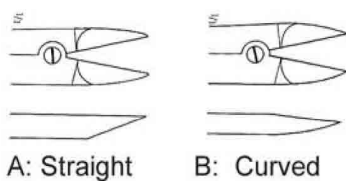
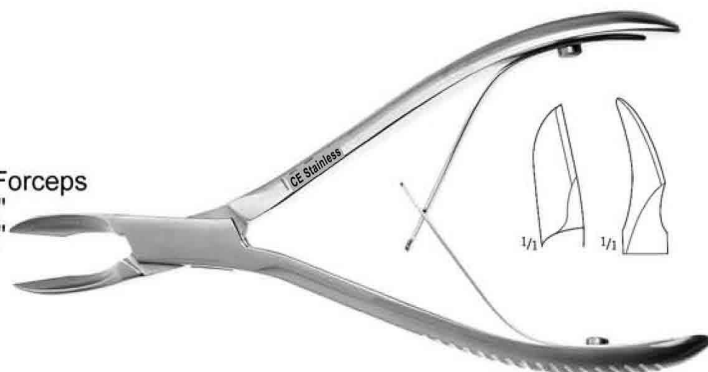
30-613-00
Littauer Bone Cutting Forceps
15 cm / 6"



30-614-00
Liston Bone Cutting Forceps



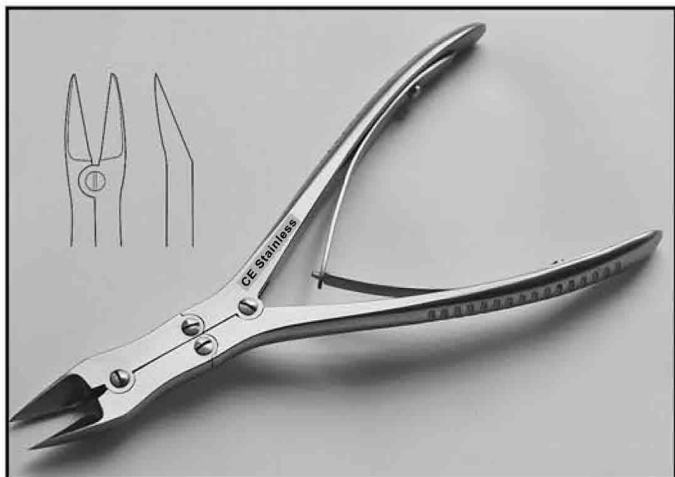
30-615-00
Cleveland Bone Cutting Forceps
A: 14.5 cm / 5 3/4"
B: 17 cm / 6 3/4"



30-616-14
Kleinert-Kutz / Böhler Bone Cutting
Forceps 14.5 cm / 5 3/4"



BONE CUTTING FORCEPS



30-621-18
McIndoe
Bone Cutting Forceps
18 cm / 7"
Delicate Blades



30-622-25
Stille-Horsley / Liston Key
Bone Cutting Forceps
25.5 cm / 10"

45° Angled

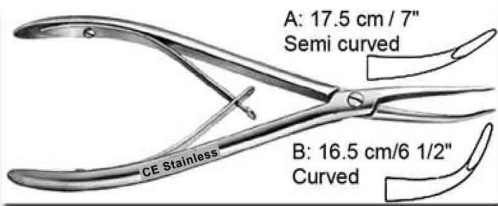


90° Angled

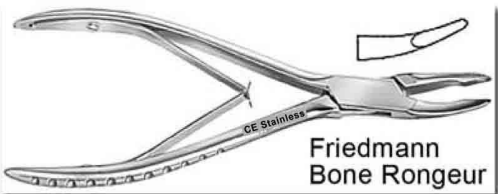
Angled On Side

30-623-24
Semb
Bone Cutting Forceps
24.5 cm / 9 3/4"

BONE RONGEURS - NIBBLERS



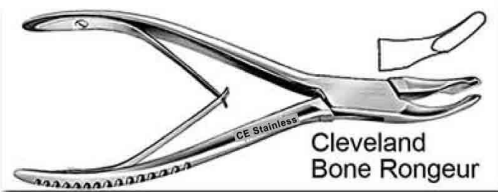
30-624-00 Stellbrink Bone Rongeur



30-625-00 A: 12.5cm / 5"
B: 13.5cm / 5 1/4"



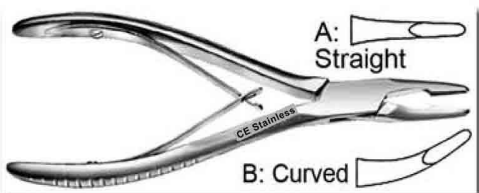
30-626-13 13.5 cm / 5 1/4"



30-627-00
A: 13.5 cm / 5 1/4" B 16.5 cm / 6 1/2"



16.5 cm / 6 1/2"

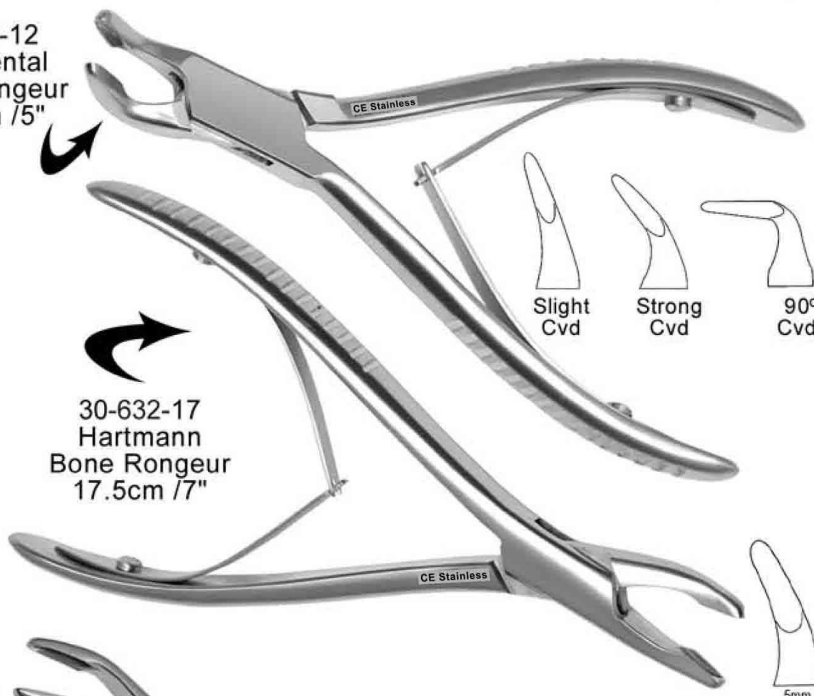


30-629-18 Jansen Bone Rongeur 18 cm / 7"



19 cm / 7 1/2"

30-631-12 Bluemental Bone Rongeur 12.5cm / 5"



30-632-17 Hartmann Bone Rongeur 17.5cm / 7"



30-633-19 Jansen Bone Rongeur 19cm / 7 1/2" Bayonet

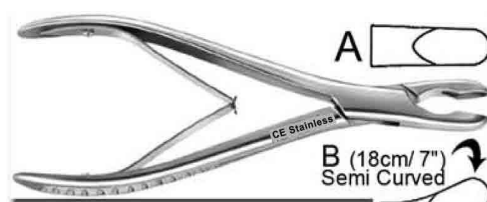
30-634-00 Jansen Bone Rongeur
A: 14cm / 5 1/2"
B: 17cm / 6 1/2"
Straight



30-635-14 Jansen Bone Rongeur 14cm / 5 1/2" Delicate

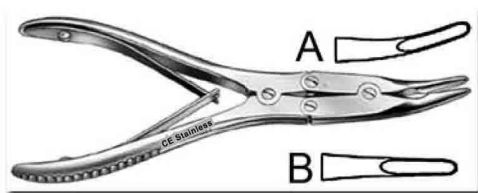


30-636-14 Luer Bone Rongeur 14.5 cm / 5 3/4"



30-637-18 Luer Bone Rongeur 18.5 cm / 7 1/4"

BONE RONGEURS - NIBBLERS



30-638-15 Böhler Bone Rongeur
15.5 cm / 6"



30-639-18 Beyer Bone Rongeur
18 cm / 7"



30-640-18 Zaufal-Jansen
Bone Rongeur 18 cm / 7"



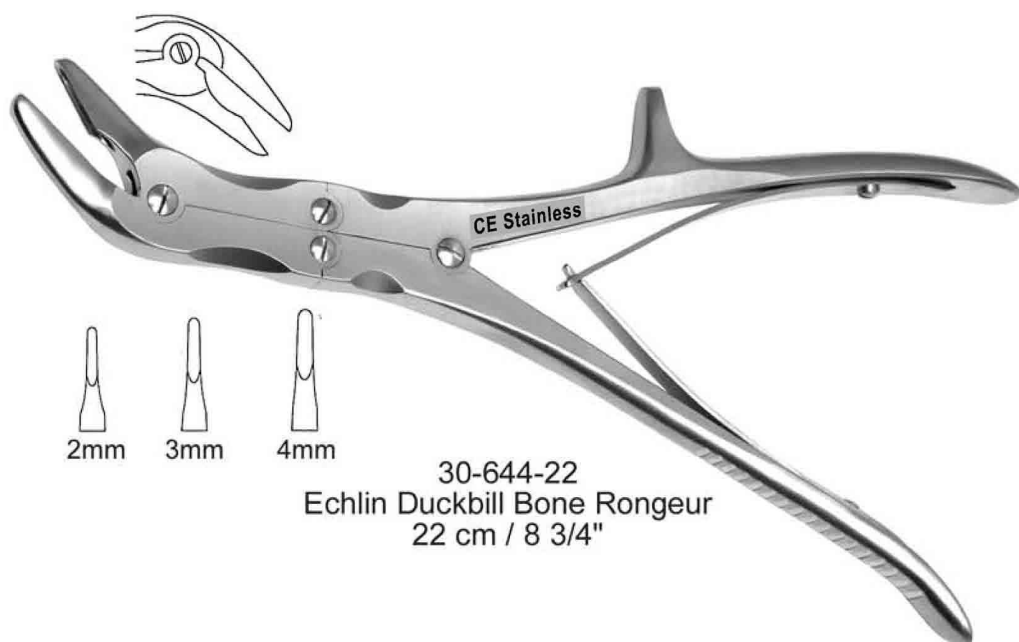
30-641-18
Mayfield Bone Rongeur
18 cm / 7"



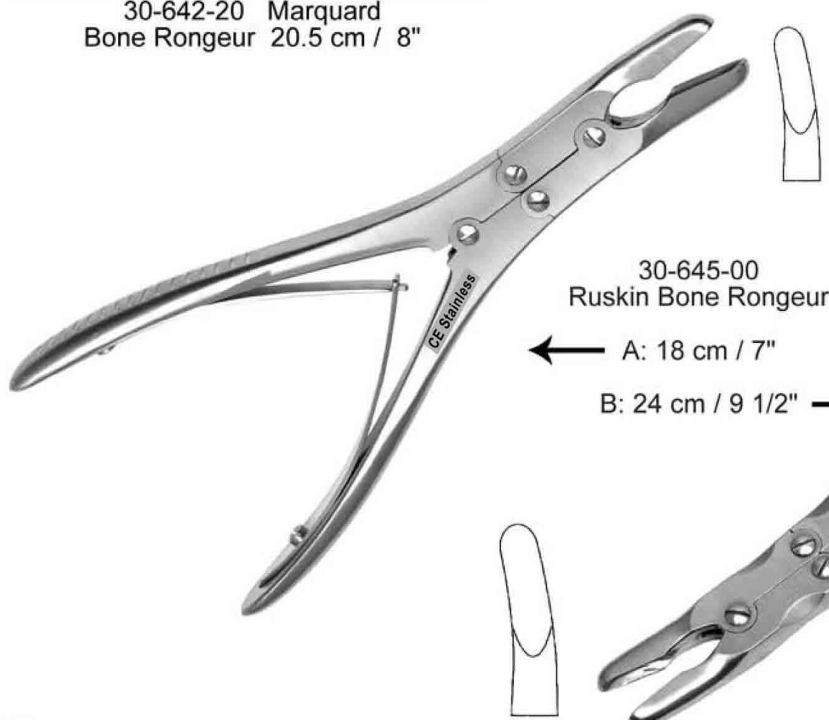
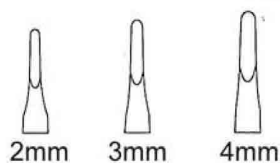
30-642-20 Marquard
Bone Rongeur 20.5 cm / 8"



30-643-22
Stille Bone Rongeur
22.5 cm / 8 3/4"



30-644-22
Echlin Duckbill Bone Rongeur
22 cm / 8 3/4"

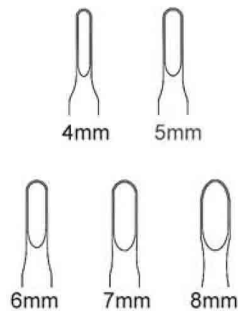


30-645-00
Ruskin Bone Rongeur

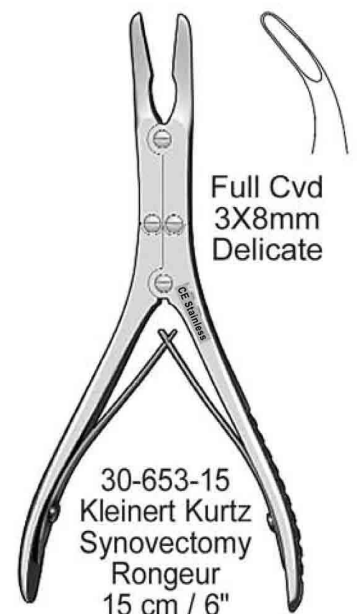
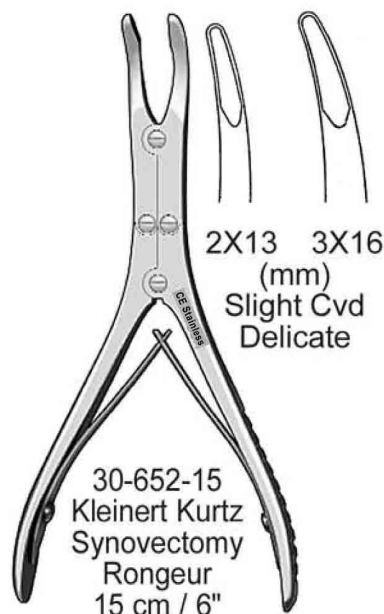
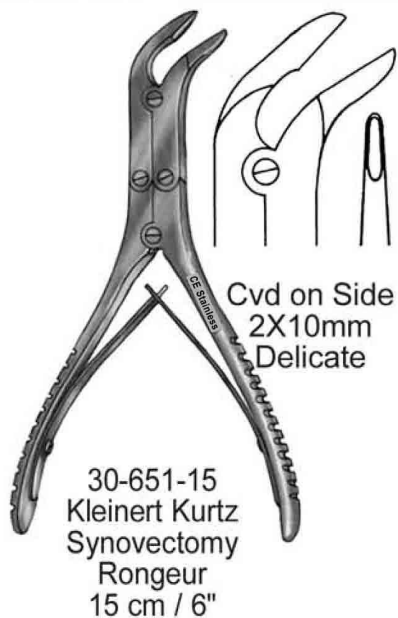
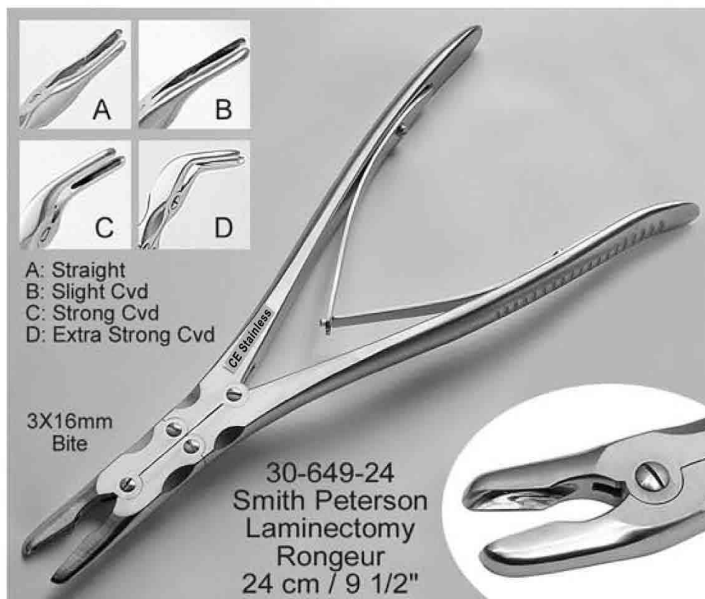
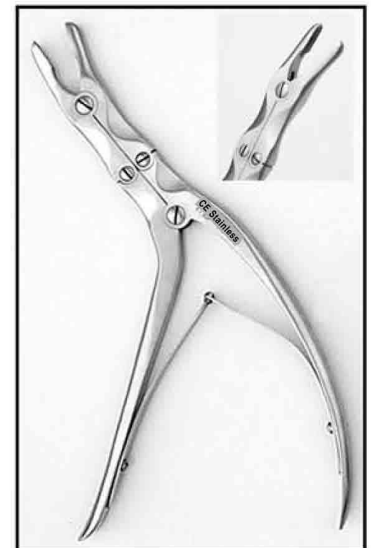
← A: 18 cm / 7"

B: 24 cm / 9 1/2" →

BONE RONGEURS - NIBBLERS



Same Size In
Both Rongeurs

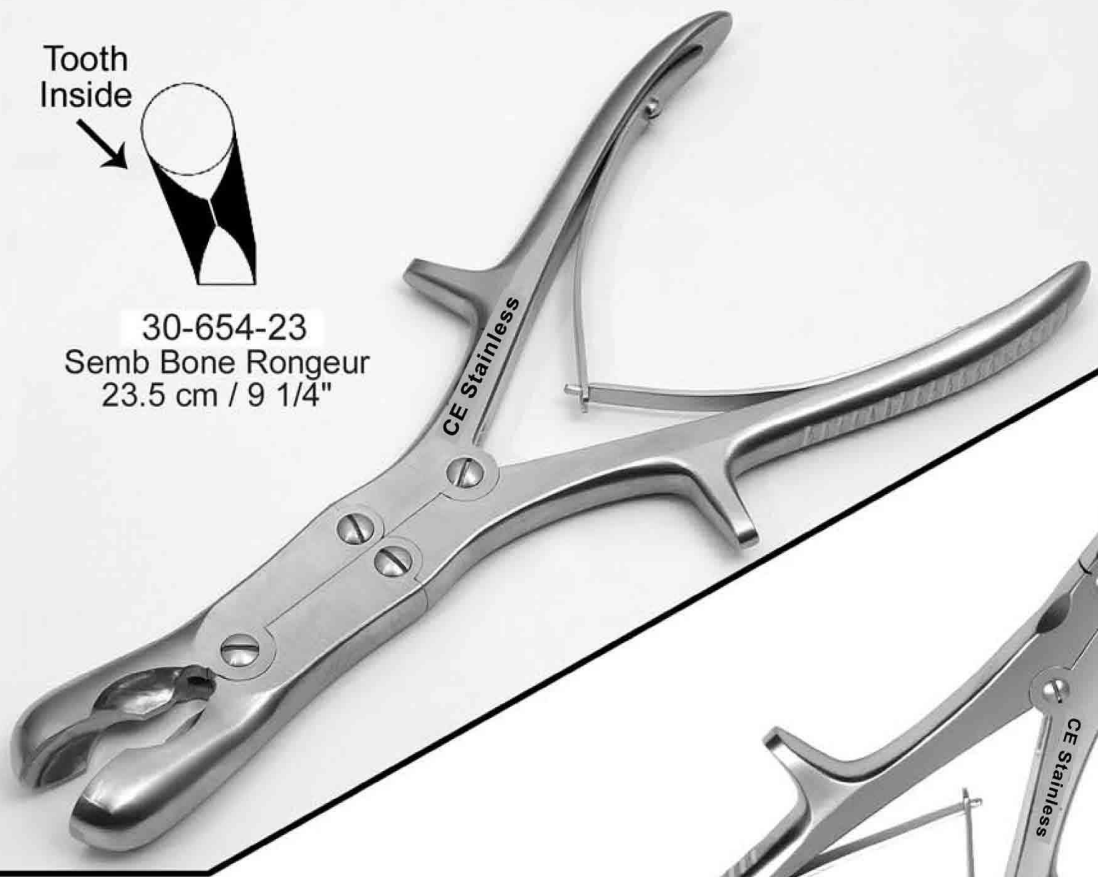


BONE RONGEURS - NIBBLERS

Tooth
Inside

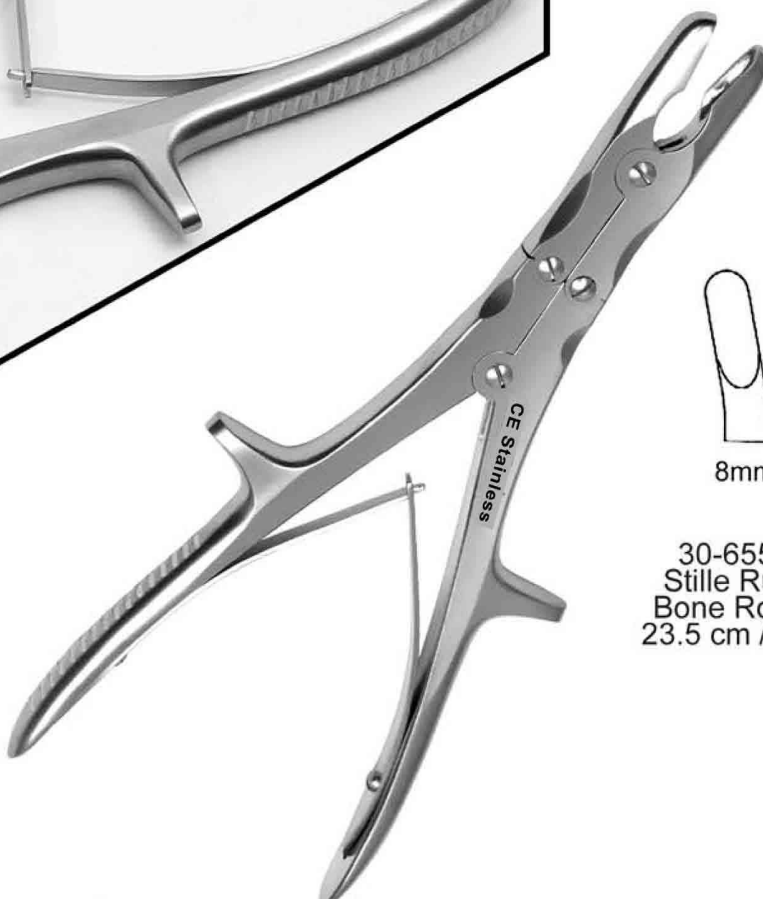


30-654-23
Semb Bone Rongeur
23.5 cm / 9 1/4"

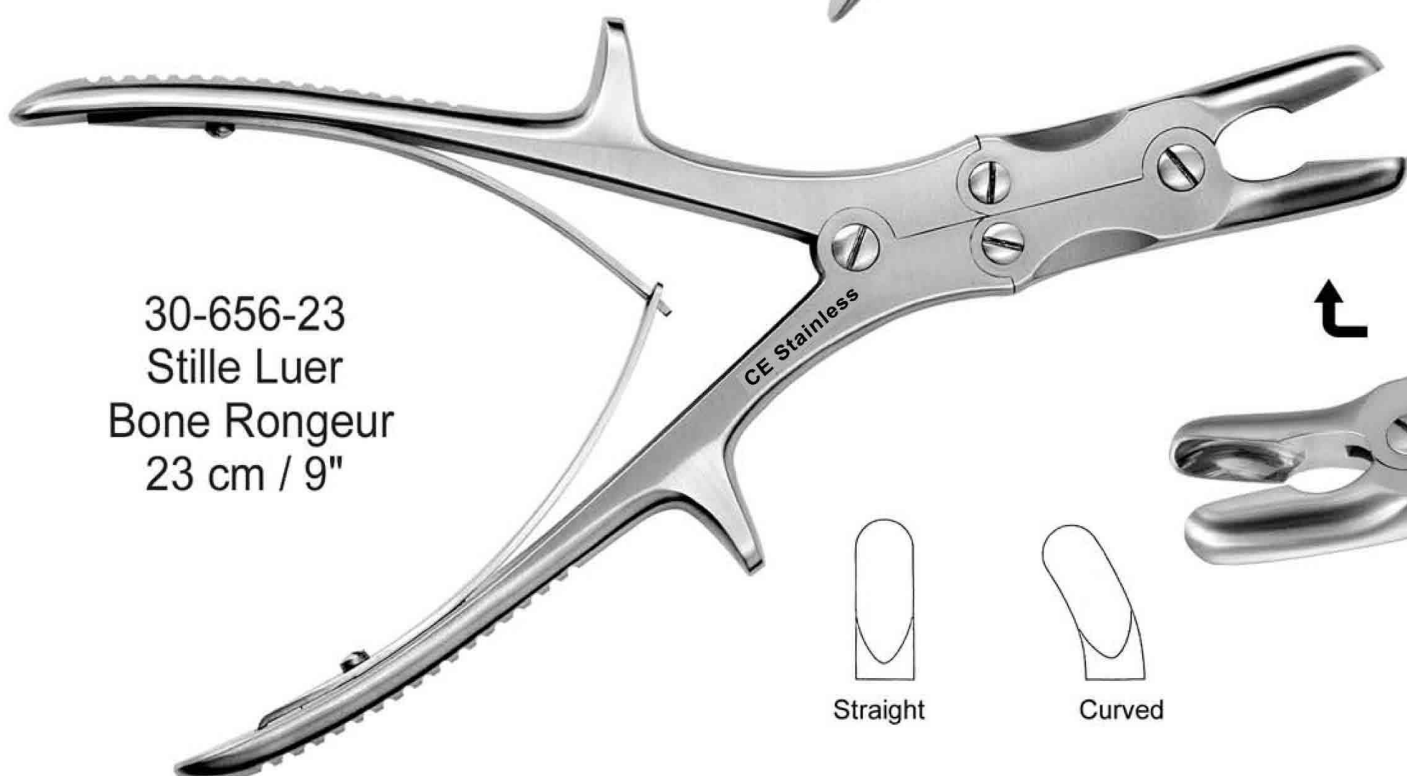


8mm

30-655-23
Stille Ruskin
Bone Rongeur
23.5 cm / 9 1/4"



30-656-23
Stille Luer
Bone Rongeur
23 cm / 9"



Straight

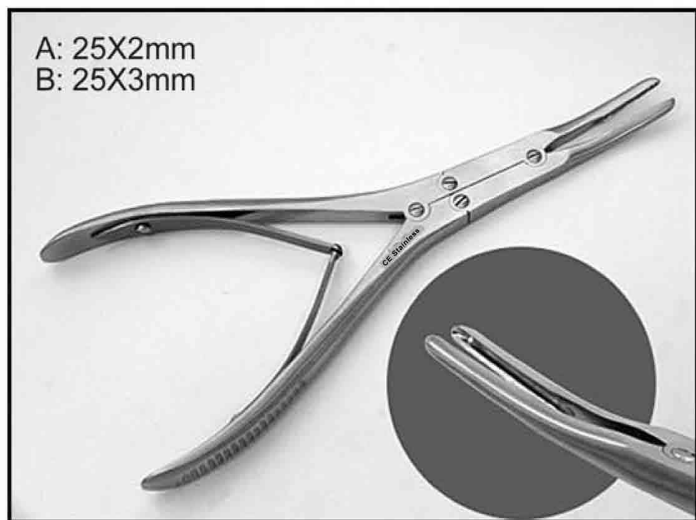


Curved



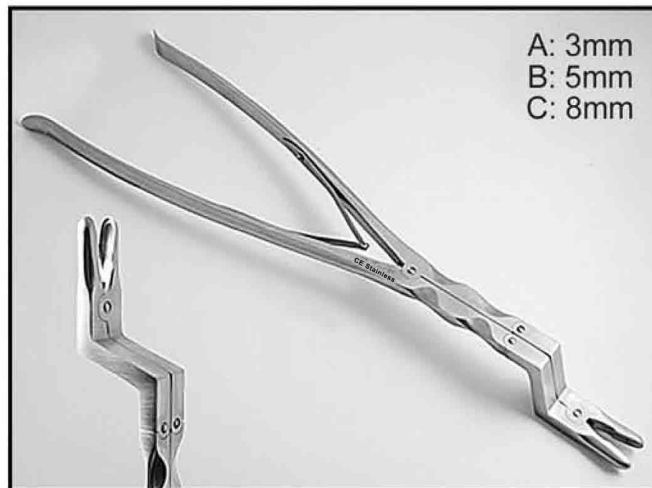
BONE RONGEURS - NIBBLERS

A: 25X2mm
B: 25X3mm



30-658-18
Mainz Long Neck Bone Rongeur 18 cm / 7"

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



30-659-41
Leksell Bayonet Rongeur 41 cm / 16"

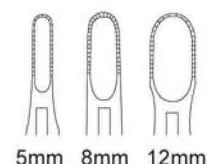


30-660-37
Sybert Rongeur 37 cm / 14 1/2"

4X16mm 5X16mm

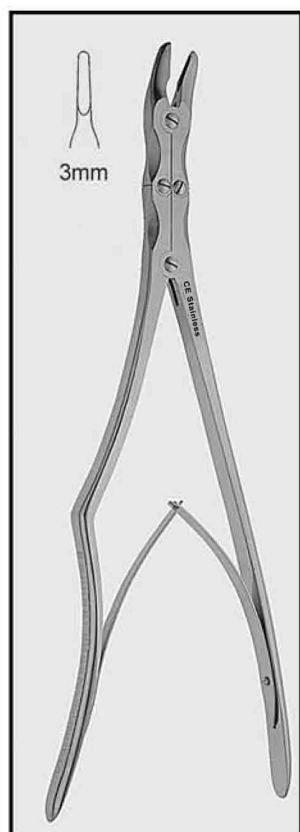
8X16mm 12X16mm

Standard

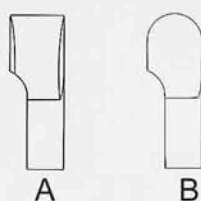


With Teeth

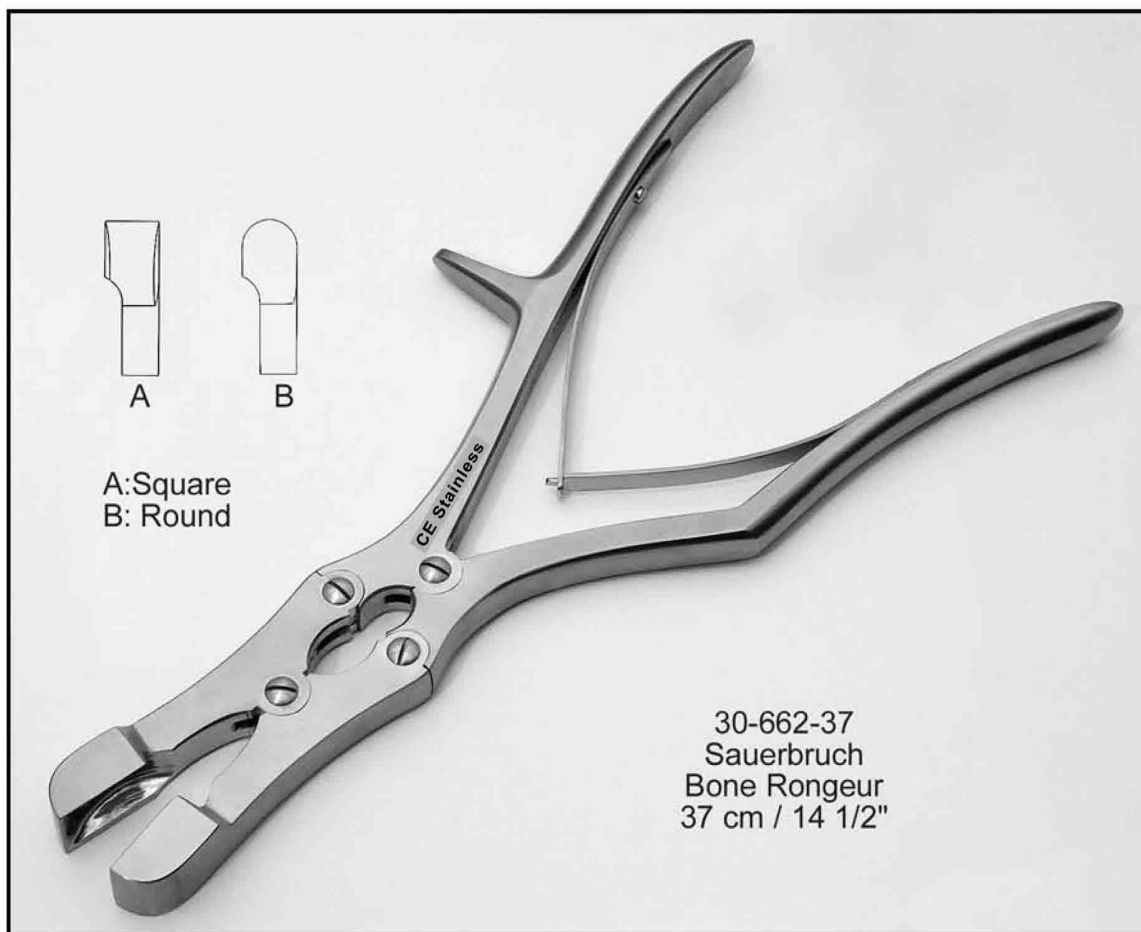
3mm



30-661-37
Dale Thoracic
Rongeur
37 cm / 14 1/2"



A: Square
B: Round



30-662-37
Sauerbruch
Bone Rongeur
37 cm / 14 1/2"

RIB SHEARS



30-663-22
Rib Shear
Double Spring
22 cm / 8 3/4"



30-664-00
Rib Shear
Double Spring
A: 20 cm / 8"
B: 23 cm / 9"



30-665-17
Collin Rib Shear
17.5 cm / 7"



30-666-17
Collin Rib Shear
17 cm / 6 3/4"



30-667-21
Stille Rib Shear
21 cm / 8 1/4"



30-668-00
Gluck
Rib Shear
A: 16 cm / 6"
B: 18 cm / 7"
C: 20 cm / 8"
D: 23 cm / 9"



30-669-28
Brunner
Rib Shear
28 cm / 11"



30-670-25
Giertz Stille
Rib Shear
25 cm / 10"



30-671-00
Sauerbruch
Rib Shear
A: 23 cm / 9"
A: 26 cm / 10 1/4"

RIB SHEARS - STERNUM CHISEL



30-672-25
Labsche
Rib Shear
25 cm / 10"



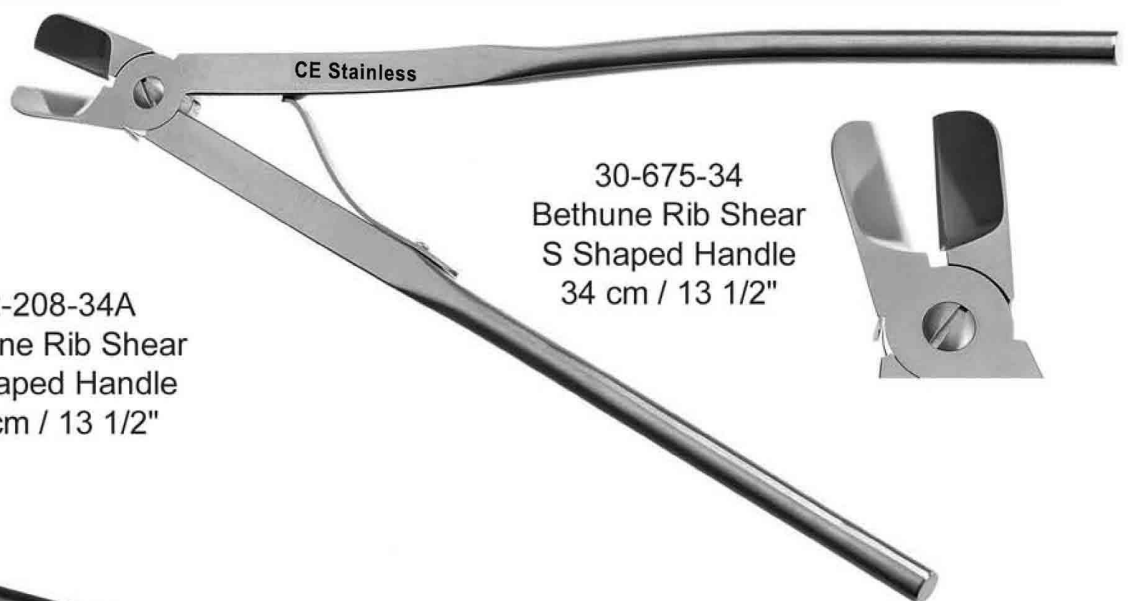
30-673-24
T Handle Labsche Sternum Chisel
24 cm / 9 1/2"



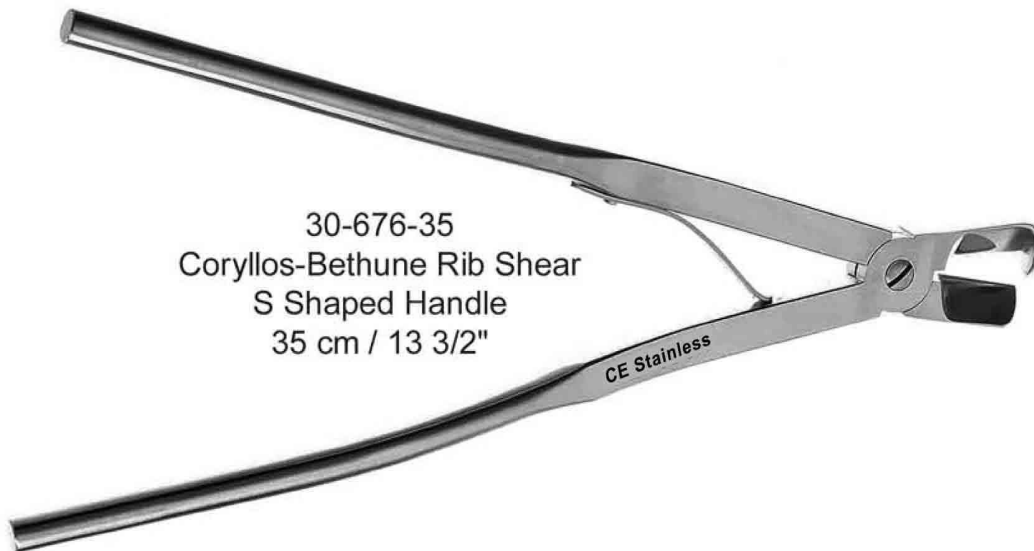
30-674-17
Rib Shear
Sideward
17 cm / 6 3/4"



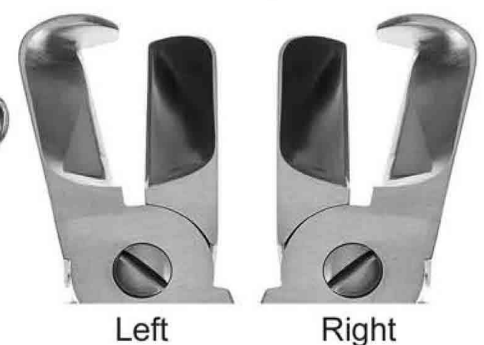
Pointed
Tips
12-208-34A
Bethune Rib Shear
S Shaped Handle
34 cm / 13 1/2"



30-675-34
Bethune Rib Shear
S Shaped Handle
34 cm / 13 1/2"



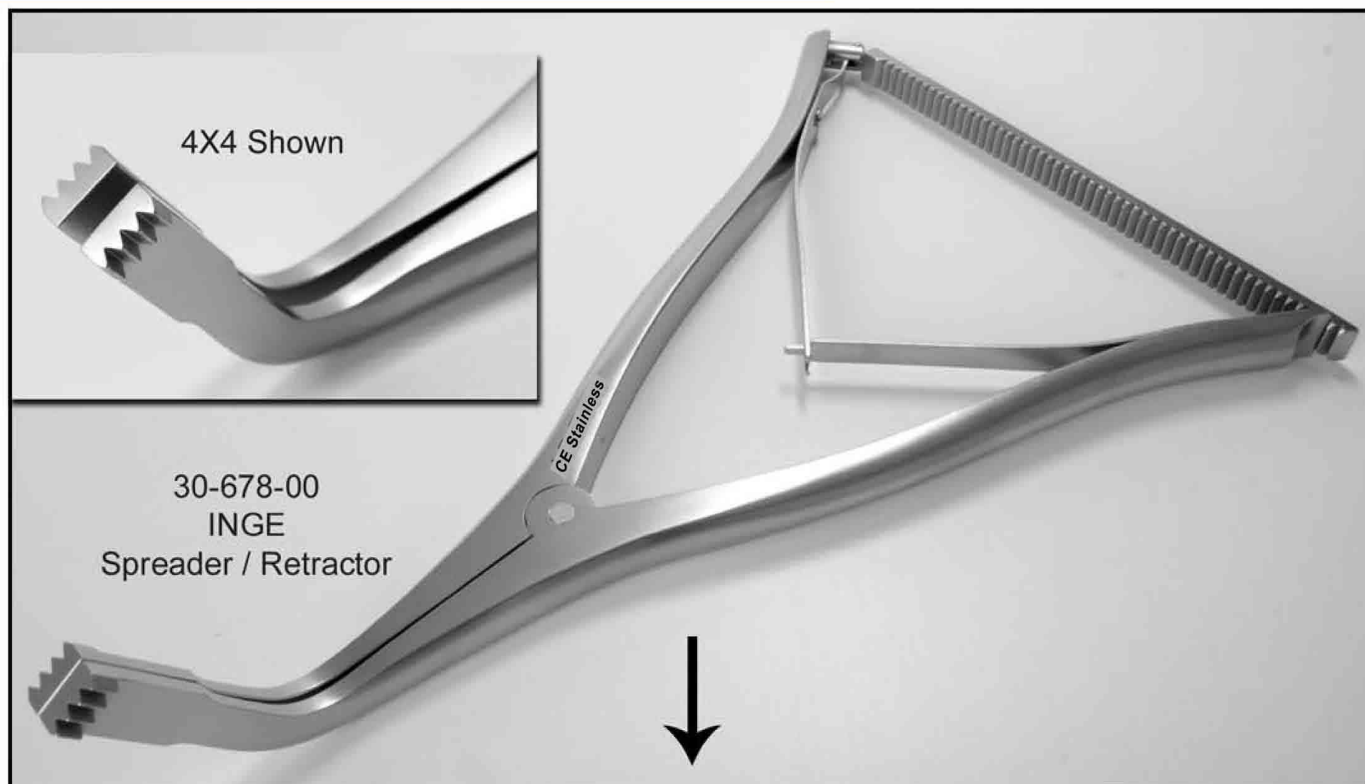
30-676-35
Coryllos-Bethune Rib Shear
S Shaped Handle
35 cm / 13 3/2"



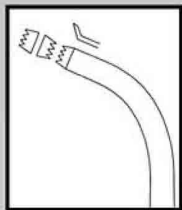
30-677-33
Roos Rib Shear
Right Angled Jaw W/ Hook
33 cm / 13"



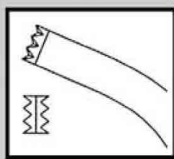
SPREADERS



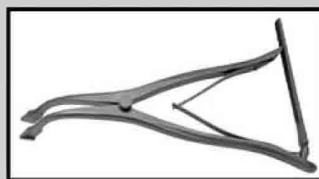
Available in 4X4 and 6X6 Teeth
and Without Teeth (Plain)



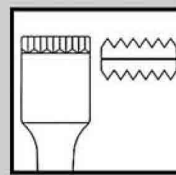
A: 4X4 Teeth
B: Without Teeth
16.5 cm / 6 1/2"



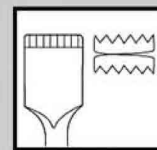
C: 4X4 Teeth
D: Without Teeth
25.5 cm / 10"



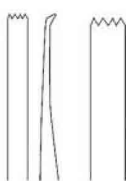
10 Inch Length Pattern



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



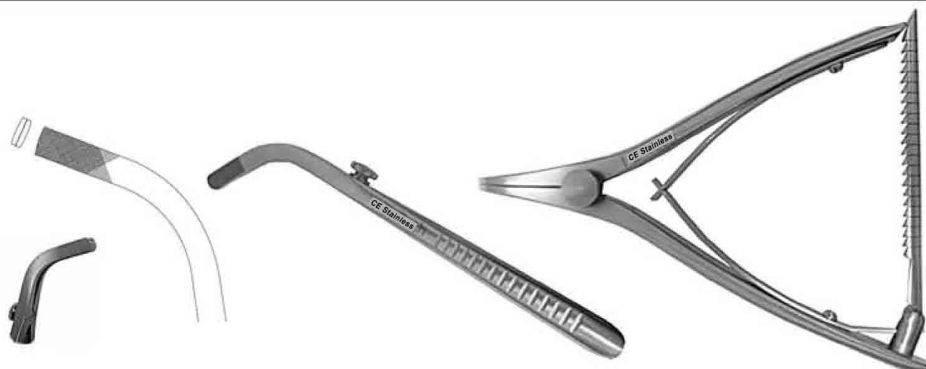
C: 6X6 Teeth
C: Without Teeth
27 cm / 10 1/2"
Concave Blades



30-680-00
Vertebra
Spreader
/ Retractor
A: 18 cm / 7"
B: 28 cm / 11"



30-682-00
Saxsena Lamina
Spreader / Retractor
A: 18 cm / 7"
B: 25.5 cm / 10"
Serrated Outside
Blades



SPREADERS



30-683-18
Calcaneal Spreader
Smooth Pads 15X12mm
18 cm / 7"



30-684-18
Calcaneal Spreader
Grooved Pads 15X12mm
18 cm / 7"



30-685-18
Lombardi Femoral
Tibial Spreader (Small)
A: Grooved Pads 22X13mm
18 cm / 7"



B: Damond Cut Pads 22X13mm



30-686-23
Lombardi Femoral
Tibial Spreader (Large)
A: Grooved Pads 22X13mm
23.5 cm / 9 1/4"

B: Damond Cut Pads 22X13mm

COMPRESSION - DISTRATING FORCEPS



30-687-28
Compressing Forceps
28 cm / 11"
Adjustable Locking
For Screws and Rods



30-688-23
Distracting Forceps
23 cm / 9"
Long Ratchet / Spiral Spring
For Screws and Rods



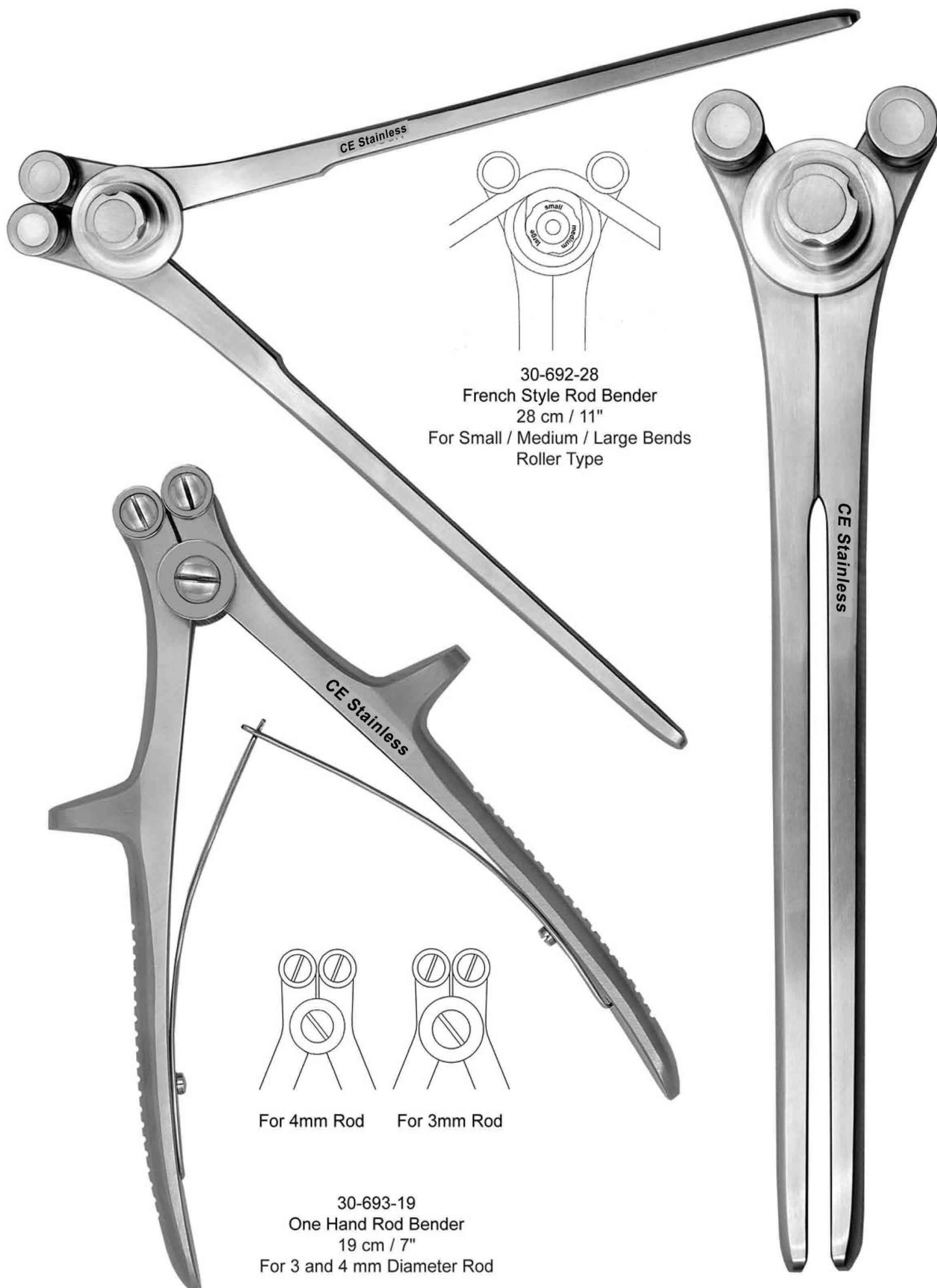
30-689-25
Distracting Forceps
25.5 cm / 10"
Leaf Spring
For Screws and Rods



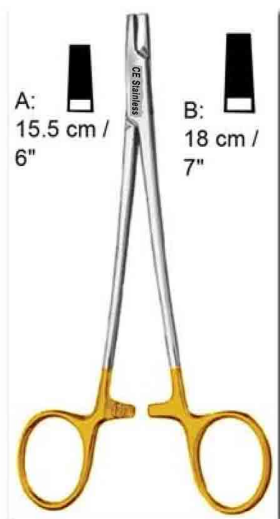
30-690-28
Compression Forceps
28 cm / 11"
Leaf Spring / Long Ratchet
For Screws and Rods



30-691-25
Distractor
25.5 cm / 10"
Leaf Spring
For Screws and Rods



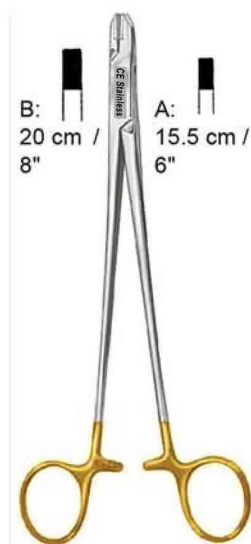
CARBIDE INSERTED WIRE TWISTERS



694-15-TC A / B
Wire Twisting
Forceps



695-15-TC A / B
Wire Twisting
Forceps



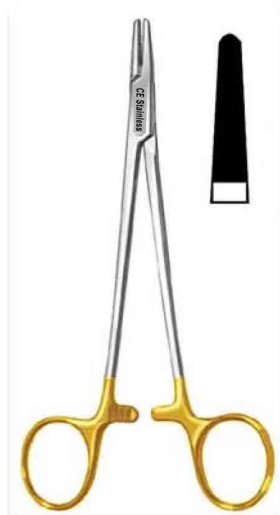
696-15-TC A / B
Wire Twisting
Forceps



697-18-TC Corwin
Combi-Wire Twisting
Forceps
18.5 cm / 7 1/4"



698-15-TC
Wire Twisting Forceps
15.5 cm / 6"



699-16-TC
Wire Twisting Forceps
16 cm / 6 1/4"



700-19-TC Wire Twisting
Forceps Heavy Pattern
19 cm / 7 1/2"

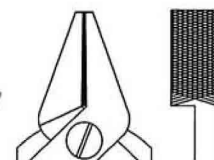
The Corwin-Hegar automatic Wire Twister is a special automatic twisting Instrument. In combination with a cerclage wire it can be used for fixation of fractures or temporal fixation. The Automatic Wire Twisters are available in different lengths and with various tungsten carbide inserts.



701-15-TC Corwin-Hegar
Auto Wire Twisting Forceps
15 cm / 6"



702-28-TC
Jet Wire Twisting Device
28 cm / 11" - 10mm Tip



CARBIDE INSTERTED SURGICAL SCISSORS

Scissors in this Section can also be Manufactured without Carbide Tips / Gold Plating

703-00-TC
Mayo
Scissors TC Gold
A: 14.5 cm / 5 3/4" Str or Cvd
B: 17 cm / 6 3/4" Str or Cvd
C: 23 cm / 9" Str or Cvd

Blunt / Blunt



Sharp / Sharp
Cvd or Str

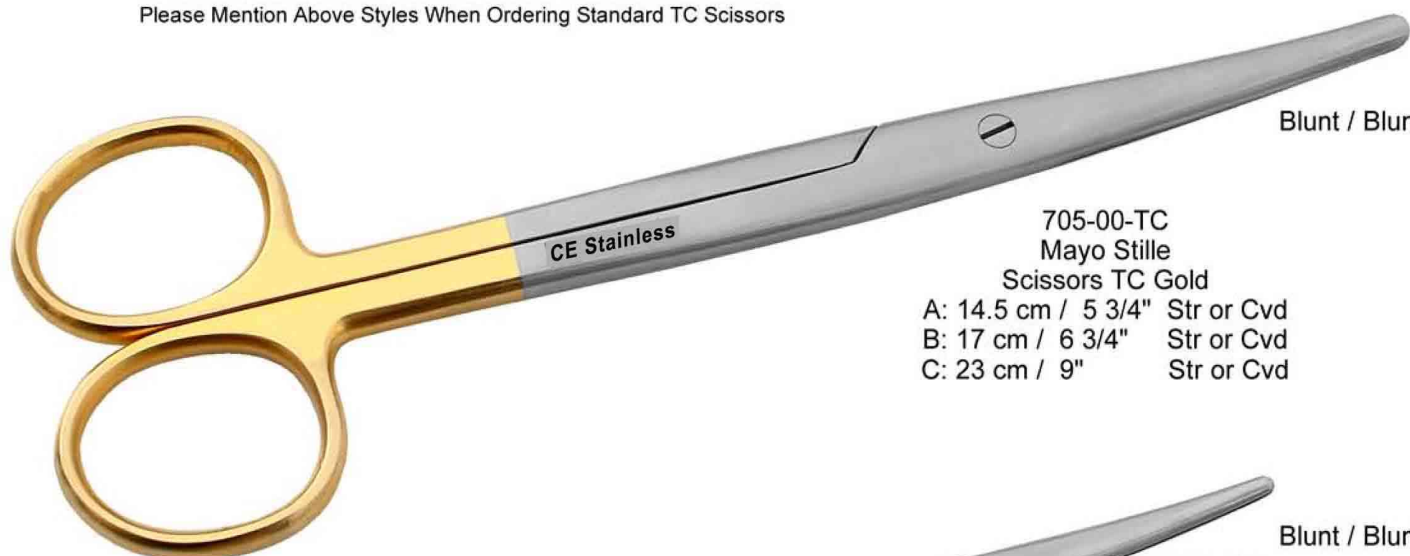
Blunt / Blunt
Cvd or Str

Sharp / Blunt
Cvd or Str

Please Mention Above Styles When Ordering Standard TC Scissors

704-00-TC
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

705-00-TC
Mayo Stille
Scissors TC Gold
A: 14.5 cm / 5 3/4" Str or Cvd
B: 17 cm / 6 3/4" Str or Cvd
C: 23 cm / 9" Str or Cvd



Blunt / Blunt

706-00-TC
Metzenbaum
Scissors TC Gold
A: 14 cm / 5 1/2" Str or Cvd
B: 17 cm / 6 3/4" Str or Cvd
C: 20 cm / 8" Str or Cvd
D: 23 cm / 9" Str or Cvd

Blunt / Blunt



708-12-TC
Ortho Universal Scissors TC Gold
12 cm / 4 1/3"



707-00-TC
Mayo-Harrington
Scissors TC Gold
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

709-16-TC
Mayo-Nobel
Scissors TC Gold
A: 16.5 cm / 6 1/2" Str or Cvd



CARBIDE INSERTED WIRE & PIN CUTTERS

710-00-TC

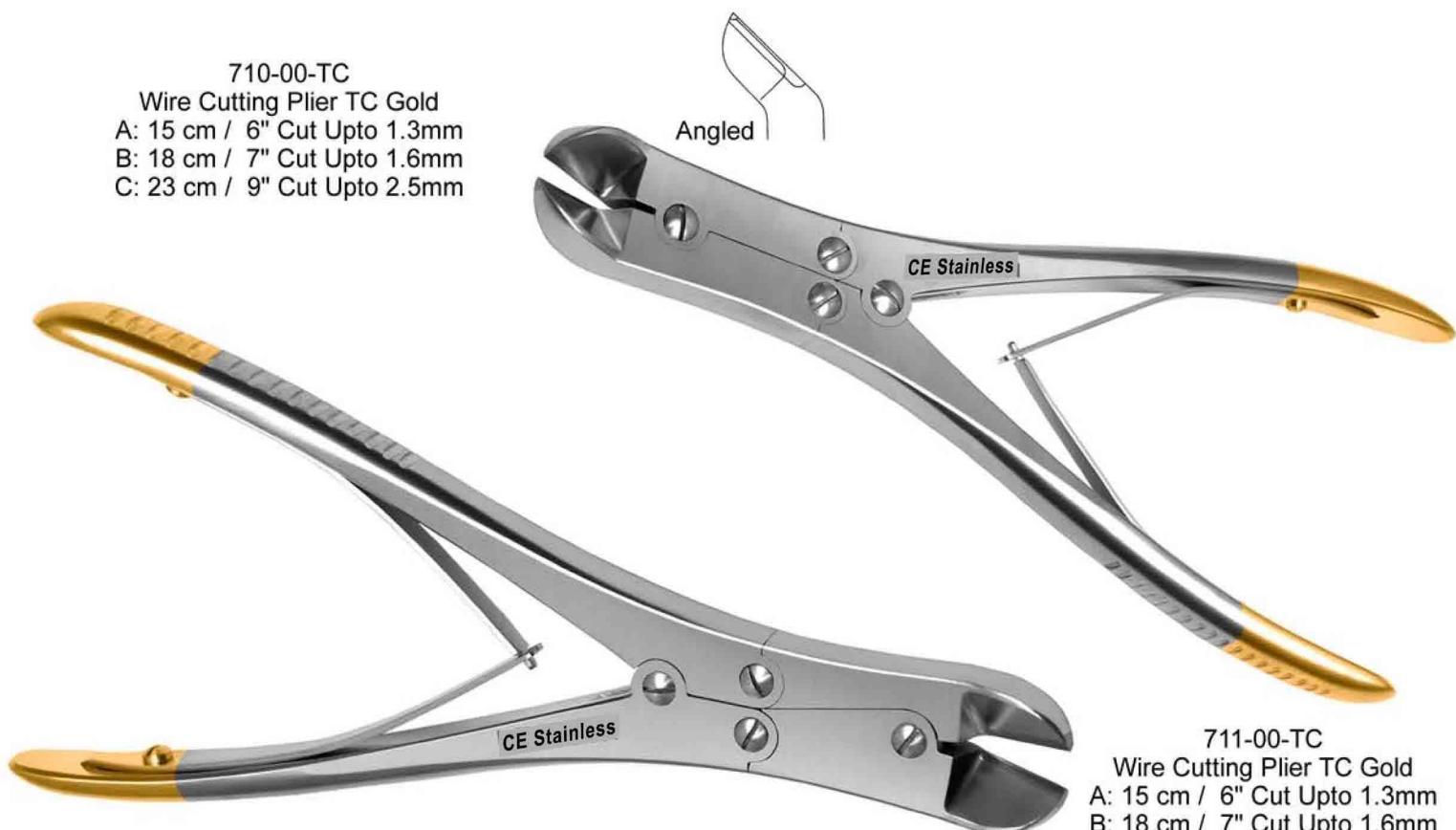
Wire Cutting Plier TC Gold

A: 15 cm / 6" Cut Upto 1.3mm

B: 18 cm / 7" Cut Upto 1.6mm

C: 23 cm / 9" Cut Upto 2.5mm

Angled



711-00-TC

Wire Cutting Plier TC Gold

A: 15 cm / 6" Cut Upto 1.3mm

B: 18 cm / 7" Cut Upto 1.6mm



712-23-TC

Wire Cutting Plier TC Gold

23 cm / 9" Cut Upto 2.5mm



713-18-TC

Wire Cutting Plier TC Gold

18 cm / 7" Cut Upto 1.6mm

CARBIDE INSTERTED WIRE & PIN CUTTERS

714-18-TC
Cannulated Pin Cutter TC Gold
18 cm / 7" Cut Upto 1.5mm



715-15-TC
Front End
Wire Cutting Plier
TC Gold
15 cm / 6"
Cut Upto 1.3mm



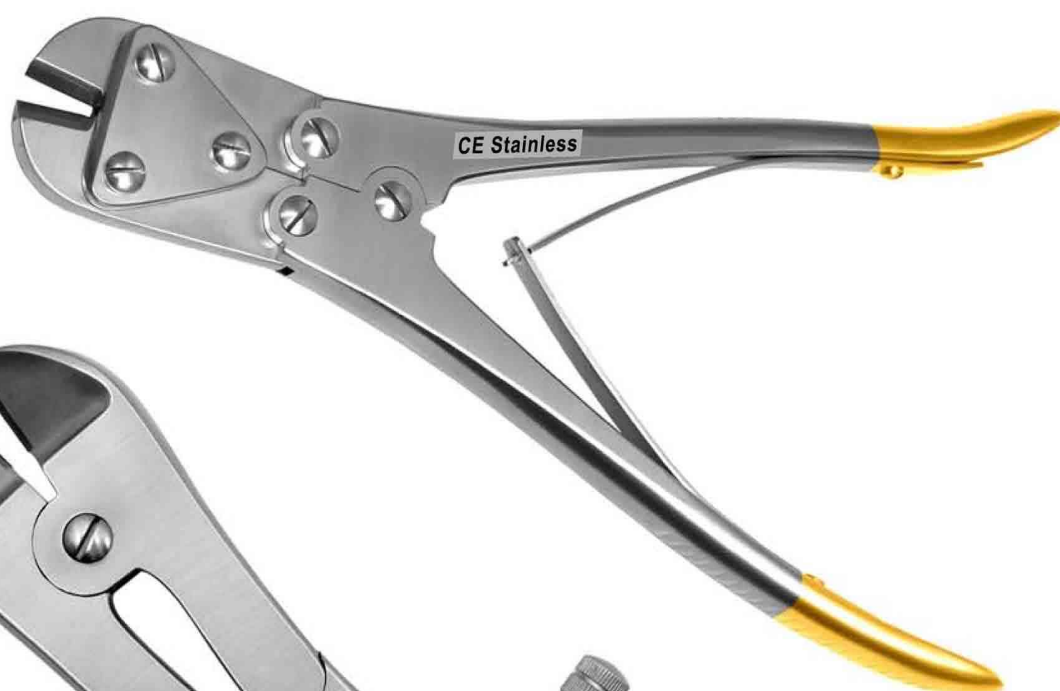
716-23-TC
Front End
Wire Cutting Plier
TC Gold
23 cm / 9"
Cut Upto 2.5mm



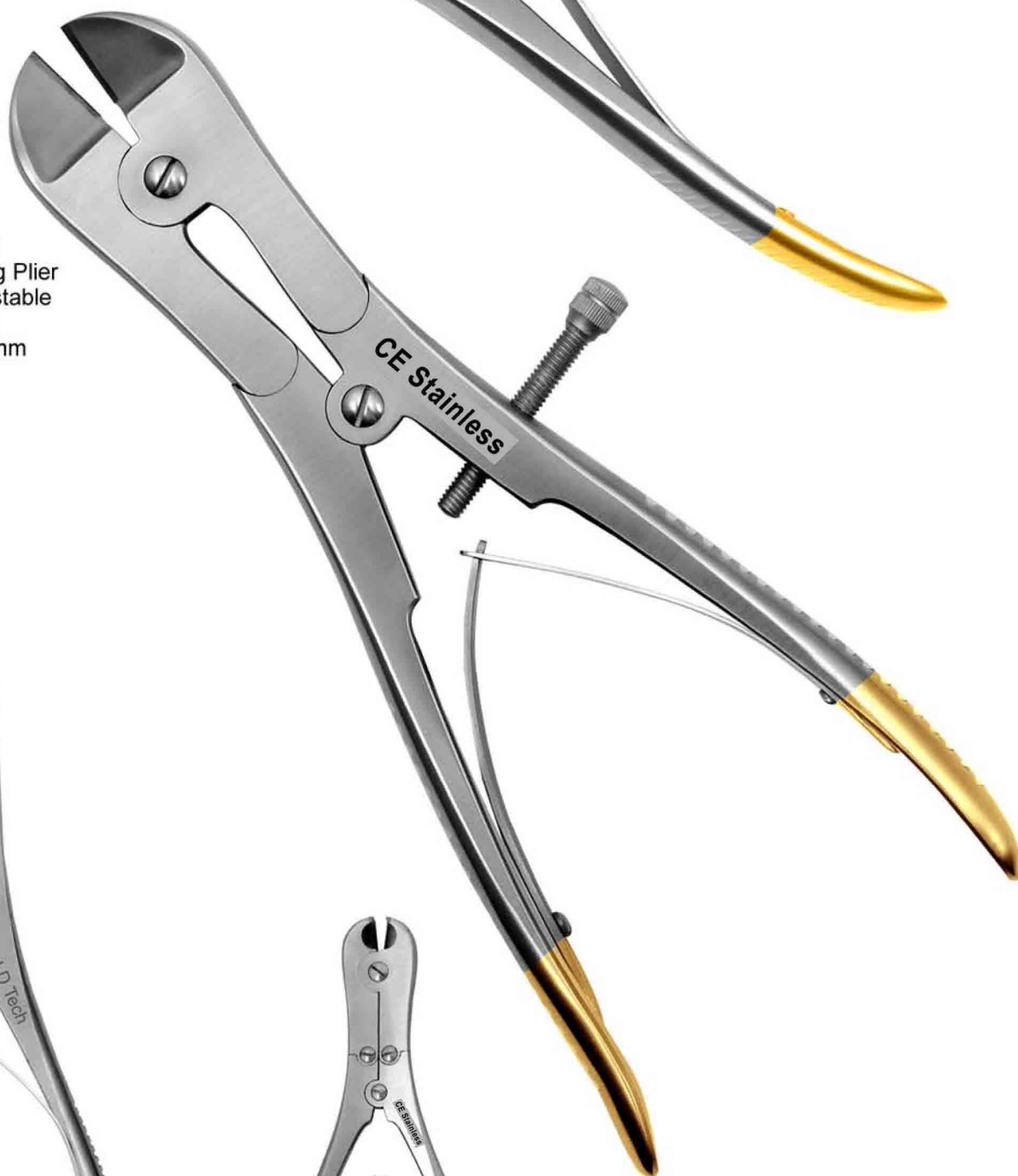
717-23-TC
Front End
Wire Cutting Plier
TC Gold
23 cm / 9"
Cut Upto 2.5mm

CARBIDE INSERTED PIN & PLATE CUTTERS

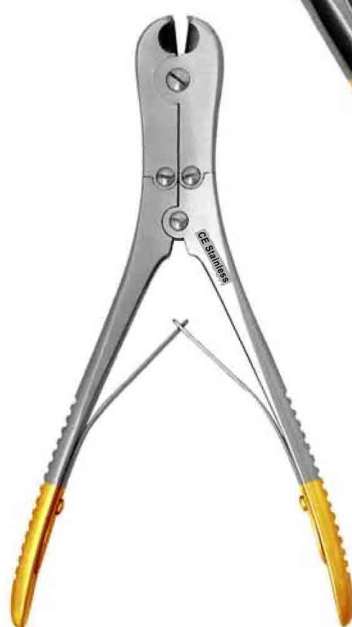
718-23-TC
Plate / Pin Cutting Plier
TC Gold
23 cm / 9"
Cut Upto 3.0mm



719-23-TC
Pin / Wire Cutting Plier
TC Gold / Adjustable
23 cm / 9"
Cut Upto 2.5mm



720-23-TC
Pin / Wire Cutting Plier
TC Gold
23 cm / 9"
Cut Upto 2.5mm



721-18-TC
Front / Side
Wire Cutting Plier
TC Gold
18 cm / 7"
Cut Upto 1.6mm



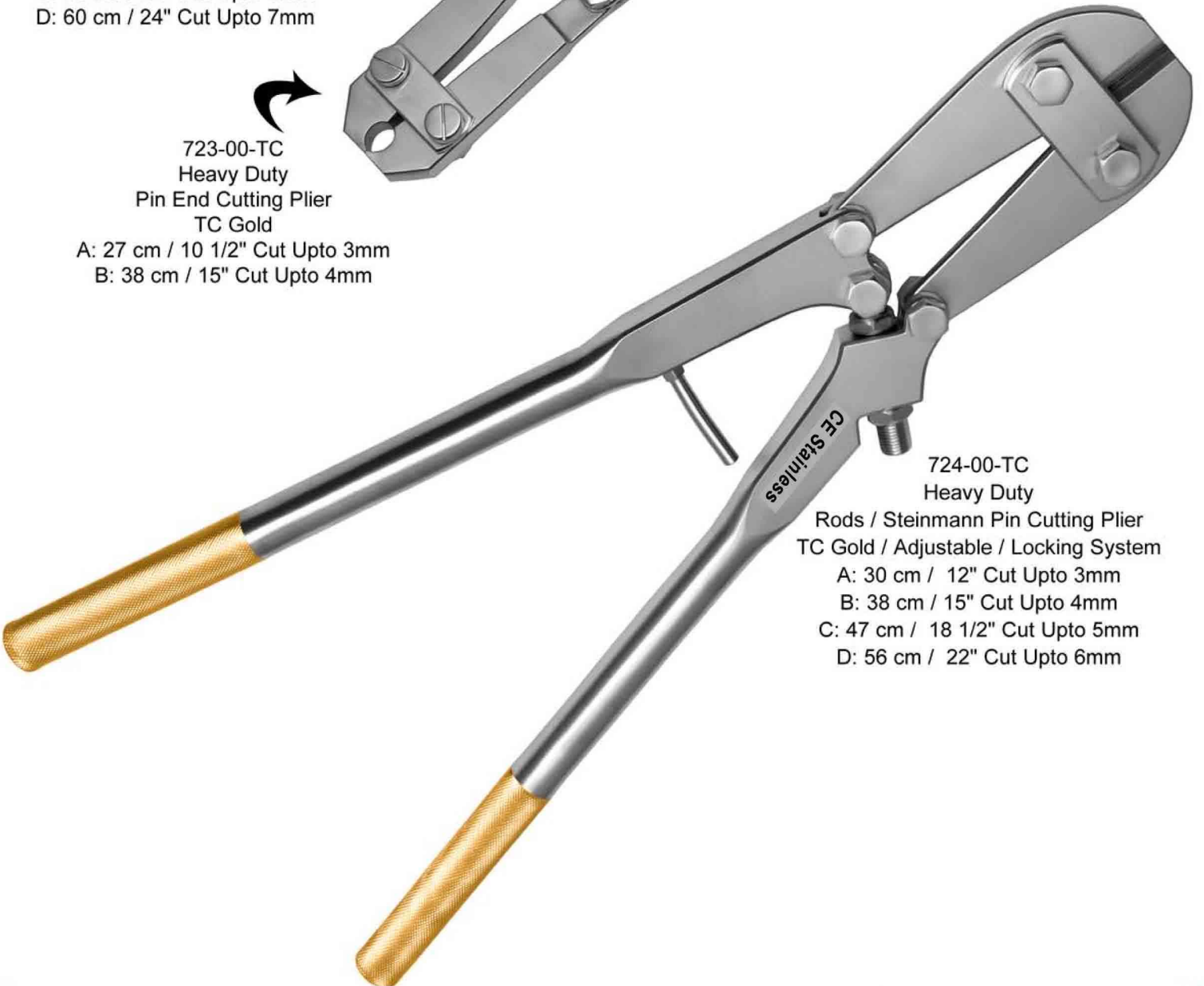
722-00-TC
Heavy Duty
Pin Cutting Plier
TC Gold

- A: 30 cm / 12" Cut Upto 3mm
- B: 47 cm / 18 1/2" Cut Upto 5mm
- C: 56 cm / 22" Cut Upto 6mm
- D: 60 cm / 24" Cut Upto 7mm



723-00-TC
Heavy Duty
Pin End Cutting Plier
TC Gold

- A: 27 cm / 10 1/2" Cut Upto 3mm
- B: 38 cm / 15" Cut Upto 4mm



724-00-TC
Heavy Duty
Rods / Steinmann Pin Cutting Plier
TC Gold / Adjustable / Locking System

- A: 30 cm / 12" Cut Upto 3mm
- B: 38 cm / 15" Cut Upto 4mm
- C: 47 cm / 18 1/2" Cut Upto 5mm
- D: 56 cm / 22" Cut Upto 6mm

INSTRUMENTS FOR TRUAMATOLOGY

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

Item	Diameter	Total length	Usable length
310.110 ¹	1.1mm	060mm	035mm
310.150 ¹	1.5mm	085mm	060mm
310.160	1.5mm	110mm	085mm
310.190 ¹	2.0mm	100mm	145mm
310.120	2.0mm	125mm	100mm
310.210 ¹	2.7mm	100mm	075mm
310.280	2.7mm	125mm	100mm
310.260 ¹	2.7mm	100mm	075mm
310.280 ¹	2.0mm	125mm	100mm

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

Item	Diameter	Total length	Usable length
310.250 ¹	2.5mm	110mm	085mm
310.230	2.5mm	180mm	155mm
310.350 ¹	3.5mm	100mm	085mm
310.370	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
310.190 ¹	2.0mm	100mm	145mm
310.020	3.2mm	225mm	200mm
310.310 ¹	3.2mm	145mm	120mm
310.290	3.2mm	195mm	170mm
310.440 ¹	4.5mm	145mm	120mm
310.480	4.5mm	195mm	170mm

Drill Bits for Jacobs Type Chuck

Drill Bit for Jacobs chuck

Item	Diameter	Total length	Usable length
310.100	1.1mm	45mm	30mm
310.140	1.5mm	70mm	55mm
310.200	2.0mm	85mm	70mm
310.240	2.5mm	095mm	080mm
310.270	2.7mm	85mm	70mm
310.320	3.2mm	130mm	115mm
310.300	3.2mm	180mm	165mm
310.360	3.5mm	095mm	080mm
310.380	3.5mm	180mm	165mm
310.450	4.5mm	130mm	115mm
310.490	4.5mm	180mm	165mm



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

Item	Thread length	Total length
311.190 ¹	24mm	053mm
311.210	38mm	100mm

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

Item	Thread length	Total length
311.260 ¹	33mm	100mm
311.280	40mm	150mm

311.280¹

Tap for 2.7mm Cortex Screws
total length 125mm, thread length 40mm
predrilling: 2.0mm dia.

Predrilling: 3.2mm

Item	Length	Type
311.460 ²	125mm	thread length 70mm
311.470	175mm	with length markings

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

Item	Total length	Type
311.310	175mm	with length markings
311.320 ¹	110mm	thread length 50mm

311.320

Tap for 3.5mm Cortex Screws
total length 110mm, thread length 50mm
predrilling: 2.5mm dia.

311.460¹

Tap for 4.5mm Cortex Screws
total length 125mm, thread length 70mm
predrilling: 3.2mm dia.



310.880¹
Countersink Shaft 1.5/2.0
length 52mm, for mini quick coupling



332.050
Router, for Jacobs chuck
length 90mm



332.060¹
Router, for quick coupling
length 90mm



310.990²
Countersink, large
length 180mm, for 4.5mm cortex screws



310.890¹
Countersink Shaft 3.5mm
length 72mm, for quick coupling,
to countersink the screw head



310.790
Countersink, cannulated, for 7.0mm Cannulated Screws
length 230mm



310.950¹
Handle with mini quick coupling



392.040
Hand Chuck for Kirschner Wires
length 145mm, Spannbereich 0.6 to 1.6mm dia.



311.430¹
Handle with quick coupling
length 110mm
for countersinks and
instruments for the removal of damaged screws



311.440¹
T-Handle with quick coupling
length 80mm, for taps



311.011
Handle, small, with mini quick coupling



311.012
Handle, medium, with mini quick coupling



311.013
Handle, large, with mini quick coupling



314.140
Allen Key, hexagonal, angled
for 4.5 to 7.0mm screws



314.160
Allen Key, hexagonal, small, angled
length 65mm, for 2.7 to 4.0mm screws



314.030²
Screwdriver Shaft, hexagonal, small
length 100mm, for quick coupling
For 2.7 to 4.0mm screws.



314.320¹
Screwdriver Shaft, hexagonal, with Holding Sleeve
for 1.5 and 2.0mm stainless steel screws
with hexagonal socket,



314.130
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.



314.170
Screwdriver with Universal Joint, large
length 290mm



314.300
Screwdriver, hexagonal, with Holding Sleeve,
length 165mm for 1.5 and 2.0mm stainless
steel screws with hexagonal socket



314.060
Holding Sleeve



314.150¹
Screwdriver Shaft, Hexagonal, large
length 100mm,
Final tightening of the screw has to
be done by hand.



314.670²
Screwdriver Shaft, cruciform, 1.5/2.0, with Holding Sleeve
length 50mm, for 1.5 and 2.0mm



314.070¹
Screwdriver, hexagonal, small with groove
length 200mm, for 2.7 to 4.0mm screws



314.270¹
Screwdriver, hexagonal, large, with groove
length 240mm



314.020²
Screwdriver, hexagonal, small, with Holding Sleeve
length 200mm



313.980
Holding Sleeve for Mini Screws
single

INSTRUMENTS FOR TRUAMATOLOGY



312.300¹
Insert Drill Sleeve 3.5/2.5
length 42mm, drill bit 2.5mm dia.



312.480¹
Insert Drill Sleeve 4.5/3.2
length 80mm
for long lag screws



319.310¹
Trocar 2.0mm dia.
Length 118mm, for percutaneous insertion of 7.0mm cannulated screws



319.320¹
Drill Sleeve 4.5/2.0
length 109mm, for percutaneous insertion of 7.0mm cannulated screws



319.330¹
Drill Sleeve 8.0/4.5
length 100mm, for percutaneous insertion of 7.0mm cannulated screws



322.260¹
Handle for Drill Guides
single



397.300¹
Drill Sleeve 3.0 with point
length 55mm



322.260
Handle for Drill Guides
for nos. 397.150 to 170. single



Item	For diameter
397.150	1.5mm
397.160	2.0/2.7mm



397.170
Drill Sleeve 2.7



312.140¹
Double Drill Sleeve 1.5/1.01
for 1.5mm cortex screws
drill bits, 1.5 and 1.1mm dia



312.220¹
Double Drill Sleeve 2.0/1.5
for 2.0mm cortex screws



312.240¹
Double Drill Sleeve 2.7/2.0
for 2.7mm cortex screws



312.280¹
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.,



312.460¹
Double Drill Sleeve 4.5/3.2
for 4.5mm cortex screws
drill bits: 4.5 and 3.2mm dia



312.670¹
Double Drill Sleeve 6.5/3.2
for 6.5mm cancellous bone screws
drill bit: 3.2mm dia.



323.260
Universal Drill Sleeve 2.7
Drill bits 2.0 and 2.7mm dia.,
Suitable for LC-DCP and round hole plates.



323.360
Universal Drill Guide 3.5
Drill bit 2.5 and 3.5mm dia., And tissue protection for
taps nos. 311.310/320/340, Suitable for LC-DCP and
round hole plates.



323.460¹
Universal Drill Guide 4.5/3.2
Drill bits 3.2 and 4.5mm dia.



322.150
DCP Drill Guide 2.0
for neutral and load position
drill bit 1.5mm dia.



322.210
DCP Drill Guide 2.7
for neutral and load position
drill bit 2.0mm dia.



322.320¹
DCP Drill Guide 3.5
for neutral an load position, drill bit 2.5mm dia.



322.440¹
DCP Drill Guide 4.5
for neutral and load position, drill bit 3.2mm dia.



323.350¹
LC-DCP Drill Guide 3.5
for neutral an load position, drill bit 2.5mm dia.



323.450¹
LC-DCP Drill Guide 4.5
for neutral and load position, drill bit 3.2mm dia.



322.430¹
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.



312.200¹
Triple Drill Sleeve 2.0
with 3 holes, opposite side 1 hole



322.240¹
DCP Mandible Drill Guide 2.7 short
drill bit 2.0mm dia



322.250¹
DCP Mandible Drill Guide 2.7 long
drill bit 2.0mm dia



312.330
Insert Drill Sleeve wit stop, for 4.5mm screws
adjustable length to limit drilling depth,
external dia. 4.5mm for drill bits of 3.2mm dia.



319.300¹
Parallel drill Guide 4.5
for percutaneous insertion of 7.0mm cannulated screws



312.710¹
Parallel Wire Guide 2.0mm dia.



319.010¹
Depth Gauge for 2.7 to 4.0m screws
measuring range up to 60mm



319.010¹
Depth Gauge for 2.7 to 4.0mm screws
measuring range up to 60mm



319.100¹
Depth Gauge for 4.5mm to 6.5mm screws
measuring range up to 110mm



Bending Iron for plates 2.7 and 3.5
Length 150mm, slid widths 2.5 and 4.5mm, required paris
Item Slid placement
329.040¹ 4.5/2.5mm
329.050¹ 2.5/4.5mm



Bending Iron for plates 1.5 and 2.0
Length 130mm Slid width 2.5mm
Item Length Slid width
329.010¹ 130mm 2.5mm



332.010¹
Triple Drill Guide
130° angle, for 130° angled blade plates and
for condylar plates,
drill bit 4.5mm dia.



312.850
Drill Guide with stop 3.5/2.7
to limit drilling depth



319.340¹
Protection Sleeve 11.0/8.0
for percutaneous insertion of 7.0mm cannulated screws



314.090¹
Holding Sleeve
length 80mm, for 2.7 to 4.0mm screws



314.080
Holding Sleeve for
lengt 80mm for 2.7mm screws and
3.5mm cannulated screws



314.280¹
Holding Sleeve, large, length 120mm
for Nos. 314.190/240/260/270/275



319.970¹
Screw Forceps, self-holding
length 85mm, to take screws out of the screw racks



312.470
Drill Sleeve, pointed



329.020
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



392.000¹
Bending Iron for Kirschner Wires
length 120mm, for 1.25 to 2.5mm dia.



392.020
Bending Iron for Kirschner Wires
length 115mm, for 0.8 to 1.25mm dia.



329.080
Bending Iron for Reconstruction Plates 3.5 and 4.5
length 190mm, required in paris



397.110
Handle with Sleeve
with rotating drill guide and anchoring point



397.120
Trocator Point, large, for number 397.110
for nos. 387.000/397.110



397.130
Cheek Retractor Ring, for number 397.110
for nos. 387.000/397.110



321.160¹
Combination Wrench 11mm
length 140mm



321.170¹
Pin Wrench
length 120mm, 4.5mm dia.
For tension device, distractor and knurled
nut of insertion handle for intramedullary nail



321.150¹
Socket Wrench 11mm
length 200mm



332.200¹
Slotted Hammer
length 270mm



332.160¹
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.



332.350
Insertor/Extractor
length 175mm, for infant hip plate and mini hip plate.



329.290
Bending Pliers for Reconstruction Plates 2.7 and 3.5
length 240mm



329.150¹
Bending Pliers for plate 2.4 to 4.0
length 230mm



329.240
Bending Pliers for plates



329.250
Anvil, narrow



329.260
Anvil, large



329.300
Bending Press
length 400mm



391.950¹
Cutter for thin plates 1.5 to 2.7
length 256mm



329.270¹
Bending Pliers
for reconstruction plates 2.7,
length 270mm, required in paris



391.230¹
Cerclage Wire Tightener
length 260mm
for twisting, for temporary fixation during reduction



321.120¹
Tension Device, articulated
Span 20mm, can also be used as a distractor.
Colour scale: yellow up to 500N, green up to 1000N,
red above 1000N.



332.090¹
Chisel Guide
with adjustable angle



399.010
Forceps with Sliding Blades
complete with two interchangeable blades
length 155mm, weight 42 g, speed lock



399.020
Blade with foot
single



399.030
Blade with tip
single



319.020
Measuring Device
for drill bits, screws, Kirschner wires, and Steinmann pins



319.440¹
Holding Clip



391.100²
Wire Passer
45mm bending diameter



391.130¹
Wire Passer
70mm bending diameter



391.210²
Wire Tightener
length 240mm, with handle and two pegs

INSTRUMENTS FOR TRUAMATOLOGY



Cercage Wire with eye			Cercage Wires without eye		
Packs of 10 Wires	Diameter	Length	In precut lengths	Diameter	Length
Item			Item		
291.080	0.80mm	280mm	291.220	0.40mm	150mm
291.010 ⁱ	1.00mm	280mm	291.240	0.60mm	175mm
291.020 ⁱ	1.25mm	280mm	291.260	0.80mm	200mm
291.030	1.00mm	600mm	291.270	1.00mm	250mm
291.040	1.25mm	600mm	291.280	1.25mm	300mm
291.110	1.50mm	280mm			
291.120	1.50mm	600mm			

Diameter Ø

- A: 0.2 mm
- B: 0.3 mm
- C: 0.4 mm
- D: 0.5 mm
- E: 0.6 mm
- F: 0.7 mm
- G: 0.8 mm
- H: 0.9 mm
- I: 1.0 mm
- J: 1.2 mm
- K: 1.5 mm



25-100-00
Bone Wire Soft
Coil of 10 Meters
Implantable Material

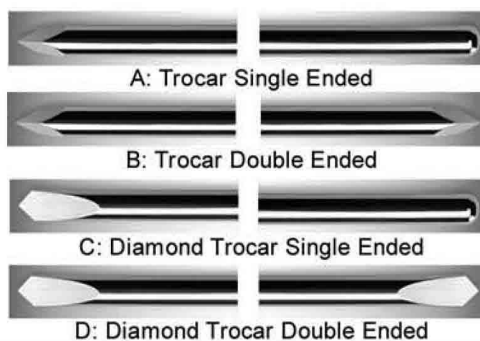
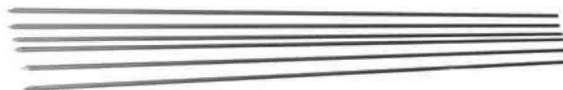
Shanz Screws Implantable Material



2 x 60 x 15 mm	5 x 150 x 30 mm
3 x 60 x 15 mm	5 x 160 x 40 mm
3 x 80 x 15 mm	5 x 180 x 40 mm
3 x 80 x 20 mm	5 x 200 x 40 mm
3 x 100 x 15 mm	5 x 220 x 40 mm
3 x 120 x 15 mm	6 x 120 x 40 mm
4 x 80 x 20 mm	6 x 140 x 40 mm
4 x 100 x 20 mm	6 x 150 x 40 mm
4 x 120 x 20 mm	6 x 160 x 40 mm
4 x 140 x 20 mm	6 x 180 x 40 mm
5 x 120 x 30 mm	6 x 200 x 40 mm
5 x 140 x 30 mm	6 x 220 x 40 mm

Kirschner Wire Implantable Material

Packs of 10 units			
St. steel	Diameter	Length	Titanium Alloy
292.060	0.60mm	070mm	492.060
292.080	0.80mm	070mm	492.080
292.090	0.80mm	150mm	492.090
292.100 ⁱ	1.00mm	150mm	492.100
292.110	1.00mm	280mm	492.110
292.120 ⁱ	1.25mm	150mm	492.120
292.130	1.25mm	280mm	492.130
292.140	1.40mm	150mm	492.140
292.150	1.40mm	280mm	492.150
292.160 ⁱ	1.60mm	150mm	492.160
292.170	1.80mm	150mm	492.170
292.180	1.60mm	280mm	492.180



Kirschner Wire Implantable Material

Packs of 10 units	St. steel	Diameter	Length	Titanium Alloy
292.190	1.80mm	280mm	492.190	
292.200 ⁱ	2.00mm	150mm	492.200	
292.210	2.00mm	280mm	492.210	
292.230	2.00mm	400mm	492.230	
292.250 ⁱ	2.50mm	150mm	492.250	
292.260	2.50mm	280mm	492.260	
292.280	2.50mm	400mm	492.280	
292.300 ⁱ	3.00mm	150mm	492.300	
292.310	3.00mm	280mm	492.310	
292.330	3.00mm	400mm	492.330	