



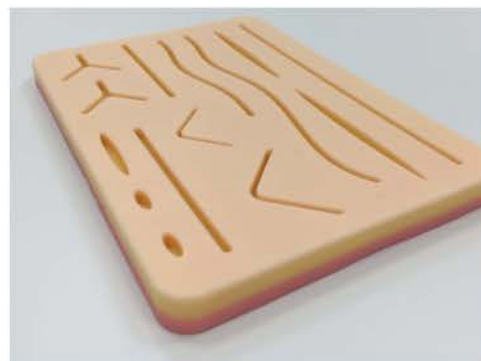
ST14-241-00

ST14-233-01
Ultra Suture practice pad
27 wounds
3 Layers
with and without mesh
Size: 7 1/2" X 5 1/2"
Weight: 200 Grams

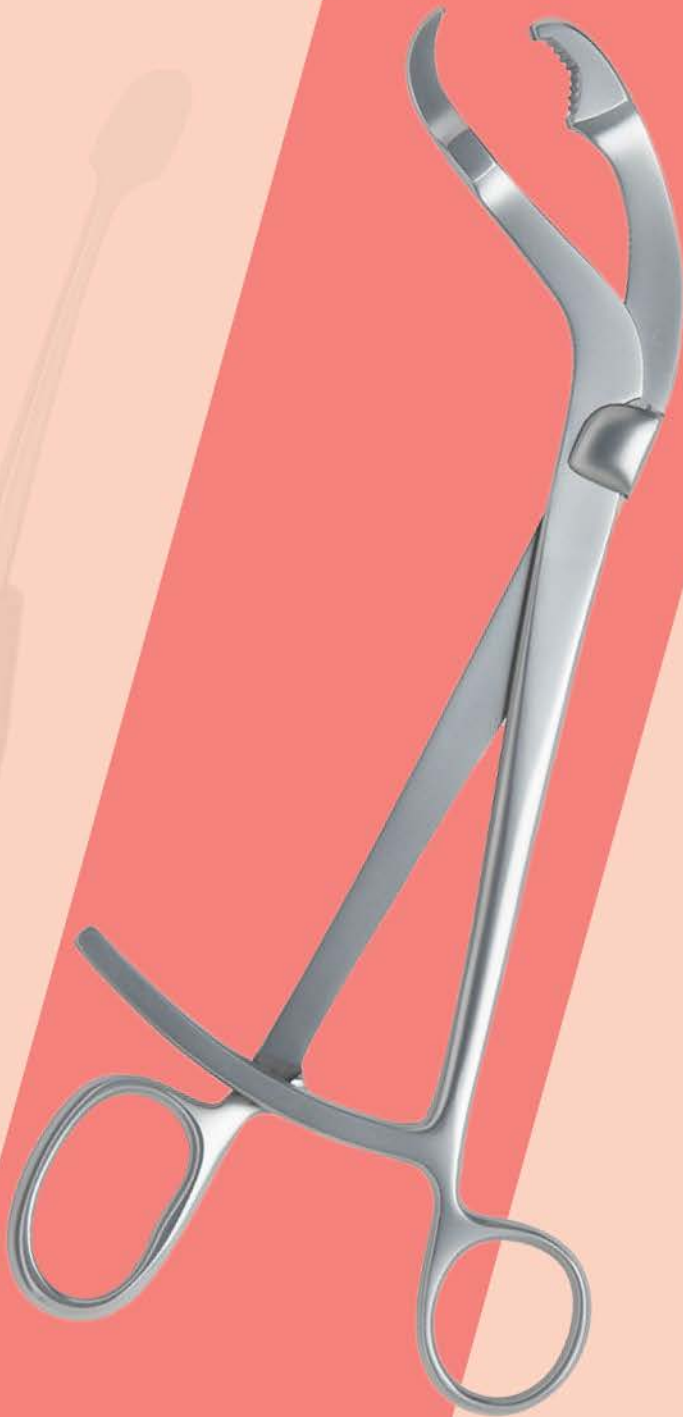
ST14-231-01
"Suture practice pad with
plastic bottom case"



ST14-235-01
Neurosuture practice pad
20 wounds
3 Layers
with mesh
Size: 7" X 5"
Weight: 180 Grams



ST14-237-01
Regular Suture Practice Pad
14 Wounds
3 Layers
with Mesh
Size: 7" X 5"
Weight: 180 Grams



**BONE SURGERY
INSTRUMENTS
BONE DRILL AND
PLATE INSTRUMENTS**



Charriere Bone Saw
ST15-001-18 18cm
ST15-001-20 20cm
ST15-001-24 24cm



**Charriere Saw
Blade Only**
ST15-002-18 18cm
ST15-002-20 20cm
ST15-002-24 24cm



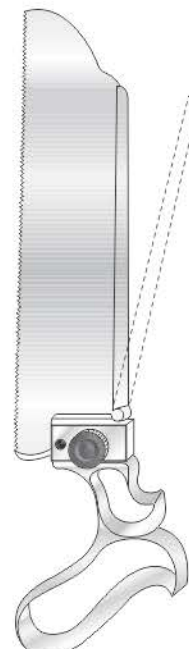
**Satterlee Amputation
& Resection Saw**
ST15-003-31 31 cm



Satterlee Saw
ST15-004-30 30cm
Length of Blade 21.5cm



**Satterlee Saw
Blade Only**
ST15-005-21 21.5cm
ST15-005-23 23cm
ST15-005-25 25cm
Length Blade



Satterlee Saw Hinged Back
ST15-006-23 23cm blade length
ST15-006-25 25cm blade length



Charriere Saw
ST15-007-28 28 cm
Spine Saw Double blade
with guide handle
Length of blades 16cm



Charriere Saw
ST15-008-35 35cm
Spare saw blades
ST15-008-01 12mm wide
ST15-008-02 18mm wide



**Charriere Bone Saw
Complete**
ST15-009-35 35.5cm



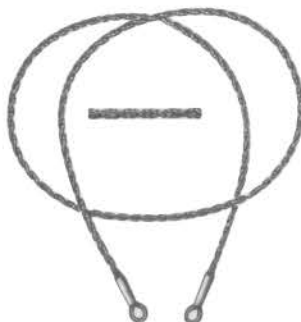
Helferich-Bier Saw
ST15-010-39 39cm
Spare saw blades
ST15-010-01 3mm wide
ST15-010-02 5mm wide
ST15-010-03 7mm wide
length of blade 27cm

sierra para amputacion y reseccion
seghe per amputazione

amputations-und resektiosagen
Scies a amputation et resection



Percy Amputation Shield
ST15-015-30 30.5cm
Handles Detachable



GIGLI
ST15-018-30 30cm
ST15-018-40 40cm
ST15-018-50 50cm
fine, 6 wires twisted



GIGLI
ST15-019-00
Handle



LEBSCHE
ST15-022-25
Conductor for wire saws, malleable
25cm



Joseph Bone Saw / Rasp
ST15-025-03 19cm



Linderman Amputation Saw
ST15-026-19 19cm



Linderman Amputation Saw
ST15-027-20 20cm



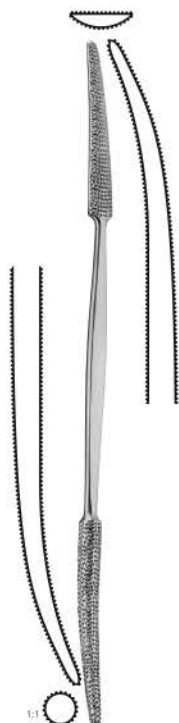
Langenbeck Metacarpal Saw
ST15-028-23 23cm
11.5cm Blade



Patella Bone Saw
ST15-030-00 Includes 1 blade
ST15-030-01 Replacement blade only
Delrin Handle



Putti Bone Rasp
ST15-032-27 27 cm
Double ended, One end curved up
one end curved sideways



Putti Rasp
ST15-033-30 30 cm
Double Ended



Bone File
ST15-035-28 28 cm
semicircular



Bone File
Bayonet Shape
ST15-036-24 24.5 cm
semicircular



Bone File
ST15-038-22 22 cm
flat



Fomon Rasp
ST15-040-01 21.5cm
Double Ended
one Sided straight
one side concave



Fomon Rasp
ST15-040-02 21.5cm
Double Ended
one Sided straight
one side convex



Fomon Rasp
ST15-040-03 21.5cm
Double Ended



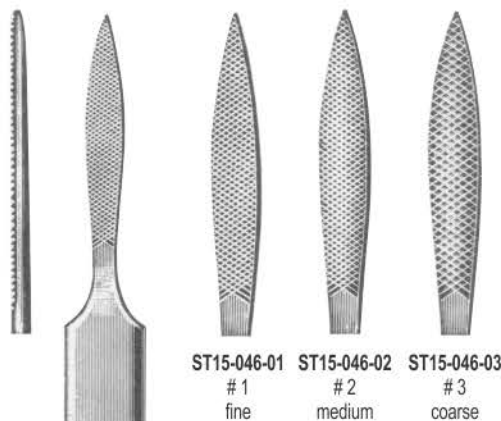
Fomon Rasp
ST15-040-04 21.5cm
Double Ended straight
single Sided
one side concave



Fomon Rasp
ST15-040-05 21.5cm
Double Ended straight
single Sided
one side convex

Escofinas, limas
Raspe, lime

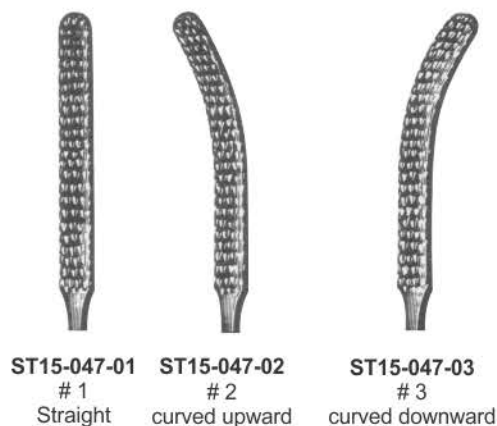
Raspeln, Feilen
Rapes, Limes



**Joseph
Bone and Nasal File**
16cm
wide 8mm



**Gallaher Bone and
Nasal Rasp, Coarse**
18cm



Good Bone File / Rasp
ST15-048-16 16.5cm
Straight



Kistler Ear Cartilage Rasp
ST15-049-01 left
ST15-049-02 right
16.5cm Curved



Micro Rasp
ST15-050-14 14cm
Single ended
double sided



Nail Rasp
ST15-051-17 17cm
Single sided



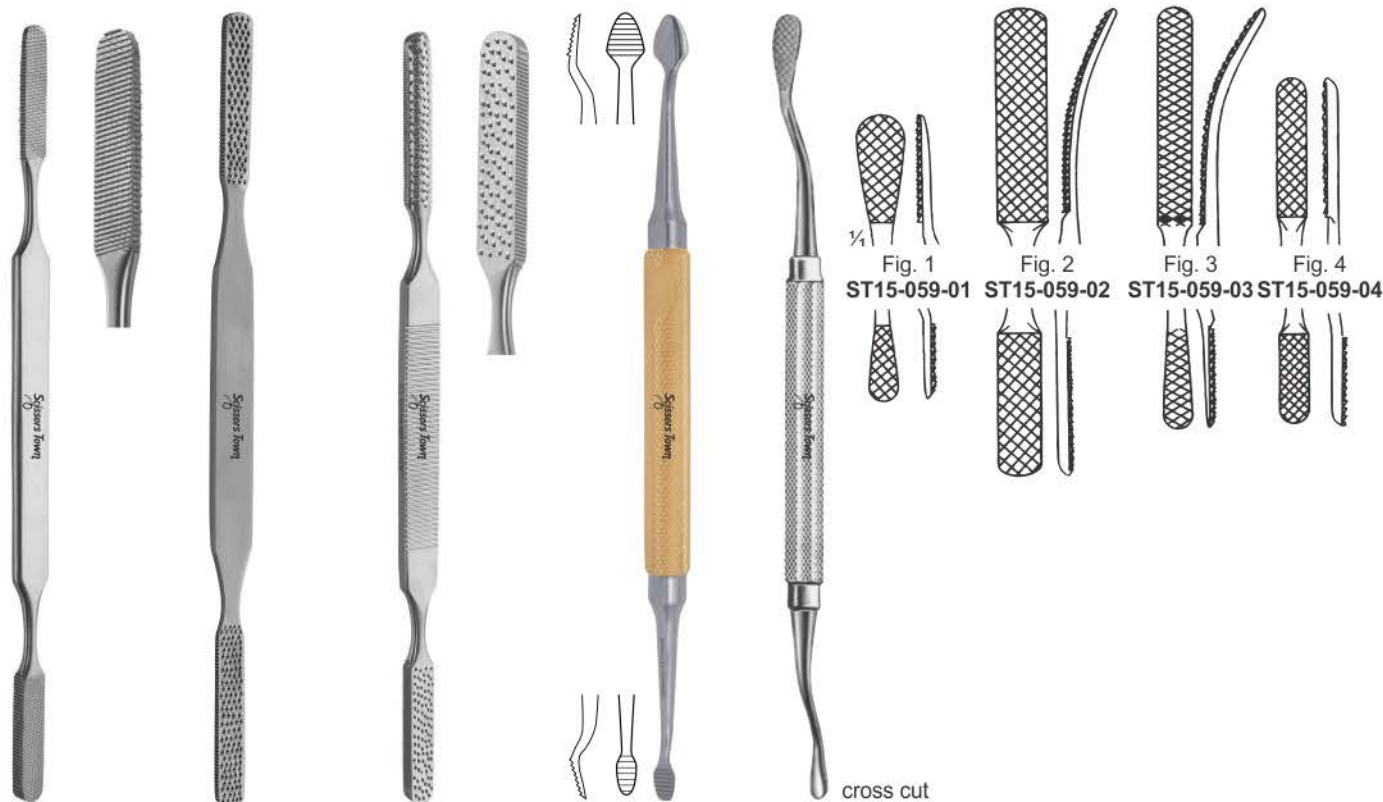
Maltz Rasp
ST15-052-18 18cm
Single-Ended
Single sided



Improved Maltz Rasp
ST15-053-18 18cm
Single-Sided
up & down rasping



Putti Rasp
ST15-054-23 23cm
falt / flat
ST15-054-30 30.5cm
Round / flat



Foman Rasp
ST15-055-21 21.5cm
Double ended, Fine & coarse serrations
4-sided convex and flat blades

Foman Rasp
ST15-056-21 21 cm

Kleinert-Kutz Bone Rasp
ST15-057-22 22.5cm
Double ended, Fine & coarse serrations

Miller Rasp
ST15-058-21 21.5cm
Double Ended straight single Sided

Miller-Colburn Bone File
18 cm



Miller
ST15-060-10
10

Miller
ST15-060-11
11

Miller
ST15-060-12
12

Miller
ST15-060-13
13

Miller
ST15-060-14
14

Miller
ST15-060-21
11 C

Martillos
Martelli

Hammer
Maillets



Doyen Mallets

25cm

ST15-071-25 25mmØ - 120g

ST15-071-30 30mmØ - 180g

ST15-071-35 35mmØ - 260g



Collin Mallets

ST15-072-20 20cm

30mmØ - 220g



Hajek Mallets

ST15-073-22 22cm

27mmØ - 140g



Kirk Mallets

ST15-074-38 20.5cm

38mmØ - 750g

ST15-074-39 20.5cm

38mmØ - 570g



Partsch Mallets

ST15-075-18 18cm

22mmØ - 200g



Lucae Mallets

ST15-076-19 19mmØ - 220g

ST15-076-25 25mmØ - 260g

19cm

Brass Solid



Mallet

ST15-077-25 19cm

25mmØ - 205g

Solid steel, with
plastic faces



Cottle Mallets

ST15-078-30 18.5cm

30mmØ - 240g

1 side flat /
1 side convex

Hammer
Maillets

Martillos
Martelli



Extra Nylon Face
ST15-079-01 2.54cmØ
ST15-079-02 3cmØ
ST15-079-03 3.2cmØ



Nylon Caps
ST15-080-01
2.5cm



Mallet
ST15-081-30 30 cm
head 16 oz.
(454 g) solid stainless



Mead Mallets
ST15-082-26 18cm
26mmØ - 320g
Steel solid, with
Plastic faces

Nylon Head Combination Mallet
ST15-079-25 25.4mmØ - 7.76 oz.
ST15-079-30 30mmØ - 11 oz.
ST15-079-32 32mmØ - 12 oz
19.5cm

Mallet, Lightweight
ST15-080-25 19cm
Stainless Steel and Aluminum
Head diameter 25mm
Weight 7 oz 200 grams
Head Weight: 4 oz 113 grams



Williger Mallets
ST15-085-20 16.5cm
20mmØ - 140g
lead filled



Williger Mallets
ST15-086-20 16.5cm
20mmØ - 140g
Brass Solid



Partsch Mallet
ST15-087-22 19.5cm
Head diameter 22mm
Weight 7 oz 200 grams
Head Weight: 5oz/150 grams
lead filled



Partsch Mallet
ST15-088-19 19cm
Head diameter 26mm
Weight 11 oz 315 grams
Head Weight: 6 oz 170 grams
lead filled



Solid Copper Head Mallet
ST15-089-20 16.5cm
Solid, 20mmØ

Martillos
Martelli

Hammer
Maillets



Gerzog Bone Mallet
ST15-090-25 19cm
Head diameter 25mm
Weight 10 oz (285 grams)
Head Weight: 7 oz (200 grams)



Bergmann Mallets
ST15-091-45 24.5cm
45mmØ - 300g



BERGMANN
ST15-092-30 300g
23cm



Ombredanne Mallets
ST15-093-40 24cm
40mmØ - 550g



Heath Mallets
ST15-094-40 18cm
40mmØ - 700g
ST15-094-45 20cm
45mmØ - 1000g
Lead filled



Orthopedic Mallet
ST15-095-50 28cm
Heavyweight
Solid, Head diameter 50.0mm
Head Weight: 2 lb. (900 grams)



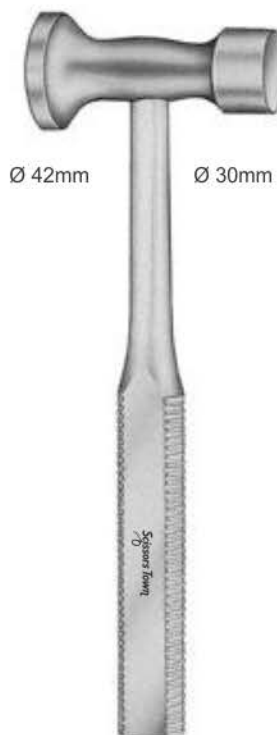
Ortho Mallets
ST15-096-26 26.5 cm
(450g)



Williger Mallets
ST15-097-30 25mmØ - 300g
ST15-097-34 28mmØ - 340g
ST15-097-30 30mmØ - 400g
24cm Lead filled



ST15-098-23 350 g
Head made of
material used for implants
23cm



Mallet
ST15-099-24
24cm 400 g

Hammer
Maillets

Martillos
Martelli



Orthopaedic Mallet
ST15-100-19 19 cm



Mallet
ST15-101-00



Phenolic Handle Mallet
ST15-106-32 32mmØ
Head weight 16 oz (454 grams)
ST15-106-45 45mmØ
Weight 11 oz (312 grams);
Head weight: 2 lbs (907 grams),
28 cm



Reprocussion Free Mallet
ST15-107-30 28cm
30mmØ
Weight 1lb 5 oz (595 grams)
Head weight: 10 oz (283 grams)



Mallet
ST15-108-30 26 cm
Plane (Nylon) convex (steel)
Head 30mm Ø
weight 675 grams.



Nylon Cap
ST15-108-01
For Phenolic
Handle Mallet



Mallet
ST15-109-26 26 cm
Head 42/30mm Ø
weight 530 grams



Mallet
ST15-110-30 26 cm
Plastic Handle
head 30mm Ø
weight 510 grams



Vickers Mallets
ST15-111-25 19 cm
25mmØ - 300g
nylon disks plastic



Reprocussion Free Mallet Cap For
ST15-111-01



Herbert Mallets
ST15-112-25 19 cm
25mmØ - 300g
for ulnar head
prosthesis plastic handle

Martillos
Martelli

Hammer
Maillets



Mallet
ST15-116-18 18 cm
Made of Plastic
Head 30mm Ø
weight 125 grams



Mallet
ST15-117-26 26 cm
Made of Plastic
with lead filling
Head 42mm Ø
weight 250 grams



Mallet
ST15-118-37 22.5 cm
Disks & Plastic Handle
Head 37mm Ø
weight 370 grams

Spare Facing (pair)
ST15-118-01 Plastic



Mallet
ST15-119-30 24 cm
Plastic Handle
Head 30mm Ø
weight 480 grams



Mallet
26 cm
Made of Plastic
with lead filling
ST15-120-42
Head 42 mm Ø
weight 400 grams
ST15-120-43
Head 42 mm Ø
weight 250 grams



Mallet
ST15-121-01



Mallet
ST15-122-01



ST15-123-35 Ø35mm
ST15-123-45 Ø45mm
ST15-123-50 Ø50mm
26cm

(sterilizable in autoclave
up to 143° C by 3 bar)



ST15-124-50
26cm
Ø50mm 400g

(sterilizable in autoclave
up to 143° C by 3 bar)



Steinbach
ST15-125-50
24cm
Ø50mm 400g

Knochenmeißel, Meißel, Osteotome
Ciseaux à os, gouges, ostéotomes

Cinceles óseos, gubias, osteótomos
ScalPELLi per ossa, sgorbie, osteotomi



Chisel
13.5cm

ST15-131-08 8mm
ST15-131-10 10mm
ST15-131-12 12mm
ST15-131-14 14mm
ST15-131-16 16mm



Osteotome
13.5cm

ST15-132-08 8mm
ST15-132-10 10mm
ST15-132-12 12mm
ST15-132-14 14mm
ST15-132-16 16mm



Gouge
13.5cm

ST15-133-08 8mm
ST15-133-10 10mm
ST15-133-12 12mm
ST15-133-14 14mm
ST15-133-16 16mm



Lucas Chisel
16cm

ST15-134-03 3mm
ST15-134-04 4mm
ST15-134-05 5mm
ST15-134-06 6mm



Lucas Gouge
16cm

ST15-135-03 3mm
ST15-135-04 4mm
ST15-135-05 5mm
ST15-135-06 6mm



Alexander Chisel
18cm

ST15-136-04 4mm
ST15-136-06 6mm
ST15-136-08 8mm
ST15-136-10 10mm
ST15-136-12 12mm
ST15-136-14 14mm



Alexander Gouge
18cm

ST15-137-04 4mm
ST15-137-06 6mm
ST15-137-08 8mm
ST15-137-10 10mm
ST15-137-12 12mm
ST15-137-14 14mm



Partsch Chisel
11.5cm

ST15-138-02 2mm
ST15-138-03 3mm
ST15-138-04 4mm
ST15-138-06 6mm
ST15-138-07 7mm
ST15-138-08 8mm

Partsch Chisel
14cm

ST15-139-02 2mm
ST15-139-03 3mm
ST15-139-04 4mm
ST15-139-06 6mm
ST15-139-07 7mm
ST15-139-08 8mm

Partsch Chisel
17.5cm

ST15-140-02 2mm
ST15-140-03 3mm
ST15-140-04 4mm
ST15-140-06 6mm
ST15-140-07 7mm
ST15-140-08 8mm



Partsch Osteotome
11.5cm

ST15-141-02 2mm
ST15-141-03 3mm
ST15-141-04 4mm
ST15-141-06 6mm
ST15-141-07 7mm
ST15-141-08 8mm

Partsch Osteotome
14cm

ST15-142-02 2mm
ST15-142-03 3mm
ST15-142-04 4mm
ST15-142-06 6mm
ST15-142-07 7mm
ST15-142-08 8mm

Partsch Osteotome
17.5cm

ST15-143-02 2mm
ST15-143-03 3mm
ST15-143-04 4mm
ST15-143-06 6mm
ST15-143-07 7mm
ST15-143-08 8mm



Partsch Gouge
11.5cm

ST15-144-02 2mm
ST15-144-03 3mm
ST15-144-04 4mm
ST15-144-06 6mm
ST15-144-07 7mm
ST15-144-08 8mm

Partsch Gouge
14cm

ST15-145-02 2mm
ST15-145-03 3mm
ST15-145-04 4mm
ST15-145-06 6mm
ST15-145-07 7mm
ST15-145-08 8mm

Partsch Gouge
17.5cm

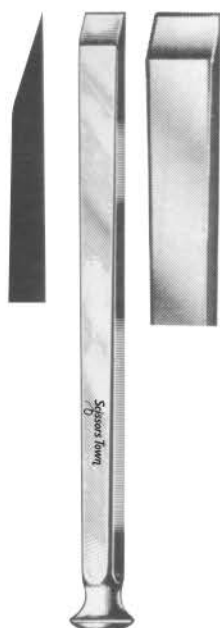
ST15-146-02 2mm
ST15-146-03 3mm
ST15-146-04 4mm
ST15-146-06 6mm
ST15-146-07 7mm
ST15-146-08 8mm

Cinceles óseos, gubias, osteótomos

Knochenmeißel, Meißel, Osteotome

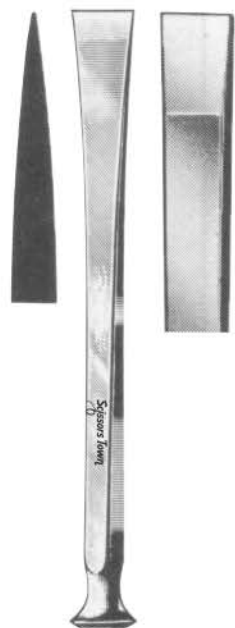
Scalpell per ossa, sgorbie, osteotomi

Ciseaux à os, gouges, ostéotomes



U.S. Army Chisels

ST15-147-06 6mm
ST15-147-12 12mm
ST15-147-18 18mm



U.S. Army Osteotomes

ST15-148-06 6mm
ST15-148-12 12mm
ST15-148-18 18mm



U.S. Army Gouges

ST15-149-06 6mm
ST15-149-12 12mm
ST15-149-18 18mm



Schwartz Chisels

ST15-153-02 2mm
ST15-153-04 4mm
ST15-153-06 6mm
ST15-153-08 8mm
ST15-153-10 10mm



Schwartz Gouges

ST15-154-02 2mm
ST15-154-04 4mm
ST15-154-06 6mm
ST15-154-08 8mm
ST15-154-10 10mm



Trautmann Chisels

ST15-155-02 2mm
ST15-155-04 4mm
ST15-155-06 6mm
ST15-155-08 8mm
ST15-155-10 10mm



Trautmann Gouges

ST15-156-02 2mm
ST15-156-04 4mm
ST15-156-06 6mm
ST15-156-08 8mm
ST15-156-10 10mm



Bishop Chisels

ST15-157-02 2mm
ST15-157-03 3mm
ST15-157-04 4mm
ST15-157-05 5mm
ST15-157-06 6mm
ST15-157-08 8mm



Bishop Gouges

ST15-158-02 2mm
ST15-158-03 3mm
ST15-158-04 4mm
ST15-158-05 5mm
ST15-158-06 6mm



Bishop Chisels

ST15-159-03 3mm
ST15-159-04 4mm
ST15-159-05 5mm



Bishop Gouges

ST15-160-03 3mm
ST15-160-04 4mm
ST15-160-05 5mm

Knochenmeißel, Meißel, Osteotome
Ciseaux à os, gouges, ostéotomes

Cinceles óseos, gubias, osteótomos
Scalpelli per ossa, sgorbie, osteotomi



Stille
20cm



Stille Chisel
ST15-166-10 10mm
ST15-166-15 15mm
ST15-166-20 20mm
ST15-166-25 25mm
Straight



Stille Osteotome
ST15-167-04 4mm
ST15-167-06 6mm
ST15-167-08 8mm
ST15-167-10 10mm
ST15-167-12 12mm
ST15-167-15 15mm
ST15-167-20 20mm
ST15-167-25 25mm
Straight



Stille Osteotome
ST15-168-10 10mm
ST15-168-15 15mm
ST15-168-20 20mm
ST15-168-25 25mm
Curved



Stille Gouge
ST15-169-08 8mm
ST15-169-10 10mm
ST15-169-12 12mm
ST15-169-15 15mm
ST15-169-20 20mm
ST15-169-25 25mm
Straight



Stille Gouge
ST15-170-10 10mm
ST15-170-15 15mm
ST15-170-20 20mm
ST15-170-25 25mm
Curved



Smith-Petersen
20cm



Smith-Petersen Osteotome
ST15-172-06 6mm
ST15-172-09 9mm
ST15-172-13 13mm
ST15-172-16 16mm
ST15-172-19 19mm
ST15-172-25 25mm
ST15-172-30 30mm
Straight



Smith-Petersen Osteotome
ST15-173-06 6mm
ST15-173-09 9mm
ST15-173-13 13mm
ST15-173-16 16mm
ST15-173-19 19mm
ST15-173-25 25mm
ST15-173-30 30mm
Curved



Smith-Petersen Gouge
ST15-174-06 6mm
ST15-174-09 9mm
ST15-174-13 13mm
ST15-174-16 16mm
ST15-174-19 19mm
ST15-174-25 25mm
ST15-174-30 30mm
Straight



Smith-Petersen Gouge
ST15-175-06 6mm
ST15-175-09 9mm
ST15-175-13 13mm
ST15-175-16 16mm
ST15-175-19 19mm
ST15-175-25 25mm
ST15-175-30 30mm
Curved

Cinceles óseos, gubias, osteótomos
ScalPELLi per ossa, sgorbie, osteotomi

Knochenmeißel, Meißel, Osteotome
Ciseaux à os, gouges, ostéotomes



Hibbs
24cm



Hibbs Chisel
ST15-176-06 6mm
ST15-176-13 13mm
ST15-176-19 19mm
ST15-176-25 25mm
ST15-176-32 32mm
Straight



Hibbs Osteotome
ST15-177-06 6mm
ST15-177-13 13mm
ST15-177-19 19mm
ST15-177-25 25mm
ST15-177-32 32mm
Straight



Hibbs Osteotome
ST15-178-06 6mm
ST15-178-13 13mm
ST15-178-19 19mm
ST15-178-25 25mm
ST15-178-32 32mm
Curved



Hibbs Gouge
ST15-179-06 6mm
ST15-179-13 13mm
ST15-179-19 19mm
ST15-179-25 25mm
ST15-179-32 32mm
Straight



Hibbs Gouge
ST15-180-06 6mm
ST15-180-13 13mm
ST15-180-19 19mm
ST15-180-25 25mm
ST15-180-32 32mm
Curved



Hoke Osteotome
17cm
ST15-183-03 3mm
ST15-183-05 5mm
ST15-183-07 7mm
ST15-183-08 8.5mm
ST15-183-10 10mm
ST15-183-12 12mm
Straight



Hoke Osteotome
17cm
ST15-184-03 3mm
ST15-184-05 5mm
ST15-184-07 7mm
ST15-184-08 8.5mm
ST15-184-10 10mm
ST15-184-12 12mm
Curved



**Obwegeser
Blade Osteotome**
ST15-187-07 7mm
21.5cm



**Obwegeser
Blade Osteotome**
ST15-188-10 10mm
21.5cm



Obwegeser Osteotome
ST15-189-11 23.5cm
11mm

Knochenmeißel, Meißel, Osteotome
Ciseaux à os, gouges, ostéotomes

Cinceles óseos, gubias, osteótomos
Scalpelli per ossa, sgorbie, osteotomi



Hibbs Chisel

22.5 cm straight

ST15-191-06	6 mm
ST15-191-09	9 mm
ST15-191-12	12 mm
ST15-191-15	15 mm
ST15-191-18	18 mm
ST15-191-20	20 mm
ST15-191-25	25 mm
ST15-191-30	30 mm
ST15-191-35	35 mm
ST15-191-40	40 mm



22.5 cm curved

ST15-192-06	6 mm
ST15-192-09	9 mm
ST15-192-12	12 mm
ST15-192-15	15 mm
ST15-192-18	18 mm
ST15-192-20	20 mm
ST15-192-25	25 mm
ST15-192-30	30 mm
ST15-192-35	35 mm
ST15-192-40	40 mm



Osteotomes

22.5 cm straight

ST15-193-06	6 mm
ST15-193-09	9 mm
ST15-193-12	12 mm
ST15-193-15	15 mm
ST15-193-18	18 mm
ST15-193-20	20 mm
ST15-193-25	25 mm
ST15-193-30	30 mm
ST15-193-35	35 mm
ST15-193-40	40 mm



22.5 cm curved

ST15-194-06	6 mm
ST15-194-09	9 mm
ST15-194-12	12 mm
ST15-194-15	15 mm
ST15-194-18	18 mm
ST15-194-20	20 mm
ST15-194-25	25 mm
ST15-194-30	30 mm
ST15-194-35	35 mm
ST15-194-40	40 mm

Hibbs Chisel

Hibbs Osteotomes



Cobb Chisel

27.5 cm straight

ST15-201-06	6 mm
ST15-201-09	9 mm
ST15-201-12	12 mm
ST15-201-15	15 mm
ST15-201-18	18 mm
ST15-201-25	25 mm
ST15-201-35	35 mm



27.5 cm Curved

ST15-202-06	6 mm
ST15-202-09	9 mm
ST15-202-12	12 mm
ST15-202-15	15 mm
ST15-202-18	18 mm
ST15-202-25	25 mm
ST15-202-35	35 mm



Osteotomes

27.5 cm Straight

ST15-203-06	6 mm
ST15-203-09	9 mm
ST15-203-12	12 mm
ST15-203-15	15 mm
ST15-203-18	18 mm
ST15-203-25	25 mm
ST15-203-35	35 mm



27.5 cm curved

ST15-204-06	6 mm
ST15-204-09	9 mm
ST15-204-12	12 mm
ST15-204-15	15 mm
ST15-204-18	18 mm
ST15-204-25	25 mm
ST15-204-35	35 mm

Cobb Chisel

Cobb Osteotomes

Gubias óseas, cinces endoscópicos y gubias
Sgorbie per ossa, scalpelli e sgorbie endoscipic

Knochenmeißel, Endoscip Meißel & Meißel
Gouges à os, ciseaux endoscopiques et gouges



Cobb Gouge
24 cm



ST15-205-01
Straight



ST15-205-02
Slightly Curved



ST15-205-03
Strongly Curved



ST15-205-04
Curved down



Cobb Gouge
24 cm
Knurled Handle



ST15-206-01
Straight



ST15-206-02
Slightly Curved



ST15-206-03
Strongly Curved



ST15-206-04
Curved down



Hibbs Gouge Endoscopic.
ST15-209-46 46 cm
7 mm tip width straight, graduated



Hibbs Chisel Endoscopic
ST15-210-01 46 cm
10 mm tip width straight
Hibbs Osteotomes Endoscopic
ST15-210-02 46 cm
10 mm tip width straight

Tuffnel Handle



Lexer Chisel

22 cm
ST15-215-07 7 mm
ST15-215-10 10 mm
ST15-215-12 12 mm
ST15-215-15 15 mm
ST15-215-20 20 mm
ST15-215-25 25 mm
ST15-215-30 30 mm
Lexer Modif. Chisel
29 cm
ST15-216-07 7 mm
ST15-216-10 10 mm
ST15-216-12 12 mm
ST15-216-15 15 mm
ST15-216-20 20 mm
ST15-216-25 25 mm
ST15-216-30 30 mm



Lexer Osteotome

22 cm
ST15-217-07 7 mm
ST15-217-10 10 mm
ST15-217-12 12 mm
ST15-217-15 15 mm
ST15-217-20 20 mm
ST15-217-25 25 mm
ST15-217-30 30 mm
Lexer Modif. Osteotome
29 cm
ST15-218-07 7 mm
ST15-218-10 10 mm
ST15-218-12 12 mm
ST15-218-15 15 mm
ST15-218-20 20 mm
ST15-218-25 25 mm
ST15-218-30 30 mm



Lexer Gouge

22 cm
ST15-219-10 10 mm
ST15-219-15 15 mm
ST15-219-20 20 mm
ST15-219-25 25 mm
Lexer Gouge Modif.
29 cm
ST15-220-10 10 mm
ST15-220-15 15 mm
ST15-220-20 20 mm
ST15-220-25 25 mm



Mini Lexer Chisel

ST15-221-02 2mm
ST15-221-04 4mm
ST15-221-06 6mm
ST15-221-08 8mm
ST15-221-10 10mm
ST15-221-12 12mm
ST15-221-15 15mm
ST15-221-20 20mm
18cm



Mini Lexer Osteotome

ST15-222-02 2mm
ST15-222-04 4mm
ST15-222-06 6mm
ST15-222-08 8mm
ST15-222-10 10mm
ST15-222-12 12mm
ST15-222-15 15mm
ST15-222-20 20mm
18cm



Lexer Gouge

25 mm
ST15-223-05 5 mm
ST15-223-10 10 mm
ST15-223-15 15 mm
Straight



Lexer Gouge

25 mm
ST15-224-05 5 mm
ST15-224-10 10 mm
ST15-224-15 15 mm
Curved

Cinceles óseos, gubias, osteótomos
Scalpelli per ossa, sgorbie, osteotomi

Knochenmeißel, Meißel, Osteotome
Ciseaux à os, gouges, ostéotomes

Tuffnel Handle



Capener Chisels

25cm
ST15-227-06 6mm
ST15-227-08 8mm
ST15-227-10 10mm
ST15-227-12 12mm
ST15-227-15 15mm
ST15-227-20 20mm
ST15-227-25 25mm
ST15-227-30 30mm
Straight



Capener Chisels

25cm
ST15-228-06 6mm
ST15-228-08 8mm
ST15-228-10 10mm
ST15-228-12 12mm
ST15-228-15 15mm
ST15-228-20 20mm
ST15-228-25 25mm
ST15-228-30 30mm
Curved



Capener Osteotome

25cm
ST15-229-10 10mm
ST15-229-12 12mm
ST15-229-15 15mm
ST15-229-20 20mm
ST15-229-25 25mm
ST15-229-30 30mm
Straight



Capener Osteotome

25cm
ST15-230-10 10mm
ST15-230-12 12mm
ST15-230-15 15mm
ST15-230-20 20mm
ST15-230-25 25mm
ST15-230-30 30mm
Curved



Gouges for scoliosis operations



Zielke
ST15-237-05 5.5mm
ST15-237-09 9.0mm
23cm

Cobb Spinal
Gouge
ST15-238-01
4mm, 28cm
Straight



Cobb Spinal
Gouge
ST15-238-02
4mm, 28cm
Light curve



Cobb Spinal
Gouge
ST15-238-03
4mm, 28cm
strong curve



Cobb Spinal
Gouge
ST15-238-04
4mm, 28cm
curved to rear



Chisel
ST15-239-11
115mm/280mm
for extraction
of cement



Chisel
ST15-240-09
for extraction
of cement 9mm
Positive 400mm



Chisel
ST15-241-01
with 2 prong

Osteotom osteótomo

Ostéotome Osteotomo



Lambotte Osteotome
25cm

ST15-245-06 6mm
ST15-245-08 8mm
ST15-245-10 10mm
ST15-245-13 13mm
ST15-245-14 15mm
ST15-245-20 20mm
ST15-245-25 25mm
ST15-245-30 30mm
ST15-245-38 38mm
ST15-245-44 44mm
ST15-245-50 50mm
Straight



Lambotte Osteotome
25cm

ST15-246-06 6mm
ST15-246-08 8mm
ST15-246-10 10mm
ST15-246-13 13mm
ST15-246-15 15mm
ST15-246-20 20mm
ST15-246-25 25mm
ST15-246-30 30mm
ST15-246-38 38mm
ST15-246-44 44mm
ST15-246-50 50mm
Curved

ST15-247-03 3mm
ST15-247-04 4mm
ST15-247-06 6mm
ST15-247-08 8mm
ST15-247-10 10mm
ST15-247-12 12mm
ST15-247-15 15mm
Straight

ST15-248-03 3mm
ST15-248-04 4mm
ST15-248-06 6mm
ST15-248-08 8mm
ST15-248-10 10mm
ST15-248-12 12mm
ST15-248-15 15mm
Curved

ST15-249-03 3mm
ST15-249-04 4mm
ST15-249-06 6mm
ST15-249-08 8mm
ST15-249-10 10mm
ST15-249-12 12mm
ST15-249-15 15mm
Straight

ST15-250-03 3mm
ST15-250-04 4mm
ST15-250-06 6mm
ST15-250-08 8mm
ST15-250-10 10mm
ST15-250-12 12mm
ST15-250-15 15mm
Curved

Mini-Lambotte Osteotome
12.5cm

Mini-Lambotte Osteotome
17cm



Cottle Osteotome

18.5cm Straight
ST15-251-04 4mm tip width
ST15-251-06 6mm tip width
ST15-251-09 9mm tip width
ST15-251-12 12mm tip width



Anderson-Nievert Osteotome

20.5cm
ST15-252-01 Curved right
ST15-252-02 Curved left
ST15-252-03 Straight

Cinceles para rinoplastica

Meißel zur nasenplastik

ScalPELLI per plastica nasale

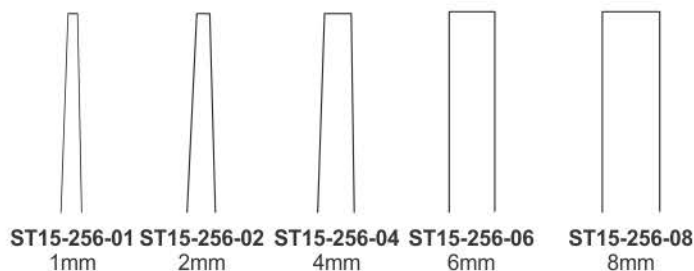
Osteotomes, ciseaux-burins pour rhinoplastique



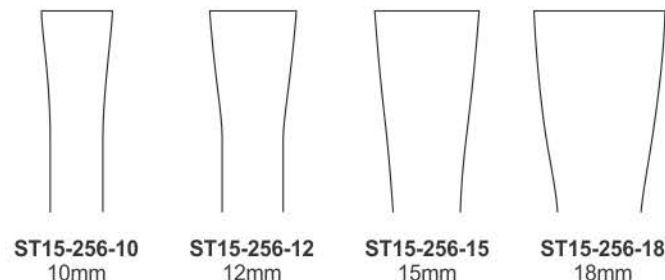
Sheehan osteotome

16cm

for delicate bone cutting in
plastic and hand surgery



ST15-256-01 1mm **ST15-256-02** 2mm **ST15-256-04** 4mm **ST15-256-06** 6mm **ST15-256-08** 8mm



ST15-256-10 10mm **ST15-256-12** 12mm **ST15-256-15** 15mm **ST15-256-18** 18mm



Freer Gouge

ST15-257-15

15cm
06mm



Freer Chisel

ST15-258-16

16cm
04mm



Ballenger Chisel

ST15-259-04 4mm

ST15-259-06 6mm

ST15-259-08 8mm

16cm



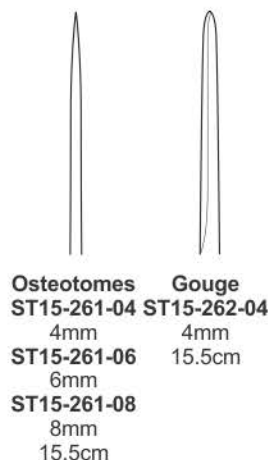
Shoulder Penetrating Gouge

ST15-260-21

21.6cm
Straight, 3mm
distal tip



Mannerfelt Modif.



Osteotomes **Gouge**
ST15-261-04 **ST15-262-04**
4mm 4mm
ST15-261-06 15.5cm
6mm
ST15-261-08
8mm
15.5cm



Kilian, Septum Gouge

ST15-263-16 16cm

5mm



Kilian-Claus Septum Gouge

ST15-264-16 16cm

5mm



Cottle Osteotome

ST15-265-07 7mm

15cm



Cottle Osteotome

ST15-266-19 19cm

4mm



Cottle Osteotome with depth markings

ST15-267-18 18cm

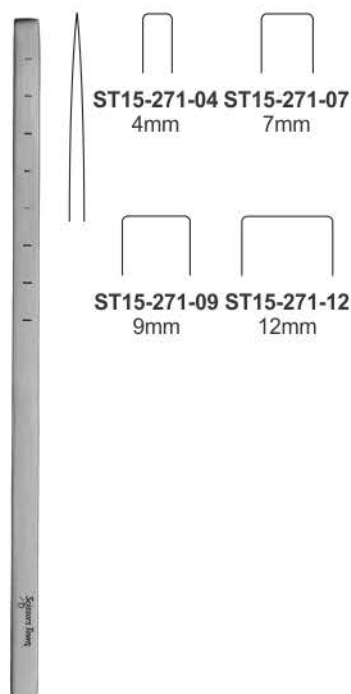
6mm

Meißel zur nasenplastik

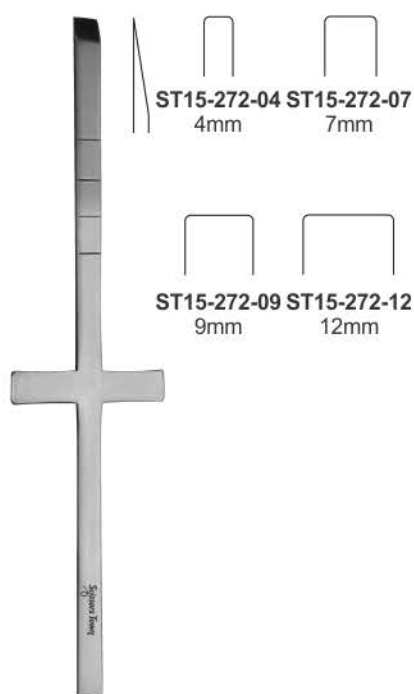
Osteotomes, ciseaux-burins pour rhinoplastique

Cinceles para rinoplastica

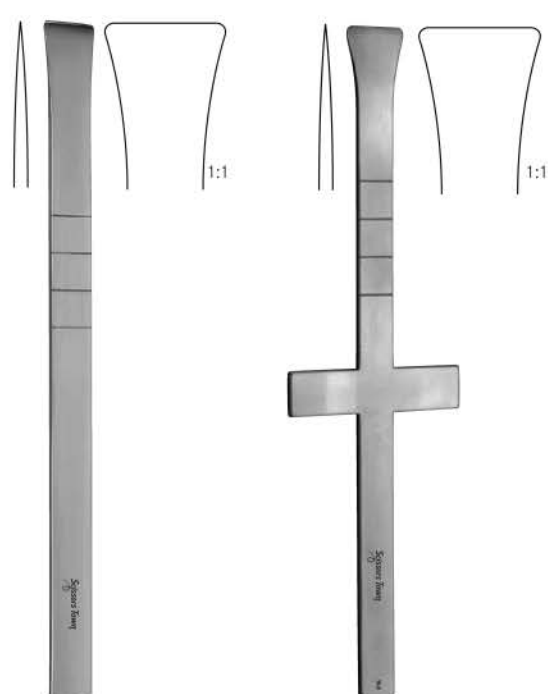
Scalpelli per plastica nasale



Cottle Osteotome
18cm



Cottle Chisel
18cm

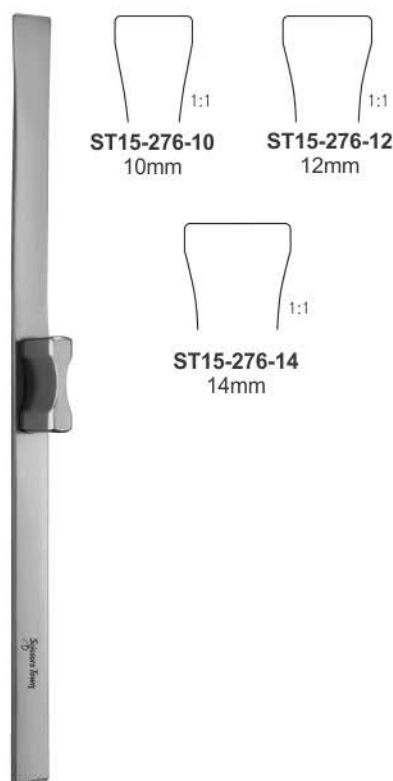


Cottle Osteotomes
ST15-273-16 18cm
16mm Protected
and depth markings

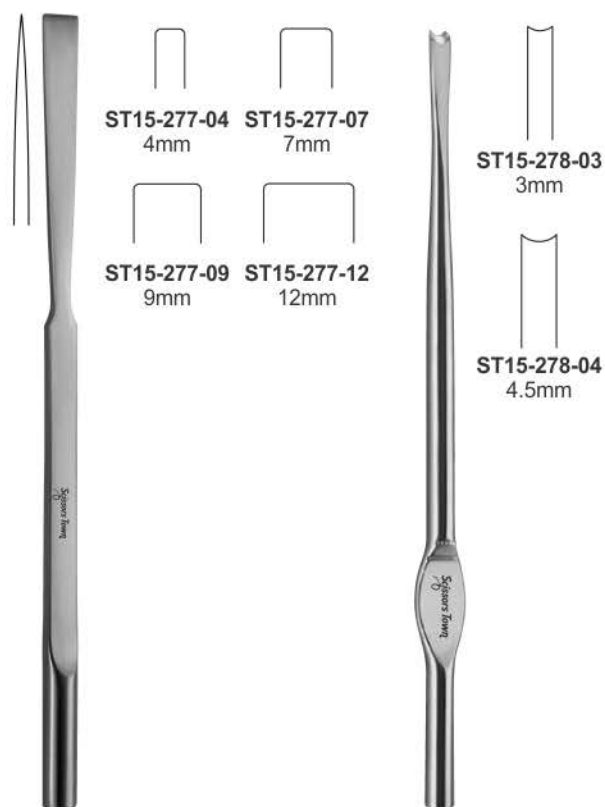
Cottle Osteotomes
ST15-274-16 18cm
16mm Cross bar and
depth markings



Cottle Osteotomes
ST15-275-06 18cm
06mm Cross bar
and depth markings



Rubin osteotome
with stabilizer to reduce
chance of twisting for
more control
18cm

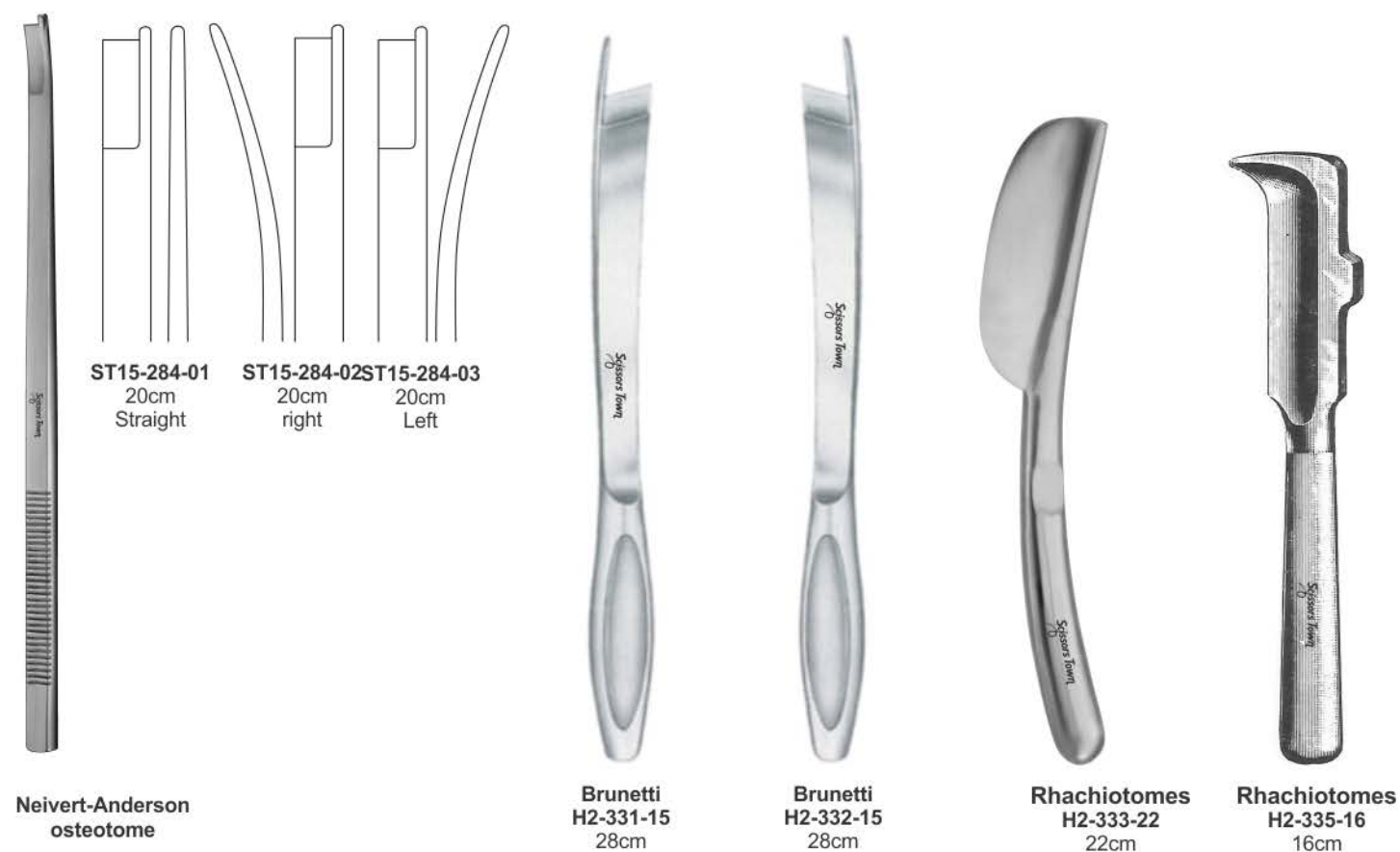
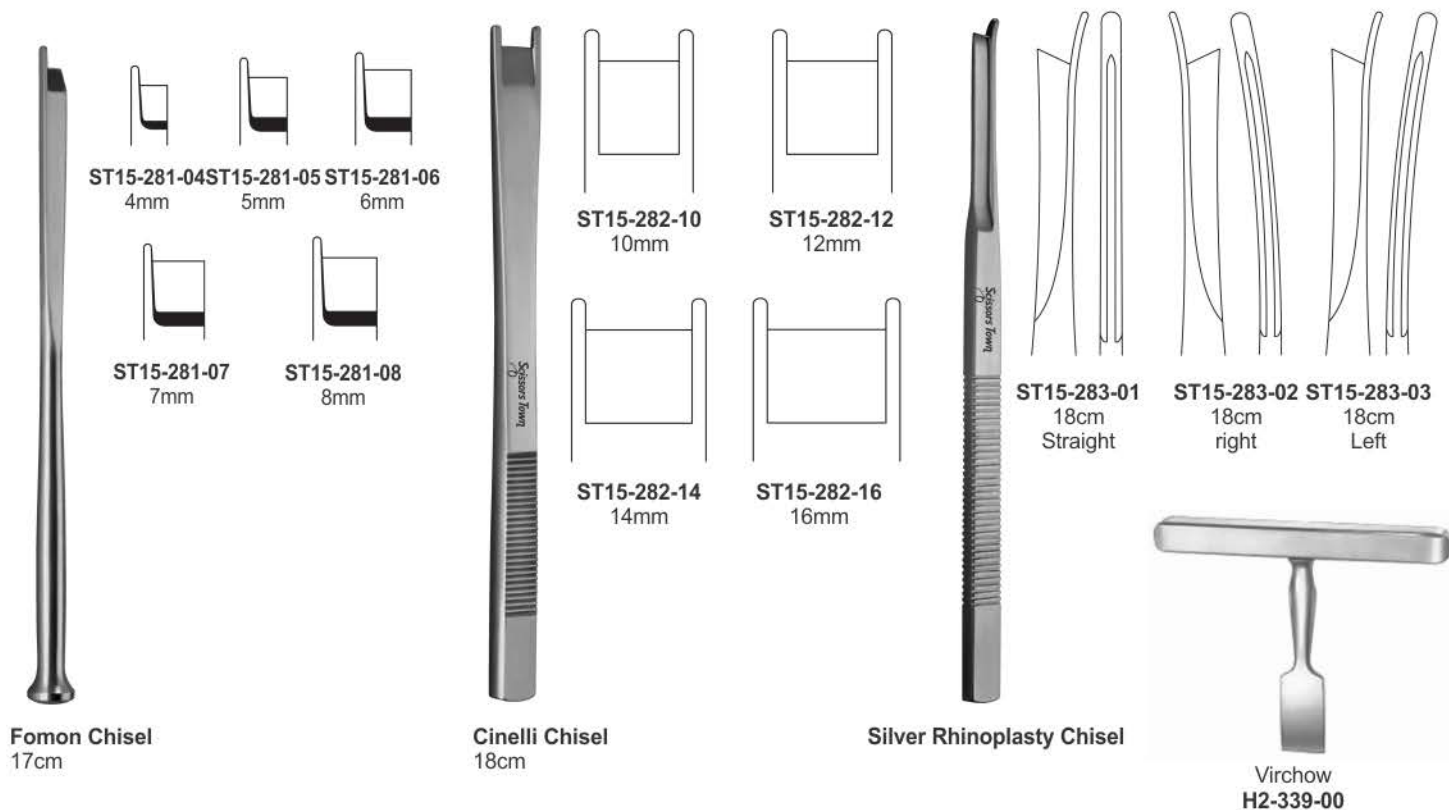


Cottle Osteotome
20cm

Walter Gouge
19cm

Cinceles óseos y osteotomos, raquiotomos
Scalpelli per ossa e osteotomo, rachiotomi

Knochenmeißel & Osteotome, Rhachiotome
Ciseaux à os et ostéotomes, Rhachiotomes





Chisel Blade Handle
ST15-300-00 18.5cm

Chisel blades, interchangeable



ST15-300-01 8.5cm
5mm



ST15-300-02 8.5cm
10mm



ST15-300-03 8.5cm
16mm



ST15-300-04 8.5cm
25mm

Osteotome blades, interchangeable



ST15-300-05 8.5cm
5mm



ST15-300-06 8.5cm
10mm



ST15-300-07 8.5cm
16mm



ST15-300-08 8.5cm
25mm



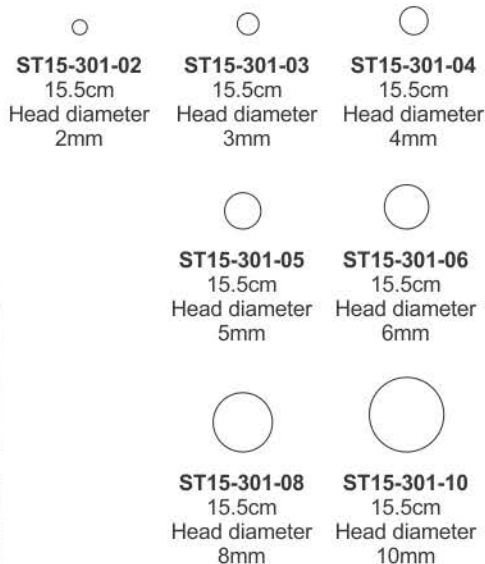
Chisel Blade key
ST15-300-09 9cm

Apisonadores y Curetas
Tamper e curette

Stampfer & Küretten
Tampons & Curettes



Bone Tamper



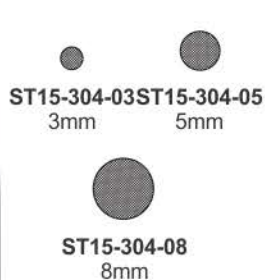
Passow
Bone Tamper
12cm



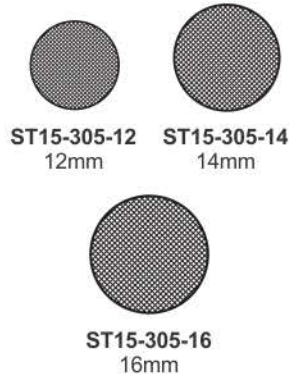
Bone Tamps
15.4 cm



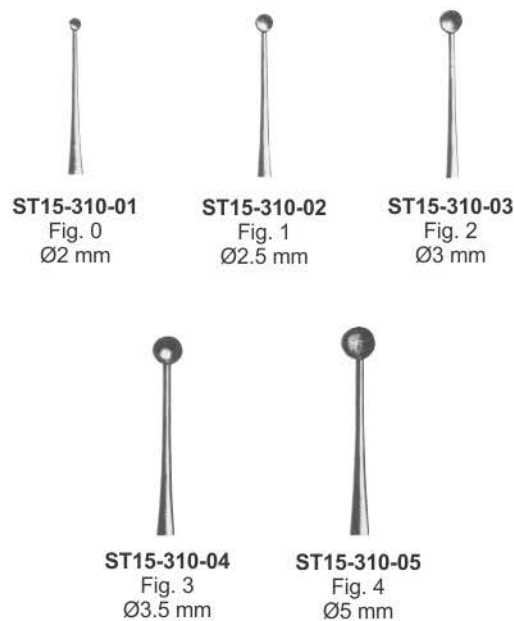
Caspar
Bone Tamper
20cm



Caspar
Bone Tamper
20cm



Meyhoefer
14cm





Jansen Curette
ST15-311-16 16cm



Jansen Curette
ST15-312-15 15cm



Ray Bone Curette, 19 cm
Pituitary Curette



45°
ST15-314-03 Ø 3 mm
ST15-314-04 Ø 4 mm
ST15-314-05 Ø 5 mm



45° offset
ST15-316-03 Ø 3 mm
ST15-316-04 Ø 4 mm
ST15-316-05 Ø 5 mm



90°
ST15-315-03 Ø 3 mm
ST15-315-04 Ø 4 mm
ST15-315-05 Ø 5 mm



90° offset
ST15-317-03 Ø 3 mm
ST15-317-04 Ø 4 mm
ST15-317-05 Ø 5 mm



Tay-Bronson Bone Curette
22 cm
Pituitary Curette, double-edged



ST15-318-04
Ø 4 mm
straight



30°
ST15-319-03 Ø 3 mm
ST15-319-04 Ø 4 mm
ST15-319-05 Ø 5 mm



45°
ST15-320-03 Ø 3 mm
ST15-320-04 Ø 4 mm
ST15-320-05 Ø 5 mm



Martini Curette
13.5 cm



Martini Curette
15.5 cm



ST15-328-01 Fig. 00



ST15-328-02 Fig. 0



ST15-328-03 Fig. 1



Williger Curette
13.5 cm



ST15-329-01 Fig. 00



ST15-329-03 Fig. 0



ST15-329-05 Fig. 1



ST15-329-02 Fig. 0



ST15-329-04 Fig. 1



ST15-329-06 Fig. 2



Williger Curette
15.5 cm



ST15-330-01 Fig. 00



ST15-330-02 Fig. 0



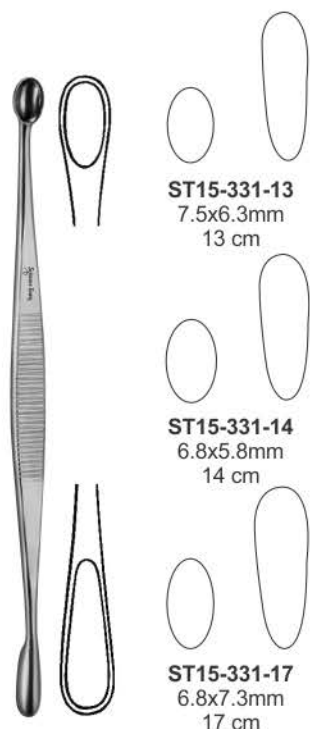
ST15-330-03 Fig. 1

cucharillas cortantes

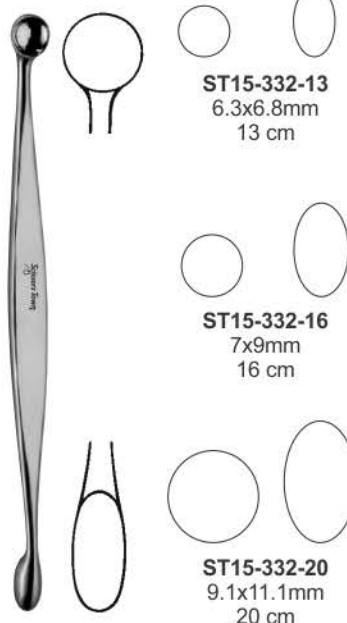
Scharfe Löffel

Cucchiai taglienti

Curettes tranchantes



**Volkman
Curette**
Oval / Oval



**Volkman
Curette**
Round / Oval



**Curette
ST15-333-21**
21cm
round / oval



Volkman Bone Curettes
double-ended, oval
22cm 8 3/4"



**Cushing
Bone Curette**
23.5 cm
Pituitary Spoon,
malleable, silver-plated



**Buck Bone
Curettes**
14.5cm



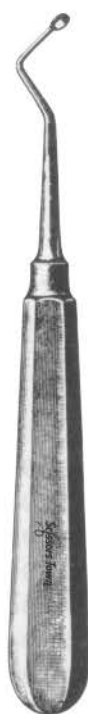
**Williger
Bone Curettes**
17cm



**Williger
Bone Curettes**
17cm



ST15-341-02 2mm
ST15-341-03 3mm
15cm
Kerpel



ST15-342-02 2mm
ST15-342-03 3mm
15cm
Kerpel
angled to right



ST15-343-02 2mm
ST15-343-03 3mm
15cm
Kerpel
angled to left



Uffenorde Bone
Curette Left
ST15-344-01
17.5 cm



Uffenorde Bone
Curette Right
ST15-345-02
17.5 cm



				
ST15-346-02	ST15-346-03	ST15-346-04	ST15-346-05	ST15-346-06
Ø 2mm	Ø 3mm	Ø 4mm	Ø 5mm	Ø 6mm
17cm	17cm	17cm	17.5cm	17.5cm

				
ST15-346-07	ST15-346-08	ST15-346-10	ST15-346-12	ST15-346-14
Ø 7mm	Ø 8mm	Ø 10mm	Ø 12mm	Ø 14mm
18cm	18cm	19cm	20cm	20cm

Bone Curettes, round,
Swedish Pattern
17 - 20cm



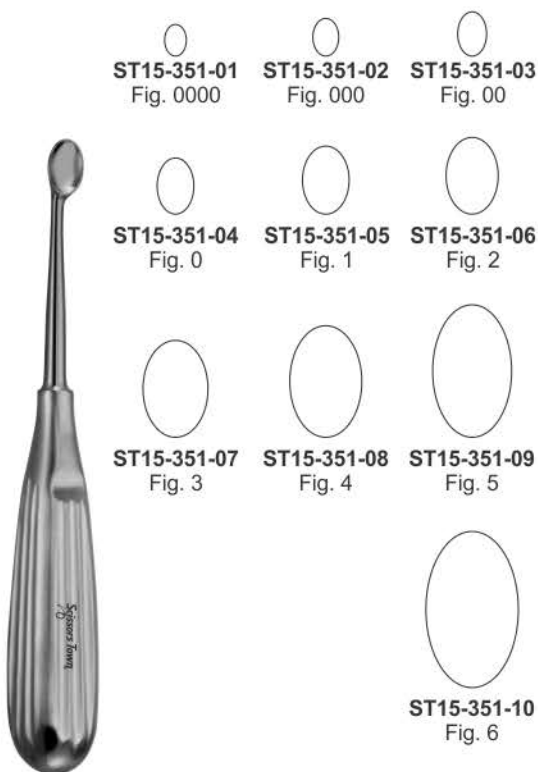
			
ST15-347-02	ST15-347-03	ST15-347-04	ST15-347-05
2mm	3mm	4mm	5mm
18cm	18cm	18.5cm	18.5cm

			
ST15-347-06	ST15-347-07	ST15-347-08	ST15-347-10
6mm	7mm	8mm	10mm
18.5cm	19cm	20cm	21cm

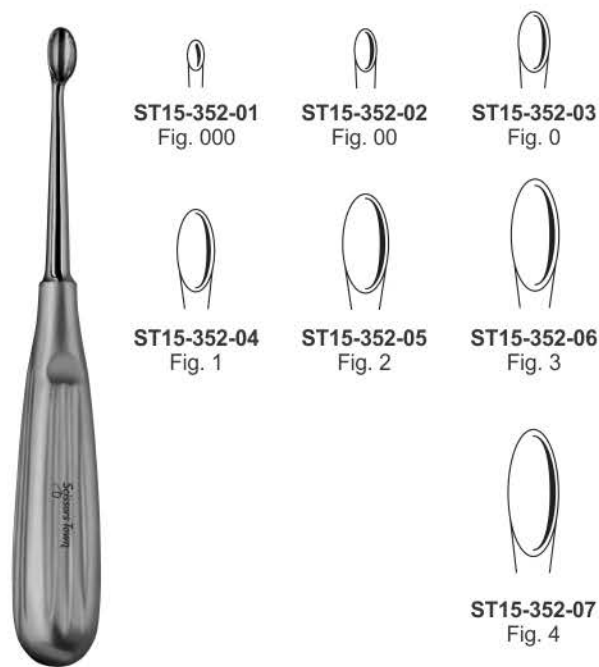
	
ST15-347-12	ST15-347-14
12mm	14mm
21cm	22cm

Bone Curettes, oval,
Swedish Pattern
18 - 22cm

cucharillas cortantes | Scharfe Löffel
Cucchiai taglienti | Curettes tranchantes



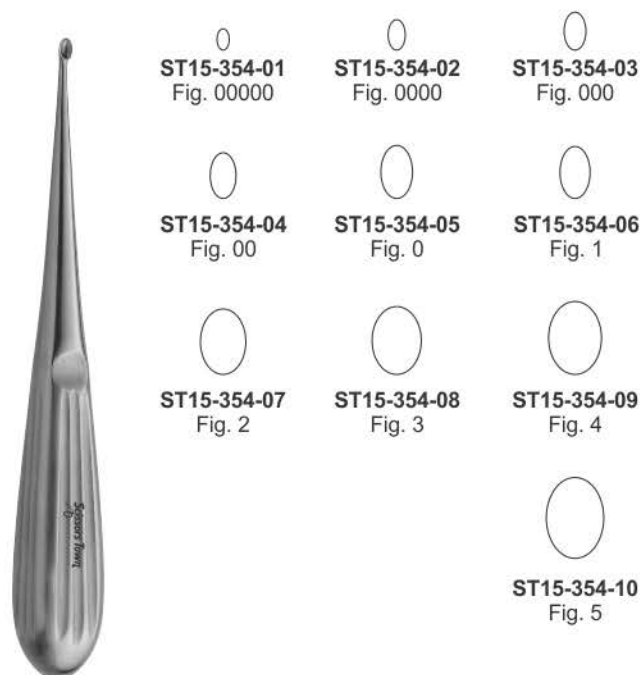
**Volkman
Bone Curette**
17cm



**Schede
Bone Curette**
17 cm



**Bruns
Bone Curette**
17cm



**Spratt Bone Curette
/ Hollow Handle**
16.5cm



**Lempert Bone
Curette**
20cm

- | | |
|--|--|
| ○
ST15-357-01
Fig. 000000 | ○
ST15-357-02
Fig. 000000 |
| ○
ST15-357-03
Fig. 0000 | ○
ST15-357-04
Fig. 000 |
| ○
ST15-357-05
Fig. 00 | ○
ST15-357-06
Fig. 0 |
| ○
ST15-357-07
Fig. 1 | ○
ST15-357-08
Fig. 2 |



**Daubenspeck
Bone Curette**
20 cm

- | | |
|---|--|
| ○
ST15-358-01
2.8mm
Fig. 0000 | ○
ST15-358-02
3.6mm
Fig. 000 |
| ○
ST15-358-03
4.4mm
Fig. 00 | ○
ST15-358-04
5.2mm
Fig. 0 |



Bone Curette
25 cm
Straight

- | | |
|--|---|
| ○
ST15-359-01
3.6mm
Fig. 000 | ○
ST15-359-02
4.4mm
Fig. 00 |
| ○
ST15-359-03
5.2mm
Fig. 0 | ○
ST15-359-04
6.8mm
Fig. 1 |



**Scoville Bone
Curette**
25 cm

- | |
|---|
| ○
ST15-360-01
4x10mm
Straight |
| ○
ST15-360-02
4x10mm
Down Angle |
| ○
ST15-360-03
4x10mm
Up Angle |



**Bruns (Volkman)
Bone Curette**
Straight

- | | |
|---|--|
| ○
Fig. 000
ST15-361-01 20cm
ST15-362-01 23cm | ○
Fig. 00
ST15-361-02 20cm
ST15-362-02 23cm |
| ○
Fig. 0
ST15-361-03 20cm
ST15-362-03 23cm | ○
Fig. 1
ST15-361-04 20cm
ST15-362-04 23cm |
| ○
Fig. 2
ST15-361-05 20cm
ST15-362-05 23cm | ○
Fig. 3
ST15-361-06 20cm
ST15-362-06 23cm |
| ○
Fig. 4
ST15-361-07 20cm
ST15-362-07 23cm | ○
Fig. 5
ST15-361-08 20cm
ST15-362-08 23cm |
| ○
Fig. 6
ST15-361-09 20cm
ST15-362-09 23cm | |

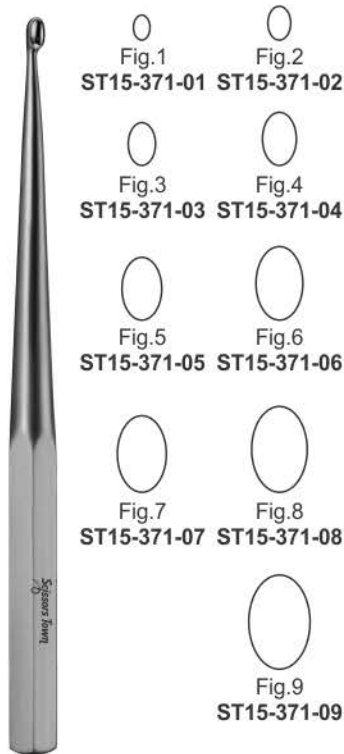


**Bruns (Volkman)
Bone Curette**
Curved

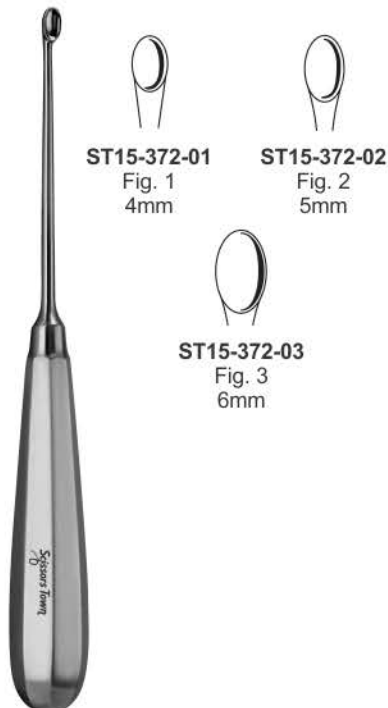
- | | |
|---|--|
| ○
Fig. 000
ST15-363-01 20cm
ST15-364-01 23cm | ○
Fig. 00
ST15-363-02 20cm
ST15-364-02 23cm |
| ○
Fig. 0
ST15-363-03 20cm
ST15-364-03 23cm | ○
Fig. 1
ST15-363-04 20cm
ST15-364-04 23cm |
| ○
Fig. 2
ST15-363-05 20cm
ST15-364-05 23cm | ○
Fig. 3
ST15-363-06 20cm
ST15-364-06 23cm |
| ○
Fig. 4
ST15-363-07 20cm
ST15-364-07 23cm | ○
Fig. 5
ST15-363-08 20cm
ST15-364-08 23cm |
| ○
Fig. 6
ST15-363-09 20cm
ST15-364-09 23cm | |

cucharillas cortantes
Cucchiai taglienti

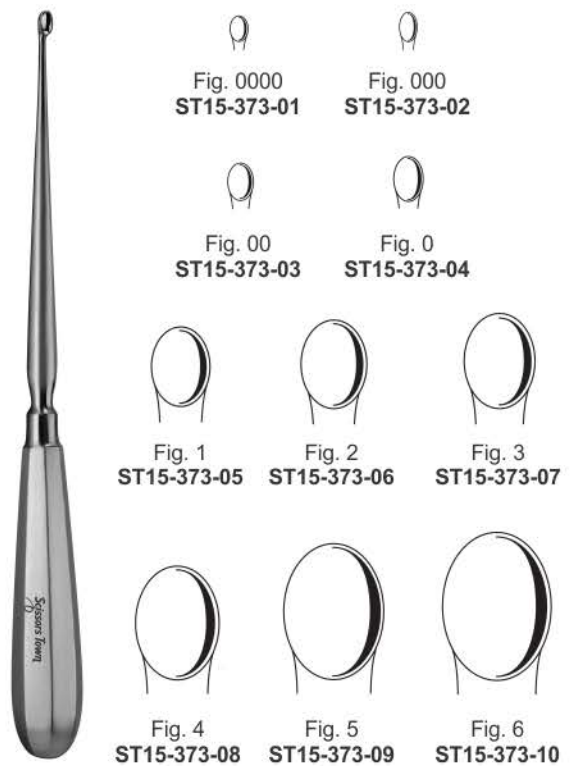
Scharfe Löffel
Curettes tranchantes



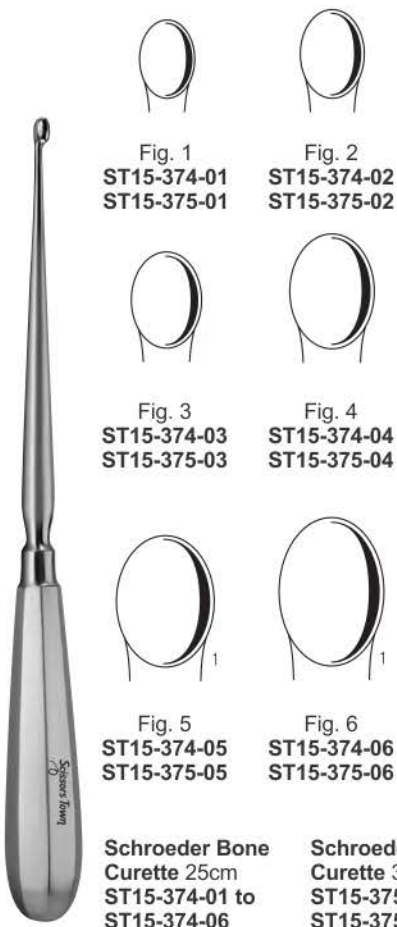
Bruns Bone Curette
23 cm



Halle Bone Curette
Malleable
21cm



Simon Bone Curette
24cm

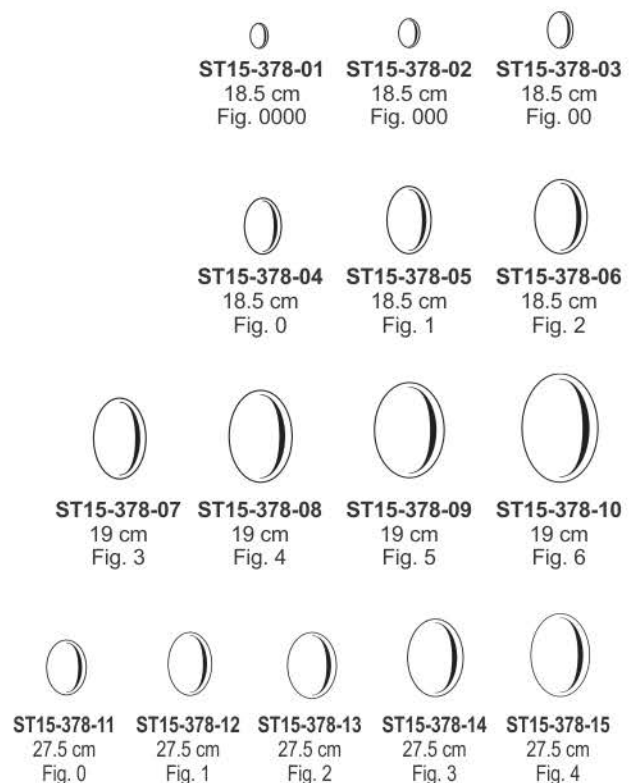


Schroeder Bone Curette 25cm
ST15-374-01 to ST15-374-06

Schroeder Bone Curette 30cm
ST15-375-01 to ST15-375-06



Volkman Bone Curette
Oval, with fiber handle



Raspatorien
Periostótomos

Rugines-raspatoires
Periostotomi



Obwegeser-Freer Elevator
ST15-384-21
21 cm



Obwegeser-Freer Elevator
ST15-385-21
21 cm



Freer Elevator
ST15-387-18
18.5 cm
double ended
5 mm sharp end
5 mm blunt end



Molt Periosteal elevator
ST15-390-01
18 cm



Molt
ST15-390-02
18 cm



Molt
ST15-390-03
18 cm



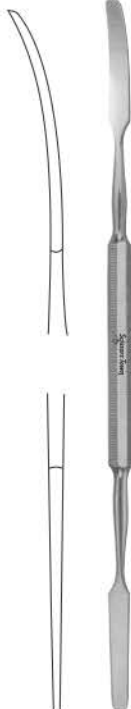
Molt
ST15-390-04
18 cm



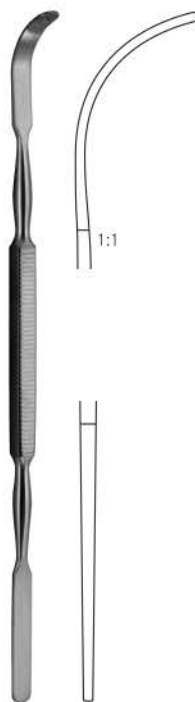
Mead
ST15-393-16
16.5 cm



Kleinert Kutz Elevator and Dissector
ST15-394-19
19.5 cm
2 mm x 3 mm Sharp ends



MacDonald
ST15-395-19
19 cm



Mc Donald Elevators
ST15-396-19 19 cm
double ended



Watson-Cheyne Elevators
ST15-397-19 19 cm
double ended



Cohen
ST15-398-24
24 cm

Rugines-raspatoires
Periostotomi

Raspatorien
Periostótomos



Penfield Elevators
ST15-401-01
style #1
17.5 cm
double ended



Penfield Elevators
ST15-401-02
style #2
18.5 cm
double ended



Penfield Elevators
ST15-401-03
style #3
18.5 cm
double ended



Penfield Elevators
ST15-401-04
style #4
18.5 cm
single ended



Penfield Elevators
ST15-401-05
style #5
18.5 cm
double ended



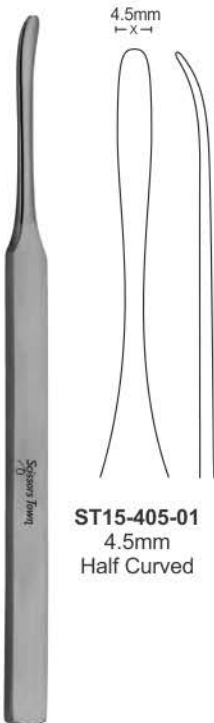
Howarth Periosteal Elevator
ST15-402-21
21.5cm
Sharp / Blunt



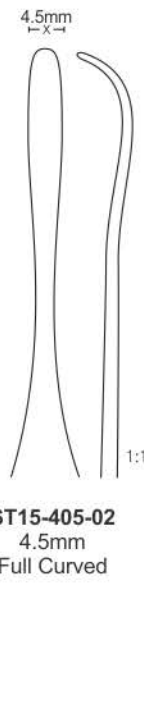
Sachs Nerve Elevator
ST15-403-18
18.5 cm
3 mm blunt



Alderdyce Elevators
ST15-404-21 21.5 cm
double ended



ST15-405-01
4.5mm
Half Curved



ST15-405-02
4.5mm
Full Curved



Obwegeser Elevator



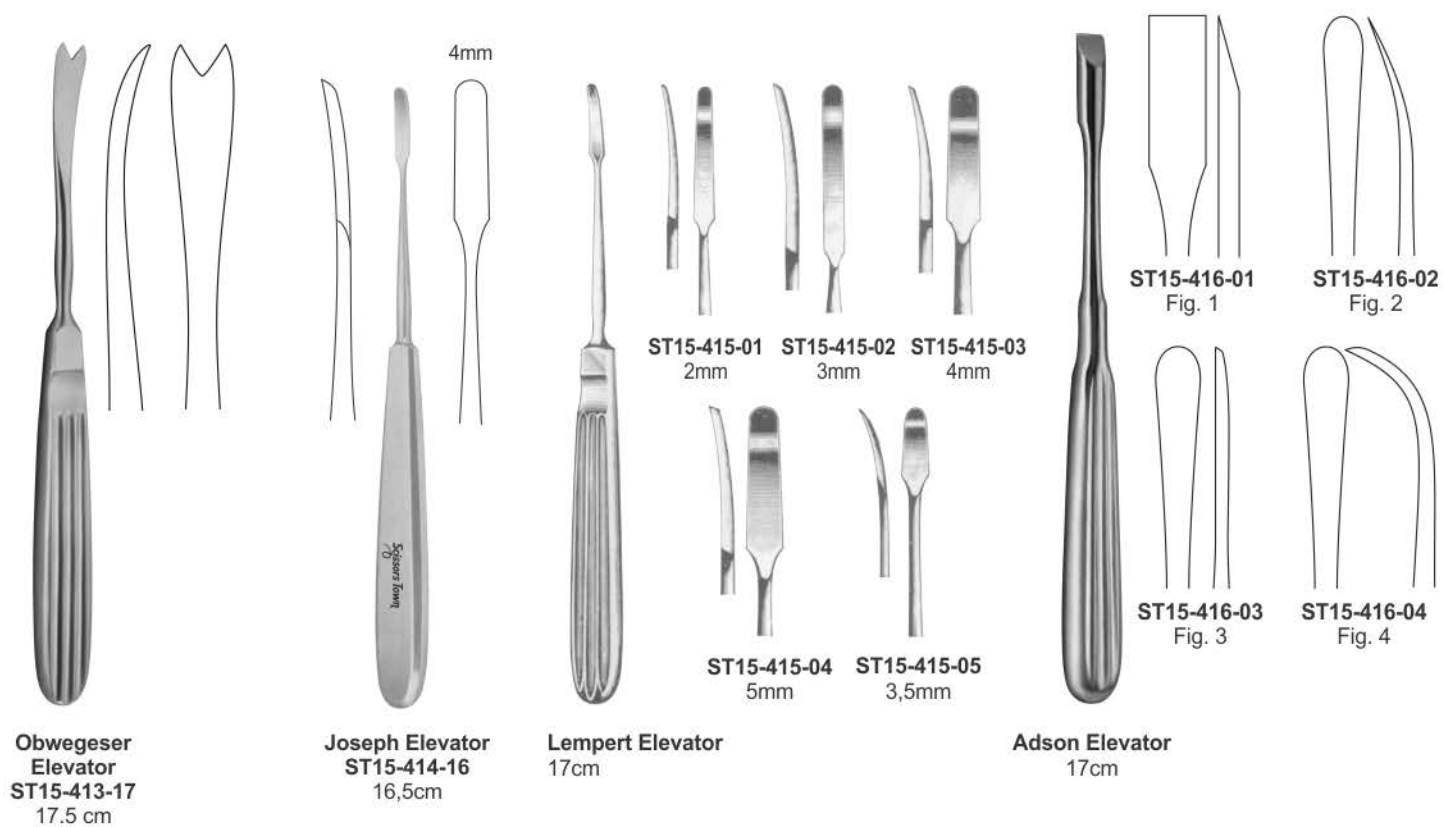
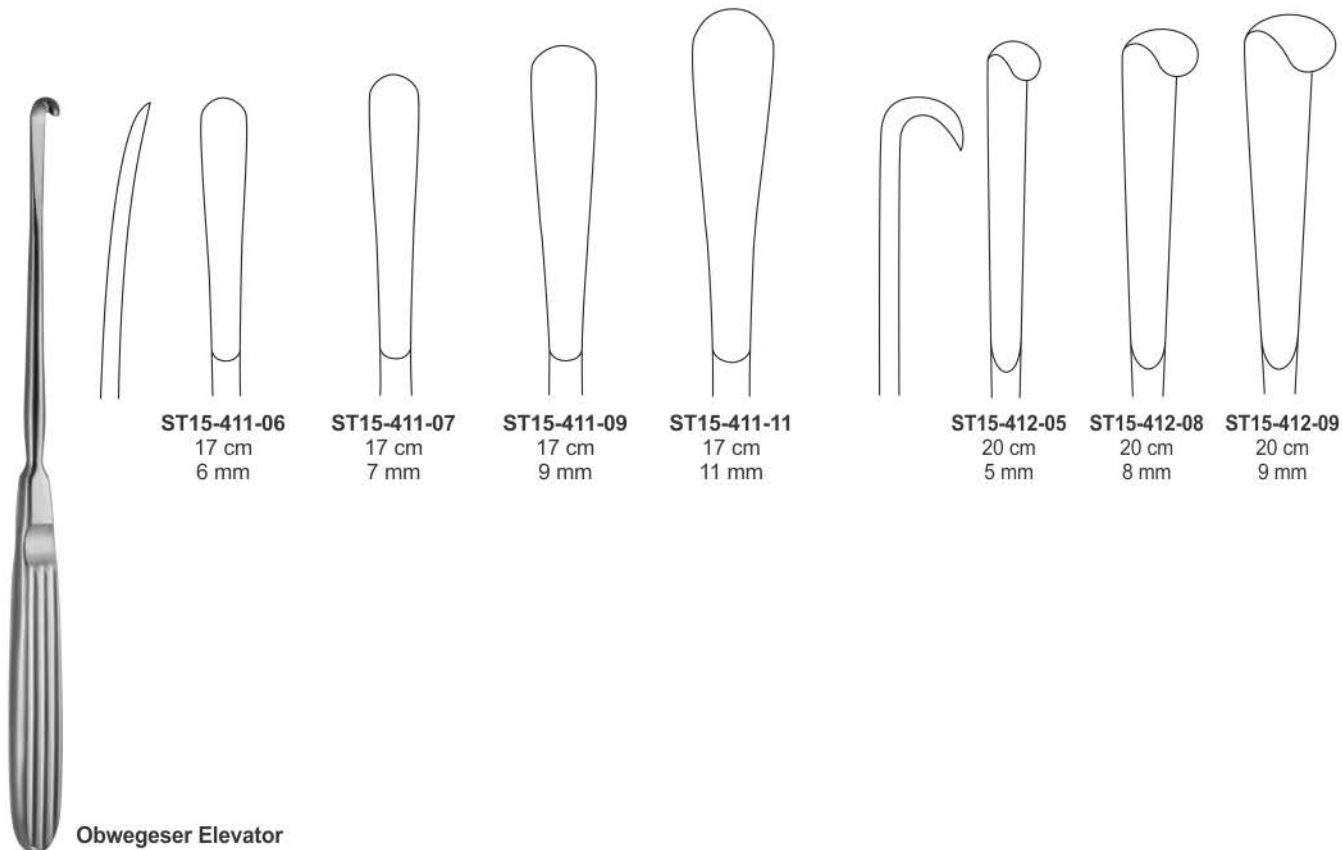
ST15-406-01
15cm
2.5mm



ST15-406-02
15cm
4.5mm



Carroll Periosteal Elevator
ST15-407-14 14 cm
sharp, double ended
3 mm round end,
10 mm flat end

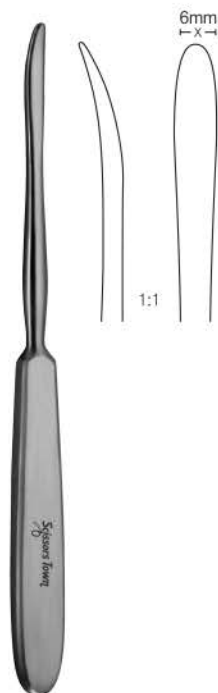


Rugines-raspatoires
Periostotomi

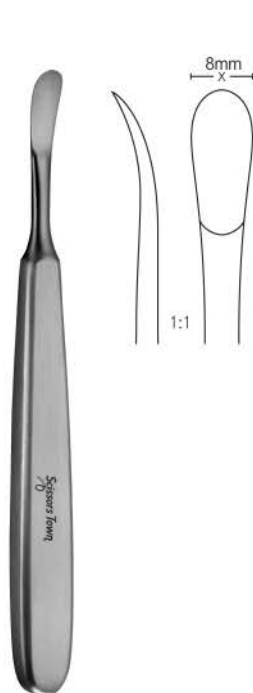
Raspatorien
Periostótomos



Sedillot Elevator
ST15-421-19
19cm



Quervain Elevator
ST15-422-19 6mm
19.5cm



Trelat Elevator
ST15-423-15 8mm
15cm



Periosteal Elevator
ST15-424-06
17 cm



Sedillot Elevator
ST15-425-21 21cm



Langenbeck Periosteal Elevator
ST15-426-15 15 mm
19 cm
sharp, slightly curved



Langenbeck Periosteal Elevator
ST15-427-07 7mm
20 cm Blunt



Langenbeck Periosteal Elevator
ST15-429-19 sharp edge
ST15-430-19 blunt edge
19.5 cm



Langenbeck Periosteal Elevator
ST15-431-23
23cm



Langenbeck Periosteal Elevator
ST15-432-18
18cm



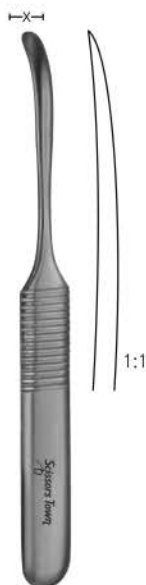
Langenbeck Periosteal Elevator
ST15-433-19 19cm

Raspatorien
Periostótomos

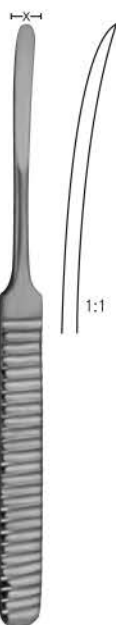
Rugines-raspatoires
Periostotomi



Crego Periosteal Elevator
ST15-436-15
15.5cm



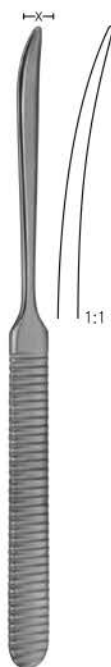
Williger Elevator
ST15-437-13 13cm
5mm



Williger Elevator
ST15-438-04 4mm
ST15-438-06 6mm
16cm



Williger Elevator
ST15-439-01 16cm
5mm



Williger Elevator
ST15-439-02 16cm
6.5mm



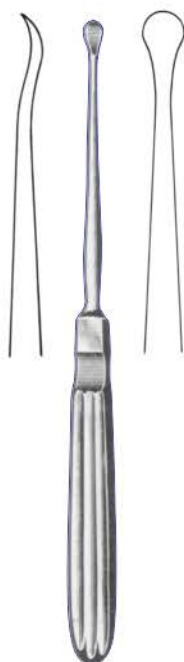
Kahre-Williger
16cm



ST15-440-04
4mm



ST15-440-05
5mm



Ward
ST15-441-19
19cm



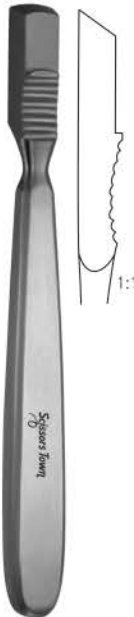
Farabeuf-Collin Elevator
ST15-443-11
16cm
11mm
Straight



Farabeuf-Collin Elevator
ST15-444-11
16cm
11mm
Curved



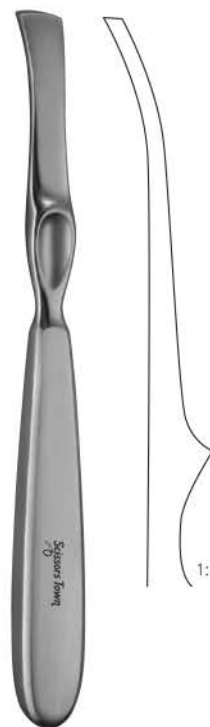
Farabeuf Elevator
ST15-445-15
15cm
Straight



Farabeuf Elevator
ST15-446-15
15cm
Curved



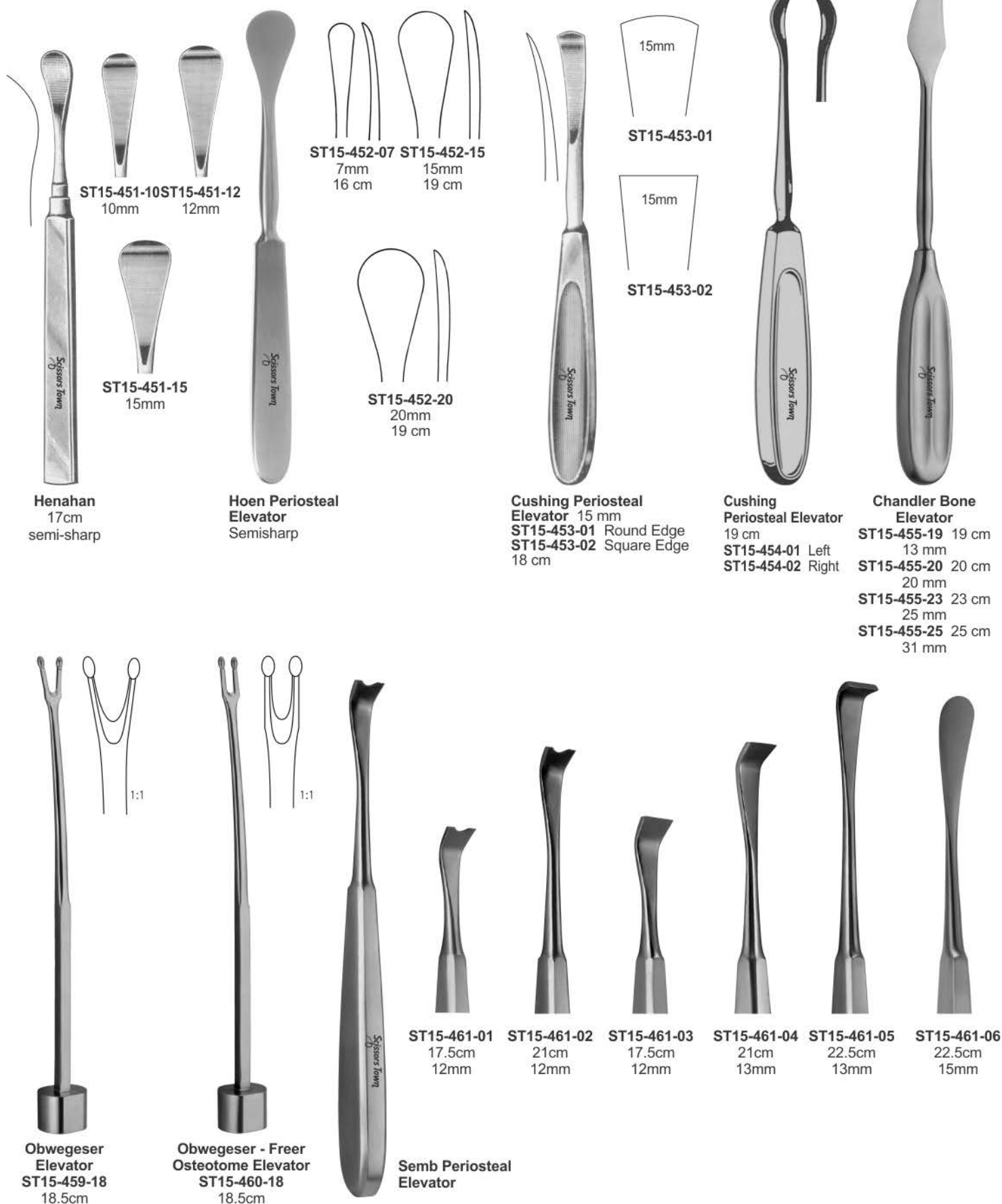
Lambotte Elevator
ST15-447-05 5mm
ST15-447-10 10mm
ST15-447-15 15mm
ST15-447-20 20mm
ST15-447-25 25mm
21cm Straight



Lambotte Elevator
ST15-448-05 5mm
ST15-448-10 10mm
ST15-448-15 15mm
ST15-448-20 20mm
ST15-448-25 25mm
21cm Curved

Rugines-raspatoires
Periostotomi

Raspatorien
Periostótomos



Raspatorien
Periostótomos

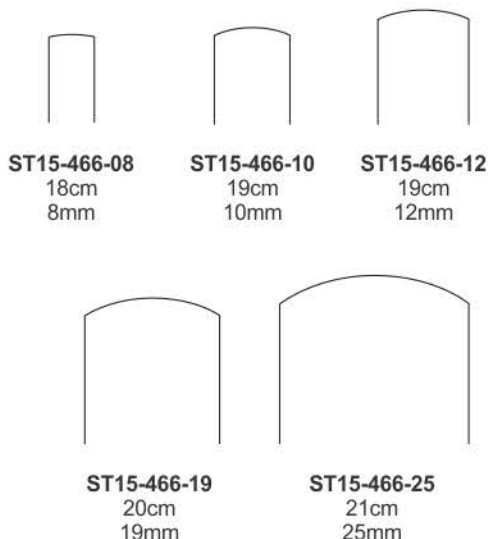
Rugines-raspatoires
Periostotomi



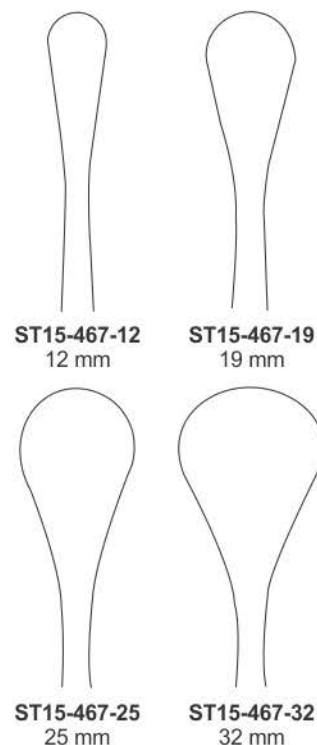
Alexander Periosteal Elevator
ST15-462-20 20cm



Key Periosteal Elevator
slightly curved
Hexagonal Handle sharp



Cobb Periosteal Elevator
23.4 cm
Hexagonal Handle sharp



Raspatries
ST15-471-28
28cm



Harrington Spinal Elevator
ST15-472-30 30 cm
19 mm tip width
Sharp



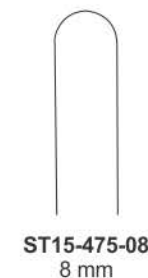
Cobb Modif.
28 cm
Round Handle



Cobb Periosteal Elevator
ST15-474-10 10mm
ST15-474-13 13mm
ST15-474-19 19mm
29cm
Spinal raspatory



Cobb Modif.
28 cm
Round Handle



Rugines-raspatoires
Periostotomi

Raspatorien
Periostótomos



Raspatories
ST15-481-20 20cm
Medium straight
blade round edge,
width 14mm

Raspatories
ST15-482-20 20cm
Large straight
blade round edge,
width 20mm

Raspatories
ST15-483-20 20cm
Medium curved
blade round edge,
width 14mm

Raspatories
ST15-484-20 20cm
Large curved
blade round edge,
width 20mm

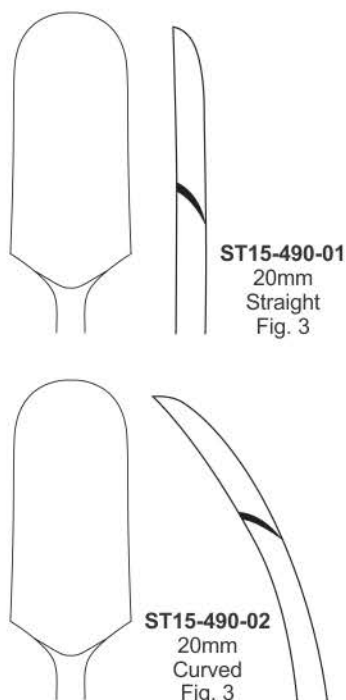
Raspatories
ST15-485-28
28cm

Periosteal Elevator
ST15-486-18 18 cm
FiberHandle
blade 6mm

Periosteal Raspatories
ST15-487-18
18.5cm
Curved



Ferozell Periosteal Elevator
20cm



Ferozell Periosteal Elevator
18cm

Periosteheber, Rippenraspatorium

Elevadores de periostio, raspador de costillas

Élévateurs périostés, râpe à côtes

Ascensori periostale, Raspatory costale



Sayre Periosteal Elevator
ST15-496-17 17 cm
one straight blunt
and one curved sharp



Pennybacker Periosteal Elevator
ST15-497-17 6 mm
17 cm
sharp, curved



Sebileau Periosteal Elevator



ST15-498-17
17.5 cm



Darrach Elevator
ST15-498-26 26cm 19mm
ST15-498-35 35cm 25.4mm
Blunt, Slightly Curved



JANSEN
ST15-500-16
16.5cm



SCHNEIDER
ST15-501-17
17.5cm



SCHNEIDER-SAUERBRUCH
ST15-502-19
19cm



St. Thomas
ST15-503-16
16 cm
Pointed



St. Thomas
ST15-504-16
16 cm
Rounded



Robinson's
ST15-505-17
17 cm



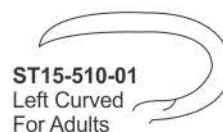
Doyen Rib Raspatory
18 cm



ST15-509-01
Right Curved
For Adults



ST15-509-02
Right Curved
For Children



ST15-510-01
Left Curved
For Adults



ST15-510-02
Left Curved
For Children



Doyen Rib Raspatory
17 cm

Elevadores y palancas de hueso
Ascensori e leve ossee

Aufzüge & Knochenhebel
Ascenseurs et leviers d'os



Lane Bone Elevator
ST15-303-16 16 cm
Serrated



Trethowan's
Bone Elevator
ST15-304-22 22 cm



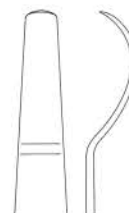
Bristow's
Bone Lever
ST15-292-23
23cm



Lane Bone Elevator
ST15-293-27 27 cm



ST15-289-02
14cm



ST15-285-06

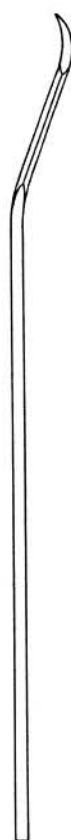


ST15-285-08

Mini-Hohmann
16cm



Hohmann
ST15-311-08
8mm



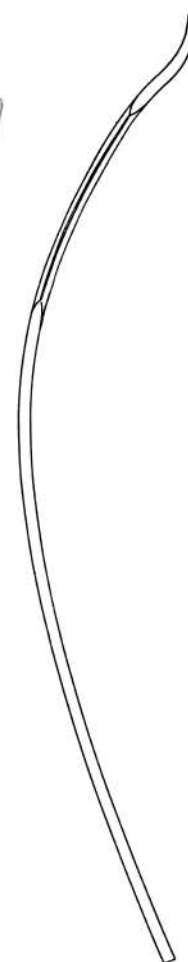
Hohmann
ST15-312-18
18mm



Hohmann
ST15-313-43
43mm



Hohmann
ST15-313-70
70mm





Hohmann
ST15-315-01
43mm

Hohmann
ST15-315-02
22mm

Hohmann
ST15-315-03
33mm

Hohmann
ST15-315-04
24mm

Lange-Hohman
ST15-315-05
22mm

Bisturies para meniscos

Meniskotome

Bisturi per menisco

Bistouries a menisques



Freer D Septum Knife
ST15-521-15 15cm



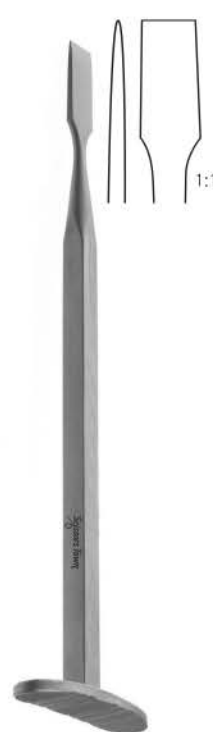
Bircher Meniscotomy Knife
ST15-522-19 19cm



Downing Cartilage Knife
ST15-523-25 25.5cm
Curved tip, Straight shaft



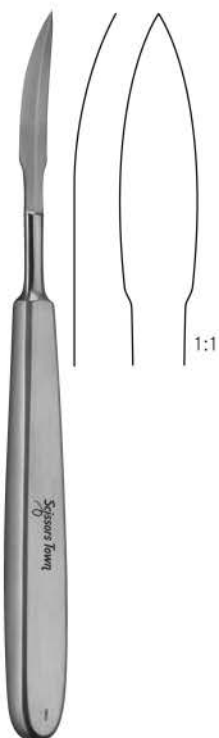
Matson Meniscotomy Knife
ST15-526-22 22 cm



Smillie Meniscotomy Knife
ST15-527-16
16cm Straight Shaft
Blade tip width is 7.8mm
Straight tip



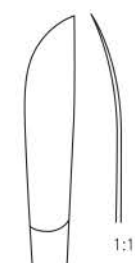
Smillie Meniscotomy Knife
ST15-528-16
16cm Curved Shaft
Blade tip width is 7.8mm
Curved left tip



Meniscotomy Knife
ST15-531-18 18cm



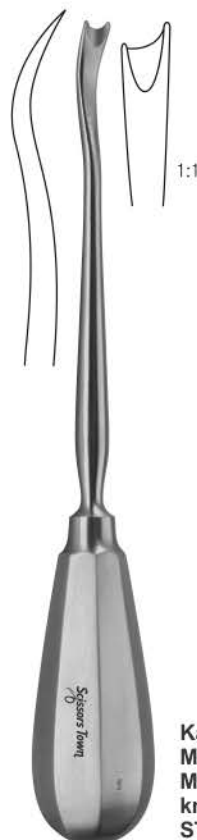
Neff Meniscotomy Knife
22cm



ST15-532-01
left



ST15-532-02
right



Kanadisches Modell Meniscotomy knife
ST15-533-01 20cm



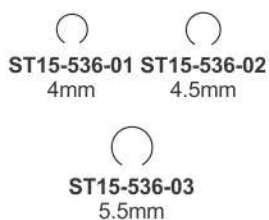
Kanadisches Modell Meniscotomy knife
ST15-533-02 20cm

Sehnenstripper
Instruments a ecorcher les tendons

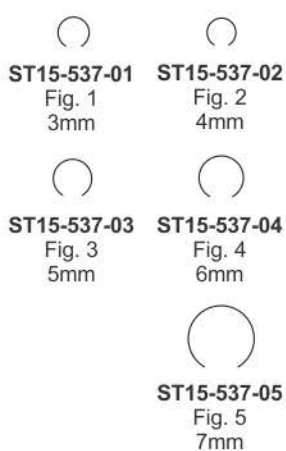
enucleadores de tendones
Scollatendini



Bunnell Tendon Strippers
23cm
Malleable shaft



Bunnell Tendon Strippers
15.2cm



Fischer Tendon Strippers
ST15-538-31
31cm



Bunnell Tendon Strippers
ST15-539-23 23cm
Tendon passer



Kleinert-Kutz Tendon Retriever
ST15-543-20 20cm
Serrated



Kleinert-Kutz Tendon Retriever
ST15-544-20 20cm
Serrated, flexible shaft



Brand Tendon Tunelling Forceps

ST15-545-15 15 cm
ST15-545-19 19 cm
ST15-545-24 24 cm
Straight, serrated
2 x 3 teeth

Extracción de uñas, taladros de uñas y cortador de anillos

Nagelextraktion, Nagelbohrer & Ringschneider

Estrazione delle unghie, frese per unghie e taglia-anelli

Extraction d'ongles, perceuses à ongles et coupe-anneaux



Nail Extracting Forceps
ST15-548-14 14 cm



Nail Extracting Forceps
ST15-549-14 14.5 cm



Nail Extractor
ST15-550-16 16 cm
with Longitudinal Groove
(for Intramodullary Gliding Nails)



Nail Splitting Forceps
ST15-551-13
13.5 cm



Finger Nail Drill
with 3 drill points
ST15-554-00

ST15-554-01 ST15-554-02 ST15-554-03

Drill points only



Ring Cutter
ST15-556-17
17 cm



Saw Blade Only
for ST15-556-01



Ring Cutter
ST15-557-17
17 cm



Saw Blade Only
for ST15-557-01



Tendon Tunelling Forceps
ST15-560-13 13cm



Tendon Tunelling Forceps



Tendon Tunelling Forceps



Brand Tendon Forceps
ST15-563-15 15 cm
ST15-563-19 19 cm
ST15-563-24 24 cm



Carroll Tendon Forceps
ST15-564-13 13 cm
Curved Shaft
2 mm x 6 mm



Lead Hand
ST15-567-00
Adult Size

Alicates de ortodoncia
Pinze ortodontiche

Kieferorthopädische Zange
Pinces orthodontiques



ST15-571-14
14 cm
Cross serrated

Flat Nose Pliers



ST15-572-19
19 cm
Serrated

Flat Nose Pliers



Flat Nose Pliers
ST15-573-13
13.5cm
Broad, 4mm tip,



Flat Nose Plier
ST15-574-18
18 cm



Needle Nose Pliers
ST15-575-13 13.5cm



Flat Nose Pliers
ST15-576-15
15cm Delicate, 1.5mm tip



K-Wire Extraction Pliers
W/Screw Lock
ST15-579-13
13cm 3mm tip



Pin Puller W/ Groove TC
ST15-580-14 14cm



**Synthes Inserter/Extractor
with Adjustable Clamps
ST15-581-00**



**Extractor Plier
ST15-582-13 13 cm**



**Rounded Pliers
ST15-583-15 15cm
with Serrated jaw**



**Plier
ST15-584-15 15cm
with serrated
jaw & without groove**



**Plier
ST15-585-15 15cm
with serrated
jaw & groove**



**Wire Bender
ST15-586-20
20cm**

Alicates Técnicos | Technische Zangen
Pinze tecniche | Pinces techniques



Flat Nose K-Wire Pliers
ST15-587-14 14 cm
ST15-587-17 17 cm



Utility Technical Forceps Pliers
ST15-589-19 19cm adjustable



Vital Heavy Duty Pliers TC
ST15-590-22 22cm
Grip Forceps, Combined with cutter



Vital Wire Extraction Pliers T.C
ST15-592-05 5mm
ST15-592-07 7mm
18cm



Flat Nosed Plier
ST15-595-18 18 cm
parallel, with lateral wire cutter



Needle-Nose Locking Pliers
ST15-596-01



Needle-Nose Locking Pliers
ST15-597-01



Needle-Nose Locking Pliers
ST15-598-01



Wire Bending Forceps
ST15-601-18 18.5cm



Flat Nose Plier
ST15-602-18 18.5cm
parallel grip, incorporated
cutter, for hard wires up to
1.6mm



Hercules Type Wire Cutter
ST15-603-18
18cm



Locking Plier
ST15-607-22 22cm
ST15-607-25 25cm
ST15-607-30 30cm
Locking Plier, only
ST15-608-30 30cm
with holding pins
ST15-608-46 46cm
with extraction device



Locking Plier
ST15-604-18 18cm
ST15-604-20 20cm
ST15-604-24 24cm



Plate Bending Plier
ST15-605-20 20cm
for plates up to 2.7mm
ST15-605-24 24cm
for plates up to 4mm



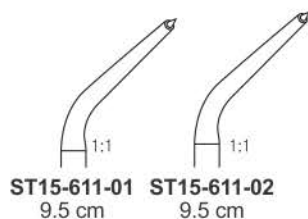
Hercules Type Wire Cutter
ST15-606-28
28cm

Pinzas para huesos - pinzas para reposicion

Knochenhaltezen - Repositionszangen

Tenaglie per ossa - Pinze per riposizioni

Daviers porte-so-pinces de reposition



Bone Holding forceps



Bone Reduction Forceps
ST15-612-13 13.5 cm



Bone Reduction Forceps
ST15-613-13 13.5 cm
for maxillary reposition



Bone Reduction Forceps
ST15-614-20 20 cm
Pointed tips



Stagbeetle Bone Reduction Forceps
ST15-615-13
Pointed tips, 13 cm



Haase
ST15-616-16 16.5 cm
for mandibular fractures



Reill Bone Holding Forceps
ST15-617-17 17 cm



Glenoid Perforating Forceps
ST15-618-17 17 cm
Lightly curved, pointed tips
Strongly curved, pointed tips

Knochenhaltezen - Repositionszangen

Pinzas para huesos - pinzas para reposicion

Daviers porte-so-pinces de reposition

Tenaglie per ossa - Pinze per riposizioni



Bone Reduction Forceps
ST15-621-14 14cm



Locke Phalangeal Forceps
ST15-622-14 14cm



Lewin Perforating Bone Holding Forceps
ST15-623-17 17.5cm
serrated



ST15-624-13
13.5 cm
Angled Serrated



Bone Reduction Forceps
ST15-625-14 14 cm Curved
ST15-626-15 15 cm Serrated



Bone Reduction Forceps,
Pointed Tips
ST15-627-14 14 cm Serrated
ST15-628-14 14 cm Curved
ST15-628-17 17 cm Curved



Malleolar Bone Holding Forceps
ST15-629-21 21 cm
Straight, 1 x 1 teeth

Pinzas para huesos - pinzas para reposicion

Knochenhaltezen - Repositionszangen

Tenaglie per ossa - Pinze per riposizioni

Daviers porte-so-pinces de reposition



Plate & Bone Holding Forceps
ST15-633-14 14 cm



Plate & Bone Holding Forceps
ST15-634-14 14 cm
Curved



Fibula Bone Holding Forceps
ST15-635-22 22 cm



**Wilkinson Orthopaedic
Locking Forceps**
ST15-636-21 21.5 cm
Straight, 1 x 1 teeth



Bone Holding Forceps
ST15-637-01



Bone Holding Forceps
ST15-638-01



Bone Holding Forceps
ST15-639-01



Meniscus Clamp
ST15-642-01 13.5cm
Serrated



Meniscus Clamp
ST15-642-02 13.5cm
Angled 20°, serrated



Meniscus Clamp
ST15-643-18 18cm
Straight, Curved shaft



**Preston Logamentum
Flavum Forceps**
ST15-644-19 19 cm
Curved, 1 x 2 teeth



Dingman
Bone Holding Forceps
light pattern, angled to side.
ST15-645-01
19cm



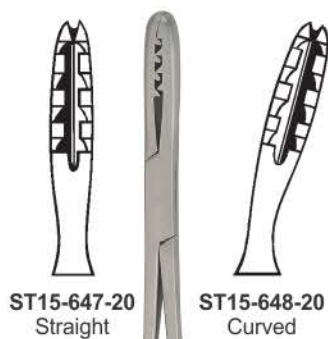
Dingman
Bone Holding Forceps
heavy pattern, one jaw slotted
angled to side,
ST15-645-02
19cm

Pinzas para huesos
Tenaglie per ossa

Knochenhaltezen
Daviers porte-so

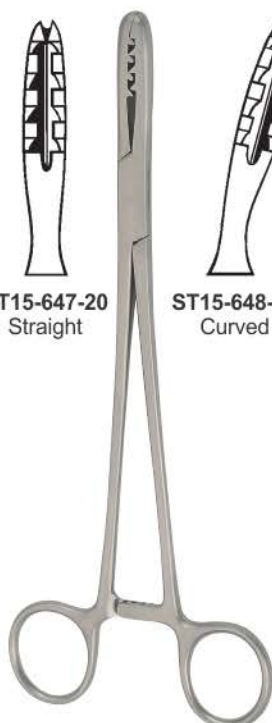


**Martin Cartilage Bone Holding
Clamp Forceps**
ST15-646-19 19 cm
Straight

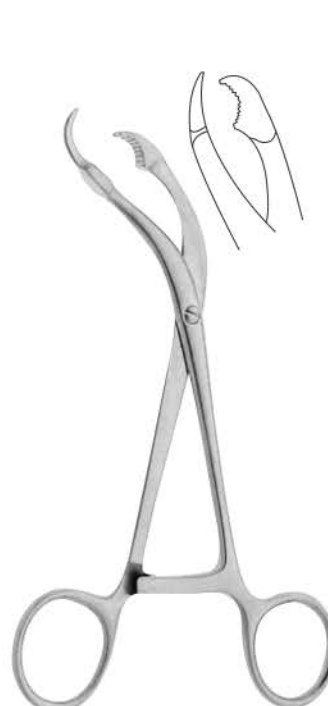


ST15-647-20
Straight

ST15-648-20
Curved



Bircher-Ganske
20cm
Bone Holding Forceps



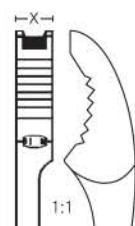
**Verbrugge Bone Holding
Forceps**
ST15-651-18 18 cm



**Verbrugge Bone Holding
Forceps**
ST15-652-25 25 cm
ST15-652-26 26 cm
ST15-652-27 27 cm



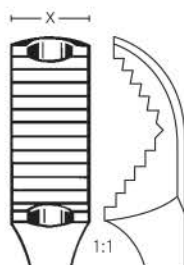
Verbrugge Bone Holding Forceps



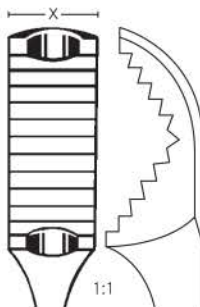
ST15-653-05
17.5 cm
5.0mm



ST15-653-09
25 cm
9.5mm



ST15-653-10
26 cm
10.5mm



ST15-653-12
27 cm
12mm



**Verbrugge Bone Holding
Forceps**
ST15-654-18 18 cm



Pelvic Reposition Forceps
ST15-657-19 19 cm
ST15-657-23 23 cm



Pelvic Reposition Forceps
ST15-658-25 25 cm



Pelvic Reposition Forceps
ST15-659-25 25 cm
3 Balls Spikes



Pelvic Reposition Forceps
ST15-660-40 40 cm



Pelvic Reposition Forceps
ST15-661-40 40 cm



Pelvic Reduction Forceps Asymmetric
ST15-662-25 25 cm
with 3 ball Spikes



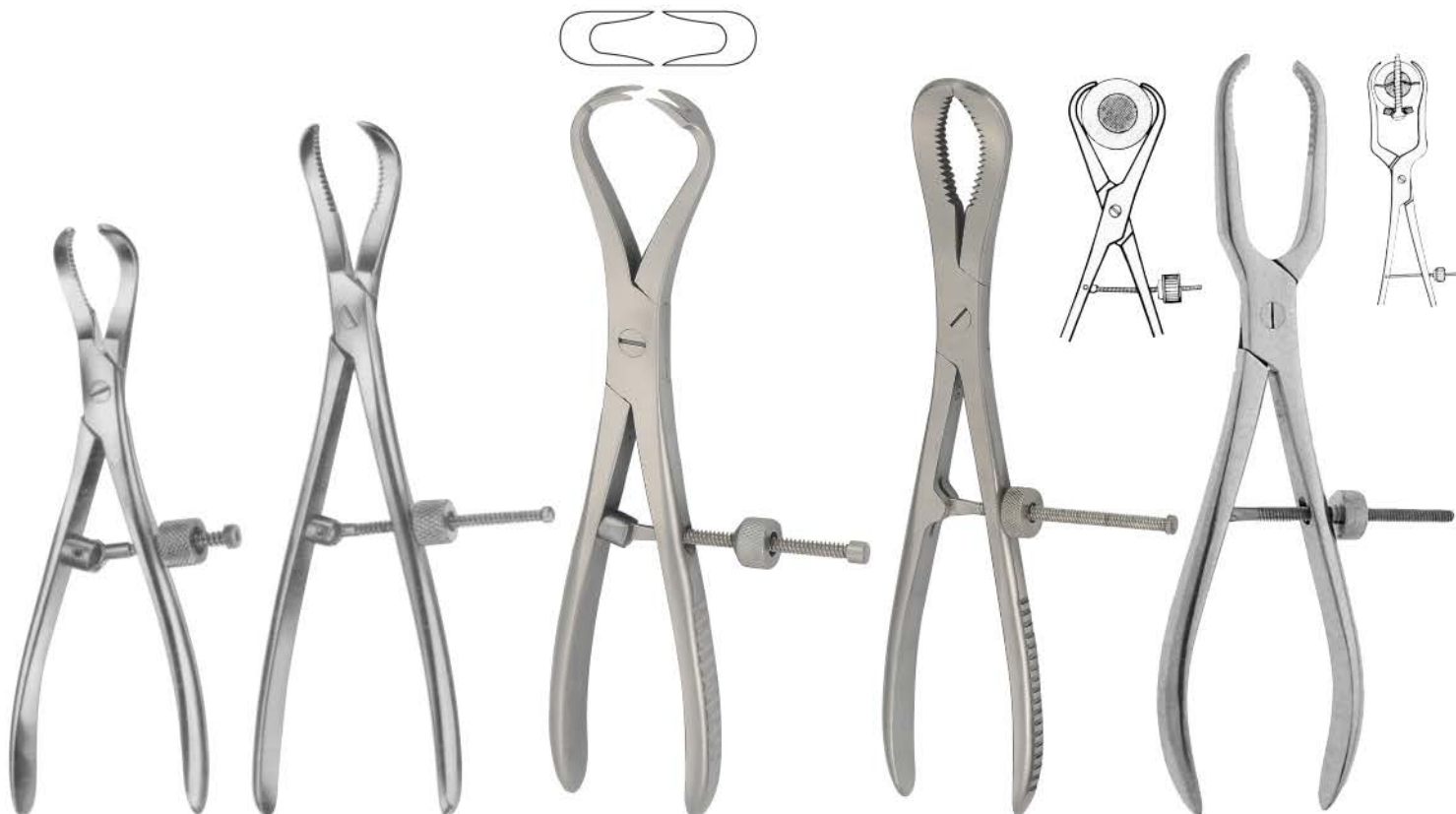
Pelvic Reduction Forceps Asymmetric
ST15-663-25 25 cm



Pelvic Reduction Forceps Asymmetric
ST15-664-40 40 cm

Pinzas para huesos
Tenaglie per ossa

Knochenhaltezen
Daviers porte-so



ST15-665-16
Forceps with
thread fixation
16cm

ST15-666-22
Forceps with
thread fixation
22cm

Patella Malleolar Forceps
ST15-667-21 21 cm

Reduction Forceps
ST15-668-16 16 cm
ST15-668-24 24 cm
with Thread Lock

Reposition Forceps
ST15-669-23 23 cm

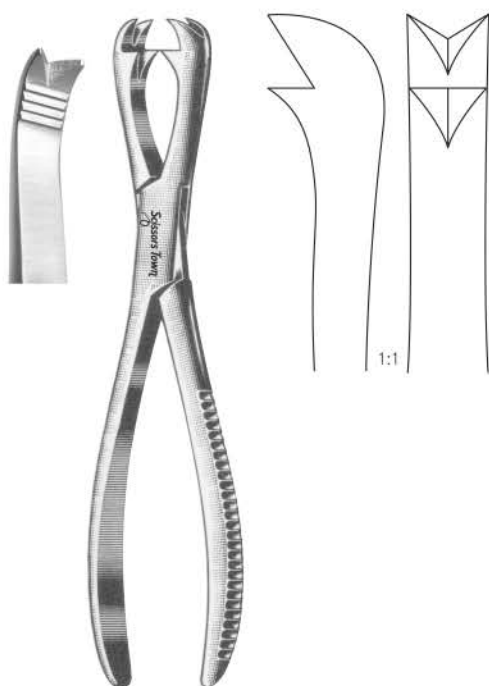


Pelvic Reposition Forceps
19 cm
ST15-671-01 3,5 mm for Screws
ST15-671-02 4,5 mm for Screws

Bone Holding Forceps
ST15-672-01

Lane Bone Holding Forceps
ST15-673-31 31.5 cm
ST15-673-39 39 cm

Subacromion Spreader
ST15-674-01 27cm Right
ST15-674-02 27cm Left



Fergusson Bone Holding Forceps
ST15-678-21 21 cm
2 x 2 teeth



Van Buren Sequestrum Forceps
ST15-679-23 23 cm
Curved on side, serrated



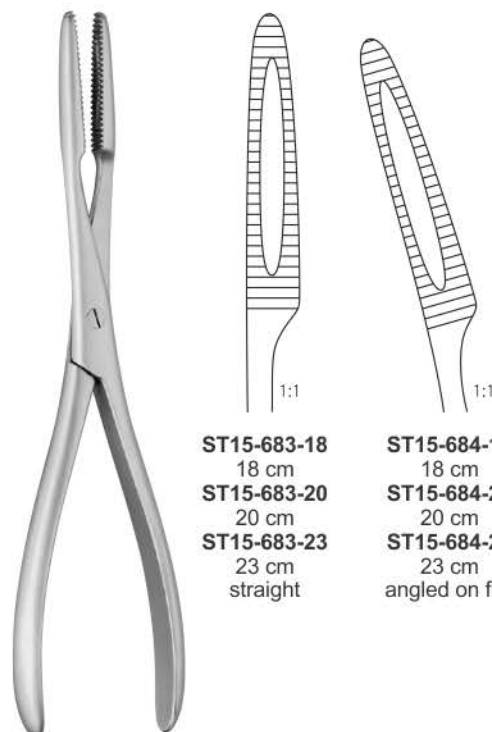
Langenbeck Bone Holding Forceps
ST15-680-21 21 cm



Semb Bone Holding Forceps
ST15-681-19 19 cm without ratchet
curved sideways deep teeth



Semb Bone Holding Forceps
ST15-682-20 20.3cm with ratchet
curved sideways deep teeth



ST15-683-18 18 cm
ST15-683-20 20 cm
ST15-683-23 23 cm
straight

ST15-684-18 18 cm
ST15-684-20 20 cm
ST15-684-23 23 cm
angled on flat

Pinzas para huesos
Tenaglie per ossa

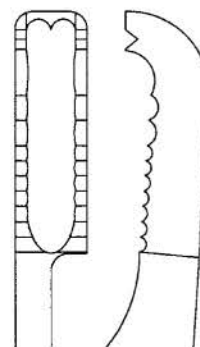
Knochenhaltezangen
Daviers porte-os



Farabeuf Bone Holding Forceps
ST15-685-23 23 cm
ST15-685-26 26 cm
with adjustable jaw



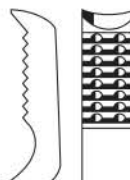
Farabeuf-Lambotte Bone Holding Forceps
ST15-686-26 26 cm
with adjustable jaw



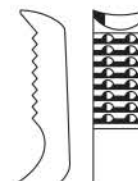
Farabeuf-Lambotte Bone Holding Forceps
ST15-687-26 26 cm
with adjustable jaw



Bishop Bone Clamp
ST15-688-22 22.5cm
Straight



Kern Bone Holding Forceps
ST15-689-17 17 cm
ST15-689-24 24 cm
without ratchet



Kern Bone Holding Forceps
ST15-690-17 17 cm
ST15-690-24 24 cm
with ratchet



Hey Groves Bone Holding Forceps

ST15-692-21 21 cm
ST15-692-27 27 cm
ST15-692-30 30 cm



Lane Bone Holding Forceps

ST15-693-01 33 cm 11 mm tip
ST15-693-02 33 cm 13 mm tip
ST15-693-03 43 cm 13.5 mm tip
with Ratchet



Lane Bone Holding Forceps

ST15-694-01 33 cm 10 mm tip
ST15-694-02 33 cm 13 mm tip
ST15-694-03 43 cm 12 mm tip
without ratchet



Lambotte Bone Holding Forceps

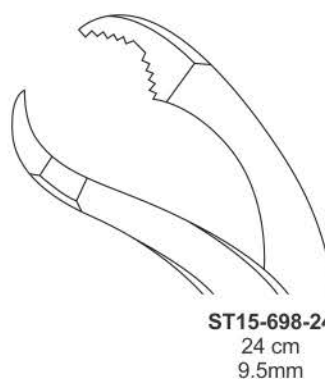
ST15-697-22 22 cm
ST15-697-27 27 cm
ST15-697-30 30 cm
One Jaw Mobile
adjustable jaw



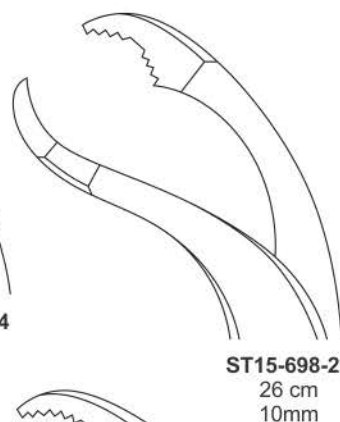
ST15-698-15
15 cm
2.5mm



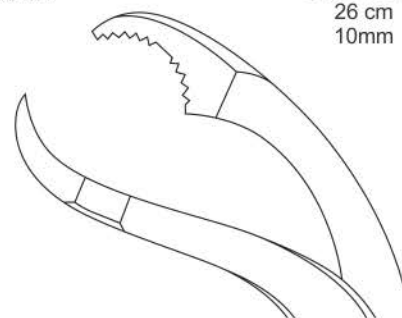
ST15-698-19
19 cm
6.5mm



ST15-698-24
24 cm
9.5mm



ST15-698-26
26 cm
10mm



ST15-698-28
28 cm
11mm

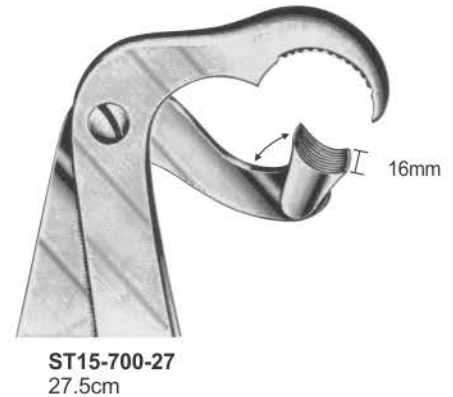
Lambotte Bone Holding Forceps
Self-Centering, with speed lock

Pinzas para huesos
Tenaglie per ossa

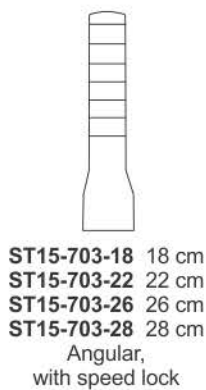
Knochenhaltezenzen
Daviers porte-so



LAMBOTTE
ST15-699-22 - ST15-699-33



Ulrich Bone Holding
Forceps



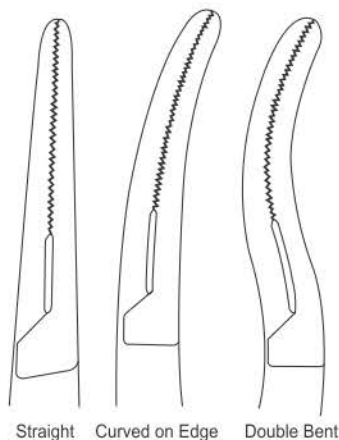
ST15-704-23 23cm
ST15-704-25 25cm
ST15-704-28 28cm
Ulrich Bone Holding forceps
straight



ST15-705-23 23cm
ST15-705-25 25cm
ST15-705-28 28cm
Ulrich Bone Holding Forceps
angled to side

Knochenhaltezange & Drahtzange
Pincas à os et pincas à fil

Fórceps de sujeción de huesos y fórceps de alambre
Knochenhaltezange & Drahtzange



Straight Curved on Edge Double Bent

Collin Bone Holding Forceps

20 cm

ST15-707-01 Straight

ST15-707-02 Curved on Edge

ST15-707-03 Double Bent



Collin Bone Holding Forceps

ST15-708-19 19 cm

Lion Jaw



Collin Bone Holding Forceps

ST15-709-19 19.5 cm

Toothed Jaw



ST15-712-01

Set includes:

Hooked Jaws: 1 pair

Serrated Jaws: 3 pairs

Sizes: 32, 51 and 57 mm



Charnley's Bone Holding Forceps

ST15-712-00

With One Pair Hooked Jaws
Three Pairs Serrated Jaws



Kirschner Wires

ST15-716-17 17 cm

For fingers, with drill

Guide up to 1 mm



Wire Forceps

ST15-717-17 17 cm

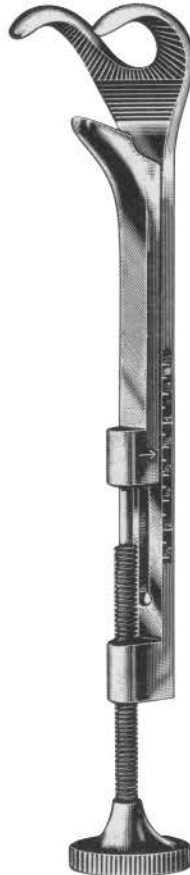
Straight, serrated 5.4 mm tip

Abrazaderas de sujeción de huesos
Morsetti portaossa

Knochenhalteklammern
Pincas à os



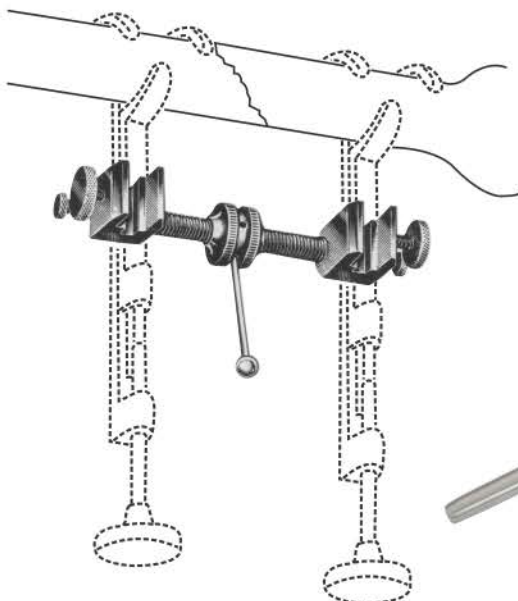
Lowmann Bone Clamp
ST15-720-14 14cm
ST15-720-18 18cm 28mm
ST15-720-20 20cm 35mm
ST15-720-22 22cm 40mm
1x2 Jaws



LOWMAN-GERSTER
ST15-721-20 20cm



LOWMAN-HOGLUND
ST15-722-19 19cm



Gerster Bone Holding Clamp
ST15-723-15 15cm



Gerster Bone Holding Clamp
ST15-725-02



Parham-Martin Bone Clamp
ST15-727-21
21cm
Straight



Parham Martin Bands
ST15-728-19
19cm



Friedmann
ST15-741-14
14cm

ST15-742-01
light curve

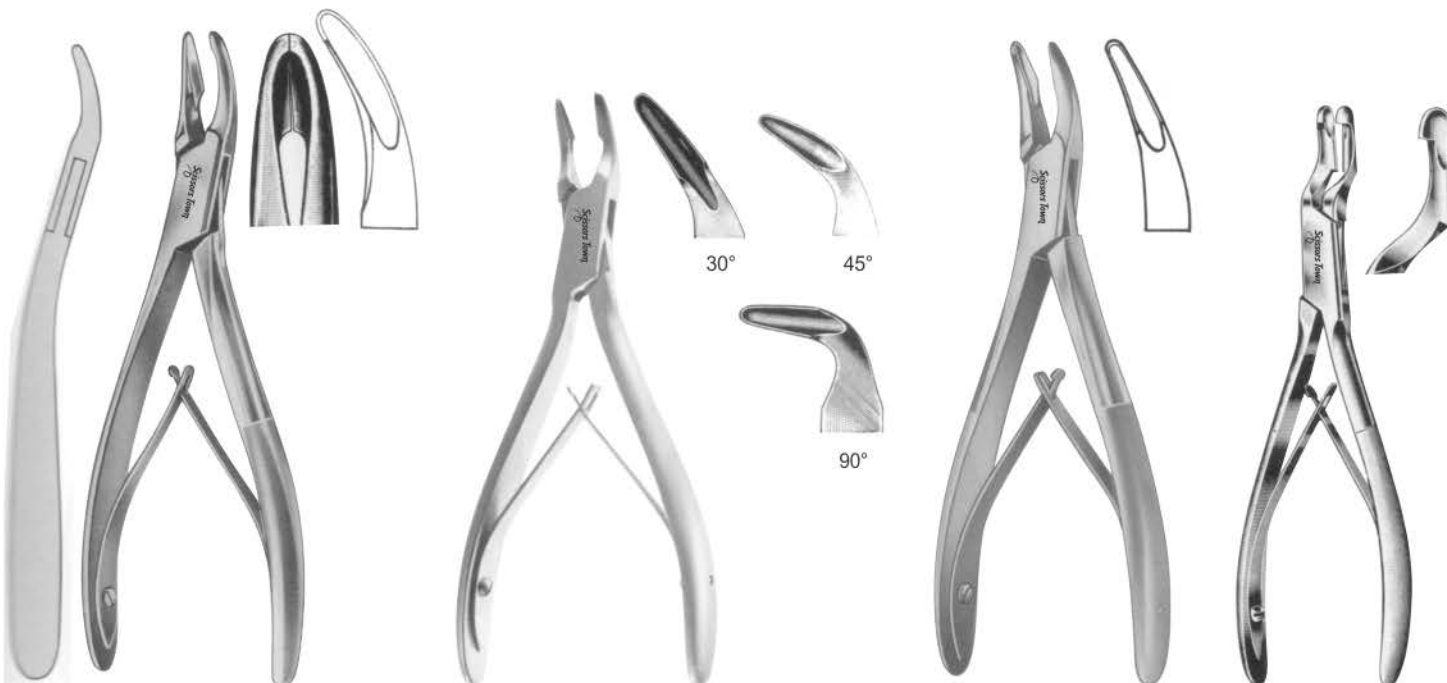
ST15-742-02
strong curve

Rongeurs Delicate
14cm
Jaws 2mm wide

Mead
ST15-743-14 #1 - 14cm
ST15-743-17 #1A - 17cm

Mead
ST15-744-17
#2A, 17cm

Mead
ST15-745-14 #4 - 14cm
ST15-745-17 #4A - 17cm



SCHELL
ST15-746-17
17cm

Blumenthal
ST15-747-30
ST15-747-45
ST15-747-90
16cm

Hartmann
ST15-748-16
16cm

Cohen
ST15-750-14
14cm

Pinces-gouges
Pinze-sgorbie

Hohlmeißelzangen
Pinzas gubias



LUER
ST15-753-15
15cm



LUER
ST15-754-15
15.5cm



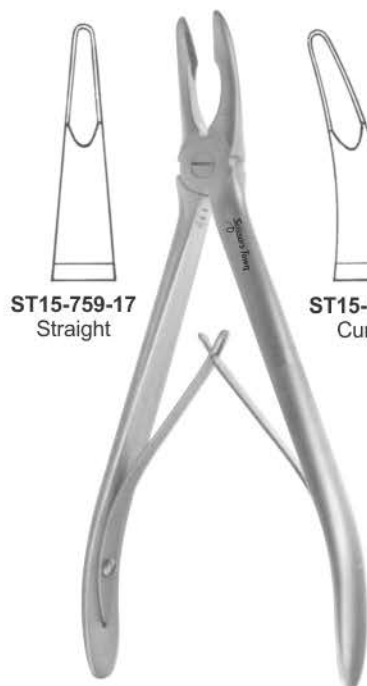
JANSEN
17.5cm



ST15-755-17 ST15-756-17



JANSEN
ST15-758-18
18cm



ST15-759-17
Straight



ST15-760-17
Curved



ZAUFAL
ST15-761-18
18cm



BEYER
18cm



ST15-762-02 ST15-762-03
2mm 3mm



LEMPERT
19cm



ST15-763-19 ST15-764-19

Hohlmeißelzangen
Pinzas gubias

Pinces-gouges
Pinze-sgorbie



HAKANSSON
ST15-766-15
15.5cm

BANE-HARTMANN
ST15-767-17
17.5cm

Defourmentel Rongeurs
ST15-768-19
slender beaks, straight,
jaws 3mm wide,
19cm

Cottle-Jansen Rongeurs
ST15-769-18
S-shaped, jaws 4mm wide,
18cm

Olivecrona
ST15-770-20
20cm



Kleinert-kutz Synovectomy
Rongeurs jaws 2mm wide
14cm

STELLBRINK Synovectomy
Rongeurs jaws 2mm wide
17cm

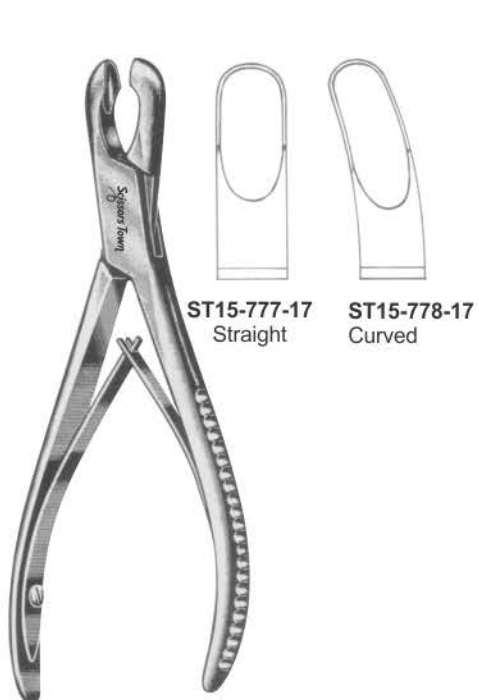
Fisch
17cm

ST15-775-01
right hand
8mm

ST15-775-02
left hand
8mm

Pinces-gouges
Pinze-sgorbie

Hohlmeißelzangen
Pinzas gubias



LUER
17cm



LUER
ST15-779-18
18.5cm



LUER
ST15-780-18
18cm



Adson Cranial Rongeur,
ST15-781-21
straight, jaws 8mm wide,
21cm



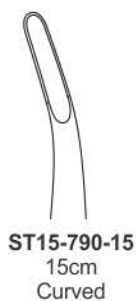
GULEKE
ST15-782-22
22cm



BACON CRANIAL RONGEUR,
ST15-784-20
Angled, jaws 7mm wide,
20cm



ST15-789-15
15cm
Straight



ST15-790-15
15cm
Curved

Bohler Bone Rongeur



ST15-791-15
2 x 13 mm

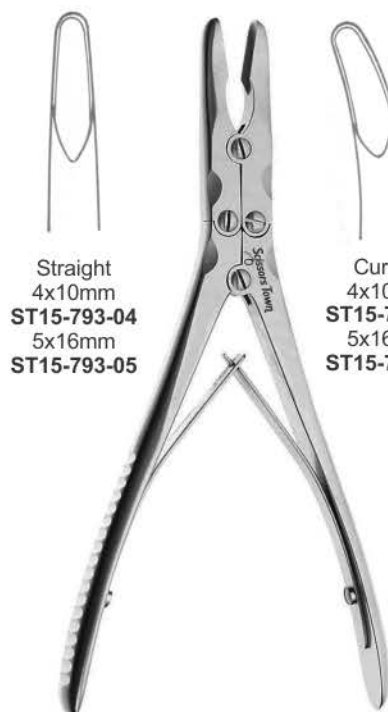
Kleinert-Kutz Bone Rongeur
15 cm



ST15-792-02
2mm

ST15-792-03
3mm

Ruskin-Mini Bone Rongeur
15cm Curved



Straight
4x10mm
ST15-793-04
5x16mm
ST15-793-05



Curved
4x10mm
ST15-794-04
5x16mm
ST15-794-05

Ruskin Bone Rongeur
18cm



ST15-795-24
Straight,
5 x 16mm

ST15-796-24
Curved
5 x 16mm

Ruskin Bone Rongeur
24cm



Beyer Bone Rongeur
18cm
ST15-797-03 3 x 14mm
ST15-797-04 4 x 15mm
Double action, Curved

Pinces-gouges
Pinze-sgorbie

Hohlmeißelzangen
Pinzas gubias



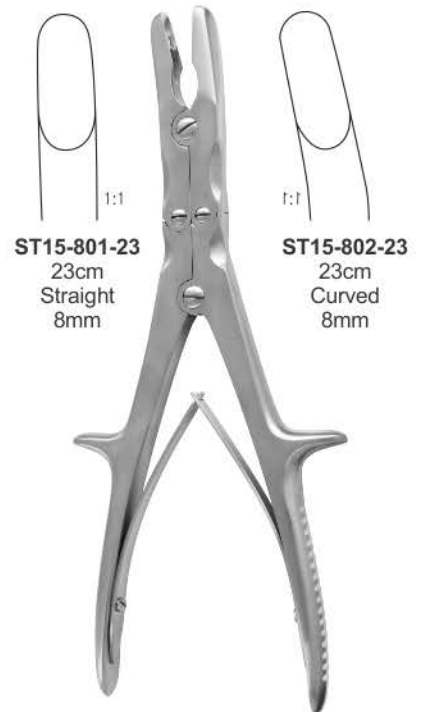
Zaufal-Jansen Bone Rongeur
ST15-798-18 18cm
Double action
Curved, 5x15mm



Marquardt Bone Rongeur
ST15-799-18 18cm



Mayfield Bone Rongeur
ST15-800-18 18cm



ST15-801-23
23cm
Straight
8mm

ST15-802-23
23cm
Curved
8mm

Stille-Ruskin Bone Rongeur



Smith-Peterson Laminectomy Rongeur
ST15-805-24 24cm
Double action,
straight 3 x 16mm



Smith-Peterson Laminectomy Rongeur
ST15-806-24 24cm
Double action
slightly curved 3 x 16mm

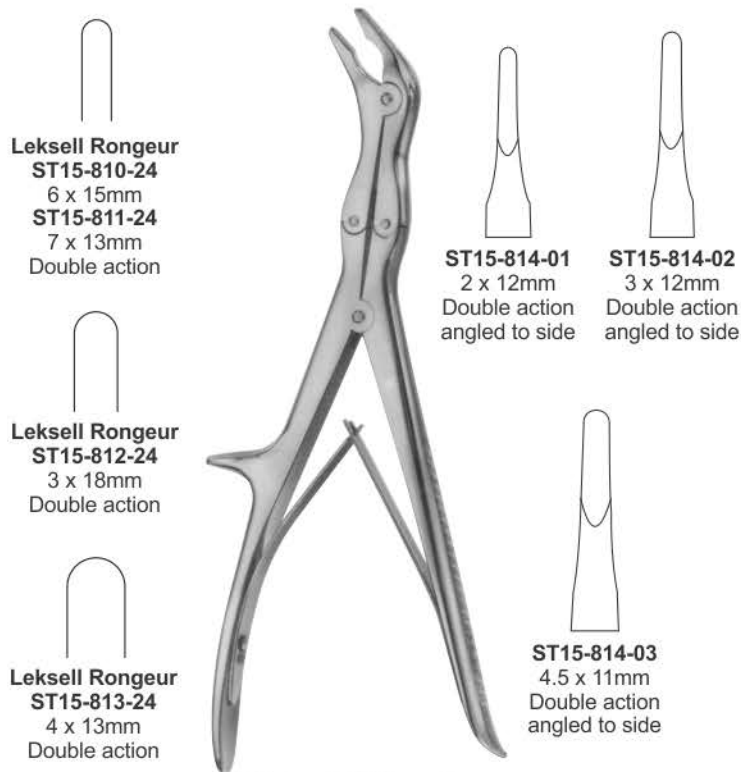


Smith-Peterson Laminectomy Rongeur
ST15-807-24 24cm
Double action
fully curved 3 x 16mm

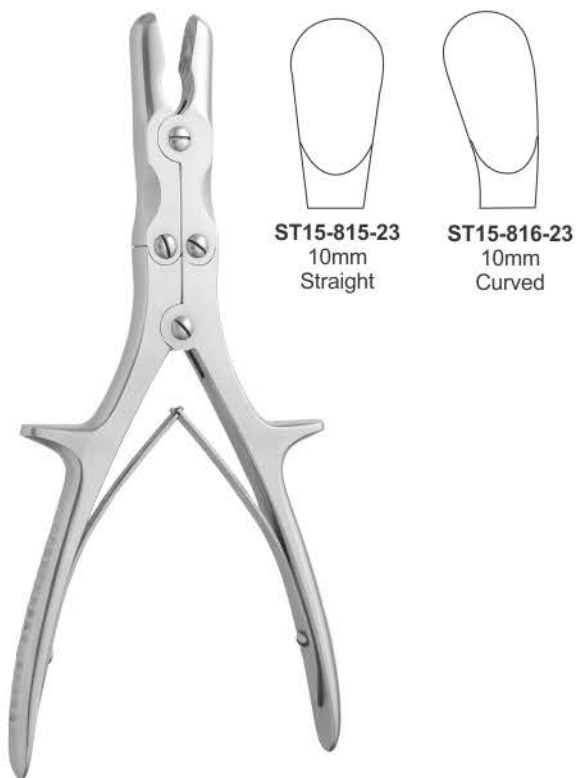


Stille Bone Rongeur
23cm

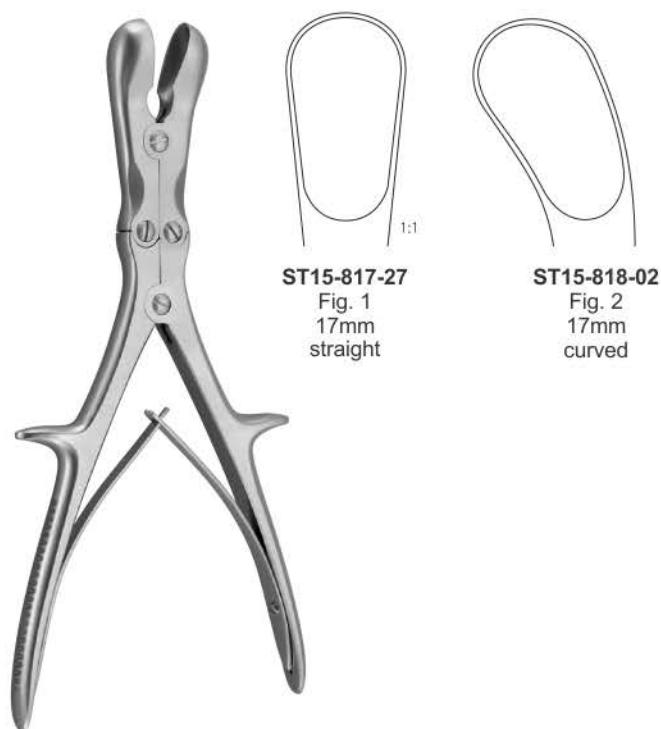
Leksell Bone Rongeur
24cm
Double action, fully curved



Echlin Duckbill Bone Rongeur
23cm



Stille-Luer Rongeur Forceps
23cm



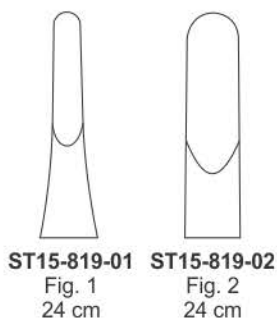
Luer-Stille Bone Rongeur
27 cm

Pinces-gouges
Pinze-sgorbie

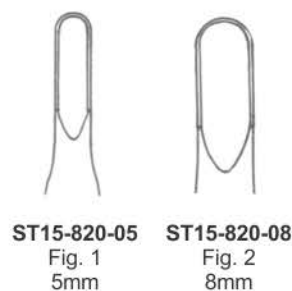
Hohlmeißelzangen
Pinzas gubias



Leksell-Stille Bone Rongeur



Leksell Bone Rongeur 23cm



Hakansson Bone Rongeur ST15-825-20 20cm



Stille-Luer Echlin Duckbill Rongeur 23cm
ST15-826-01 6 x 13mm
ST15-826-02 6 x 15mm
Double action angled to side



Stille-Leur Rongeur ST15-827-21 21.5cm
Double action angled to side 10 x 16mm



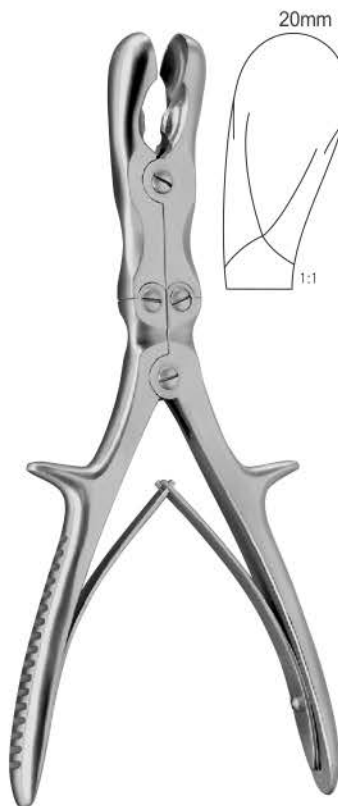
Sybert Rongeur
ST15-828-01 35cm 4 x 16mm
ST15-828-02 35cm 8 x 16mm
ST15-828-03 35cm 12 x 16mm
ST15-828-04 37cm 5 x 16mm
Double action, Angled

Hohlmeißelzangen
Pinzas gubias

Pinces-gouges
Pinze-sgorbie



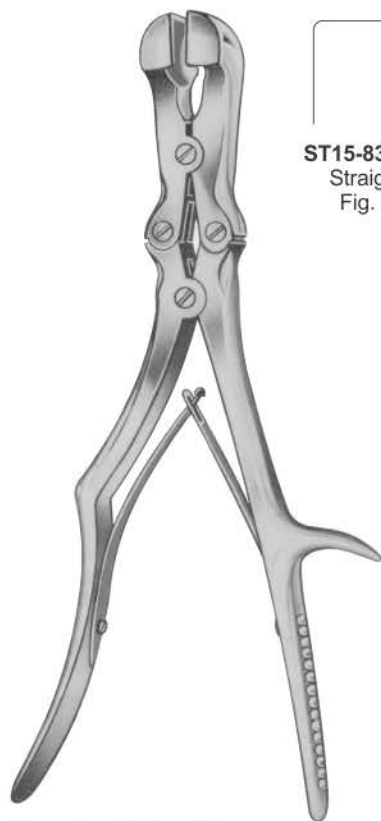
Rottgen-Ruskin Bone Rongeur
ST15-829-23 23cm



Semb Bone Rongeur
ST15-830-24 24cm



Frykholm Bone Rongeur
ST15-831-24 24cm



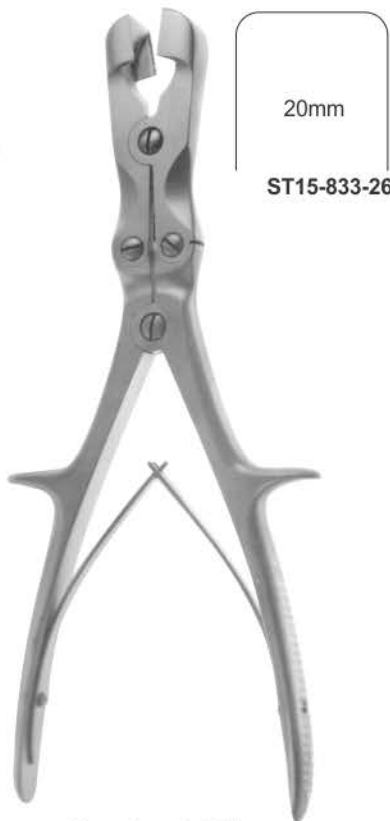
Sauerbruch Bone Rongeur
30 cm



ST15-832-01
Straight
Fig. 1



ST15-832-02
Round
Fig. 2



Sauerbruch-Stille
26cm



ST15-833-26



Sauerbruch-Stille
26cm

ST15-834-26

Pinzas cortantes para huesos
Cesoie per ossa

Knochensplitterzangen
Pinces coupantes a os



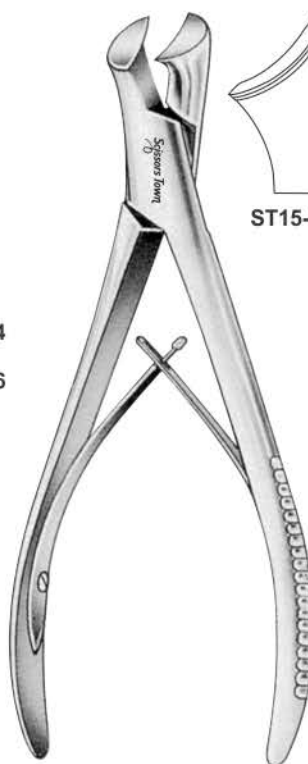
ST15-841-15
15 cm
Straight

Littauer / Liston Bone
Cutting Rongeur Forceps



4mm
ST15-842-04
6mm
ST15-842-06

Cleveland Gardner Bone Cutting
Forceps
16cm



ST15-843-20

Markwalder Bone Cutting
Forceps
20cm



Cottle-Kazanjian Bone
Cutting Rongeur Forceps
ST15-845-19 19 cm



ST15-846-15
15 cm
curved



ST15-846-17
17 cm
curved

Cleveland Bone Cutting
Rongeur Forceps



ST15-847-14 14 cm
ST15-847-17 17 cm
ST15-847-19 19 cm
ST15-847-20 20 cm
ST15-847-22 22 cm
Straight

Liston Bone Cutting
Rongeur Forceps



ST15-848-14 14 cm
ST15-848-17 17 cm
ST15-848-19 19 cm
ST15-848-22 22 cm
Angled

Liston Bone Cutting
Rongeur Forceps



ST15-851-15 ST15-852-15
Straight Angled

Bohler Bone Cutting Forceps
15cm



ST15-854-15

Bone Cutting Forceps
15 cm



ST15-855-15 ST15-856-15
Straight Angled

Walton-Liston Bone Cutting Rongeur Forceps
15cm



Liston-mini
ST15-857-15
15cm



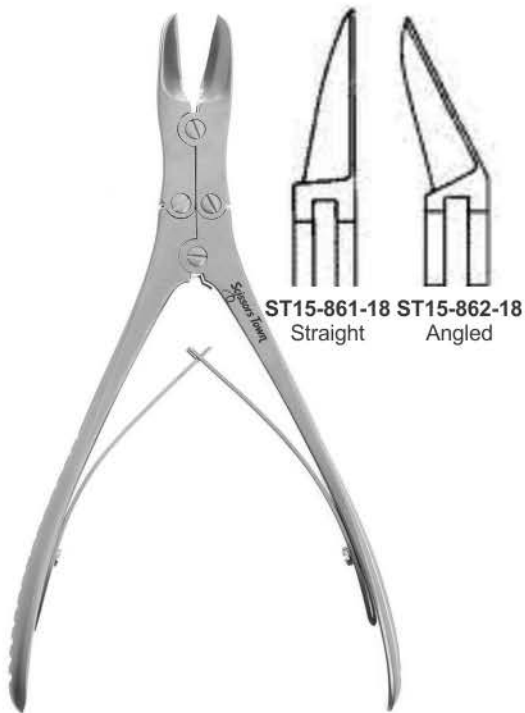
Liston-mini
ST15-858-15
15cm



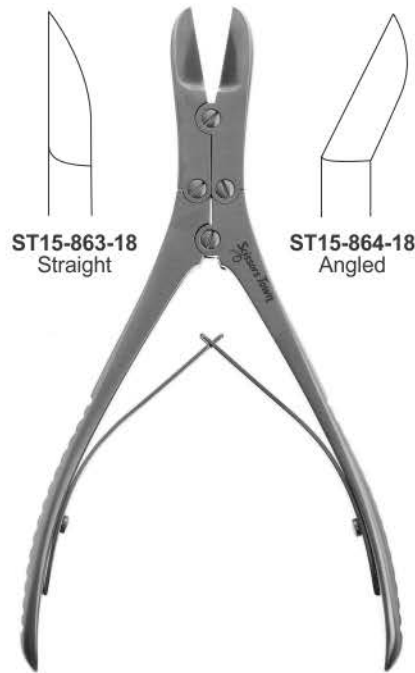
Kleinert-Kutz
ST15-859-15
15cm

Pinzas cortantes para huesos
Cesoie per ossa

Knochensplitterzangen
Pinces coupantes a os



**Mc Indoe Bone Cutting
Rongeur Forceps**
18cm



**Ruskin-Liston Bone Cutting
Forceps**
18.5cm



**Ruskin Bone Cutting
Rongeur Forceps**
ST15-865-20 20 cm



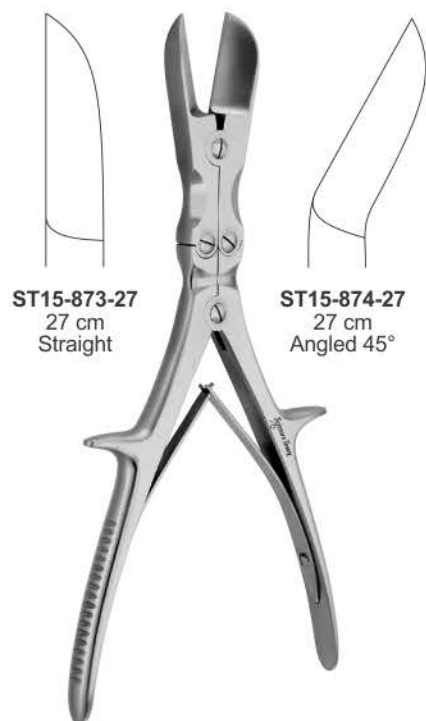
**LISTON
ST15-870-23**
curved on flat
23.5cm



**LISTON
ST15-871-28**
straight
28cm



**LISTON
ST15-872-27**
curved on flat
27.5cm



Stille-Liston Bone Cutting Forceps



Stille-Liston Bone Cutting Rongeur Forceps



Stille-Horsley Bone Cutting Forceps
ST15-876-24 24 cm



Horsley Bone Cutting Rongeur Forceps
ST15-877-25 25 cm



Semb Bone Cutting Rongeur Forceps
ST15-878-24 24 cm

Alicates para cortar alambre
Pinze taglia Filo

Drahtschneidezangen
Pincas coupantes



Delicate Wire Cutter
ST15-885-12 12.5cm
Side cutting w/ carbide inserts
max capacity. 0.7mm 028"



Wire Cutter
ST15-886-15 15cm
for hard wires up to 1mm,
for soft wires up to 1.5mm
tungsten carbide inserts



Side Cutter
ST15-887-18 18.5cm
Carbide jaws
max capacity. 1.6mm 062"



Wire Cutter
ST15-890-14 14.5cm
for hard wires up to 1mm,
for soft wires up to 1mm
tungsten carbide inserts



Side Wire Cutter
ST15-891-18 18cm
for hard wires up to 1.5mm,
for soft wires up to 2mm
ST15-891-22 22cm
for hard wires up to 2.2mm,
for soft wires up to 2.8mm
tungsten carbide inserts



Side Wire Cutter angled
ST15-892-22 22cm
for hard wires up to 2.2mm,
for soft wires up to 2.8mm
tungsten carbide inserts



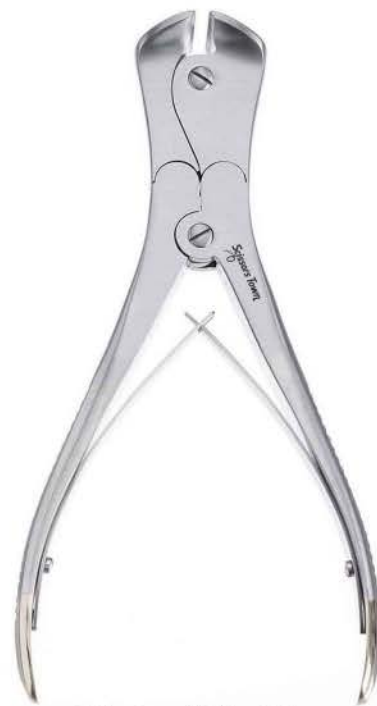
S Line side Wire Cutter
ST15-893-23 23cm
for hard wires up to 2.2mm,
for soft wires up to 3mm
tungsten carbide inserts



Front And Side Wire Cutter
ST15-896-18 18cm
 for hard wires up to 1.7mm,
 for soft wires up to 2mm
 tungsten carbide inserts



Wire Cutter
ST15-899-17 17cm
 carbide inserts,
 double action. Max capacity. 1.6mm 062"



S Line Front Wire Cutter
ST15-901-22 22cm
 for hard wires up to 2.2mm,
 for soft wires up to 3mm
 tungsten carbide inserts



Hard Wire Cutter Cuts
ST15-903-26 26cm
 for hard wires up to 3mm



Cannulated Wire / Pin Cutter
ST15-905-19 19 cm
 Cuts wire upto 1.6 mm



Plate Cutting Forceps
 Up To 1mm
ST15-907-24 24 cm Straight



Hand-Held Rod Cutter
ST15-911-00 Straight,
 Cuts rods
 4.76mm to 6.35mm



Table Top Rod Cutter
ST15-912-00 70cm
 Cuts rods from:
 4.76mm to 6.35mm

Alicates para cortar alambre
Pinze taglia Filo

Drahtschneidezangen
Pinces coupantes



Front Pin Cutter Small
ST15-916-26 26cm
Max cap: 3.2mm



Front Pin Cutter Medium
ST15-918-36 36.5cm
Max cap: 4.7mm



Side Pin Cutter Large
ST15-920-57 57.5cm
Side cutting,
Max. capacity 4.0mm



Side Pin Cutter Large
ST15-922-57 57.5cm
Side cutting w/ carbide inserts
Max. capacity 6.3mm



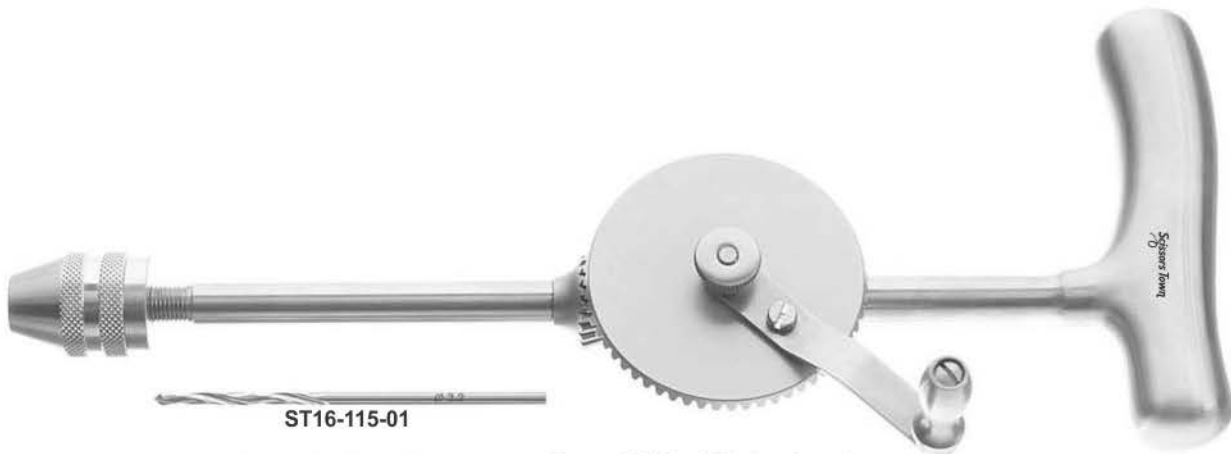
Bunnell Drill
ST16-105-00 16cm
Opening up to 4mm
ST16-105-01 spare key
light metal housing
longitudinally cannulated



Ralk Drill
ST16-110-00 16cm
Opening up to 6.35mm
light metal housing
longitudinally cannulated

Perforadores de mano
Perforatori a mano

Handbohrapparate
Perforateurs a main



ST16-115-01

ST16-115-02

Moore Drill And Bit Set Complete
ST16-115-00
with 2 drill



Stille Hand Drill
ST16-120-00 20cm
Complete with 9 twist drills
(Fig. 1 to Fig. 9)
ST16-120-50
Complete with 12 twist drills
(Fig. 000 to Fig. 9)



HUDSON

ST16-125-00 8 burs **ST16-126-01 to ST16-126-08**

ST16-125-10 28cm

Hand drill, complete set, with improved snap lock chuck and 4 burs **ST16-126-01 to ST16-126-04**

ST16-125-01

Brace Only

ST16-125-02

Drill Chuck Only



HUDSON

ST16-127-00 8 burs **ST16-126-01 to ST16-126-08**

ST16-127-10 27cm

Hand drill, complete set, consisting of trepanning brace, cerebellar attachment and 4 burs **ST16-126-01 to ST16-126-04**

ST16-127-01

Brace Only

ST16-127-02

Cerebellar attachment only



1:2

Huson Hand
drill bit
Fig.1
ST16-126-01
9mm



1:2

Huson Hand
drill bit
Fig.2
ST16-126-02
14mm



1:2

Huson Hand
drill bit
Fig.3
13-102-03
16mm



1:2

Huson Hand
drill bit
Fig.4
ST16-126-04
22mm



ADSON
ST16-126-05
Ø 15mm



1:2

McKenzie
Hand drill bit
ST16-126-06
13mm



1:2

Cushing
Hand drill bit
ST16-126-07
14mm



Ø 2mm
ST16-126-08

Perforadores de mano
Perforatori a mano

Handbohrapparate
Perforateurs a main



Hand Drill
ST16-131-00
opening up
to 6.35mm



Jacob's Chuck
ST16-132-00 T-Handle and key
ST16-132-01 only
ST16-132-02 Key



T-Handle
ST16-133-00
AO Coupling



T-Handle
ST16-134-00
for AO Coupling



Jacobs
ST16-136-00 28cm
opening up to 6.35mm



Key Handle
ST16-138-01



Memoral Head Extrator
ST16-139-01



Fiber Handle
ST16-140-01
for AO coupling



Plastic Handle
ST16-141-01
AO Coupling



Dental
Handle Coupling
ST16-142-01



Fiber Handle
ST16-143-01
AO Coupling



Fiber Key Handle
ST16-144-01
18cm



**Countersink
ST16-147-01**



**Countersink
ST16-148-01**



**Countersink
ST16-149-01**



**Milling Cutter Countersink
with cross handle**
ST16-151-01 2.0 mm
ST16-151-02 3.2 mm
ST16-151-03 4.5 mm
ST16-151-04 6.5 mm
17cm



**Mini Countersink
ST16-152-01**
1.5 mm Screws
2.00 mm Diam
Tip 1.1 mm



**Small Countersink
ST16-153-01**
2.7, 3.5 mm and
4.0 mm Screws
Tip 2.0 mm



**Malleolar
Countersink
ST16-154-01**
Tip 3.2 mm



Tap, with cross-handle
ST16-156-25 Ø2.5mm, 14cm
ST16-156-27 Ø2.7mm, 14cm
ST16-156-30 Ø3.0mm, 16cm
ST16-156-35 Ø3.5mm, 16cm
ST16-156-36 Ø3.6mm, 16cm
ST16-156-40 Ø4.0mm, 18cm
ST16-156-45 Ø4.5mm, 18cm
ST16-156-65 Ø6.5mm, 22cm



Agujas, Punzones y Ganchos para Hueso
Aghi, punteruolo e ganci per osso

Nadeln, Ahle & Knochenhaken
Aiguilles, poinçons et crochets en os



Obwegeser Needle
ST16-159-14
14 cm



Obwegeser Needle
ST16-160-18 18 cm



Obwegeser Needle
ST16-161-23 23 cm



Shoulder Percussion Awl
Pointed, 21.6cm
ST16-165-21 Small
ST16-165-23 Pointed, 23.5cm



ST16-166-14
14cm



Perthes
ST16-167-18 18cm
ST16-167-21 21cm



ST16-168-14
14cm



Sharp Bone Hook
ST16-171-23
23cm



Sharp Bone Hook
ST16-172-23
23cm



Sharp Bone Hook
ST16-173-23
23cm



ST16-181-01

ST16-182-01

ST16-183-01

ST16-184-01

ST16-185-01

ST16-186-01

ST16-187-01

HEXAGONAL HEAD

	Size of screws	Head Size
ST16-181-01	1.5mm	1.5mm
ST16-182-01	2.0mm	
ST16-183-01	2.7mm	2.5mm
ST16-184-01	3.5mm	
ST16-185-01	4.0mm	
ST16-186-01	4.5mm	3.5mm
ST16-187-01	6.5mm	



Screw Driver
ST16-189-01
single head



Screw Driver
ST16-190-01
philips head



Screw Driver
ST16-191-01
slotted head



Screw Driver
ST16-192-01



Williams
Screw Driver
24cm



ST16-194-01
Phillips Head



ST16-194-02
Slotted Head



ST16-194-03
Single Head



ST16-194-04
Hexagonal Head
3.5 mm



Holding Sleeve
ST16-194-05 1.5 mm



Holding Sleeve
ST16-194-06 2.5 mm



Parallel Target Device
ST16-251-01
for guide wires 2mm



Mortising Chisel
ST16-252-01



Wire Guide
ST16-253-45
45mm



Wire Guide
ST16-253-70
70mm



Drill Small Pointed
ST16-201-01
Drill Bit 3.5 mm



Drill Pointed Guide
ST16-202-01
6.5 mm



Drill Pointed Guide
ST16-203-01
6.5 mm



Insert Drill Sleeve
ST16-204-01
2.7 / 2.0 mm Drill Bit 2.0 mm
ST16-204-02
3.5 / 2.5 mm Drill Bit 2.5 mm
ST16-204-03
4.5 / 3.2 mm Drill Bit 3.2 mm



C - Clamp
ST16-206-01
Drill Guide with thread
for Drill Bit 4.5 mm



Drill Guide
ST16-210-01
4.5 mm Screws
Drill Bit 4.5 mm &
3.2 mm



Drill Guide
ST16-211-01
6.5 mm Screws
Drill Bit 3.2 mm



Drill Guide
ST16-212-01
3.5 mm for neutral
and compression Positioning
Drill Bit 2.5 mm

Fundas de broca y guía de broca
Guida punte e guida punte

Bohrhülsen und Bohrführung
Guide-mèches et guide-mèches



Mini Drill Sleeve
ST16-213-01

1.1 mm and 1.5 mm drill bits
ST16-213-02
1.5 mm and 2.0 mm drill bits



Drill Guide
ST16-214-01
drill sleeve for 2.0 mm
drill bit



ST16-215-01 Tap Sleeve, 2.0 mm $\varnothing$
ST16-215-02 Drill Sleeve, 2.7 mm $\varnothing$
ST16-215-03 Tap Sleeve, 2.5 mm $\varnothing$
ST16-215-04 Drill Sleeve, 3.5 mm $\varnothing$



Neutral & Load Drill Guide
ST16-216-01 1.5 mm for 2.0 mm Screws
ST16-216-02 2.0 mm for 2.7 mm Screws
ST16-216-03 2.5 mm for 3.5 mm Screws
ST16-216-04 3.2 mm for 4.5 mm Screws



Tap Sleeve
ST16-217-01
3.5 mm



Tap Sleeve
ST16-221-01
3.5 mm also for used
as 3.2 mm drill Guide



Tap Sleeve
ST16-222-01
4.5 mm



Drill Sleeve
ST16-223-01
3.2 mm for Round
Hole Plates

Instrumente für Schraubenbohrer
Instruments pour perceuse à vis

Instrumentos para taladro de tornillo
Strumenti per trapano a vite



Lane Screw Holding Forceps
ST16-230-23 23cm



Screw Forceps
ST16-231-01



Sharp Hook
16.5 cm
ST16-234-01



Bending Template

Size	3.5 mm	4.5 mm
5 hole		ST16-236-03
7 hole	ST16-236-01	ST16-236-04
9 hole	ST16-236-02	ST16-236-05



Combination Wrench
ST16-237-01
width across flats
11 mm



Socket Wrench
ST16-238-01
width across flats 11 mm



Compression Device
ST16-241-01
8 mm screw-type



Articulated Tension Device
ST16-242-01
with Indicator span 20 mm may
also be used for distraction
of standard and small plates



Pin Wrench
ST16-243-01
Tension Device
& Distactor



Drill Sleeve
ST16-244-01
Tension Device

Instrumental para cerclaje
Strumenti per filo di cerchiaggio

Draht-Instrumentarium
Instruments pour cerclage



Demel
28 cm

ST16-256-32 32 mm
ST16-256-45 45 mm
ST16-256-62 62 mm



Demel
ST16-258-28
28 cm



Cerclage Wire Twister
ST16-260-12 12.5cm
stainless



Wire Tightener
ST16-261-12 12.5cm
stainless



Loute
ST16-262-21
21.5cm



Bone Wire

ST16-265-01 0.2mm
ST16-265-02 0.3mm
ST16-265-03 0.4mm
ST16-265-04 0.5mm
ST16-265-05 0.6mm
ST16-265-06 0.7mm
ST16-265-07 0.8mm
ST16-265-08 0.9mm
ST16-265-09 1.0mm
ST16-265-10 1.2mm
ST16-265-11 1.5mm

bone wire, soft,
in coils of 10m



Bone Wire

ST16-266-01 0.8mm x 280mm
ST16-266-02 1.0mm x 280mm
ST16-266-03 1.2mm x 280mm
ST16-266-04 1.0mm x 280mm
ST16-266-05 1.2mm x 280mm
bone wire with eye soft
package of 10 pieces



Slotted Nail Driver
ST16-268-21
21.5cm



Reamer
ST16-270-21
21.5cm



Moore Rasp
ST16-272-21
21.5cm
slandered stream



**Bending Device
ST16-276-00**
21.5cm
to bend straight
and angled plates



**Bending Device
ST16-278-00**
21.5cm
to bend straight
and angled plates



**Rod Bender
ST16-280-01**
to bend straight
and angled



**Universal Rod Bender
ST16-281-01** 28.5cm
to bend straight
and angled



**Rod Bender
ST16-282-01**
to bend straight
and angled



**Slotted Hammer
ST16-285-01** 14mm

Instrumental para cerclaje

Strumenti per filo di cerchiaggio

Draht-Instrumentarium

Instruments pour cerclage



Jewett
ST16-286-20
20cm



Jewett
ST16-287-20
20cm

with vertical
borings,
Ø 3.5 - 4.0 -
6.5 - 8.0 mm



ST16-288-24
24cm



Lane
ST16-289-18
18cm



Plate Bender
ST16-293-01



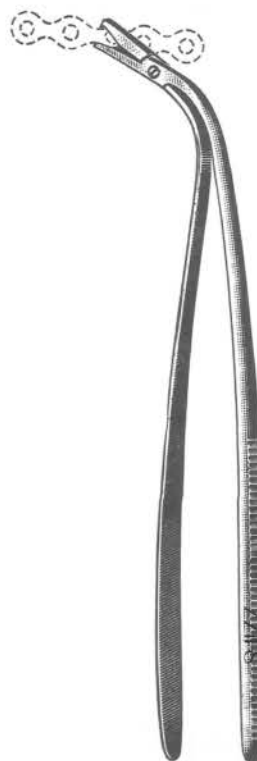
Plate Bender
ST16-294-01



Plate Bender
ST16-295-01



Plate Bender
ST16-296-01



Lane holding forceps
for bone plates
ST16-301-22 22cm



**Lane Bone
Plate Holding
Forceps**
ST16-302-22 22cm



ST16-311-18 18cm
Wire strainer for
kirschner wires



Kirschner Extension Bows
ST16-312-01 x=95mm y=70mm
ST16-312-02 x=100mm y=100mm
ST16-312-03 x=120mm y=120mm
ST16-312-04 x=155mm y=155mm
ST16-312-05 x=200mm y=155mm
 with 3 traction hooks



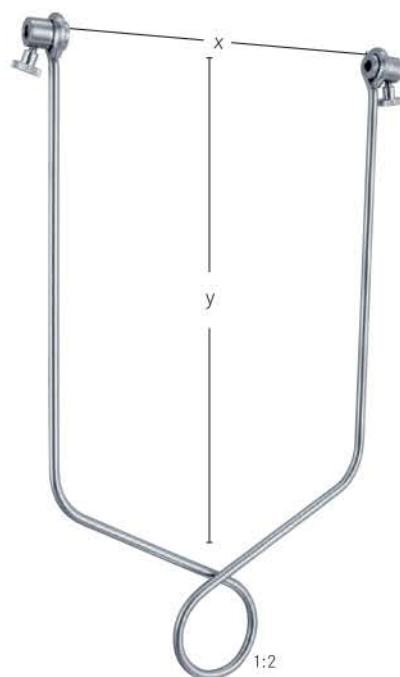
Kirschner Extension Bows
ST16-313-01 x=130mm
ST16-313-02 x=185mm
ST16-313-03 x=220mm
 with 3 traction hooks



**Wrench
Kirschner
Extension Bows**
ST16-314-01
 14mm/17mm



Kirschner Extension Bows
ST16-315-01 x=180mm y=100mm
ST16-315-02 x=270mm y=160mm
 with 3 traction hooks



Bohler Kirschner Extension Bows
ST16-316-01 x=75mm y=90mm
ST16-316-02 x=90mm y=160mm
ST16-316-03 x=110mm y=210mm
ST16-316-04 x=150mm y=210mm
 with 3 traction hooks



Charnley-mueller
ST16-317-00
 Compression Clamp

Medidores de profundidad de tornillo, placa de hoja en ángulo
Vite misuratori di profondità, piatto lama ad angolo

Schraubtieftennmessgeräte, abgewinkelte Klingenplatte
Jauges de profondeur de vis, plaque de lame inclinée



Screw Depth Gauges

- ST16-321-01 Mini Gauge, 4 3/4" Long measures up to 30mm
- ST16-321-02 Small Gauge, 6 1/4" Long measures up to 50mm
- ST16-321-03 Large Gauge, 8 3/4" Long measures up to 100mm
- ST16-321-04 X-Large Gauge, 11" Long measures up to 120mm



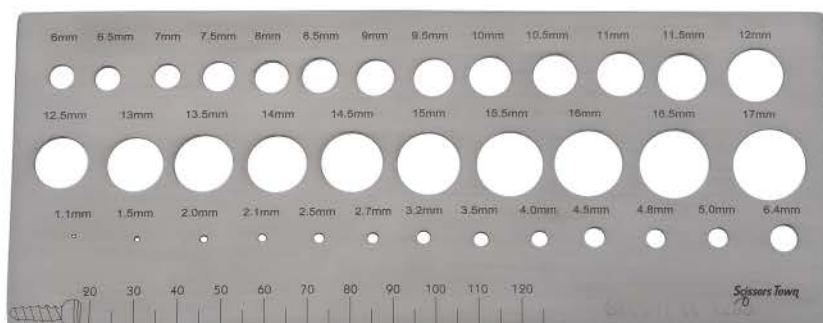
Screw Depth Gauges

- ST16-322-01 Mini Gauge, 4 3/4" Long measures up to 30mm
- ST16-322-02 Small Gauge, 6 1/4" Long measures up to 50mm
- ST16-322-03 Large Gauge, 8 3/4" Long measures up to 100mm
- ST16-322-04 X-Large Gauge, 11" Long measures up to 120mm



Screw Depth Gauge

- ST16-323-01 1.5 mm & 2.0 mm screws
- ST16-323-02 2.7 mm & 4.0 mm screws
- ST16-323-03 4.5 mm & 6.5 mm screws



Measuring Gauge
ST16-326-01
for nail

ST16-328-00 Tri Angular Positioning Plate

