



INTRODUCTION

Our experience in manufacturing of Surgical and Dental Instruments has been built-up since 1940, Systematically, uncompromisingly and precisely. A second outcome is quality with the greater pace of technological advancement, and our deeper Commitment to it. Quality is our watchword. We pursue it relentlessly from development through production to service and customer support. Precision is a very important factor in our process. We view precision not only in terms of manufacturing, but also in whole surgical procedure as an integrated system. Hence to develop the function more precisely, we share expertise opinion. All instruments are hand-crafted and minor deviation in size and weight may occur which does not effect the function and reliability of an instrument.

ACKNOWLEDGE EXPERTISE AND QUALITY BUILDING ON EXPERIENCE

Quality is not an accident; it is achieved as a result of Continuous efforts, new in-puts to system and human resources. Quality requires a solid foundation through expertise of the people who work for us. That's why we put emphasis in production and training.

QUALITY STANDARDIZATION

Whatever your demands are, all instruments are precisely and clearly recorded to your stated & implied requirements. Our Quality Assurance Department has developed and documented standard operating procedures, standing work instructions, quality plans & standard device master record. Our Research and Development (R&D) department is busy in designing the instruments as per the requirements of market and quality assurance standards; all specification, measurements and other data are registered in log books for Quality Assurance and other quality systems.

OUR CORPORATE GOAL:

The world is shrinking, and in response, we are growing. With our staff, workforce, customers and our patrons, by extending our product range, methods, which is evident through our presence across the globe. We find solutions for particular application problems throughout the world. We will gladly develop with you, refining ourselves to the standards you would expect for **Technical Zone**.

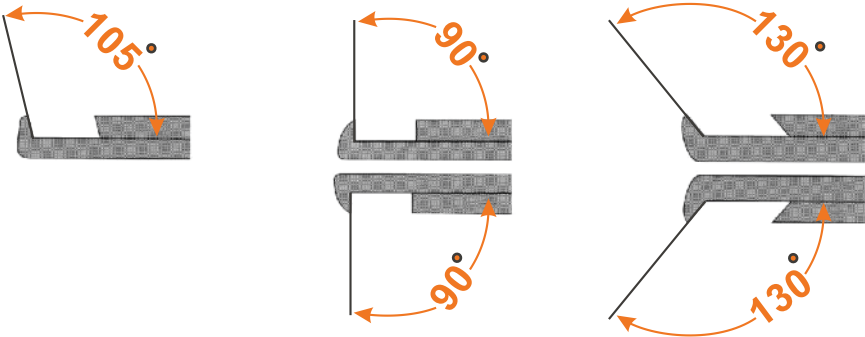
OUR COMMITMENT IS TO:

- Rise to the challenge of particular demanding standards.
- Development and manufacturing from samples or drawings.
- Selection of appropriate materials.
- Mechanical & Chemical properties are carefully maintained through Boil test, Copper-sulfate test to characterize the material to indicate corrosion.
- Passivation and other Chemical treatment are carried out to prevent from discoloration or rust.
- Technical drawings with measurements for all instruments.

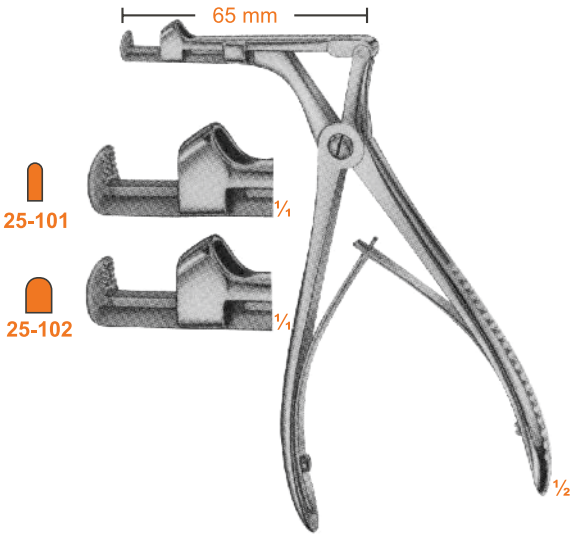
25

Bone Surgery

Punches

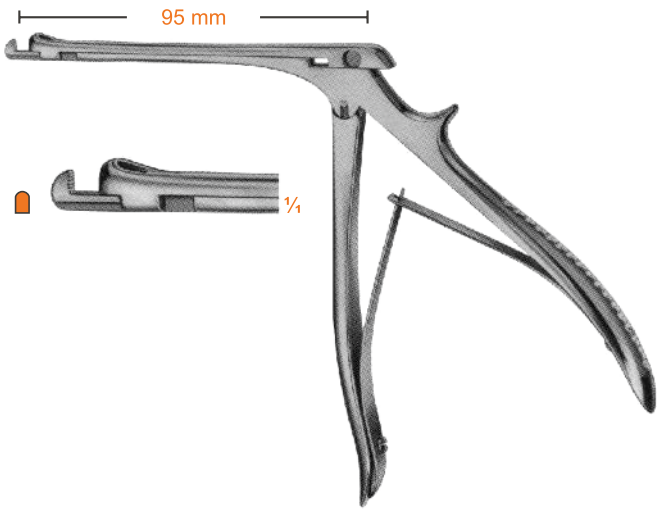


90° upwards cutting



25-101 - 102
CITELLI
2 mm, 3,5 mm

90° upwards cutting



25-103
CITELLI- BEYER
1,8 mm

Punches

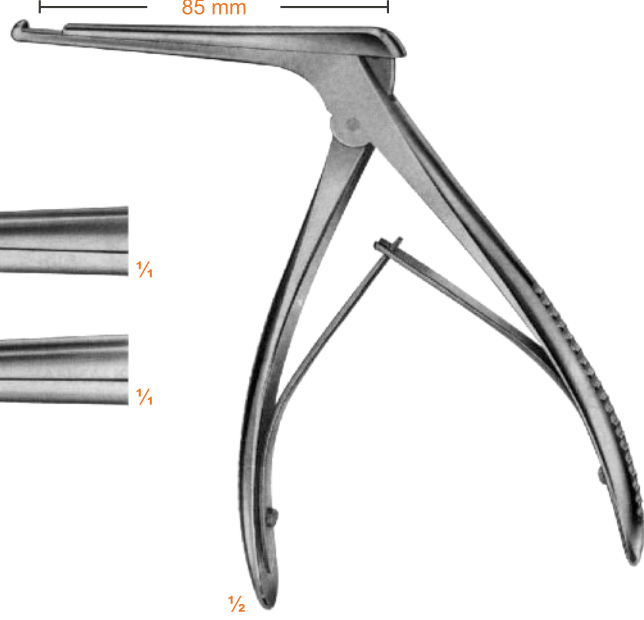
90° upwards cutting

85 mm

25-104
4 mm



25-105
5 mm



25-104 - 105
KERRISON

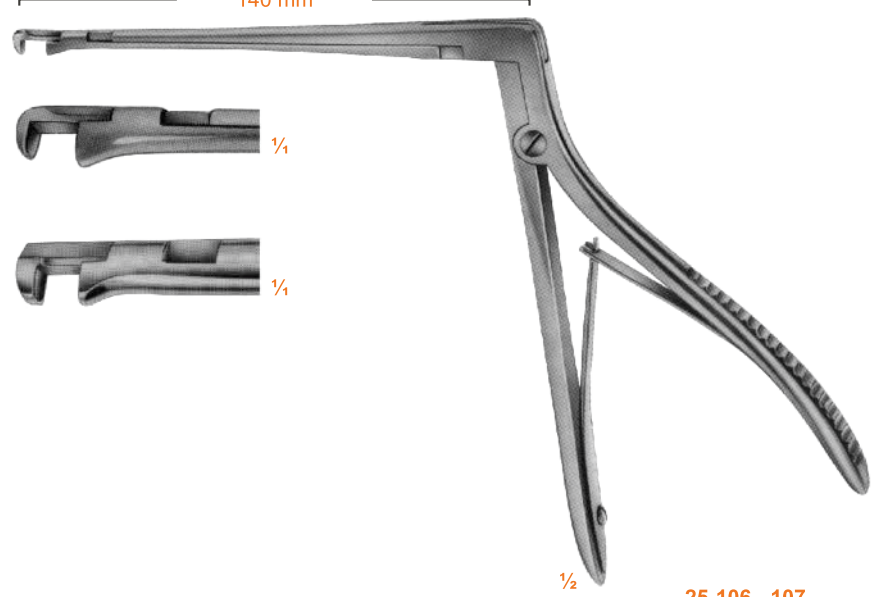
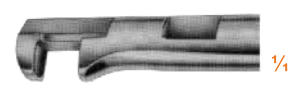
90° upwards cutting

140 mm

25-106
3,3 mm



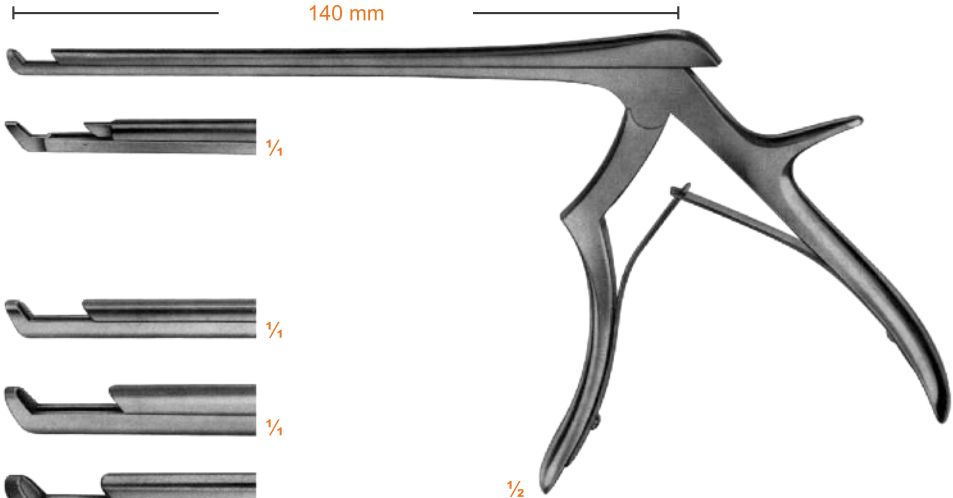
25-107
4,0 mm



25-106 - 107
HAJEK-KOFLER

130° upwards cutting

25-108
1 mm



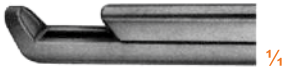
25-109
2 mm



25-110
3 mm



25-111
4 mm



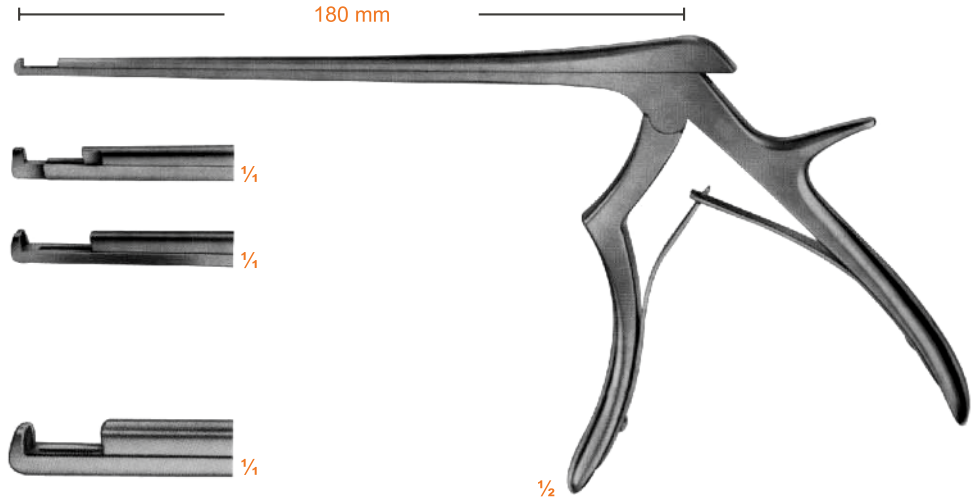
25-112
5 mm



25-108 - 112
KERRISON-JACOBY

90° upwards cutting

25-113
1 mm

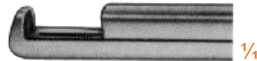


25-114
2 mm



FERRIS-SMITH-KERRISON

25-115
3 mm



25-116
4 mm



25-117
5 mm

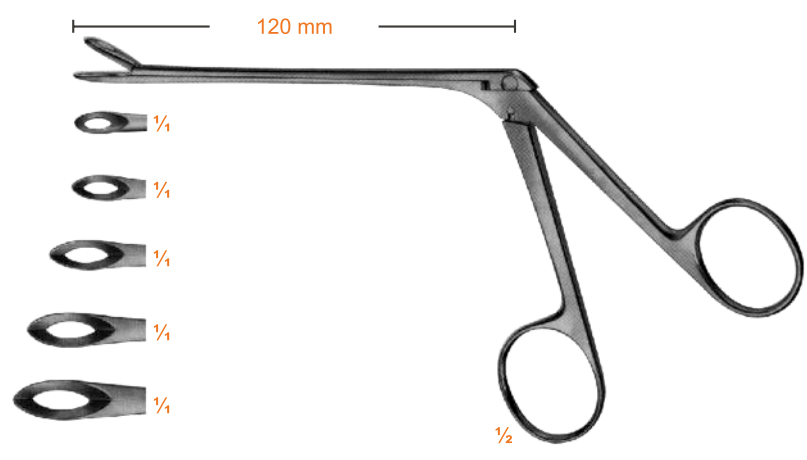


25-113 - 117
KERRISON-JACOBY

Rongeurs

Angled positions for rongeurs

- 25-118**
3,0 mm
- 25-119**
3,6 mm
- 25-120**
4,2 mm
- 25-121**
4,8 mm
- 25-122**
5,8 mm

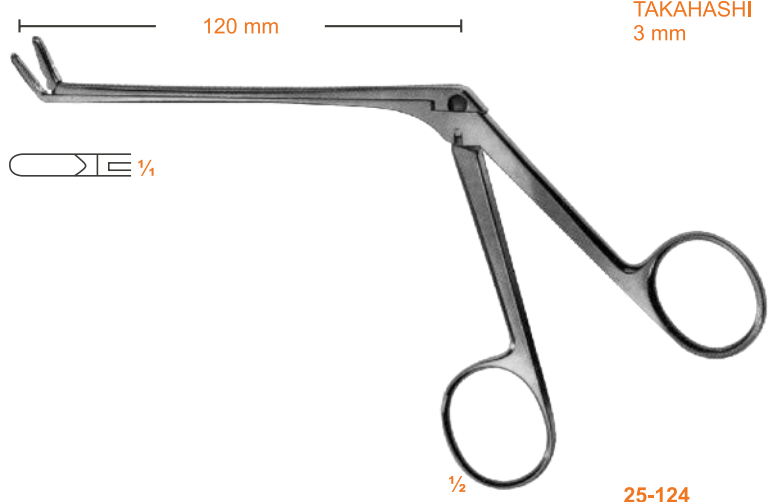


25-118 - 122
WEIL-BLAKESLEY



25-123
TAKAHASHI
3 mm

130°



25-124
TAKAHASHI
3 mm

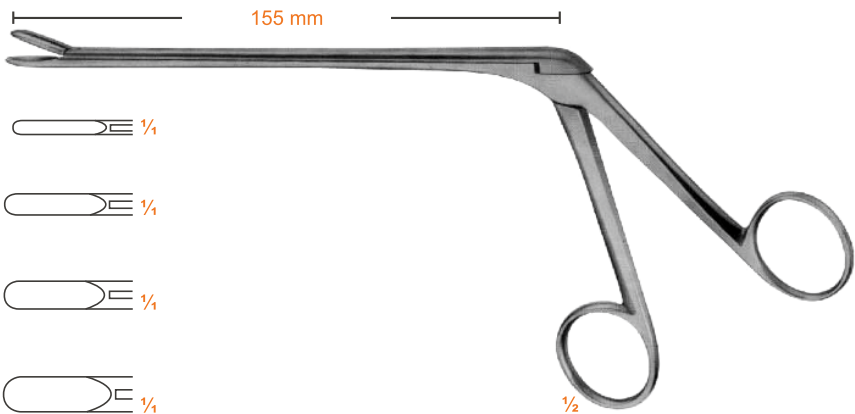
Rongeurs

25-125
2 X 10 mm



25-125 - 127
LOVE-GRÜNWALD

25-128
2 mm



25-128 - 131
CASPAR

25-132
2 mm



25-132 - 134
CASPAR

Rongeurs

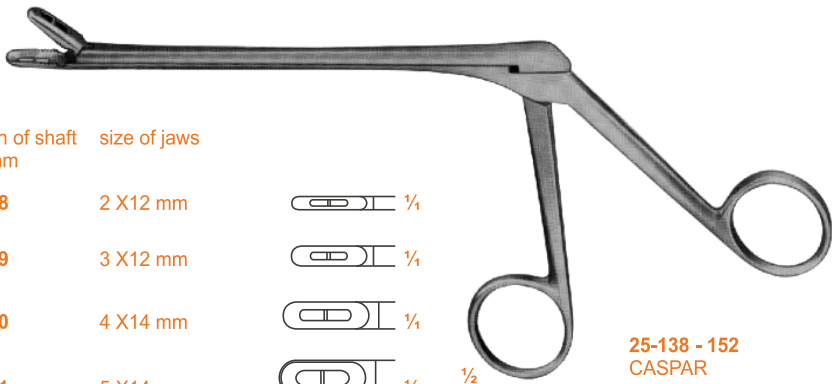


25-135
2 mm

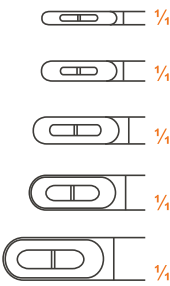
25-136
3 mm

25-137
4 mm

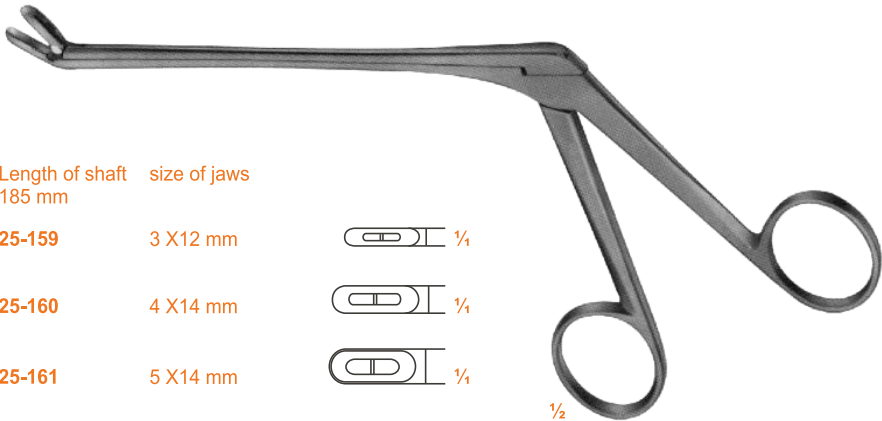
25-135 - 137
CASPAR



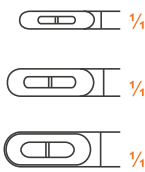
Length of shaft 140 mm	Length of shaft 160 mm	Length of shaft 185 mm	size of jaws
25-138	25-143	25-148	2 X12 mm
25-139	25-144	25-149	3 X12 mm
25-140	25-145	25-150	4 X14 mm
25-141	25-146	25-151	5 X14 mm
25-142	25-147	25-152	6 X16 mm



25-138 - 152
CASPAR



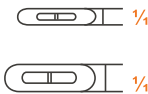
Length of shaft 140 mm	Length of shaft 160 mm	Length of shaft 185 mm	size of jaws
25-153	25-156	25-159	3 X12 mm
25-154	25-157	25-160	4 X14 mm
25-155	25-158	25-161	5 X14 mm



25-153 - 161
CASPAR

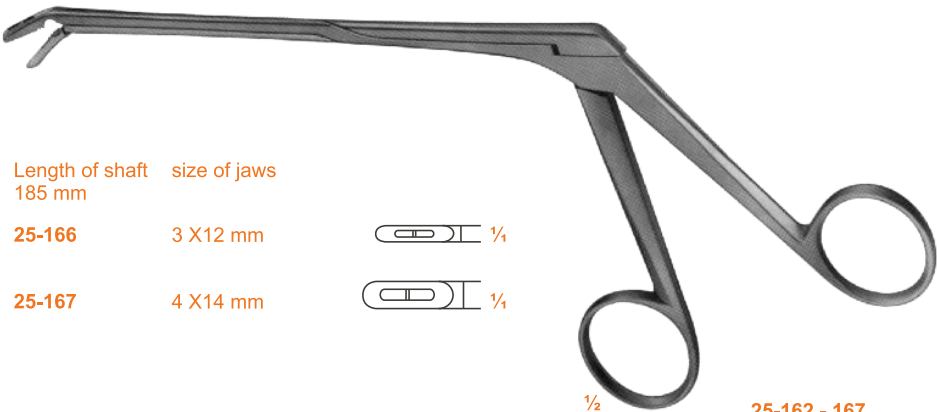
Rongeurs

Length of shaft 140 mm	Length of shaft 160 mm	Length of shaft 185 mm	size of jaws
25-162	25-164	25-166	3 X12 mm
25-163	25-165	25-167	4 X14 mm



1/2

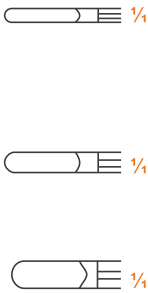
25-162 - 167
GUSHING



25-168
2 X 10 mm
GUSHING

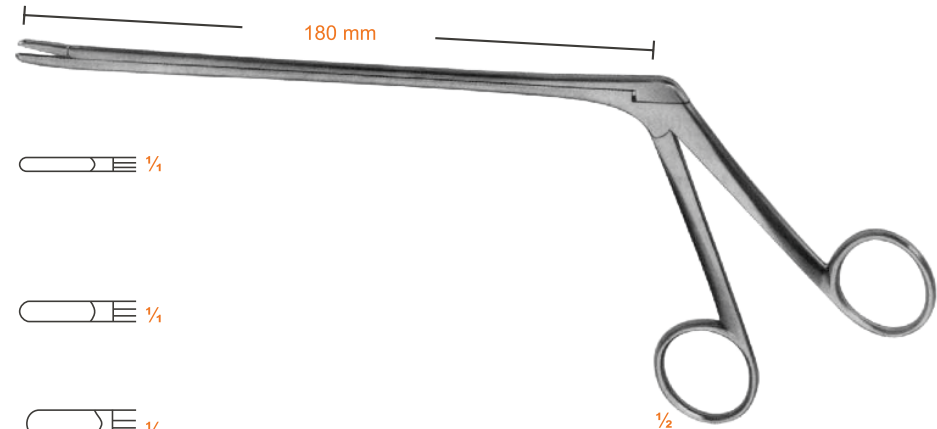
25-169
3 X 10 mm
LOVE-GRUENWALD

25-170
4 X 10 mm
SPURLING



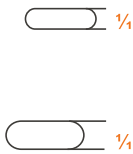
1/2

25-168 - 170
LOVE-GRUENWALD



25-171
3 X 10 mm
LOVE-GRUENWALD

25-172
4 X 10 mm
SPURLING



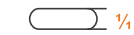
1/2

25-171 - 172
LOVE-GRUENWALD

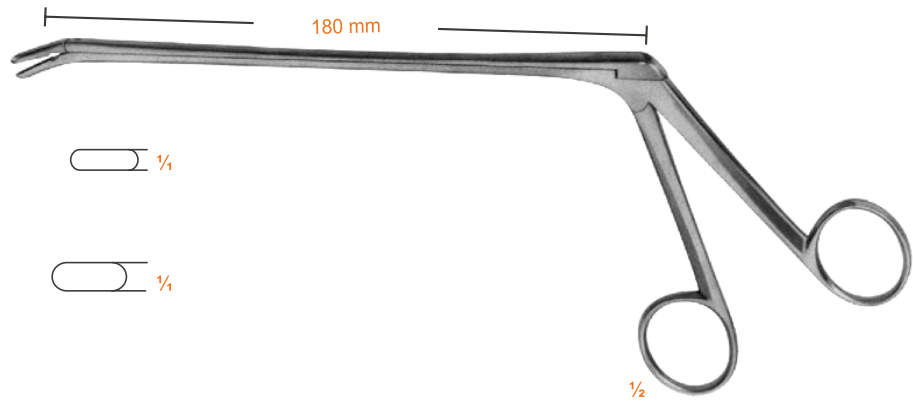


Rongeurs

25-173
3 X 10 mm
LOVE-GRUENWALD

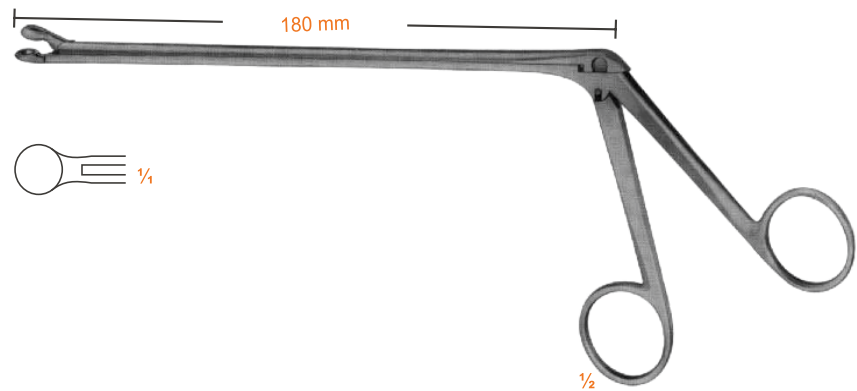


25-174
4 X 10 mm
SPURLING



25-173 - 174
LOVE-GRUENWALD

25-175
7 mm



25-175
OLDBERG

25-176
YASARGIL
2,2 mm

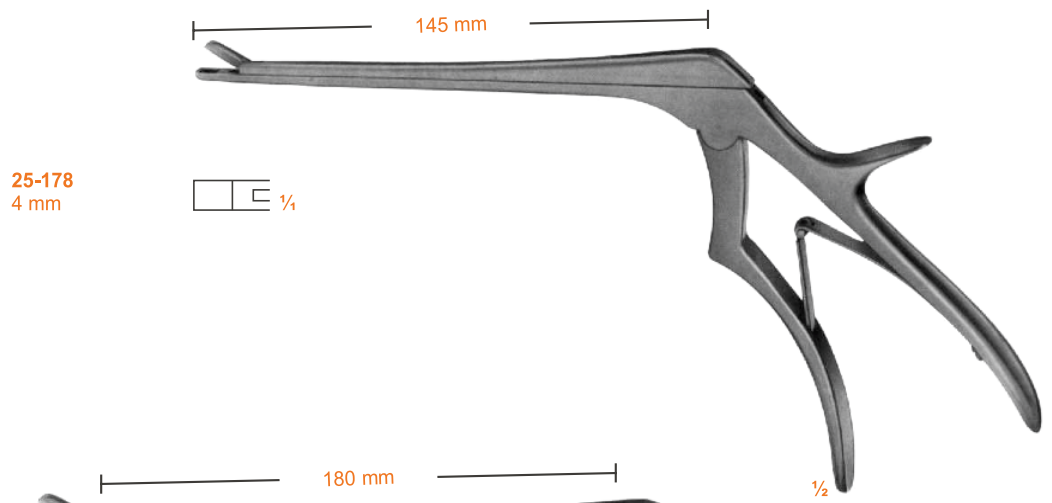


25-177
YASARGIL
3,5 mm

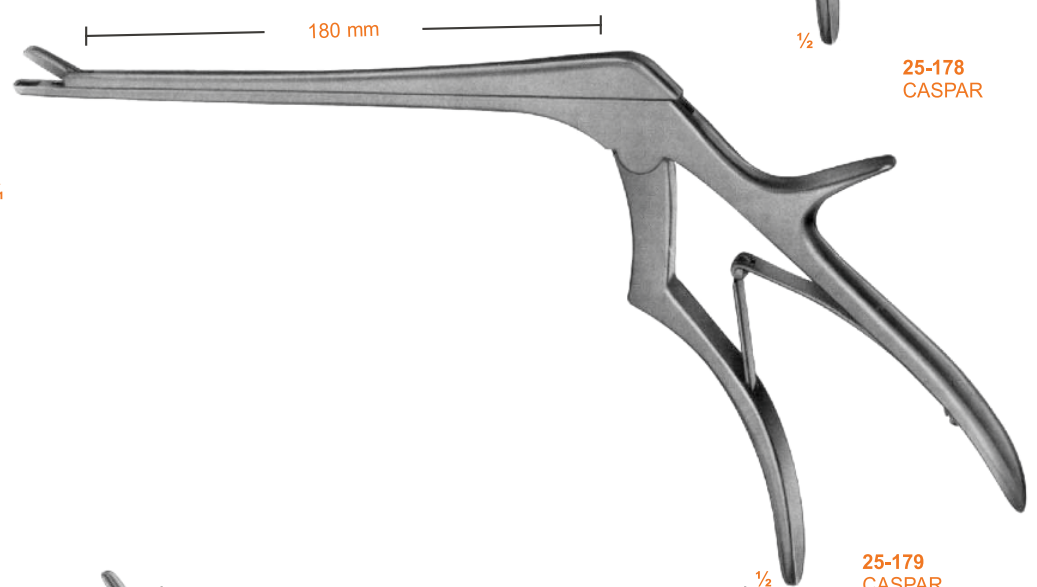


25-176 - 177

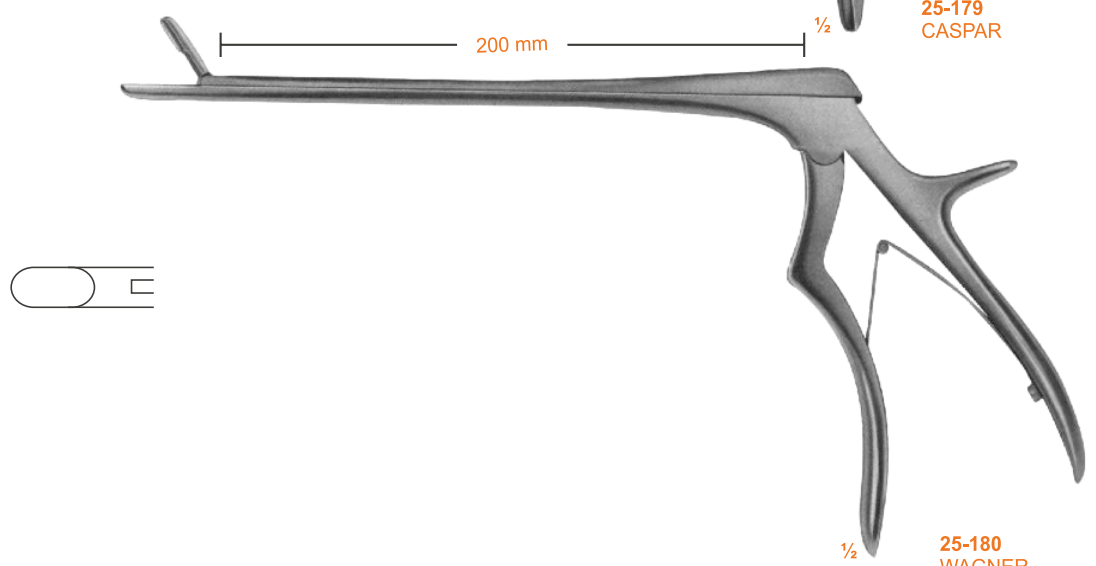
Rongeurs



25-178
CASPAR



25-179
CASPAR



25-180
WAGNER

Amputation and Resection Knives



1/2

25-181
Length of blades
Phalangeal knife
105 mm



1/2

25-182
Length of blades
Interosseous knife
110 mm



1/2

25-183
Length of blades
Periosteum knife
with raspatory
65 mm



1/2

25-184 - 185
LANGENBECK
Length of blades
Resection knives
55 mm

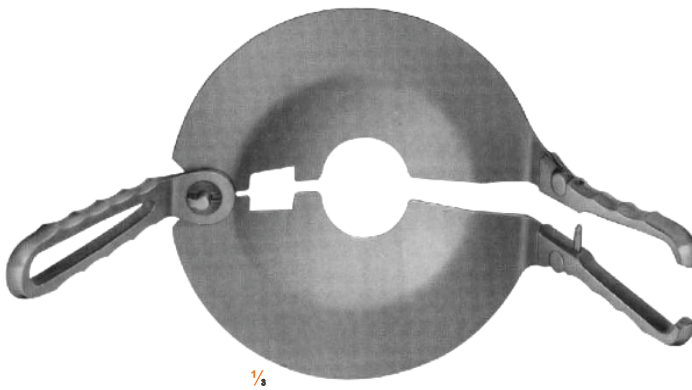


25-184

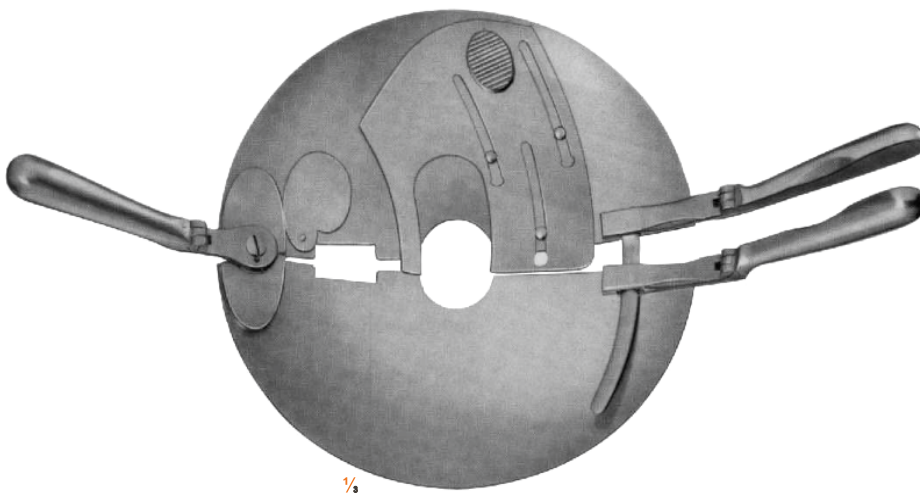


25-185

Amputation Retractors



25-186
PERCY
removeable handles

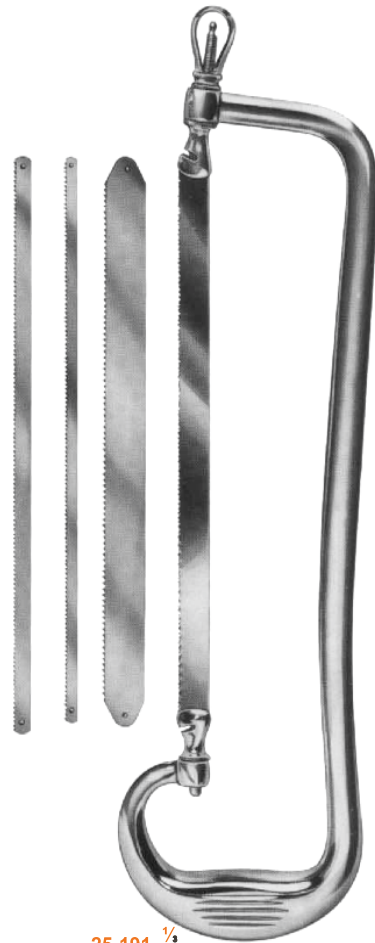


25-187
PERCY
reversible handles



1/3

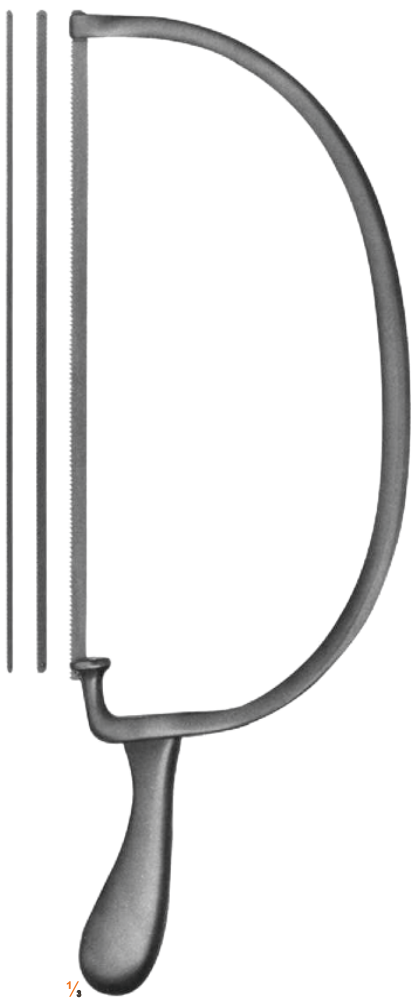
25-188
CHARRIEER
 Length of blade
 215 mm
 complete with one saw
 blade each
 350 mm
 Spare saw blades, carbon steel
25-189 12 mm
25-190 20 mm



25-191 1/3

RUST
 Length of blade
 235 mm
 complete with one saw
 blade each
 390 mm
25-192 Bow only
 Spare saw blades, carbon steel
25-193 6 mm
25-194 8 mm
25-195 12 mm
25-196 20 mm

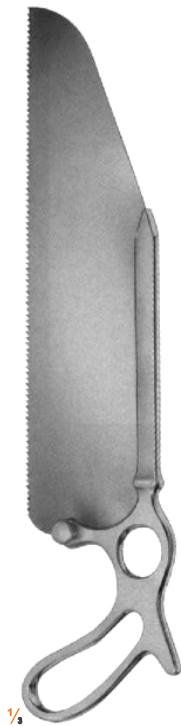
Amputation Saws



25-197
BIER
Length of blade
270 mm
complete with one saw
blade each
420 mm
Spare saw blades, carbon steel
25-198 4 mm
25-199 6 mm
25-200 8 mm



25-201
CHARRIERE
Length of blade
180 mm
Spare saw blades,
carbon steel
270 mm
25-202
CHARRIERE
Length of blade
240 mm
Spare saw blades,
carbon steel
340 mm

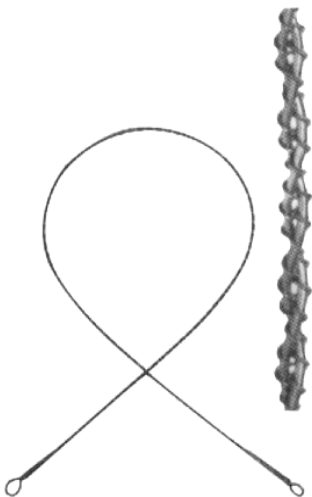


25-203
SATTERLEE
Length of blade
200 mm
Spare saw blades,
carbon steel
290 mm

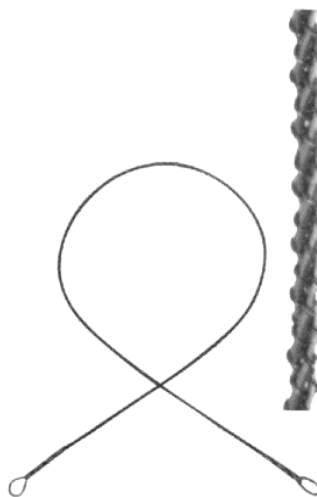


25-204
LANGENBACK
Length of blade
115 mm
Metacarpal saw
235 mm

Wire Saws and Conductor



OLIVECRONA
25-205 300 mm
25-206 400 mm
25-207 500 mm
25-208 700 mm



GIGLI
25-209 300 mm
25-210 400 mm
25-211 500 mm
fine, 6 wires twisted
25-212
coarses, 4 wires twisted



25-213
GIGLI
Handle

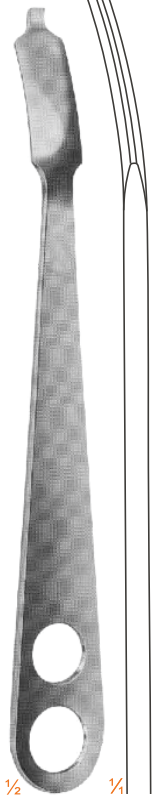
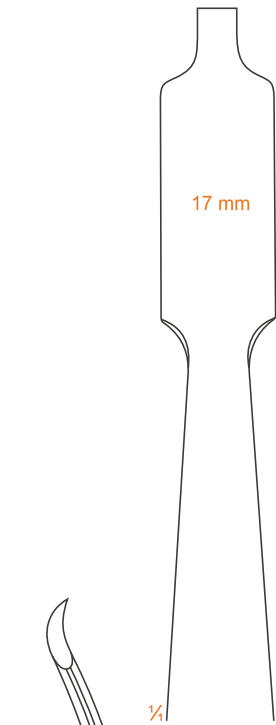


25-214
LEBSCHE
Conductor for
wire saws, malleable
250 mm

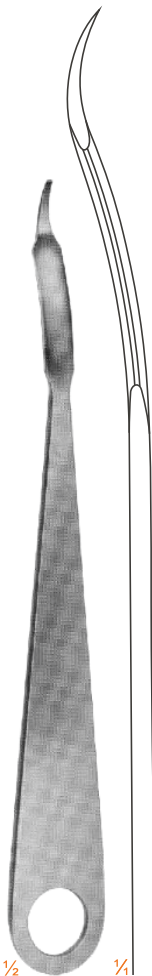
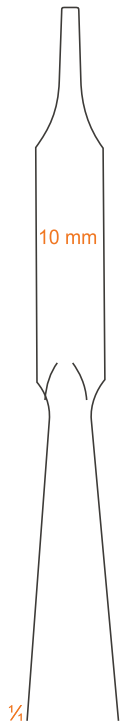
Bone Levers



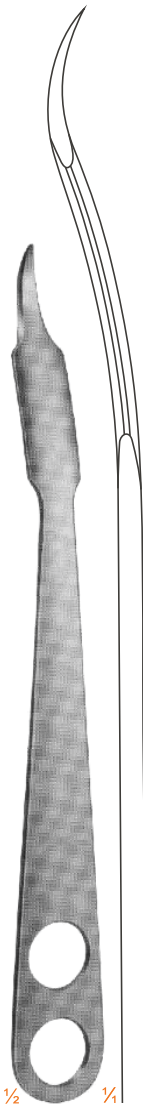
Bone Levers



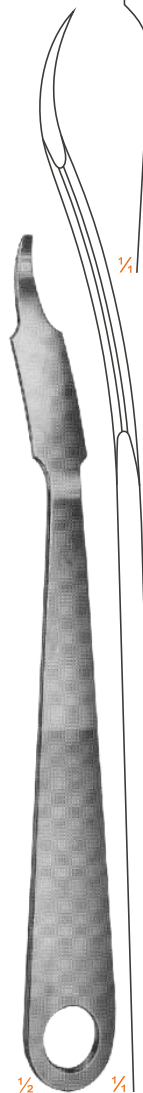
25-235
WAGNER
220 mm



25-236
220 mm

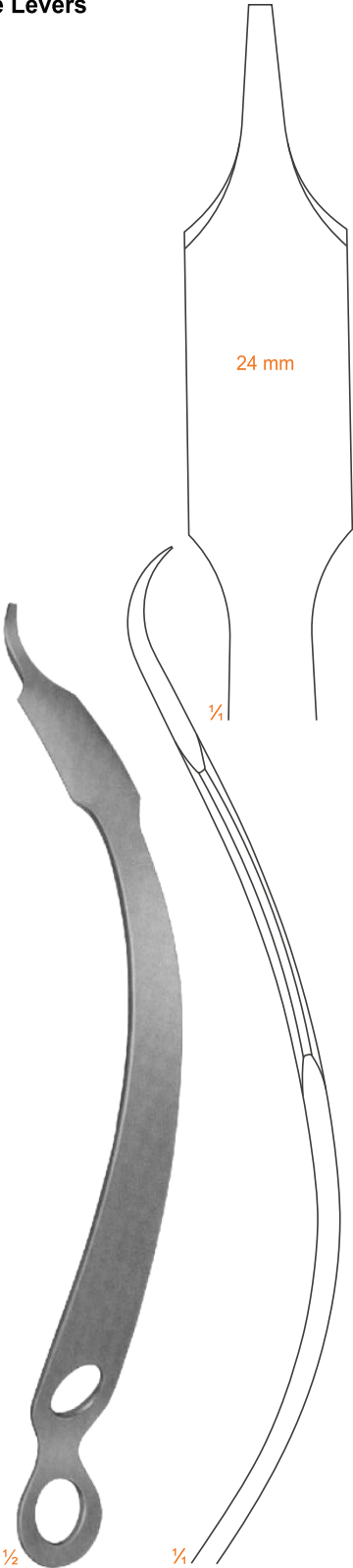


25-237
240 mm

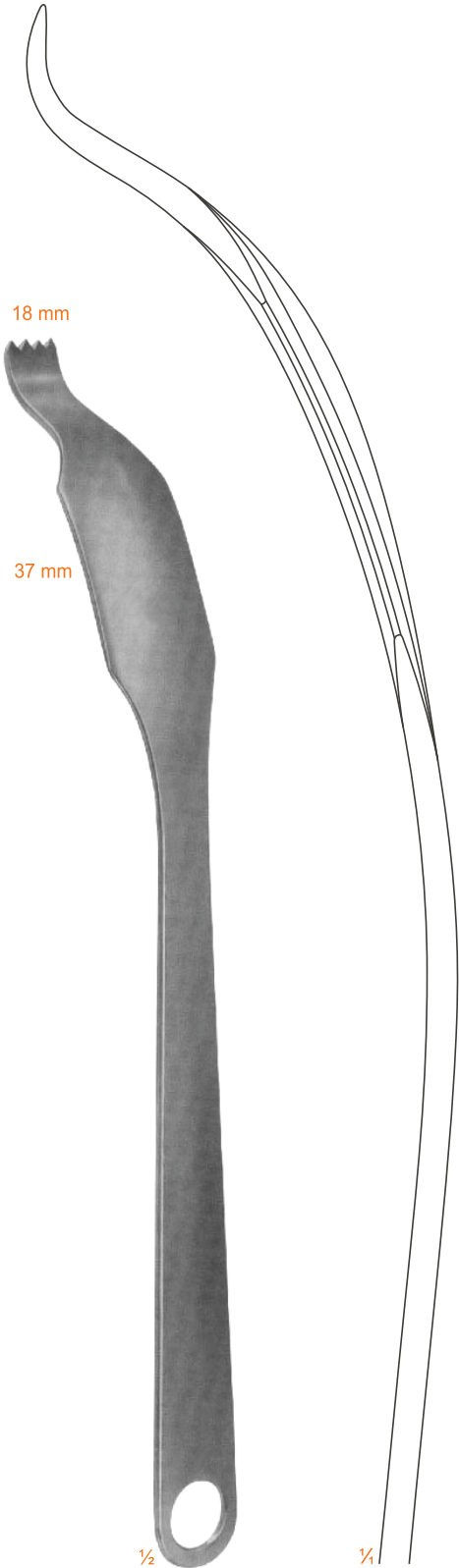


25-238
240 mm

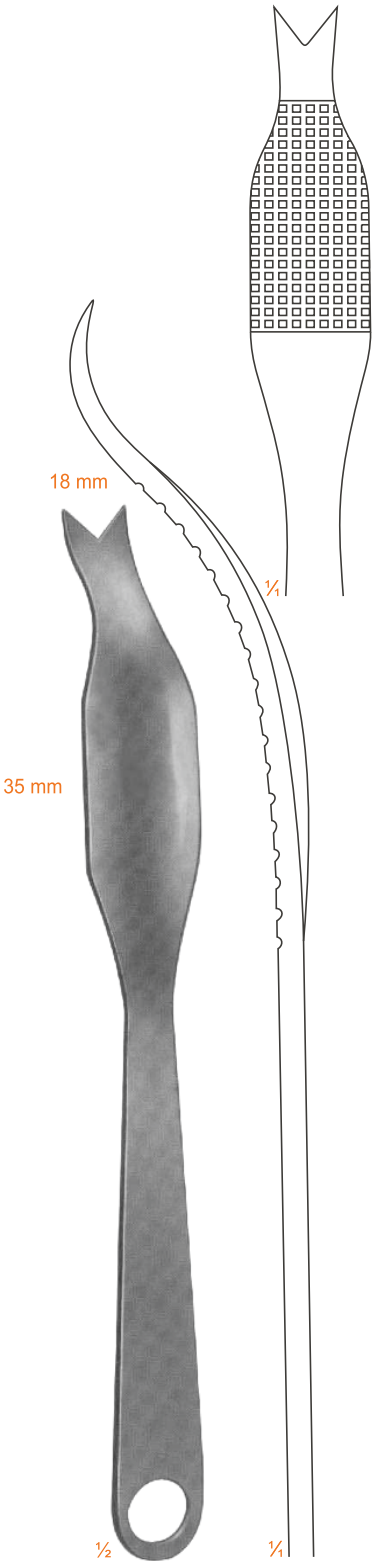
Bone Levers



25-242
HOHMANN-ALDINGER
270 mm

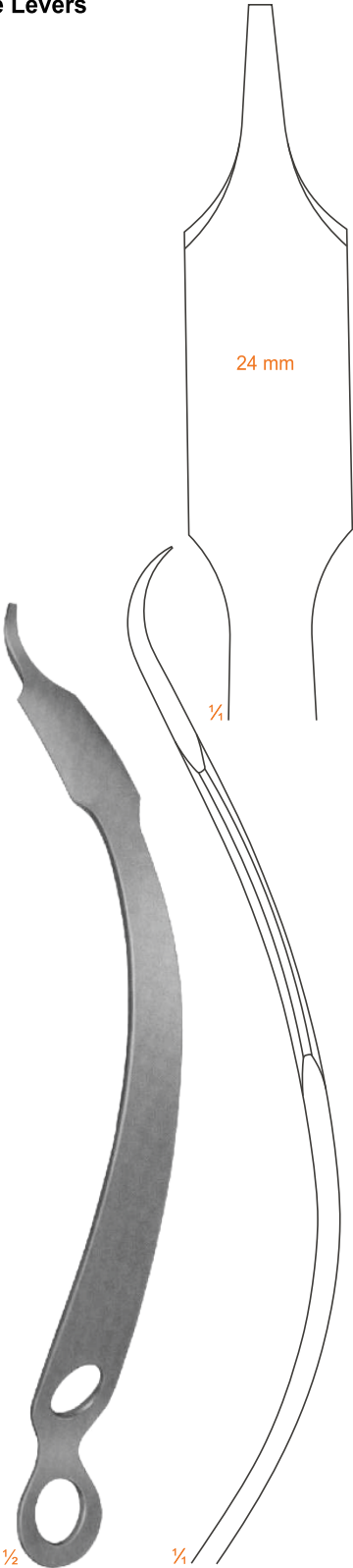


25-243
SCHUMACHER mod. WAGNER
345 mm

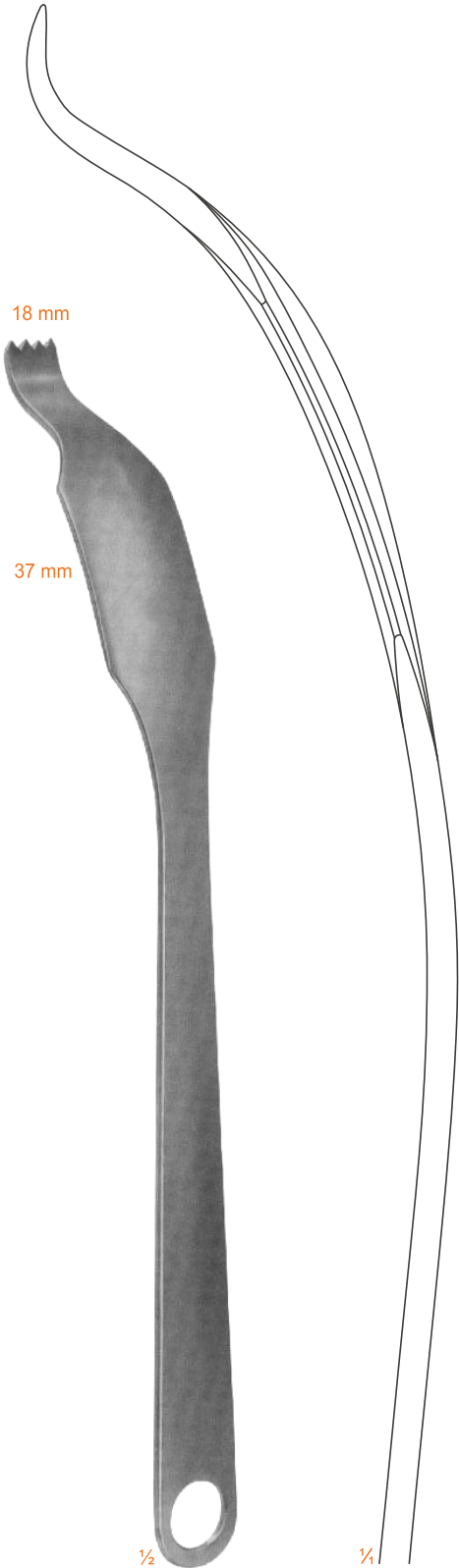


25-244
SCHUMACHER
290 mm

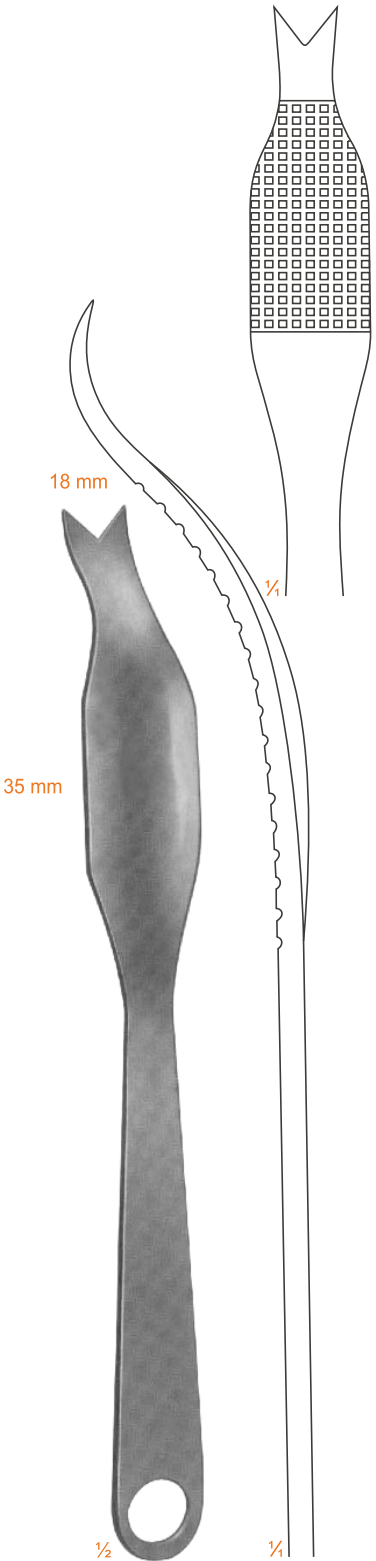
Bone Levers



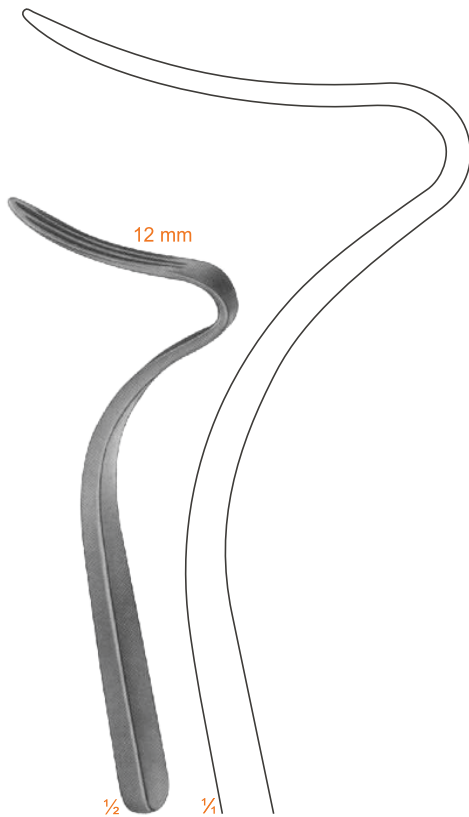
25-242
HOHMANN-ALDINGER
270 mm



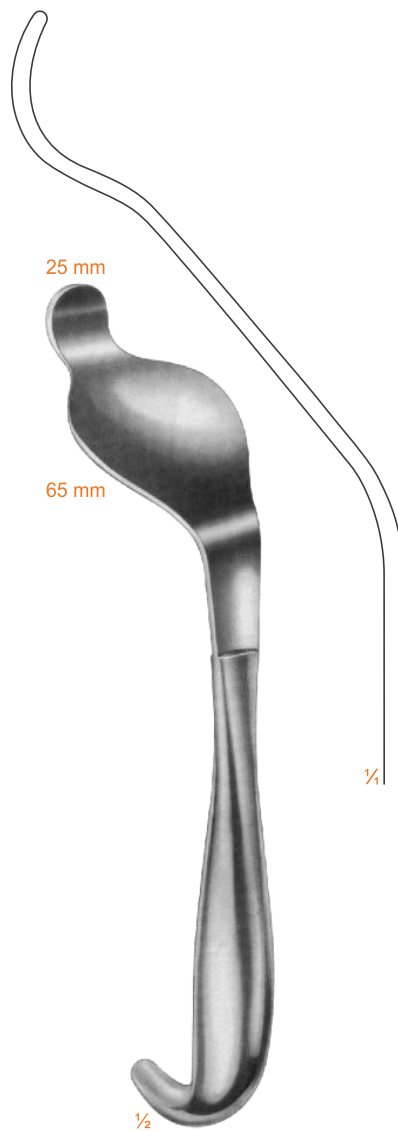
25-243
SCHUMACHER mod. WAGNER
345 mm



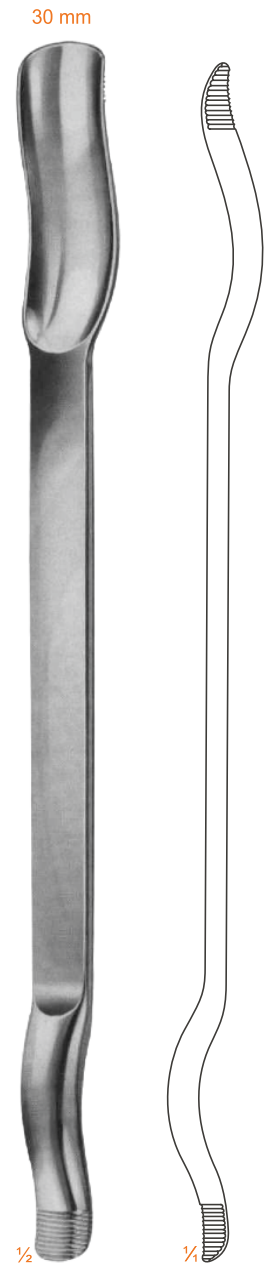
25-244
SCHUMACHER
290 mm



25-245
TAGER
Bone lever for
angle joint operations
175 mm

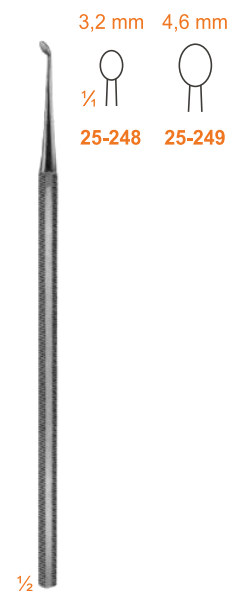


25-246
BENNETT
235 mm

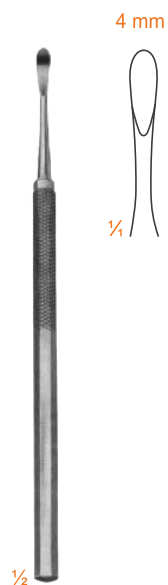


25-247
MURPHY-LANE
Luxation lever
340 mm

Periosteal Raspatories



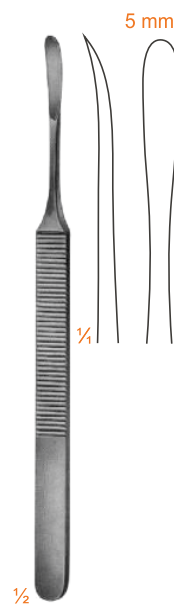
25-248 - 249
PARTSCH
150 mm



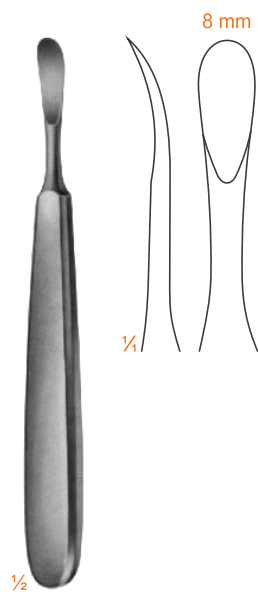
25-250
PARTSCH mod. LANGE
145 mm



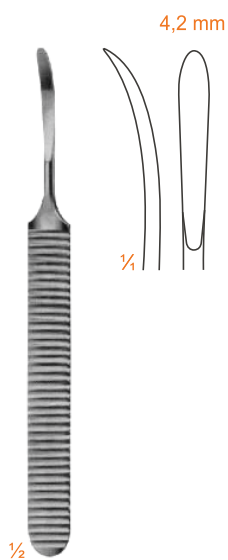
25-251
MC KENTY
155 mm



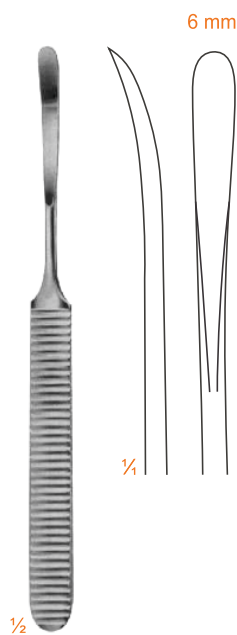
25-252
KONIG
155 mm



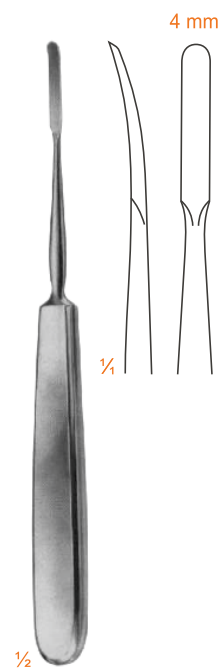
25-253
TRELAT
150 mm



25-254
WILLIGER
140 mm

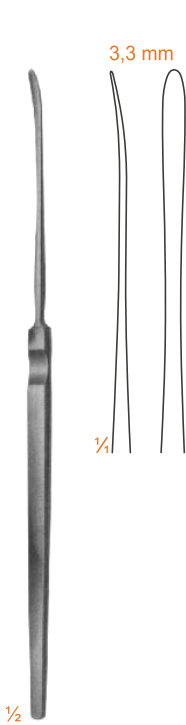


25-255
WILLIGER
160 mm



25-256
JOSEPH
170 mm

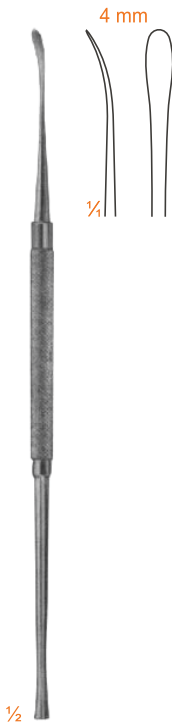
Periosteal Raspatories



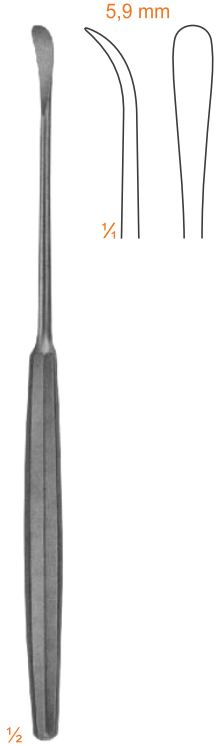
**25-257
HALLE**
stumfp/blunt
180 mm



**25-258
FREER**
stumfp/blunt
190 mm



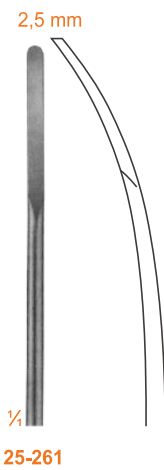
**25-259
FREER**
stumfp/sharp
190 mm



**25-260
SEWALL**
stumfp/blunt
190 mm



**25-261 - 163
PAULSEN**
205 mm



25-261



25-262



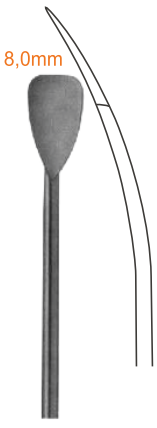
25-263



**25-264 - 265
PAULSEN**
205 mm

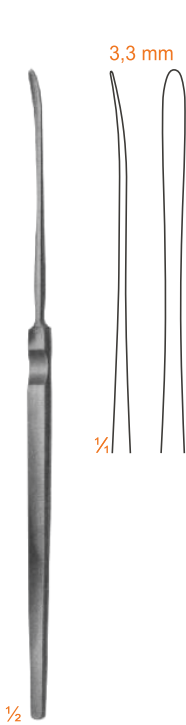


25-264



25-265

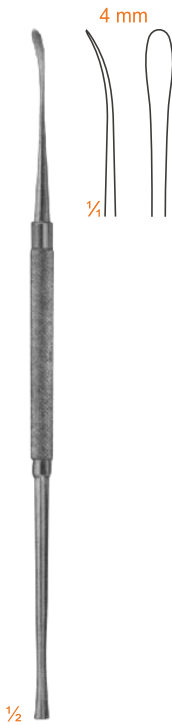
Periosteal Raspatories



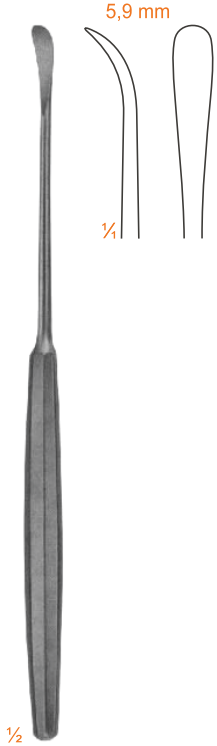
**25-257
HALLE**
stumfp/blunt
180 mm



**25-258
FREER**
stumfp/blunt
190 mm



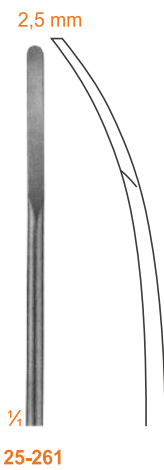
**25-259
FREER**
stumfp/sharp
190 mm



**25-260
SEWALL**
stumfp/blunt
190 mm



**25-261 - 163
PAULSEN**
205 mm



25-261



25-262



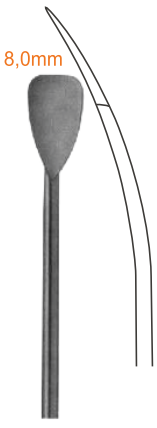
25-263



**25-264 - 265
PAULSEN**
205 mm

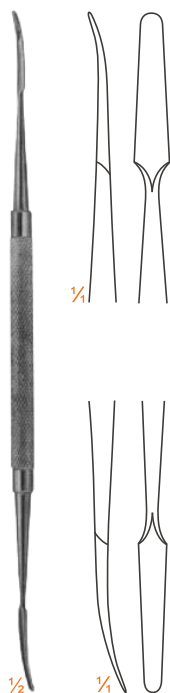


25-264

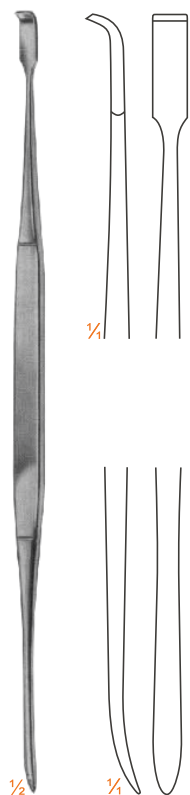


25-265

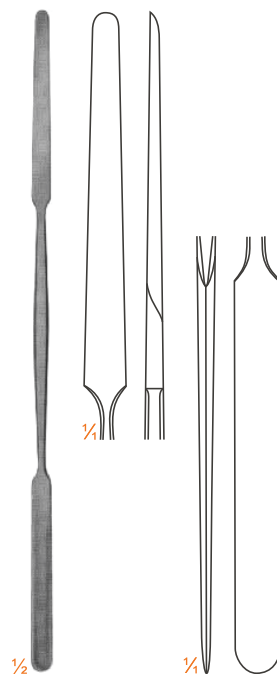
Bone Surgery



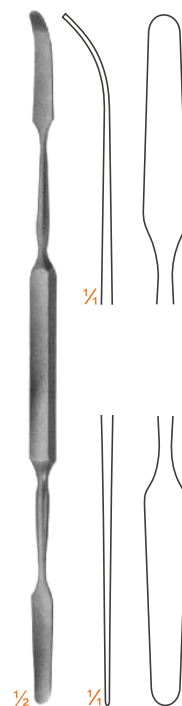
25-266
KILLIAN
sharp/blunt
185 mm



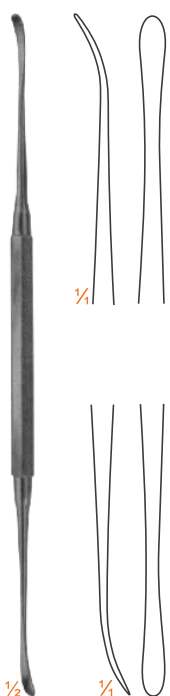
25-267
HOWARTH
sharp/blunt
215 mm



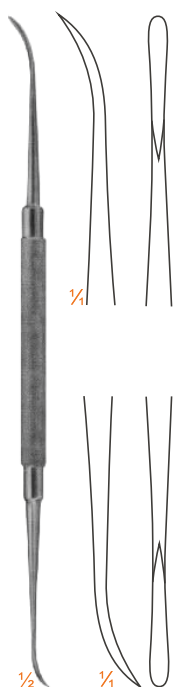
25-268
KILLIAN
sharp/blunt
185 mm



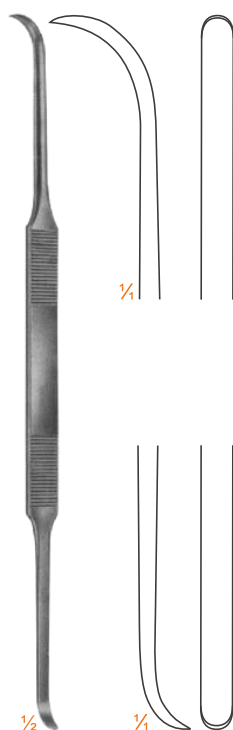
25-269
MAC DONALD
blunt/blunt
185 mm



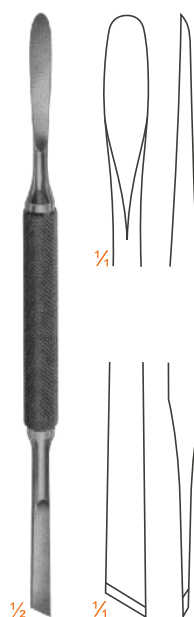
25-270
FREER
sharp/blunt
185 mm



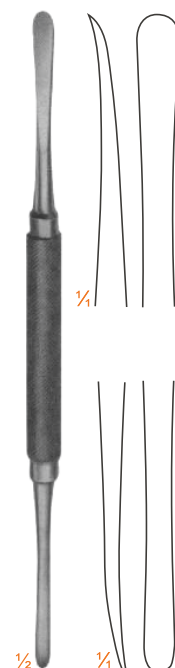
25-271
FREER-YASARGIL
sharp/sharp
185 mm



25-272
COTTLE
sharp/sharp
200 mm

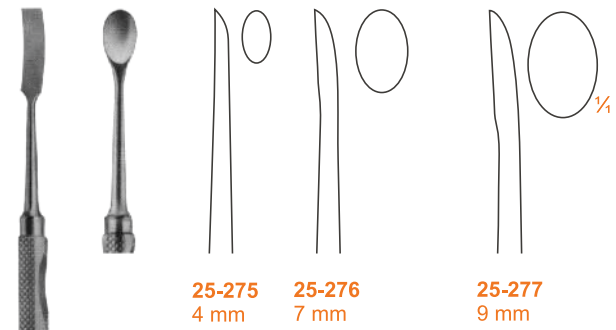


25-273
MEAD
sharp/sharp
165 mm

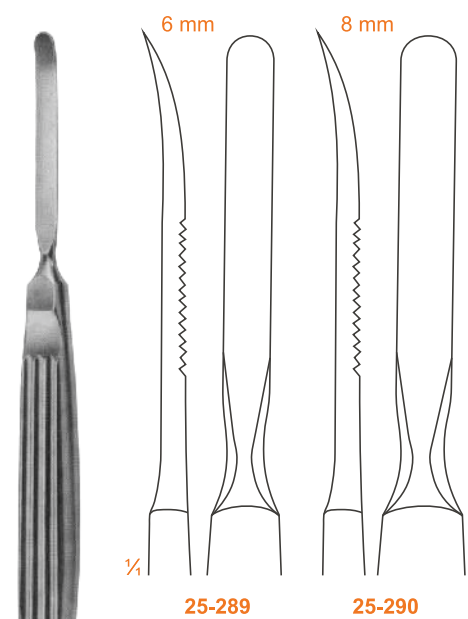
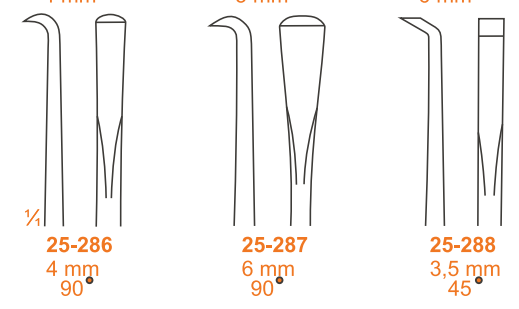
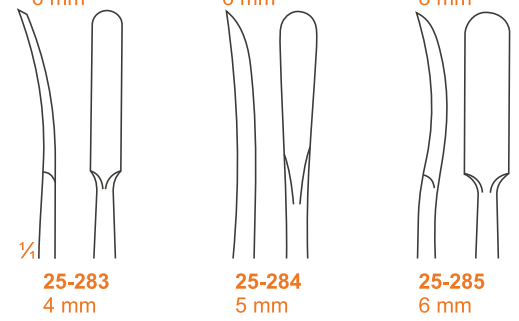
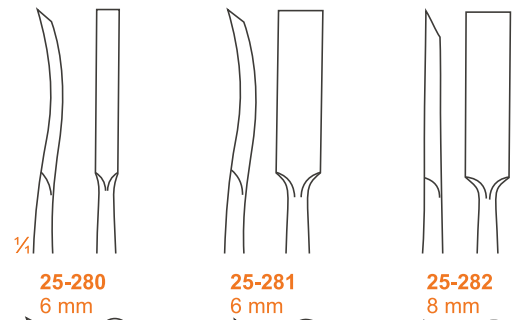
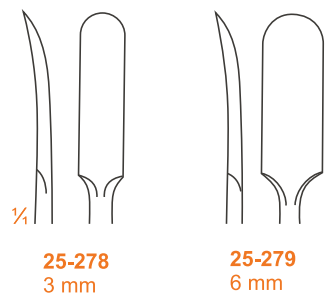


25-274
MOLT
sharp/sharp
180 mm

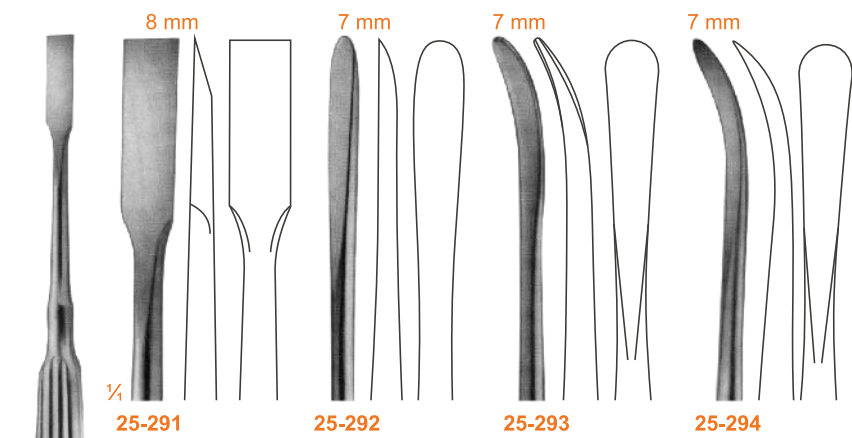
Periosteal Raspatories



25-275 - 288
MANNERFET
155 mm

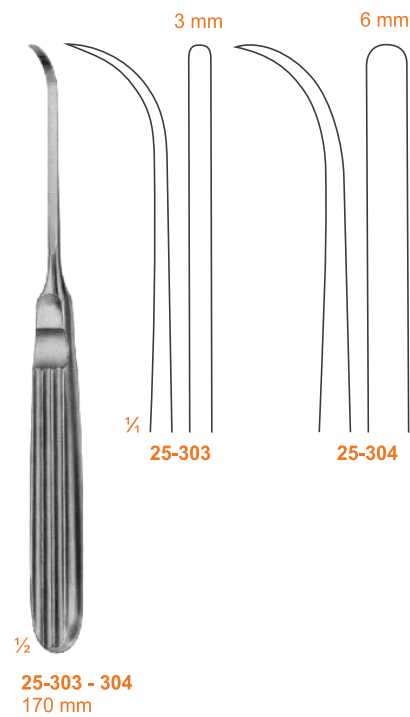
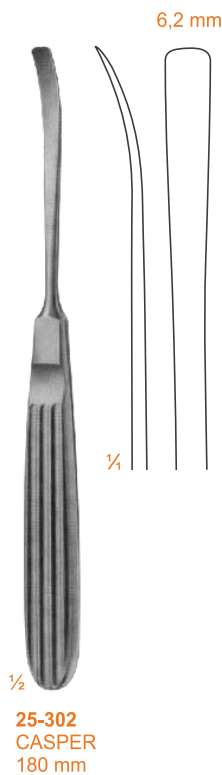
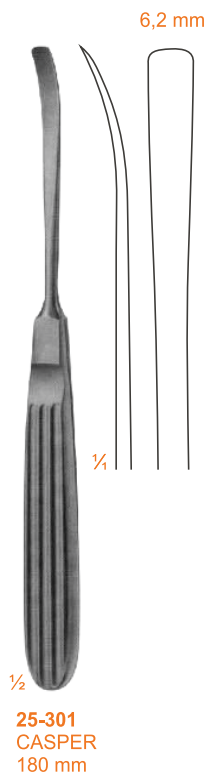
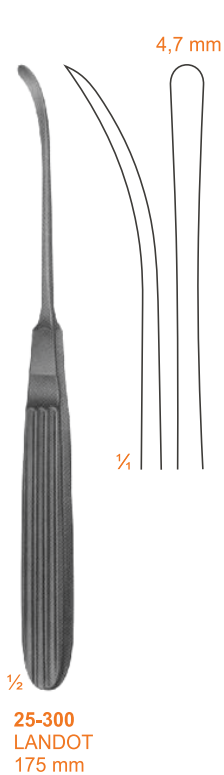
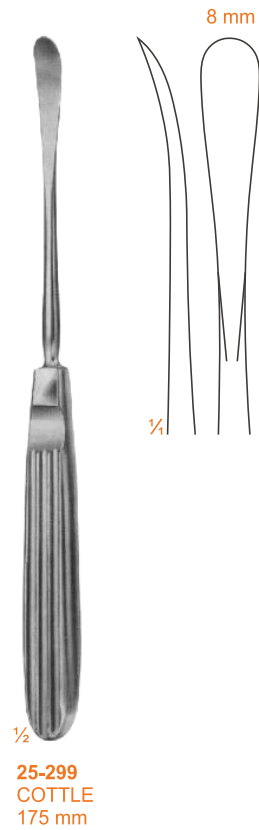
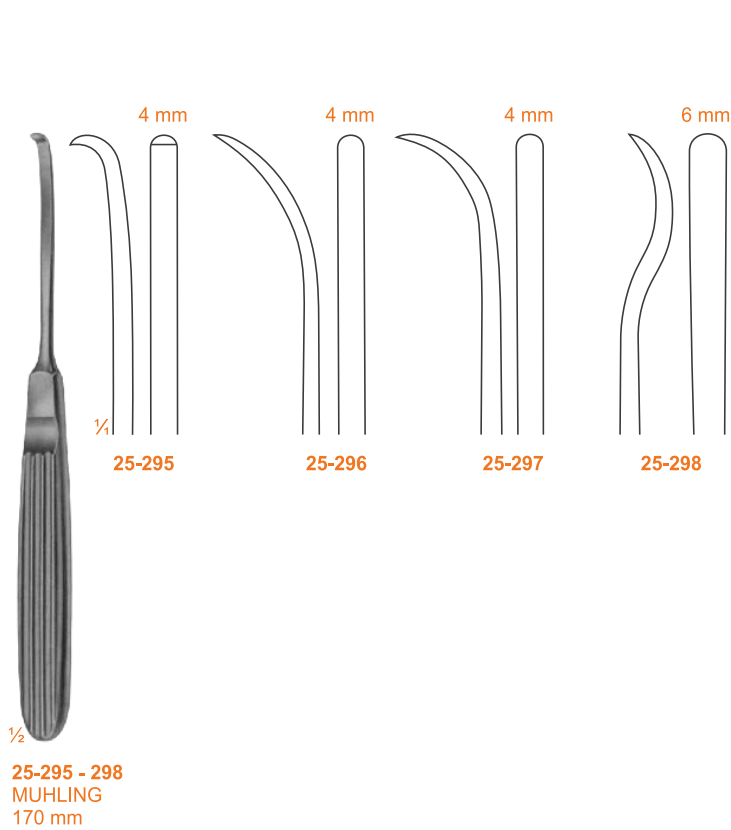


25-289 - 290
165 mm

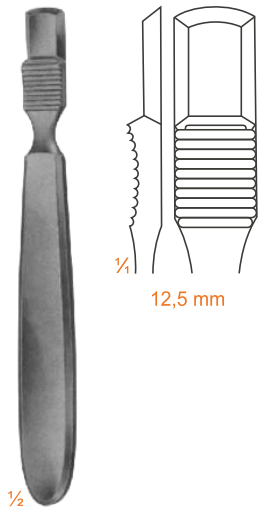


25-291 - 294
ADSON
170 mm

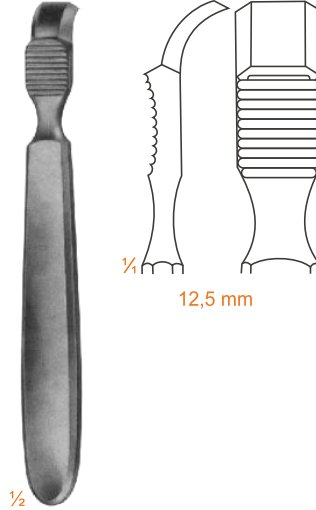
Periosteal Raspatories



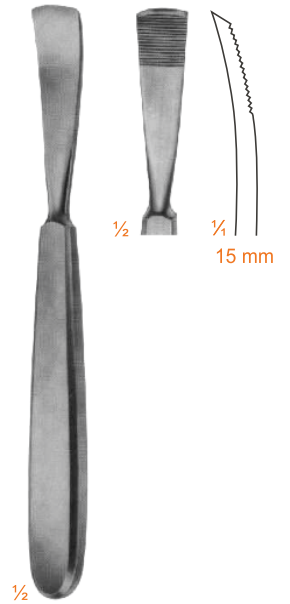
Periosteal Raspatories



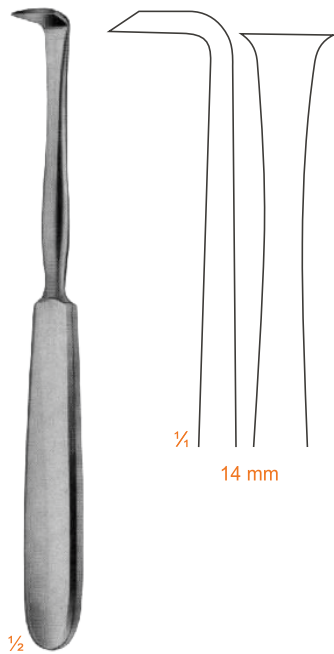
25-305
FARABEU
140 mm



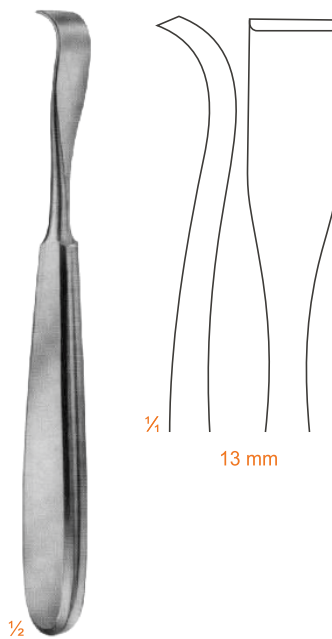
25-306
FARABEU
140 mm



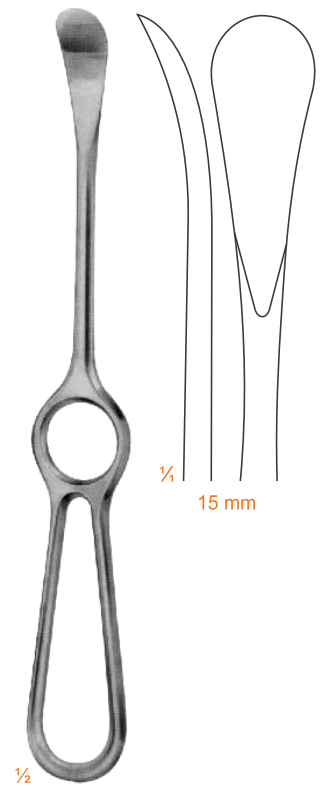
25-307
JANSEN
165 mm



25-308
LANGENBACK
180 mm

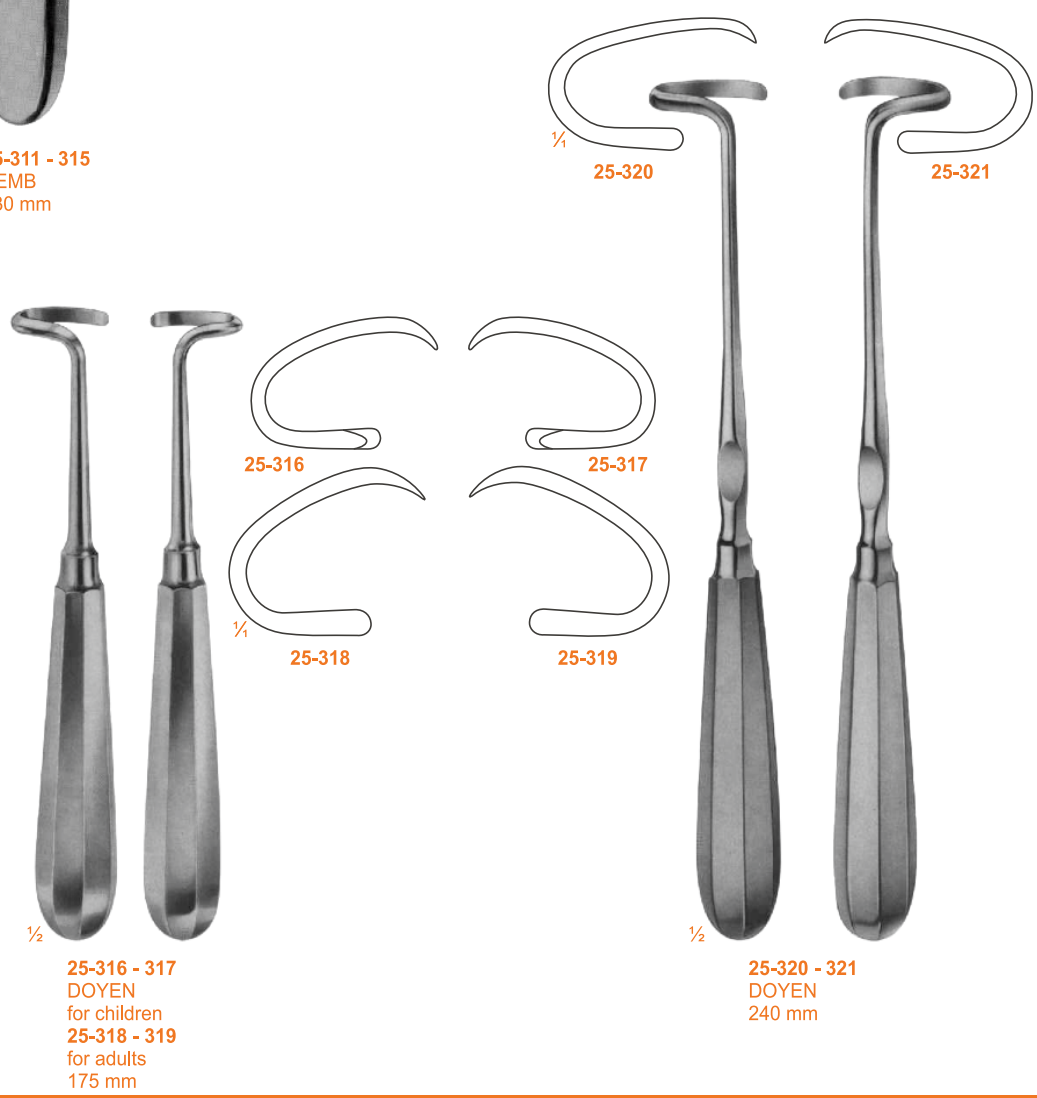


25-309
SCHNEIDER
175 mm



25-310
SEDILLOT
215 mm

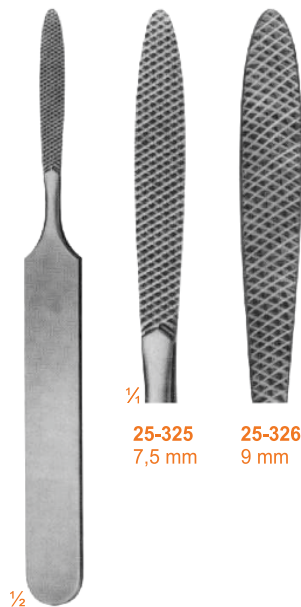
Bone Surgery



Periosteal Raspatories with HART PRESS Handles



Bone Surgery

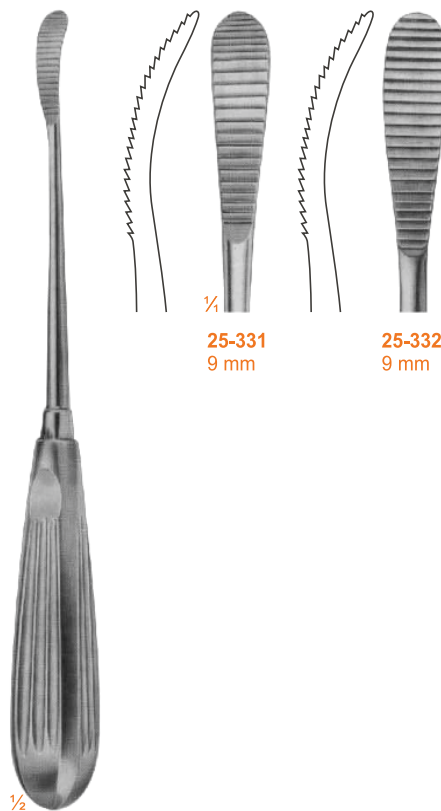


25-325
JOSEPH
fine, chequered

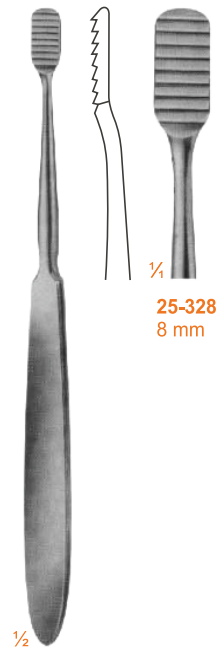
25-326
coarse, chequered
165 mm



25-330
MALTZ
down stroke
180 mm



25-331
AUFRICHT
up stroke
25-332
down stroke
220 mm



25-327
LEWIS
fine, teeth

25-328
8 mm

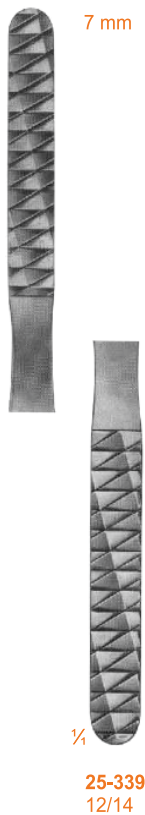
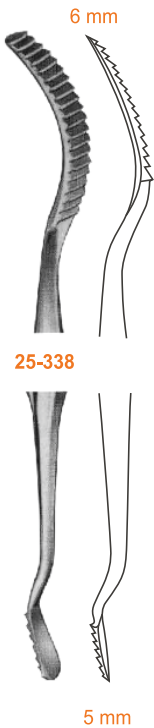
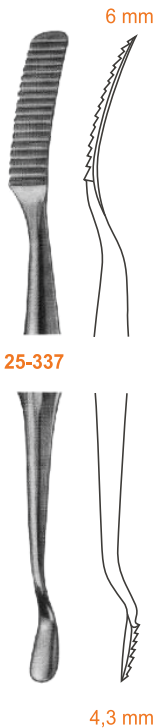
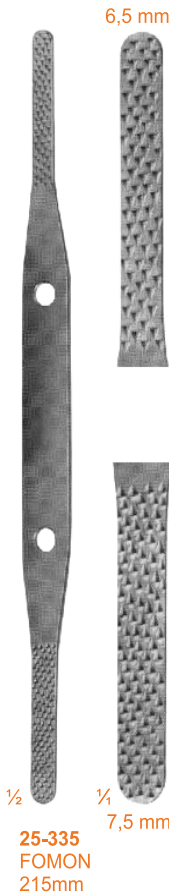
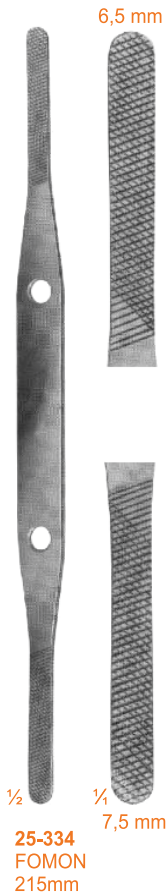


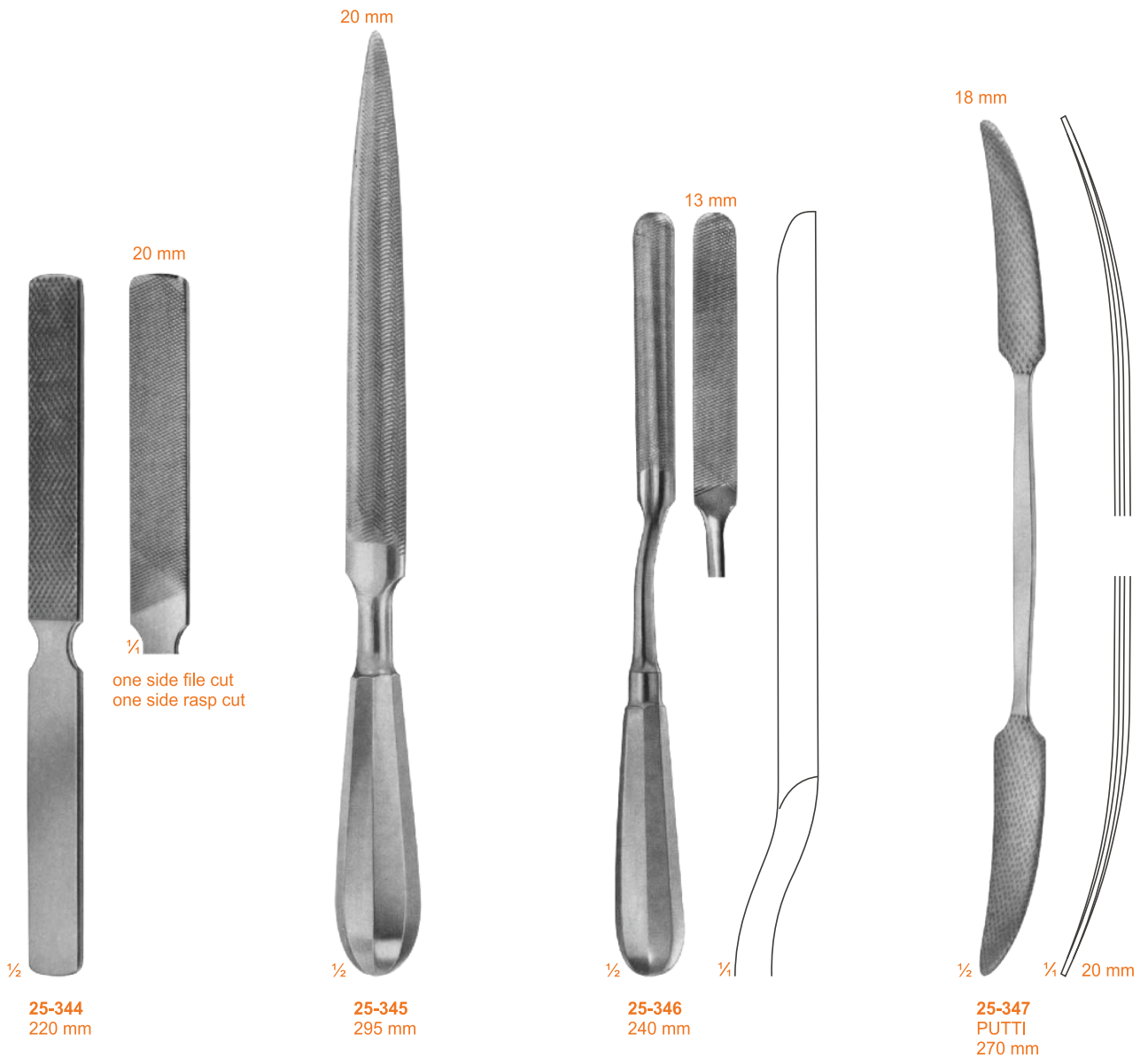
25-329
8 mm
coarse, teeth
175 mm



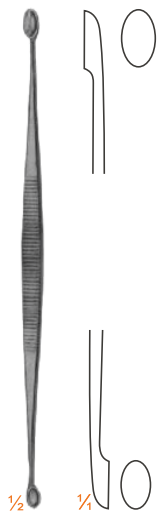
25-333
GALLAHER
190 mm

Bone Files and Rasps





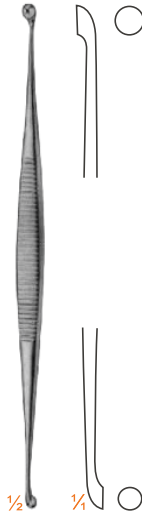
Bone Curettes



25-348
JACOBSON
140 mm



25-349
MARTINI
140 mm



25-350
MARTINI
140 mm



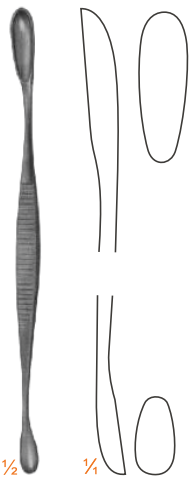
25-351
WILLIGER
145 mm



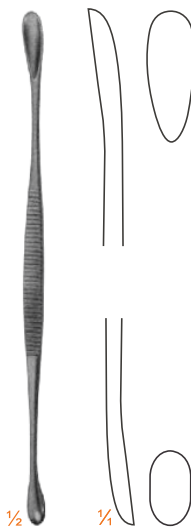
25-352
JANSEN
160 mm



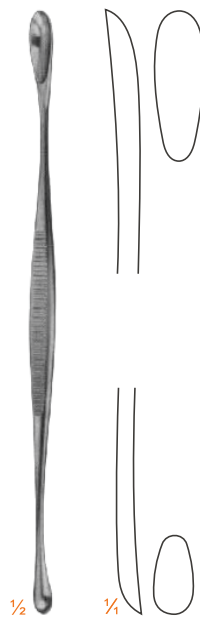
25-353
BARTH
180 mm



25-354
VOLKMANN
130 mm



25-355
VOLKMANN
145 mm

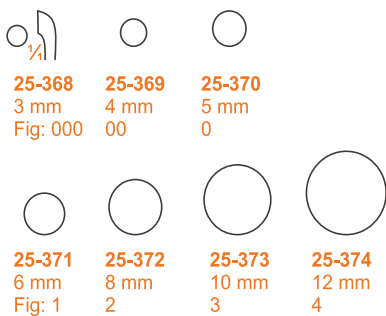


25-356
VOLKMANN
170 mm

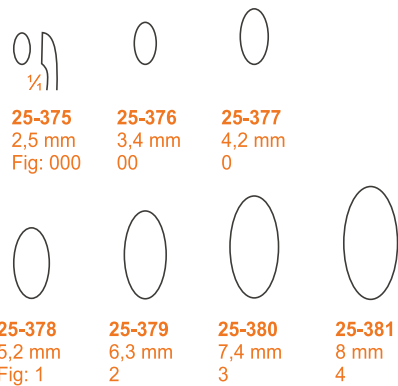
Bone Curettes



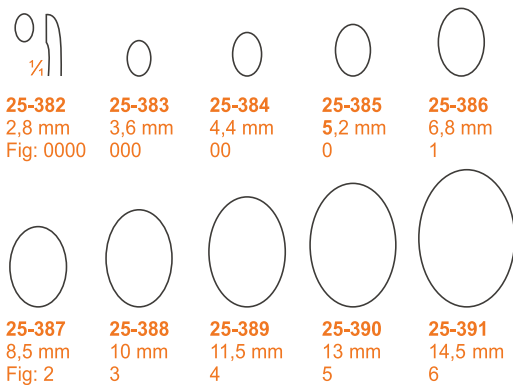
25-368 - 374
BRUNS
165 mm



25-375 - 381
SCHEDE
170 mm



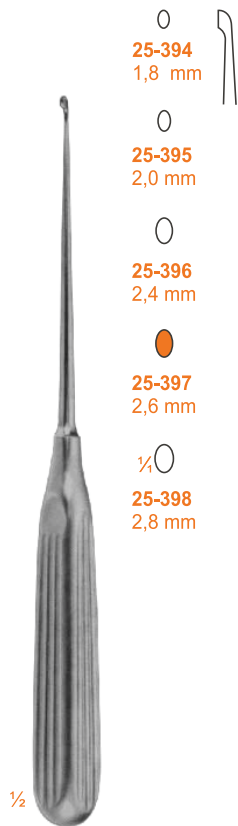
25-382 - 391
VOLKMANN
170 mm



25-392 - 393
WILLIGER
170 mm



Bone Curettes



25-394
1,8 mm

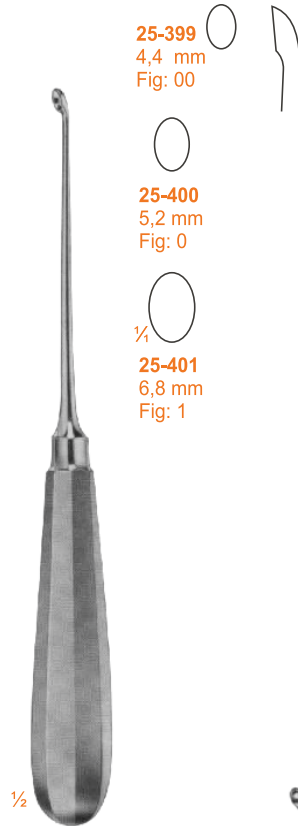
25-395
2,0 mm

25-396
2,4 mm

25-397
2,6 mm

25-398
2,8 mm

25-394 - 398
LEMPERT
215 mm

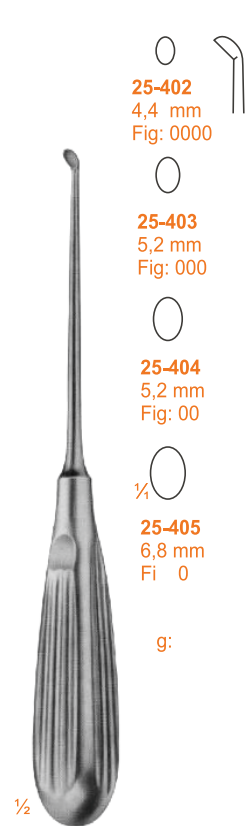


25-399
4,4 mm
Fig: 00

25-400
5,2 mm
Fig: 0

25-401
6,8 mm
Fig: 1

25-399 - 401
HALLE
215 mm



25-402
4,4 mm
Fig: 0000

25-403
5,2 mm
Fig: 000

25-404
5,2 mm
Fig: 00

25-405
6,8 mm
Fi 0

25-402 - 405
DAUBENSPECK
200 mm



25-406
3,6 mm
Fig: 000

25-407
4,4 mm
Fig: 00

25-408
5,2 mm
Fig: 0

25-409
6,8 mm
Fig: 1

25-406 - 409
250 mm



25-410
3,6 mm
Fig: 000

25-411
4,4 mm
Fig: 00

25-412
5,2 mm
Fig: 0

25-413
6,8 mm
Fig: 1

25-410 - 413
250 mm



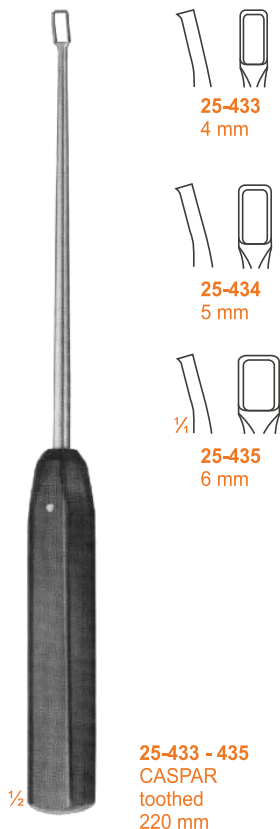
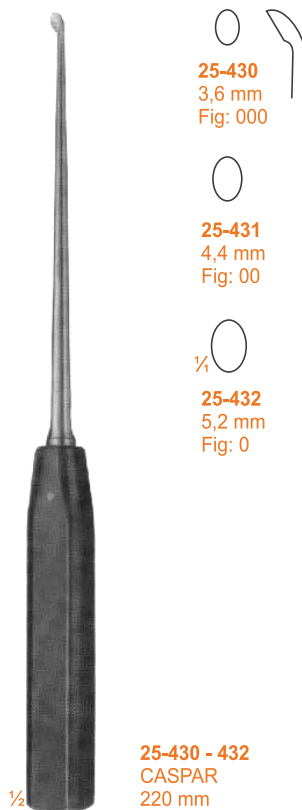
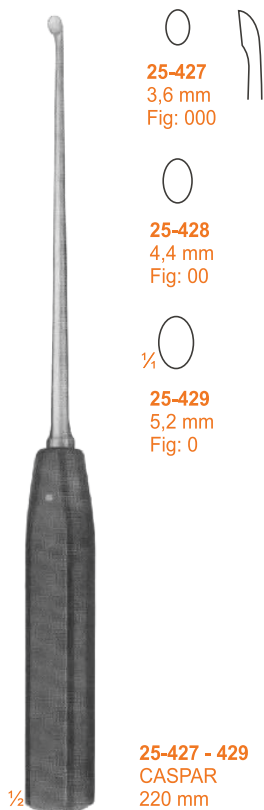
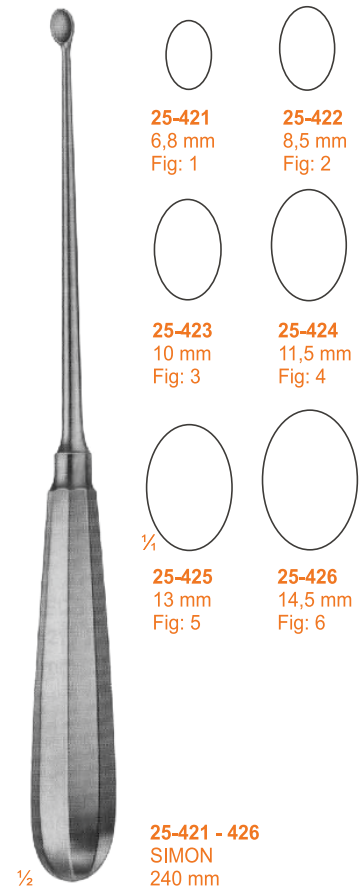
25-414
3 mm

25-415
4 mm

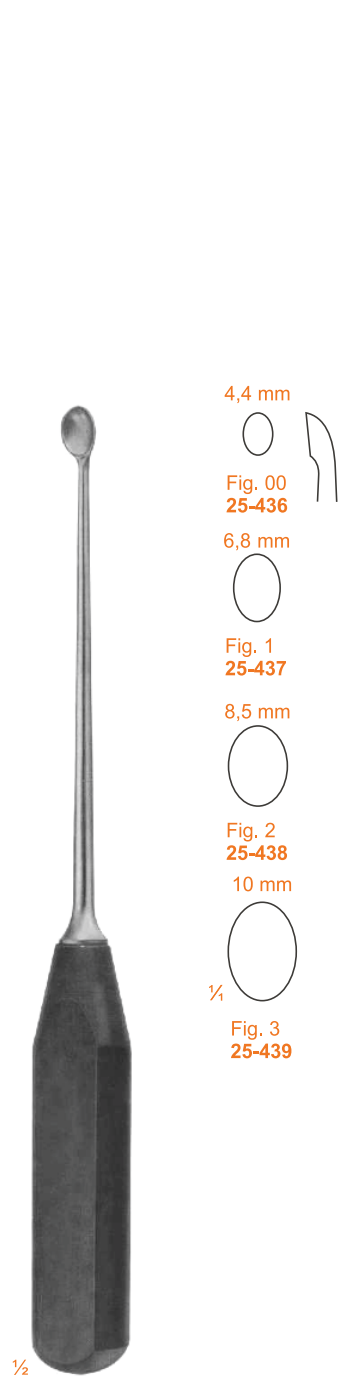
25-416
5 mm

25-414 - 416
BUSHE
250 mm

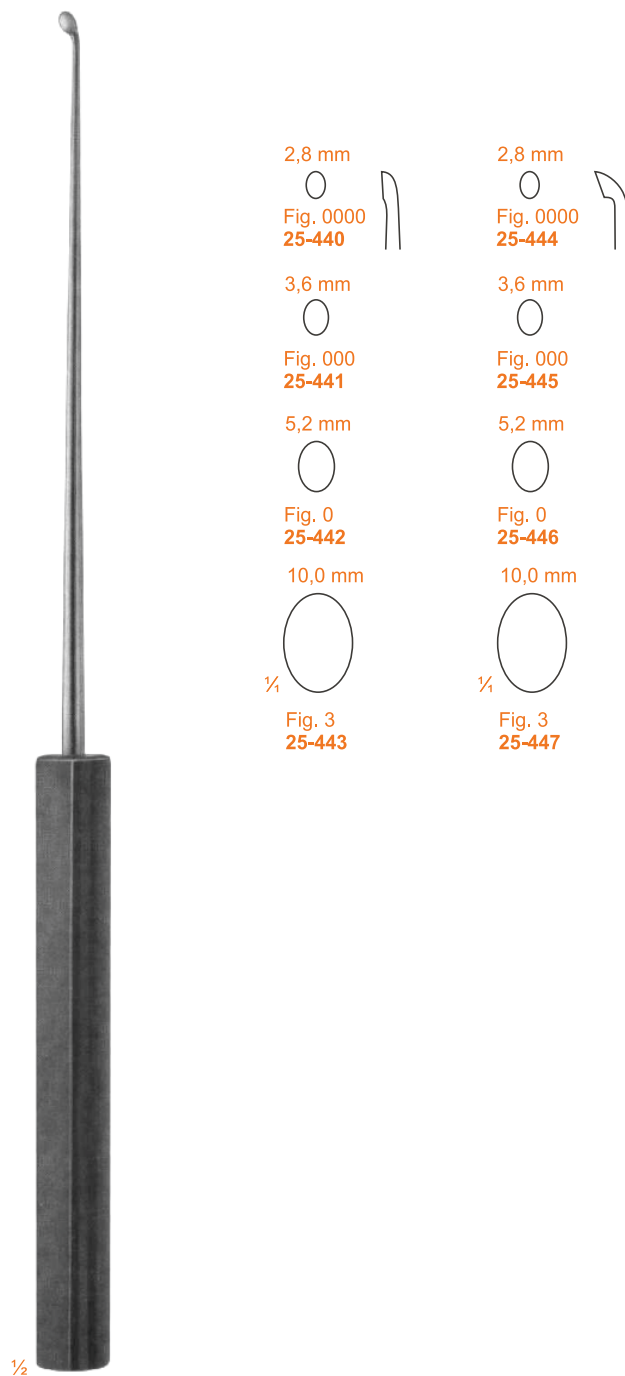
Bone Curettes



Bone Curettes



25-436 - 439
270 mm



25-440 - 447
SYPERT
380 mm

Mallets



Ø 20 mm

1/2

25-448
MEAD
185 g
with interchangeable
plastic disks
190 mm
25-449
pair of spare disks



1/2

25-450
140 g
with interchangeable
plastic disks
185 mm
25-451
pair of spare disks



Ø 25 mm

1/2

25-452
COTTLE
140 g
1 Seite convex
1 Side convex
185 mm



Ø 22 mm

1/2

25-453
165 g
lead filled head
190 mm

Mallets



Ø 27 mm

1/2

25-454
HAJEK
140 g
215 mm



1/2

25-455
215 g
with interchangeable
plastic disks
245 mm
25-456
pair of spare disks



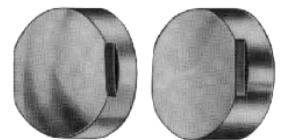
Ø 30 mm



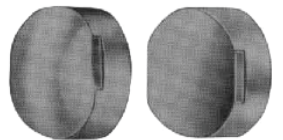
1/2

25-457 - 460
WAGNER
complete with:
1 pair of metal disks and
1 pair of plastic disks and
1 wrench 566
235 mm

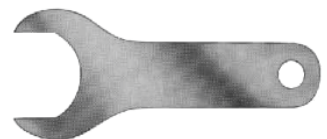
Ø 35 mm



25-458
1 metal disks, flat
1 metal disks, convex



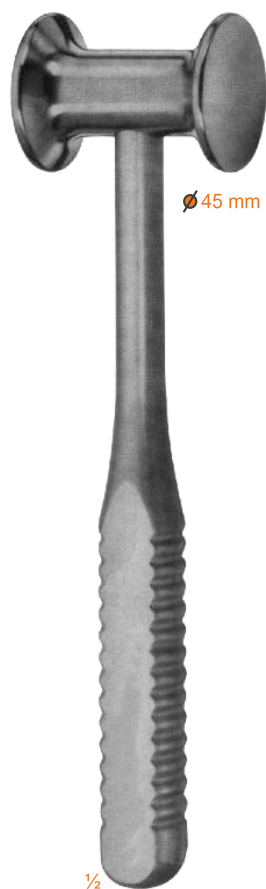
25-459
1 plastic disks, flat
1 plastic disks, convex



25-460
Wrench

Mallet without disks 130 g

Mallets



25-461
BERGMANN
245 mm



25-462
BERGMANN
235 mm

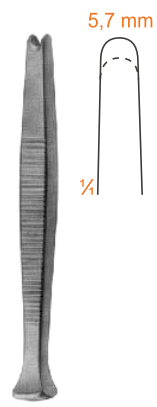


25-463
OMBREDANNE
240 mm



25-464
HEATH
copper filled head
700 g
185 mm

Tampers - Osteotomes, Chisels and Gouges



25-465
Haase
100 mm



25-466 - 467
PASSOW
120 mm



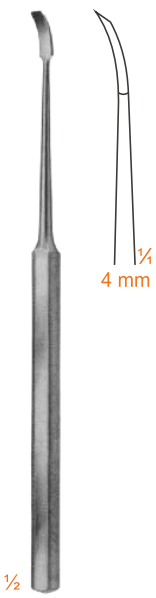
25-468 - 470
CASPER
200 mm



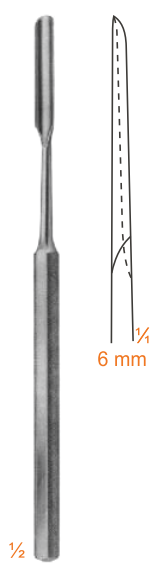
25-471 - 473
200 mm



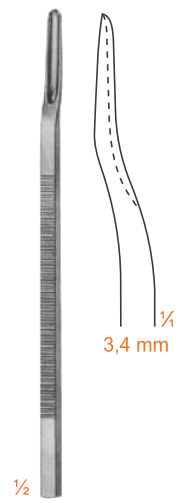
25-474
FREER
Chisel
160 mm



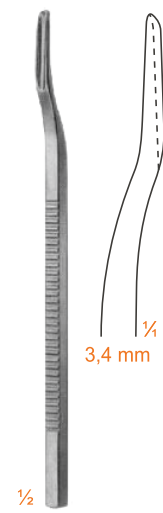
25-475
FREER
Chisel, curved
160 mm



25-476
FREER
Gouge
150 mm



25-477
Scaphoid gouge,
downwards curved
135 mm



25-478
Scaphoid gouge,
upwards curved
135 mm

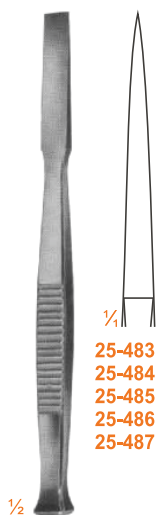


25-479 - 481
Mannerfelt
25-479 4 mm
25-480 6 mm
25-481 8 mm
155 mm

Osteotomes, Chisels and Gouges

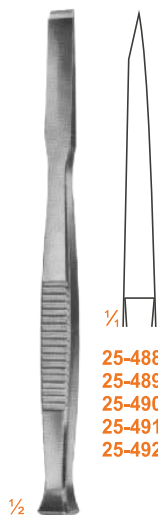


25-482
Mannerfelt
155 mm



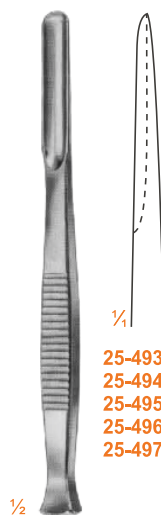
25-483 - 487
Osteotome
140 mm

25-483 4 mm
25-484 6 mm
25-485 8 mm
25-486 10 mm
25-487 12 mm



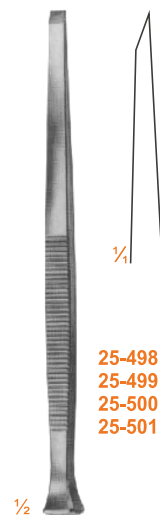
25-488 - 492
Chisels
140 mm

25-488 4 mm
25-489 6 mm
25-490 8 mm
25-491 10 mm
25-492 12 mm



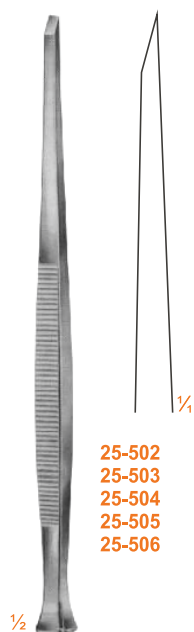
25-493 - 497
Gouges
140 mm

25-493 4 mm
25-494 6 mm
25-495 8 mm
25-496 10 mm
25-497 12 mm



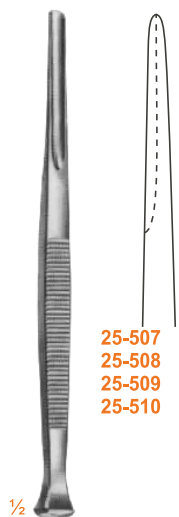
PARTSCH
25-498 - 501
Chisels
140 mm

25-498 3 mm
25-499 4 mm
25-500 5 mm
25-501 6 mm



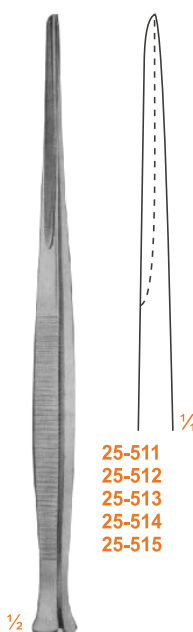
PARTSCH
25-502 - 506
Chisels
170 mm

25-502 3 mm
25-503 4 mm
25-504 5 mm
25-505 6 mm
25-506 7 mm



PARTSCH
25-507 - 510
Gouges
140 mm

25-507 3 mm
25-508 4 mm
25-509 5 mm
25-510 6 mm



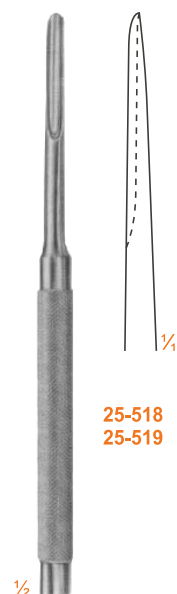
PARTSCH
25-511 - 515
Gouges
170 mm

25-511 3 mm
25-512 4 mm
25-513 5 mm
25-514 6 mm
25-515 7 mm



LUCAS
25-516 - 517
Chisels
160 mm

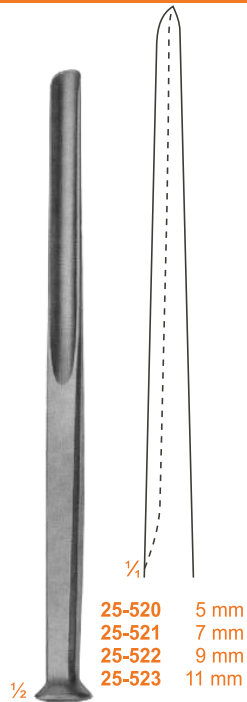
25-516 4 mm
25-517 6 mm



LUCAS
25-518 - 519
Gouges
160 mm

25-518 3 mm
25-519 5 mm

Osteotomes, Chisels and Gouges



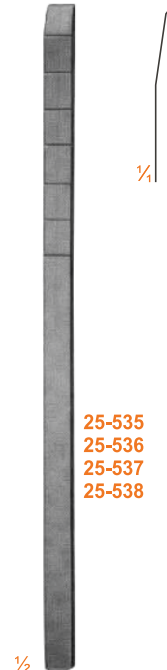
ALEXANDER
25-520 - 523
Gouges
170 mm



LAMBOTTE
25-524 - 529
Osteotome
125 mm



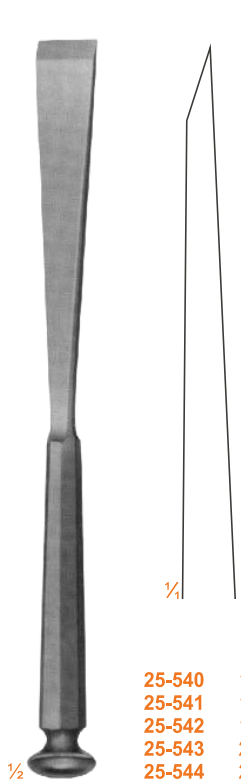
COTTLE
25-530 - 534
Osteotome with depth
markings
180 mm



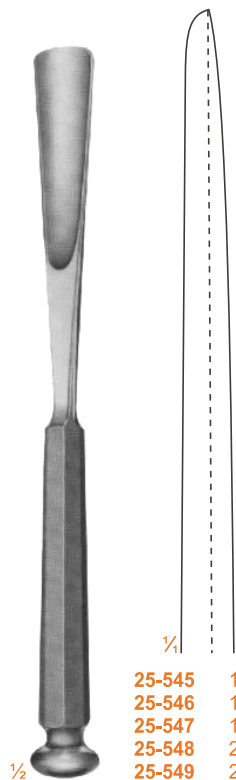
COTTLE
25-535 - 538
Chisel-Osteotomes
with depth markings
180 mm



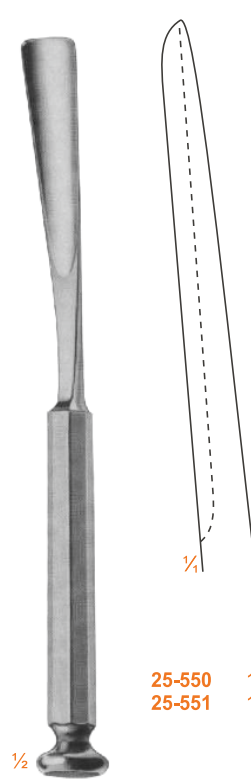
COTTLE
25-539
Fishtail Chisel,
with protected ends
180 mm



STILLE
25-540 - 544
Chisels
205 mm



STILLE
25-545 - 549
Gouges
205 mm



WALTER
25-550 - 551
Osteotomes
gouges for taking
grafts from the rib
205 mm



STILLE
25-552 - 556
Osteotomes
205 mm

Osteotomes



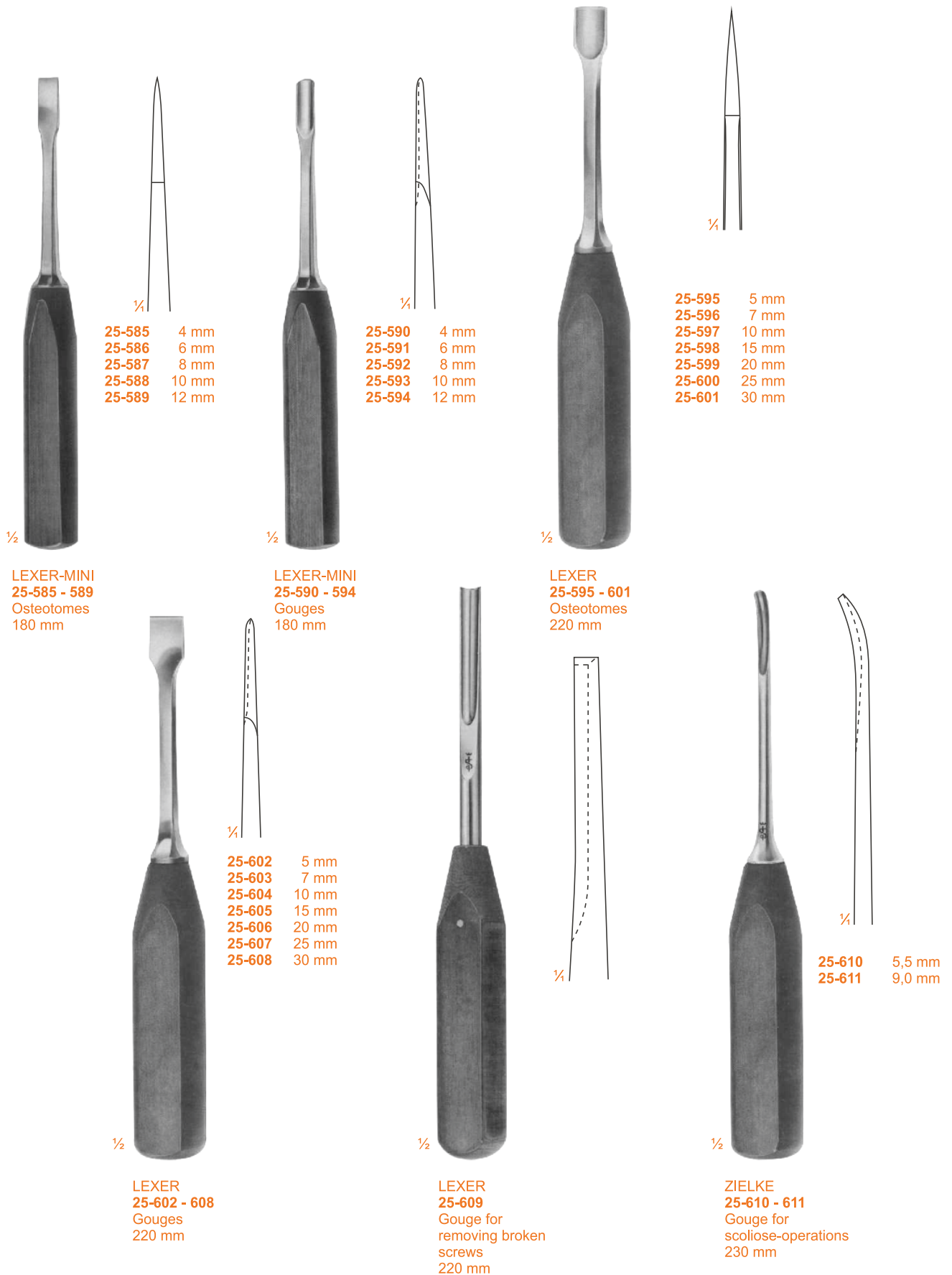
STILLE
25-557 - 561
Osteotomes
205 mm

STILLE
25-562 - 566
Osteotomes, curved
205 mm

LAMBOTTE
25-567 - 578
Osteotomes
245 mm

LAMBOTTE
25-579 - 584
Osteotomes, curved
245 mm

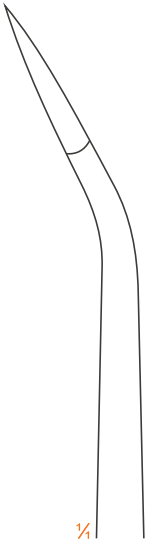
Osteotomes, Chisels and Gouges with HART PRESS Handles



Osteotomes, Chisels and Gouges with HART PRESS Handles



1/2



1/4

25-612 10 mm
25-613 15 mm



1/2



1/4

25-614 10 mm
25-615 15 mm



1/2



1/4

20 mm

25-616
Chisel
245 mm



1/2



1/4

16 mm

25-617
Chisel, curved
265 mm

LEXER
25-612 - 613
Osteotomes,
angled
275 mm

LEXER
25-614 - 615
Gouges,
angled
275 mm



25-635
Sequestrum
forceps
200 mm



25-636
VAN BUREN
Sequestrum
forceps
225 mm

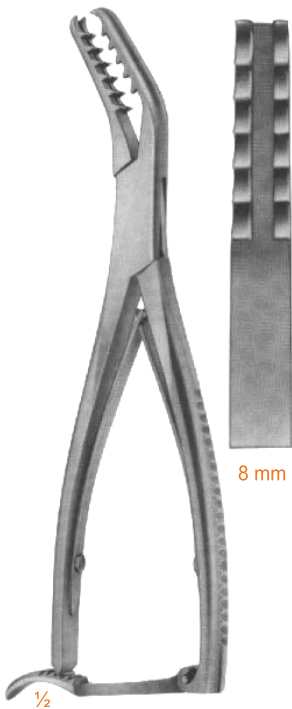
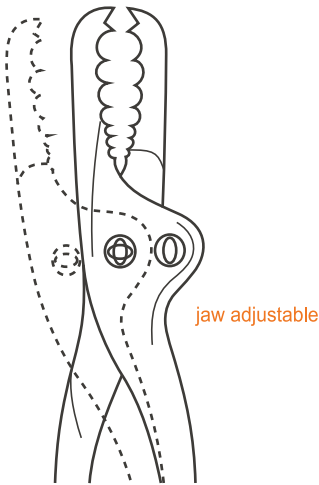


25-637
LANGENBECK
Sequestrum
forceps
205 mm



25-638
FERGUSON
205 mm

Bone Holding Forceps



25-639
SEMB
190 mm



25-640
FARABEU
230 mm



25-641
FARABEU
255 mm

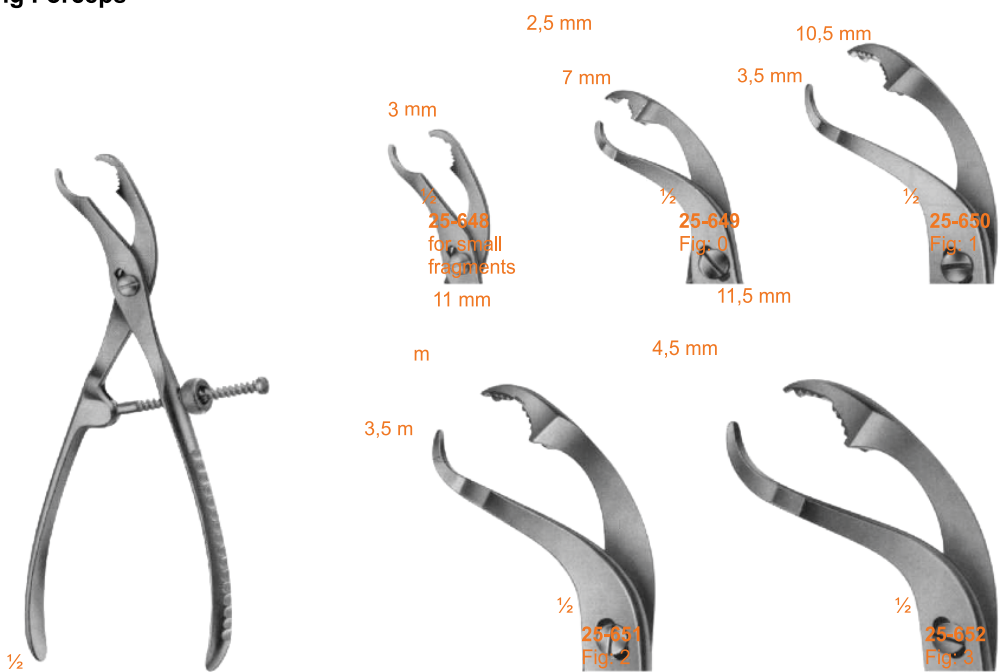


25-642
FARABEU-LAMBOTTE
255 mm

Bone Holding Forceps



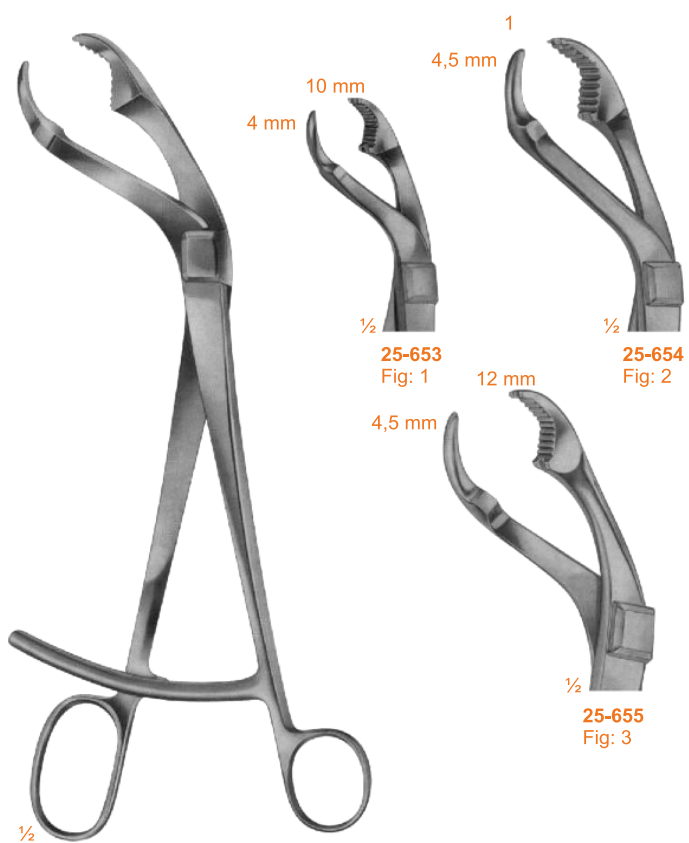
Bone Holding Forceps



25-648 - 652

- 25-648** 145 mm
- 25-649** 190 mm
- 25-650** 240 mm
- 25-651** 260 mm
- 25-652** 280 mm

ng forceps
fixation
Self-centeri
with thread
1 mm



25-653 - 655
VERBRUGGE
with lip joint
255 mm
265 mm
270 mm

10 mm
moveable jaw
adjustable jaw



25-656
LAMBOTTE
265 mm

Bone Clamps



25-657 - 658
LOWMAN
25-657 170 mm
25-658 205 mm



25-659
LOWMAN-GERSTER
210 mm



25-660
LOWMAN-HOGLUND
175 mm

Synovectomy and Bone Rongeurs



25-661 - 662
Synovectomy rongeur
width of jaws 1.2 mm
130 mm



25-663 - 664
Synovectomy rongeur
width of jaws 2.0 mm
130 mm



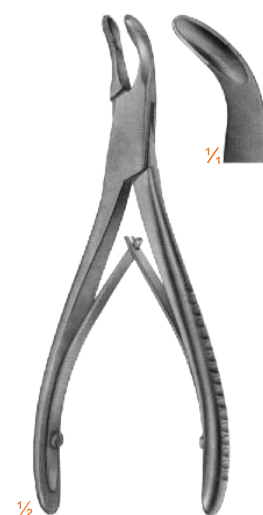
25-665
STELLBRINK
Synovectomy rongeur
175 mm



25-666
STELLBRINK
Synovectomy rongeur
170 mm



25-667
LURE-FRIEDMANN
145 mm

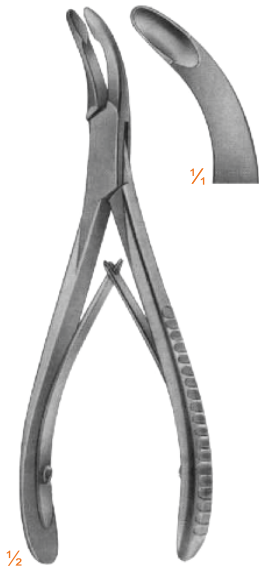


25-668
140 mm

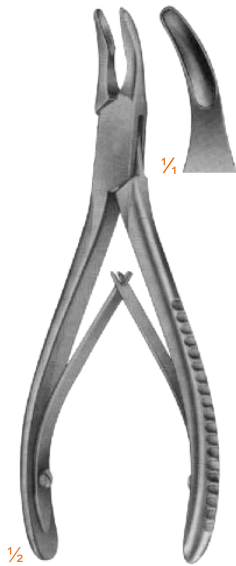
Bone Rongeurs



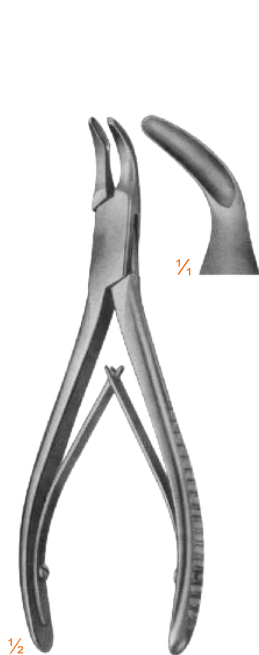
25-669
LURE
150 mm



25-670
LURE
155 mm



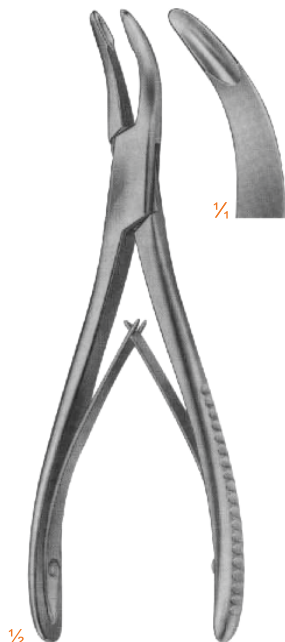
25-671
BLUMENTHAL
155 mm



25-672
BLUMENTHAL
150 mm

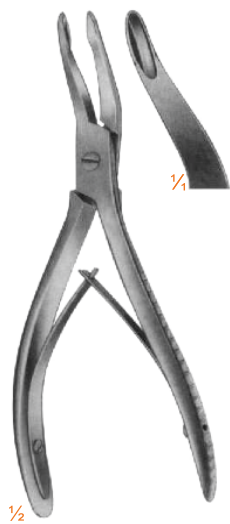


25-673 - 674
JANSEN
175 mm

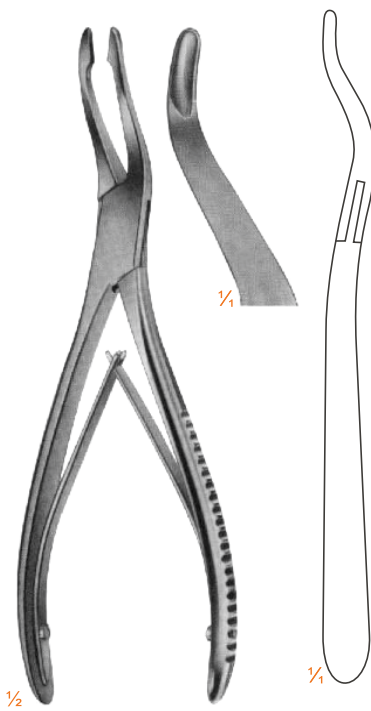


25-675
BANE-HARTMANN
175 mm

Bone Rongeurs



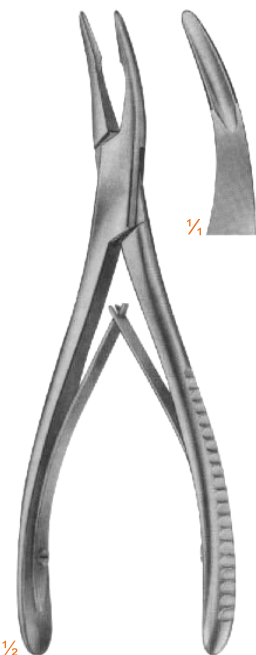
25-676
ALEXANDER
140 mm



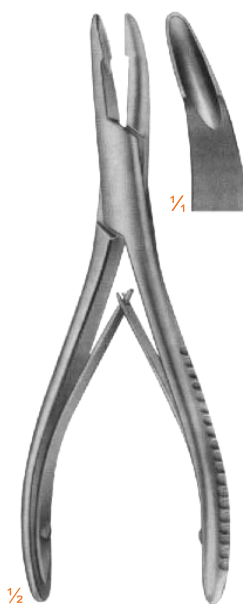
25-677
JANSEN
190 mm



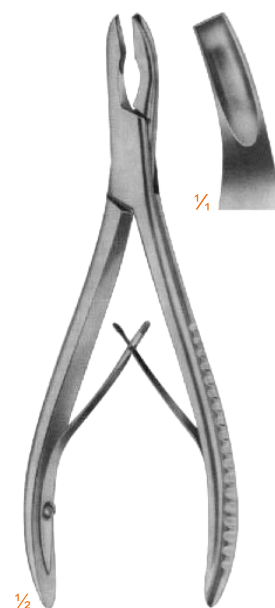
25-678 - 679
LEMPERT
200 mm



25-680
BEYER
180 mm



25-681
MEAD
165 mm



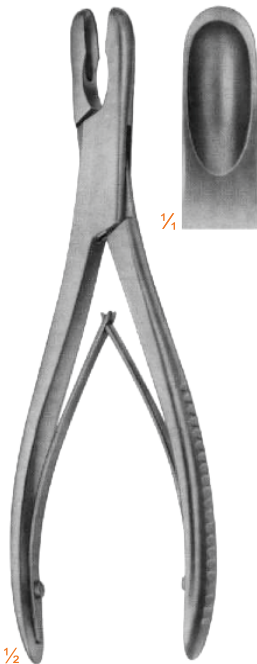
25-682
MEAD
165 mm

Bone Rongeurs

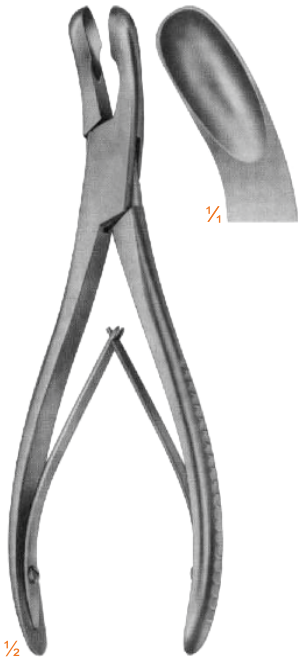


25-683 25-684

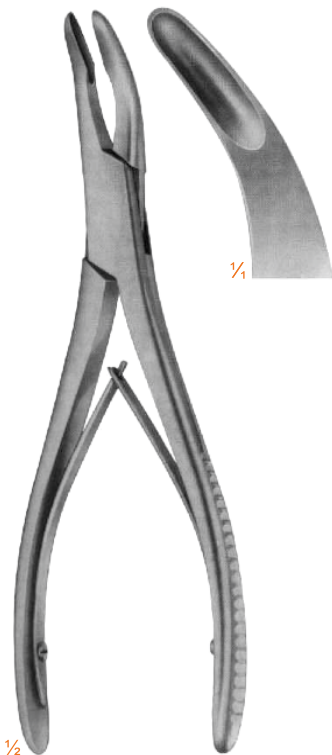
25-683 - 684
LURE
175 mm



25-685
LURE
180 mm



25-686
LURE
180 mm



25-687
OLIVECRONA
205 mm



25-688 - 689
BOHLER
155 mm



25-690
MARQUARTD
200 mm

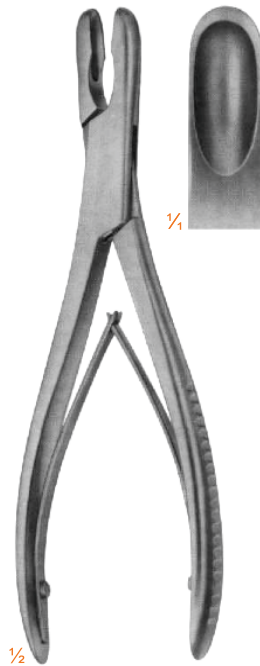
Bone Rongeurs



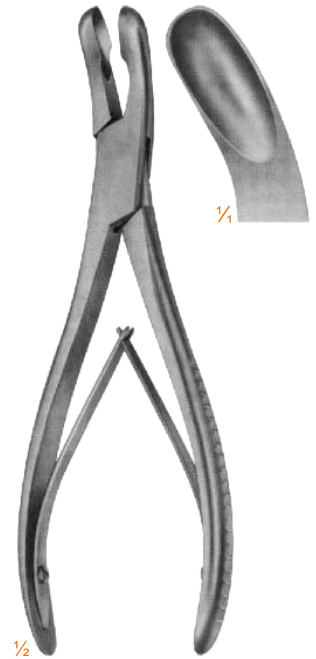
25-683

25-684

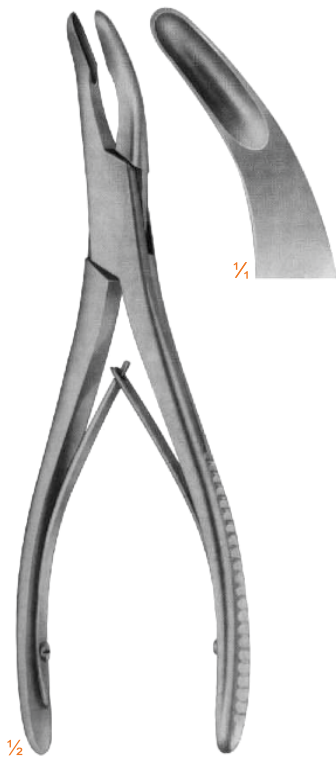
25-683 - 684
LURE
175 mm



25-685
LURE
180 mm



25-686
LURE
180 mm



25-687
OLIVECRONA
205 mm



25-688

25-689

25-688 - 689
BOHLER
155 mm



25-690
MARQUARTD
200 mm

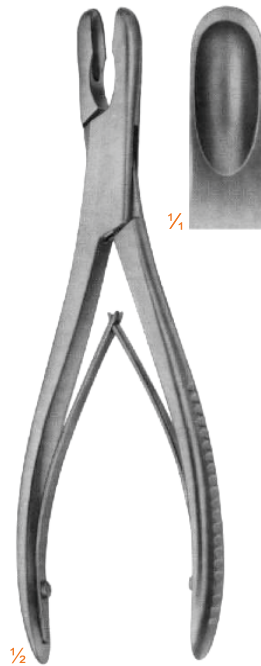
Bone Rongeurs



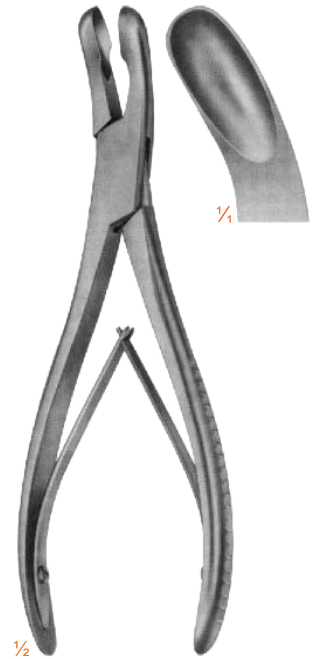
25-683

25-684

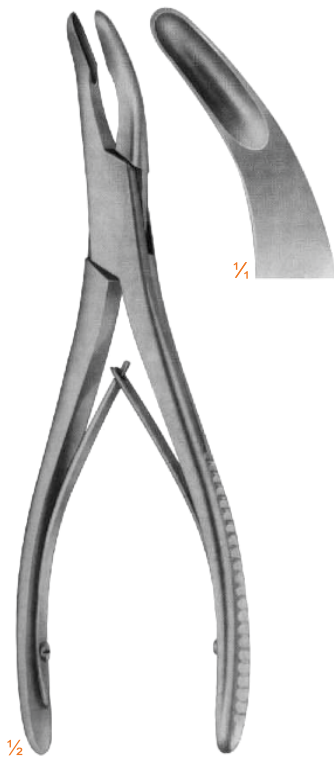
25-683 - 684
LURE
175 mm



25-685
LURE
180 mm



25-686
LURE
180 mm



25-687
OLIVECRONA
205 mm



25-688

25-689

25-688 - 689
BOHLER
155 mm



25-690
MARQUARTD
200 mm

Synovectomy and Bone Rongeurs



25-661 - 662
Synovectomy rongeur
width of jaws 1.2 mm
130 mm



25-663 - 664
Synovectomy rongeur
width of jaws 2.0 mm
130 mm



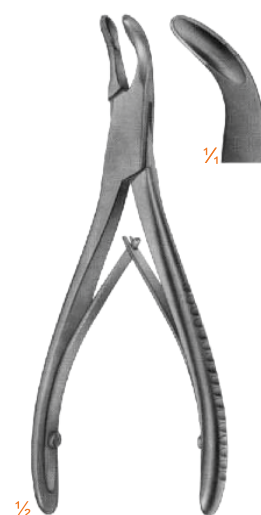
25-665
STELLBRINK
Synovectomy rongeur
175 mm



25-666
STELLBRINK
Synovectomy rongeur
170 mm



25-667
LURE-FRIEDMANN
145 mm

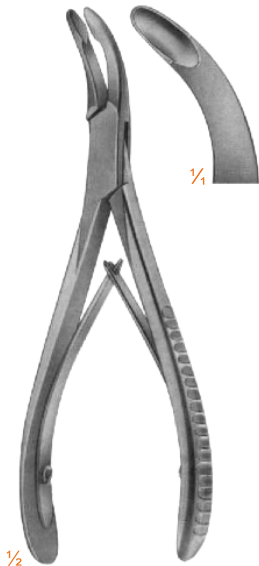


25-668
140 mm

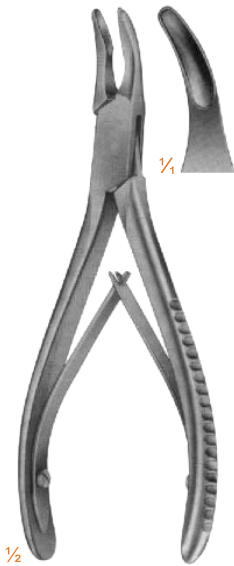
Bone Rongeurs



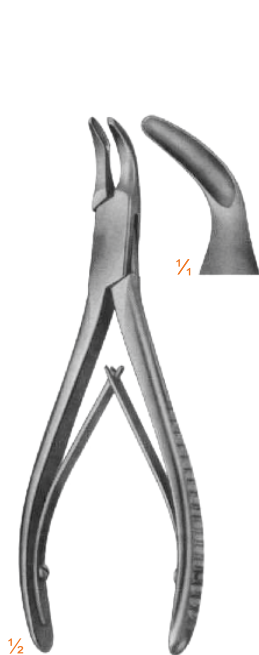
25-669
LURE
150 mm



25-670
LURE
155 mm



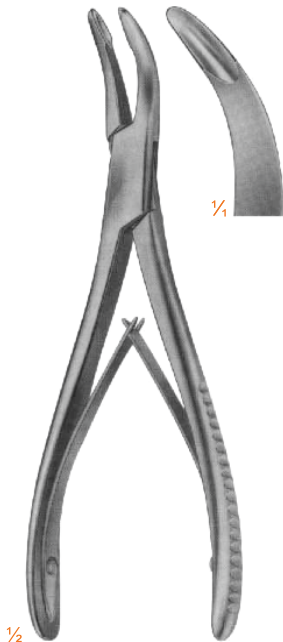
25-671
BLUMENTHAL
155 mm



25-672
BLUMENTHAL
150 mm

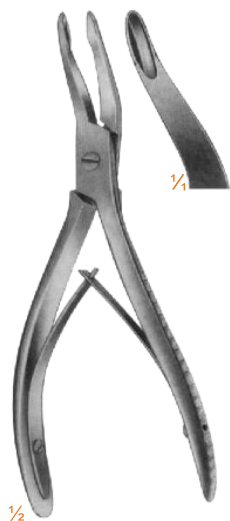


25-673 - 674
JANSEN
175 mm

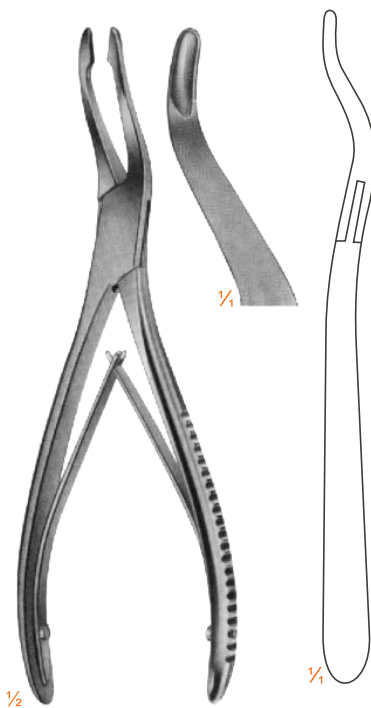


25-675
BANE-HARTMANN
175 mm

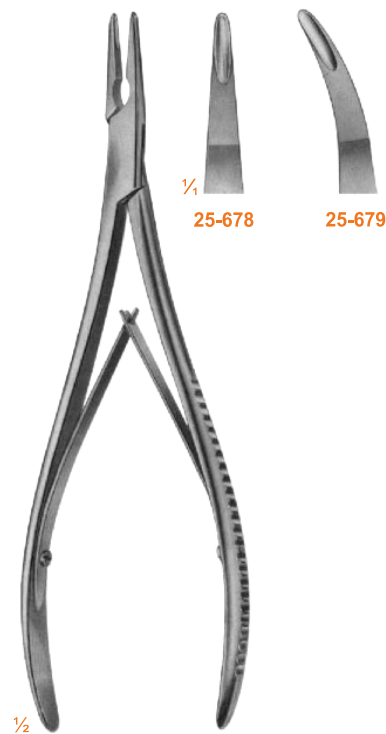
Bone Rongeurs



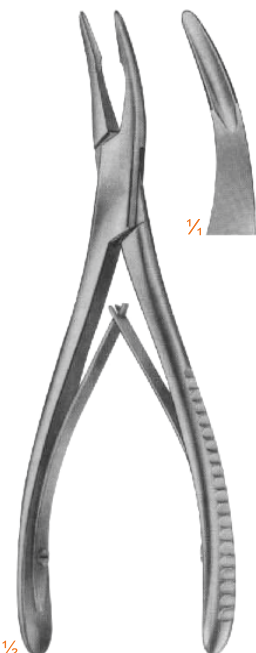
25-676
ALEXANDER
140 mm



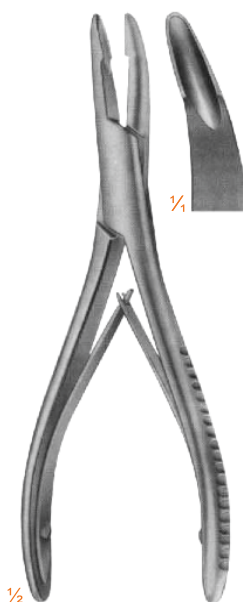
25-677
JANSEN
190 mm



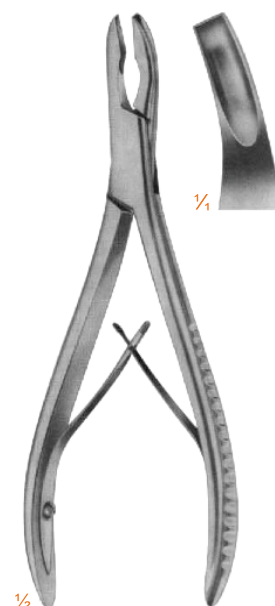
25-678 - 679
LEMPERT
200 mm



25-680
BEYER
180 mm

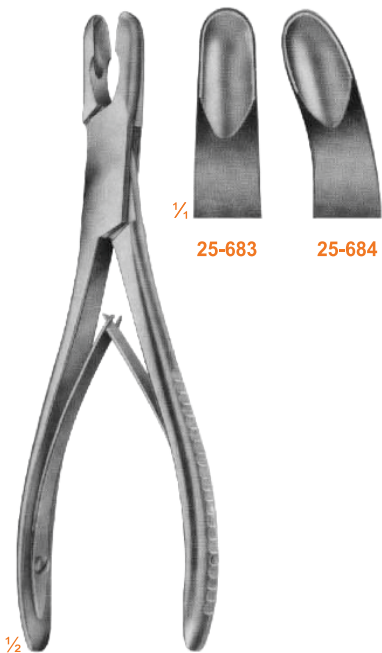


25-681
MEAD
165 mm



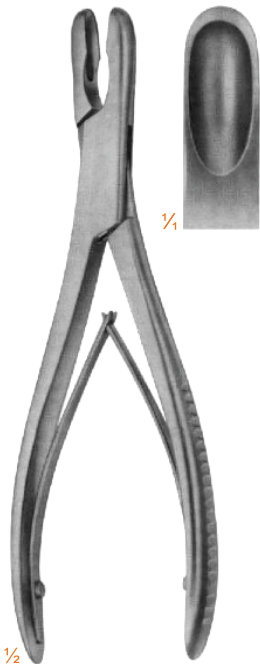
25-682
MEAD
165 mm

Bone Rongeurs

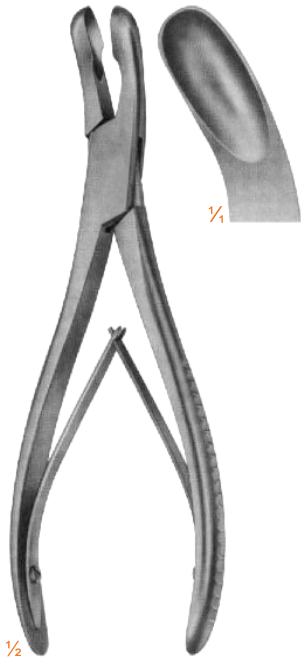


25-683 25-684

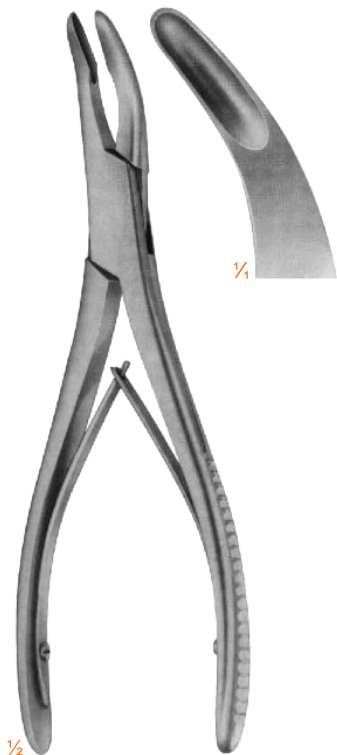
25-683 - 684
LURE
175 mm



25-685
LURE
180 mm



25-686
LURE
180 mm



25-687
OLIVECRONA
205 mm



25-688 - 689
BOHLER
155 mm



25-690
MARQUARTD
200 mm

Bone Rongeurs



25-691
RUSKIN
190 mm



25-692
ROTTGEN-RUSKIN
240 mm



25-693 - 694
ECHLIN
230 mm

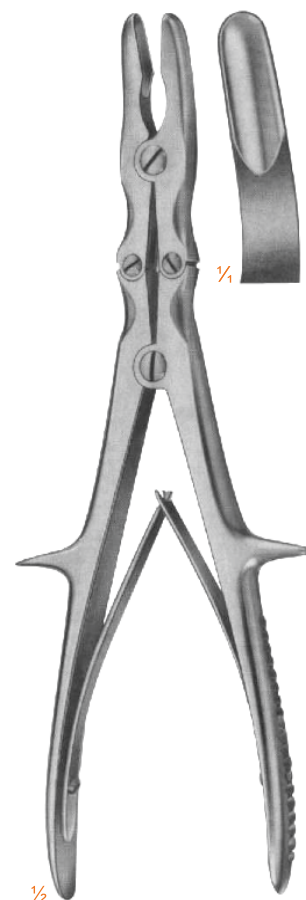
Bone Rongeurs



25-695
STILLE
235 mm

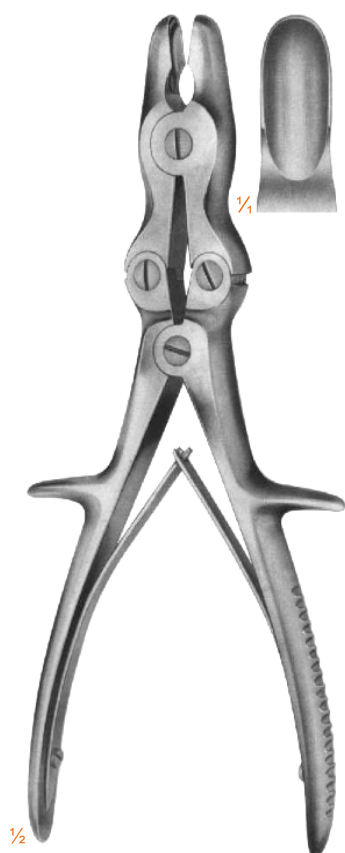


25-696
LEKSELL-STILLE
240mm



25-697
STILLE-RUSKIN
240mm

Bone Rongeurs



25-698
LURE-STILLE
225 mm

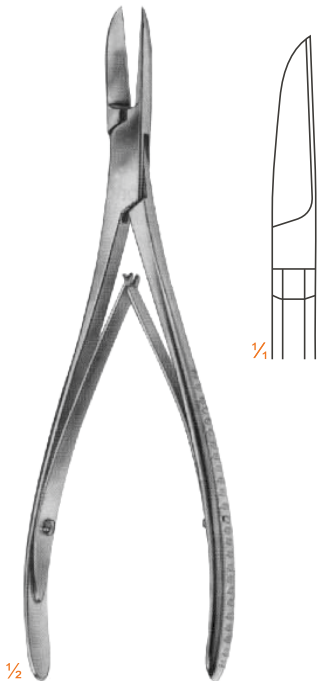


25-699
LURE-STILLE
225 mm

Bone Cutting Forceps



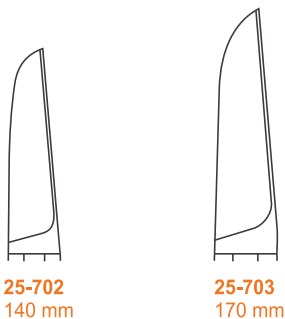
25-700
STAMM
150 mm



25-701
KAZANJIAN
185 mm



25-702 - 705
LISTON



25-702
140 mm



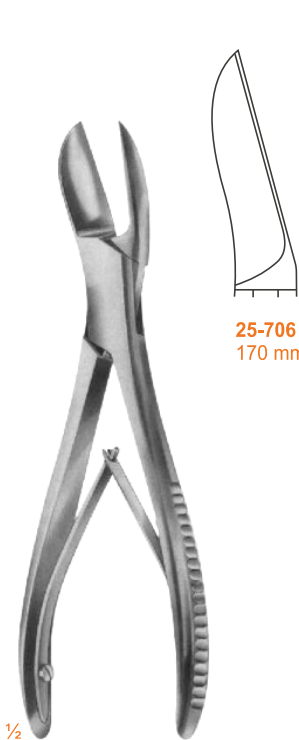
25-703
170 mm



25-704
200 mm



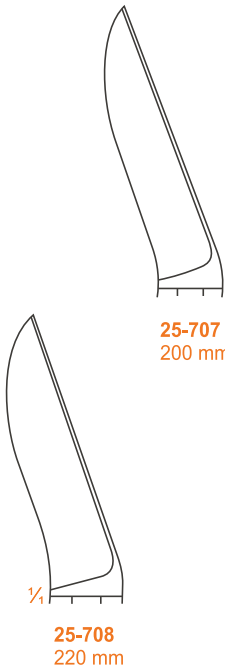
25-705
220 mm



25-706 - 708
LISTON



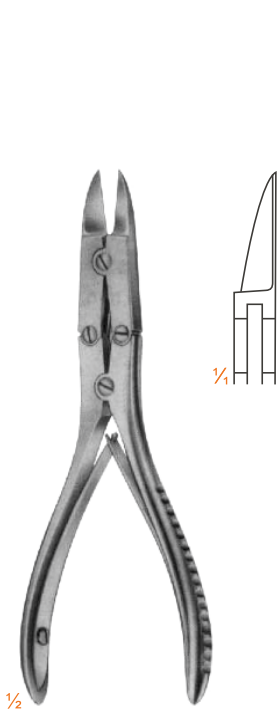
25-706
170 mm



25-707
200 mm

25-708
220 mm

Bone Cutting Forceps



25-709
BOHLER
145 mm

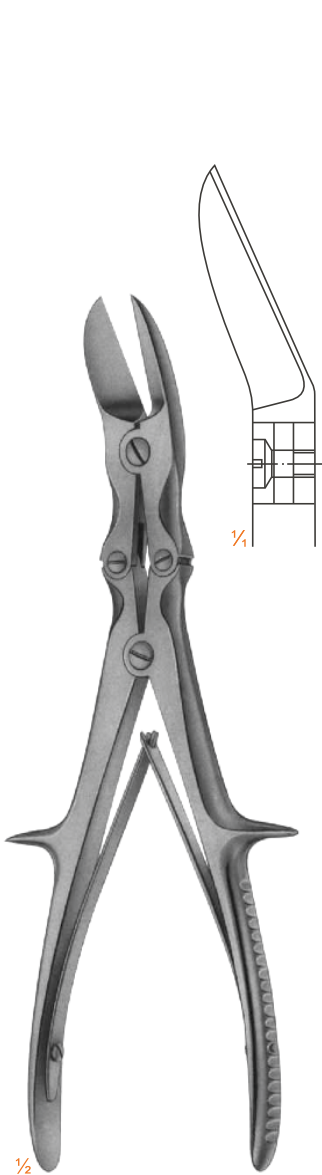


25-710
RUSKIN-LISTON
190 mm

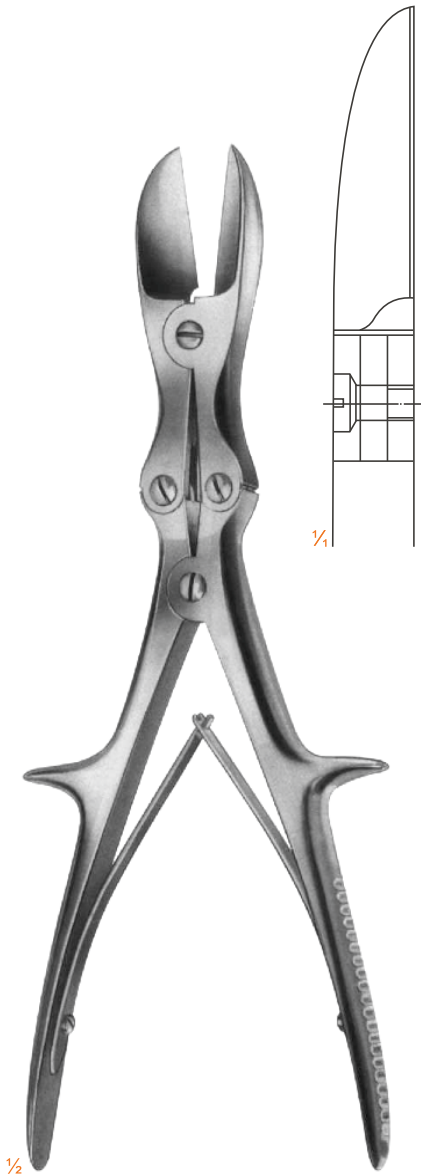


25-711
RUSKIN-LISTON
190 mm

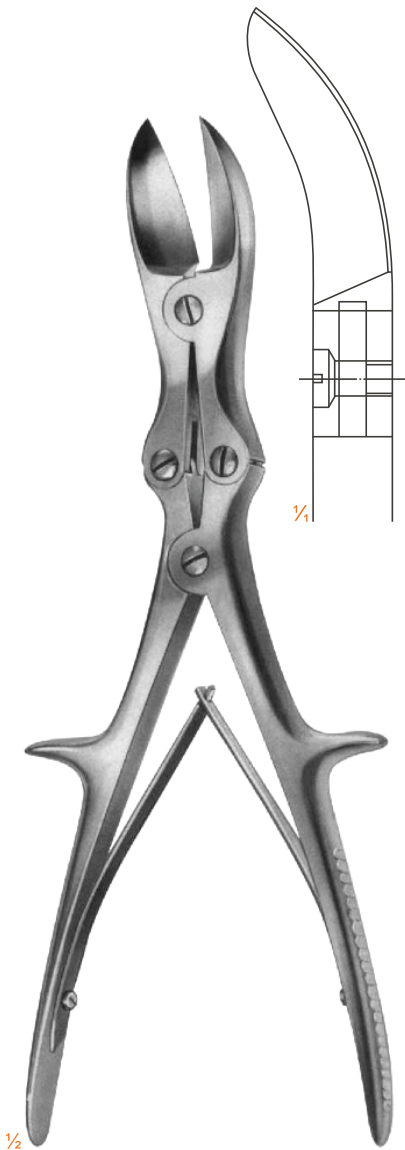
Bone Cutting Forceps



25-712
LISTON
curved on flat
240 mm

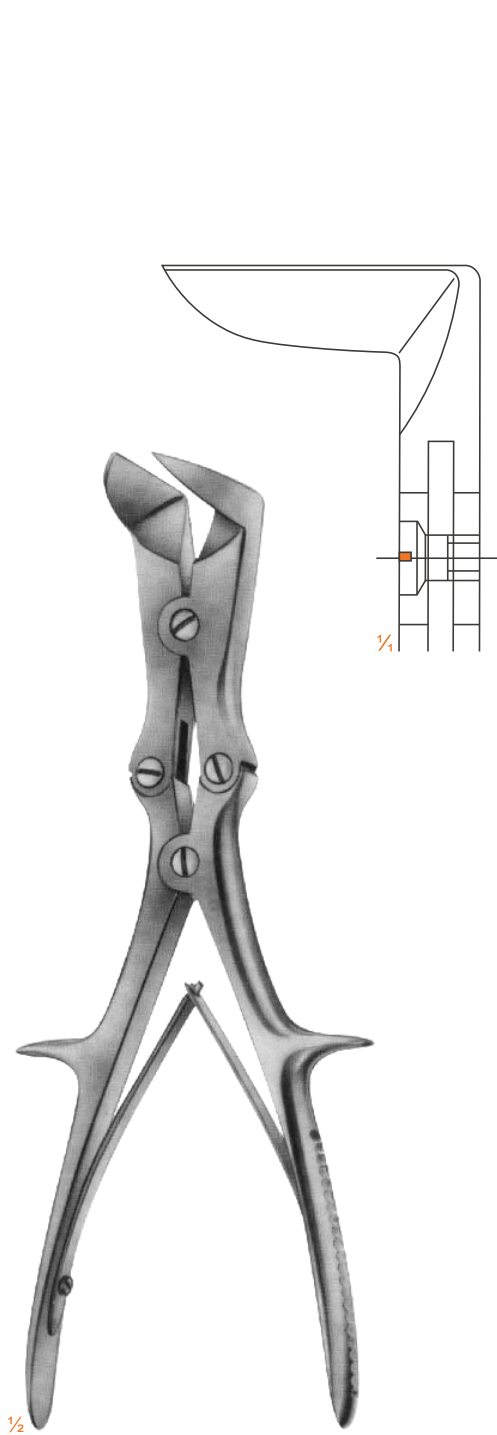


25-713
LISTON
straight
280 mm

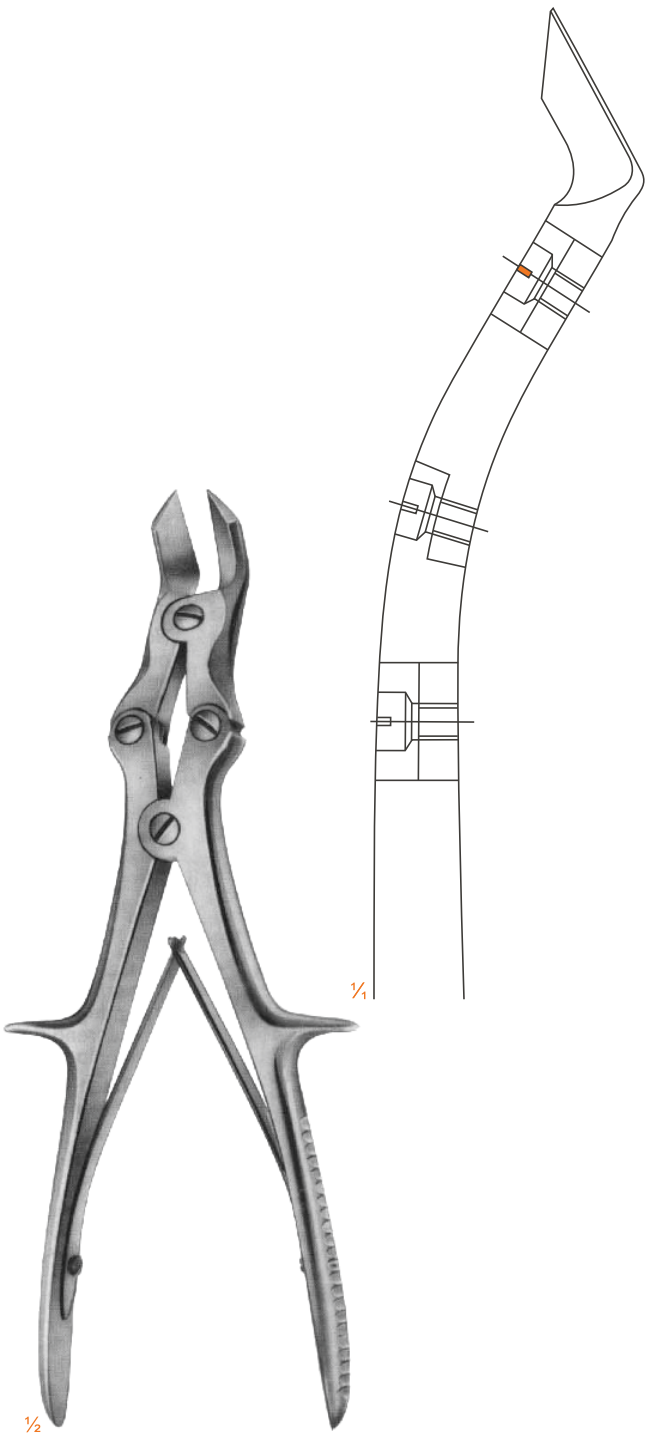


25-714
LISTON
curved on flat
280 mm

Bone Cutting Forceps

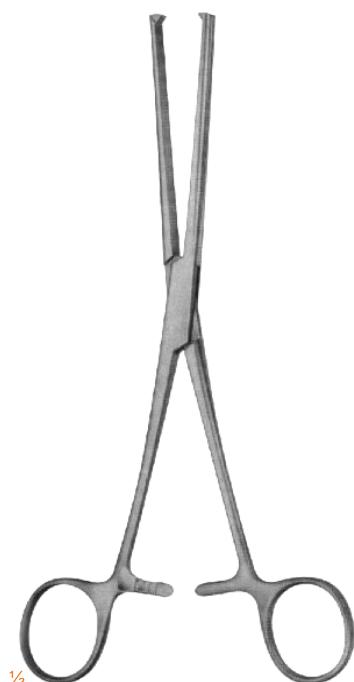


25-715
LISTON-STILLE
265 mm

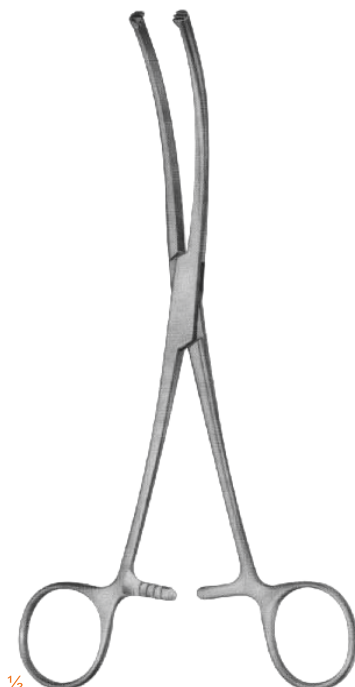


25-716
LISTON-KEY-HORSLEY
(TUDOR EDWARDS)
255 mm

Bone Surgery



25-717
BIRCHER
200 mm



25-718
BIRCHER
200 mm



25-719
WELLER
200 mm



25-720
BIRCHER-GANSKE
200 mm

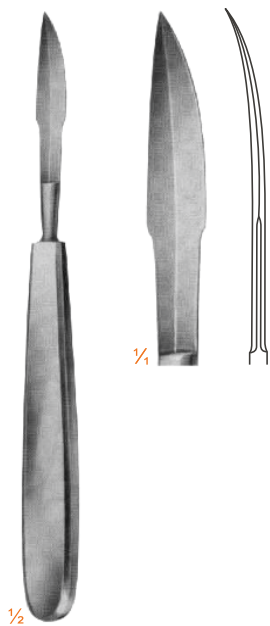


25-721
BIRCHER-GANSKE
200 mm

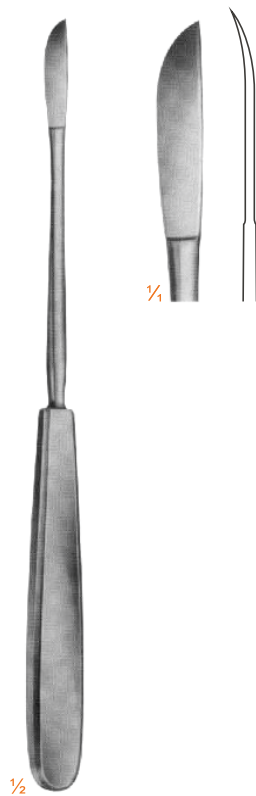


25-722
MARTIN
205 mm

Meniscus Knives



25-723
170 mm



25-724
NEFF
215 mm

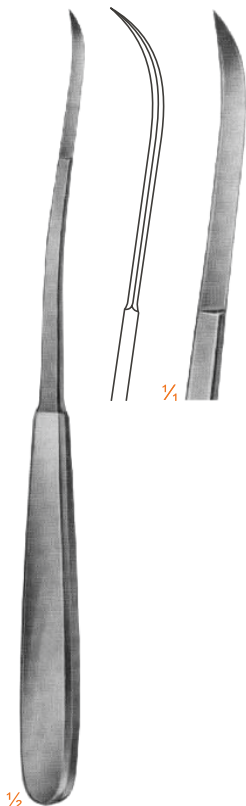


25-725
NEFF
215 mm

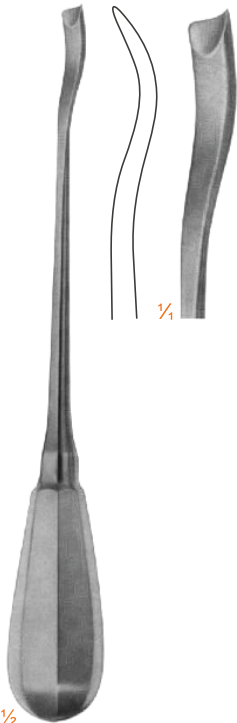


25-726
WAGNER
215 mm

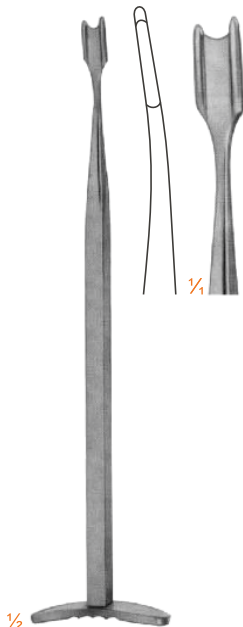
Meniscus Knives



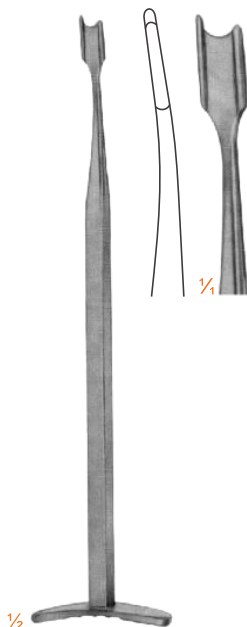
25-727
SALENIUS
220 mm



25-728
CHNAD.MODELL
200 mm

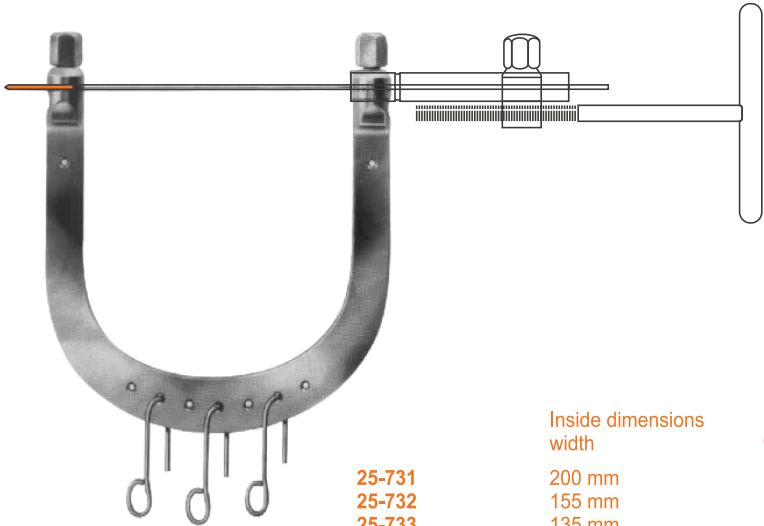


25-729
SMILLIE
170 mm



25-730
SMILLIE
170 mm

Wire Extension



25-731 - 737
KIRSCHNER
Wire traction bows,
to be used with
KIRSCHNER-wires
up to 2.5 mm diam.,
With 3 hooks,
stainless steel

	Inside dimensions width	depth
25-731	200 mm	155 mm
25-732	155 mm	155 mm
25-733	135 mm	130 mm
25-734	120 mm	120 mm
25-735	105 mm	100 mm
25-736	95 mm	110 mm
25-737	95 mm	70 mm



25-738
Wrench, double - ended,
for wire traction bows



25-739
Wire tightener, with
clamping jaws



1/3

25-740
Traction hook only,
large size



1/3

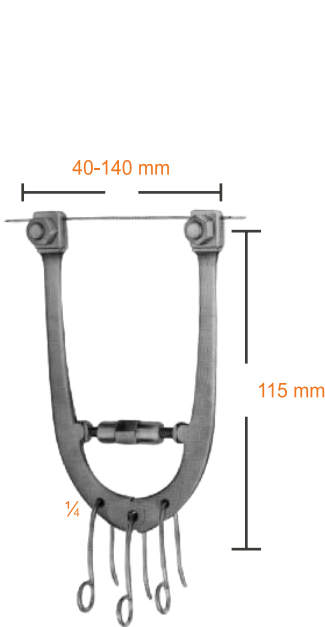
25-741
Traction hook only,
small size



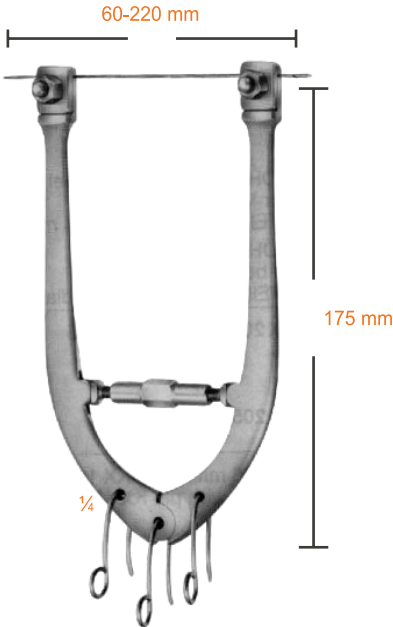
1/3

25-742
Fixation clamp, to secure clamping
jaws of stainless steel

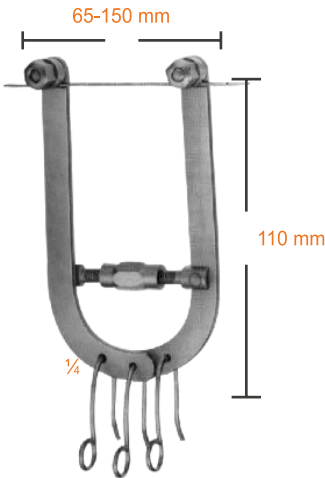
Wire Extension



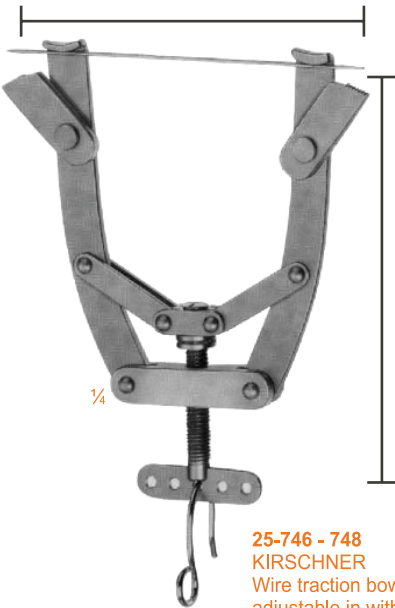
25-743
Wire traction bow, adjustable,
with 3 hooks, small size



25-744
Wire traction bow, adjustable,
with 3 hooks, large size



25-745
Wire traction bow, adjustable,
with 3 hooks, large size for
elbow and calcaneus, for
adolescents



25-746 - 748
KIRSCHNER
Wire traction bow, modified
adjustable in width, holds wire
securely, with 1 hook



25-749
Fixation disc, slotted



25-750
idem, aluminum, transparent
to X-rays

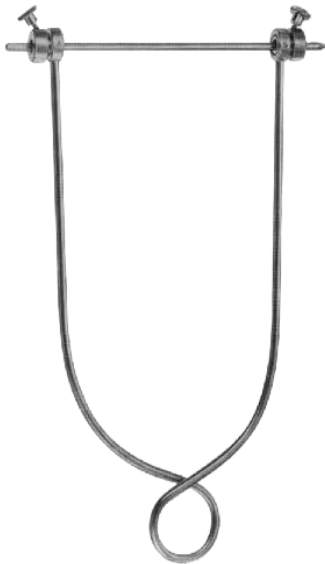


25-751
Fixation disc, slotted



25-752
Screw driver, for above
fixations discs

Traction Bows, Distractor

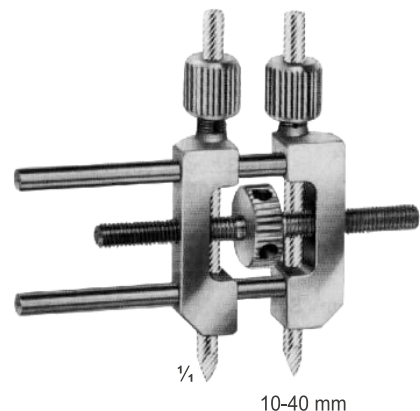


25-753 - 760
Screw driver, for above
fixations discs

Steinmann pins, 4 mm diam.		Steinmann pins, 5 mm diam.	
25-753	with pin		16x9cm Arm
25-754	without pin	25-759	without
25-755	with pin		21x11cm Arm
25-756	without pin	25-760	without
25-757	with pin		21x15cm Arm
25-758	without pin		



25-761
SCHWARZ
Traction bow for fingers,
to be used with KIRSCHNER-
wire up to 1.6 mm diam.



25-762
Small distractor
as a repositioning device for
distraction and compression of small bones,
for wires with 3.0 mm diam.

STEINMANN Pins



25-763 - 777
STEINMANN
triangular shaft ended and trocar point

Length	4,0 mm	5,0 mm
80 mm	25-763	
100 mm	25-764	
120 mm	25-765	
140 mm	25-766	
150 mm	25-767	25-773
160 mm	25-768	
180 mm	25-769	25-774
200 mm	25-770	25-775
210 mm	25-771	
250 mm	25-772	25-776
300 mm		25-777



1/4
25-778
Protection cap
for 4,0 mm STEINMANN Pins



1/4
25-779
Protection cap
for 5,0 mm STEINMANN Pins

Drilling Chucks



25-780
REILL
Drilling chuck,
cannulated,
for shanks from
2.0 - 2.5 mm diam
115 mm



25-781
Drilling chuck,
cannulated,
for shanks from
0.8 - 2.0 mm diam
150 mm



25-782
Drilling chuck,
cannulated,
for shanks up to
4.5 mm diam
with key
140 mm



25-783
LOUTE
Wire tightener, improved pattern,
with movable tip,
for wires up to 1.0 mm diam.
220 mm



25-784
Drilling chuck, cannulated,
for shanks up to 6.35 mm diam.,
To be tightened by hand
100 mm

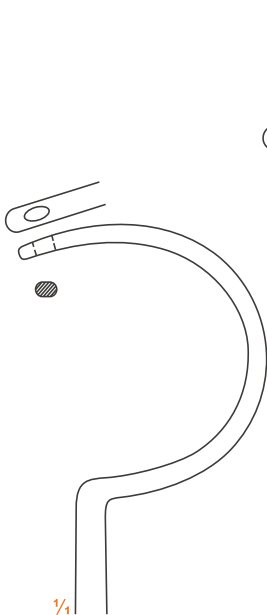


25-785
Drilling chuck, cannulated,
for shanks up to 4.5 mm diam.,
And for triangular shaft width
across flats 4.7 mm

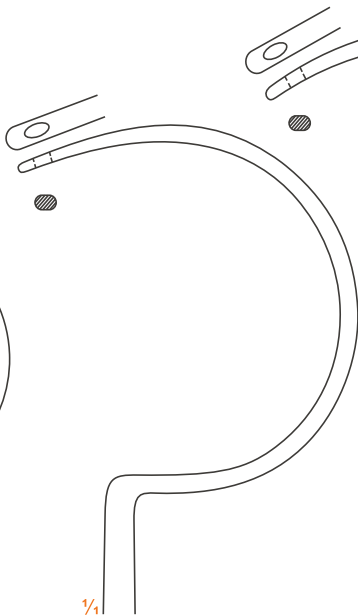


25-786
Drilling chuck, cannulated,
for shanks up to 6.35 mm diam.,
With key
160 mm

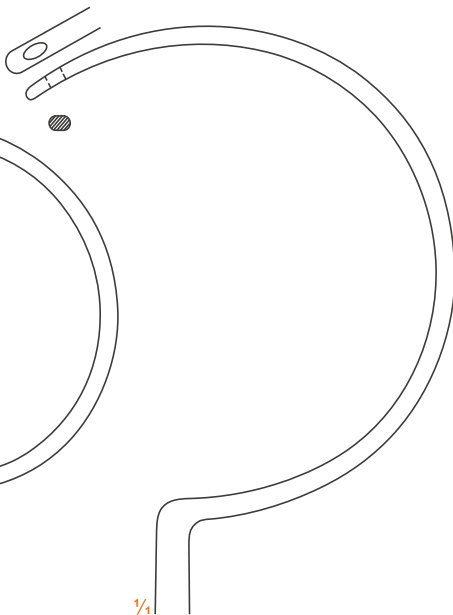
Cerclage Instruments



25-787
275 mm



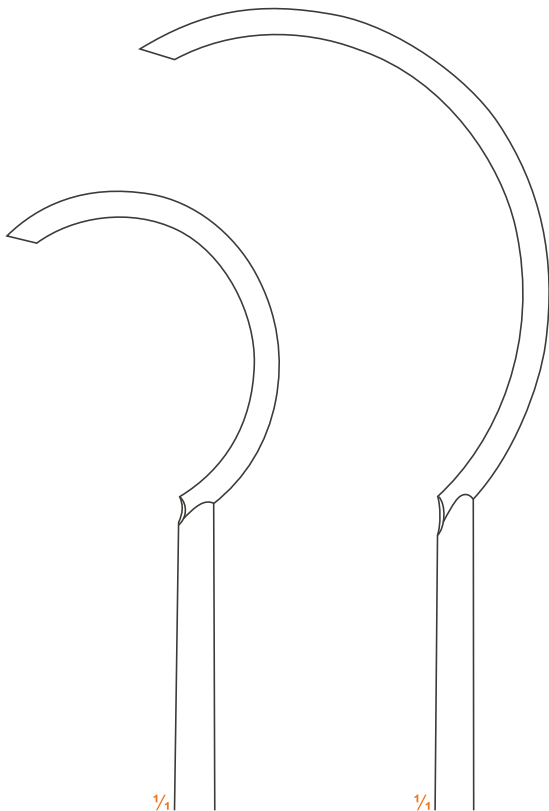
25-788
285 mm



25-789
305 mm



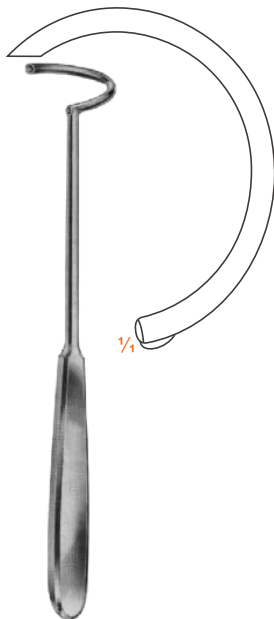
25-787 - 789
DEMEL
Wire guides



25-790
240 mm

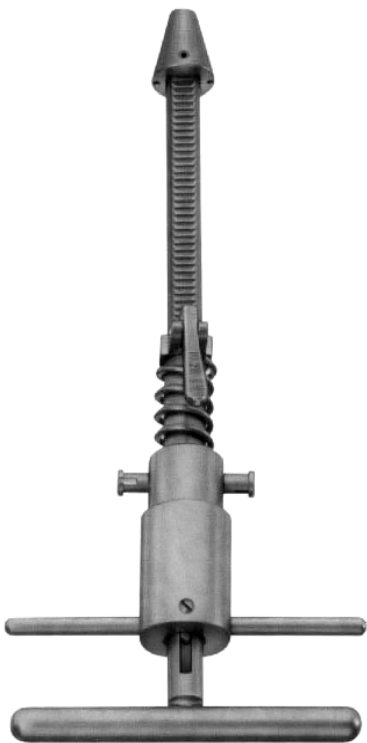


25-791
270 mm



25-792
225 mm

JORDAN Instruments for Subcutaneous Tibia Cerclage



25-793
JORDAN
Wire tightener



1/2

25-794
JORDAN
Wire twister
170 mm



1/2

25-795
JORDAN
Wire catcher
180 mm



1/2

25-796
JORDAN
Probe, cannulated
170 mm

Wire Holding Forceps, Wire Tightening Pliers and Flat Nose Pliers



25-797
DUROGRIP
Holding forceps for cerclage
wire, with lateral jaws to avoid
wire slipping off
170 mm



25-798
DUROGRIP
Wire, tightening pliers,
Ligature pliers
150 mm



25-799
DUROGRIP
Wire, tightening pliers,
Ligature pliers
150 mm



25-800
with serrated jaws
140 mm



25-801
one jaws smooth,
one jaws serrated
140 mm

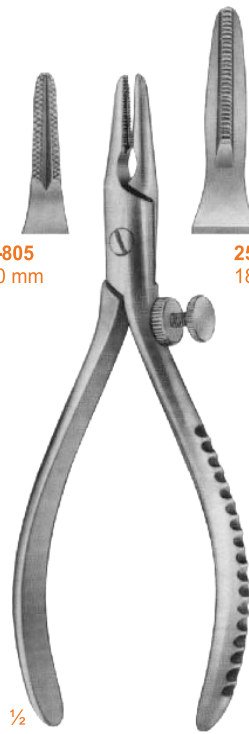


25-802
with serrated jaws
25-803
with longitudinal and
transversal grooves
170 mm

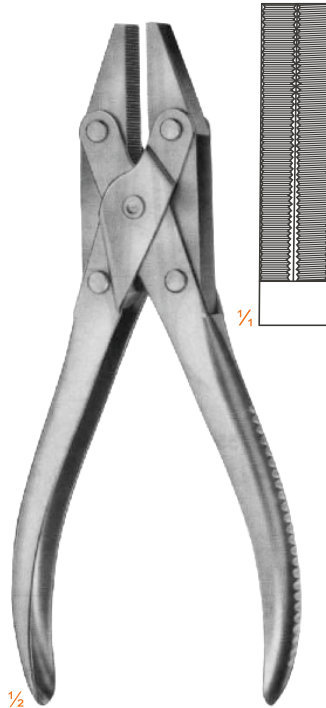


25-804
190 mm

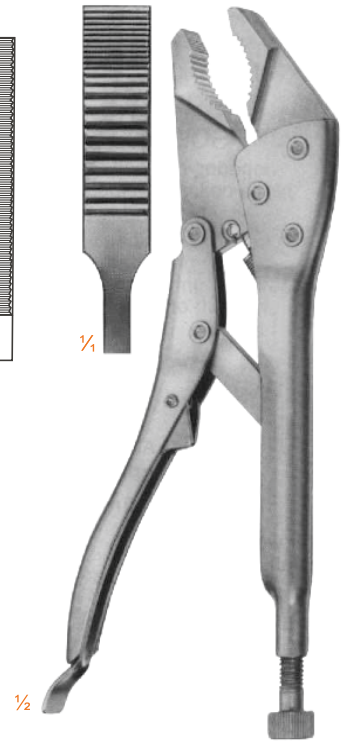
Wire Holding Forceps, Flat Nose, Wire Cutting and Bending Pliers



25-805 - 806
Extraction pliers
for boring wires



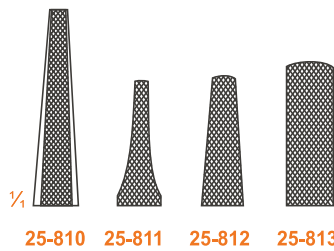
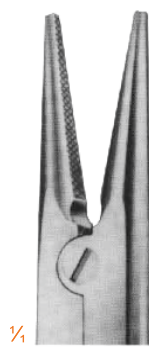
25-807
Flat-nosed pliers,
parallel
185 mm



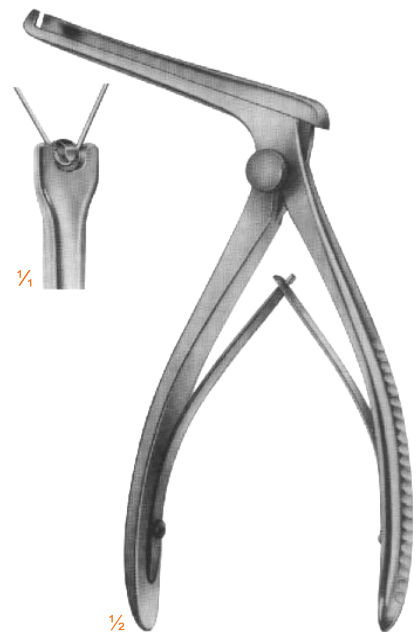
25-808
Vise grip
200 mm



25-809 - 813
Round pliers
180 mm



25-810
25-811 145 mm
25-812 180 mm
25-813 180 mm
Extraction pliers for wires



25-814
Bending pliers
for wires up to
1.8 mm diam.

Wire Cutters and Wire Cutting Scissors

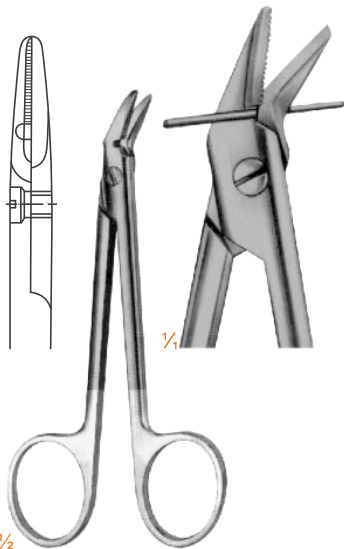


25-815
ANGLE
130 mm

for soft wire
up to diam.
for hard wire
up to diam.

25-816
DUROTIP
ANGLE
130 mm

0,5 mm 0,6 mm
0,3 mm 0,4 mm

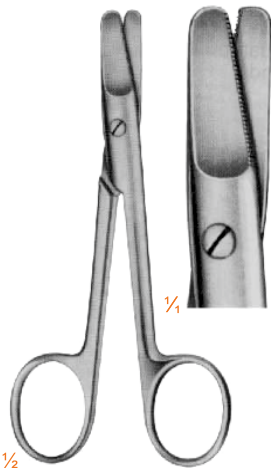


25-817
120 mm

for soft wire
up to diam.
for hard wire
up to diam.

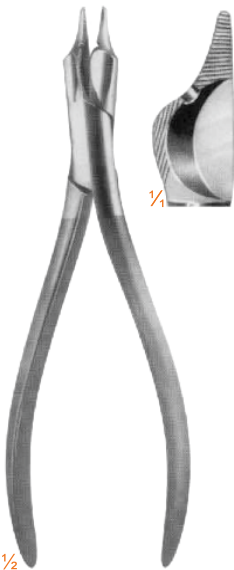
25-818
DUROTIP
120 mm

1,2 mm 1,2 mm
0,8 mm 0,8 mm



25-819
HARVEY
125 mm

0,4 mm
0,3 mm



25-820
150 mm

for soft wire
up to diam
for hard wire
up to diam

1,5 mm
1,0 mm



25-821
160 mm

1,5 mm
1,2 mm



25-822
140 mm

1,5 mm
1,0 mm

Wire Cutting and Lateral Cutting Pliers



25-823
180 mm

for soft wire
up to diam. 2,0 mm
For hard wire 1,5 mm
up to diam.
specially hardened
cutting edges, front
and lateral cutting
action



25-824
REILL
175 mm

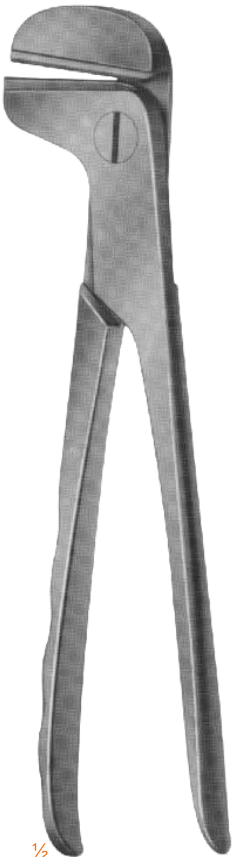
for soft wire
up to diam. 2,0 mm
For hard wire 1,6 mm
up to diam.
specially hardened
cutting edges, for
cutting off wires close
to the bone



25-825
235 mm

for soft wire
up to diam. 3,0 mm
For hard wire 2,2 mm
up to diam.

Wire Cutting Pliers, Lateral and Front Cutting Action



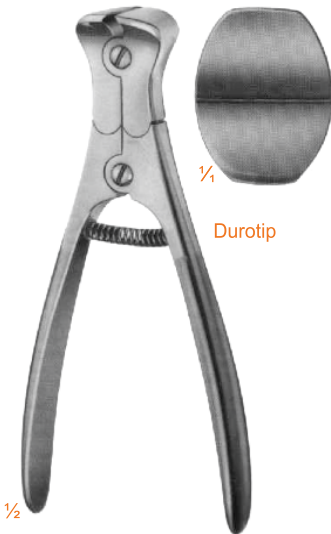
25-826
240 mm

for soft wire
up to diam. 2,0 mm
For hard wire
up to diam 1,6 mm



25-827
140 mm

for soft wire
up to diam. 1,5 mm
For hard wire
up to diam 1,0 mm



25-828
145 mm

for soft wire
up to diam. 2,0 mm
For hard wire
up to diam 1,5 mm



25-829
220 mm

for soft wire
up to diam. 3,5 mm
For hard wire
up to diam 2,5 mm

Wire Cutters



1/2

25-830
320 mm

for soft wire
up to diam. 3,0 mm
For hard wire
up to diam 3,0 mm

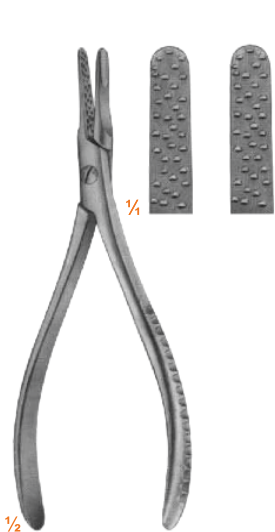
Cutter for cutting off
KIRSCHNER wires,
Tibia head screws,
bolts, pins, up to 3 mm diam.



Durotip

25-831
Cutter for cutting off
KIRSCHNER wires,
Tibia head screws,
bolts, pins, up to 6 mm diam.
470 mm

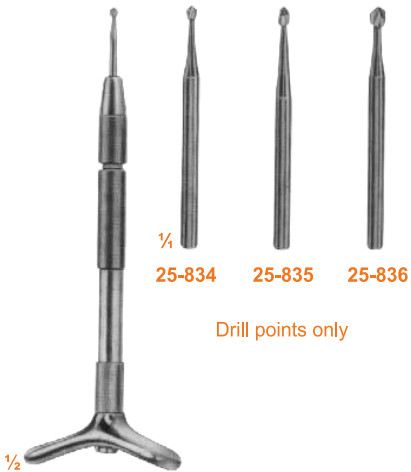
Finger Nail Instruments



25-832
Nail extracting
forceps
135 mm

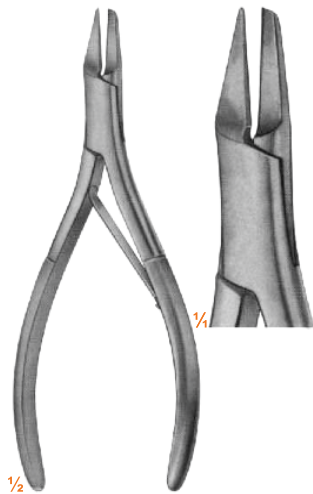


25-833
Nail extracting
forceps
145 mm

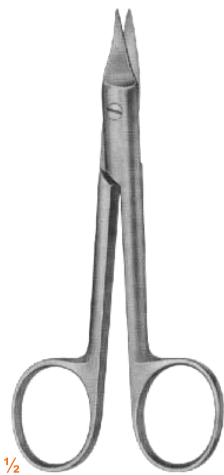


25-834 - 836
Finger nail drill
with 3 points

Drill points only



25-837
Nail splitting
forceps
135 mm



25-838
SYSTRUNK
Scissors, for splitting
finger nails
130 mm



25-839
Finger ring saw
150 mm

Spare blade

Plaster Instruments



with ebony handle

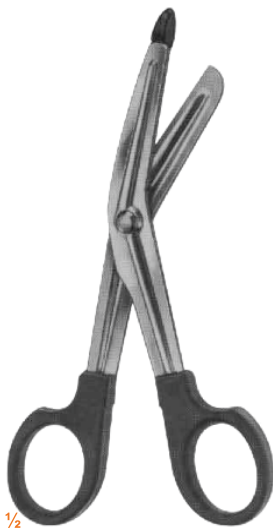
25-840
HOPKINS
200 mm



25-841
ESMARCH
180 mm



25-842
ENGEL
160 mm



25-843 - 851

25-843	black	25-847	yellow
25-844	red	25-848	white
25-845	blue	25-849	orange
25-846	green	25-850	lavender
		25-851	bright pink



25-852 - 860

25-852	black	25-856	yellow
25-853	red	25-857	white
25-854	blue	25-858	orange
25-855	green	25-859	lavender
		25-860	bright pink

Plaster Scissors

For small plaster dressings



25-861
160 mm

1/2



25-862 - 863
ESMARCH
200 mm 230 mm

1/2



25-864
BERGMANN
230 mm

1/2



25-865
BRUNS
235 mm

1/2



25-866
235 mm

1/2

also to be used as
bandage scissors



25-867
SEUTIN
230 mm

1/2

also to be used as
bandage scissors

Plaster Shears



25-868
STILLE-AESULAP
260 mm



25-869
STILLE-AESULAP
360 mm

STILLE Plaster Shears

Blade with reinforced back



25-870
STILLE
230 mm

25-871
Spare blade



25-872
STILLE
370 mm

25-873
Spare blade



25-874
STILLE
240 mm

25-875
Spare blade



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