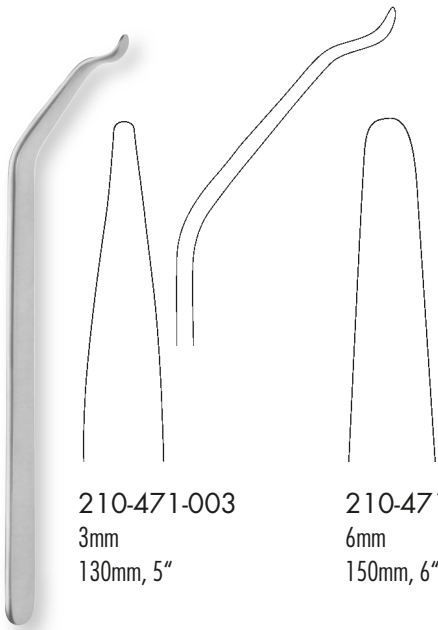




SECTION

A

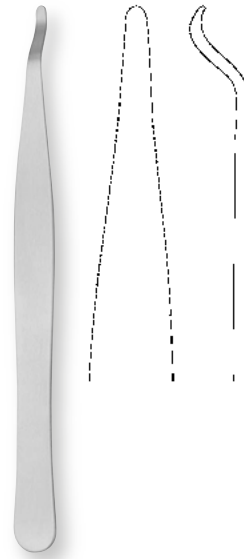
BONE LEVERS



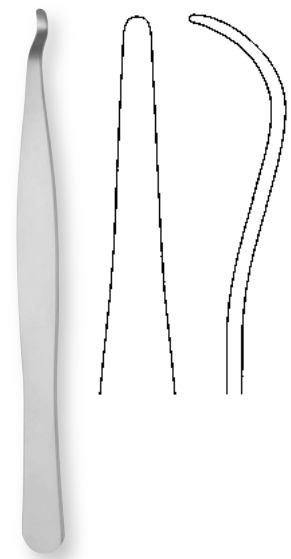
210-471-003
3mm
130mm, 5"

210-471-006
6mm
150mm, 6"

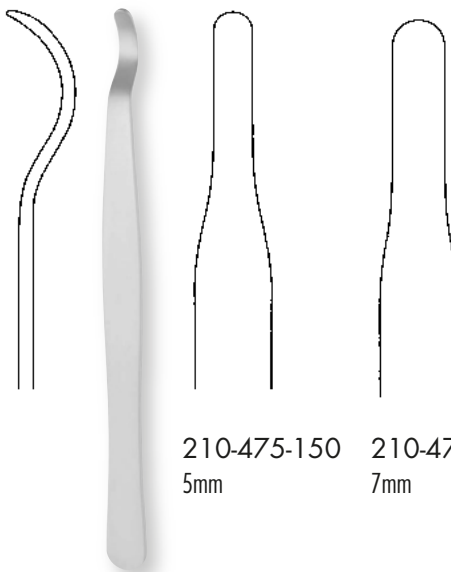
Hayes
Phalangeal Elevator, shaft angled 40°



210-539-110
Bone Lever, 2.8mm
140mm, 5 1/2"



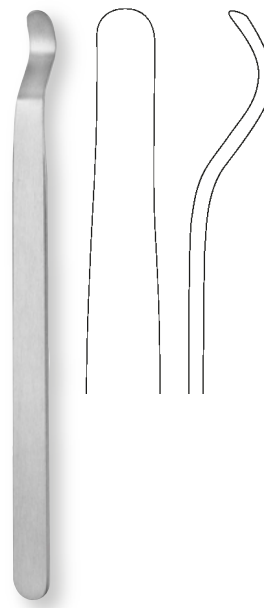
Hayes
210-473-150
Phalangeal Elevator
3mm wide blade
150mm, 6"



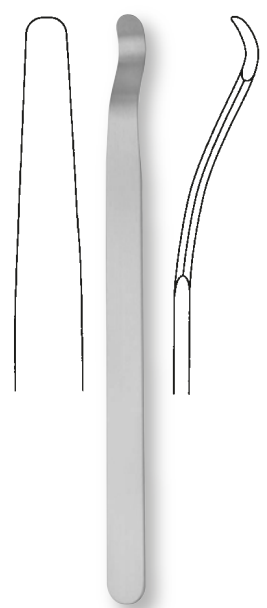
210-475-150
5mm

210-477-150
7mm

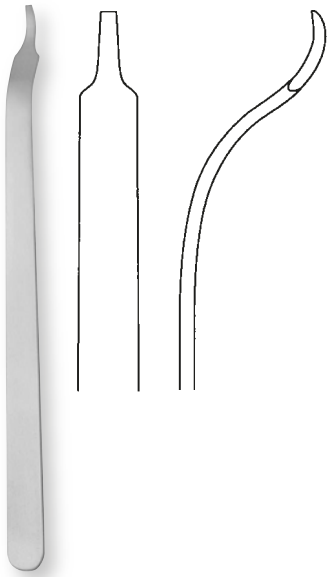
Phalangeal Elevator
150mm, 6"



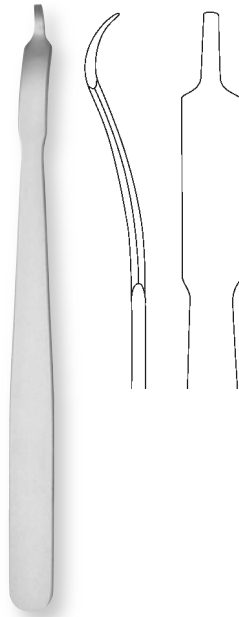
210-537-060
Bone Lever, 7mm wide
150mm, 6"



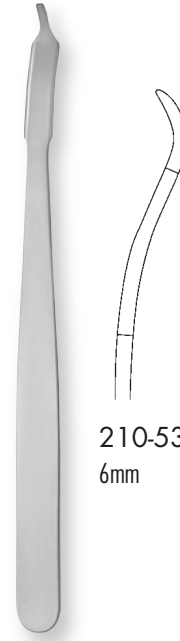
210-537-140
Bone Lever, 6mm wide
150mm, 6"



Buck-Gramcko
210-541-075
Bone Lever, 2mm tip,
7.5 mm wide
150mm, 6"

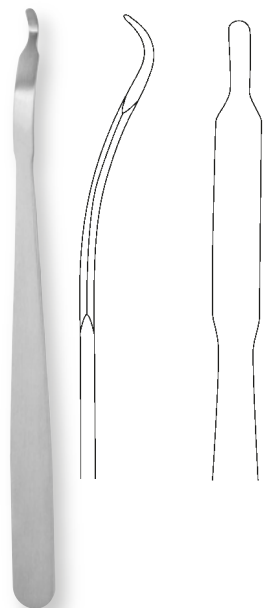


Hohmann
210-541-080
Bone Lever, 2mm tip
8mm wide
160mm, 6^{1/4}"

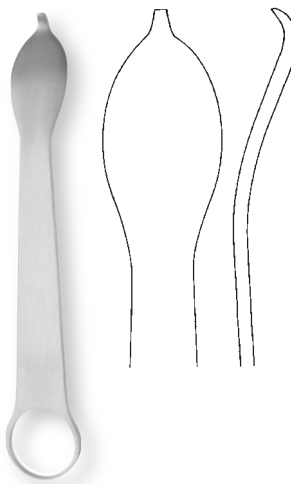


210-539-060
6mm

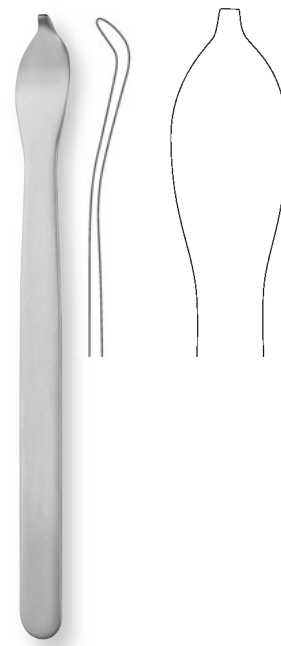
Hohmann Mini
Bone Lever
160mm, 6^{1/4}"



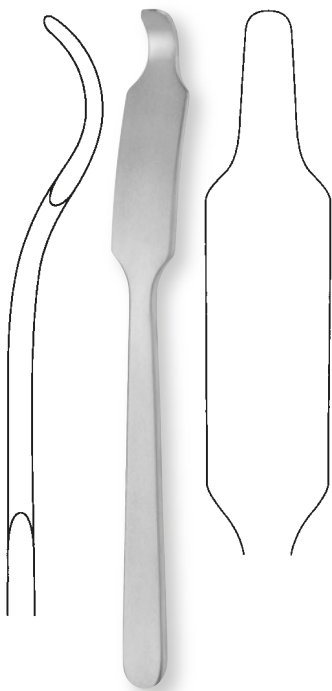
Hohmann Mini
210-541-060
Bone Lever, 6mm wide
160mm, 6^{1/4}"



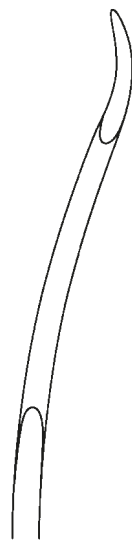
Hohmann
210-541-150
Bone Lever 15mm wide tip
with finger ring
120mm, 4^{3/4}"



210-539-150
Mini Bone Lever,
15mm wide
160mm, 6^{1/4}"



Lange-Baby
210-534-170
Bone Lever, 17mm wide
170mm, 6^{3/4}"



Hohmann
Bone Lever
240mm, 9^{1/2}"



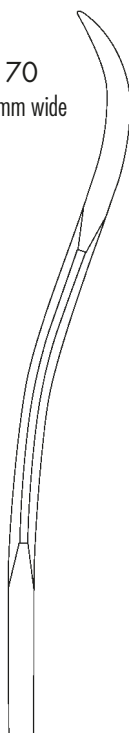
210-541-108
8mm



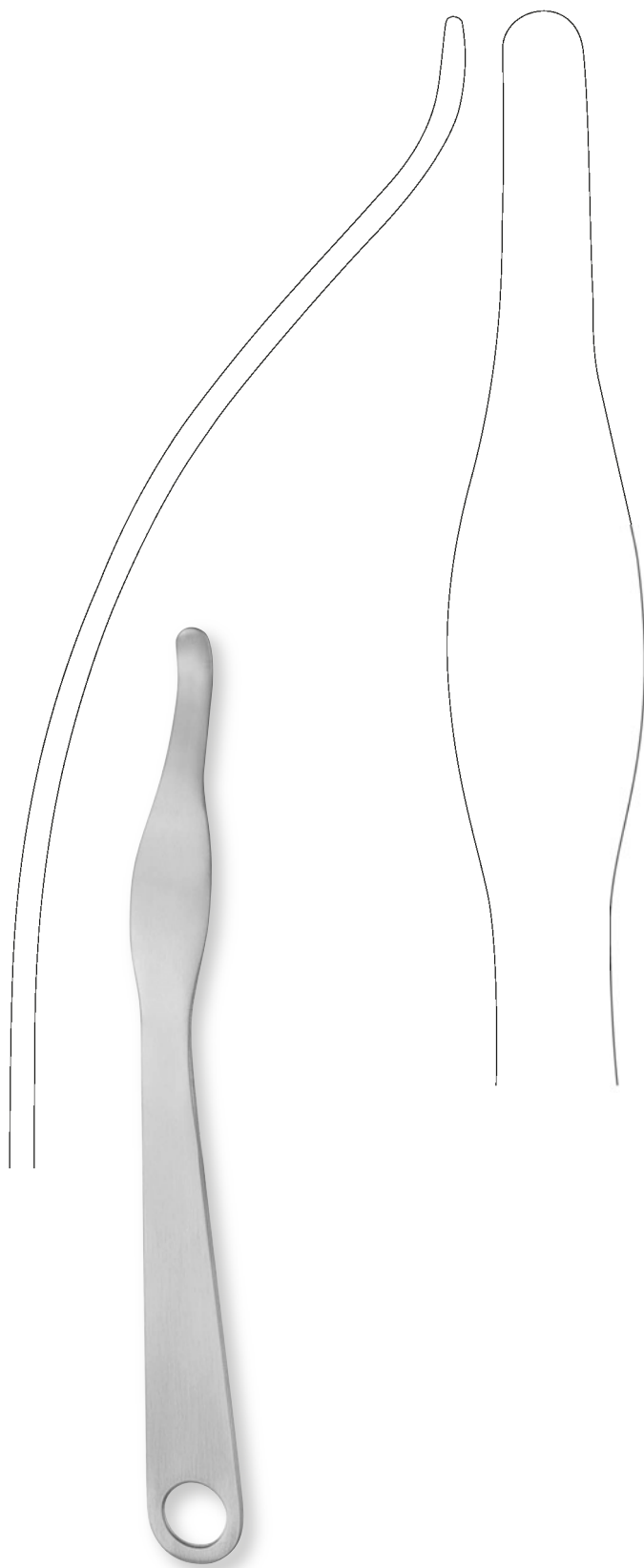
210-541-100
10mm



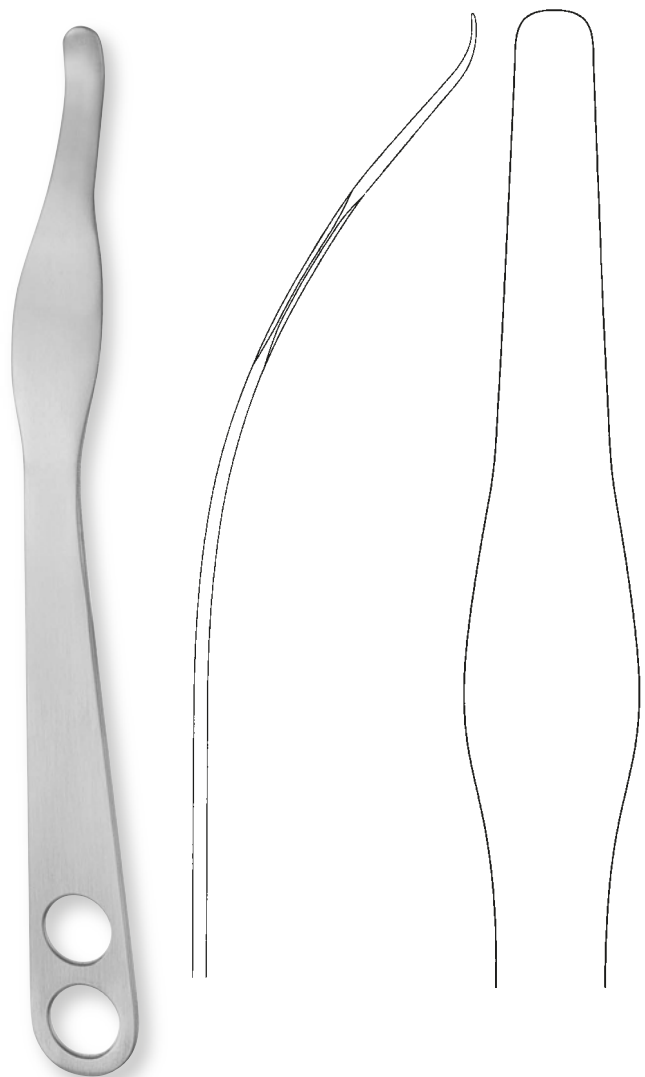
210-541-180
18mm



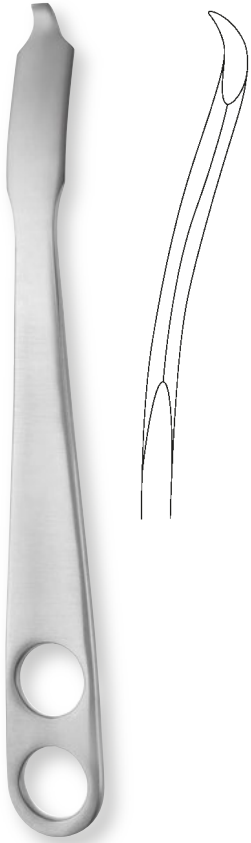
Hohmann
210-542-180
Bone Lever, 17mm, sharp,
240mm, 9^{1/2}"



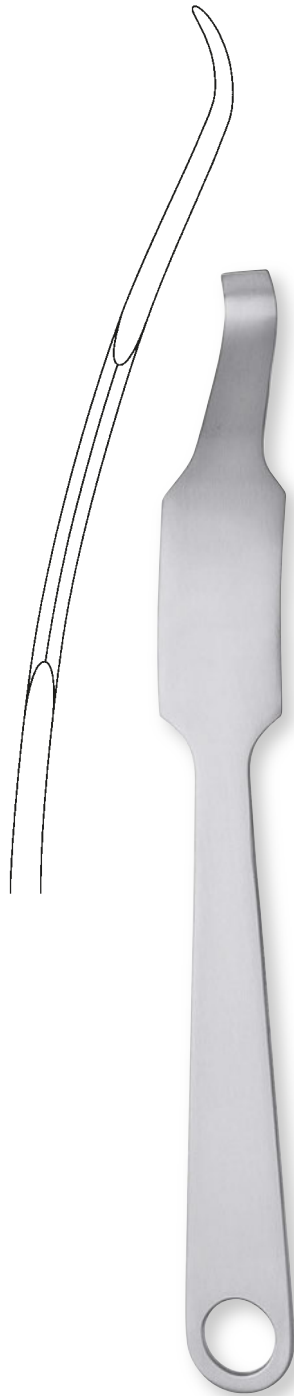
Hohmann
210-541-250
Bone Lever, 25mm
270mm, 10^{3/4}"



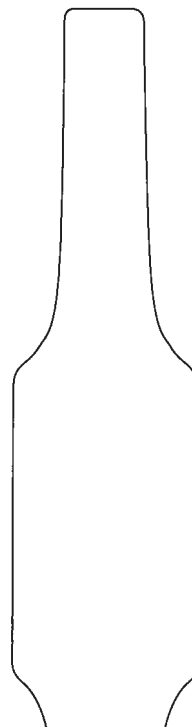
210-547-240
Pelvis Retractor
25mm
270mm, 10^{3/4}"



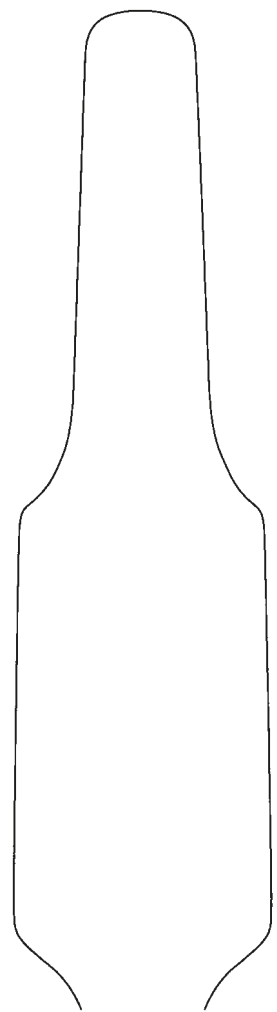
Wagner
210-540-220
Bone Lever, 17mm
220mm, 8²/₃"



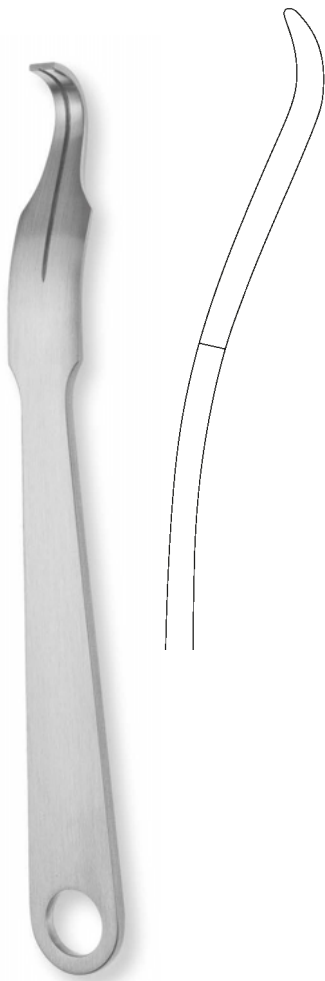
Hohmann
Bone Lever



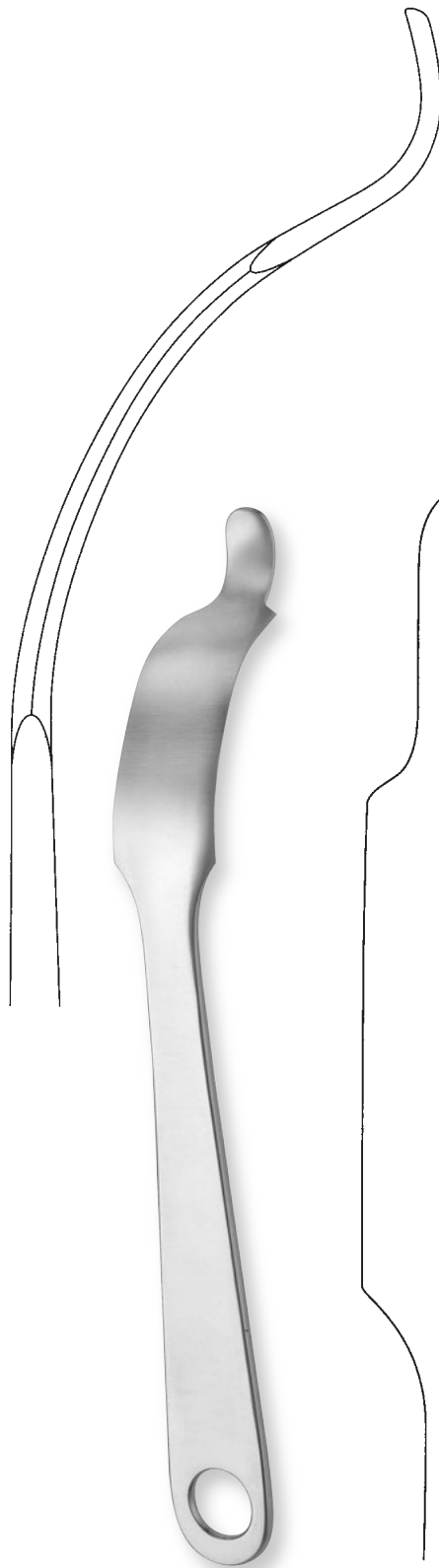
210-545-220
24mm
260mm, 10¹/₄"



210-545-350
35mm
285mm, 11¹/₃"

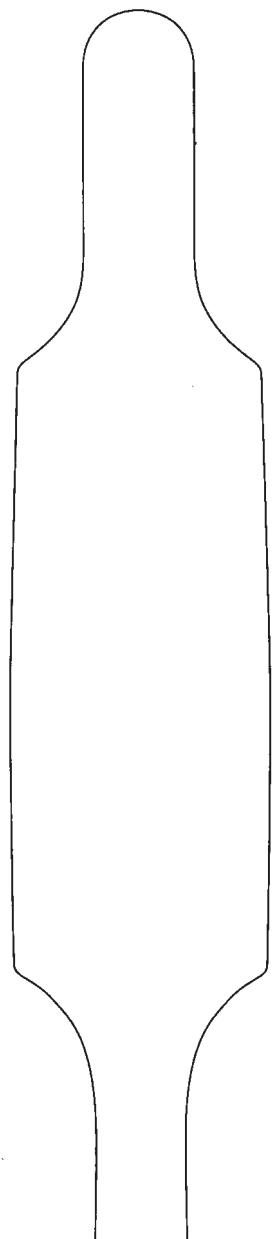


Lange-Hohmann
210-557-250
Bone Lever, 24mm wide
250mm, 10"



Lange-Hohmann
Bone Lever

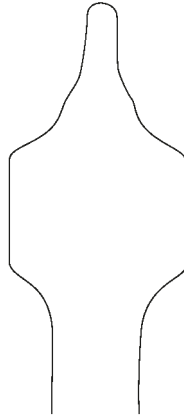
210-557-270
30mm
270mm, 10^{3/4}"



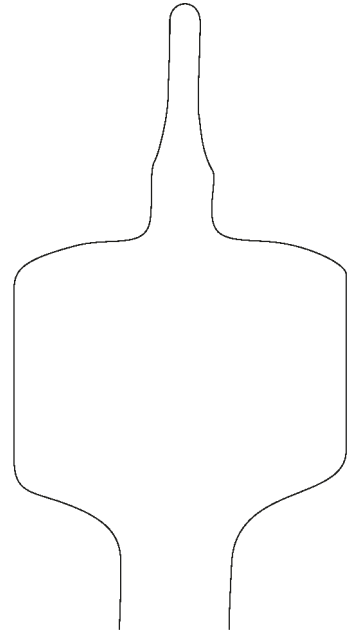
210-557-290
33mm
290mm, 11^{3/8}"



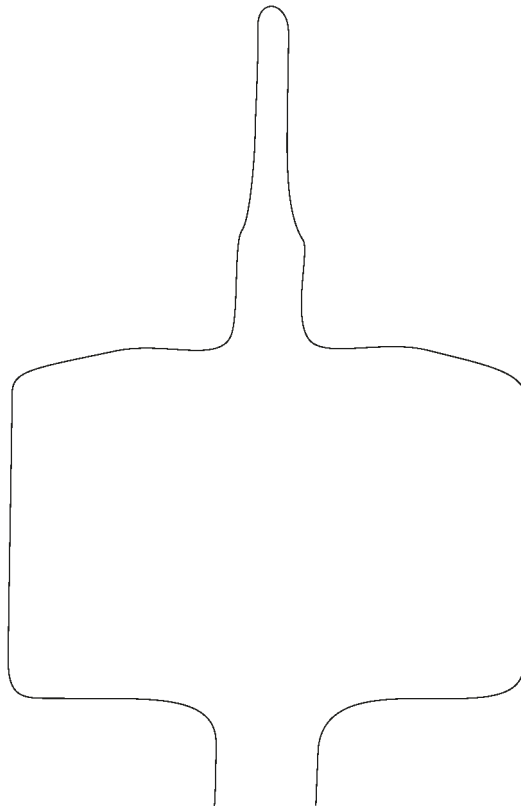
Verbrugge
Bone Lever



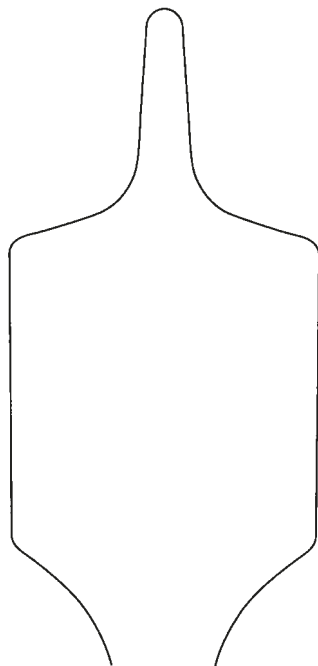
210-542-025
25mm
200mm, 8"



210-542-045
45mm
230mm, 9"



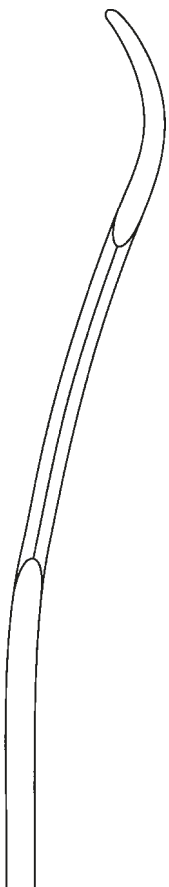
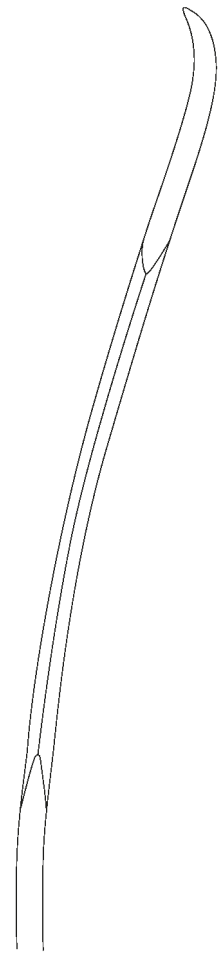
210-542-070
70mm
250mm, 10"



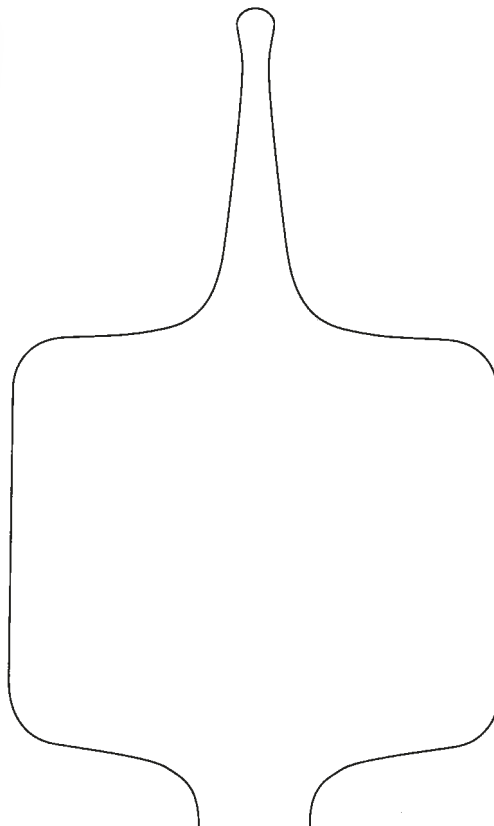
210-541-043
44 mm
240mm, 9¹/₂"



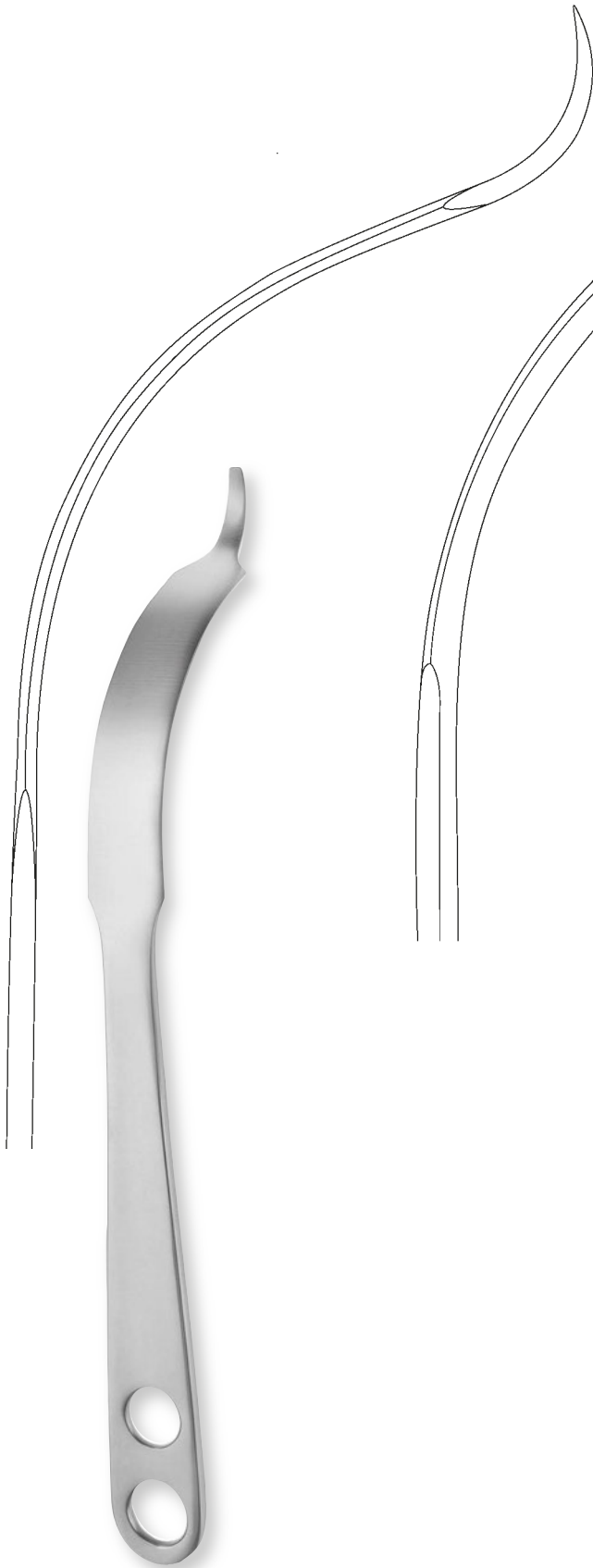
Hohmann
210-543-430
Bone Lever, 43mm
235mm, 9¹/₄"



Verbrugge-Hohmann
Bone Lever



210-541-065
65mm
250mm, 10"



Hohmann
210-545-221
Bone Lever, 22mm
300mm, 12"



210-541-400
Bone Lever, 120° curved, 22mm
400mm, 16"



Hohmann
210-541-330
 Bone Lever, 90° curved, 43mm
 330mm, 13"
210-541-331
 Bone Lever, 90° curved, 22mm

Hohmann
210-545-400
 Bone Lever, 40mm
 300mm, 12"



210-544-250
Bone Lever, 22mm,
with opening for impactor
250mm, 10"

210-544-320
Bone Lever, 40mm,
with opening for impactor
320mm, 12^{1/2}"

210-544-270
Bone Lever, 25mm,
with opening for impactor
270mm, 10^{1/2}"



Hohmann Aldinger
210-543-270
Bone Lever, 24mm
270mm, 10¹/₂"

210-541-270
Bone Lever, 15mm, double-angled handle
270mm, 10¹/₂"

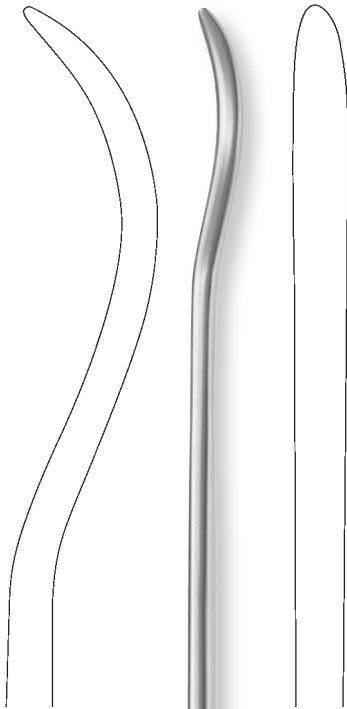
210-541-225
Bone Lever, 18mm, angled handle
225mm, 8³/₄"



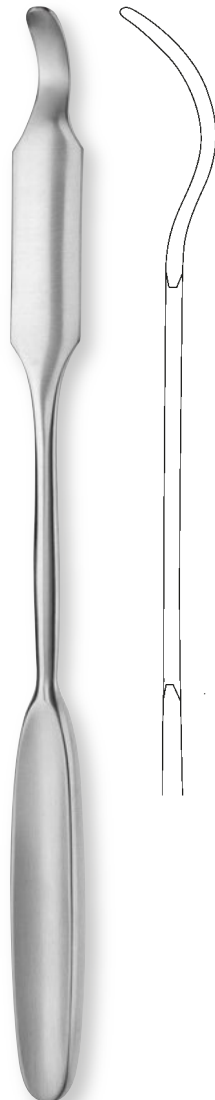
Schumacher
210-550-280
Bone Lever, 35mm
280mm, 11"



Schumacher
210-550-350
Bone Lever, 37mm, with teeth
350mm, 13³/₄"



Wagner
210-540-330
Bone Lever, 8mm
with Ferrozell Handle
330mm, 13"

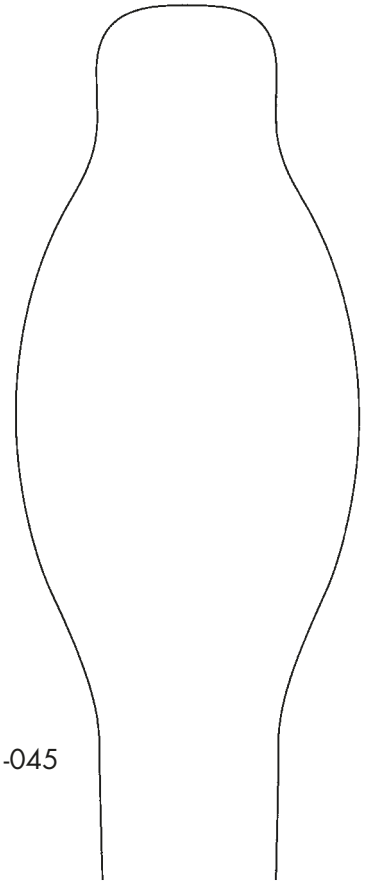


Watson-Jones
210-545-280
Bone Lever
280mm, 11"

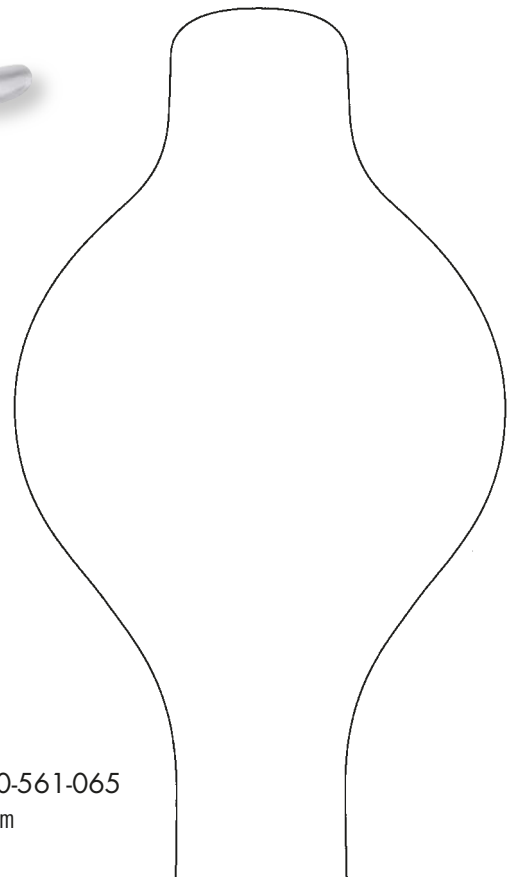


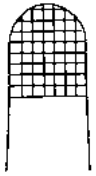
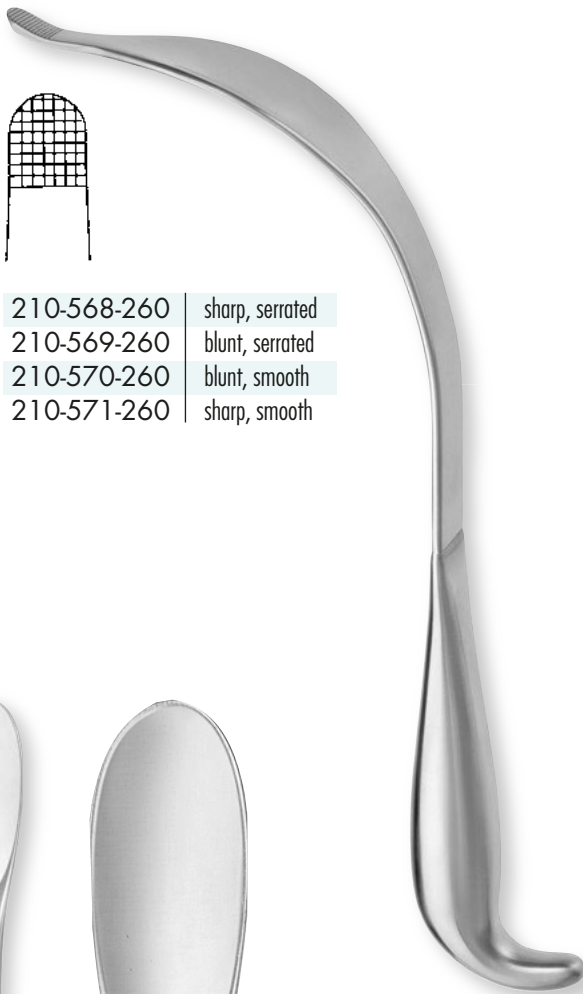
Bennett
Bone Lever
240mm, 9 1/2"

210-561-045
45mm



210-561-065
65mm



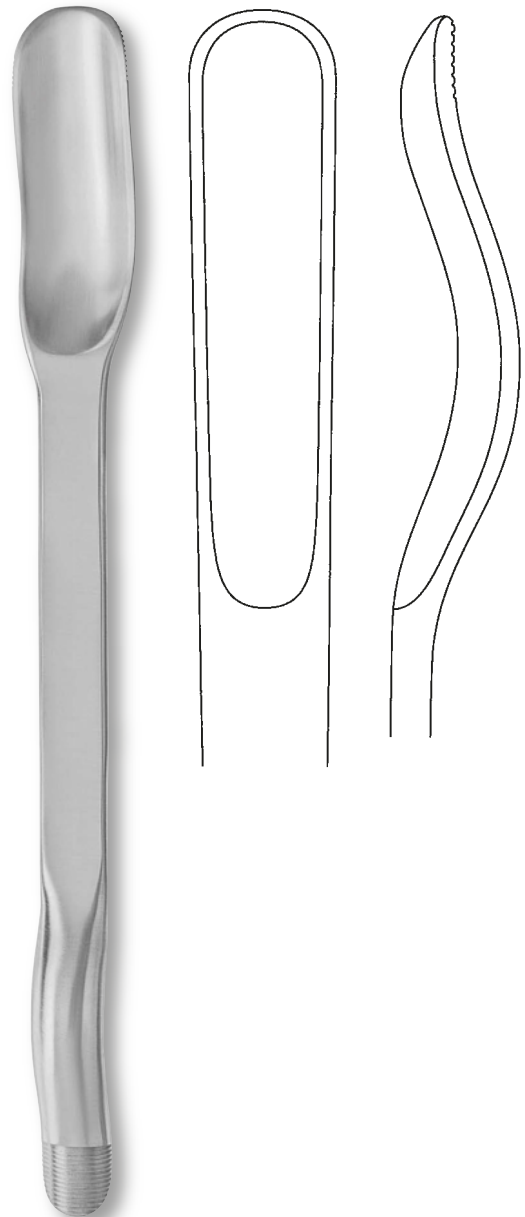


210-568-260	sharp, serrated
210-569-260	blunt, serrated
210-570-260	blunt, smooth
210-571-260	sharp, smooth

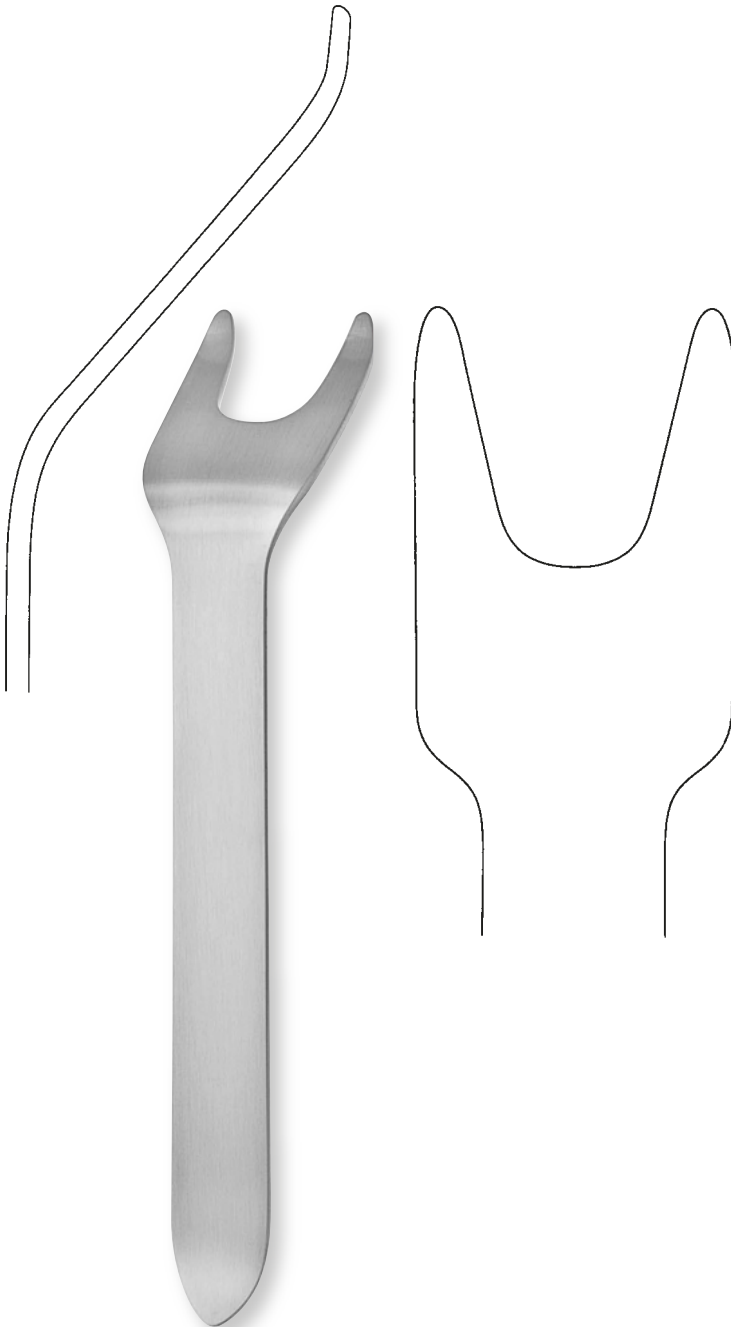


210-151-280
Luxation Lever with ferrozell
handle,
25mm
280mm, 11"

Aufranc
Cobra Retractor, 32mm
260mm, 10¹/₄"



Murphy-Lane
210-575-340
Luxation Lever, 30mm
340mm, 13¹/₃"



Blount
210-565-260
Shoulder Retractor, 2 prongs
260mm, 10¹/₃"



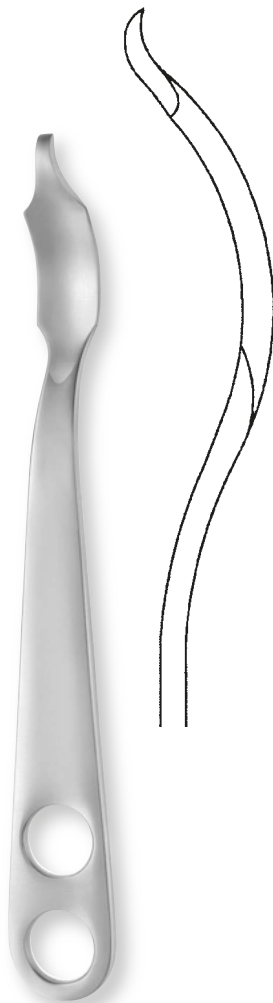
Bhattmann
259-258-600
Humeral Head Retractor,
36mm wide blade
255mm, 10"



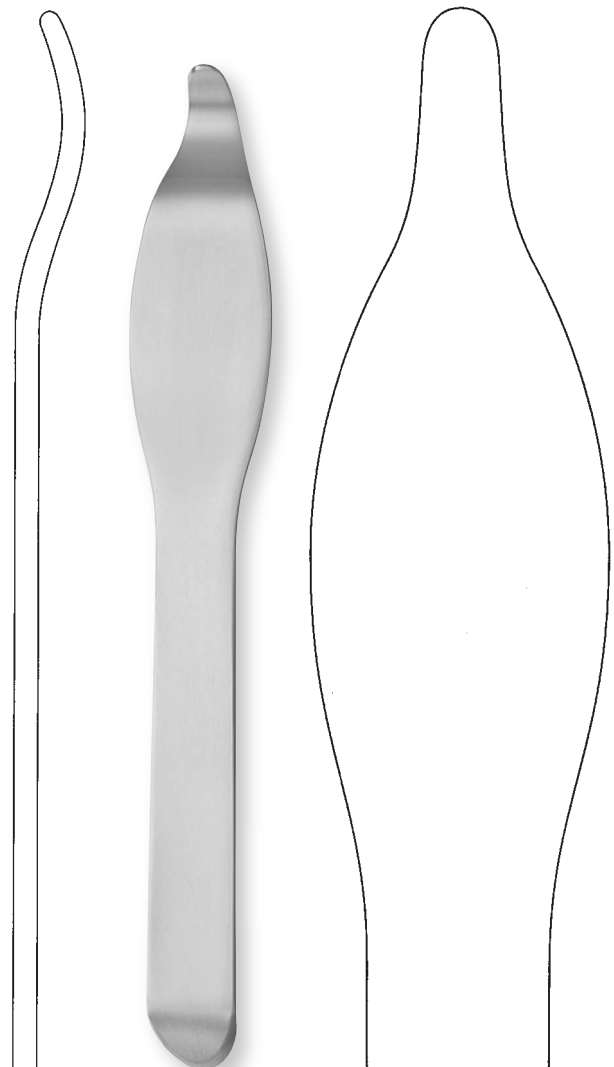
259-258-500
Humeral Head Retractor,
180mm, 7"



259-258-550
Humeral Head Retractor
190mm, 7¹/₂"



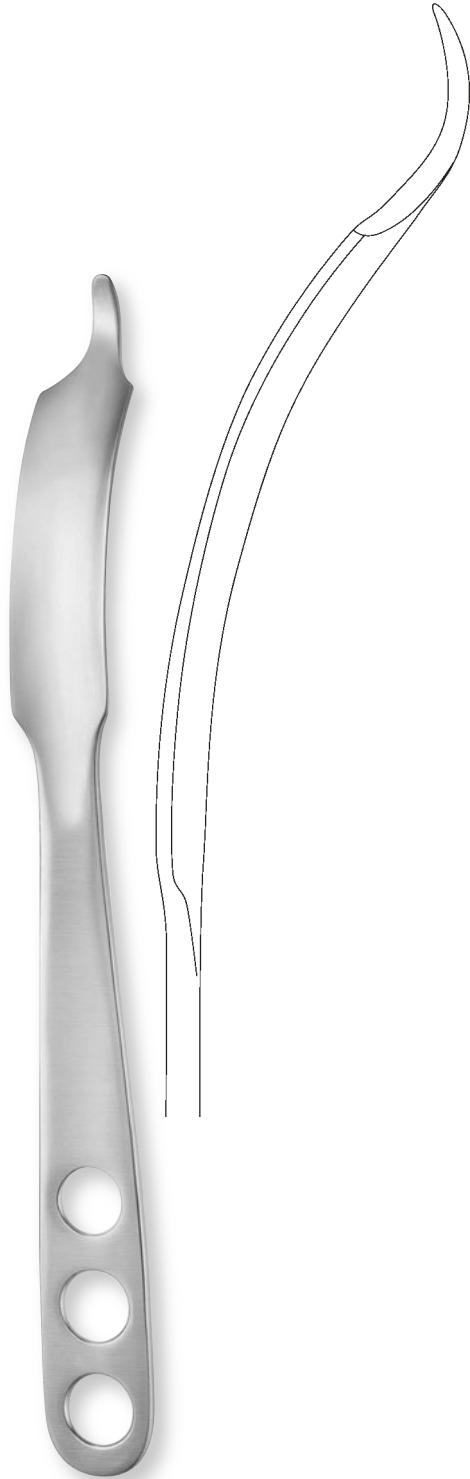
210-536-180
Humeral Head Retractor
strongly curved, 18mm wide,
with 1 blunt prong
210mm, 8³/₄"



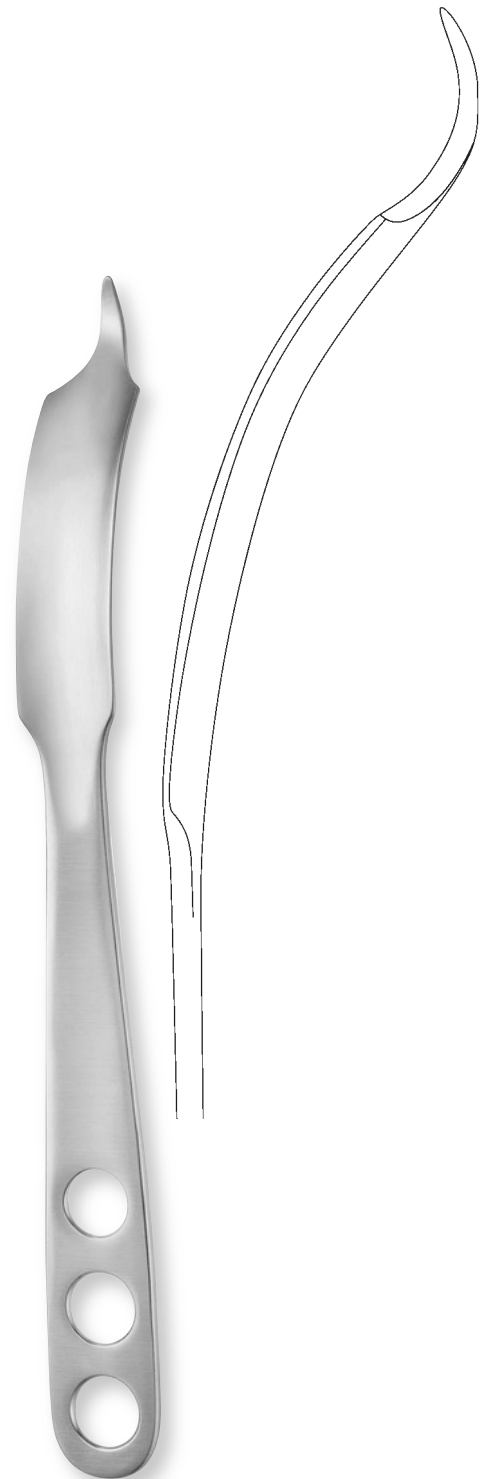
Blount
210-563-260
Bone Lever
260mm 10¹/₄"



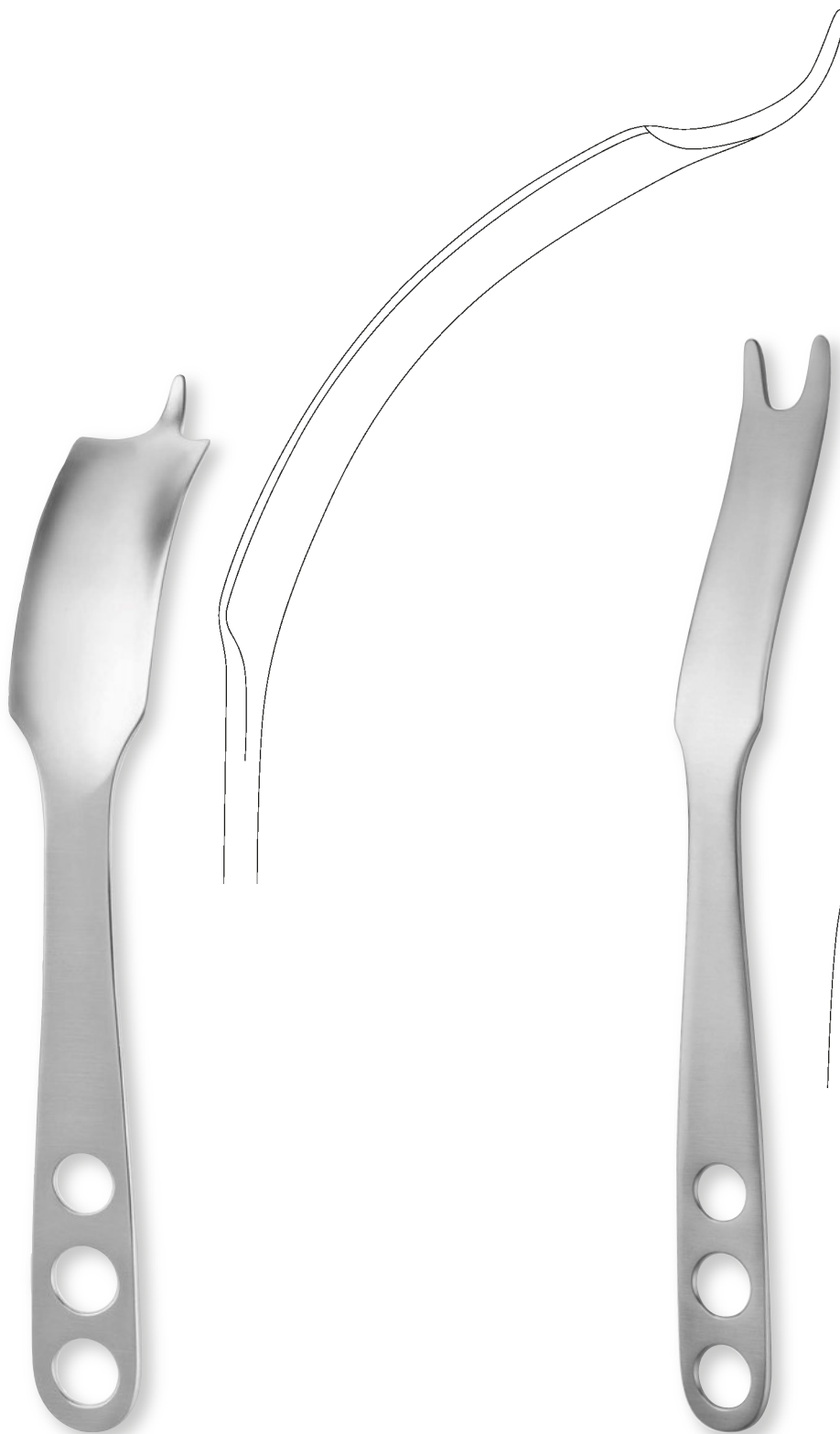
Mios
210-590-240
Hip Retractor, 90°,
femoral neck tip, 22mm
300mm, 12"



Mios
210-545-302
Hip Retractor, 45°,
blunt tip, 28mm
300mm, 12"



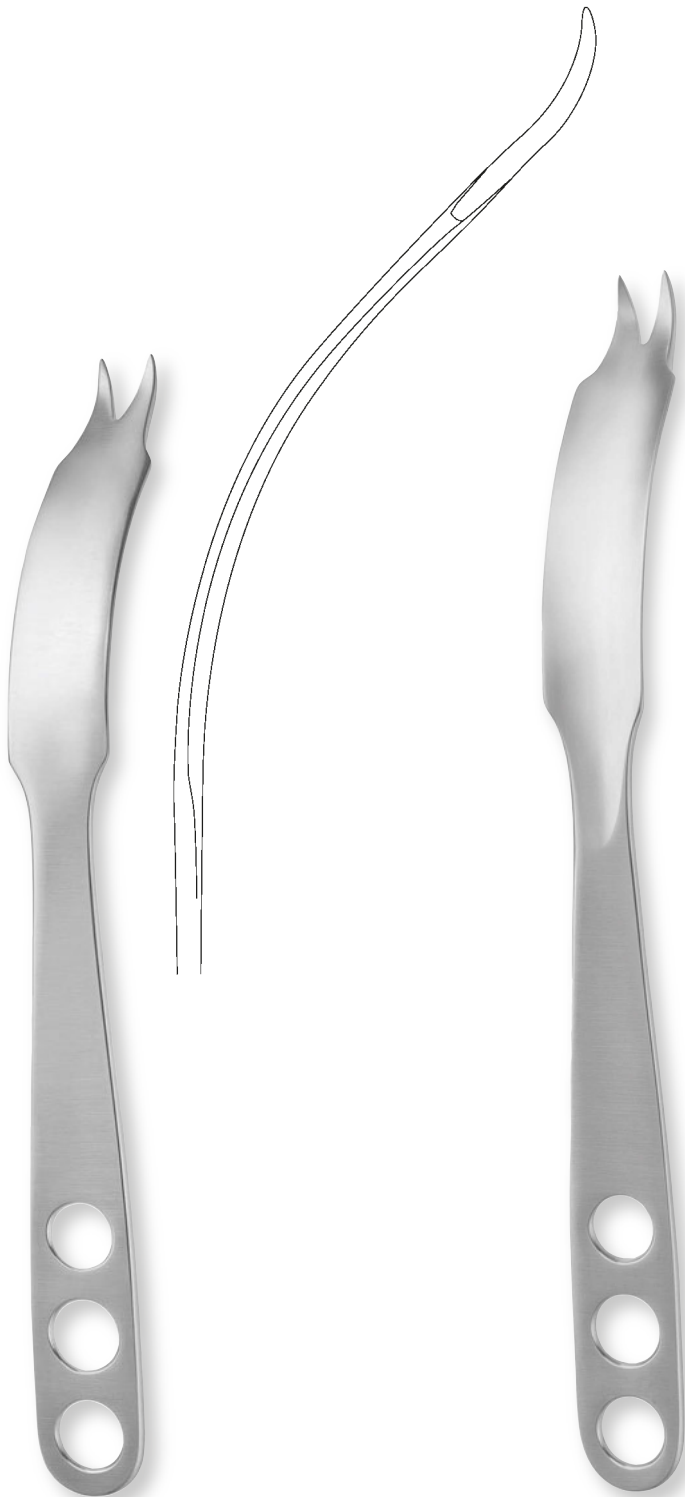
Mios
210-545-301
Hip Retractor, 45°,
sharp tip, 28mm
300mm, 12"



Mios
 210-590-241
 Hip Retractor, 90°
 Blunt tip, 40mm
 300mm, 12"



Mios
 210-520-315
 Hip Retractor
 30°, U-Tip, 28 mm
 315mm, 12^{1/2}"



Mios
210-545-300
Hip Retractor
45°, V-Tip, 28 mm
300mm, 12"

Mios
210-530-315
Hip Retractor
30°, V-Tip, 28 mm
315mm, 12^{1/2}"

Fits to all Hohmann Bone Levers



Multiple combinations
to increase weight

210-541-000
Weight for Bone Levers
1200gr.

[illegible]



SECTION

B

RETRACTORS,
SKIN AND
BONE HOOKS



O'Connor
170-040-160
Fine Wound Retractor
120mm, 4 ³/₄"



Graefe
Skin Hook
125mm, 5"

170-010-125
Sharp



170-011-125
Blunt



Frazier
170-013-130 sharp
170-014-130 blunt
Dura-Hook
130mm, 5"



Jaeger
Fine Wound Hook
130mm, 5"

170-012-130
large

170-012-131
small



Cushing
170-015-140
Fine Wound Retractor
140mm, 5 ¹/₂"



Kilner
230-203-150
Fine Wound Retractor
150mm, 6"



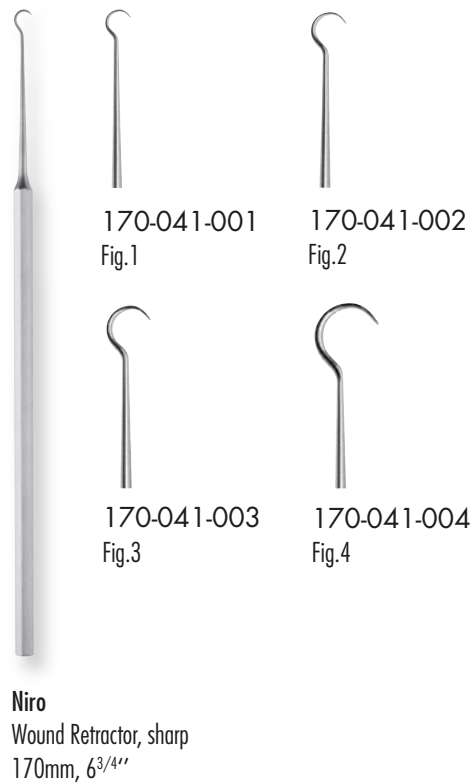
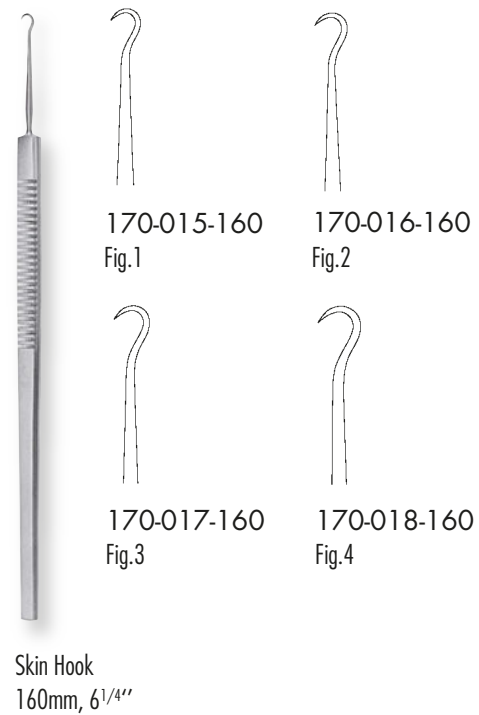
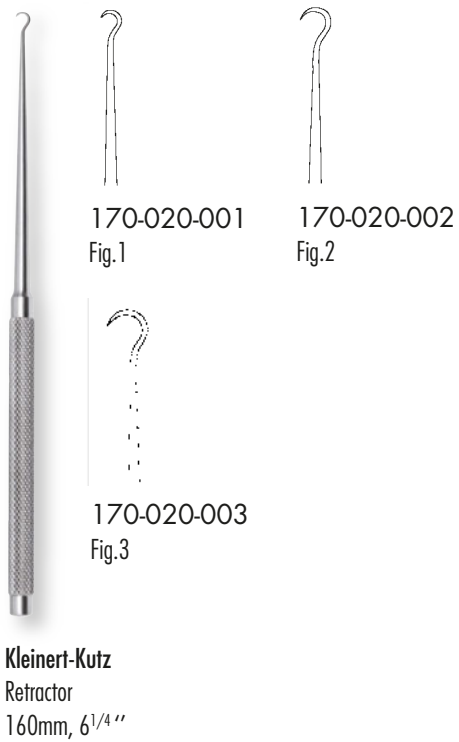
Kilner (Catspaw)
230-203-002
Fine Wound Retractor
150mm, 6"



Cottle
Tenaculum Hook
168mm, 6 ²/₃"

230-285-160
120° retrograde curved

230-286-160
180° retrograde curved





Mannerfelt
420-557-155
Hook, sharp
155mm, 6"



Mannerfelt
Hook, sharp
small curve
155mm, 6"



Mannerfelt
Hook, blunt
small curve
155mm, 6"



Mannerfelt
Hook, sharp
large curve
155mm, 6"



Mannerfelt
Hook, blunt
large curve
155mm, 6"



Gillies
170-237-175
Square Handle Hook, sharp
175mm, 6^{3/4}"



170-079-175
Square Handle Hook, sharp
175mm, 6^{3/4}"



Gillies
Fine Wound Retractor, sharp
180mm, 7"



230-205-180
Fig. 1



230-207-180
Fig. 2



230-209-180
Fig. 3



Penn-Humby
170-021-115
Double Skin Hook, sharp
115mm, 4^{1/2}"



Barsky
170-019-000
170-020-000 detachable
Fine Wound Retractor
150mm, 6"
170-020-100
Double Hook tip only



170-060-001
Fig. 1



170-060-002
Fig. 2

Cushing
Nerve Hook
190mm, 7^{1/2}"



Joseph
Hooklet, sharp
160mm, 6^{1/4}"



170-014-001
1 prong, 150mm



170-014-002
2 prongs, 2mm wide



170-014-005
2 prongs, 5mm wide



170-014-007
2 prongs, 7mm wide



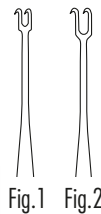
170-014-010
2 prongs, 10mm wide



Lahey
170-033-120 2 Hooks
170-034-120 3 Hooks
Wound Retractor, sharp
120mm, 4^{3/4}"



Freer
230-220-001 sharp prongs
230-220-002 blunt prongs
Skin Hook, 2.5mm wide
150mm, 6"



Guthrie
170-042-160 Fig. 1
170-044-160 Fig. 2
Hook, sharp
160mm, 6^{1/4}"



RZ
170-122-175 blunt
170-123-175 sharp
Square Handle Hook
175mm, 6^{3/4}"



Cottle
230-281-140 ball on right tip
230-282-140 ball on left tip
Hooklet
140mm, 5¹/₂"



Fomon
230-280-160
Hooklet
160mm, 6¹/₄"



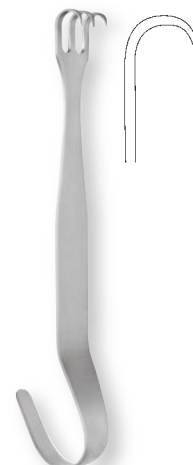
Fomon
230-780-160
Hooklet, insulated
160mm, 6¹/₄"



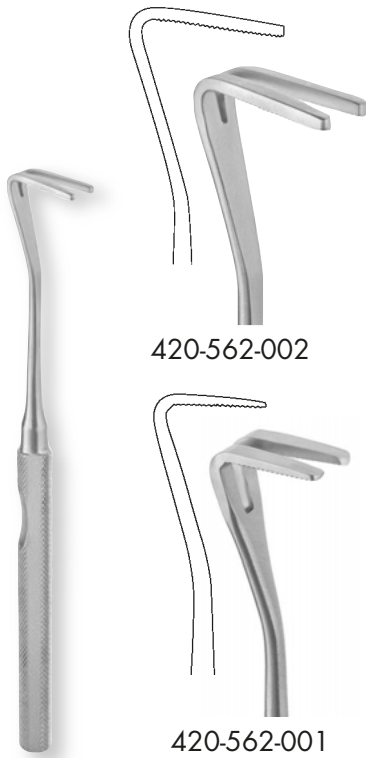
Cottle-Neivert
230-260-200
Double-Ended Retractor
220mm, 8³/₄"



Baby Senn-Miller
170-214-160 sharp
170-213-160 blunt
Retractor, 7x20mm
160mm, 6¹/₄"



260-210-130
Rake Retractor
115mm, 4¹/₂"



Mannerfelt (mod.)

Forked Hook,
retrograde curved
155mm, 6"



Stack

230-195-175 15mm

230-195-230 23mm

Square Handle Fork Retractor

15mm reach

175mm, 6^{3/4}"

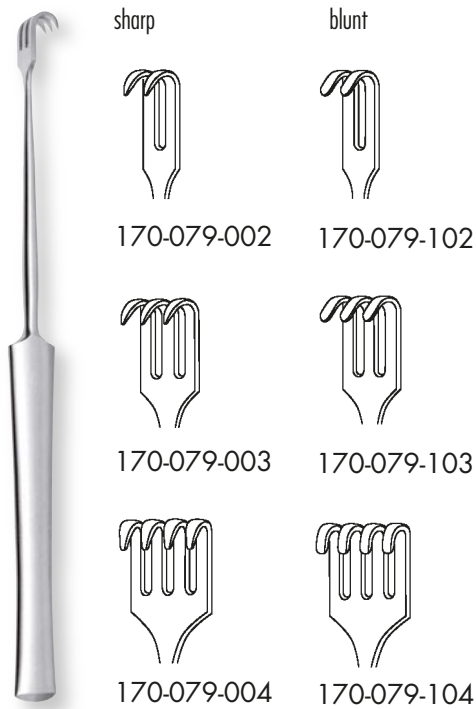


170-275-175

Square Handle Retractor

15mm blade length

175mm, 6^{3/4}"



Rainer
Schwalbenschwanz
Wound Retractor
180mm, 7"



Blair (Rollet)
400-287-004 sharp
400-287-044 blunt
Retractor, 4 prongs,
6mm wide
135mm, 5 1/4"



Flexible Rake Retractor
165mm, 6 1/2"



Miller
170-081-135
Fine Wound Retractor
6 teeth, sharp,
with extra deep teeth
135mm, 5 1/4"

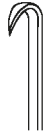


Miller
170-085-130 sharp
170-086-130 blunt
Fine Wound Retractor, 9 teeth
130mm, 5"



Knapp
Fine Wound Retractor
130mm, 5"

sharp



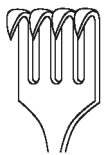
170-074-161



170-074-162



170-074-163



170-074-164

semi-sharp



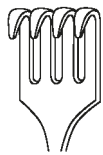
170-077-161



170-077-162



170-077-163

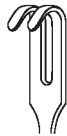


170-077-164

blunt



170-075-161



170-075-162



170-075-163



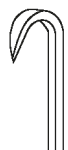
170-075-164



170-879-175
Square Handle Hook, 5 prongs
175mm, 6^{3/4}"

Retractor
165mm, 6^{1/2}"

sharp



170-074-261



170-074-262

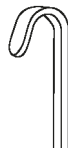


170-074-263



170-074-264

blunt



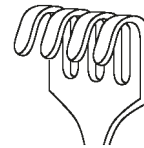
170-075-261



170-075-262



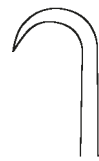
170-075-263



170-075-264



Retractor
170mm, 6^{3/4}"



sharp



170-220-215



semi-sharp



170-231-215



blunt



170-221-215



170-222-215



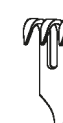
170-233-215



170-223-215



170-224-215



170-235-215



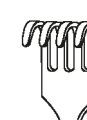
170-225-215



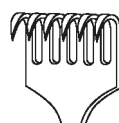
170-226-215



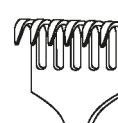
170-237-215



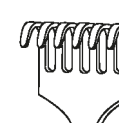
170-227-215



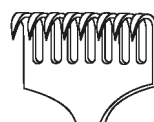
170-228-215



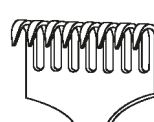
170-239-215



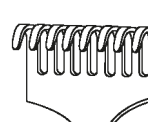
170-229-215



170-230-215



170-241-215



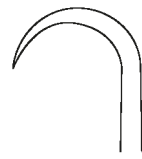
170-232-215



Volkmann
Retractor
215mm, 8 1/2"



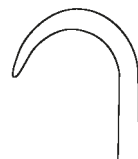
Kocher
220mm, 8⁵/₈"



sharp



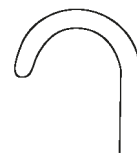
170-310-221



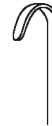
semi-sharp



170-312-221



blunt



170-311-221



170-310-222



170-312-222



170-311-222



170-310-223



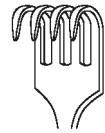
170-312-223



170-311-223



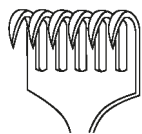
170-310-224



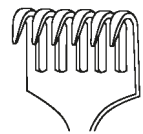
170-312-224



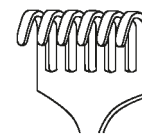
170-311-224



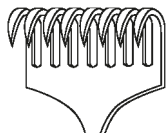
170-310-226



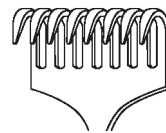
170-312-226



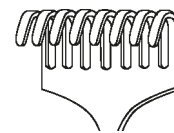
170-311-226



170-310-228



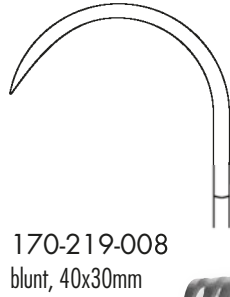
170-312-228



170-311-228



170-218-008
sharp, 40x30mm



170-219-008
blunt, 40x30mm

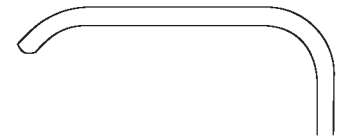
Koerte
Retractor, 8 prongs
240mm, 9 1/2"



Israel
Retractor
250mm, 9 3/4"



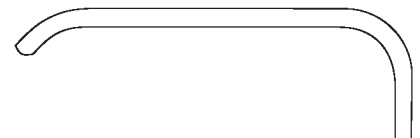
Koerte-Wagner
170-220-280
Retractor, 8 prongs,
semi-sharp, 25x40mm
280mm, 11"



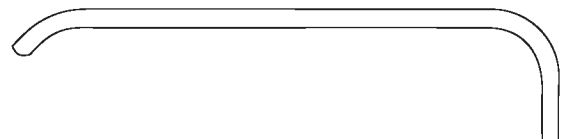
170-220-004
4 prongs, 40x40mm



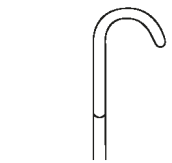
170-220-005
5 prongs, 45x50mm



170-220-006
6 prongs, 50x60mm



170-220-007
6 prongs, 70x70mm



Senn-Miller
170-210-160
170-212-160
Retractor, 7x8.5mm
160mm, 6^{1/4}"

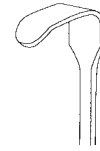
sharp
blunt



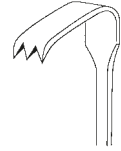
Ragnell-Davis
170-207-140
Retractor, 8x4mm / 15x5.5mm
140mm, 5^{1/2}"



Ragnell
170-206-150
Retractor, 8x3mm / 16x5mm
150mm, 6"



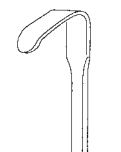
170-079-181
18x7mm



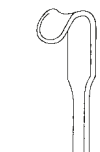
170-079-182
16x5mm, serrated



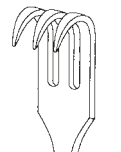
170-079-183
7x4mm, serrated



170-079-184
10x3mm



170-079-185
7x4mm



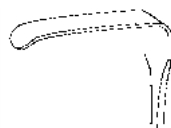
170-079-186
4x10mm, 3 prongs



Meyerding
Retractor
180mm, 7"



170-209-150
10x6mm



170-208-150
20x6mm

Senn-Green
Retractor
150mm, 6"



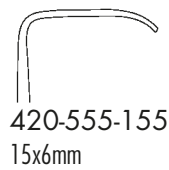
Buck-Gramcko
170-296-175
Square Handle Retractor
6x25mm
175mm, 6^{3/4}"



Moberg
170-136-175
Square Handle Retractor
5x17mm
175mm, 6^{3/4}"



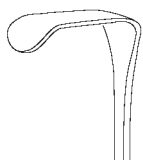
Mannerfelt-Langenbeck
Retractor
155mm, 6"



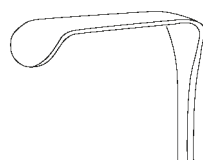
Mannerfelt (mod.)
420-568-155
Retractor, 16x6mm
with hollow groove
155mm, 6"



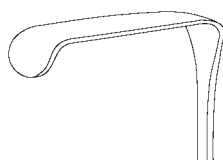
Mini-Langenbeck
Retractor
160mm, 6^{1/4}"



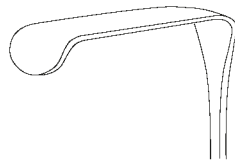
170-130-160
10x6mm



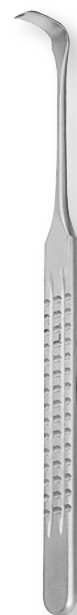
170-131-160
17x5mm



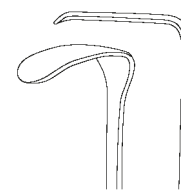
170-132-160
20x6mm



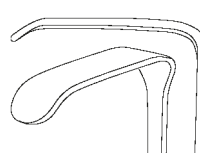
170-133-160
22x8mm



Langenbeck-Green
Retractor
160mm, 6^{1/4}"



170-314-160
16x6mm



170-314-240
24x6mm



Little
170-313-200
Retractor, 12x15mm
200mm, 8"



Desmarres
Retractor
130mm, 5"

	Blade width
170-108-130	8mm
170-110-130	10mm
170-112-130	12mm
170-114-130	14mm
170-116-130	16mm
170-118-130	18mm



Desmarres
Retractor
140mm, 5 1/2"

	Blade width
170-108-160	8mm
170-110-160	10mm
170-112-160	12mm
170-114-160	14mm
170-116-160	16mm
170-118-160	18mm



Desmarres
Blepharoplasty Retractor,
insulated

	Blade width	
170-510-130	10mm	130mm, 5"
170-513-145	13mm	140mm, 5 1/2"
170-512-160	12mm	160mm, 6 1/4"
170-513-160	13mm	160mm, 6 1/4"



Masing
420-520-140
420-520-141 insulated
Alar Retractor, 6x12mm
140mm, 5 1/2"



Cottle
420-523-140
420-523-141 insulated
Alar Retractor, 10x12mm
140mm, 5 1/2"

	Blade width
170-231-080	8mm
170-231-100	10mm
170-231-120	12mm
170-231-140	14mm
170-231-160	16mm
170-231-180	18mm



Cushing
Retractor
200mm, 7^{3/4}"



Cushing
Retractor
240mm, 9^{1/2}"

	Blade width
170-233-080	8mm
170-233-100	10mm
170-233-120	12mm
170-233-140	14mm
170-233-160	16mm
170-233-180	18mm



Mannerfelt-Saddle
Retractor
155mm, 6"



420-556-155
12x12mm



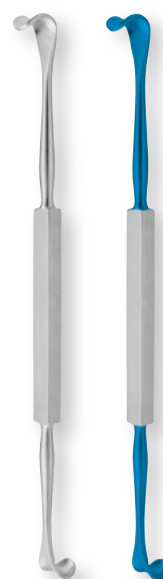
420-556-157
14x16mm



420-556-156
12x14mm



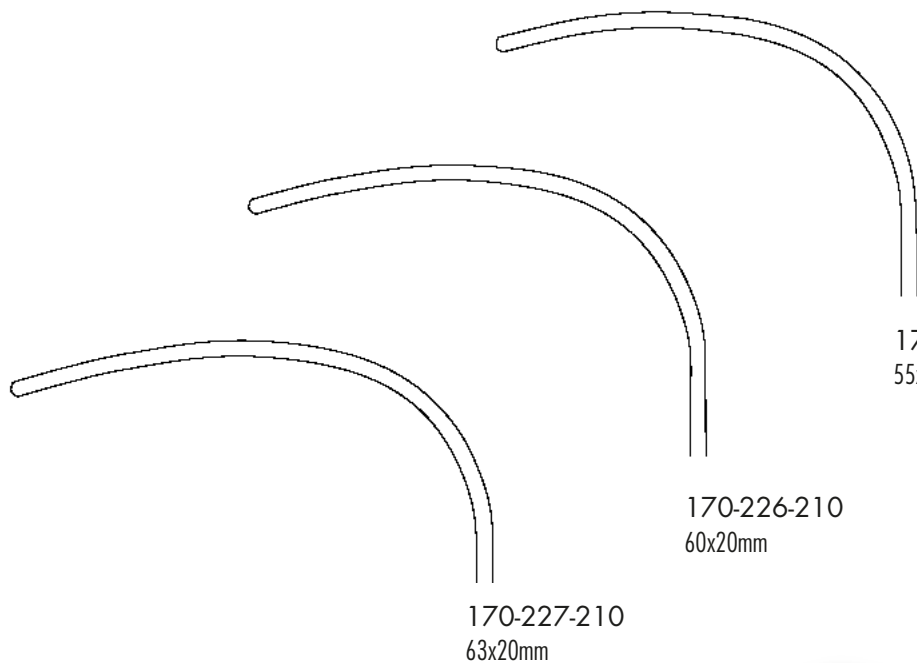
Kasden
170-130-165
171-130-165 insulated
Retractor, Double-ended
165mm, 6^{1/4}"



Desmarres
260-118-150
260-118-151 insulated
Lid Retractor, Double-ended
8mm / 10mm
150mm, 5^{1/2}"



Langenbeck
Retractor
210mm, 8^{1/4}"



170-225-210
55x20mm

170-226-210
60x20mm

170-227-210
63x20mm



Kocher-Langenbeck
Retractor
215mm, 8^{1/2}"

170-317-022	22x6mm
170-317-025	25x8mm
170-317-026	25x6mm
170-317-035	35x8mm
170-317-036	35x11mm
170-317-037	35x15mm
170-317-040	40x11mm
170-317-055	55x11mm
170-317-070	70x15mm
170-317-080	80x12mm
170-317-081	80x15mm



Brunner
Retractor
210mm, 8^{1/4}"

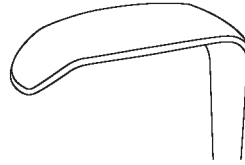
170-471-108	80x20mm
170-471-110	100x20mm
170-471-112	120x25mm
170-471-114	140x25mm
170-471-116	160x30mm
170-471-118	180x30mm



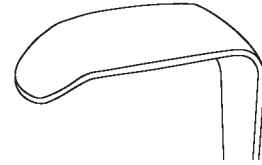
Langenbeck
Retractor, solid handle ❶
220mm, 8⁵/₈"



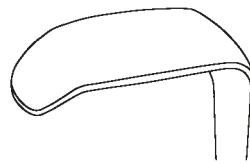
Langenbeck
Retractor, ring handle ❷
220mm, 8⁵/₈"



30x11mm
170-222-220 ❶
170-293-001 ❷



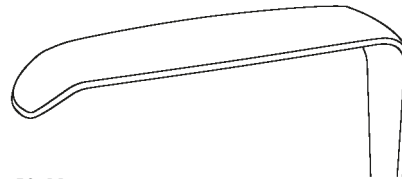
30x14mm
170-222-221 ❶
170-293-002 ❷



30x16mm
170-222-222 ❶
170-293-003 ❷



40x11mm
170-222-223 ❶
170-293-004 ❷



50x11mm
170-222-224 ❶
170-293-005 ❷



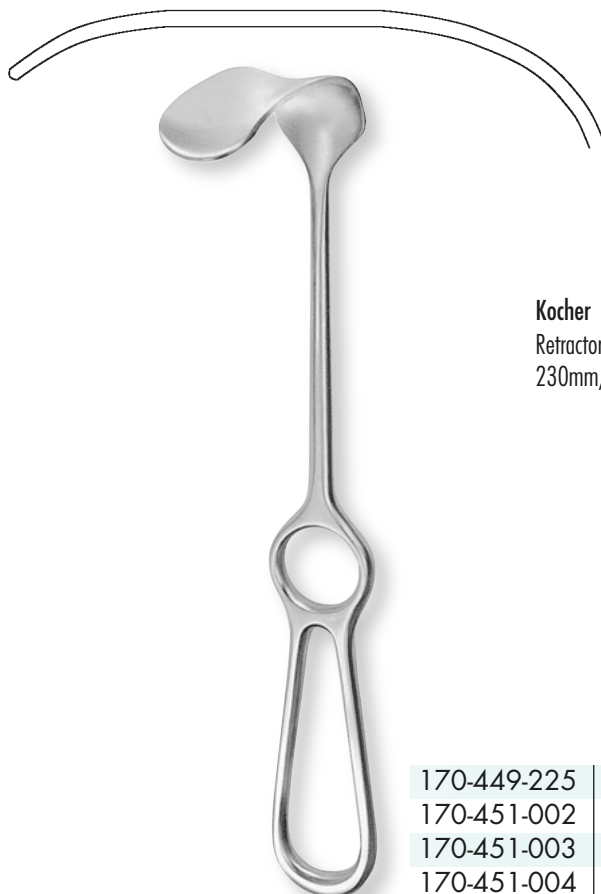
Sauerbruch
Retractor
225mm, 8^{3/4}"

170-561-001	46x16mm
170-561-002	55x22mm
170-561-003	72x19mm



Kocher
Retractor
230mm, 9"

170-315-018	40x18mm
170-315-020	60x20mm
170-315-025	60x25mm
170-315-030	75x30mm
170-315-040	75x40mm



Kocher
Retractor

170-449-225	70x25mm	220mm, 9"
170-451-002	80x42mm	250mm, 10"
170-451-003	80x50mm	250mm, 10"
170-451-004	80x60mm	250mm, 10"



Doyen-Stille
Hand Held Retractor
220mm, 8^{5/8}''

170-440-001	120x52mm
170-440-002	105x30mm
170-440-003	90x28mm



Simon
170-457-001 115x22mm
170-457-002 115x27mm
Abdominal Retractor
280mm, 11''



Meyerding
Retractor, fine serrated
225mm, 8^{3/4}''

170-490-500	90x50mm
170-475-160	75x25mm
170-450-160	50x16mm



Coryllos
Thorax Retractor
240mm, 9^{1/2}"

170-461-003	115x65 mm
170-461-002	108x43 mm
170-461-001	82x22 mm



Brunner
Retractor
250mm, 10"

170-471-018	180x30mm
170-471-016	160x30mm
170-471-014	140x25mm
170-471-012	120x25mm
170-471-010	100x20mm
170-471-008	80x20mm



Morris
170-465-380 70x38mm
170-465-510 70x50mm
Retractor
245mm, 9^{5/8}"

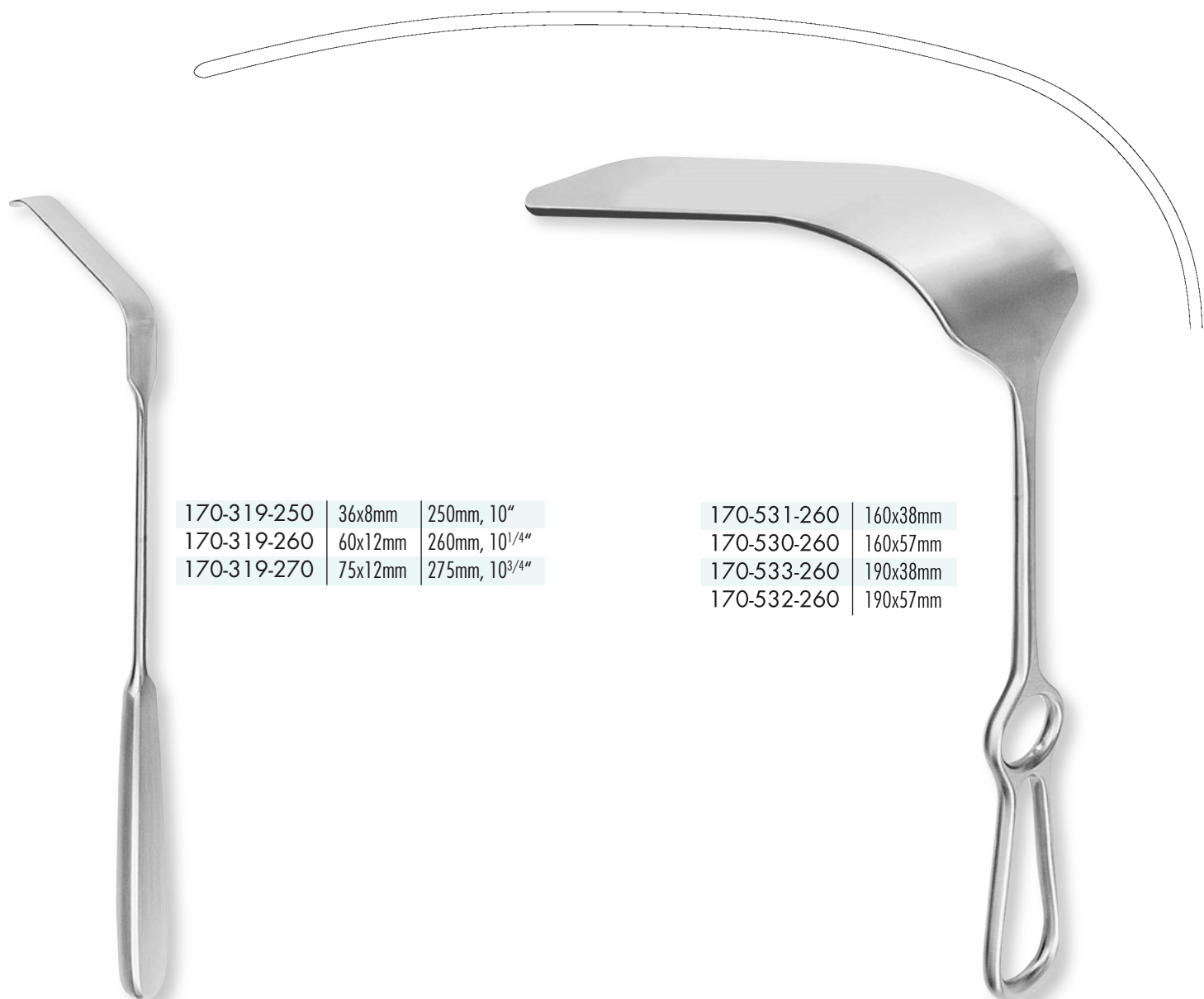


Mikulicz
170-607-260
Retractor, 90x50mm
260mm, 10^{1/4}"



170-489-001	85x35mm
170-489-002	120x50mm
170-489-003	150x50mm

Mikulicz
Retractor
260mm, 10^{1/4}"



170-319-250	36x8mm	250mm, 10"
170-319-260	60x12mm	260mm, 10 ¹ / ₄ "
170-319-270	75x12mm	275mm, 10 ³ / ₄ "

170-531-260	160x38mm
170-530-260	160x57mm
170-533-260	190x38mm
170-532-260	190x57mm

Zenker
Retractor

Kelly
Retractor
270mm, 10¹/₂"



Gil-Vernet
Retractor
245mm, 9^{5/8}"

	Blade width
170-235-080	8mm
170-235-110	11mm
170-235-130	13mm
170-235-150	15mm
170-235-170	17mm
170-235-200	20mm



Gil-Vernet
Retractor, malleable
280mm, 11"

	Blade width
170-237-080	8mm
170-237-110	11mm
170-237-130	13mm
170-237-150	15mm
170-237-170	17mm
170-237-200	20mm

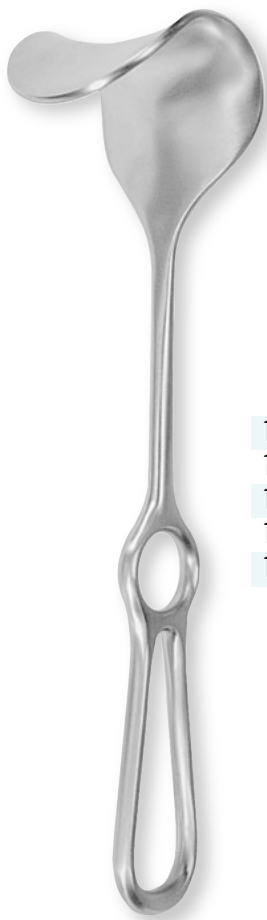


Cushing
170-235-210
Vein Retractor
12mm x 10mm blade
230mm, 9"

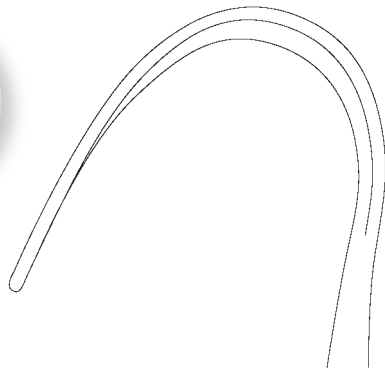
	Blade width
170-383-001	28x20mm
170-383-002	36x28mm
170-383-003	44x38mm
170-383-004	52x22mm
170-383-005	65x50mm
170-383-006	70x65mm



Richardson (Kelly)
Retractor
240mm, 9^{1/2}"



170-447-040	45x40mm
170-447-050	45x50mm
170-447-060	45x60mm
170-447-075	45x75mm
170-447-085	65x85mm



230-140-175	12x14mm
230-160-175	13x16mm
230-190-175	14x19mm
Square Handle Blade Retractor	
175mm, 6 ⁵ / ₈ "	



Green
170-319-220
Retractor
20mm width x 23mm depth
fenestrated blade
220mm, 8 ¹ / ₂ "

Fritsch
Retractor
240mm, 9¹/₂"



Middeldorpf
Retractor

170-363-001	14x17mm	215mm, 8 ¹ / ₂ "
170-363-002	20x22mm	220mm, 8 ⁵ / ₈ "
170-363-003	26x30mm	235mm, 9 ¹ / ₄ "



Middeldorpf
Retractor

170-325-001	14x17mm	215mm, 8 ¹ / ₂ "
170-325-002	20x22mm	220mm, 8 ⁵ / ₈ "
170-325-003	26x30mm	235mm, 9 ¹ / ₄ "



Middeldorpf
Retractor
255mm, 10"

170-443-001	40x45mm
170-443-002	45x50mm
170-443-003	55x70mm



170-712-080
Farr
Spring Retractor, 85 mm,
self retaining



Alm
Retractor, 4x4 teeth,
self retaining

sharp

170-714-070	70mm, 2 ³ / ₄ "
170-714-100	100mm, 4"

semi-sharp

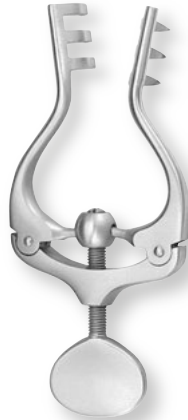
170-716-070	70mm, 2 ³ / ₄ "
170-716-100	100mm, 4"

blunt

170-715-070	70mm, 2 ³ / ₄ "
170-715-100	100mm, 4"



170-717-100
Holzheimer
Retractor, 4x4 teeth, blunt, 4mm,
100mm, 4"



170-720-100 sharp
170-721-100 sharp/blunt
170-723-100 blunt
Jansen
Retractor, 3x3 teeth
100mm, 4"



170-749-105 sharp
170-748-105 blunt
Weilaner-Loktite
Retractor, 2x3 teeth
120mm, 4^{3/4}"



170-752-130 sharp
170-753-130 blunt
Weilaner-Wullstein
Retractor, 3x3 teeth
130mm, 5"



Weilaner
Retractor, 3x4 teeth

170-750-130	sharp	130mm, 5"
170-751-130	blunt	130mm, 5"
170-750-165	sharp	165mm, 6 ^{1/2} "
170-751-165	blunt	165mm, 6 ^{1/2} "

170-734-200	sharp	200mm, 8"
170-735-200	blunt	200mm, 8"
170-734-240	sharp	240mm, 9 ^{1/2} "
170-735-240	blunt	240mm, 9 ^{1/2} "



Adson
Baby Retractor with hinged blades,
3x4 teeth

	sharp	
170-795-130	15x20mm	130mm, 5"
170-795-160	15x20mm	160mm, 6 ^{1/4} "

	blunt	
170-794-130	15x20mm	130mm, 5"
170-794-160	15x20mm	160mm, 6 ^{1/4} "



170-768-130
Milligan
Retractor, 3x3 teeth
130mm, 5"



170-767-130
Weitlanger-Baby
Retractor, 130mm, 5"



170-725-140 sharp
170-727-140 blunt
Scalp-Contour
Retractor, 3x4 teeth,
140mm, 5¹/₂"



170-754-155
Mollison
Retractor, sharp, 4x4 teeth,
155mm, 6"



Wullstein
Retractor, 3x4 teeth

170-742-105	sharp	105mm, 4 ¹ / ₈ "
170-743-105	blunt	105mm, 4 ¹ / ₈ "
170-742-130	sharp	130mm, 5"
170-743-130	blunt	130mm, 5"
170-742-150	sharp	150mm, 6"
170-743-150	blunt	150mm, 6"
170-742-180	sharp	180mm, 7"
170-743-180	blunt	180mm, 7"



170-758-125 sharp
170-759-125 blunt
Schuhknecht
Retractor, 3x3 teeth
125mm, 5"



170-728-160 sharp
170-729-160 blunt

Adson-Baby

Retractor, 3x4 teeth, sharp
160mm, 6¹/₄"



170-732-200

Adson-Anderson

Retractor, angled, 4x4 teeth, sharp
195mm, 7³/₄"



170-776-220

Adson-Anderson

Retractor, 4x5 teeth, blunt
220mm, 8³/₄"



Adson
Retractor, 3x4 teeth

170-795-200	sharp	200mm, 8"
170-794-200	blunt	200mm, 8"
170-795-260	sharp	260mm, 10 ¹ / ₄ "
170-794-260	blunt	260mm, 10 ¹ / ₄ "



Adson
Retractor

170-730-265	3x4, sharp	265mm, 10 ¹ / ₂ "
170-733-265	3x4, blunt	265mm, 10 ¹ / ₂ "
170-732-265	5x6, sharp	270mm, 10 ³ / ₄ "
170-731-265	5x6, blunt	270mm, 10 ³ / ₄ "



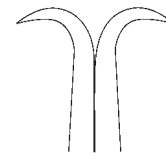
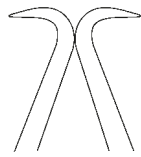
170-786-001 sharp
170-786-000 blunt
Beckmann-Adson
Retractor, 4x4 teeth
310mm, 12¹/₄"



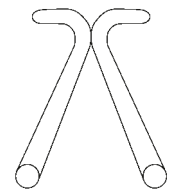
170-784-320
Adson
Retractor, 4x5 teeth, blunt
320mm, 12¹/₂"



170-788-320 sharp
170-789-320 blunt
Beckmann-Eaton
Retractor, 7x7 teeth
320mm, 12¹/₂"



Gelpi
170-802-180
Perineal Retractor
180mm, 7"



Jackson-Burrows
170-776-175 blunt
170-777-175 sharp
Retractor, 175mm, 7"

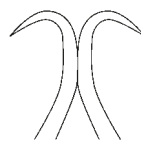
Gelpi
Retractor, sharp points

170-802-090
90mm, 3 1/2"

170-802-110
115mm, 4 1/2"

170-802-135
140mm, 5 1/2"

170-802-190
190mm, 7 1/2"



170-745-100 100mm, 4"
170-745-170 170mm, 6 3/4"
DeBailey
Retractor



Gelpi-Loktite
170-803-180
Retractor, sharp points
175mm, 7"



Wiltse-Gelpi
170-805-250
Retractor, sharp points
280mm, 11"

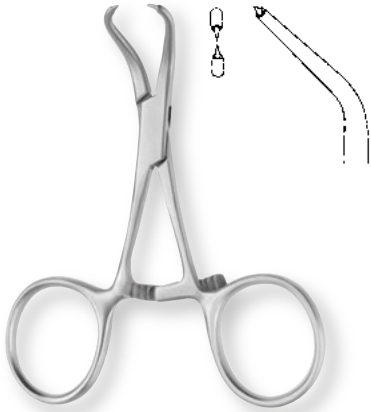
[illegible]



SECTION

C

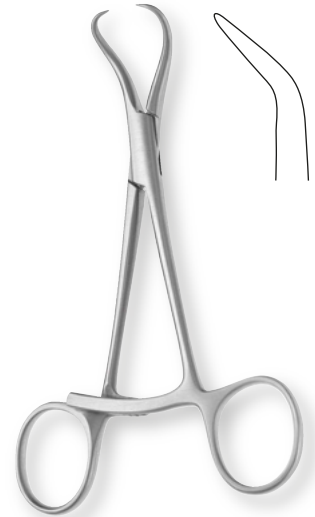
BONE HOLDING



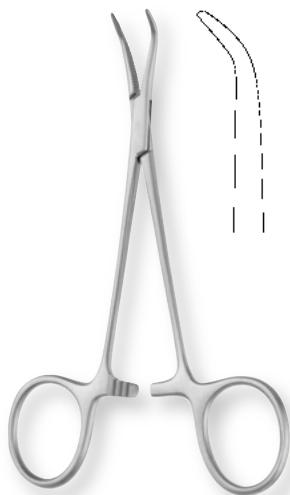
210-651-095
Reposition Forceps
95mm, 3³/₄"



210-651-130
Reposition Forceps for
maxillary reposition
135mm, 5¹/₄"



Steinhauser
210-651-135
Reposition Forceps with extra long ratchet
135mm, 5¹/₄"



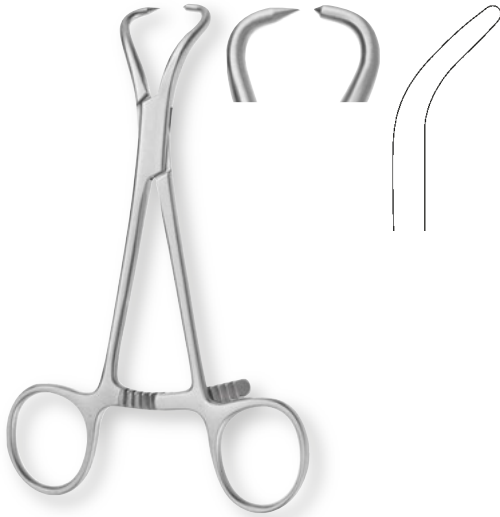
210-649-120
Bone Holding Forceps
Very fine model
120mm, 4³/₄"



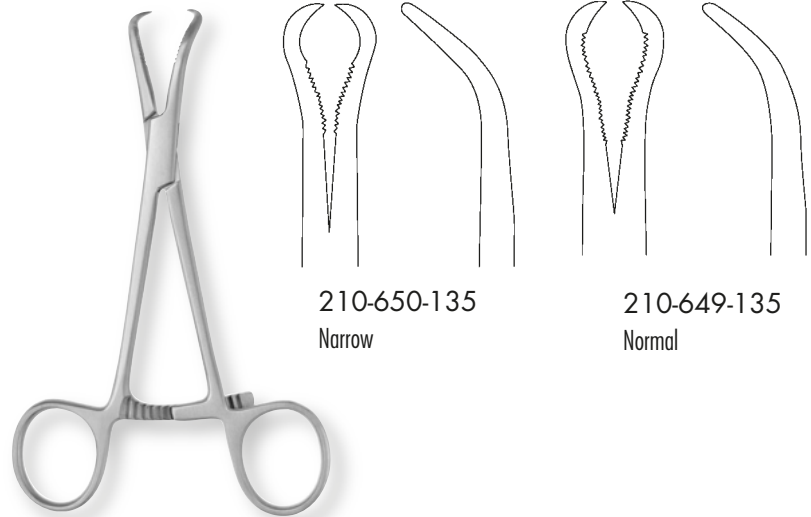
210-631-120
Bone Fragment Clamp
120mm, 4³/₄"



Stagbeetle
210-651-120
Reposition Forceps, curved fine tips,
for small fragments
120mm, 4³/₄"



210-665-135
Bone Reduction Forceps, curved
with stepped point
135mm, 5¹/₄"



210-650-135
Narrow

210-649-135
Normal

Bone Reduction Clamp, curved,
with pointed tips, serrated jaws
130mm, 5"



200-511-145
Ø 1.1mm
200-513-145
Ø 1.3mm
200-516-145
Ø 1.6mm

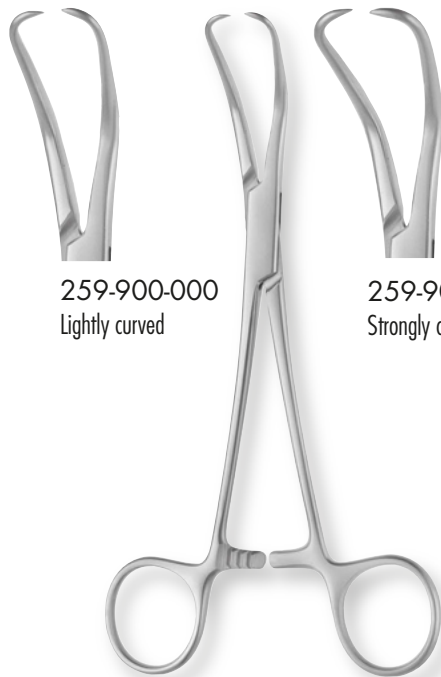
Bone Holding Forceps
with guide for K-wire
145mm, 5³/₄"



Haase
210-251-165
Reposition Forceps
165mm, 6¹/₂"



Reill
210-649-170
Reposition Forceps
170mm, 6^{3/4}"



259-900-000
Lightly curved

259-900-001
Strongly curved

Bankart
Perforating Forceps
170mm, 6^{3/4}"

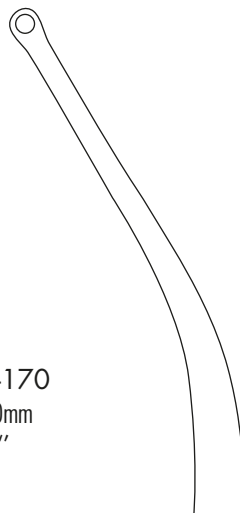


210-651-200
Reposition Forceps
200mm, 8"



Meyer
Reposition Forceps for Finger
with drill guide

210-650-170
For K-Wire 1.0mm
170mm, 6^{3/4}"



210-650-200
For K-Wire 2.0mm
200mm, 8"



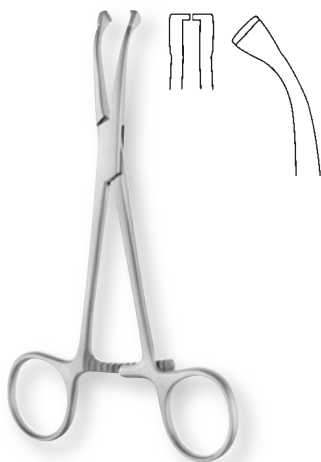
210-650-140
Hand Bone Holding Forceps
140mm, 5¹/₂"



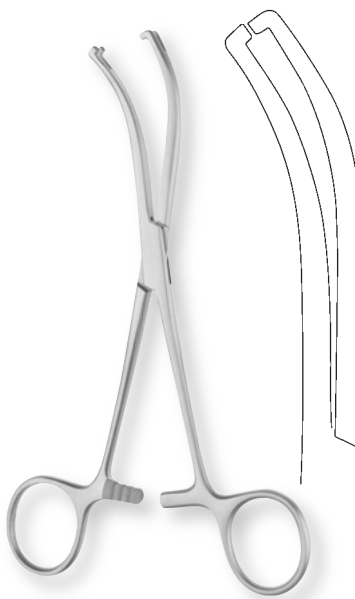
Locke
210-628-150
Phalangeal Forceps, 1x2 teeth,
serrated jaws
150mm, 6"



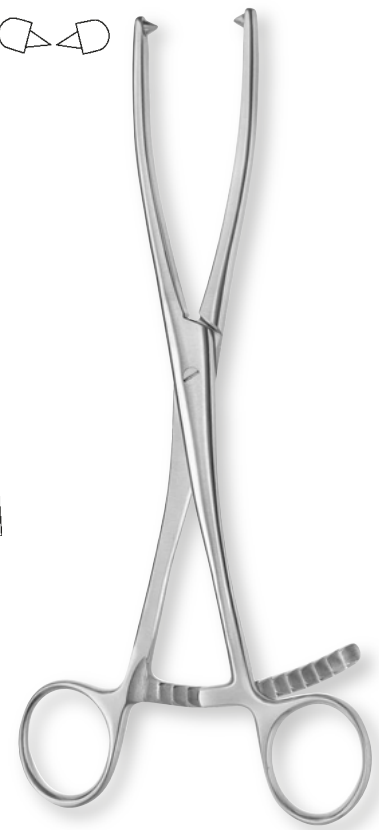
210-718-140
Reposition Forceps,
with ratchet fixation, 140mm, 5¹/₂"



210-613-120
Plate- and Bone Holding Forceps, curved,
positioning small fragment Bone plates
120mm, 4³/₄"



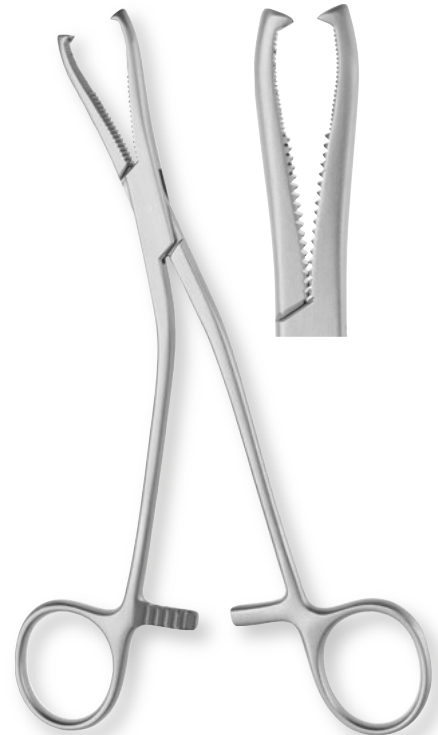
210-629-150
Sesamoidectomy Clamp,
slightly curved
150mm, 6"



Meyer
210-656-210
Malleolar Reposition Forceps
210mm, 8¹/₃"



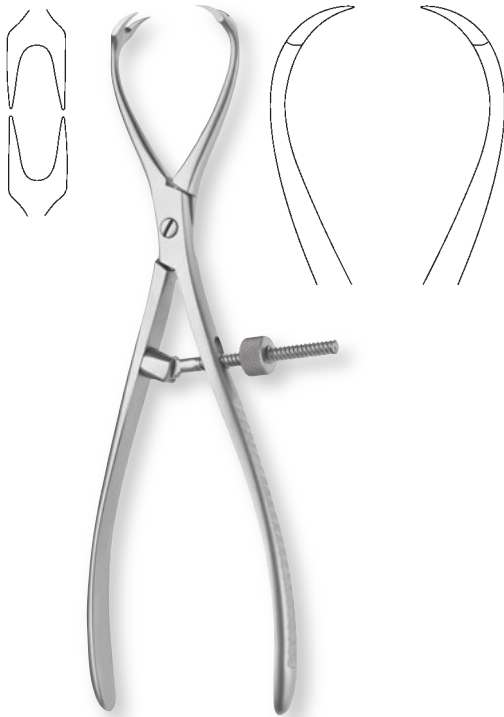
Lewin
210-618-175
Bone Holding Forceps,
serrated, slightly curved
180mm, 7¹/₈"



Dingmann
210-625-190
Bone Holding Forceps,
delicate pattern
190mm, 7¹/₂"



Dingman
210-626-190
Bone Holding Forceps, heavy pattern
190mm, 7¹/₂"



210-654-185
Patella Holding Forceps
185mm, 7¹/₄"



Frosch
210-726-180
Bone Holding Forceps
180mm, 7"



210-659-210
Fibula Forceps, angled working end,
with speed lock
210mm, 8¹/₄"



210-657-200
Bone Holding Forceps
200mm, 8"



Semb
210-623-190
Bone Holding Forceps,
curved sideways
190mm, 7½"



Fergusson
210-724-210
Bone Holding Forceps
210mm, 8¼"



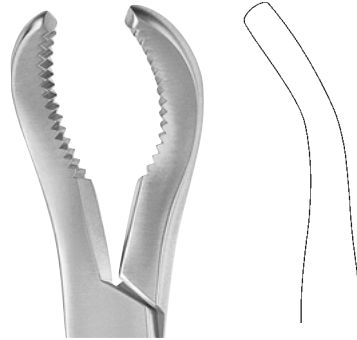
Langenbeck
210-722-210
Bone Holding Forceps
210mm, 8¼"



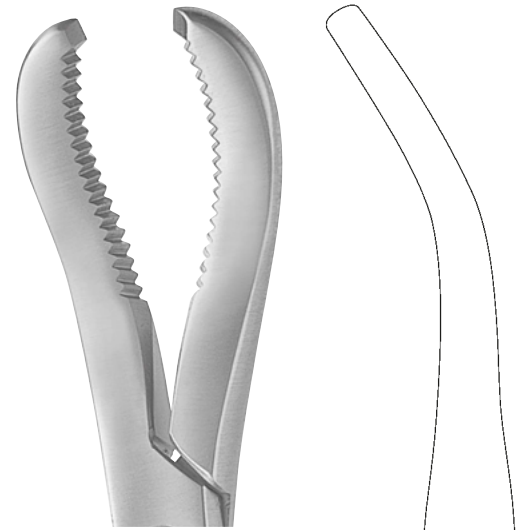
Semb
210-624-190
Bone Holding Forceps,
lateral curved, with ratchet
190mm, 7½"



Setter
Bone Holding Forceps, curved
with speed lock



210-719-160
160mm, 6¹/₄"



210-719-220
225mm, 9"



210-610-200
Sequestrum Forceps, straight
200mm, 8"



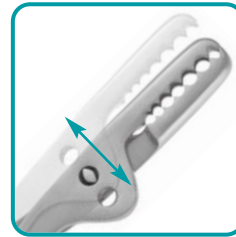
210-611-200
Curved
200mm, 8"



Van Buren
210-615-230
Sequestrum Forceps, curved
230mm, 9"



Farabeuf-Lambotte
210-634-200
Bone Holding Forceps
10 mm jaw
200mm, 8"



Adjustable jaw



Farabeuf
Bone Holding Forceps
210-630-230
230mm, 9"

210-630-260
260mm, 10¹/₄"



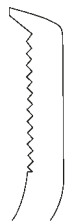
Farabeuf-Lambotte
Bone Holding Forceps
210-634-260
260mm, 10¹/₄"



Kern
210-621-150
Bone Holding Forceps
with ratchet
150mm, 6"
210-620-150
without ratchet



210-621-210
230mm, 9"



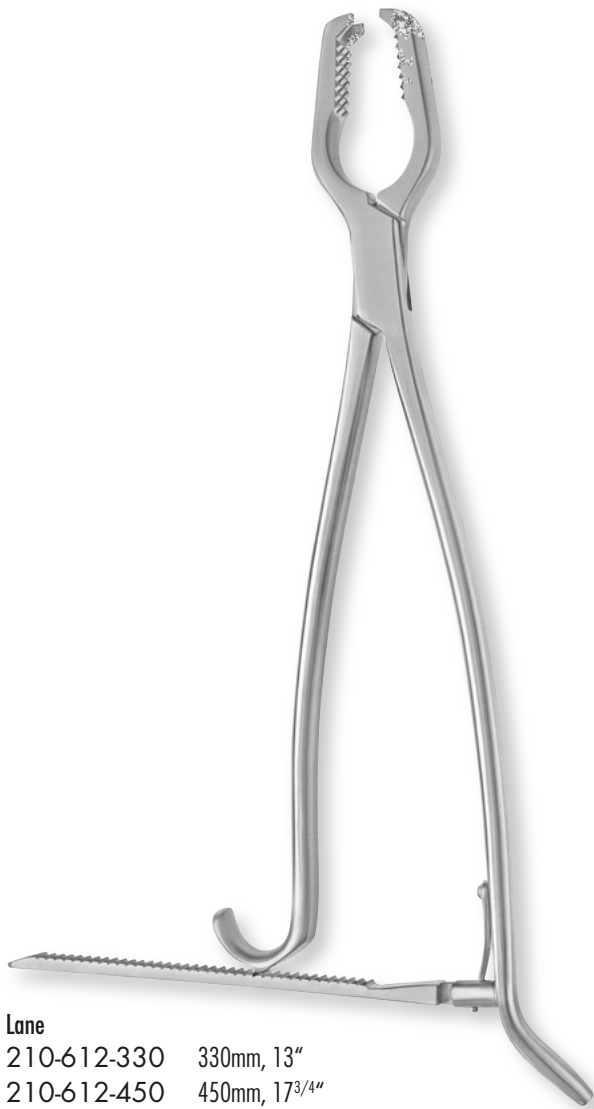
210-621-170
170mm, 6^{2/3}"



Kern
Bone Holding Forceps
with ratchet



Kern
Bone Holding Forceps, **without** ratchet
210-620-210
210mm, 8^{1/4}"
210-620-170
170mm, 6^{2/3}"



Lane
 210-612-330 330mm, 13"
 210-612-450 450mm, 17³/₄"
 Bone Holding Forceps,
 with ratchet



Lane
 210-610-330 330mm, 13"
 210-610-450 450mm, 17³/₄"
 Bone Holding Forceps
 without ratchet



Hey Groves
210-600-230
Bone Holding Forceps,
6.5mm jaw width
210mm, 8"



Hey Groves
210-600-270
Bone Holding Forceps,
7.5mm jaw width
270mm, 10³/₄"



Hey Groves
210-600-300
Bone Holding Forceps,
8.5mm jaw width
300mm, 12"



210-605-170
175mm, 6³/₄"



210-605-250
250mm, 10"



210-605-260
260mm, 10¹/₂"



Verbrugge
Bone Holding Forceps



210-605-270
270mm, 11"



Verbrugge
Bone Holding Forceps,
self-centering



210-603-150
150mm, 6"



210-603-190
190mm, 7½"



210-603-240
240mm, 9½"



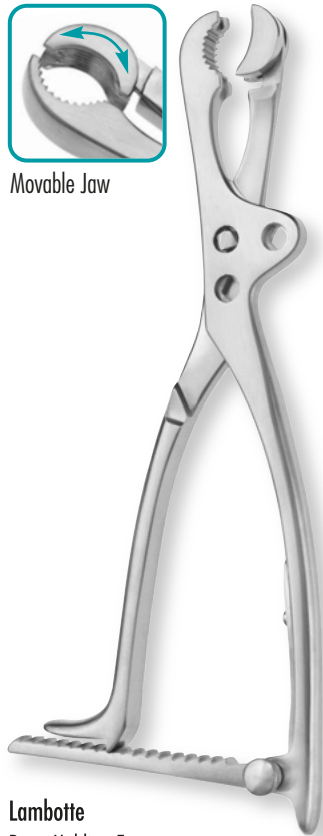
210-603-260
260mm, 10¼"



210-603-280
280mm, 11"



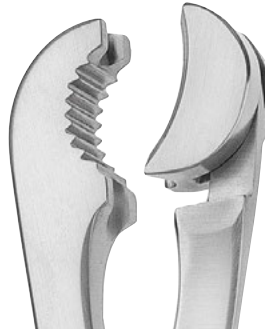
Movable Jaw



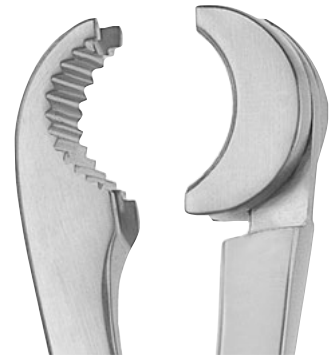
Lambotte
Bone Holding Forceps
with movable jaw



210-640-220
10mm jaw width
220mm, 8³/₄"



210-640-270
11mm jaw width
270mm, 10¹/₂"



210-640-300
12mm jaw width
300mm, 12"



Movable Jaw



210-645-230
14mm jaw width
230mm, 9"



Lambotte
Bone Holding Forceps
with movable jaw



210-645-260
16mm jaw width
260mm, 10¹/₄"



Movable Jaw



Lambotte
Bone Holding Forceps



210-642-260
13mm jaw width
260mm, 10¹/₄"



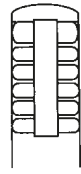
210-642-220
10mm jaw width
220mm, 8³/₄"



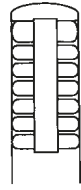
210-642-330
16mm jaw width
330mm, 13"



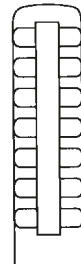
Ulrich
Bone Holding Forceps
straight



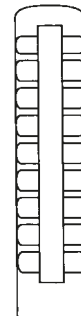
210-602-190
190mm, 7½"
Fig.0



210-602-230
230mm, 9"
Fig.1



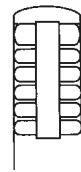
210-602-250
250mm, 10"
Fig.2



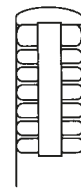
210-602-280
280mm, 11"
Fig.3



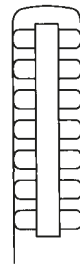
Ulrich
Bone Holding Forceps
laterally angled



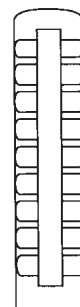
210-601-190
190mm, 7½"
Fig.0



210-601-230
230mm, 9"
Fig.1



210-601-250
250mm, 10"
Fig.2



210-601-280
280mm, 11"
Fig.3



210-414-190
Oblique Pelvic Reposition
Forceps, small, with ball
tips, speed lock
190mm, 7^{1/2}"



210-416-230
Pelvic Reposition For-
ceps, with ball tips,
speed lock
230mm, 9^{5/8}"



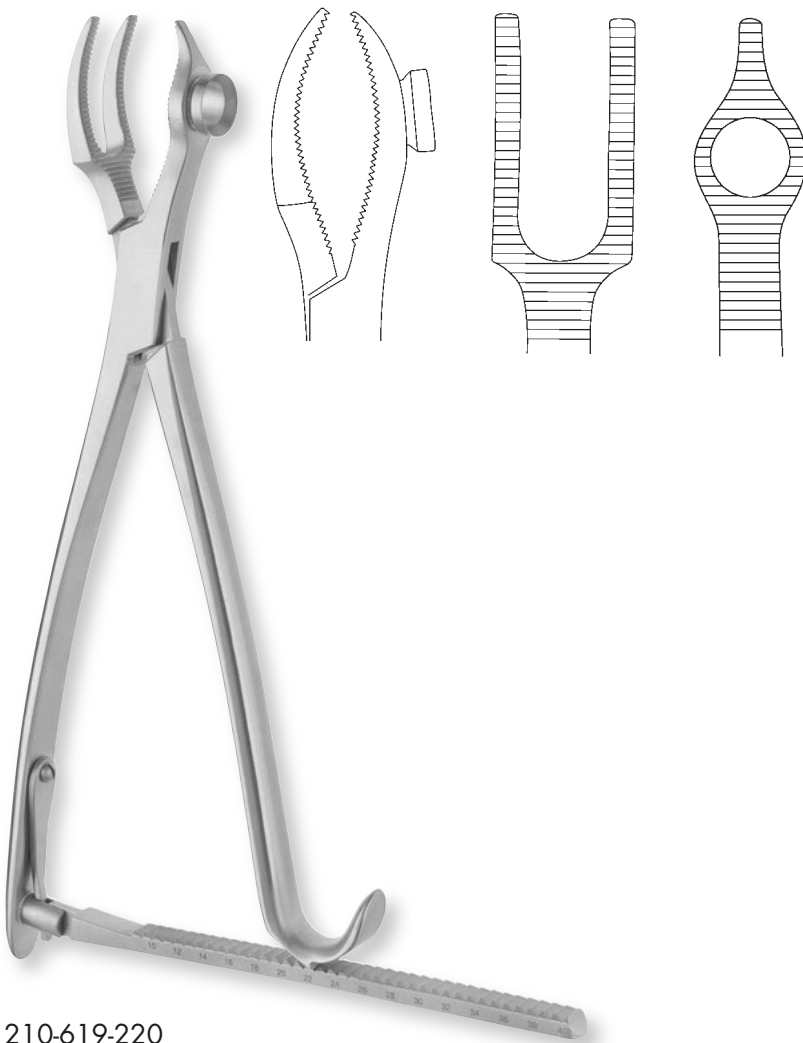
210-415-230
Oblique Pelvic Reposition
Forceps, large, with ball
tips, speed lock
230mm, 9^{5/8}"



210-418-400
Pelvic Reduction Forceps,
with 1x2 ball tips, speed lock
400mm, 16"



210-416-400
Pelvic Reposition For-
ceps, with ball tips,
speed lock
400mm, 16"



210-619-220
Bone Holding Forceps,
with scaled ratched
max. opening of jaw 40mm
220mm, 8³/₄"



200-250-340
Pelvic Reduction Forceps
with quick lock
350mm, 13¹/₂"



210-982-130	130mm, 5"
210-982-185	185mm, 7 ¹ / ₂ "
210-982-200	200mm, 8"

Lowman
Bone Holding Clamp
1x1 teeth



210-980-130	130mm, 5"
210-980-185	185mm, 7 ¹ / ₂ "
210-980-200	200mm, 8"
210-980-220	220mm, 8 ² / ₃ "

Lowman
Bone Holding Clamp
1x2 teeth

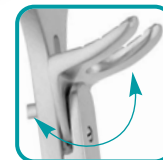


210-987-185	185mm, 7 ¹ / ₂ "
210-987-200	200mm, 8"

Lambert-Lowman
Bone Holding Clamp
2x2 teeth

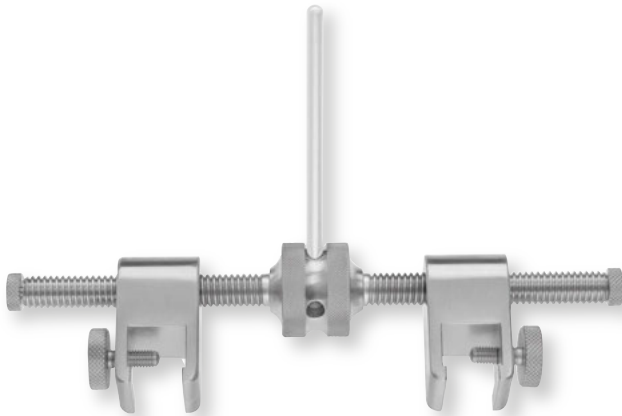


210-815-175	175mm, 7"
210-815-205	200mm, 8"



Rotatable

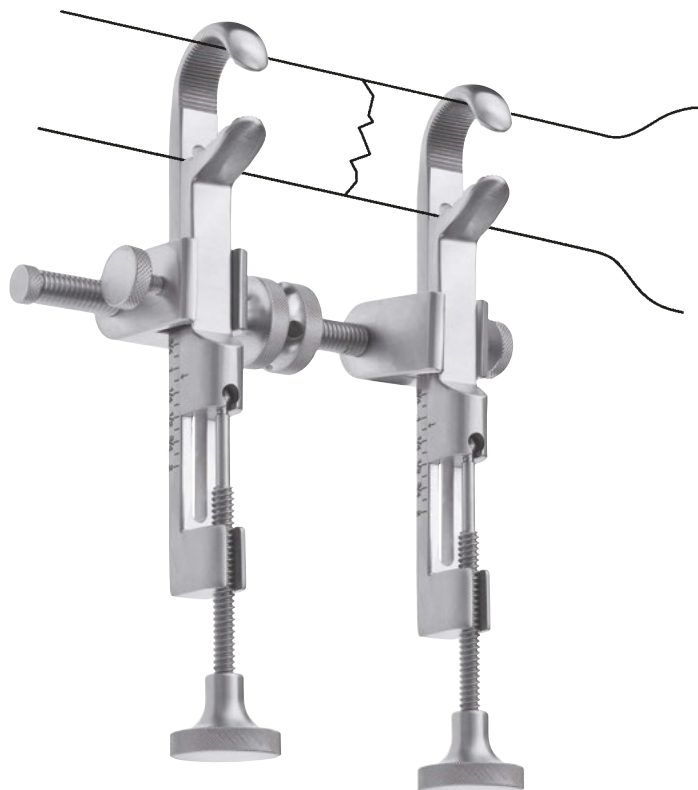
Lowman-Hoglund
Bone Holding Clamp
2x2 teeth



Gerster
210-981-150
Traction Bar, max. $\varnothing$ 25mm
160mm, 6^{1/3}"



Gerster
210-981-151
Spare Bolt for 210-981-150





210-165-300
Femoral head-extractor
300mm, 11^{7/8}"



SECTION

D

CARTILAGE AND
TENDON



210-615-100
Jaw width 1.5mm



210-675-002
Jaw width 2mm

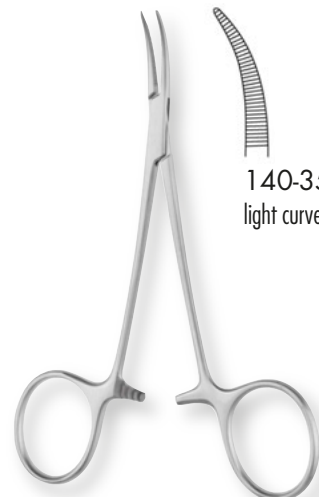


210-675-005
Jaw width 5mm

Tendon Grasping Forceps
100mm, 4"

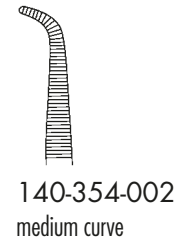


140-584-155
Tendon Grasping Forceps
155mm, 6"

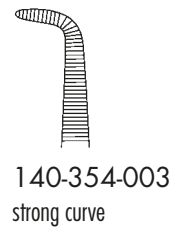


Halsted-Mosquito
Tendon Grasping Forceps
125mm, 5"

140-354-001
light curve



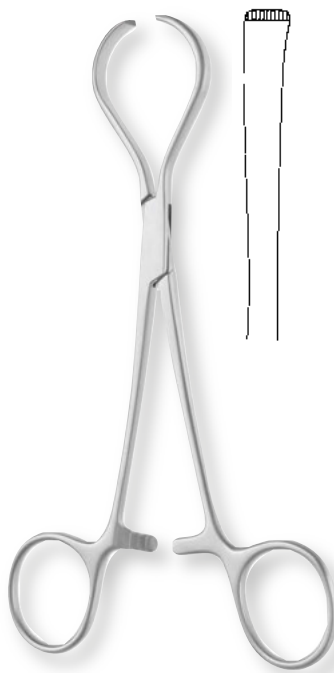
140-354-002
medium curve



140-354-003
strong curve



Englert
140-355-145
Tendon Grasping Forceps
4x5 atraumatic teeth
145mm, 5³/₄"



Ombredanne (Iselin)
140-583-160
Tendon Holding Forceps
4x5 teeth
160mm, 6¹/₄"



Tendon interlacing Forceps
150mm, 6"

210-682-150
straight

210-683-150
curved

210-684-150
strongly curved
(without illustration)



210-650-120
Tendon Seizing Forceps
with 3 pins
120mm, 4^{3/4}"



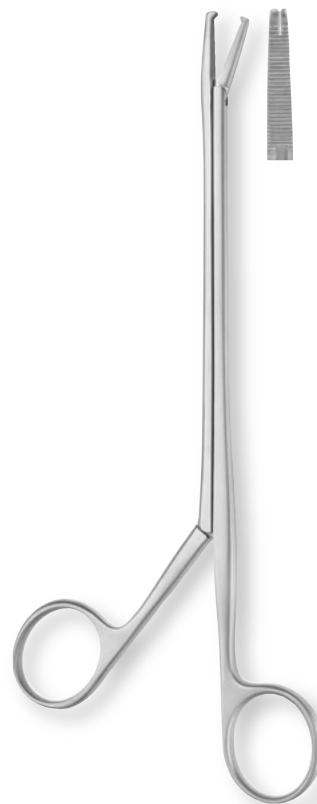
Steinmann
210-674-160
Tendon Seizing Forceps
160mm, 6^{1/4}"



Carroll
210-679-110
Tendon Forceps, curved
110mm, 4^{1/8}"



Hoen
210-660-120
Tendon Grasping Forceps, 1x2 teeth
120mm, 5^{1/2}"



Anderson
210-664-205
Brand Tendon Retriever
light model
205mm, 8"



Brand
210-665-150
150mm, 6"

210-665-190
190mm, 7½"

210-665-240
245mm, 9¾"

Tendon Seizing Forceps



Brand
210-663-250
Tendon Seizing Forceps
curved
250mm, 10"



Tendon Seizing Forceps
210mm, 8¹/₄"



210-668-210
straight



210-669-210
curved



Kleinert-Kutz
210-681-200
Tendon Seizing Forceps, 1x2 teeth,
flexible, 1x8mm serrated jaws
210mm, 8¹/₄"



1:1
Dietrich
210-617-045
Tendon Fixation Needle, 1.7mm
45mm, 1³/₄"



Bunnell
210-664-230
Probe, malleable
230mm, 9"



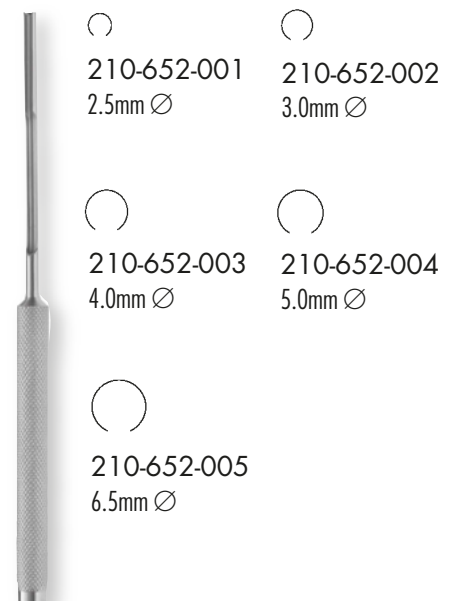
210-175-335
Tendon Tunnel Instrument
with obturating Screw
335mm, 13¹/₃"



210-662-290
Tendon Stripper
285mm, 11¹/₄"



Fischer
210-855-310
Tendon Stripper, blunt
Ferozell Handle
310mm, 12¹/₄"



Bunnell
Tendon Stripper
150mm, 6"

3mm inner Ø with slot

210-663-280	210-663-281	285mm, 11"
210-663-350	210-663-351	350mm, 13 ³ / ₄ "
210-663-600	210-663-601	600mm, 24"

4mm inner Ø with slot

210-664-280	210-664-281	285mm, 11 ¹ / ₄ "
210-664-350	210-664-351	350mm, 13 ³ / ₄ "
210-664-600	210-664-601	600mm, 24"

5mm inner Ø with slot

210-665-285	210-665-281	285mm, 11 ¹ / ₄ "
210-665-350	210-665-351	350mm, 13 ³ / ₄ "
210-665-500	210-665-501	500mm, 20"
210-665-600	210-665-601	600mm, 24"

6mm inner Ø with slot

210-666-280	210-666-281	285mm, 11 ¹ / ₄ "
210-666-350	210-666-351	350mm, 13 ³ / ₄ "
210-666-600	210-666-601	600mm, 24"



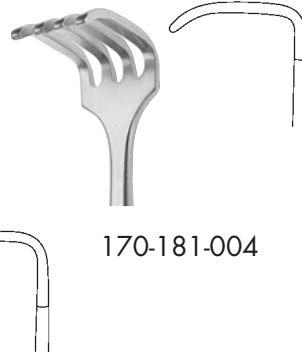
Tendon Stripper
with Ferrozell Handle



Paul
170-177-125
Tendon Retractor,
blunt, 3 prongs
125mm, 4^{3/4}"



Klapp
Tendon Retractor, blunt
175mm, 7"



170-181-004



170-181-003

170-181-002



Strandell-Stille
Tendon Retractor
15x6mm
190mm, 7^{1/2}"

Tendon

170-237-001
blunt

170-237-002
toothed



Stevens
Tenotomy Scissors



Sharp, straight

120-090-105	105mm, 4 ^{1/8} "
120-090-115	115mm, 4 ^{1/2} "



Sharp, curved

120-091-105	105mm, 4 ^{1/8} "
120-091-115	115mm, 4 ^{1/2} "



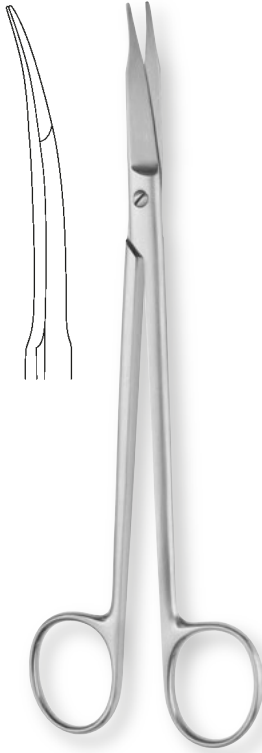
Blunt, straight

120-092-105	105mm, 4 ^{1/8} "
120-092-115	115mm, 4 ^{1/2} "



Blunt, curved

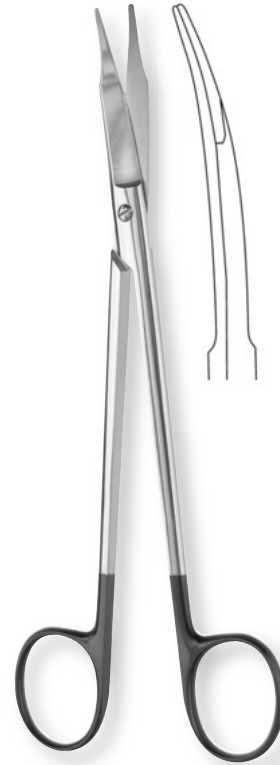
120-093-105	105mm, 4 ^{1/8} "
120-093-115	115mm, 4 ^{1/2} "



Martin
120-206-200
Cartilage Scissors
curved
200mm, 8"



Resano
120-241-250
Capsule Scissors, angled
sharp/blunt
250mm, 9 1/2"



Martin
121-206-200
SC Cartilage Scissors
200mm, 8"



Martin
210-652-190
Cartilage Holding Forceps
190mm, 7½"



Bircher-Ganske
Cartilage Holding Forceps
200mm, 8"



210-620-200
straight



210-621-200
curved upwards



Bircher-Ganske
210-623-200
Cartilage Holding Forceps
laterally curved
200mm, 8"



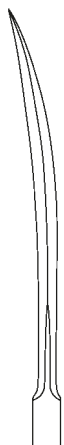
Dingmann
210-625-190
Cartilage Holding Forceps,
delicate pattern, 2x2 teeth
190mm, 7 1/2"



Walton
210-626-185
Cartilage Forceps,
slightly curved, with pins
185mm, 7 1/2"



Downing
210-632-255
Cartilage Knife
255mm, 10"



210-641-180
slightly curved



210-640-180
straight

Meniscotome,
double edge,
180mm, 7"



Bircher
210-613-190
Meniscotome, curved
190mm, 7¹/₂"



210-645-220
curved right



210-643-220
curved left

Neff
Meniscotome
220mm, 8³/₄"



Salenius
Meniscotome
220mm, 8^{3/4}"

210-650-220
left side



210-651-220
right side



Smillie
210-630-170
Meniscotome, straight
170mm, 6^{3/4}"



Smillie
Meniscotome with guards
170mm, 6^{3/4}"



210-631-170
left



210-633-170
right



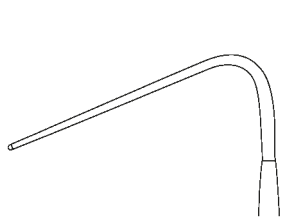
Lowe-Breck
210-637-250
Meniscotome
250mm, 10"



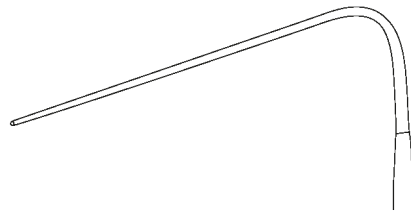
Preston
 210-660-190
 Meniscus Ligament Flavum Forceps,
 serrated jaws, 1x2 teeth
 190mm, 7¹/₄"



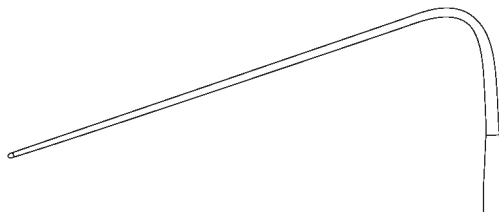
Bircher
 210-624-200
 Meniscus Grasping Forceps
 200mm, 7³/₄"



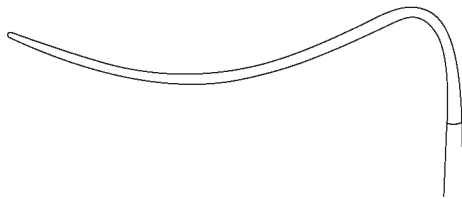
210-628-001
32x19mm



210-628-002
45x19mm



210-628-003
60x19mm

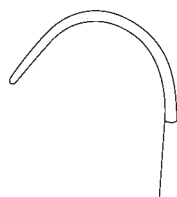


210-628-004
52x13mm



210-560-001
illustrated

Smillie
Knee Wound Retractor
140mm, 5¹/₂"



210-560-005
21x13mm



Smillie
210-560-006
Retractor, wide curved,
13x25mm, 140mm, 5¹/₂"

[illegible]



SECTION

E

BONE
CURETTES



◦ 400-402-005 Ø 0.5 mm Size 000	◦ 400-402-010 Ø 1.0 mm Size 00	◦ 400-402-015 Ø 1.5 mm Size 0
○ 400-402-018 Ø 1.8 mm Size 1	○ 400-402-020 Ø 2.0 mm Size 2	○ 400-402-025 Ø 2.5 mm Size 3
○ 400-402-035 Ø 3.5 mm Size 4	○ 400-402-040 Ø 4.0 mm Size 5	○ 400-402-045 Ø 4.5 mm Size 6

Meyerhoefer
Chalazion Curette,
130mm, 5^{1/8}"



210-218-140
#00/0



210-219-140
#0/1



210-218-012
#0/2



210-216-000
#00/0



210-216-001
#0/1



210-216-002
#1/2

Williger
Double Curette
oval/oval
140mm, 5¹/₂"



Jacobson
210-213-140
Double Curette
140mm, 5¹/₂"



4mm



3mm

Jansen
210-218-160
Double Curette
160mm, 6¹/₄"



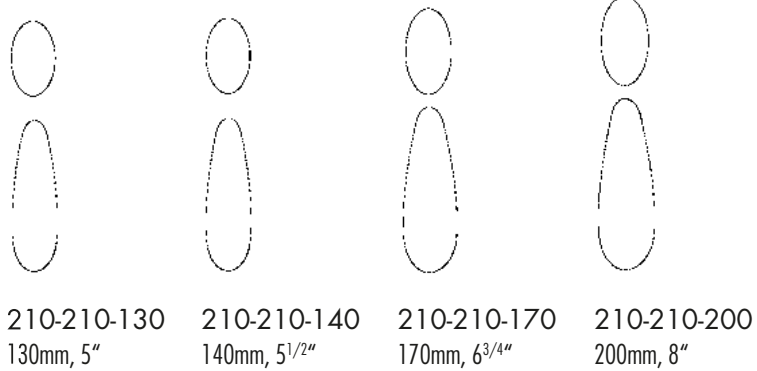
6mm

7mm

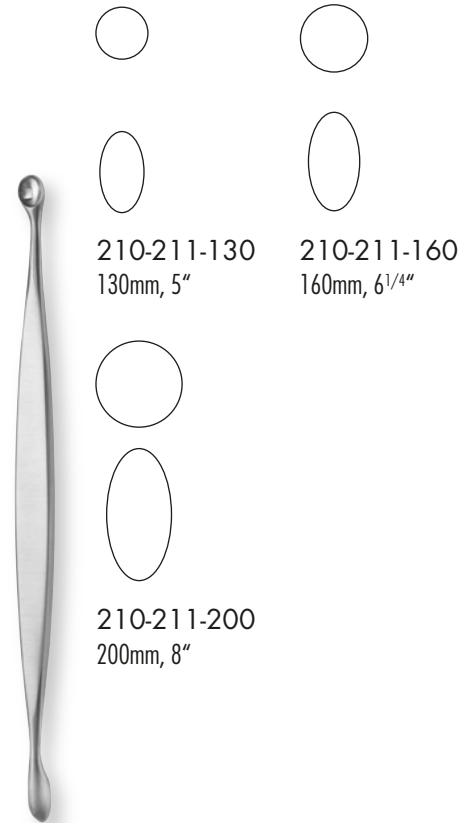
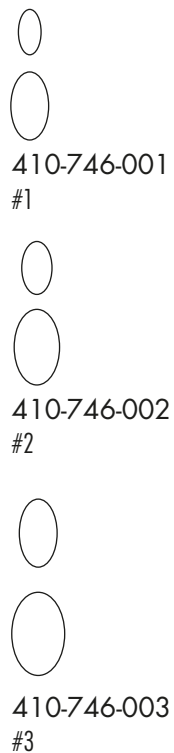
Jansen
210-214-210
Double Curette
210mm, 8¹/₄"



Volkman
Double Curette



Volkman
Double Curette
220mm, 8³/₄"



Volkman
Double Curette



Mod. USA
Bone Curette
160mm, 6¹/₄"

- | | | |
|-------------------------|-------------------------|-------------------------|
| ○ 2.0 mm
210-344-001 | ○ 2.5 mm
210-344-002 | ○ 3.0 mm
210-344-003 |
| ○ 3.5 mm
210-344-004 | ○ 4.5 mm
210-344-005 | ○ 5.0 mm
210-344-006 |



Mod. USA
Bone Curette
160mm, 6¹/₄"

- | | | |
|---|---|---|
| ○ 2.0 mm
Right angled
210-345-001 | ○ 2.5 mm
Right angled
210-345-002 | ○ 3.0 mm
Right angled
210-345-003 |
| Left angled
210-347-001 | Left angled
210-347-002 | Left angled
210-347-003 |
| ○ 3.5 mm
Right angled
210-345-004 | ○ 4.5 mm
Right angled
210-345-005 | ○ 5.0 mm
Right angled
210-345-006 |
| Left angled
210-347-004 | Left angled
210-347-005 | Left angled
210-347-006 |



210-216-020
#00/00



210-216-021
#0/0



210-216-022
#1/1

Williger
Double Curette
140mm, 5^{1/2} "



4.0mm



3.0mm

Jansen
210-216-150
Double Curette
150mm, 6"



210-215-004
#4

Hemingway
Double Curette
180mm, 7"



Siebenmann
210-229-160
Bone Curette 90° angled right
160mm, 6¹/₄"



Siebenmann
210-228-160
Bone Curette 90° angled left
160mm, 6¹/₄"



Uffendorde
210-345-007
Bone Curette, 45° angled right
170mm, 6³/₄"



Uffendorde
210-347-007
Bone Curette, 45° angled left
170mm, 6³/₄"



○
210-201-145
Fig. 1



○
210-202-145
Fig. 2



○
210-203-145
Fig. 3



○
210-204-145
Fig. 4



○
210-205-145
Fig. 5

Buck
Bone Curette
145mm, 5³/₄"



Williger
Bone Curette, round
170mm, 6^{3/4}"

○ 3.0 mm
210-213-175
Fig. 00

○ 5.0 mm
210-215-175
Fig. 1

○ 4.0 mm
210-214-175
Fig. 0

○ 6.0 mm
210-216-175
Fig. 2



Williger
Bone Curette, oval
170mm, 6^{3/4}"

○ 2.5 mm
210-294-010
Fig. 00

○ 4.0 mm
210-294-040
Fig. 1

○ 3.2 mm
210-294-020
Fig. 0

○ 5.7 mm
210-294-050
Fig. 2



Volkman
Bone Curette
170mm, 6^{3/4}"



210-304-400
#0000



210-304-300
#000



210-304-200
#00



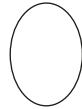
210-304-100
#0



210-304-010
#1



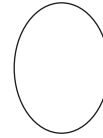
210-304-020
#2



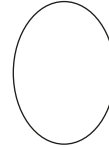
210-304-030
#3



210-304-040
#4



210-304-050
#5



210-304-060
#6



Schede
Bone Curette
170mm, 6^{3/4}"



210-300-300
#000



210-300-200
#00



210-300-100
#0



210-300-010
#1



210-300-020
#2



210-300-030
#3



210-300-040
#4



○
210-306-400
#0000

○
210-306-300
#000

○
210-306-200
#00

○
210-306-100
#0

○
210-306-010
#1

○
210-306-020
#2

○
210-306-030
#3

○
210-306-040
#4

○
210-306-050
#5

○
210-306-060
#6

Bruns
Bone Curette, round
170mm, 6^{3/4}"



○
210-308-008
#0000

○
210-308-000
#000

○
210-308-001
#00

○
210-308-002
#0

○
210-308-003
#1

○
210-308-004
#2

○
210-308-005
#3

○
210-308-006
#4

○
210-308-007
#5

○
210-308-009
#6

Spratt
Bone Curette, oval
170mm, 6^{3/4}"



○
210-248-002
Ø 2mm
170mm, 6³/₄"

○
210-248-003
Ø 3mm
170mm, 6³/₄"

○
210-248-004
Ø 4mm
170mm, 6³/₄"

○
210-248-005
Ø 5mm
195mm, 7³/₄"

○
210-248-006
Ø 6mm
195mm, 7³/₄"

○
210-248-007
Ø 7mm
195mm, 7³/₄"

○
210-248-008
Ø 8mm
200mm, 8"

○
210-248-010
Ø 10mm
205mm, 8¹/₄"

○
210-248-012
Ø 12mm
205mm, 8¹/₄"

○
210-248-014
Ø 14mm
205mm, 8¹/₄"

Stille
Bone Curette, round



○
210-249-002
2mm
170mm, 6³/₄"

○
210-249-003
3mm
170mm, 6³/₄"

○
210-249-004
4mm
170mm, 6³/₄"

○
210-249-005
5mm
195mm, 7³/₄"

○
210-249-006
6mm
195mm, 7³/₄"

○
210-249-007
7mm
195mm, 7³/₄"

○
210-249-008
8mm
200mm, 8"

○
210-249-010
10mm
210mm, 8¹/₃"

○
210-249-012
Ø 12mm
215mm, 8¹/₂"

○
210-249-014
14mm
220mm, 8³/₄"

Stille
Bone Curette, oval



Halle
Bone Curette, malleable
210mm, 8¹/₄"



210-350-200
#1
4.8mm



210-350-100
#2
5.8mm



210-350-010
#3
6.8mm



Lempert
Bone Curette
200mm, 8"



210-348-600
#000000
1mm



210-348-500
#00000
1.5mm



210-348-400
#0000
2.0mm



210-348-300
#000
2.2mm



210-348-200
#00
2.5mm



210-348-100
#0
2.7mm



210-348-010
#1
3.0mm



210-348-002
#2
3.3mm



Bruns
Bone Curette with
with Ferrozell Handle
170mm, 6³/₄"



210-302-100
#000000
2.5mm



210-302-101
#000
3.0mm



210-302-102
#00
3.7mm



210-302-103
#0
4.7mm



210-302-104
#1
5.7mm



210-302-105
#2
6.0mm



210-302-106
#3
7.4mm



210-302-109
#6
10.3mm



210-217-200
Fig. 00



210-217-100
Fig. 0



210-217-010
Fig. 1



210-217-020
Fig. 2

Daubenspeck
Bone Curette
200mm, 8 inch



210-302-107
#4
8.8mm



210-302-108
#5
9.2mm



straight



210-299-300	fig.000
210-299-200	fig.00
210-299-100	fig.0
210-299-001	fig.1
210-299-002	fig.2
210-299-003	fig.3
210-299-004	fig.4
210-299-005	fig.5
210-299-006	fig.6



curved



210-299-030	fig.000
210-299-020	fig.00
210-299-010	fig.0
210-299-040	fig.1
210-299-050	fig.2
210-299-060	fig.3
210-299-070	fig.4
210-299-080	fig.5
210-299-090	fig.6

SPINAL
Bone Curette
200mm, 8"

0

#000

0

#00

0

#0

0

#1

0

#2

0

#3

0

#4

0

#5

0

#6



Volkmann-Bruns
Bone Curette
230mm, 9"



straight jaw



210-314-400
#0000
3.0mm



210-314-300
#000
3.3mm



210-314-200
#00
3.9mm



210-314-100
#0
4.7mm



210-314-001
#1
5.3mm



210-314-002
#2
6.0mm



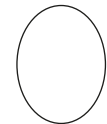
210-314-003
#3
6.8mm



210-314-004
#4
8.3mm



210-314-005
#5
9.8mm



210-314-006
#6
11.7mm



angled jaw



210-315-400
#0000
3.0mm



210-315-300
#000
3.3mm



210-315-200
#00
3.9mm



210-315-100
#0
4.7mm



210-315-001
#1
5.3mm



210-315-002
#2
6.0mm



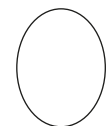
210-315-003
#3
6.8mm



210-315-004
#4
8.3mm



210-315-005
#5
9.8mm



210-315-006
#6
11.7mm



Bruns
Bone Curette
230mm, 9"



210-296-400
#0000



210-296-300
#000



210-296-200
#00



210-296-100
#0



210-296-001
#1



210-296-002
#2



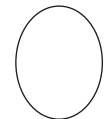
210-296-003
#3



210-296-004
#4



210-296-005
#5



210-296-006
#6



Bruns
Bone Curette
with Ferrozell Handle
270mm, 10^{3/4}"



210-302-000
#0000



210-302-001
#000



210-302-002
#00



210-302-003
#0



210-302-004
#1



210-302-005
#2



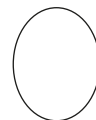
210-302-006
#3



210-302-007
#4



210-302-008
#5



210-302-009
#6



Volkman
Bone Curette,
250mm, 10"



straight jaw



210-215-250
#0000



210-214-250
#000



210-213-250
#00



210-212-250
#0



210-211-250
#1



210-202-250
#2



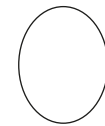
210-203-250
#3



210-204-250
#4



210-205-250
#5



210-206-250
#6



angled jaw



210-315-250
#0000



210-314-250
#000



210-313-250
#00



210-312-250
#0



210-311-250
#1



210-302-250
#2



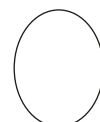
210-303-250
#3



210-304-250
#4



210-305-250
#5



210-306-250
#6



Caspar
Bone Curette, straight,
with Synthetic Handle
220mm, 8³/₄"

○
259-185-912
#000
3.6mm

○
259-185-914
#0
5.2mm

○
259-185-913
#00
4.4mm

○
210-298-001
#1
2.3mm

○
210-298-002
#2
2.6mm

○
210-298-003
#3
3.4mm

○
210-298-004
#4
4.0mm

○
210-298-005
#5
4.5mm

○
210-298-006
#6
5.5mm



Simon
Bone Curette
240mm, 9¹/₂"



Caspar
Bone Curette, angled,
with Synthetic Handle
220mm, 8³/₄"

○
259-185-921
#000
3.6mm

○
259-185-919
#0
5.2mm

○
259-185-922
#00
4.4mm

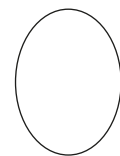
○
350-610-001
#1
7.0mm

○
350-610-002
#2
8.5mm

○
350-610-003
#3
9.5mm

○
350-610-004
#4
11.5mm

○
350-610-005
#5
13mm



Simon
Bone Curette
240mm, 9¹/₂"



Epstein
Bone Curette,
with hollow Handle
200mm, 8"

○
210-309-003
#000
2.5

○
210-309-002
#00
2.7mm

○
210-309-001
#0
3.3mm



Scoville
Bone Curette, 4.8mm
with hollow Handle
250mm, 10"

○
210-316-250
Straight

○
210-318-250
Forward angled

○
210-317-250
Backward angled



Bushe
Bone Curette,
upwards cutting
250mm, 10"

○
210-338-250
3mm

○
210-339-250
4mm

○
210-340-250
5mm

○
210-341-250
6mm



Semmes
Spinal Curette, 4x7mm
230mm, 9"



210-294-001
straight



210-294-002
slightly curved



210-294-003
fully curved



straight, massive aluminium Handle

210-320-010	2.0 mm	Fig. 0000
210-320-011	2.5 mm	Fig. 000
210-320-012	3.0 mm	Fig. 00
210-320-013	3.5 mm	Fig. 0
210-320-014	4.0 mm	Fig. 1
210-320-015	4.5 mm	Fig. 2
210-320-016	5.0 mm	Fig. 3
210-320-017	5.5 mm	Fig. 4
210-320-018	6.5 mm	Fig. 5
210-320-019	8.0 mm	Fig. 6



straight, hollow, stainless Handle

210-320-110	2.0 mm	Fig. 0000
210-320-111	2.5 mm	Fig. 000
210-320-112	3.0 mm	Fig. 00
210-320-113	3.5 mm	Fig. 0
210-320-114	4.0 mm	Fig. 1
210-320-115	4.5 mm	Fig. 2
210-320-116	5.0 mm	Fig. 3
210-320-117	5.5 mm	Fig. 4
210-320-118	6.5 mm	Fig. 5
210-320-119	8.0 mm	Fig. 6



curved, massive aluminium Handle

210-321-010	2.0 mm	Fig. 0000
210-321-011	2.5 mm	Fig. 000
210-321-012	3.0 mm	Fig. 00
210-321-013	3.5 mm	Fig. 0
210-321-014	4.0 mm	Fig. 1
210-321-015	4.5 mm	Fig. 2
210-321-016	5.0 mm	Fig. 3
210-321-017	5.5 mm	Fig. 4
210-321-018	6.5 mm	Fig. 5
210-321-019	8.0 mm	Fig. 6



curved, hollow, stainless Handle

210-321-110	2.0 mm	Fig. 0000
210-321-111	2.5 mm	Fig. 000
210-321-112	3.0 mm	Fig. 00
210-321-113	3.5 mm	Fig. 0
210-321-114	4.0 mm	Fig. 1
210-321-115	4.5 mm	Fig. 2
210-321-116	5.0 mm	Fig. 3
210-321-117	5.5 mm	Fig. 4
210-321-118	6.5 mm	Fig. 5
210-321-119	8.0 mm	Fig. 6



Spinal
Bone Curette, oval
with knurled Handle
280mm, 11"



Kraemer
Ring Curette
sharpened double-sided
250mm, 10"

210-321-004	4mm
210-321-005	5mm
210-321-006	6mm



Cone
Ring Curette
230mm, 9 inch"



straight

○
210-320-003
Fig. 3
Ø 3.0 mm

○
210-320-002
Fig. 2
Ø 6.0 mm

○
210-320-001
Fig. 1
Ø 8.0 mm



angled

○
210-319-003
Fig. 3
Ø 3.0 mm

○
210-319-002
Fig. 2
Ø 6.0 mm

○
210-319-001
Fig. 1
Ø 8.0 mm



Caspar
Bone Scoop, curved, toothed,
with Synthetic Handle
220mm, 8³/₄"



259-185-915
4.0 mm



259-185-916
5.0 mm



259-185-910
6.0 mm



Zielke
Intervertebral Curette,
with Ferrozell Handle

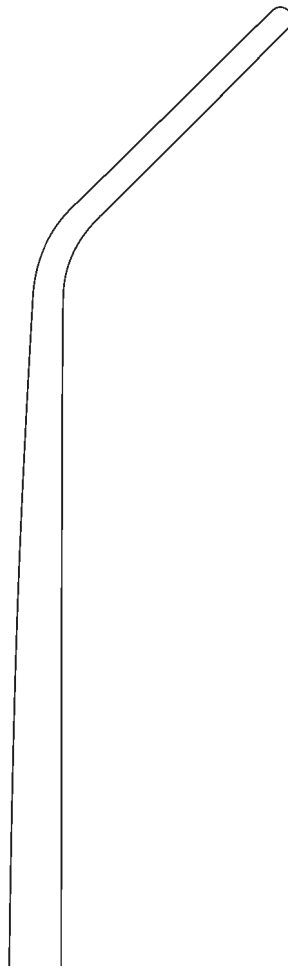


Straight
210mm, 8^{1/3}"

210-505-001	small
259-505-002	large

Straight
350mm, 13^{3/4}"

259-505-005	small
259-505-008	large

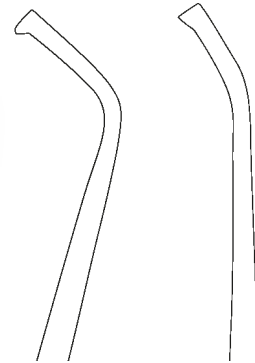


Angled
250mm, 10"

259-505-003	small
259-505-004	large



Caspar
Curette
250mm, 10 inch



210-340-003
270mm, 10^{3/4} inch
3.0 mm



210-342-004
250mm, 10 inch
4.0 mm



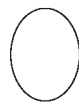
210-340-004
270mm, 10^{3/4} inch
4.0 mm



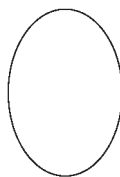
210-342-005
250mm, 10 inch
5.0 mm



Bone Curette
with Ferrozell Handle
270mm, 10³/₄"



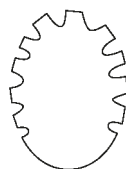
210-163-009
9mm



210-163-015
15mm



210-164-009
9mm



210-164-015
15mm



210-164-109
Sharp Spoon, with teeth,
double angled, 9mm,
with Ferrozell Handle
270mm, 10³/₄"



small

medium

large

210-184-503
Bone Curette
with Ferrozell Handle
240mm, 9¹/₂"

210-184-504
Bone Curette
with Ferrozell Handle
240mm, 10³/₄"

210-184-505
Bone Curette
with Ferrozell Handle
320mm, 12³/₄"

210-151-310
Luxation Lever, 25mm wide
with Ferrozell Handle
310mm, 12¹/₄"



Bone Curette
with Ferrozell Handle

190mm, 7¹/₂"

210-166-030	Fig. 0000
210-166-020	Fig. 000
210-166-010	Fig. 00
210-166-000	Fig. 0
210-166-001	Fig. 1
210-166-002	Fig. 2
210-166-003	Fig. 3
210-166-004	Fig. 4
210-166-005	Fig. 5
210-166-006	Fig. 6

260mm, 10¹/₃"

210-167-030	Fig. 0000
210-167-020	Fig. 000
210-167-010	Fig. 00
210-167-000	Fig. 0
210-167-001	Fig. 1
210-167-002	Fig. 2
210-167-003	Fig. 3
210-167-004	Fig. 4
210-167-005	Fig. 5
210-167-006	Fig. 6

310mm, 12¹/₃"

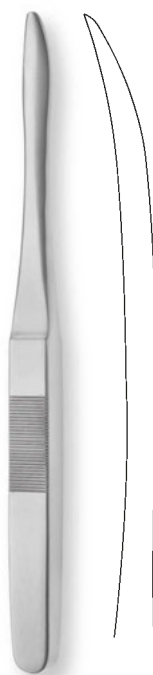
210-168-030	Fig. 0000
210-168-020	Fig. 000
210-168-010	Fig. 00
210-168-000	Fig. 0
210-168-001	Fig. 1
210-168-002	Fig. 2
210-168-003	Fig. 3
210-168-004	Fig. 4
210-168-005	Fig. 5
210-168-006	Fig. 6



SECTION

F

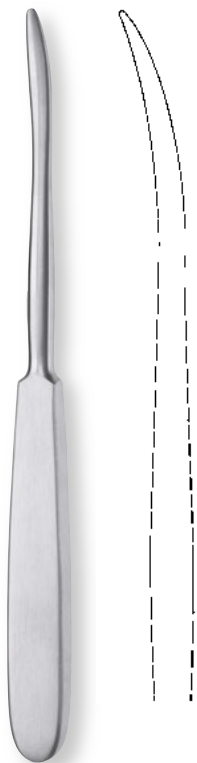
ELEVATORS
RASPATORIES



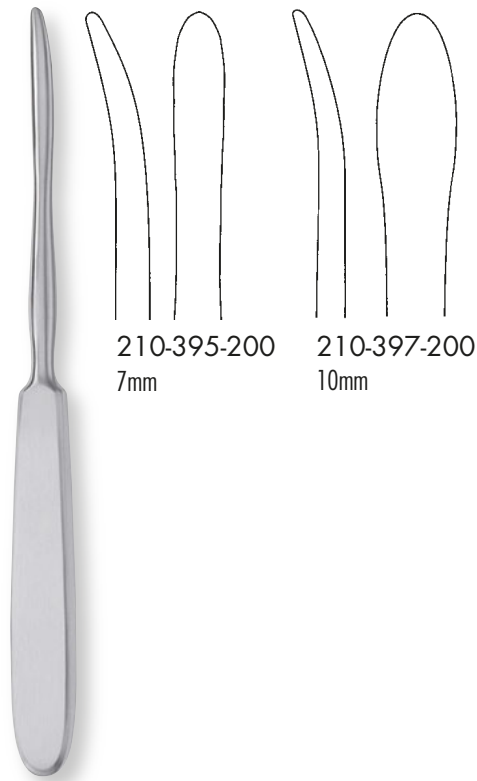
Cairns
250-066-141
 Cairns Bone Flap Elevator
 175mm, 6³/₄"



Sebileau
210-395-175
Elevator, 5mm wide
175mm, 7"



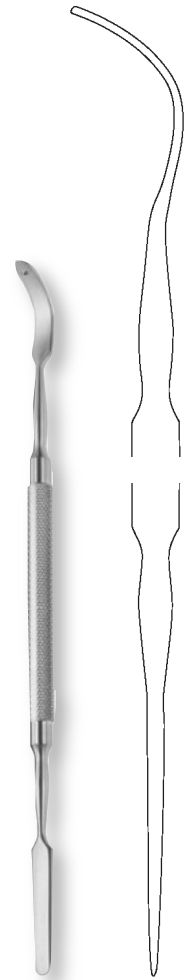
Quervain
210-386-200
Elevator, 6mm wide
200mm, 8"



Langenbeck
Elevator
200mm, 8"

210-395-200
7mm

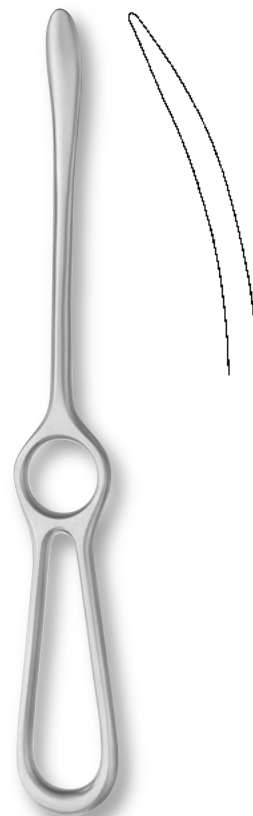
210-397-200
10mm



McDonald
210-527-190
Elevator double ended
190mm, 7^{1/2}"



Cohen
Elevator, double-ended
210-528-240
240mm, 9 1/2"



Langenbeck
210-398-230
Elevator, 11mm wide, curved
230mm, 9"



250-064-347 3.2mm
250-064-348 4.6mm

Partsch
Raspatory
150mm, 6"



Partsch
250-064-349
Raspatory, 4mm
145mm, 5³/₄"



McKenty
420-547-004 4mm
420-547-005 5mm
Raspatory
150mm, 6"



Koenig
210-553-150
Raspatory, 5mm
150 mm, 6"



210-552-140 210-551-140

Raspatory, 4mm
140mm, 5¹/₂"



Williger
210-434-130
Raspatory, 4mm
130mm, 5¹/₈"

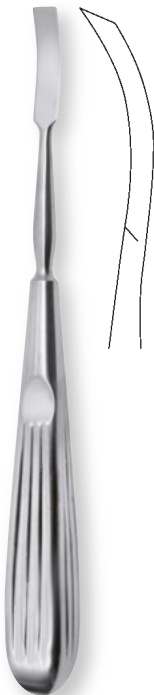


210-436-160 5mm
210-438-160 7mm

Williger
Raspatory
160mm, 6¹/₄"



Joseph
210-396-160
Raspatory, 4mm
160mm, 6¹/₄"



Lempert
210-397-185
Raspatory, 6mm
185mm, 7¹/₄"



Halle
420-544-165
Raspatory, 4mm
blunt
180mm, 7"



Freer
Raspatory, 4mm
190mm, 7¹/₂"



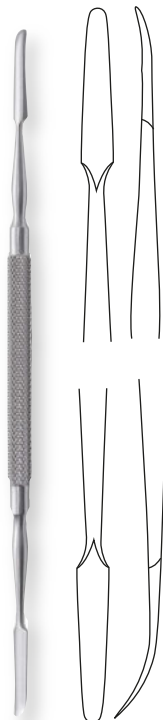
420-547-190
blunt



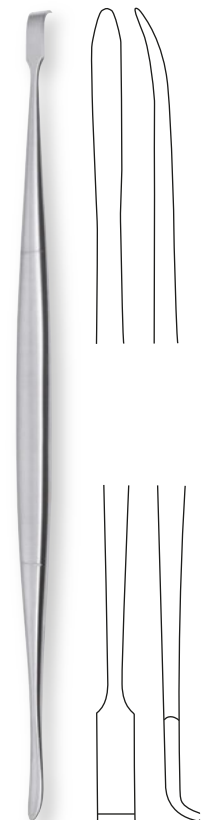
420-548-190
sharp



Sewall
420-549-200
Raspatory, 6mm
blunt
200mm, 8"



Killian
420-540-180
Raspatory, 6mm
sharp/blunt
180mm, 7"



Howarth
420-552-215
Elevator, double-ended
sharp/blunt
215mm, 8¹/₂"



Killian
420-541-180
Elevator, double-ended
sharp/blunt
185mm, 7¹/₄"



Freer
420-546-180
Elevator, double-ended
sharp/blunt
185mm, 7¹/₄"



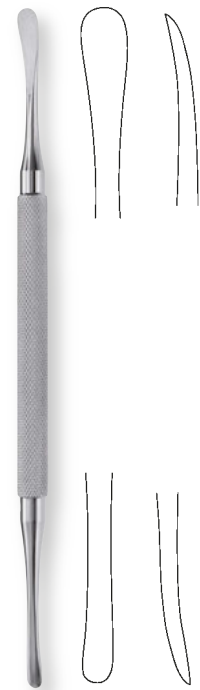
Cottle
420-550-230
Elevator, double-ended
graduated, sharp/sharp
200mm, 8"



Hill
420-554-220
Elevator, double-ended
blunt/sharp
220mm, 8³/₄"



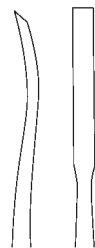
Mead
500-446-165
Elevator, double-ended
one side oblique
one rounded side
165mm, 6¹/₄"



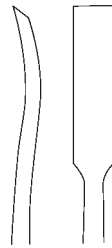
Molt
500-440-180
Elevator, double-ended
sharp/sharp
180mm, 7"



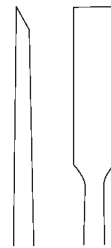
Mannerfelt
Raspatories
155mm, 6"



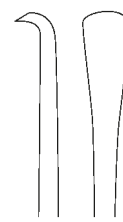
420-557-001
3mm



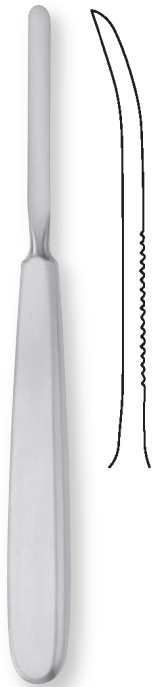
420-557-002
6mm



420-557-003
6mm



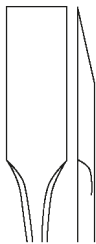
420-557-008
6mm



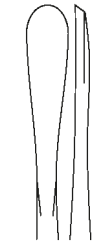
210-439-006 6mm
210-439-008 8mm
Raspatory
170mm, 6³/₄"



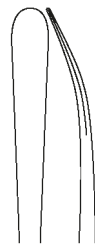
Adson
Raspatories
170mm, 6³/₄"



210-484-170
8mm, sharp



210-486-170
7mm, semi-sharp



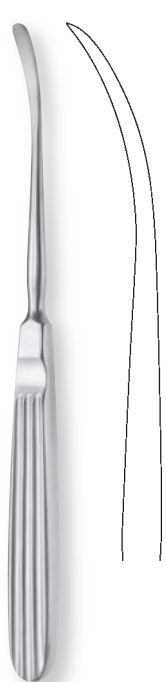
210-485-170
8mm, blunt, curved



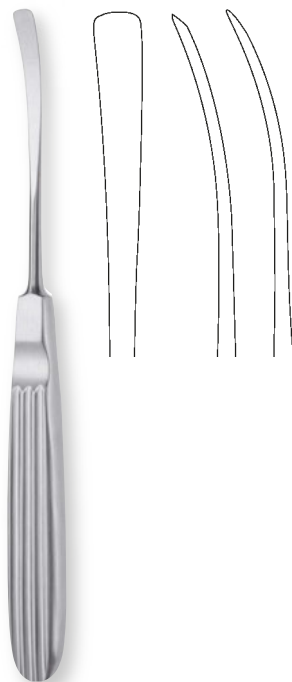
210-487-170
7mm, semi-sharp,
curved



Cottle
210-438-195
Raspatory, 8mm, sharp
190mm, 7¹/₂"



Landolt
210-439-175
Raspatory, 4.5mm
175mm, 7"



Caspar
259-185-328 sharp
259-185-329 blunt
Dissector, 6.2mm
180mm, 7"



Penfield
250-691-175
Dissector, Fig. 1
175mm, 7"



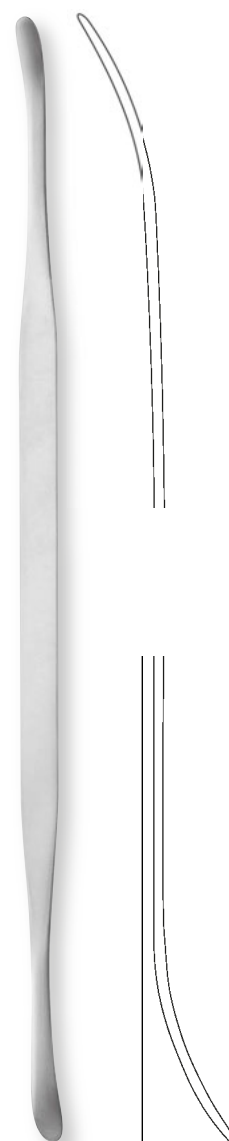
Penfield
250-692-195
Dissector, Fig. 2
195mm, 7 1/2"



Penfield
250-693-195
Dissector, Fig. 3
195mm, 7 1/2"



Penfield
250-694-215
Dissector, Fig. 4
205mm, 8"



Penfield
250-695-290
Dissector, Fig. 5
290mm, 11 1/2"



210-434-180
Raspatory, 6mm,
with Ferrozell Handle
190mm, 7¹/₂"



210-432-185
Raspatory, 3mm,
with Ferrozell Handle
185mm, 7¹/₄"



210-433-180
Raspatory, 6mm,
with Ferrozell Handle
185mm, 7¹/₄"



210-432-180
Raspatory, 6mm,
with Ferrozell Handle
185mm, 7¹/₄"



210-433-185
Raspatory, 13mm,
with Ferrozell Handle
185mm, 7¹/₄"



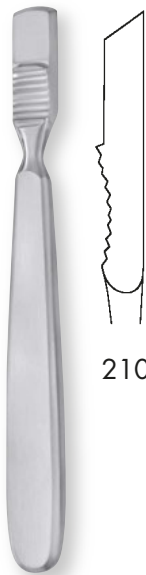
210-430-200
Raspatory, 14mm,
with Ferrozell Handle
200mm, 8"



210-431-200
Raspatory, 14mm,
with Ferrozell Handle
200mm, 8"



210-433-230
Raspatory, 13mm,
with Ferrozell Handle
230mm, 9"



210-310-150



210-311-150

Farabeuf
Raspatory, 12.5mm
150mm, 6"

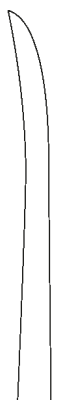


210-312-155



210-313-155

Farabeuf-Collin
Raspatory, 11mm
155mm, 6¹/₄"



Sedillot
210-316-190
Raspatory, 18mm,
with hollow handle
190mm, 7¹/₂"



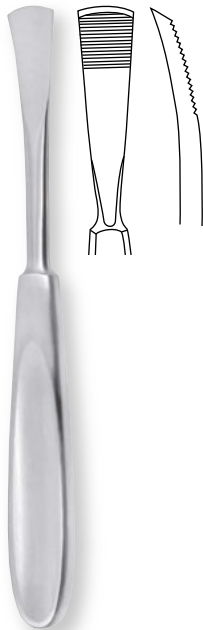
Kraemer
210-313-185
Raspatory, 10mm,
round blade
185mm, 7¹/₄"



Kraemer
210-314-185
Raspatory, 10mm,
straight blade
185mm, 7¹/₄"



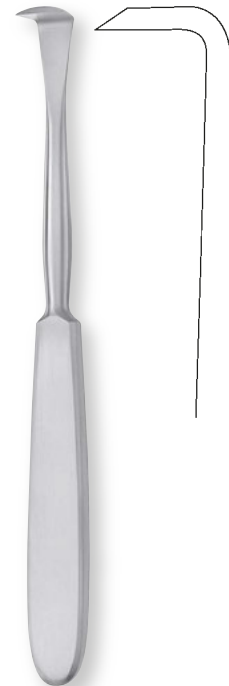
Pennybaker
210-488-170
Elevator, sharp, 6mm
150mm, 6"



Jansen
210-303-165
Periosteal Elevator
165mm, 6¹/₂"



Langenbeck
210-303-190
Raspatory, 16mm
with hollow handle
190mm, 7¹/₂"

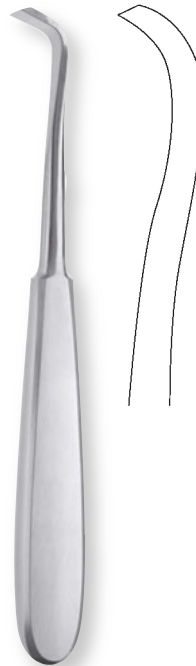


Langenbeck
210-301-180
Periosteal Elevator, 14mm
with hollow handle
180mm, 7"



Key
Elevator

210-489-006	6mm	180mm, 7"
210-489-010	10mm	190mm, 7 ¹ / ₂ "
210-489-012	12mm	190mm, 7 ¹ / ₂ "
210-489-013	13mm	190mm, 7 ¹ / ₂ "
210-489-016	16mm	190mm, 7 ¹ / ₂ "
210-489-019	19mm	200mm, 8"
210-489-025	25mm	210mm, 8 ¹ / ₃ "



Schneider
210-315-175
Raspatory, 13mm
175mm, 7"



Schneider-Sauerbruch
210-315-190
Raspatory, 13mm
190mm, 7¹/₂"



Sedillot
210-315-210
Periosteal Raspatory, 15mm
210mm, 8^{1/2}"



Lamotte
Raspatory
210mm, 8^{1/3}"

210-461-005	5mm
210-461-210	10mm
210-462-210	15mm
210-463-210	20mm
210-464-210	25mm



McGlamry
Raspatory
210mm, 8^{1/3}"

170-160-010	9mm
170-160-012	11mm
170-160-015	15mm
170-160-017	17mm



Crego
170-492-001
Elevator, 7mm
200mm, 8"



Alexander
210-440-200
Periosteotome, 12mm
210mm, 8^{1/3}"



Semb
Raspatory
with hollow handle



210-450-001
12mm
190mm, 7 1/2"



210-450-002
12mm
230mm, 9"



210-450-003
13mm
230mm, 9"



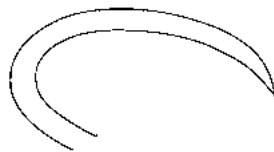
210-450-004
13mm
230mm, 9"



210-450-005
15mm
230mm, 9"



210-335-170
Children



210-331-170
Adults

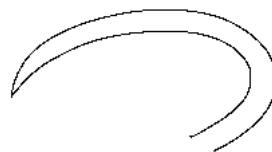
Doyen
Rib Raspatory
175mm, 7"



Doyen
210-338-240
Rib Raspatory
240mm, 9 1/2"



210-337-170
Children

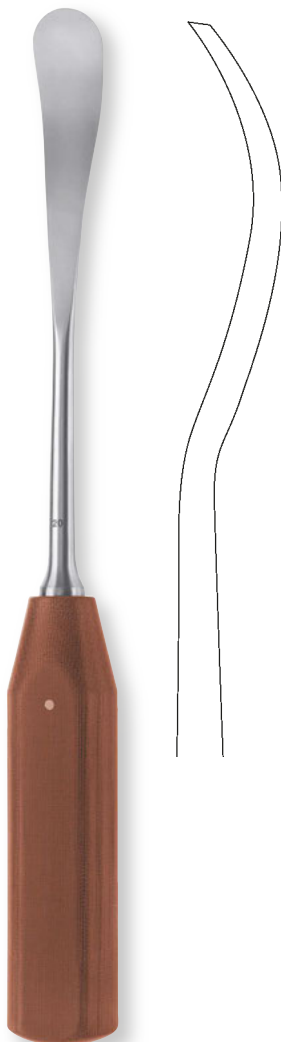


210-333-170
Adults

Doyen
Rib Raspatory
175mm, 7"



Doyen
210-339-240
Rib Raspatory
240mm, 9 1/2"



210-420-275
Hip Raspatory, 20mm,
with Ferrozell Handle
275mm, 10³/₄"



Wagner
Raspatory,
with Ferrozell Handle
330mm, 13"

210-428-330
8mm

210-417-330
17mm



Cobb
Spinal Elevator
290mm, 11^{1/2}"

290mm	
210-402-009	9mm
210-402-013	13mm
210-402-019	19mm
210-402-025	25mm
210-402-032	32mm

240mm	
210-400-001	9mm
210-400-002	13mm
210-400-003	19mm
210-400-004	25mm
210-400-005	32mm



Cobb
Elevator
240mm, 9^{1/2}"

210-401-095	9mm
210-401-127	13mm
210-401-019	19mm
210-401-025	25mm
210-401-032	32mm



Cobb
Elevator, semi-sharp,
slightly curved
with Ferrozell Handle
250mm, 10"

210-420-010	10mm
210-420-013	13mm
210-420-019	19mm
210-420-025	25mm



Cobb
Elevator
with Ferrozell Handle
340mm, 13^{3/8}"

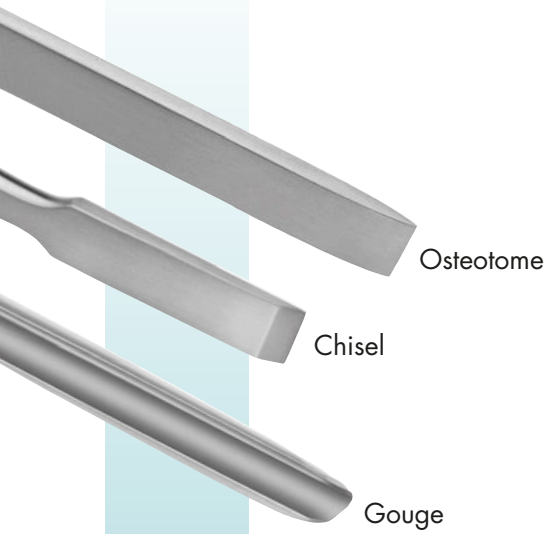
210-405-010	10mm
210-405-015	15mm
210-405-020	20mm
210-405-025	25mm
210-405-030	30mm
210-405-035	35mm



SECTION

G

CHISELS,
GOUGES AND
OSTEOTOMES



SHAPE



Freer
Septum Chisel, 4mm
160mm, 6¹/₄"



Freer
420-550-170
Septum Gouge, 6mm
150mm, 6"



Thies
Gouge
160mm, 6¹/₄"

210-100-162	2mm
210-100-163	3mm
210-100-164	4mm



Osteotome
140mm, 5¹/₂"

210-100-004	4mm
210-100-006	6mm
210-100-008	8mm
210-100-010	10mm
210-100-012	12mm



135mm, 5¹/₃"

210-302-135	2mm
210-303-135	3mm
210-305-135	5mm
210-306-135	6mm
210-307-135	7mm
210-308-135	8mm

Partsch
Chisel

170mm, 6³/₄"

210-302-170	2mm
210-303-170	3mm
210-305-170	5mm
210-306-170	6mm
210-307-170	7mm
210-308-170	8mm



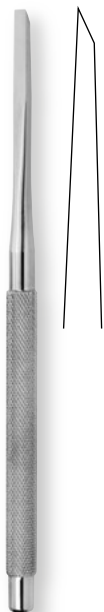
140mm, 5¹/₂"

210-109-002	2mm
210-109-003	3mm
210-109-004	4mm
210-109-005	5mm
210-109-006	6mm
210-109-007	7mm
210-109-008	8mm

Partsch
Gouge

170mm, 6³/₄"

210-110-002	2mm
210-110-003	3mm
210-110-004	4mm
210-110-005	5mm
210-110-006	6mm
210-110-007	7mm
210-110-008	8mm



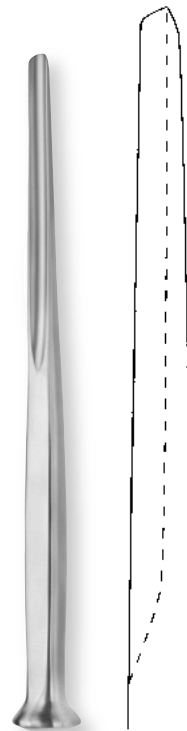
210-204-160 4mm
210-206-160 6mm

Lucas
Chisel
160mm, 6¹/₄"



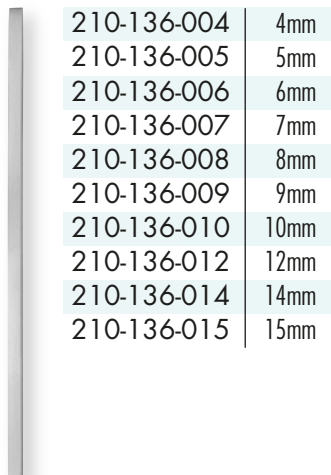
210-103-160 3mm
210-105-160 5mm

Lucas
Gouge
160mm, 6¹/₄"



Alexander
Gouge
180mm, 6³/₄"

210-604-180	4mm
210-606-180	6mm
210-608-180	8mm
210-610-180	10mm
210-612-180	12mm
210-614-180	14mm



210-136-004	4mm
210-136-005	5mm
210-136-006	6mm
210-136-007	7mm
210-136-008	8mm
210-136-009	9mm
210-136-010	10mm
210-136-012	12mm
210-136-014	14mm
210-136-015	15mm

Mini-Lambotte
Osteotome
125mm, 5"



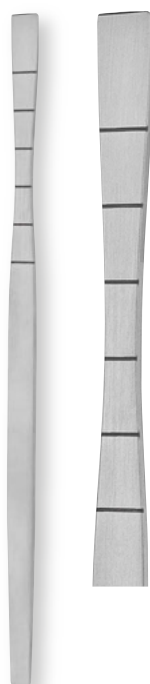
210-487-004	4mm
210-487-007	7mm
210-487-008	8mm
210-487-010	10mm
210-487-012	12mm

Cottle
Osteotome with
depth marking
180mm, 7¹/₈"



210-488-004	4mm
210-488-007	7mm
210-488-009	9mm
210-488-012	12mm

Cottle
Chisel with depth
marking
180mm, 7¹/₈"



Cottle
210-486-008
Fishtail Osteotome, 8mm wide,
with protected ends,
double guarded, 180mm, 7¹/₈"



Hardt-Delima
Osteotome, straight,

130mm, 5"

210-134-102	2mm
210-134-104	4mm
210-134-106	6mm
210-134-108	8mm
210-134-110	10mm
210-134-112	12mm
210-134-115	15mm

170mm, 6³/₄"

210-134-202	2mm
210-134-204	4mm
210-134-206	6mm
210-134-208	8mm
210-134-210	10mm
210-134-212	12mm
210-134-215	15mm



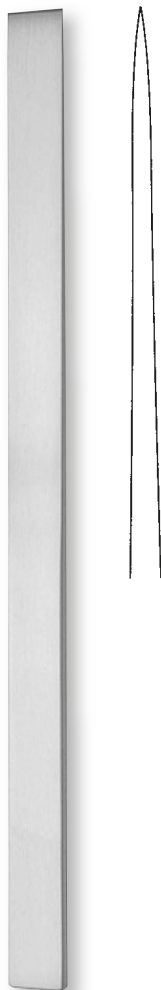
Carroll
Osteotome
145mm, 5³/₄"

210-226-003	3mm
210-226-006	6mm
210-226-010	10mm
210-226-013	13mm



Sheehan
Osteotome
160mm, 6¹/₃"

420-594-002	2mm
420-594-003	3mm
420-594-004	4mm
420-594-005	5mm
420-594-006	6mm
420-594-007	7mm
420-594-008	8mm
420-594-010	10mm
420-594-012	12mm
420-594-015	15mm



Lambotte
Osteotome, straight
240mm, 9¹/₂"

210-132-004	4mm
210-132-006	6mm
210-132-008	8mm
210-132-010	10mm
210-132-012	12mm
210-132-015	15mm
210-132-020	20mm
210-132-025	25mm
210-132-030	30mm
210-132-038	38mm
210-132-044	44mm
210-132-050	50mm



Lambotte
Osteotome, curved
240mm, 9¹/₂"

210-133-004	4mm
210-133-006	6mm
210-133-008	8mm
210-133-010	10mm
210-133-012	12mm
210-133-015	15mm
210-133-020	20mm
210-133-025	25mm
210-133-032	30mm
210-133-038	38mm
210-133-044	44mm
210-133-050	50mm



Obwegeser
431-656-235
Osteotome, curved, 13mm wide
235mm, 9¹/₄"

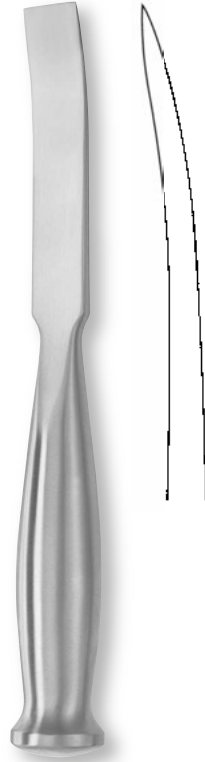


Niederdelmann
431-658-250 8mm
431-660-250 10mm
Osteotome, curved, 13mm wide
250mm, 10"



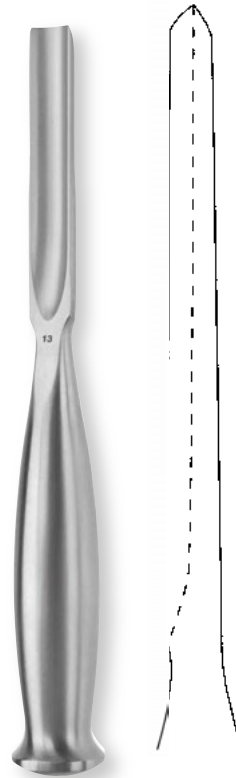
Smith-Petersen
Osteotome, straight
200mm, 8"

210-106-200	6mm
210-109-200	9mm
210-113-200	13mm
210-116-200	16mm
210-119-200	19mm
210-125-200	25mm
210-132-200	32mm



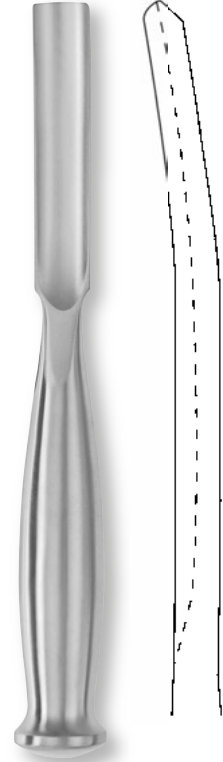
Smith-Petersen
Osteotome, curved
200mm, 8"

210-206-200	6mm
210-209-200	9mm
210-213-200	13mm
210-216-200	16mm
210-219-200	19mm
210-225-200	25mm
210-232-200	32mm



Smith-Petersen
Gouge, straight
200mm, 8"

210-305-200	6mm
210-309-200	9mm
210-313-200	13mm
210-316-200	16mm
210-319-200	19mm
210-325-200	25mm
210-332-200	32mm



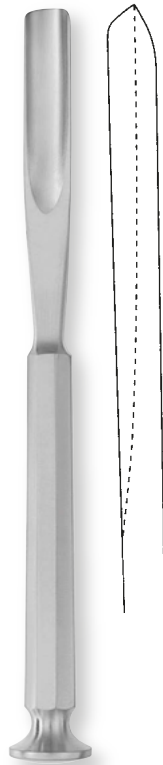
Smith-Petersen
Gouge, curved
200mm, 8"

210-406-200	6mm
210-409-200	9mm
210-413-200	13mm
210-416-200	16mm
210-419-200	19mm
210-425-200	25mm
210-432-200	32mm



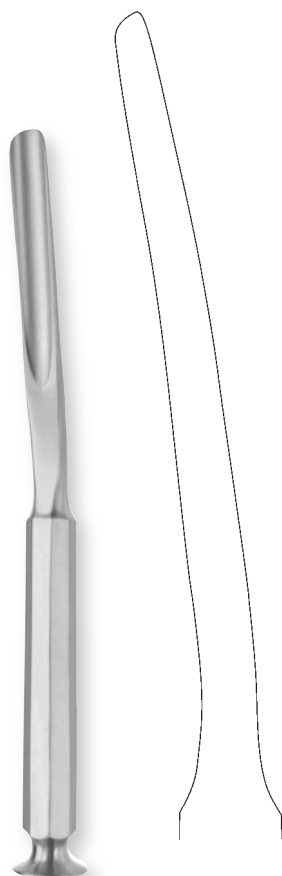
Stille
Chisel
200mm, 8"

210-810-200	10mm
210-812-200	12mm
210-815-200	15mm
210-820-200	20mm
210-825-200	25mm

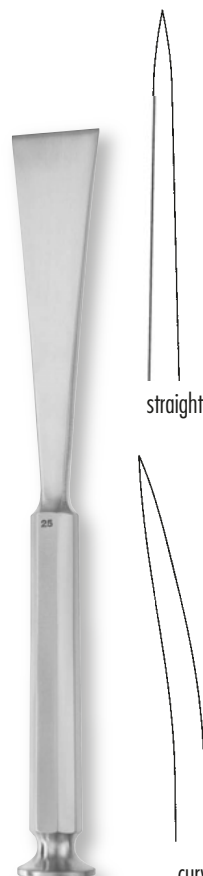


Stille
Gouge
200mm, 8"

210-508-200	8mm
210-510-200	10mm
210-512-200	12mm
210-515-200	15mm
210-520-200	20mm
210-525-200	25mm



Walter
210-701-010 10mm
210-701-015 15mm
Gouge for taking
grafts from the ribs
200mm, 8"



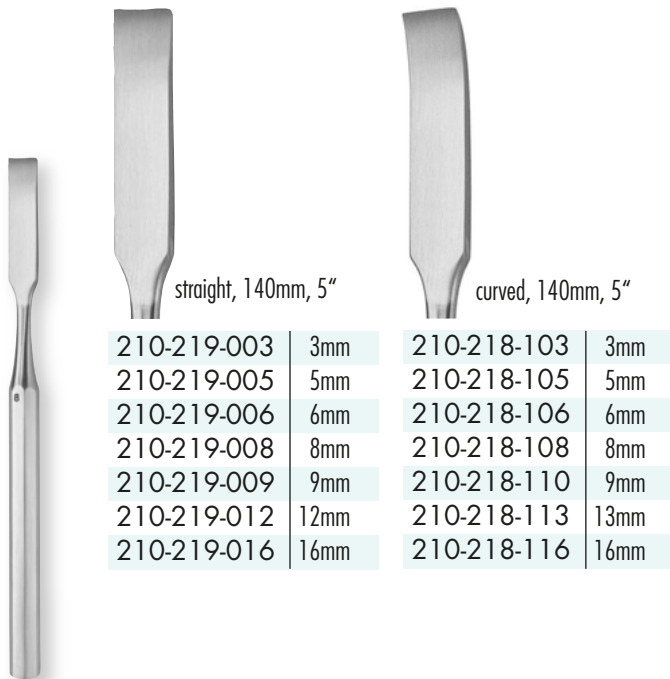
Stille
Osteotome
200mm, 8"

210-708-200	8mm
210-710-200	10mm
210-712-200	12mm
210-715-200	15mm
210-720-200	20mm
210-725-200	25mm

straight

210-908-200	8mm
210-910-200	10mm
210-912-200	12mm
210-915-200	15mm
210-920-200	20mm
210-925-200	25mm

curved



straight, 140mm, 5"

curved, 140mm, 5"

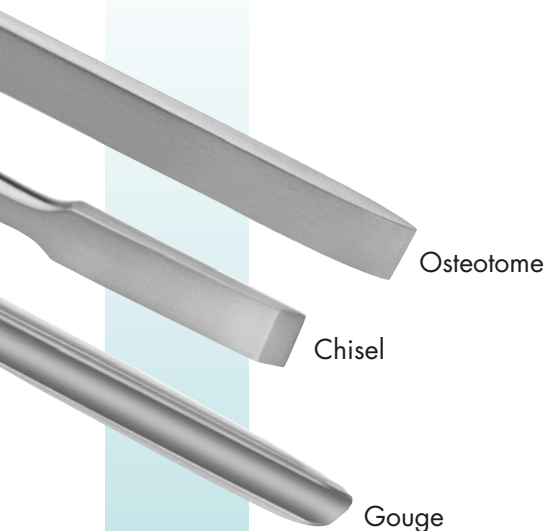
210-219-003	3mm	210-218-103	3mm
210-219-005	5mm	210-218-105	5mm
210-219-006	6mm	210-218-106	6mm
210-219-008	8mm	210-218-108	8mm
210-219-009	9mm	210-218-110	9mm
210-219-012	12mm	210-218-113	13mm
210-219-016	16mm	210-218-116	16mm

Hoke
Osteotome „Power Cut“



210-410-200	10mm
210-412-200	12mm
210-415-200	15mm
210-420-200	20mm

Stille
Osteotome, fine model
200mm, 8"



Osteotome

Chisel

Gouge

SHAPE



Osteotome

straight



curved

210-212-006	6mm	210-213-006	6mm
210-212-010	9mm	210-213-010	9mm
210-212-013	13mm	210-213-013	13mm
210-212-016	16mm	210-213-016	16mm
210-212-019	19mm	210-213-019	19mm
210-212-022	22mm	210-213-022	22mm
210-212-025	25mm	210-213-025	25mm
210-212-029	28mm	210-213-029	28mm
210-212-032	32mm	210-213-032	32mm
210-212-038	38mm	210-213-038	38mm



Hibbs
240mm, 9¹/₂"



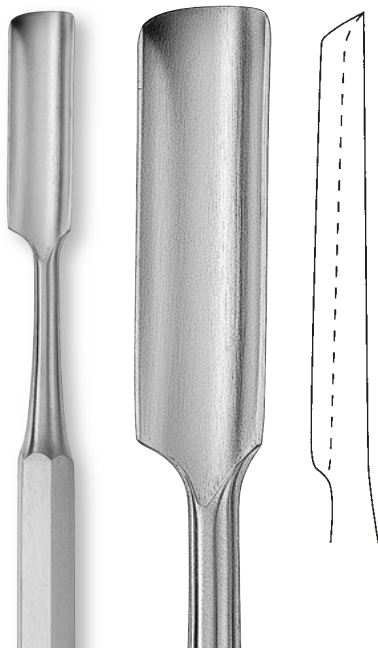
straight



curved

Chisel

210-206-006	6mm	210-207-006	6mm
210-206-010	9mm	210-207-010	9mm
210-206-013	13mm	210-207-013	13mm
210-206-016	16mm	210-207-016	16mm
210-206-019	19mm	210-207-019	19mm
210-206-022	22mm	210-207-022	22mm
210-206-025	25mm	210-207-025	25mm
210-206-029	28mm	210-207-029	28mm
210-206-032	32mm	210-207-032	32mm
210-206-038	38mm	210-207-038	38mm



210-144-060	6mm
210-144-090	9mm
210-144-130	13mm
210-144-150	16mm
210-144-190	19mm
210-144-220	22mm
210-144-250	25mm
210-144-280	28mm
210-144-320	32mm
210-144-380	38mm

Hibbs
Gouge
240mm, 9¹/₂"



210-145-060	6mm
210-145-090	9mm
210-145-130	13mm
210-145-150	16mm
210-145-190	19mm
210-145-220	22mm
210-145-250	25mm
210-145-280	28mm
210-145-320	32mm
210-145-380	38mm

Hibbs
Gouge
240mm, 9¹/₂"



210-130-000
Chisel Handle for
interchangeable blades
with Ferrozell Handle

210-130-001
Spare Screw



210-130-005
5mm, 85mm, 3¹/₄"



210-130-010
10mm, 85mm, 3¹/₄"



210-130-016
16mm, 85mm, 3¹/₄"



210-130-025
25mm, 85mm, 3¹/₄"

Chisel blades



210-130-105
5mm, 85mm, 3¹/₄"



210-130-110
10mm, 85mm, 3¹/₄"

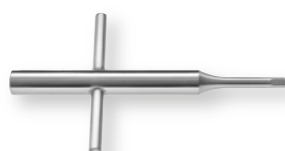


210-130-116
16mm, 85mm, 3¹/₄"



210-130-125
25mm, 85mm, 3¹/₄"

Osteotome blades



210-130-500
9cm, 3¹/₂"
Wrench



135mm, 5³/₈"



210-130-050
r=50mm



210-130-060
r=60mm

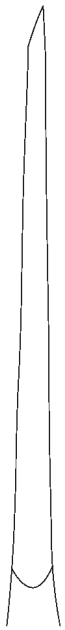


210-130-070
r=70mm

Gouge blades



Osteotome
with Ferrozell Handle
200mm, 8"



straight

210-435-010	10mm
210-435-015	15mm
210-435-020	20mm



curved

210-437-010	10mm
210-437-015	15mm
210-437-020	20 mm



Lexer-Mini
Osteotome
with Ferrozell Handle
180mm, 7"



210-137-004	4mm
210-137-006	6mm
210-137-008	8mm
210-137-010	10mm
210-137-012	12mm



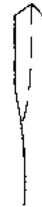
Lexer
Osteotome
with Ferrozell Handle
220mm, 8³/₄"



210-134-005	5mm
210-134-007	7mm
210-134-010	10mm
210-134-012	12mm
210-134-015	15mm
210-134-020	20mm
210-134-025	25mm
210-134-030	30mm



Lexer-Mini
Gouge
with Ferrozell Handle
180mm, 7"



210-138-002	2mm
210-138-004	4mm
210-138-006	6mm
210-138-008	8mm
210-138-010	10mm
210-138-012	12mm
210-138-015	15mm



Lexer
Gouge
with Ferrozell Handle
220mm, 8^{3/4}"

210-135-005	5mm
210-135-007	7mm
210-135-010	10mm
210-135-012	12mm
210-135-015	15mm
210-135-020	20mm
210-135-025	25mm
210-135-030	30mm



Zielke
210-500-006 6mm
210-500-009 9mm
Gouge
with Ferrozell Handle
230mm, 9"



210-153-010
Splitting-Gouge, 10mm
with Ferrozell Handle
220mm, 8^{3/4}"





210-146-240
Chisel, straight, 20mm
with Ferrozell Handle
245mm, 9³/₄"



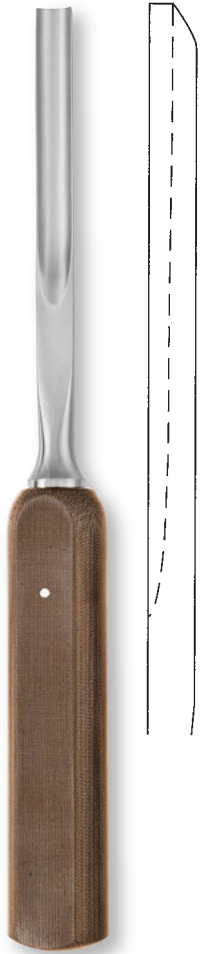
210-149-260
Chisel, curved 16mm
with Ferrozell Handle
265mm, 10¹/₂"



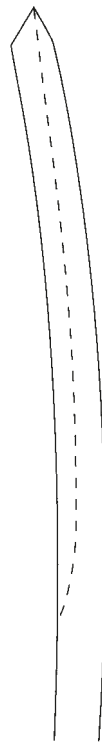
Lexer
210-251-010 10mm
210-251-015 15mm
Osteotome, angled,
with Ferrozell Handle
275mm, 10³/₄"



Lexer
210-252-010 10mm
210-252-015 15mm
Gouge, angled, with Ferrozell Handle
275mm, 10³/₄"

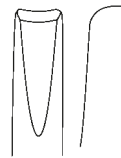


210-240-005	5mm
210-240-010	10mm
210-240-015	15mm



210-240-105	5mm
210-240-110	10mm
210-240-115	15mm

Lexer
Spongiosa Gouge
with Ferrozell Handle
250mm, 10"



210-235-006	6mm
210-235-008	8mm
210-235-010	10mm
210-235-011	11mm
210-235-013	13mm
210-235-016	16mm
210-235-019	19mm



Capener
Lamina Gouge
with Ferrozell Handle
240mm, 9 1/4"



Ferrozell Handle	210-405-195	210-405-295	210-405-395	210-405-495
Hexagon Handle	210-405-100	210-405-101	210-402-102	210-405-103
	straight	slightly curved	strongly curved	backwards curved



Cobb
Gouge, 4mm,
with Ferrozell Handle
280mm, 11"



Cobb
Gouge, 4mm,
with Hexagon Handle
240mm, 9 1/2"



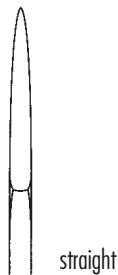
210-403-006	6mm
210-403-009	9mm
210-403-013	13mm
210-403-016	16mm
210-403-019	19mm
210-403-025	25mm
210-403-032	32mm



210-406-006	6mm
210-406-009	9mm
210-406-013	13mm
210-406-016	16mm
210-406-019	19mm
210-406-025	25mm
210-406-032	32mm

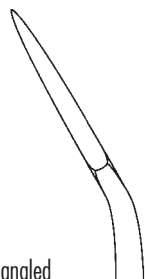


Cobb
Osteotome
280mm, 11"



straight

210-111-004	4mm
210-111-005	5mm
210-111-006	6mm
210-111-008	8mm
210-111-010	10mm
210-111-012	12mm
210-111-015	15mm
210-111-020	20mm
210-111-022	22mm
210-111-025	25mm



angled

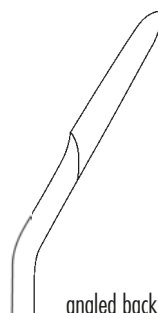
210-118-004	4mm
210-118-005	5mm
210-118-006	6mm
210-118-008	8mm
210-118-010	10mm
210-118-012	12mm
210-118-015	15mm
210-118-020	20mm
210-118-022	22mm
210-118-025	25mm

Dahmen
Osteotome,
with Ferrozell Handle
300mm, 11^{3/4}"



straight

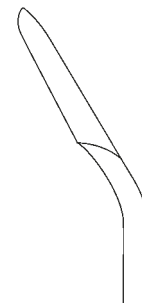
210-112-004	4mm
210-112-005	5mm
210-112-006	6mm
210-112-008	8mm
210-112-010	10mm
210-112-012	12mm
210-112-015	15mm
210-112-020	20mm
210-112-022	22mm
210-112-025	25mm



angled backward

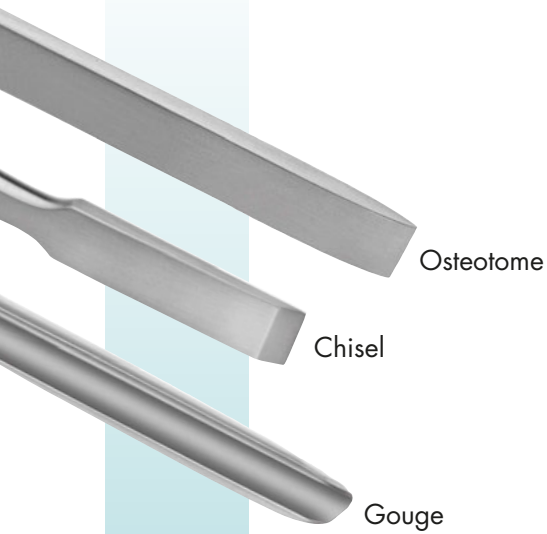
210-119-004	4mm
210-119-005	5mm
210-119-006	6mm
210-119-008	8mm
210-119-010	10mm
210-119-012	12mm
210-119-015	15mm
210-119-020	20mm
210-119-022	22mm
210-119-025	25mm

Dahmen
Gouge,
with Ferrozell Handle
300mm, 11^{3/4}"



angled forward

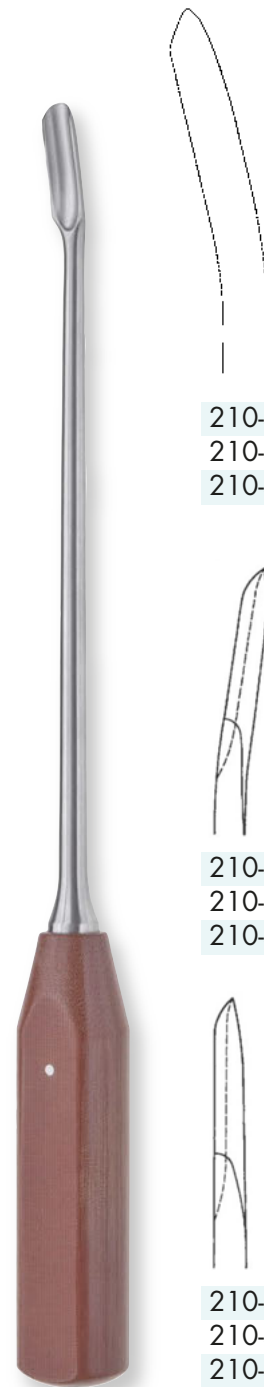
210-113-004	4mm
210-113-005	5mm
210-113-006	6mm
210-113-008	8mm
210-113-010	10mm
210-113-012	12mm
210-113-015	15mm
210-113-020	20mm
210-113-022	22mm
210-113-025	25mm



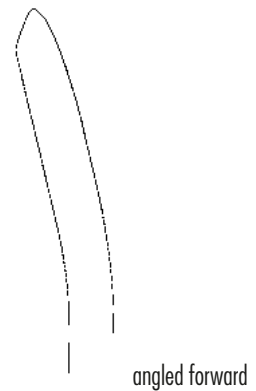
SHAPE



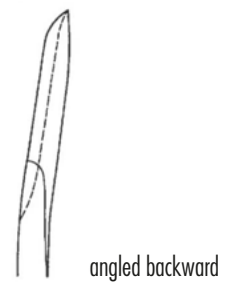
Lexer
210-135-050 5mm
Gouge,
with Ferrozell Handle
280mm, 11"



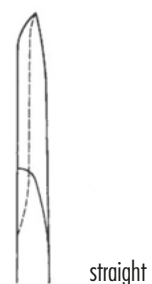
Wagner
Gouge,
with Ferrozell Handle
340mm, 13^{1/2}"



210-409-341	9mm
210-415-341	15mm
210-430-341	30mm



210-409-342	9mm
210-415-342	15mm
210-430-342	30mm



210-410-340	9mm
210-415-340	15mm
210-430-340	30mm



Lexer
210-135-120
Chisel, 12mm,
with Ferrozell Handle
200mm, 8"



210-437-160
Osteophyt Chisel
curved, 16mm,
with Ferrozell Handle
200mm, 8"



Lexer
210-148-250 straight, 250mm, 10"
210-149-250 curved, 250mm, 10"
210-148-320 straight, 320mm, 12^{1/2}"
210-149-320 curved, 320mm, 12^{1/2}"
Chisel, 16mm wide, with Ferrozell Handle



Capener
Osteotome, 12,7mm wide,
with Ferrozell Handle,
255mm, 10"

straight

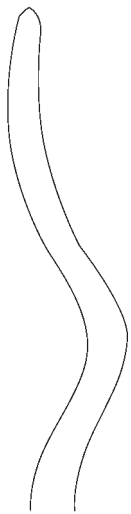
210-230-006	6mm
210-230-010	10mm
210-230-012	12mm
210-230-015	15mm
210-230-020	20mm
210-230-025	25mm
210-230-030	30mm

curved

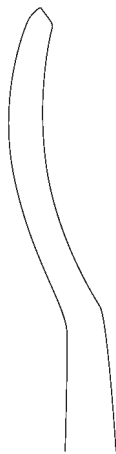
210-231-006	6mm
210-231-010	10mm
210-231-012	12mm
210-231-015	15mm
210-231-020	20mm
210-231-025	25mm
210-231-030	30mm



Swan Neck Gouge,
with Ferrozell Handle



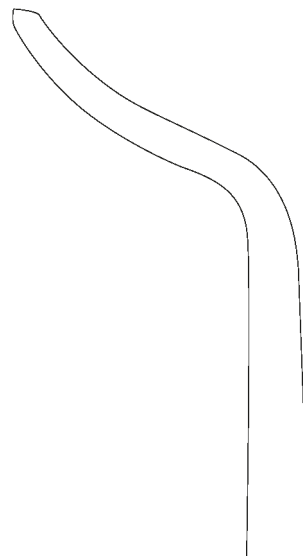
210-410-280
25mm
285mm, 11¹/₃"



210-410-260
270mm, 10³/₄"
16mm



210-410-270
20mm
270mm, 10³/₄"



210-410-240
16mm
250mm, 10"

210-410-320
320mm, 12¹/₂"
16mm



210-154-320
Gouge for cement removal,
8mm, with Ferrozell Handle
320mm, 12¹/₂"



Lexer
210-251-003 3mm
210-251-004 4mm
Chisel, with Ferrozell Handle
260mm, 10¹/₄"



Lexer
210-251-025
Chisel, 25mm,
with Ferrozell Handle
315mm, 12¹/₂"



Lexer
210-251-280 280mm, 11"
210-251-330 330mm, 13"
Chisel, 8mm,
with Ferrozell Handle



210-153-310
Chisel for cement
removal, 5mm,
45° angled upwards,
with Ferrozell Handle
310mm, 12¹/₃"



Gouge for cement removal,
9mm, with Ferrozell Handle
340mm, 13^{1/3}"

210-159-009

210-156-009



210-154-300
Gouge, 8mm, bayonett
with Ferrozell Handle
320mm, 12^{3/4}"



210-157-009
Chisel for the extraction of
Cement, 9mm, negative,
with Ferrozell Handle
280mm, 11"



210-515-280
Chisel for splitting the
Cement, 8.5mm
with Ferrozell Handle
280mm, 11"

[illegible]



SECTION

H

MALLETS
AND
TAMPS



WEIGHT 80g

210-220-080
Lead filled head
Ø 20mm
165mm, 6^{1/2}"



WEIGHT 80g

Lucae
210-230-190
Ø 19mm
190mm, 7^{1/2}"



WEIGHT 140g

Lucae
210-231-190
Ø 25mm
190mm, 7^{1/2}"



WEIGHT 80g

210-268-205
For hand surgery
Ø 18x18mm and 7mm,
with Ferrozell Handle
205mm, 8"



WEIGHT 120g

Parsch
210-225-180
Ø 22mm
180mm, 7"



WEIGHT 120g

Doyen
210-250-210
Ø 25mm
210mm, 8¹/₄"



WEIGHT 215g

Cloward
210-215-190
Ø 19mm
Lead filled
190mm, 7¹/₂"



WEIGHT 220g

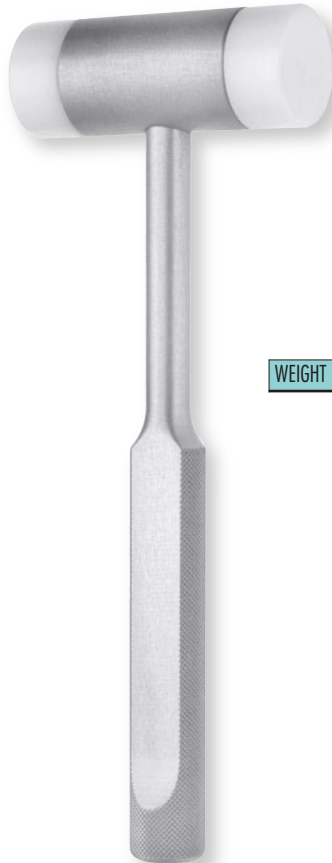
Collin (Lucae)
210-220-200
Ø 30mm
200mm, 8"



WEIGHT 140g

210-264-140
with 2 interchangeable
plastic disks
Ø 25mm
185mm, 7¹/₄"

210-265-000
Spare disks, pair



WEIGHT 140g

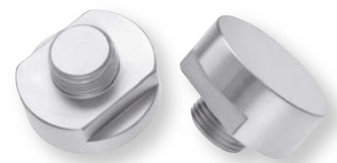
210-264-220
Anodized aluminium Handle
and head
Ø 32mm
225mm, 9"

210-264-221
Plastic disc only



WEIGHT 130g

Wagner
210-235-130
complete with
plastic discs 210-235-132
Ø 35mm
235mm, 9¹/₂"



210-235-131
215g, Ø 35mm
Metal discs only



210-235-132
32g, Ø 35mm
Plastic discs only



210-235-133
Wrench only



WEIGHT 130g

Hajek
210-244-220
Ø 27mm
220mm, 8^{3/4}"



WEIGHT 180g

Doyen
210-300-210
Ø 30mm
210mm, 8^{1/3}"



WEIGHT 205g

210-261-191
with interchangeable disk
1 teflon insert / 1 metal insert
Ø 25mm
190mm, 7^{1/4}"



WEIGHT 470g

210-264-180
with 1 interchangeable plastic disc
Ø 38mm
185mm, 7^{1/4}"



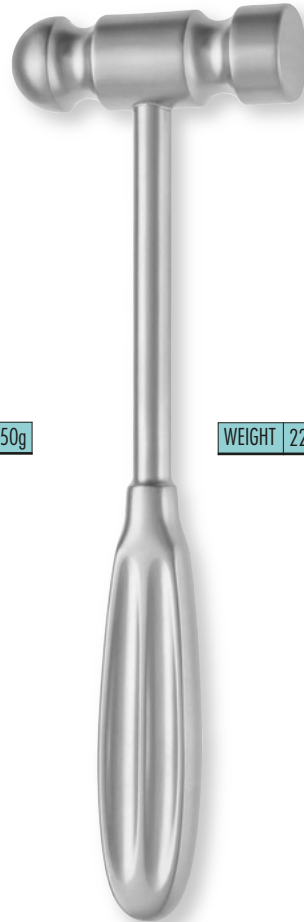
WEIGHT 220g

USA Model
210-300-180
Ø 30mm
180mm, 7"



WEIGHT 850g

USA Model
210-300-190
Ø 38mm
190mm, 7½"



WEIGHT 220g

Cloward
210-220-230
Ø 25mm
230mm, 9"



WEIGHT 260g

Doyen
210-350-210
Ø 35mm
210mm, 8¼"



WEIGHT 260g

Bergmann (Hibbs)
210-500-230
Ø 40mm
230mm, 9"



WEIGHT 320g

Mead
210-262-170
With 2 interchangeable
plastic disks
Ø 27mm
190mm, 7½"

210-263-000
Spare disks, pair



WEIGHT 300g

Williger
210-240-300
Ø 26mm
240mm, 9½"



WEIGHT 290g

210-290-260
Lead filled head,
repercussion free
Ø 30mm,
with Ferrozell Handle
265mm, 10½"

210-290-000
Plastic disc only



WEIGHT 420g

210-242-240
 Ø 30mm / 42mm,
 with Ferrozell Handle
 260mm, 10¹/₃"



WEIGHT 240g

210-240-250
 Ø 37mm
 250mm, 10"



210-240-000
 Spare discs, pair



210-260-150 WEIGHT 150g

Ferozell
 Ø 35mm
 240mm, 9¹/₂"

210-260-240 WEIGHT 250g

Ø 42mm
 260mm, 10¹/₃"



210-260-350
with Ferrozell Handle

Ø 30mm

250mm, 10"

WEIGHT 350g

210-260-500

Ø 35mm

WEIGHT 500g

210-260-700

Ø 40mm

WEIGHT 700g



Gerzog

210-180-400

Lead filled head

Ø 30mm

190mm, 7 1/2"

WEIGHT 300g



Bergmann

210-218-230

Ø 30mm

230mm, 9"

WEIGHT 300g



Williger

210-240-340

Ø 28mm

240mm, 9 1/2"

WEIGHT 300g

210-240-400

Ø 30mm

240mm, 9 1/2"

WEIGHT 400g



Bergmann

210-329-230

Ø 30mm

230mm, 9"

WEIGHT 450g



210-240-450
 Ø 35mm, **WEIGHT 450g**
 with Ferrozell Handle

210-240-451
 Ø 50mm, **WEIGHT 900g**
 with Ferrozell Handle
 265mm, 10¹/₂"



210-241-450
 Ø 35mm **WEIGHT 450g**

210-241-451
 Ø 50mm **WEIGHT 900g**
 280mm, 11"



WEIGHT 520g

210-240-520
 Ø 40mm
 185mm, 7¹/₄"



WEIGHT 520g

Ombredanne
 210-271-240
 Ø 40mm
 265mm, 10¹/₂"



WEIGHT 690g

Kirk
210-225-185
Ø 40mm
195mm, 7³/₄"



WEIGHT 700g

Heath (Kirk)
210-270-185
Copper filled head
Ø 40mm
185mm, 7¹/₄"



WEIGHT 710g

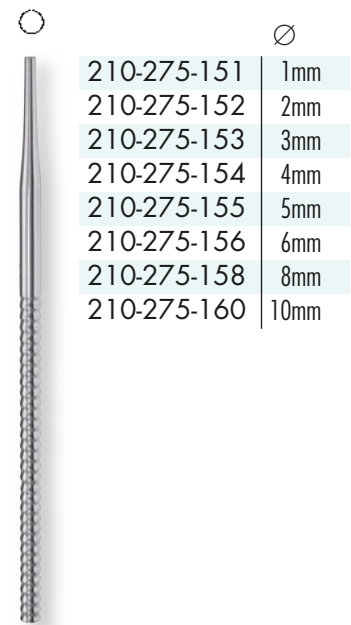
Ombredanne
210-270-240
Ø 40mm
240mm, 9¹/₂"



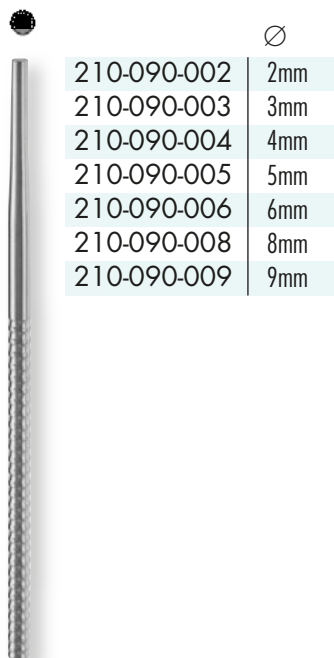
Bruenings
Bone Tamper
160mm, 6^{1/4}"



Passow
Bone Tamper
12cm, 4^{3/4}"



Bone Tamper, smooth
round Handle,
150mm, 6"



Bone Tamper, serrated
155mm, 6"



Bone Tamper,
plain
160mm, 6^{1/3}"



210-090-010
Bone Tamper, 10mm
155mm, 6"



210-090-020
Bone Tamper,
round, 17x7mm, straight,
with Ferrozell Handle
280mm, 11"



Bone Tamper
15x6mm
with Ferrozell
Handle

curved, smooth straight, serrated

straight, serrated

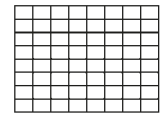
210-090-021	255mm, 10"
210-090-030	280mm, 11"
210-090-033	315mm, 12 ¹ / ₃ "

straight, smooth

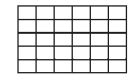
210-090-023	255mm, 10"
210-090-032	280mm, 11"
210-090-035	315mm, 12 ¹ / ₃ "

curved, smooth

210-090-022	255mm, 10"
210-090-031	280mm, 11"
210-090-034	315mm, 12 ¹ / ₃ "



210-090-012
19x14mm



210-090-011
15x10mm

Bone Tamper,
with Ferrozell Handle
350mm, 13²/₃"



210-091-100
3x8mm



210-091-101
4x10mm



210-091-102
5x15mm



210-091-103
6x20mm

Syper
Bone Tamper
with Ferrozell Handle
290mm, 11^{1/2}"



210-093-230
Cement Tamper, small,
double-ended 7mm / 3mm
230mm, 9"



210-212-200
12mm

210-214-200
14mm

210-215-200
16mm

Caspar
Bone Tamper
with Synthetic Handle
200mm, 8"



210-273-200
3mm

210-274-200
5mm

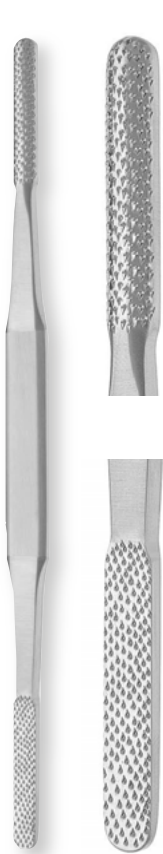
210-275-200
8mm

Caspar
Bone Tamper
with Synthetic Handle
200mm, 8"

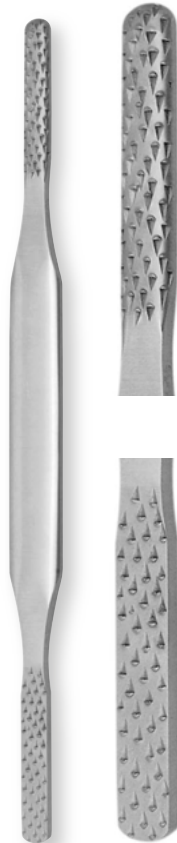


SECTION

FILES AND
RASPS



Fomon
420-661-000
Rasp, fine, double-ended
7.5mm/6.5mm
215mm, 8¹/₂"



Fomon
420-660-000
Rasp, coarse, double-ended
7.5mm/6.5mm
215mm, 8¹/₂"



Fomon
420-661-100
Rasp, double ended
fine/coarse, 4 sides
215mm, 8¹/₂"



Fomon
420-662-001 coarse
420-662-002 fine
Rasp, double-ended
215mm, 8¹/₂"



Kleinert-Kutz
420-656-000
Rasp, double ended, 4 sides
220mm, 8^{3/4} "



Miller
Rasp, 90° cross-serrated,
cut on down stroke
180mm, 7"

500-387-000
Fig. 1
8mm / 5mm

500-384-010
Fig. 2
6mm / 4mm

500-386-045
Fig. 3
6mm / 5mm





420-660-214	Fig. 3 / Fig. 4
420-660-216	Fig. 5 / Fig. 6
420-660-218	Fig. 7 / Fig. 8
420-660-219	Fig. 1 / Fig. 2
420-660-220	Fig. 9 / Fig. 10

Fomon

TC Rasp,
double-ended
7mm x 40mm
210mm, 8¹/₄"



420-490-210	Fig. 1
420-491-210	Fig. 2
420-492-210	Fig. 3
420-493-210	Fig. 4
420-494-210	Fig. 5
420-495-210	Fig. 6
420-496-210	Fig. 7
420-497-210	Fig. 8
420-498-210	Fig. 9
420-499-210	Fig. 10

Parkes

TC Rasp, 8x39mm
straight
210mm, 8¹/₄"



420-492-165	Fig. 2
420-493-165	Fig. 3
420-494-165	Fig. 4
420-495-165	Fig. 5
420-496-165	Fig. 6

Maltz

TC Rasp
165mm, 6¹/₂"



Fig. 1
0.8



Fig. 2
1.1



Fig. 3
1.3



Fig. 4
1.6



Fig. 5
1.8



Fig. 6
2.0



Fig. 7
2.4



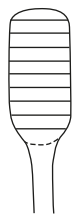
Fig. 8
2.6



Fig. 9
2.8



Fig. 10
3.0



420-658-175

fine



420-659-175

coarse

Lewis

Rasp, set to cut on down stroke
175mm, 7"



Maltz

420-654-180

420-672-000 TC

backward cutting

420-657-180

420-672-004 TC

forward cutting

Rasp, straight

180mm, 7"

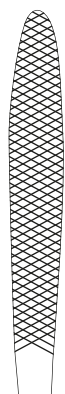


McIndoe

420-655-180

Rasp, straight

180mm, 7"



420-605-160

fine



420-606-160

coarse

Joseph

Rasp, cross-serrated
165mm, 6¹/₂"



420-650-001

9mm, cut on down stroke



420-650-002

9mm, cut on up stroke

Aufricht

Rasp, 90° cross-serrated
220mm, 8³/₄"



Aufricht

420-650-101

Rasp, fine, curved, 7x25 mm
diamond jaws
200mm, 7³/₄"



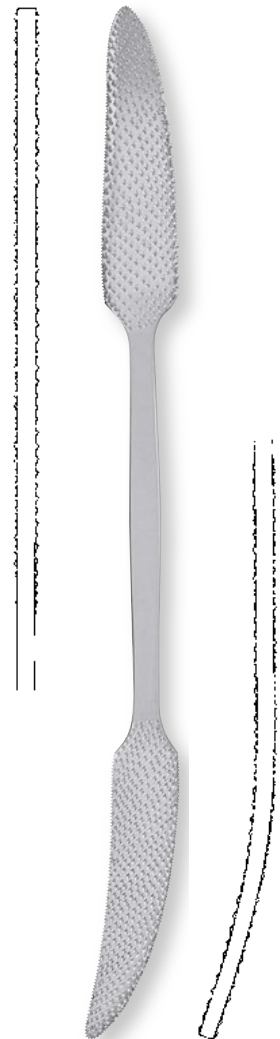
Maltz (Cottle)
420-670-210
Rasp, backward cutting
210mm, 8¹/₄"



Gallaher
420-678-190
Rasp, with ring, coarse
170mm, 6³/₄"



Putti
210-181-300
Bone File
300mm, 11³/₄"



Putti
210-183-270
Bone File
270mm, 10³/₄"



210-178-220
Bone File/rasp combination
220mm, 8^{3/4}"



210-176-280
Bone File with hollow Handle,
semi-round
280mm, 11"



210-177-245
Bone File, bayonet-shaped
240mm, 9^{1/2}"



This image shows a blank sheet of white paper with horizontal blue lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.



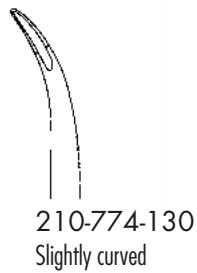
SECTION



BONE RONGEUR



210-773-130
Strongly curved

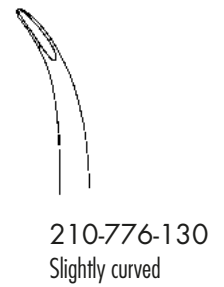


210-774-130
Slightly curved

Synovectomy Rongeur
1.2mm wide jaw,
130mm, 6^{1/8}"

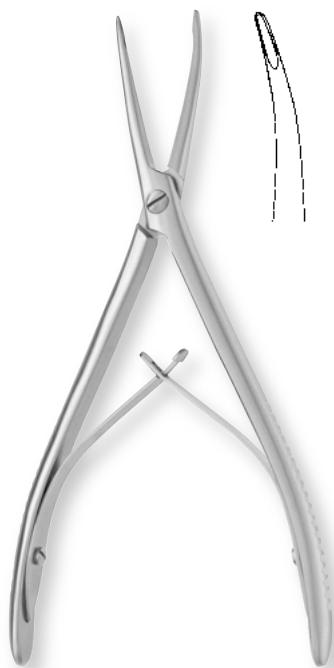


210-775-130
Strongly curved

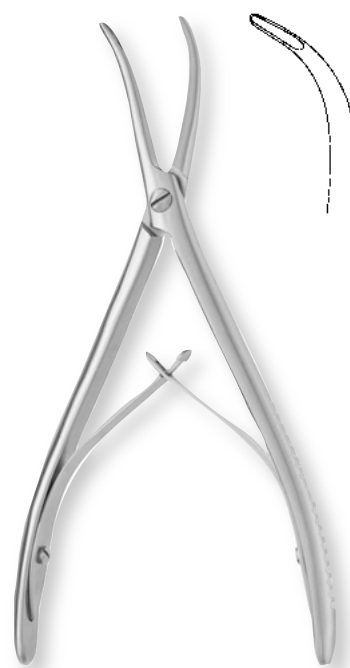


210-776-130
Slightly curved

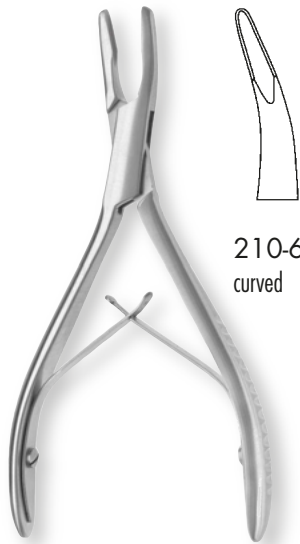
Synovectomy Rongeur
2.0mm wide jaw,
130mm, 6^{1/8}"



Stellbrink
210-777-001
Synovectomy Rongeur
slightly curved, 2mm wide jaw,
170mm, 6^{3/4}"



Stellbrink
210-777-002
Synovectomy Rongeur
strongly curved, 2mm wide jaw,
170mm, 6^{3/4}"



210-641-140
curved

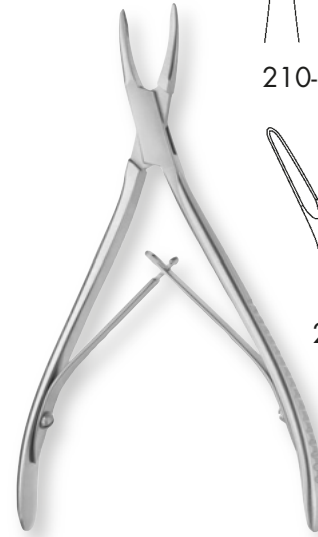
Friedman
210-640-140
Bone Rongeur
140mm, 5¹/₂"



210-642-140
slightly curved

Kleinert-Kutz
Bone Rongeur
140mm, 5¹/₂"

210-643-140
strongly curved



210-640-150

Mini Friedmann
Bone Rongeur,
delicate jaw 1.1 mm
140mm, 5¹/₂"

210-641-150



Mead
210-805-140
140mm, 5¹/₂"
#4

Bone Rongeur



Cleveland
210-805-170
170mm, 6³/₄"
#4A



210-815-140
140mm, 5¹/₂"
#1

Mead
Bone Rongeur



210-815-165
170mm, 6³/₄"
#1A



Blumenthal
Bone Rongeur
155mm, 6"



210-691-150
30°



210-693-150
45°



210-695-150
90°



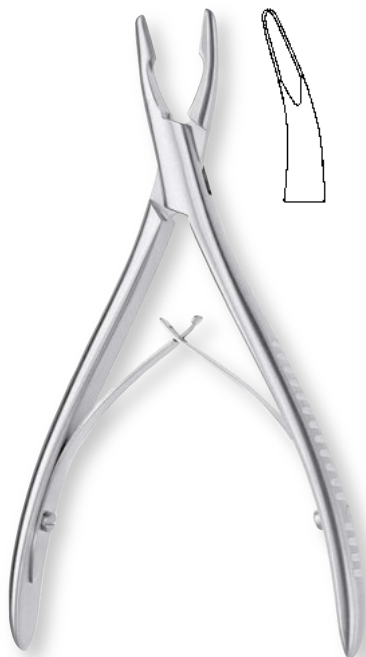
Luer
Bone Rongeur
140mm, 5 1/2"



210-685-150



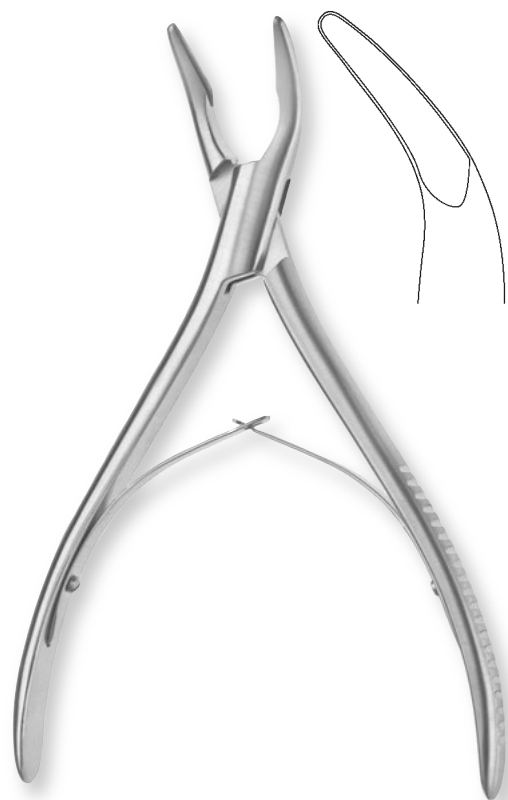
210-687-150



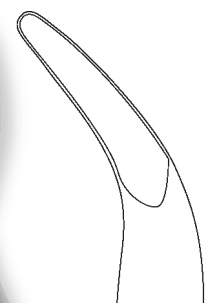
Bane
210-787-180
Bone Rongeur
180mm, 7 1/8"

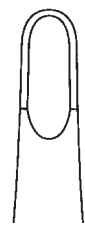


Hartmann
210-819-180
Bone Rongeur
160mm, 6 1/4"



Olivecrona
210-470-205
Bone Rongeur
200mm, 8"



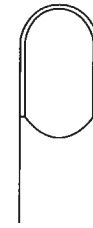


210-846-170

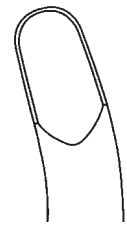


210-847-170

Luer
Bone Rongeur
170mm, 6³/₄"

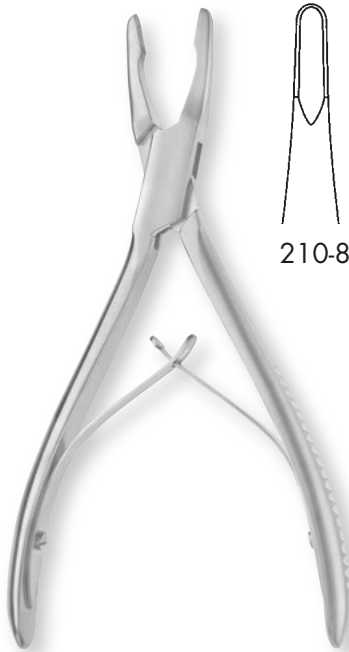


210-862-180



210-863-180

Luer
Bone Rongeur
180mm, 7¹/₈"

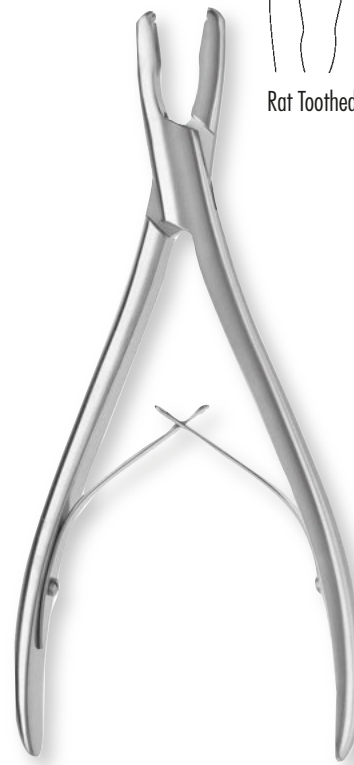


210-826-180



210-829-180

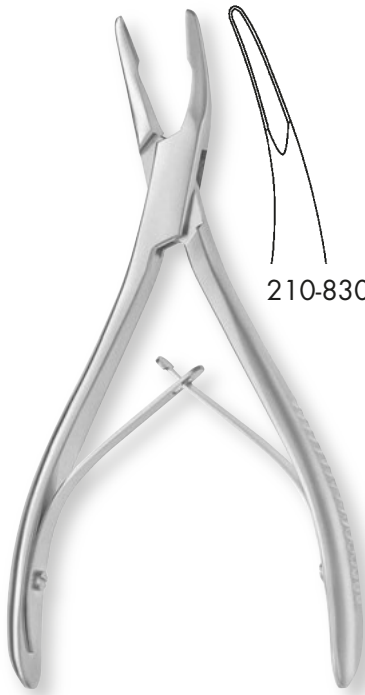
Jansen
Bone Rongeur
170mm, 6³/₄"



Rat Toothed



210-781-210
Bone Rongeur, Rat toothed
3x3 teeth
210mm, 8¹/₄"



210-830-180



210-831-180

Beyr
Bone Rongeur, 3x16mm
180mm, 7 1/8"



Defourmentel
210-772-190
Bone Rongeur, 3mm jaws
190mm, 7 1/2"

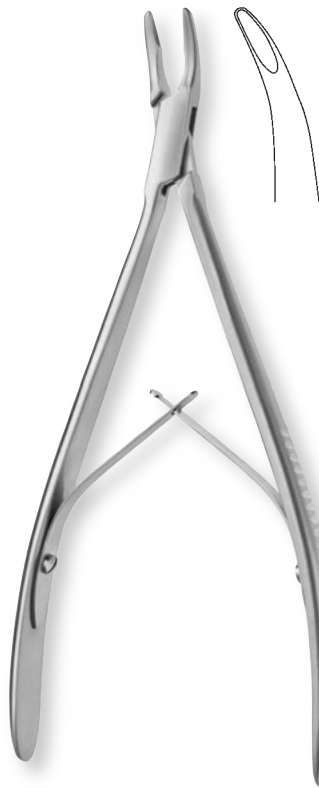


210-832-185



210-833-185

Lempert
Bone Rongeur
190mm, 7 1/2"



Lempert
210-771-160
Bone Rongeur, curved
160mm, 6 1/3"

210-771-190
190mm, 7 1/2"

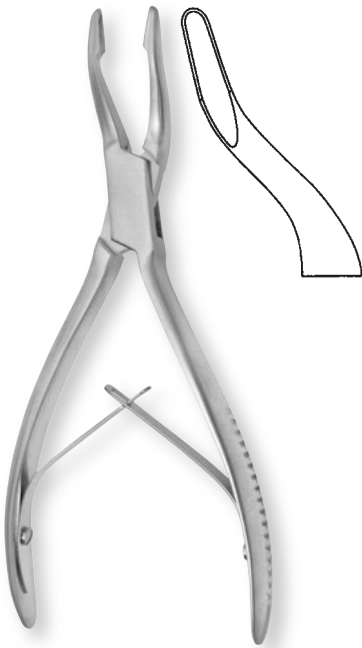


Lempert
210-770-160
Bone Rongeur, straight
160mm, 6 1/3"

210-770-190
190mm, 7 1/2"



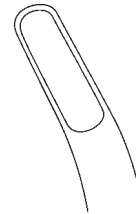
Pennybacker
210-794-200
Bone Rongeur, 4mm delicate jaws
200mm, 8"



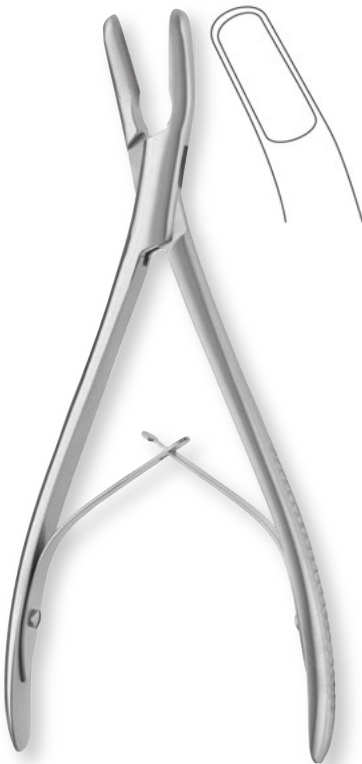
Jansen
210-829-170
Bone Rongeur
170mm, 6³/₄"



210-730-003
3mm jaws



210-730-005
5mm jaws

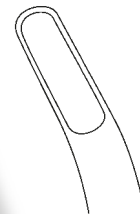


Matzen
210-732-200
Intervertebral Bone Rongeur, 8mm jaws
200mm, 8"

Zielke
Bone Rongeur
210mm, 8¹/₄"



210-731-003
3mm jaws



210-731-005
5mm jaws

Zielke
Bone Rongeur
250mm, 10"



Zielke
210-732-002
Bone Rongeur, shanks curved right,
3mm jaws
190mm, 7¹/₂"



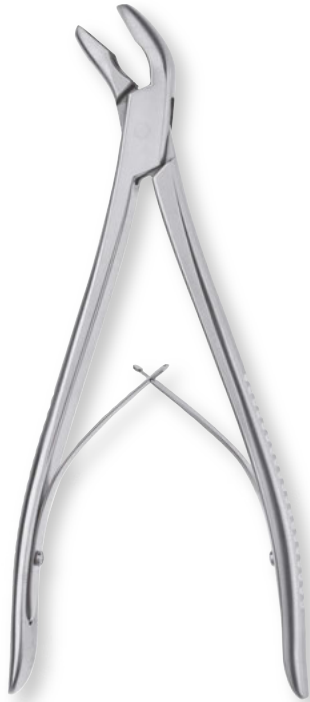
Adson
210-845-200 straight
210-846-200 curved
Bone Rongeur
angled jaws
200mm, 8"



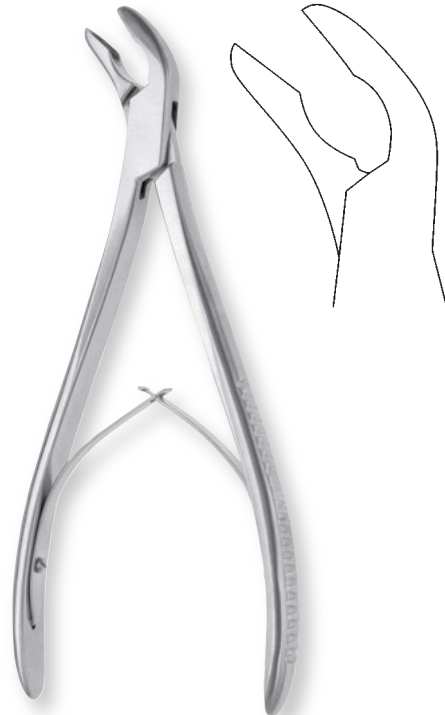
Zielke
210-733-003
Bone Rongeur, shanks curved left,
3mm jaws
190mm, 7¹/₂"



Northfield
210-796-200
Bone Rongeur, 10mm jaws
200mm, 8"



Bacon
210-795-195
Bone Rongeur
angled jaws
200mm, 8"



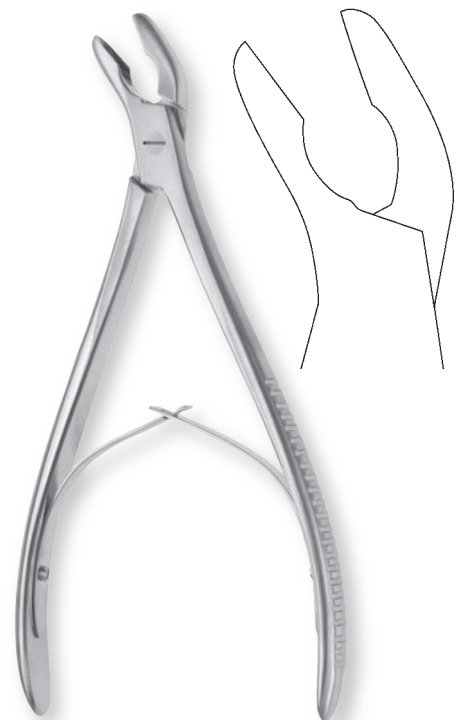
Wilms
210-841-200
Bone Rongeur
laterally angled
200mm, 8"



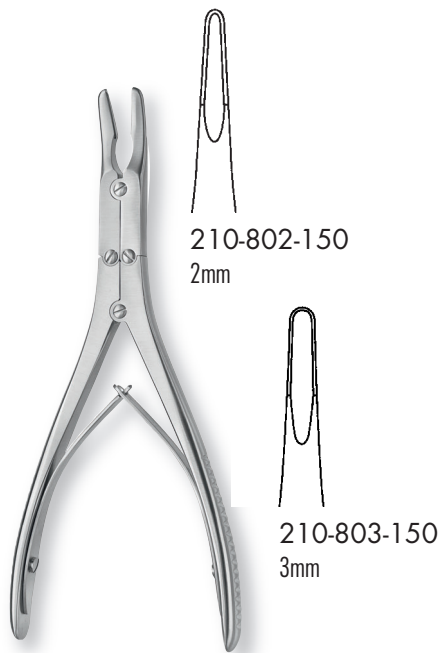
Guleke
210-847-205
Bone Rongeur, curved
205mm, 8"



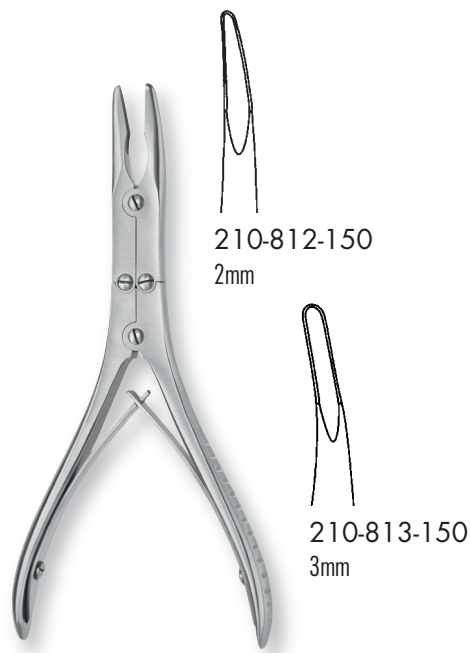
Hakansson
210-825-160
Bone Rongeur, curved laterally
160mm, 6^{1/3}"



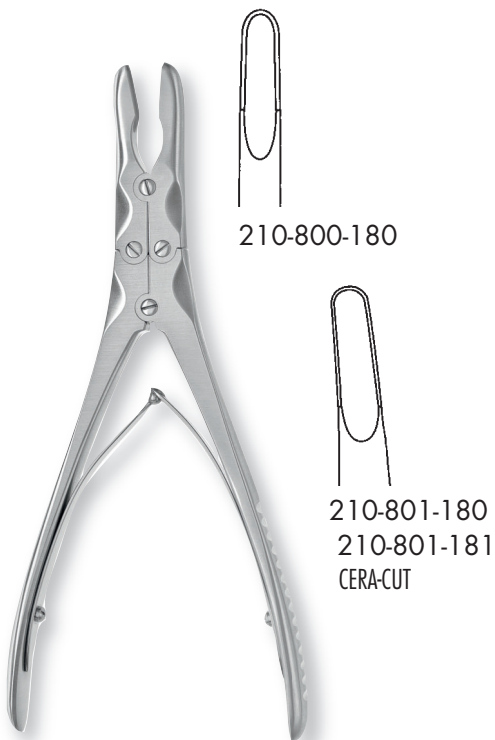
Trotter
210-839-200
Bone Rongeur
laterally angled
200mm, 8"



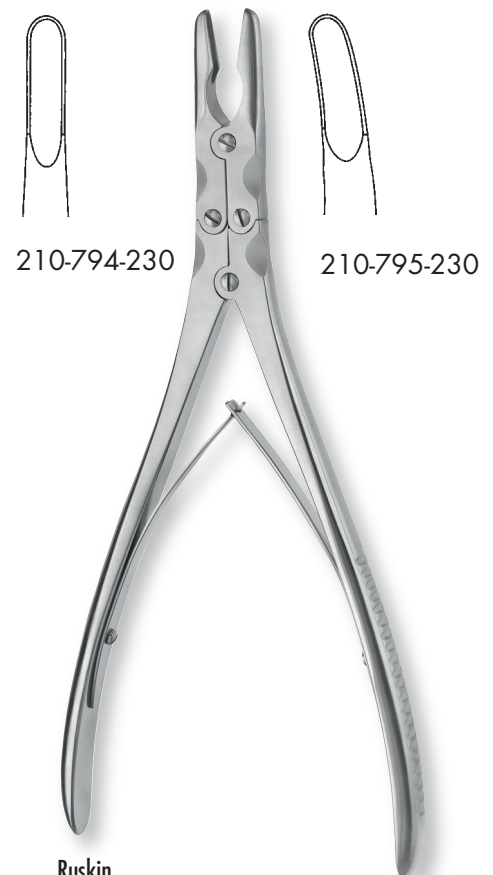
Mini-Ruskin
Bone Rongeur, straight
150mm, 6"



Mini-Ruskin
Bone Rongeur, curved
150mm, 6"



Ruskin
Bone Rongeur,
straight, 5mm
180mm, 7¹/₈"



Ruskin
Bone Rongeur,
straight, 5mm
240mm, 9¹/₂"



Ruskin
210-802-180 straight
210-803-180 curved
Bone Rongeur, delicate
180mm, 7¹/₈"



Boehler
210-790-150 2mm jaw
210-789-150 3mm jaw
210-789-151 3mm jaw CERA-CUT
Bone Rongeur, curved,
150mm, 6"



210-789-150
210-790-150
210-789-151



Marquardt
210-780-200
Bone Rongeur, curved
200mm, 8"



Beyer
210-790-180
210-790-181
CERA-CUT



Bone Rongeur, curved,
4mm jaw
180mm, 7¹/₈"



Zaufal-Jansen
210-791-180



RZ CERA-CUT RONGEUR

- more durable
- longer resistance



Ruskin
210-805-180
Bone Rongeur, laterally
angled, 180mm, 7 1/8"



Leksell-Stille
Bone Rongeur, lateral curved
240mm, 9 1/2"



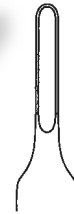
210-850-240
8mm



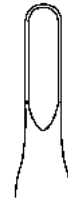
210-851-240
5mm



Leksell-Stille
Bone Rongeur,
strongly lateral curved
230mm, 9"



210-854-240
4mm



210-852-240
5mm



210-858-240
8mm



Stille-Luer
210-907-230
Bone Rongeur, side-wards curved
230mm, 9"



Frykholm
210-855-240
Bone Rongeur,
s-curved
240mm, 9^{1/2}"



Echlin
210-798-230 2x10mm
210-799-230 3x10mm
210-797-230 4x10mm
Bone Rongeur
230mm, 9"



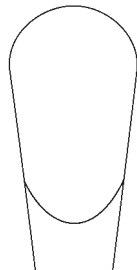
Stille-Luer
Bone Rongeur



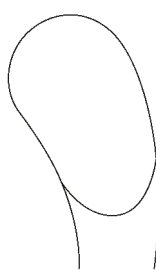
straight, 220mm, 8²/₃"
210-907-220 10mm
210-910-220 17mm



curved, 220mm, 8²/₃"
210-911-220 10mm
210-909-220 17mm



210-910-260
straight
17mm bite
260mm, 10¹/₃"



210-911-260
curved
17mm bite
260mm, 10¹/₃"



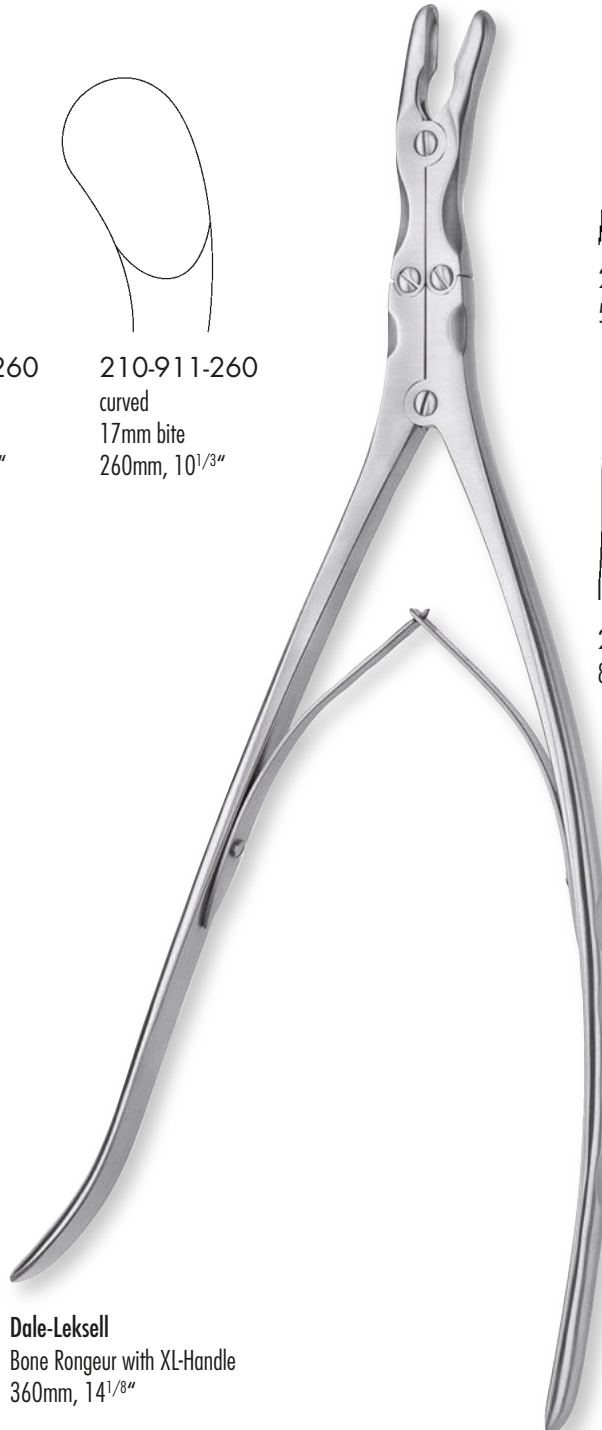
210-843-360
3mm



210-845-360
5mm



210-848-360
8mm



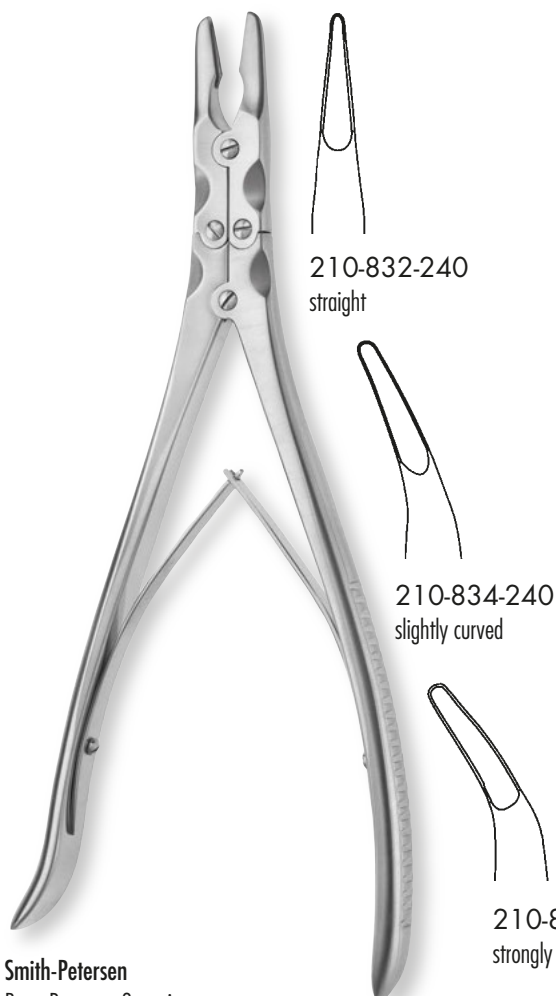
Dale-Leksell
Bone Rongeur with XL-Handle
360mm, 14¹/₈"



Roettgen-Ruskin
210-792-230
Bone Rongeur,
5mm jaws, curved
240mm, 9¹/₂"



Stille-Ruskin
210-901-230
Bone Rongeur,
8mm jaws
230mm, 9"



Smith-Petersen
Bone Rongeur, 3mm jaws
240cm, 9¹/₂"

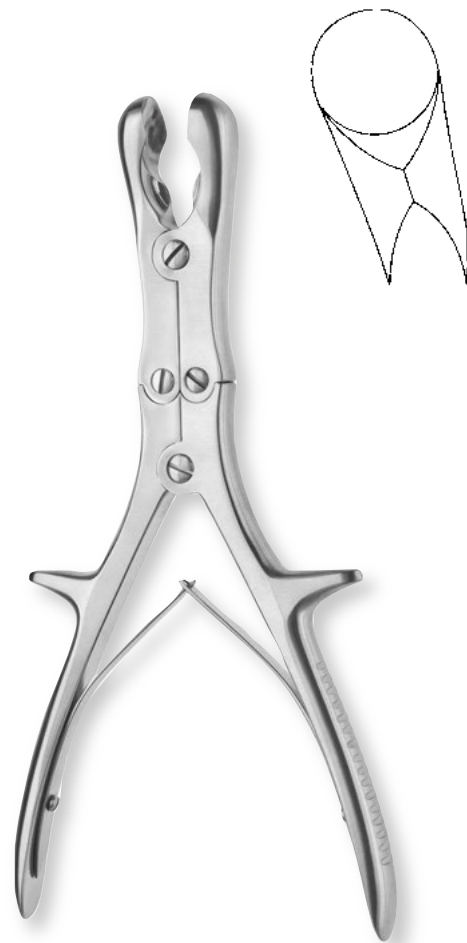
210-832-240
straight

210-834-240
slightly curved

210-836-240
strongly curved



Whiteside
210-886-260
Bone Rongeur, 6mm
260mm, 10¹/₄"



Semb
210-905-225
Bone Rongeur, curved
225mm, 9"



Scagetti
210-823-260
Bone Rongeur, curved right
260mm, 10¹/₄"



Scagetti
210-824-260
Bone Rongeur, curved left
260mm, 10¹/₄"



Orbita
210-904-225
Intervertebral Disc Rongeur,
straight, 4mm jaws
225mm, 8^{3/4}"



Sypert
Bone Rongeur
350mm, 13^{3/4}"

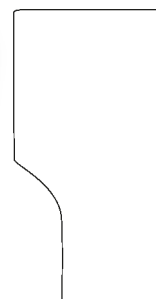
curved	
210-803-350	3mm
210-805-350	5mm
210-808-350	8mm
straight	
210-813-350	3mm
210-815-350	5mm
210-818-350	8mm



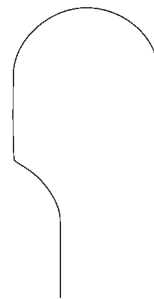
Orbita
210-903-220
Bone Rongeur,
2.5mm jaws, curved
220mm, 8^{3/4}"



Sauerbruch
Bone Rongeur
300mm, 12"



210-916-300
straight, angular



210-915-300
straight, round

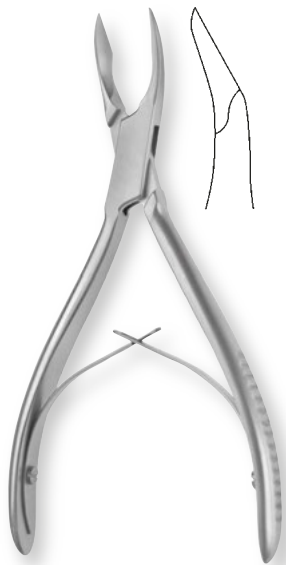
[illegible]



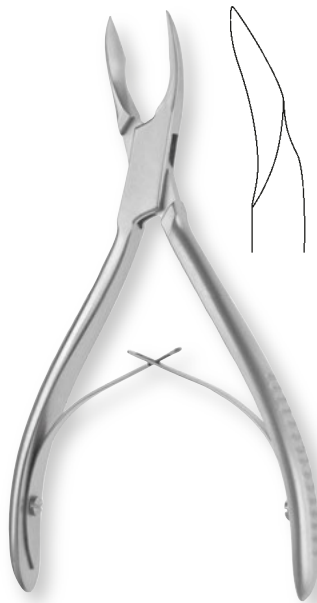
SECTION

K

BONE CUTTING



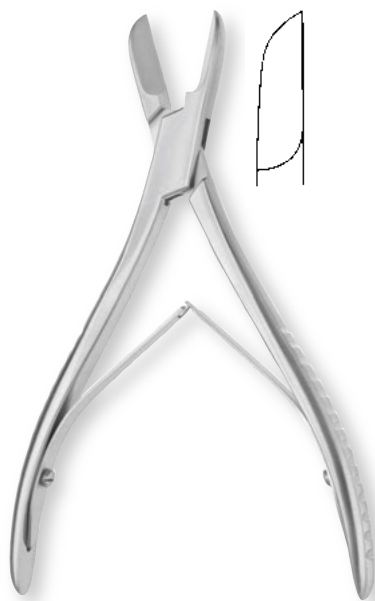
Niro
210-845-130
Bone Cutting Forceps, angled
140mm, 5¹/₂"



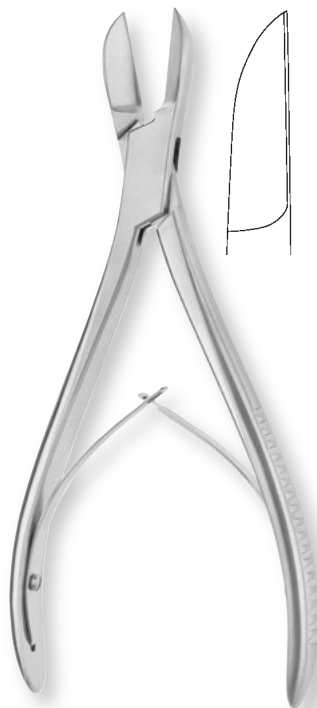
Cleveland
210-845-145
Bone Cutting Forceps, angled on flat
145mm, 5³/₄"



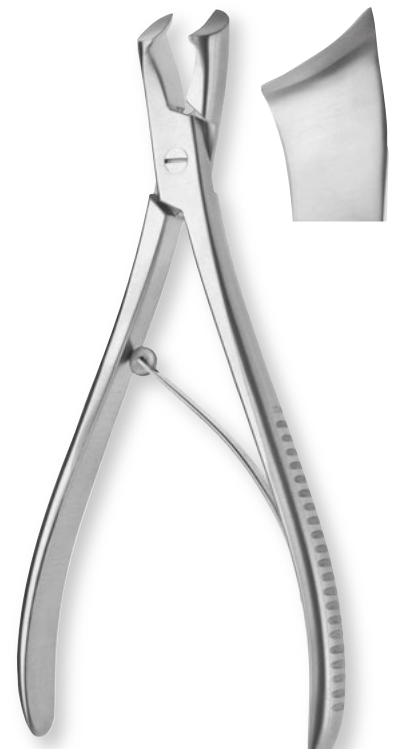
Cleveland
210-845-170
Bone Cutting Forceps, angled on flat
170mm, 6³/₄"



Littauer
210-397-150
Nail Cutting Forceps, with spring
150mm, 6"



Cottle-Kazanjan
210-845-185
Bone Cutting Forceps, straight
180mm, 7"



Markwalder
210-866-200
Bone Cutting Forceps
200mm, 8"



Liston
Bone Cutting Forceps, straight



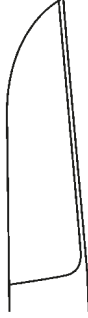
210-934-140
140mm, 5¹/₂"



210-934-170
170mm, 6³/₄"



210-934-190
190mm, 7¹/₂"



210-934-220
220mm, 8³/₄"



Liston
Bone Cutting Forceps, angled



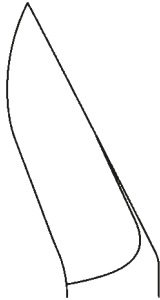
210-935-140
140mm, 5¹/₂"



210-935-170
170mm, 6³/₄"



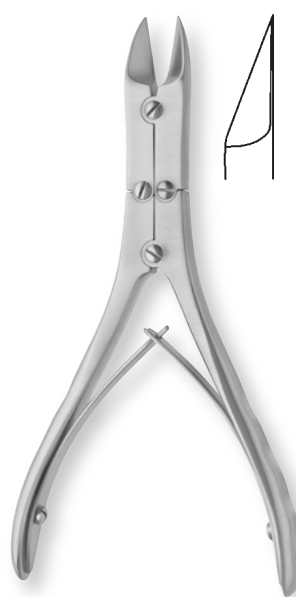
210-935-190
190mm, 7¹/₂"



210-935-220
220mm, 8³/₄"



Kleinert-Kutz
210-778-140 straight
210-777-140 strongly curved
Bone Cutting Forceps,
double action
150mm, 6"



Boehler
210-892-150
Bone Cutting Forceps,
double action, straight
150mm, 6"



Boehler
210-890-150
Bone Cutting Forceps,
double action, curved on flat
150mm, 6"

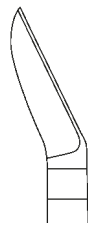


Gardner
210-981-004
Bone Cutting Forceps,
4mm wide
160mm, 6¹/₃"



210-844-170
straight

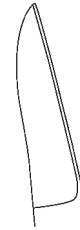
Ruskin-Liston
Bone Cutting Forceps, double action
170mm, 6^{3/4}"



210-843-170
angled



210-900-185
straight



210-901-185
angled

Ruskin-Liston
Bone Cutting Forceps, double action
185mm, 7^{1/4}"



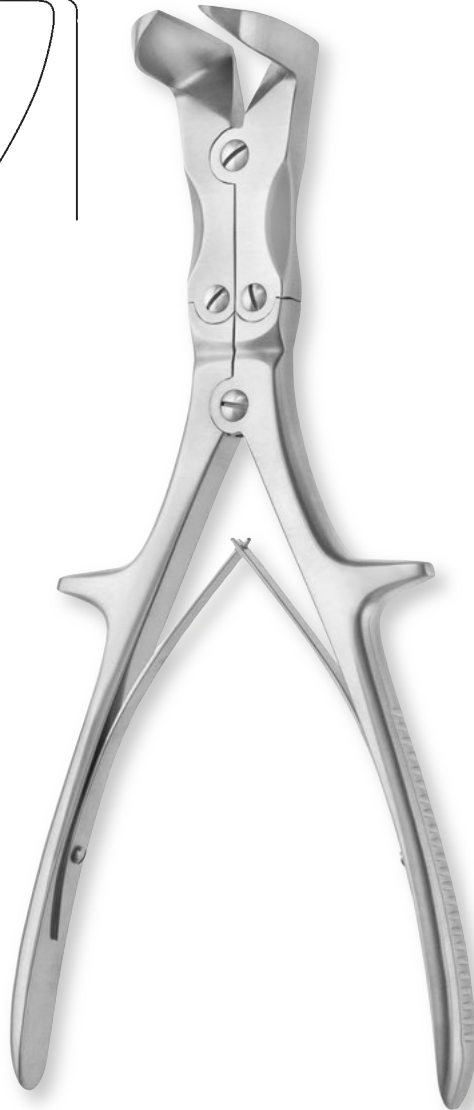
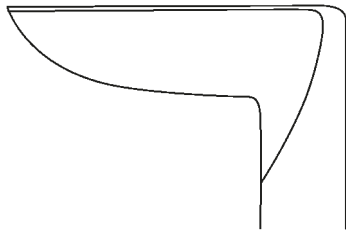
Beyer
210-860-170 straight
210-861-170 angled
Bone Cutting Forceps,
double action
170mm, 6^{3/4}"



McIndoe
210-880-175 175mm, 7"
210-880-190 190mm, 7^{1/2}"
Bone Cutting Forceps,
double action



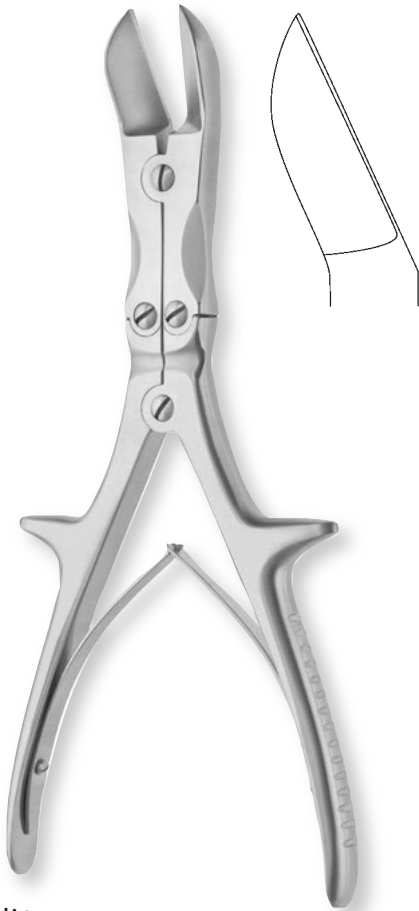
Ruskin-Rowland
210-855-180
Bone Cutting Forceps,
double action, straight
180mm, 7"



Stille-Liston
210-908-270
Bone Cutting Forceps,
double action, 90° angled
270mm, 10¹/₃"



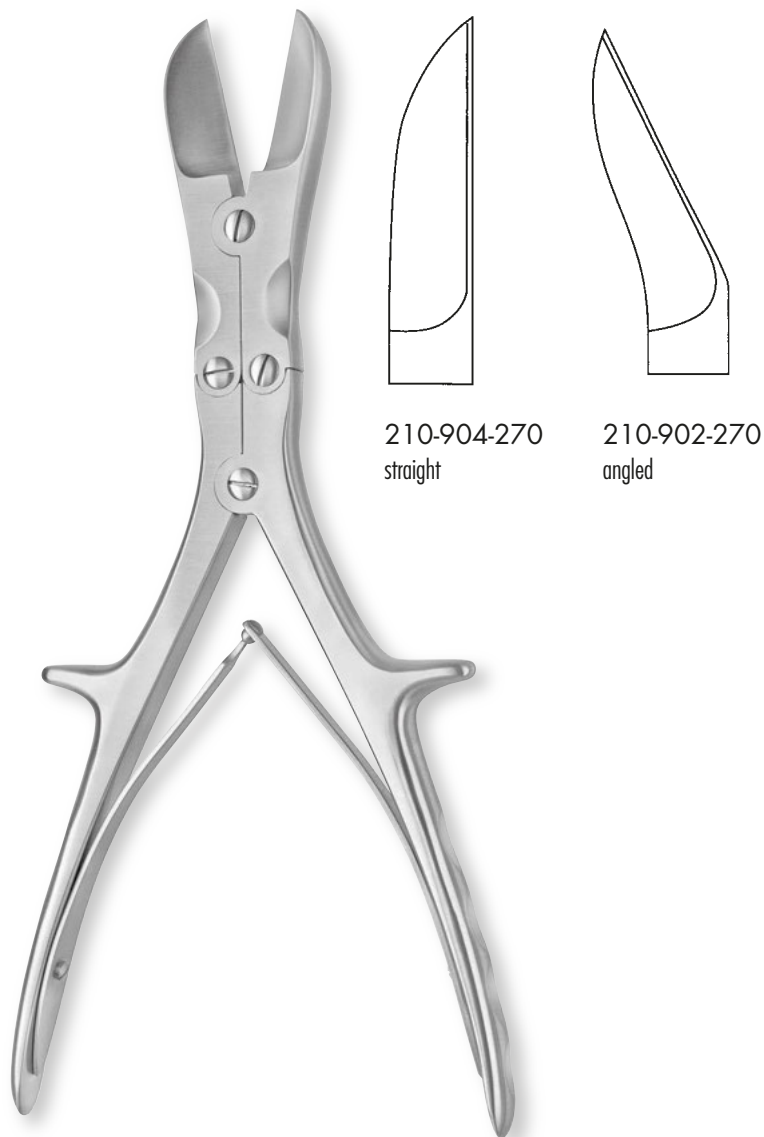
Semb
210-911-245
Bone Cutting Forceps,
double action, lateral angled
245mm, 9¹/₂"



Liston
210-905-240
Bone Cutting Forceps, double action
curved on flat
240mm, 9 1/2"



Liston-Key-Horsley
210-910-255
Bone Cutting Forceps, double action
S-shaped
255mm, 10"



210-904-270
straight

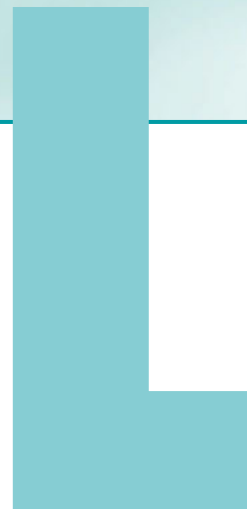
210-902-270
angled

Stille-Liston
Bone Cutting Forceps, double action
270mm, 10³/₄"

[illegible]



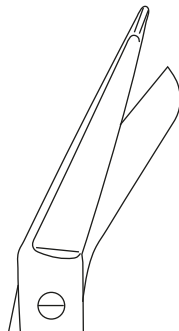
SECTION



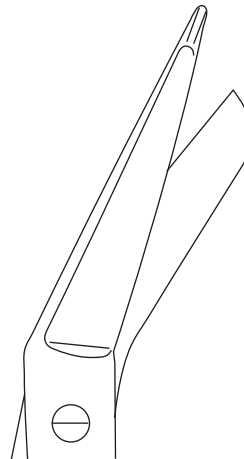
PLASTER
CAST
INSTRUMENTS



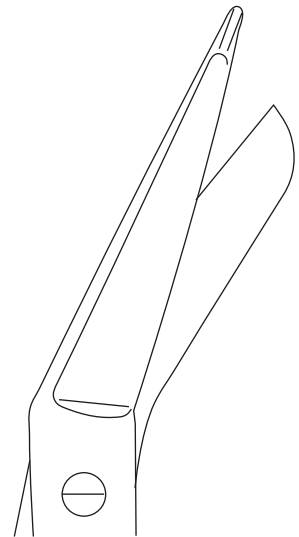
Lister
Bandage Scissors



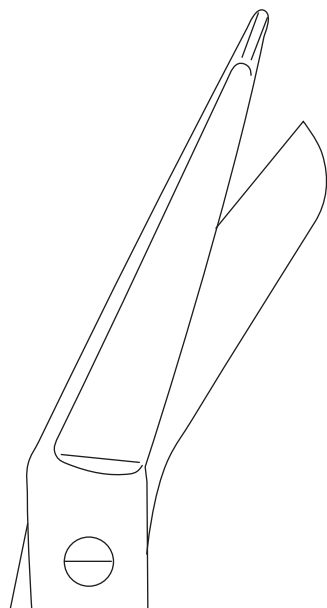
190-165-090
90mm, 3¹/₂"



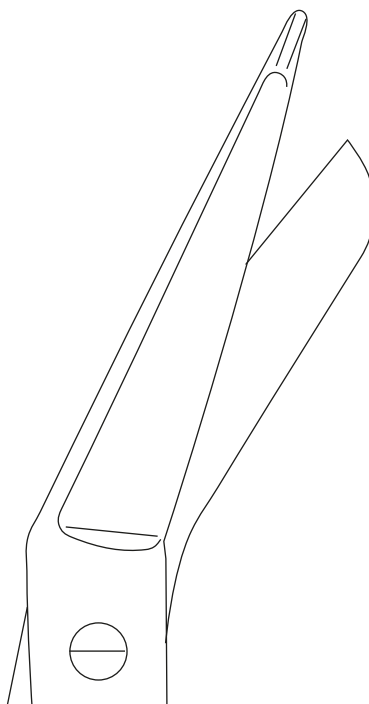
190-165-110
110mm, 4³/₈"



190-165-140
140mm, 5¹/₂"



190-165-180
180mm, 7¹/₈"



190-165-200
200mm, 8"



Lister
190-291-180 TC
191-165-180 Super-Cut
180mm, 7"



Lister-Excentric

190-177-160 160mm, 6¹/₄"

190-177-190 190mm, 7¹/₂"

Bandage Scissors, serrated



Lister

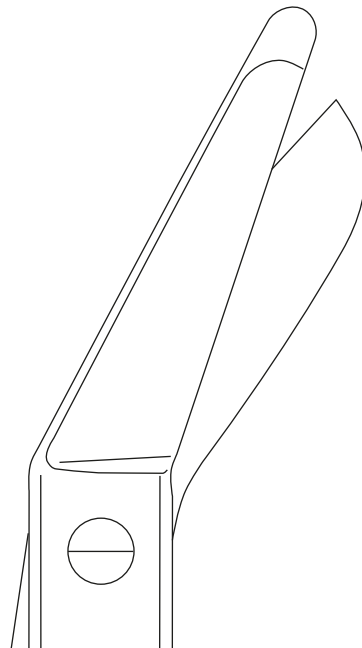
190-170-185 185mm, 7¹/₄"

190-170-210 200mm, 8"

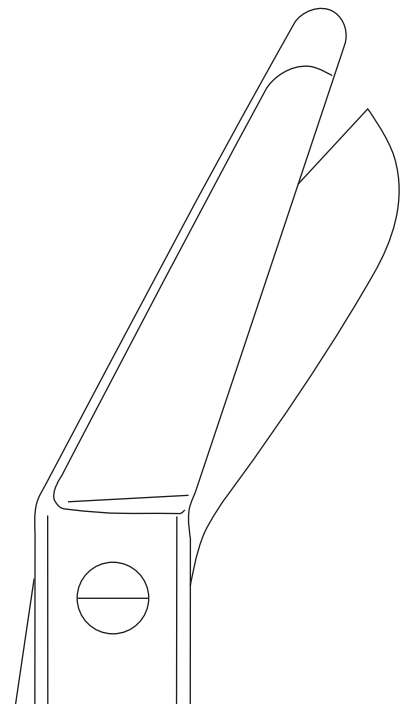
Bandage Scissors



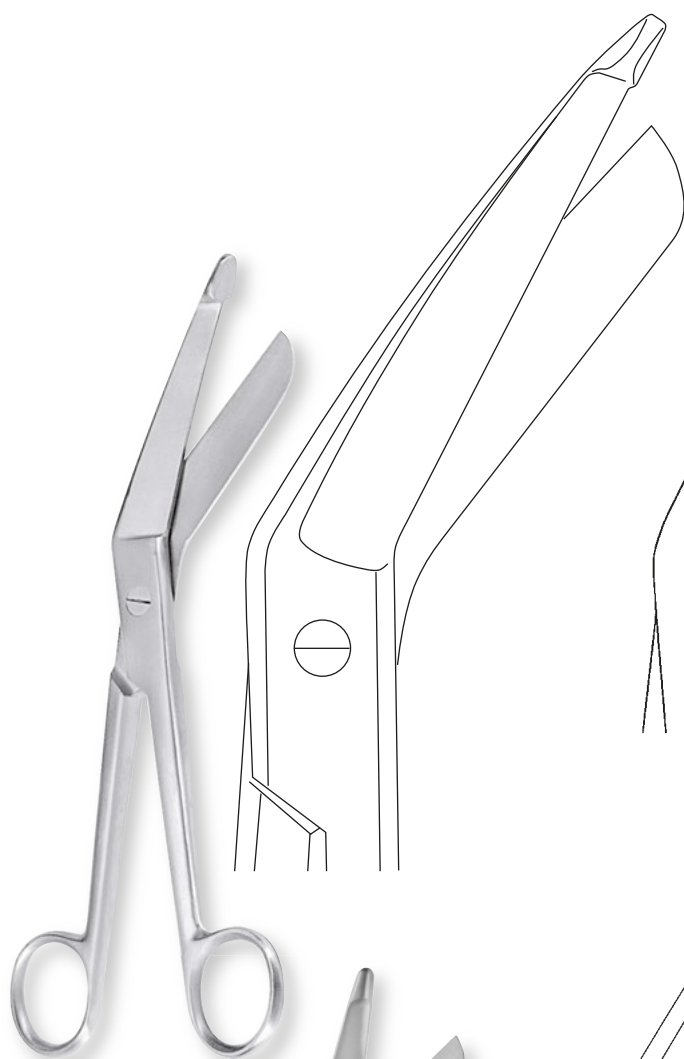
Esmarch
Plaster Scissors



190-205-200
200mm, 8"



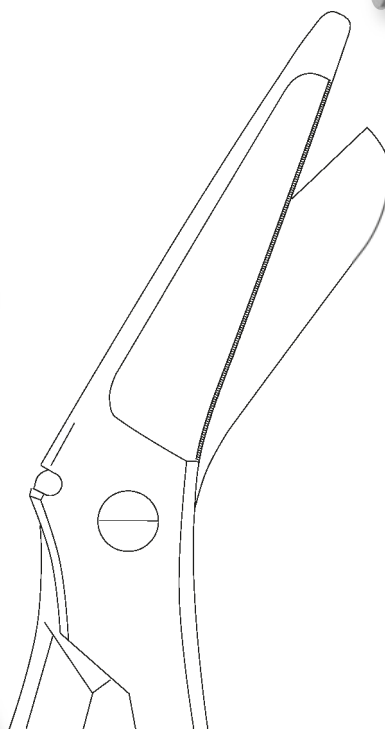
190-205-220
220mm, 8³/₄"



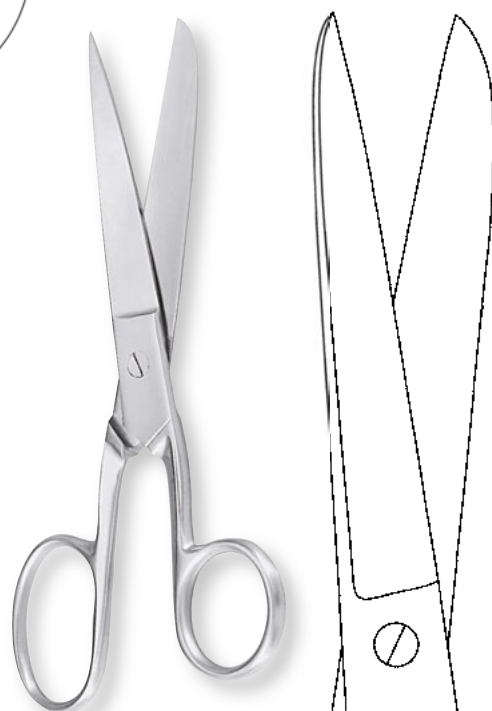
Bergmann
190-195-230
Plaster Scissors
230mm, 9"



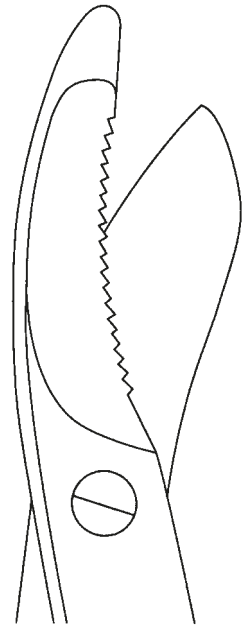
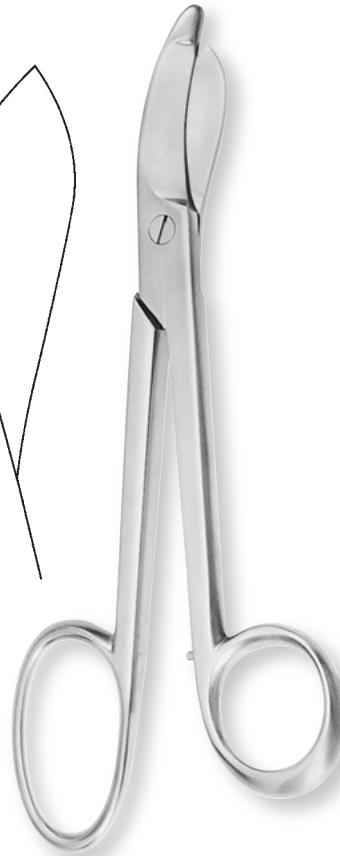
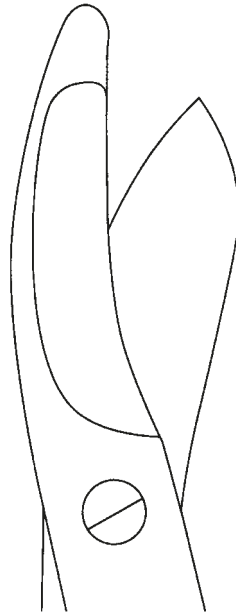
190-211-200
Cloth Scissors, serrated
200mm, 8"



Seutin
190-310-230
Cloth- and Plaster Scissors, serrated
230mm, 9"

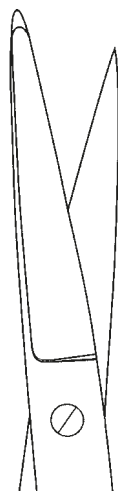


Smith (Mod. USA)
120-270-180 180mm, 7¹/₈"
120-270-230 230mm, 9"
Bandage Scissors

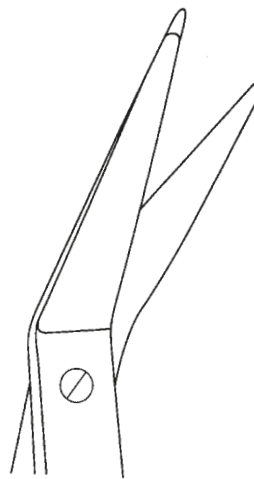


Bruns
190-223-240
Plaster Scissors, serrated
190-224-240
Plaster Scissors, smooth
240mm, 9 1/2"

Lorenz
190-155-230
Bandage Scissors, curved
230mm, 9"



190-160-140
straight



190-161-140
angled



Knowles
Bandage Scissors
140mm, 5 1/2"

Knowles
190-162-140
Bandage Scissors, knee angled shaft
140mm, 5 1/2"



Universal

Plaster and Cloth Scissors, plastic protection cap,
with plastic rings, autoclavable
140mm, 5 1/2"

190-209-150	blue
190-209-151	black
190-209-152	red
190-209-153	yellow
190-209-154	green



Universal

Plaster and Cloth Scissors, plastic protection cap,
with plastic rings, autoclavable
180mm, 7 1/8"

190-209-180	blue
190-209-181	black
190-209-182	red
190-209-183	yellow
190-209-184	green
190-209-185	orange

Additional available
Ring colors





190-211-140	blue
190-211-141	pink

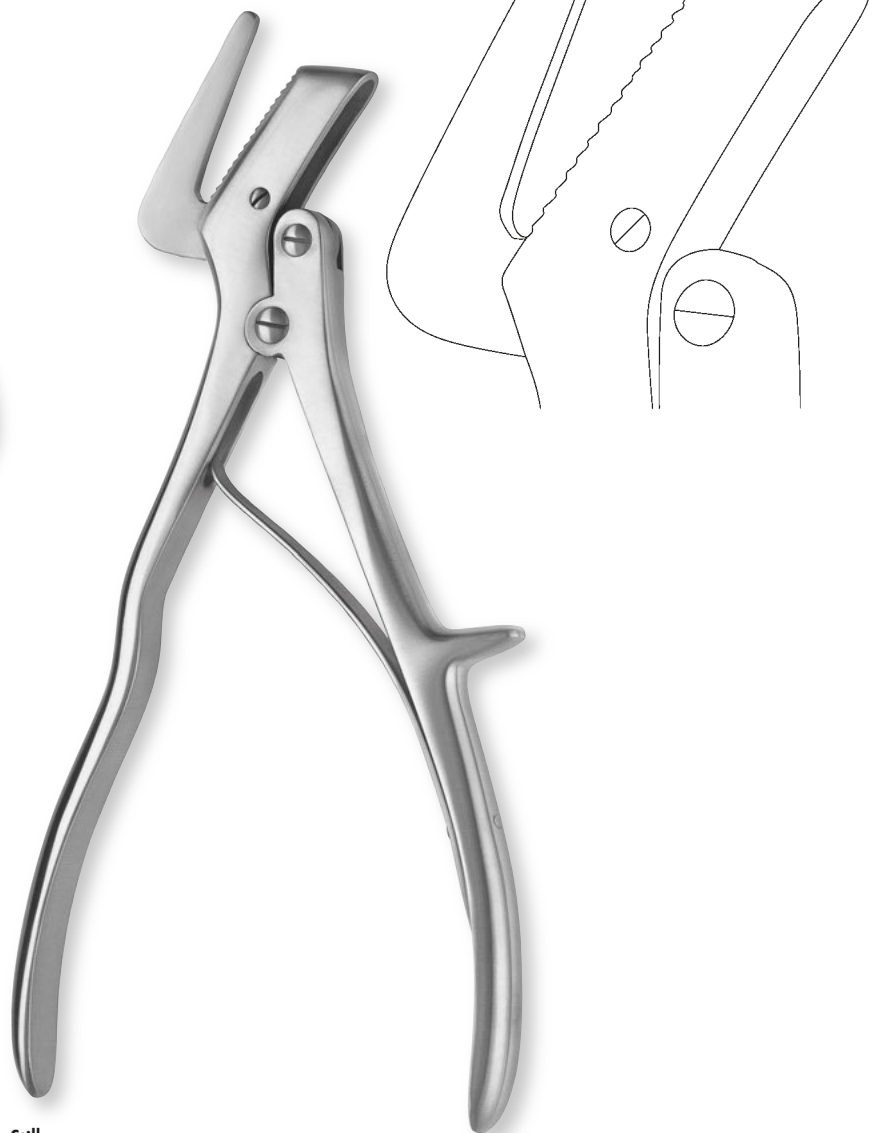
Additional available
Ring color



Universal
Plaster and Cloth Scissors, with
protection splint, autoclavable
140mm, 5 1/2"

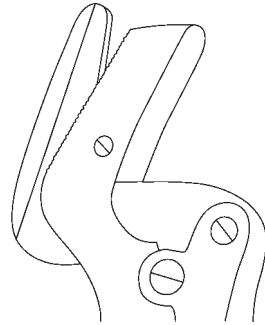


Mini-Stille
190-250-180
Plaster Cast Scissors
180mm, 7"

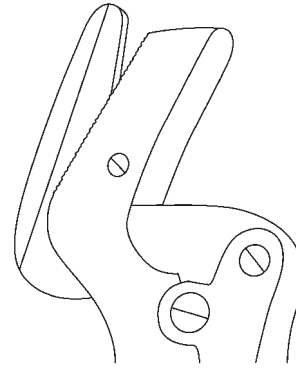


Stille
190-251-240
Plaster Cast Scissors
240mm, 9¹/₂"

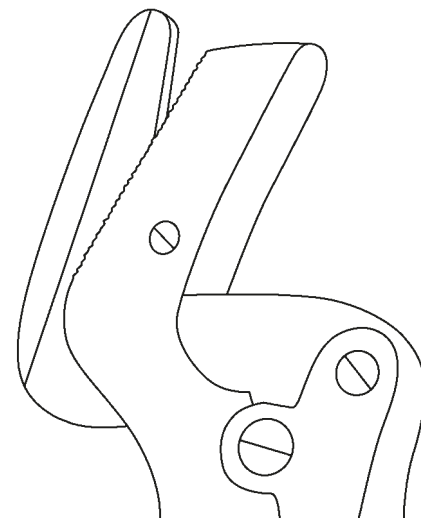
190-251-241
Spare Blade



190-250-230
230mm, 9"



190-250-260
260mm, 10¹/₄"



190-250-370
37cm, 14¹/₂ "



Stille
Plaster Cast Scissors



200-115-100
Plaster Saw, 230V

200-115-101
Plaster Saw, 110V



200-115-500
Carry case with foam inlay



Spare blades

	Plaster/Autopsy	Synthetic Cast	PTFE coated (non-stick)
Ø 45mm	200-115-145	200-116-145	—
Ø 50mm	200-115-150	200-116-150	200-117-150
Ø 65mm	200-115-165	200-116-165	200-117-165

Universal docking
system for all
saw blades



Easy and quick
change of
saw blades



6500 - 24000 oscillations
infinitely variable (Autopsy saw)
10000 - 19000 oscillations
infinitely variable (Plaster saw)



Complete Set includes Autopsy Saw, round saw blade Ø 65mm,
round Saw Blade Ø 50mm, pair of wrenches and hexagonal key.

Vacuum Cleaner for Plaster Saw

- 500 - 1200 Watt power, vacuum motor
- Continuous Power Output max. 1200 Watt, vacuum motor
- Max. Power Output 1450 Watt PT, vacuum motor
- HEPA-Filter 99,97% of all particles from 0,3 mikron on are filtered
- Automatic synchronized turn on/off cleaner and plaster saw
- Turning off plaster saw the cleaner shuts down 6-10sec. later to clean the hole system
- Robust construction for highest loading capacity by continuous operation
- Max. vacuum 2100 mm/H₂O, vacuum motor
- Max. vacuum 1900 mm/H₂O, vacuum machine
- Air flow motor 3200 L/min. in the machine, 2500 L/min. with all filters attached
- Elektronik power control vacuum motor min. 500 W – max. 1200 W
- Max. total power (system) 1600 Watt, controlled
- Very low noise level: 63 – 69 dB(A)
- Antistatic cleanertube
- Control lamp indicates full dust bag



200-118-100
Vacuum Cleaner 230V
200-118-101
Vacuum Cleaner 110V



Walton
190-522-230
Plaster Cast Spreader
Single Hand Model
230mm, 9"



Hennig
190-516-280
Plaster Spreader
280mm, 11"



Beeson
190-518-300
Plaster Spreader
300mm, 12"

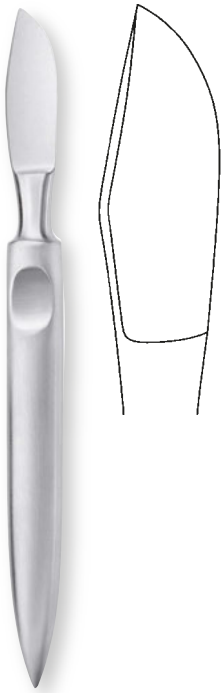


Hermann
190-517-480
Plaster Spreader
480mm, 19"

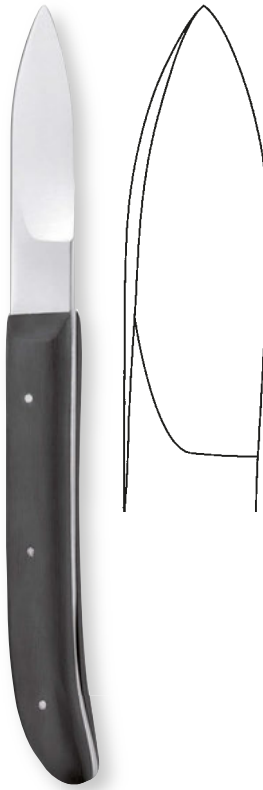


Wolff-Boehler
190-530-180
Plaster Cast Breaker
180mm, 7¹/₈"

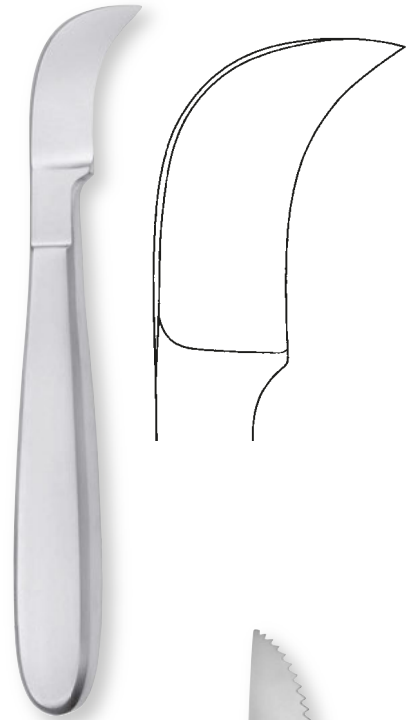
190-530-240
240mm, 9¹/₂"



Esmarch
190-510-180
Plaster Knife
180mm, 7¹/₈"



Hopkins
190-509-200
Plaster Knife
200mm, 8"



Reiner
190-511-180
Plaster Knife
185mm, 7¹/₂"



Engel
190-549-160
Plaster Saw
150mm, 6"



Bergmann
190-550-180
Plaster Cast Saw
180mm, 7"



Wigmore
190-548-190
Plaster Cast Saw
190mm, 7¹/₂"

[illegible]



SECTION

M

AMPUTATION



Collin
Amputating Knife

	Blade length
110-014-013	130mm, 5 ¹ / ₈ "
110-014-016	160mm, 6 ¹ / ₄ "
110-014-019	190mm, 7 ¹ / ₂ "
110-014-022	220mm, 8 ³ / ₄ "
110-014-028	280mm, 11"



Catlin
Amputating Knife
double cutting

	Blade length
110-018-016	160mm, 6 ¹ / ₄ "
110-018-019	190mm, 7 ¹ / ₂ "
110-018-022	220mm, 8 ³ / ₄ "



110-022-009
Phalangeal Knife
95mm blade length



110-024-011
Interosseous Knife
110mm, 4¹/₃"
working length



Langenbeck
Resection Knife
55mm blade length
180mm, 7"



110-026-055



110-028-055



Walb
Organ Knife
with wooden handles

	Blade length
110-050-110	110mm, 4 ¹ / ₂ "
110-050-140	140mm, 5 ¹ / ₂ "
110-050-170	170mm, 6 ³ / ₄ "



200-103-394
Spare Blade
4mm

200-103-396
Spare Blade
6mm

200-103-398
Spare Blade
8mm

Helferich-Bier
200-103-390
Amputation Saw
390mm, 15 1/2"



Charrière
200-112-270 270mm, 10 1/2"
200-112-300 300mm, 12"
Amputation Saw



Langenbeck
200-110-230
Metacarpal Saw
230mm, 9"



Satterlee
200-114-310
Amputation Saw
310mm, 12 1/3"



200-101-012
Spare Blade
12mm

200-101-015
Spare Blade
15mm

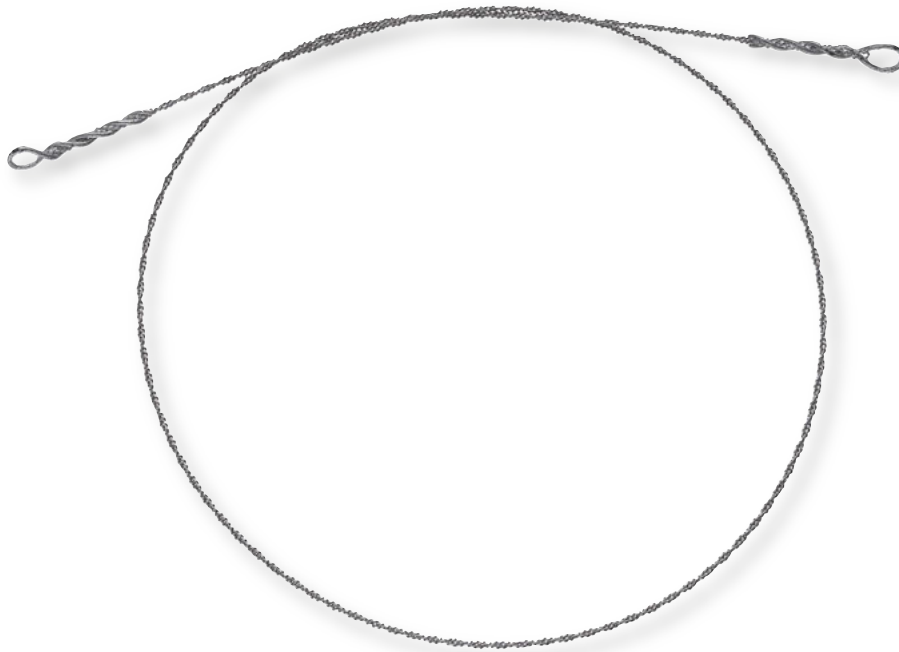
Charrière
200-101-350
Amputation Saw
350mm, 14"



200-118-312
Spare Blade
12mm

200-118-318
Spare Blade
18mm

Rust
200-118-390
Amputation Saw
390mm, 15¹/₃"



DeMartel
Saw Conductor

290-118-305	305mm, 12"
290-118-330	330mm, 13"
(not illustrated)	

Bailey
Saw Conductor, 305mm

290-118-300	curved
290-118-301	straight
(not illustrated)	



Olivecrona

Wire Saw, Ø 1.2mm

290-100-250	250mm, 10"
290-100-300	300mm, 12"
290-100-400	400mm, 16"
290-100-500	500mm, 20"
290-100-600	600mm, 23 ³ / ₄ "
290-100-700	700mm, 28"
290-100-760	760mm, 30"



Gigli

Wire Saw, Ø 1.4mm

290-101-300	300mm, 12"
290-101-400	400mm, 16"
290-101-500	500mm, 20"
290-101-600	600mm, 23 ³ / ₄ "
290-101-700	700mm, 28"



Gigli
290-102-000
Handle for Wire Saw
Set of 2 handles



Gigli
290-103-000
Handle with loop design
for wire saws

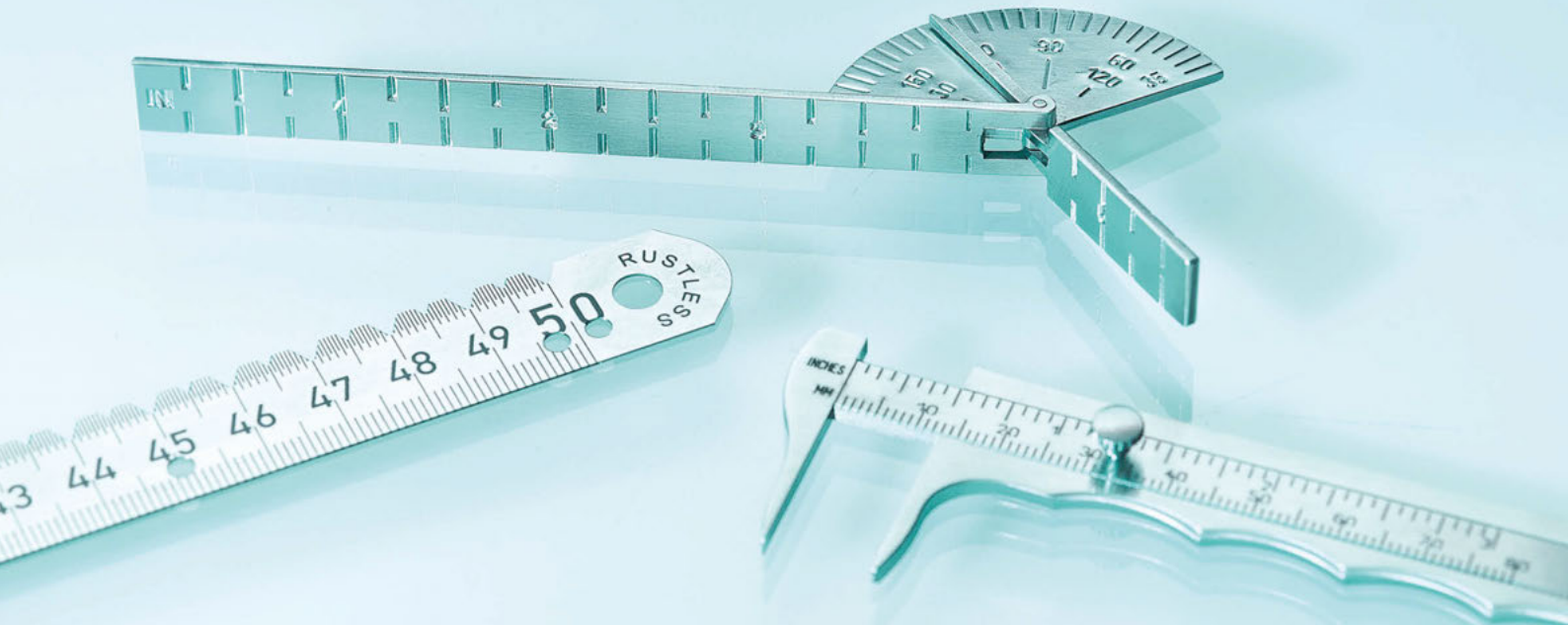


Percy
200-100-000
Retractor for amputation
with removable handles



Percy
200-100-001
Retractor for amputation
with stowable handle

This image shows a single sheet of white paper with horizontal blue ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.



SECTION

N

MEASURING
DEVICES



Ruler, with mm
and inch markings

Measuring range

100-418-150	150mm, 6"
100-418-200	200mm, 7 ³ / ₄ "
100-418-300	300mm, 12"
100-418-500	500mm, 19 ³ / ₄ "



100-422-150

Ruler with holes for Wires and Pins
measuring range: 150mm, 6"



100-425-150

Tape Measure
cm/inches, oil cloth
150cm, 59"



200-200-014
Depth Gauge
for 30mm screws
110mm, 4^{1/4}"



200-200-016
Depth Gauge
for 50mm screws
160mm, 6^{1/4}"



200-200-018
Depth Gauge
for 80mm screws
200mm, 7^{3/4}"



200-200-080
Depth Gauge
for 80mm screws
200mm, 7^{3/4}"



200-200-120
Depth Gauge
for 120mm screws
280mm, 11"



Castroviejo
400-583-007
Caliper,
measuring range 0 - 20 mm,
with locking screw
90mm



Castroviejo
400-583-008
Caliper,
measuring range 0 - 40 mm,
with locking screw
180mm



Carrol
100-150-000
Finger Goniometer
140mm, 5 1/2"



Moeltgen
100-412-000
Goniometer



Thorpe
400-420-100
Caliper, 0-80mm



Jameson
400-421-000
Caliper, 0-80mm



Townley
100-152-000
Caliper, 0-100 mm
100mm, 4"



Caspar
259-185-885
 Caliper for measuring bone craft
 scale in mm, max. 180mm,
 inside/outside measuring, faces & depth



211-550-235
 Neuro-Caliper
 150mm range

This image shows a single sheet of white paper with horizontal blue ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.



SECTION

0

PODIATRY



Nail Nipper, double spring
140mm, 5 1/2"



510-210-140
Concave jaws



510-212-140
Straight jaws



510-215-140
Nail Nipper, angled concave
jaws, double spring
140mm, 5 1/2"



510-337-160
Mycotic Nail Nipper, straight,
heavy duty jaw, double action
160mm, 6 1/4"



510-338-150
Mycotic Nail Nipper concave, heavy duty
jaw with double action Handle
150mm, 6"



510-200-115
Nail Nipper, concave jaws, single spring
115mm, 4 1/2"

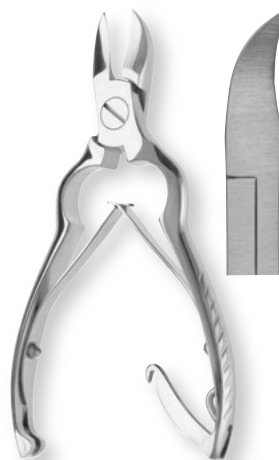


Nail Nipper

510-224-140	Straight jaws, double spring	100mm, 4"
510-225-140	Straight Jaws, double spring	110mm, 4 ¹ / ₂ "
510-225-142	Delicate straight jaws, double spring	110mm, 4 ¹ / ₂ "
510-226-140	Straight jaws, double spring	130mm, 5"
510-226-142	Straight jaws, extra narrow, double spring	130mm, 5"
510-227-140	Straight jaws, double spring	150mm, 6"



510-347-130
Nail Nipper
130mm, 5"



510-205-115
Nail Nipper, concave jaws
115mm, 4¹/₂"



510-332-150
Nail Nipper concave,
spring Handle, with lock
150mm, 6"



510-250-110
Cuticle and Tissue Nipper,
convex jaws
110mm, 4 1/2"



510-245-100
Cuticle and Tissue Nipper,
convex jaws
100mm, 4"



510-220-100
Cuticle and Tissue Nipper,
straight jaws, ring Handles
100mm, 4"

510-251-130
130mm, 5"



Radolf
510-463-140
Nail Extraction Forceps, narrow jaws
140mm, 5 1/2"



Radolf
510-462-130
Nail Extraction Forceps
135mm, 5 3/8"



510-464-140
Nail Extraction Forceps,
duck jaws
140mm, 5 1/2"



510-334-140
Nail Splitting Forceps
135mm, 5^{3/8}"



210-976-000
Spare Blade

210-975-170
Finger Ring Saw
with replaceable circular blade



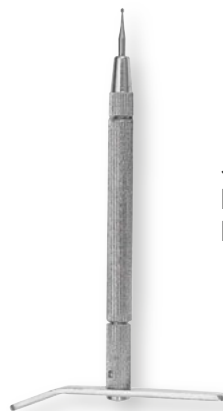
510-425-090
Nail Scissors, curved
90mm, 3^{1/2}"



Scalpel Mini Blade,
Package of 25 pcs.,
sterile

- ❶ 510-110-131
- ❷ 510-110-132

510-110-130
Blade Handle,
round blade socket
130mm, 5"



510-460-000
Finger Nail Drill complete
with 3 Drill points



510-460-001
Finger Nail Drill only
Fig. 1



510-460-002
Finger Nail Drill only
Fig. 2



510-460-003
Finger Nail Drill only
Fig. 3



Frost
503-011-000
Elevator
130mm, 5"



503-013-000
Spatula-Packer, double-ended
135mm, 5¹/₄"



Unna
230-230-140
Comedo, oval
140mm, 5³/₄"



Unna
230-232-140
Comedo, round
140mm, 5³/₄"



Saalfeld
230-239-100
Comedo
100mm, 4"



Saalfeld
230-236-140
Comedo
140mm, 5³/₄"



Schamberg
230-238-100
Comedo Extractors
100mm, 4"



Walton
230-240-140
Comedo Extractors
140mm, 5³/₄"



230-151-140
Ø 3mm



230-152-140
Ø 4mm



230-153-140
Ø 5mm



230-154-140
Ø 6mm

Fox
Lupus Curette, round
140mm, 5¹/₂"



Piffard
Lupus Curette



230-155-001
Fig.1



230-155-002
Fig.2



230-155-003
Fig.3



230-160-002
Ø 2mm



230-160-003
Ø 3mm



230-160-004
Ø 4mm



230-160-005
Ø 5mm



230-160-006
Ø 6mm



230-160-007
Ø 7mm



230-160-008
Ø 8mm



Keyes
Dermal Punch
120mm, 4³/₄"



Keyes
230-160-000
Dermal Punch Set

[illegible]



SECTION

P

WIRE
INSTRUMENTATION



180-501-150
TC Wire Twisting Forceps
150mm, 6"



Berry
180-309-180
TC Heavy Sternal
Needle Holder with drill
180mm, 7"



Berry
TC Heavy Sternal Needle Holder



180-307-150
150mm, 6"



180-308-150
150mm, 6"



180-307-180
180mm, 7"



180-308-180
180mm, 7"



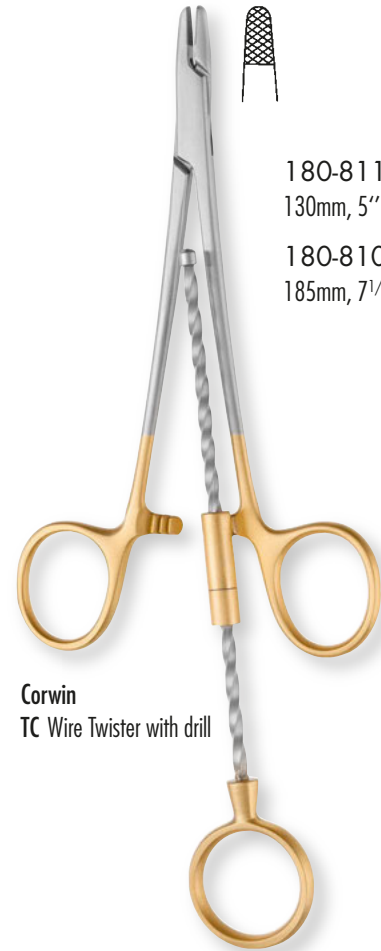
180-307-200
200mm, 8"



180-308-200
200mm, 8"



180-569-130
TC Wire Holding Clamp
Straight, round jaws
130mm, 5"



Corwin
TC Wire Twister with drill

180-811-130
130mm, 5"

180-810-185
185mm, 7¹/₄"



180-569-180
TC Wire Holding Clamp/Sternum
Needle Holder
180mm, 7"



200-515-140
Wire Holding Forceps
with serrated jaw
140mm, 5¹/₂"



180-507-140
Flat Nose Plier, distal jaws,
smooth
140mm, 5¹/₂"



180-504-140
Flat Nose Plier, with pin
smooth
140mm, 5¹/₂"



180-508-140
Flat Nose Plier, square jaws,
smooth
140mm, 5¹/₂"



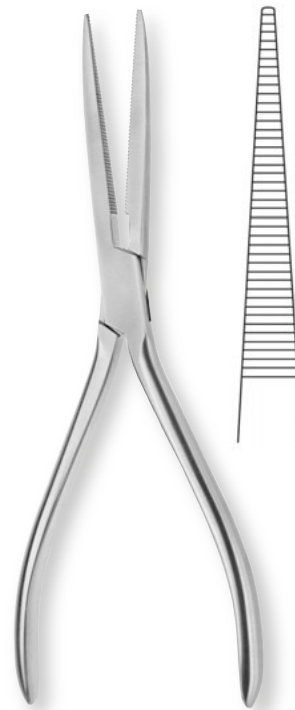
180-511-140
Flat Nose Plier, serrated jaws
140mm, 5¹/₂"



180-515-160
Flat Nose Pliers, delicate long
jaws, 2mm wide tip
160mm, 6"



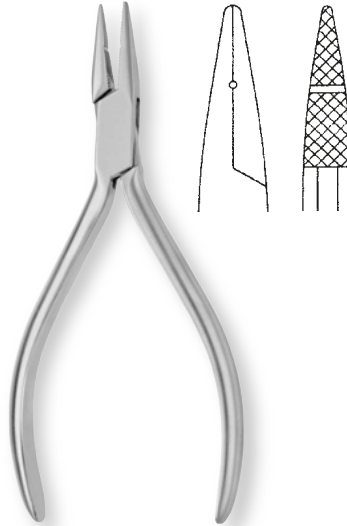
180-500-180
Flat Nose Plier, sharp
195mm, 7³/₄"



180-513-170
Long Jaw Needle Nose Plier
with parallel serrated jaws
178mm, 7"



180-513-190
Narrow Nose Wire Pulling Forceps
with 3mm jaws
190mm, 7¹/₂"



200-518-140
Needle Nose Plier for 1mm
cerclage Wire with groove
140mm, 5¹/₂"



200-518-160
Flat Nose Plier with groove
160mm, 6¹/₄"



Wire Extraction Forceps
with longitudinal and
transversal grooves
170mm, 6³/₄"



180-500-170



180-501-170



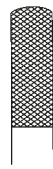
Flat Nose Plier TC
180mm, 7"



200-511-001
Fig. 1



200-511-002
Fig. 2



200-511-003
Fig. 3



Wire extraction Plier



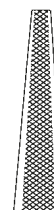
200-514-145
145mm, 5³/₄"



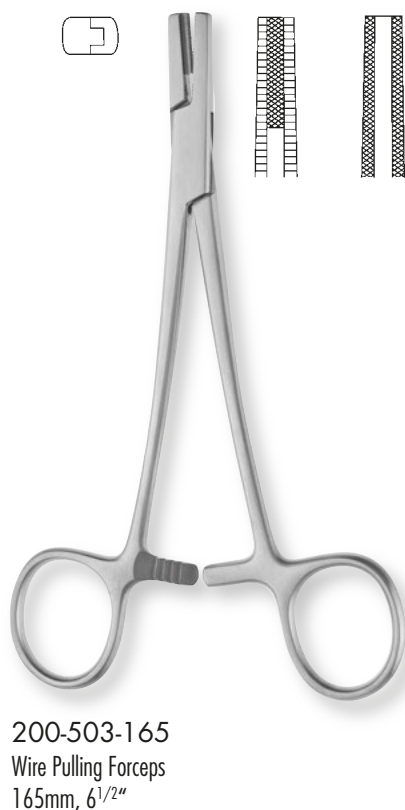
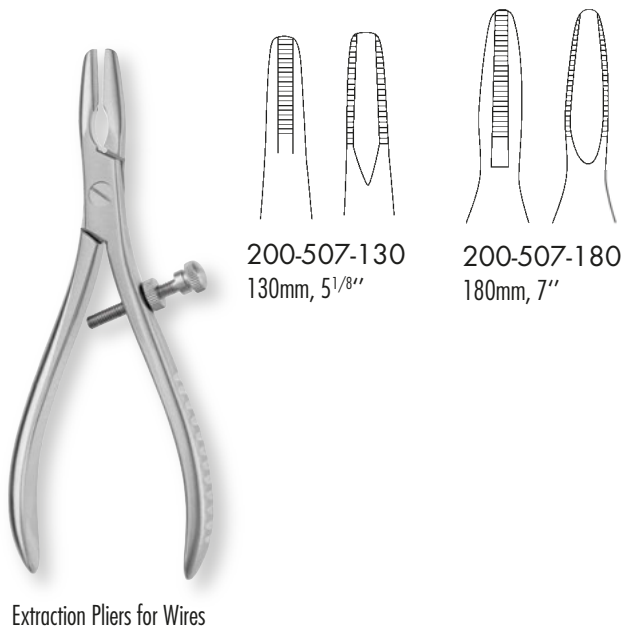
180-507-180
180mm, 7"



200-514-180
180mm, 7"



200-519-180
Round Pliers
180mm, 7"





180-510-140
Flat Nose Pliers with
2mm tapered tip
140mm, 5 1/2"



180-512-140
Pin Pulling Forceps
with 1 TC insert
140mm, 5 1/2"



Langenbeck
180-634-140
Round Pliers
smooth, round jaw
140mm, 5 1/2"



Waldsachs
180-790-150
Universal Pliers
155mm, 6"



180-501-190
Multi purpose Plier, TC
190mm, 7 1/2"



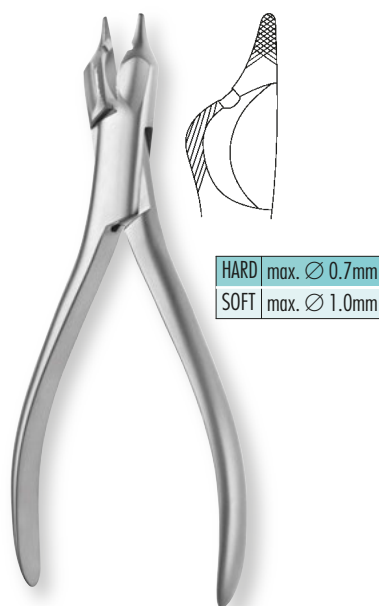
Peeso
180-843-135
Wire Bending Pliers
135mm, 5¹/₄"



Jarabac
180-626-140
Wire Bending Pliers
140mm, 5¹/₂"



180-512-160
Wire Twister/Tightener
160mm, 6¹/₄"



200-514-150
Wire Cutting Forceps
150mm, 6"



200-513-125
Mini Plate Bending Plier
for 1.5 and 2.0mm plates
125mm, 5"



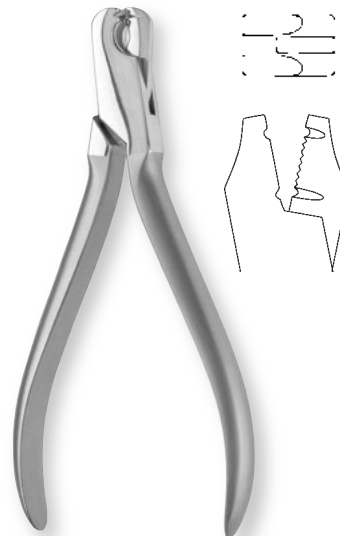
200-204-150
Wire and pin bender
up to 3.2mm
150mm, 6"



200-622-000
K-Wire Applicator
for K-Wire $\varnothing$ 0.8 - 1.6mm



Steinmann
Pin Extractor for nails
up to 3.2mm
200-512-140
140mm, 5^{1/2}"



200-416-140
K-Wire and Plate bending Forceps
for mini plates up to 1.6mm,
90°- bending for K-Wires
140mm, 5^{1/2}"

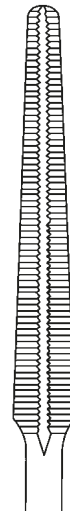


Extraction Mallet
210-400-350
for small and medium models
400gr. 350mm, 13³/₄"

210-700-350 for large models
700gr. 400mm, 15³/₄"



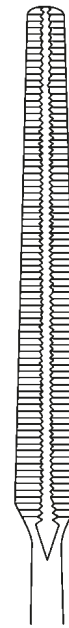
Needle Nosed Locking Pliers



200-515-220
regular model

200-515-221
model for extraction mallet

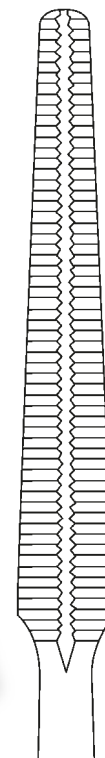
220mm, 8³/₄"
small



200-515-250
regular model

200-515-251
model for extraction mallet

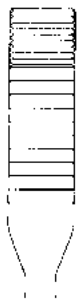
250mm, 10"
medium



200-515-300
regular model

200-515-301
model for extraction mallet

300mm, 11³/₄"
large



200-511-180
regular model

200-511-181
model for extraction mallet

180mm, 7¹/₈"
7mm
small



200-511-200
regular model

200-511-201
model for extraction mallet

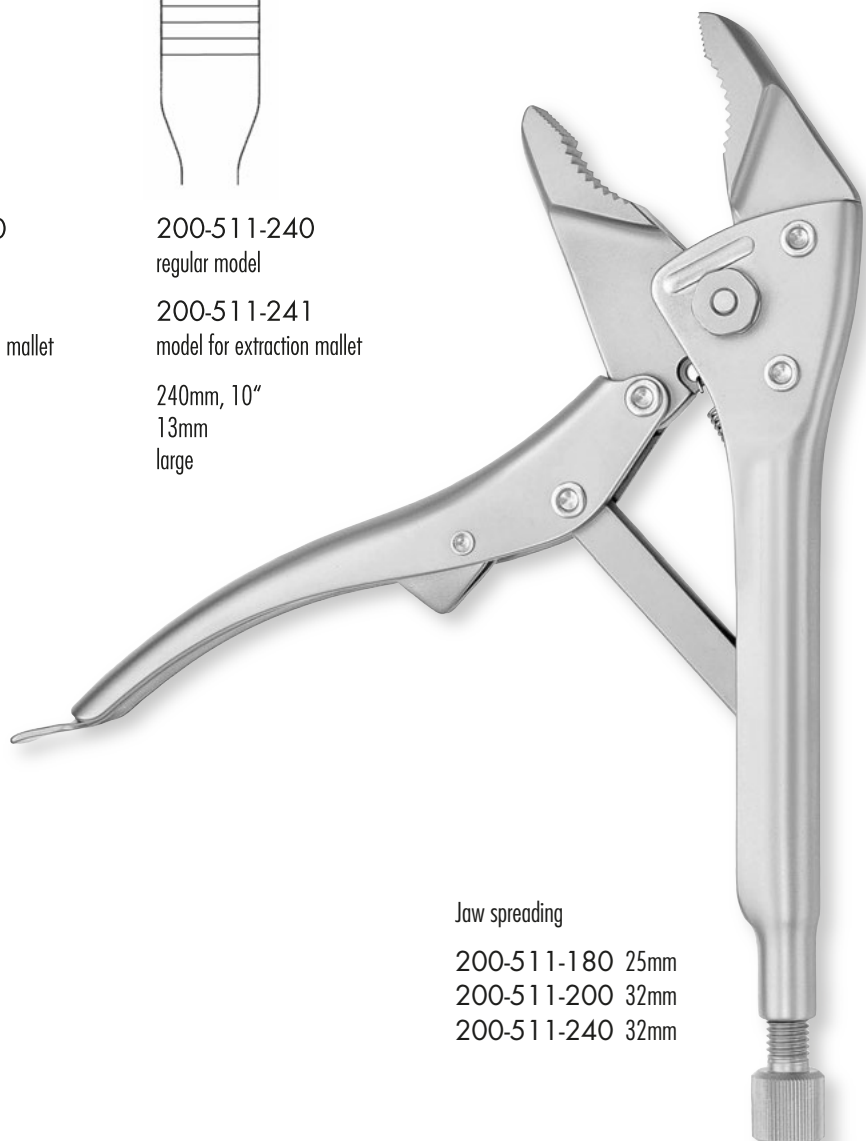
200mm, 8"
9mm
medium



200-511-240
regular model

200-511-241
model for extraction mallet

240mm, 10"
13mm
large



Jaw spreading

200-511-180 25mm

200-511-200 32mm

200-511-240 32mm

Universal
Locking Plier



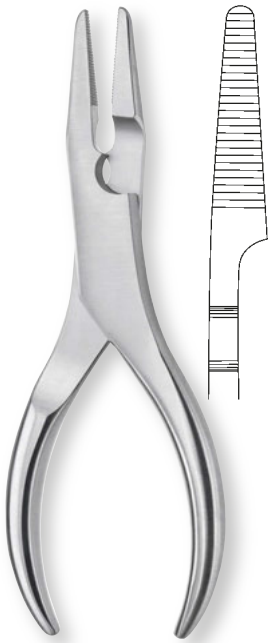
180-502-200
Universal Wire Sizing Forceps,
max. opening: 50mm / 2"
200mm, 8"



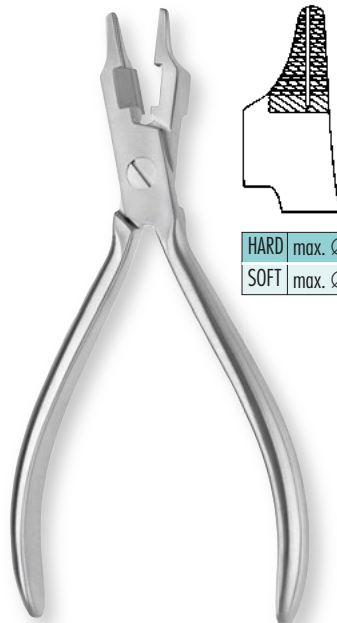
200-513-185
Wire Gripper, Parallel Closure
185mm, 7 1/4"



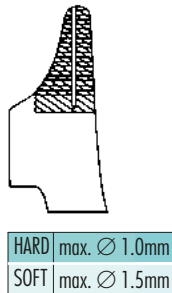
200-512-185
Combined Wire Cutter
and Gripper
180mm, 8"



180-535-160
Flat Nose Pliers with
3.5mm jaw
160mm, 6¹/₂"

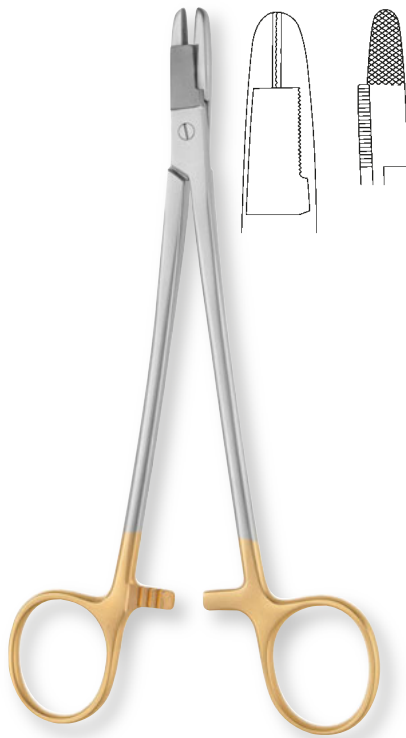


Universal
200-513-150
Wire Cutting and
Bending Forceps
150mm, 6"



200-550-200
Bending Plier "Alpha-Plate"
8" for plates up to 1.6mm
200mm, 8"

200-550-240
Bending Plier "Alpha-Plate"
9³/₄" for plates up to 3.0mm
240mm, 9¹/₂"



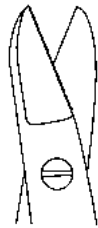
Koppelman
180-572-185
Wire Twister and Scissors
185mm, 7¹/₄"



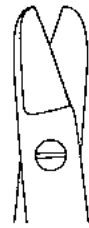
Lineman
200-516-220
Plier with cutting edge
220mm, 8¹/₂"



Crown & Collar Scissors
100mm, 4 1/8"



120-296-100
Straight, sharp,
serrated



120-300-100
Straight, blunt,
serrated,



120-294-100
Straight, sharp



120-298-100
Straight, blunt



120-297-100
Curved, sharp,
serrated



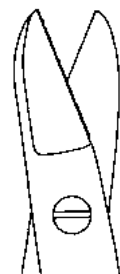
120-301-100
Curved, blunt,
serrated



120-295-100
Curved, sharp



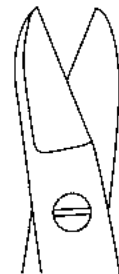
120-299-100
Curved, blunt



120-296-120
Straight, sharp,
serrated



120-300-120
Straight, blunt,
serrated



120-294-120
Straight, sharp



120-298-120
Straight, blunt



120-297-120
Curved, sharp,
serrated



120-301-120
Curved, blunt,
serrated



120-295-120
Curved, sharp



120-299-120
Curved, blunt



Crown & Collar Scissors
120mm, 5"



120-596-120
TC Wire Scissors
120mm, 4^{3/4}"



Harvey
120-262-125
Wire Cutting Scissors, serrated
125mm, 5"

HARD	max. Ø 0.3mm
SOFT	max. Ø 0.4mm



Smith
TC Wire Cutting Scissors,
serrated
120-570-160 straight
120-571-160 curved
160mm, 6^{1/4}"



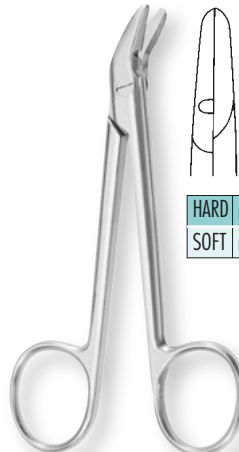
Schuknecht
120-120-100
Wire Scissors, straight,
short blade
100mm, 4^{1/8}"



200-500-110
TC Wire Cutter, for wires up to 0.7mm
110mm, 4^{1/3}"

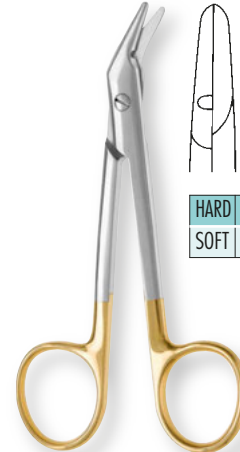


Universal
TC Wire & Plate Shear
120-565-170
170mm, 6^{3/4}"



HARD	max. $\varnothing$ 0.8mm
SOFT	max. $\varnothing$ 1.2mm

120-265-120
Universal Wire and Bandage Scissors,
serrated
120mm, 5"



HARD	max. $\varnothing$ 0.8mm
SOFT	max. $\varnothing$ 1.2mm

120-565-120
TC Universal Wire & plate Scissors
120mm, 5"



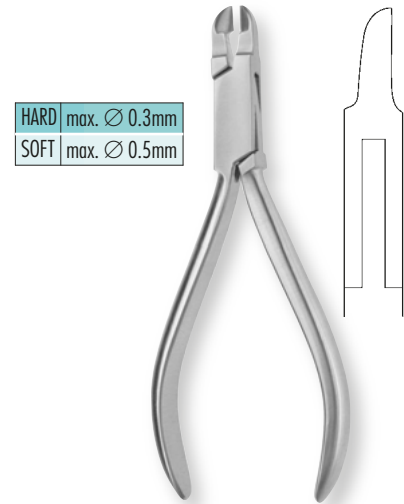
HARD	max. $\varnothing$ 1.0mm
SOFT	max. $\varnothing$ 1.5mm

180-513-530
TC Wire Cutter
150mm, 6"



HARD	max. $\varnothing$ 0.6mm
SOFT	max. $\varnothing$ 1.0mm

200-500-120
TC Wire Cutter
120mm, 5"



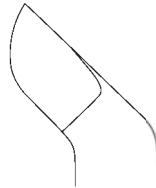
HARD	max. $\varnothing$ 0.3mm
SOFT	max. $\varnothing$ 0.5mm

Angle
180-513-130
Wire Cutter
130mm, 5^{1/8}"



200-500-160
180mm, 7¹/₈"

HARD	max. Ø 1.6mm
SOFT	max. Ø 2.0mm



200-500-220
220mm, 8³/₄"

HARD	max. Ø 1.8mm
SOFT	max. Ø 2.2mm



HARD	max. Ø 2.2mm
SOFT	max. Ø 3.0mm

200-501-235
TC Wire Cutter
45° angled jaws
235mm, 9¹/₄"



HARD	max. Ø 2.2mm
SOFT	max. Ø 3.0mm



ergonomic handle

200-504-235
TC Wire Cutter
45° angled jaws
235mm, 9¹/₄"



HARD	max. Ø 2.2mm
SOFT	max. Ø 3.0mm

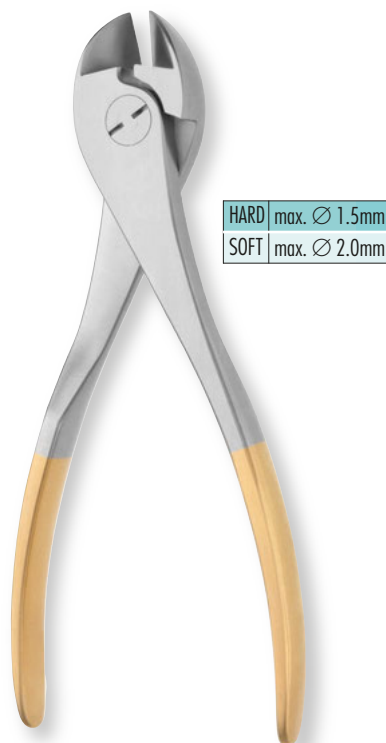
200-503-235
TC Wire Cutting Plier
Cutting edge angled, 12°
235mm, 9¹/₄"



200-506-220
TC Front Wire Cutter
220mm, 8³/₄"



200-510-150
TC Front and Lateral Wire Cutter
150mm, 5³/₄"



200-502-180
TC Wire Cutter
180mm, 7"



200-504-180
Wire Cutter
180mm, 7"



HARD	max. Ø 0.7mm
SOFT	max. Ø 1.0mm

200-510-145
TC Wire Cutter
145mm, 5^{3/4}"



HARD	max. Ø 1.6mm
SOFT	max. Ø 2.0mm

200-510-160
Diamant Head-Wire
Cutter, front action
160mm, 6^{1/4}"



HARD	max. Ø 1.6mm
SOFT	max. Ø 2.4mm

200-502-185
Head Cutter, cannulated
185mm, 7^{1/4}"



HARD	max. Ø 2.2mm
SOFT	max. Ø 2.8mm



200-502-200
TC "Easy Cut" Wire Cutter
200mm, 8"



Wires up to $\varnothing$ 3.0mm



Exchangeable TC blades
and rubber jaws

200-500-230
TC Wire Cutter
exchangeable TC blades
and rubber jaws
230mm, 9"



200-502-998
Rubber jaws spare set



200-502-997
TC Blades spare set



Wires up to $\varnothing$ 4.0mm

200-502-280
TC Wire Cutter
exchangeable TC blades
and rubber jaws
280mm, 11"

Wires up to $\varnothing$ 2.2mm

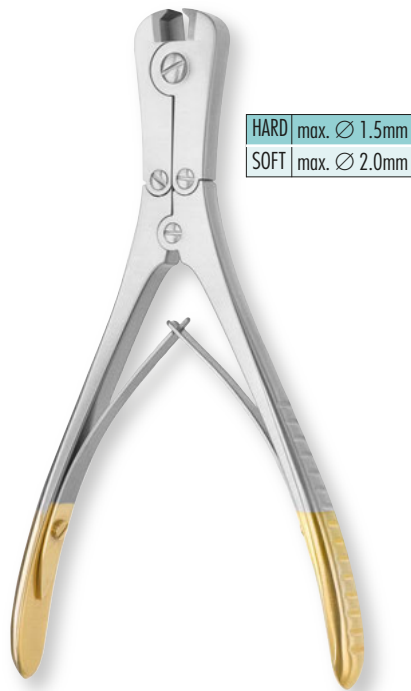


200-505-180
TC Wire Cutter
for right hander
exchangeable TC blades
and rubber jaws
180mm, 7"

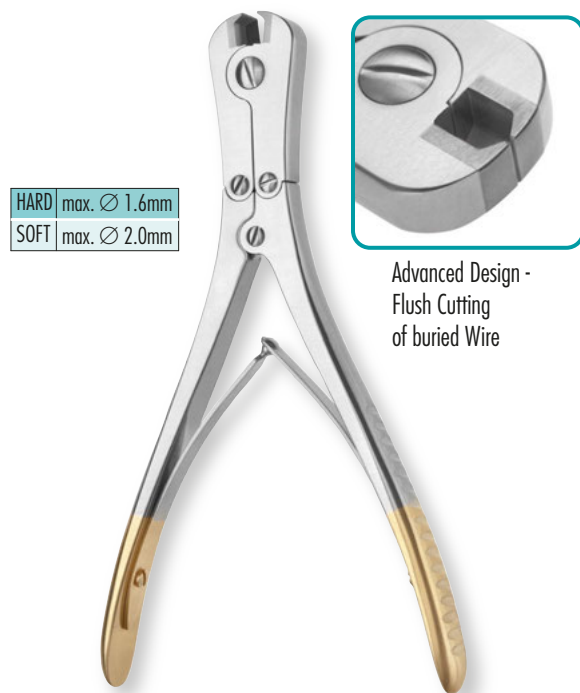
Wires up to $\varnothing$ 1.6mm



200-509-180
TC Front and Side Cutter
exchangeable TC blades
with integrated rubber jaws
180mm, 7"



200-506-180
TC Front and Lateral Cutting Plier
180mm, 7 "



200-508-180
TC Flush Wire Cutter
180mm, 7 "



200-522-240
TC Wire Cutter, double action
240mm, 9¹/₂"



UP TO Ø 6.0mm

200-500-600
Pin Cutter Titanium,
titanium handles,
hardened Cutting edges
540mm, 21¹/₄"



200-500-585
Pin Cutter for 6.35 mm Steinmann Pins
with detachable handles
575mm, 22^{1/2}"

UP TO Ø 6.3mm



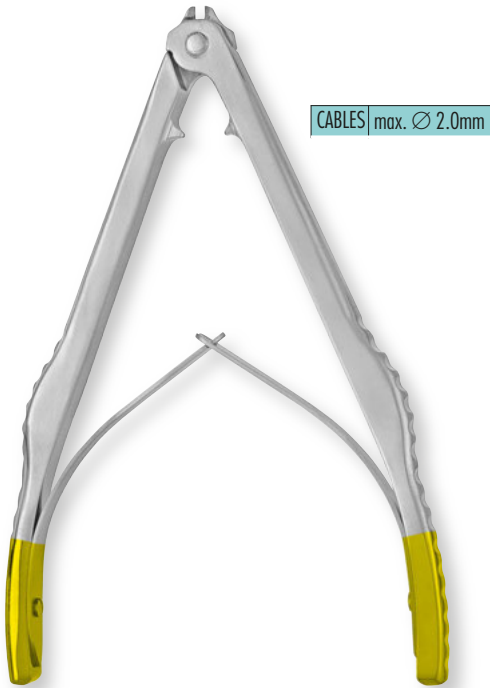
200-500-470
TC Pin Cutter for K-Wires up to 5mm
470mm, 18^{1/2}"



200-500-380
TC Front Cutter
380mm, 15"



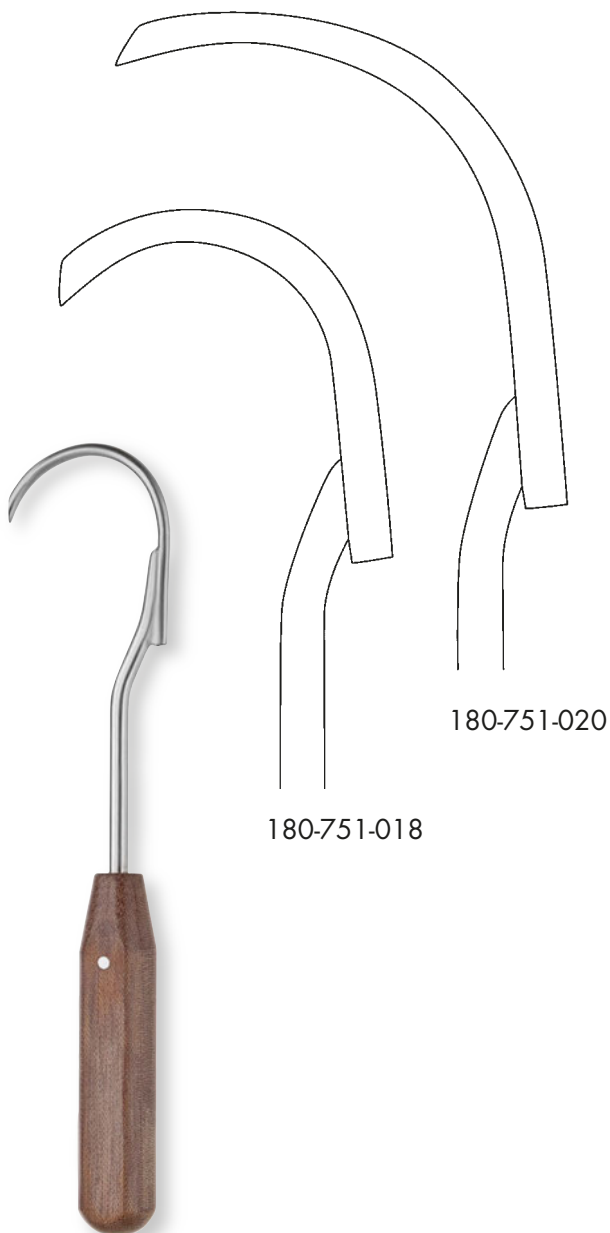
200-500-540
TC Pin Cutter
540mm, 21¹/₃"



Harms
200-455-180
TC Vertebral Cutting Forceps
180mm, 7"



200-509-320
Wire Cutter K-Wires up to 3mm
320mm, 12^{3/4}"



Wire Guide Instrument,
with ferrozell handle
210mm, 8^{1/4}"

180-751-020

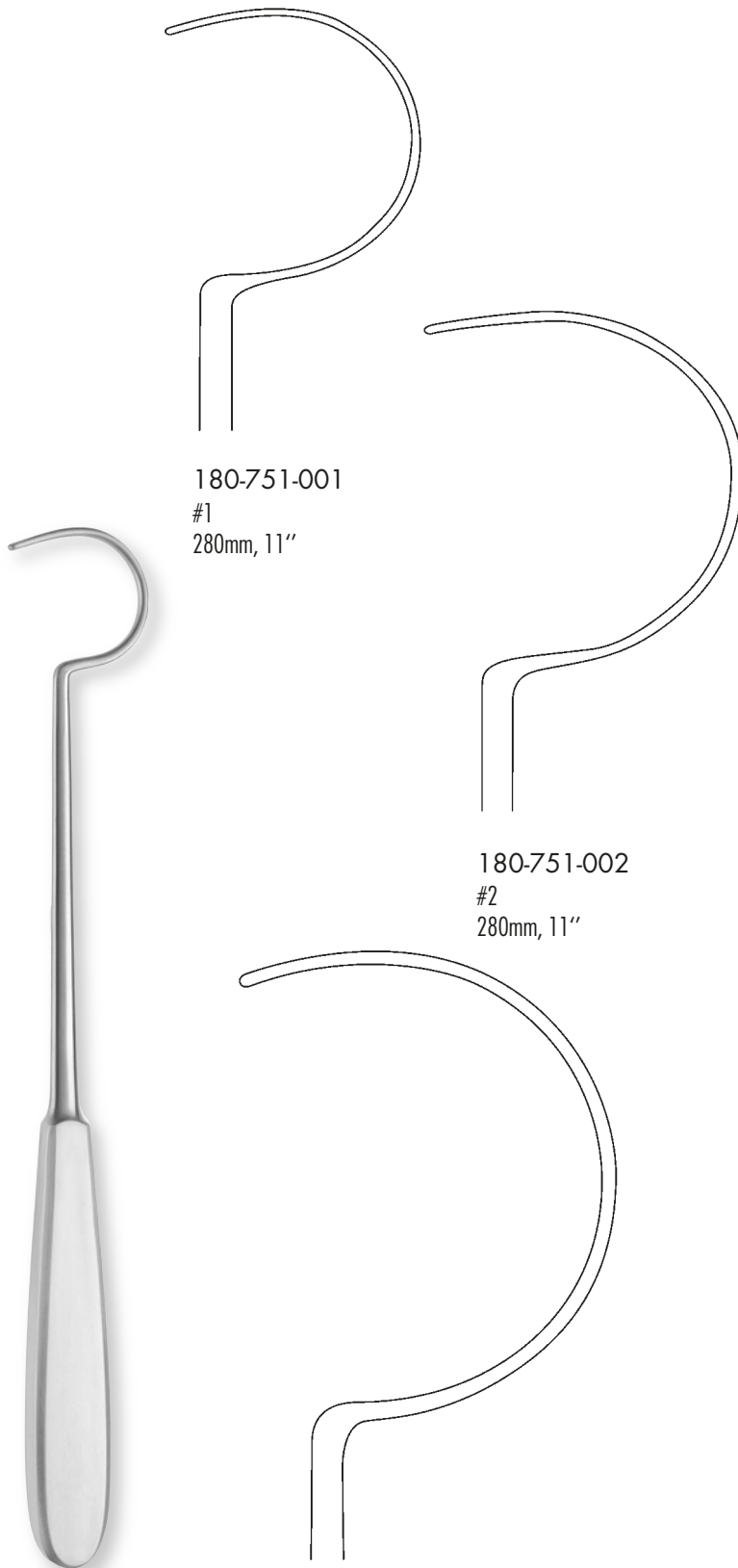
180-751-018



180-751-014
240mm, 9^{1/2}"

180-751-016
270mm, 10^{3/4}"

Bone Wire Guide,
hollow and sharp



180-751-001
#1
280mm, 11"

180-751-002
#2
280mm, 11"

180-751-003
#3
305mm, 12"

Demel
Bone Wire Guide



Kronecker
180-751-150
Ligature Needle
left angled
150mm, 6"

Kronecker
180-752-150
Ligature Needle
right angled
150mm, 6"



Weinraub
250-974-180
Lamina Spreader,
with drill guide and ratchet
180mm, 7"



200-518-150
Bone Holding Forceps
with guide for K-Wire 1.8mm
150mm, 6"



Bone Holding Forceps
with guide for K-Wire
145mm, 5^{3/4}"

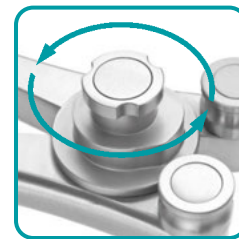
- 200-511-145
Ø 1.1mm
- 200-513-145
Ø 1.3mm
- 200-516-145
Ø 1.6mm



200-532-200
Bar Bending Plier,
for bar/Wire $\varnothing$ 3-4 mm
160mm, 6¹/₄"



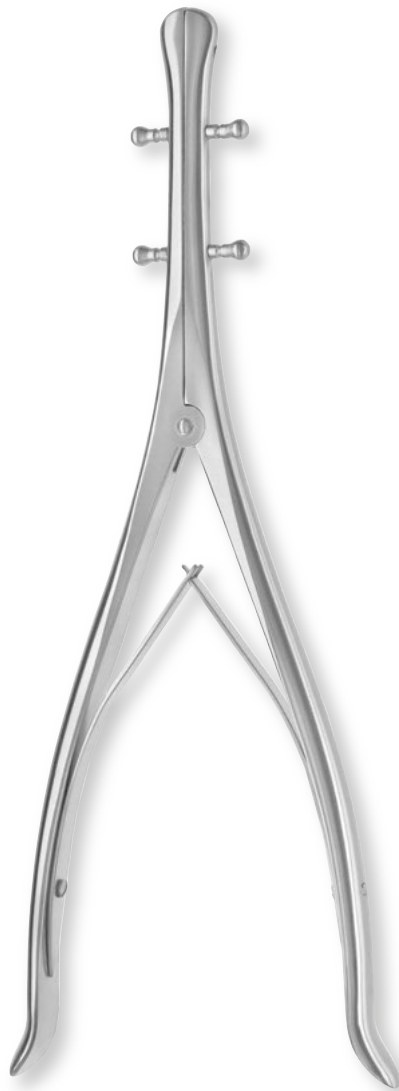
Lepine
200-675-285
Rod Bender, adjustable,
for rods up to 7mm diameter
285mm, 11"



Multiple Diameter
adjustable



200-580-250
Wire Tightener, with
double wing nut
250mm, 10"



Demel
200-755-270
Wire Tightening- and
Twisting Forceps
270mm, 10²/₃"



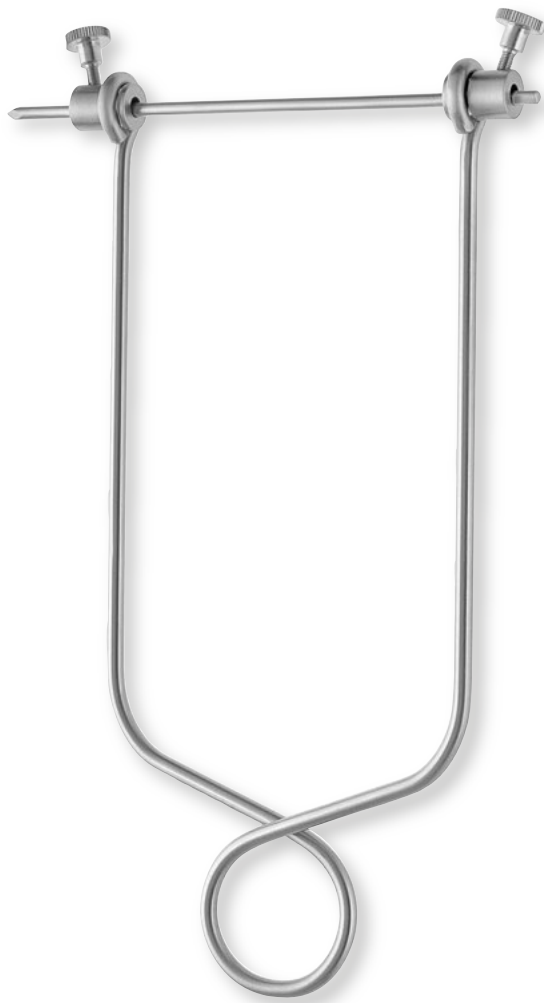
Louie
200-513-210
Bone Wire Tightner
210mm, 8¹/₄"



200-610-260
Wire Tightening Forceps
with interchangeable head
260mm - 10¹/₄"



201-426-000
Screw Removal Forceps
200mm, 8"



Boehler
Extension Bow
for 3.5 - 5.0mm Steinmann Pins

200-552-160
for arm
with Steinmann pin
90mm x 160mm, 3¹/₂" - 6¹/₄"

200-552-210
for knee and femur
with Steinmann pin
110mm x 210mm, 4³/₈" - 8¹/₄"

200-552-250
for thigh
with Steinmann pin
150mm x 210mm, 6" - 8¹/₄"

200-550-160
without Steinmann pin

200-550-210
without Steinmann pin

200-550-250
without Steinmann pin

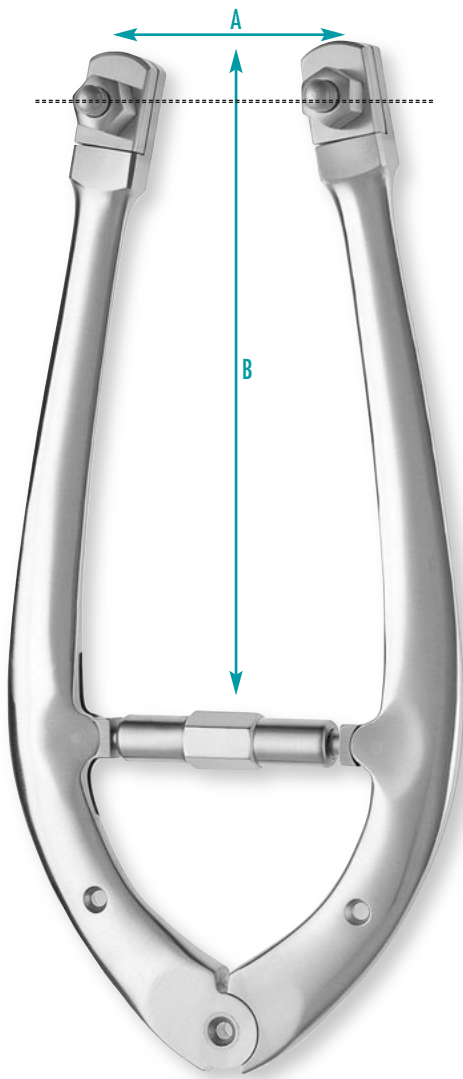


Kirschner Extension Bows

200-555-180
180mm, 7"
max. opening: medium

200-555-220
260mm, 10¹/₂"
max. opening: large

200-555-300
260mm, 10¹/₂"
max. opening: Extra large



200-601-140

small pattern

A 40mm - 140mm, 1^{3/4}" - 5^{1/8}"

B 100mm, 4"

200-601-220

large pattern

A 70mm - 190mm, 2^{3/4}" - 7^{1/2}"

B 160mm, 6^{1/4}"

Kirschner
Extension Box
Complete with 3 traction hooks

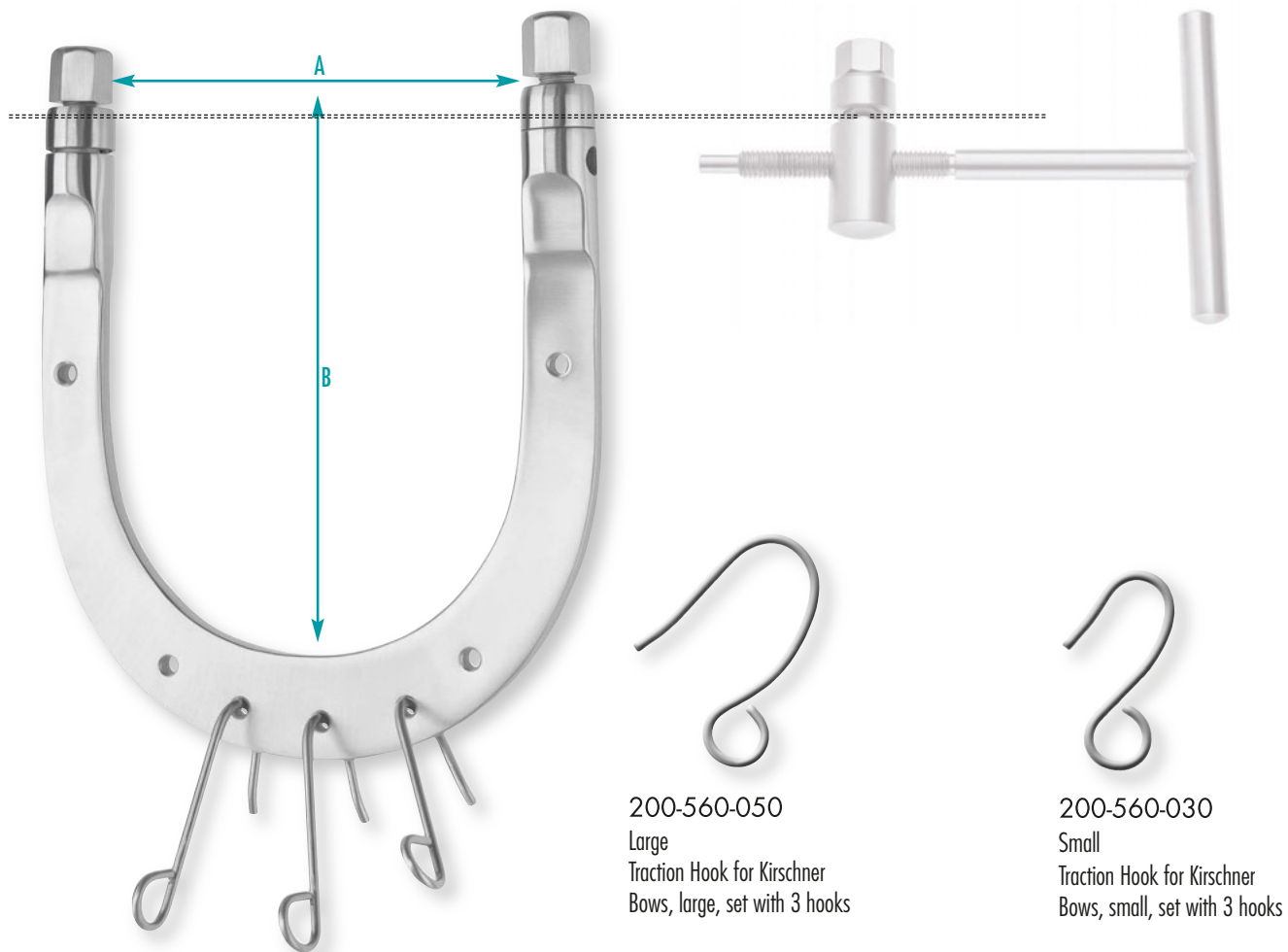


Wire Finger Grip

215-000-001 small

215-000-002 medium

215-000-003 large



Kirschner
Extension Bows for Knee
Complete with 3 traction hooks

200-560-200
for hip
A 200mm, 8"
B 155mm, 6¹/₈"

200-560-155
for femur
A 155mm, 6¹/₈"
B 155mm, 6¹/₈"

200-560-135
for knee
A 135mm, 5³/₈"
B 130mm, 5¹/₈"

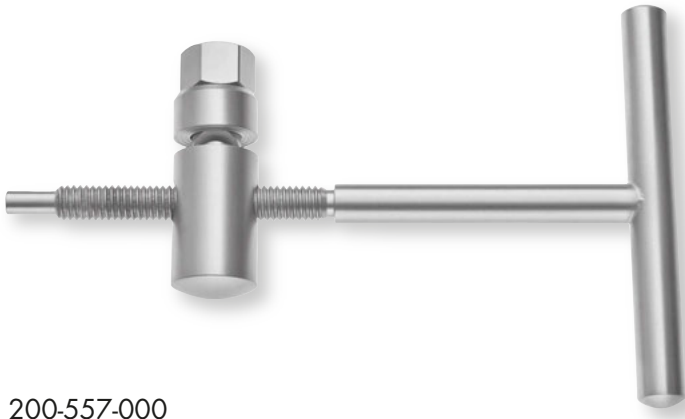
200-560-120
for knee
A 120mm, 4³/₄"
B 120mm, 4³/₄"

200-560-105
for knee
A 105mm, 4¹/₄"
B 100mm, 4"

200-560-095
for heel
A 95mm, 3³/₄"
B 110mm, 4³/₈"

200-560-070
for arm
A 95mm, 3³/₄"
B 70mm, 2³/₄"

200-560-060
for elbow
A 60mm, 2³/₈"
B 50mm, 2"



200-557-000
Wire Strainer for Kirschner Extension Bow



200-558-000
Screw Nut Wrench

This image shows a single page of white paper with horizontal blue lines. The lines are evenly spaced and run across the width of the page, typical of notebook or ledger paper. There are no margins, text, or other markings on the page.



SECTION

Q

DRILLS
SAWS AND
AWLS



200-124-140
Awl with T-Handle
150mm, 6"



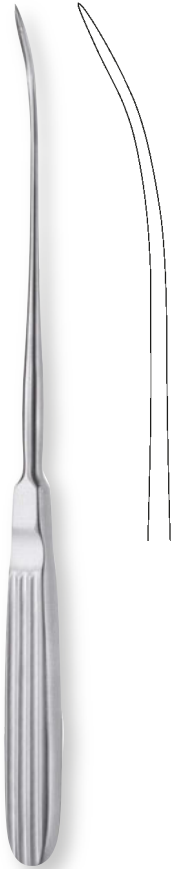
Perthes
200-122-210
Reamer, square
220mm, 8^{3/4}"



200-120-140
Reamer, Ø 2.5 - 3.5mm
160mm, 6^{3/4}"



Perthes
200-160-210
Bone Drill
210mm, 8^{1/4}"



Obwegeser
430-500-230
Awl
230mm, 9"



Obwegeser
430-504-180
Awl
180mm, 7"



Brunner
200-124-230
Awl, malleable
230mm, 9"



Brunner
200-122-300
Awl, curved
300mm, 12"



Stille
200-144-200
complete with 4
drills and burrs
Ø 2.5 - 4.0mm



Stille-Sherman
200-140-240
complete with 3 drills
Ø 2.5 - 3.5mm

200-140-200
Brace only



Twist drills	Ø	length
200-145-010	1.0mm	56mm
200-145-015	1.5mm	61mm
200-145-020	2.0mm	66mm
200-145-025	2.5mm	81mm
200-145-030	3.0mm	81mm
200-145-035	3.5mm	86mm
200-145-040	4.0mm	86mm

1



2



1 Burrs	Ø	length
200-145-050	5.0mm	60mm
200-145-080	8.0mm	60mm
200-145-120	12.0mm	60mm
200-145-160	16.0mm	60mm
2 Trephine		
200-145-100	10.0mm	60mm



	Ø	length
200-156-002	3.2mm	70mm
200-156-003	3.2mm	90mm

Moore
 200-156-280
 complete with
 2 twist drills 200-156-002
 1 twist drill 200-156-003

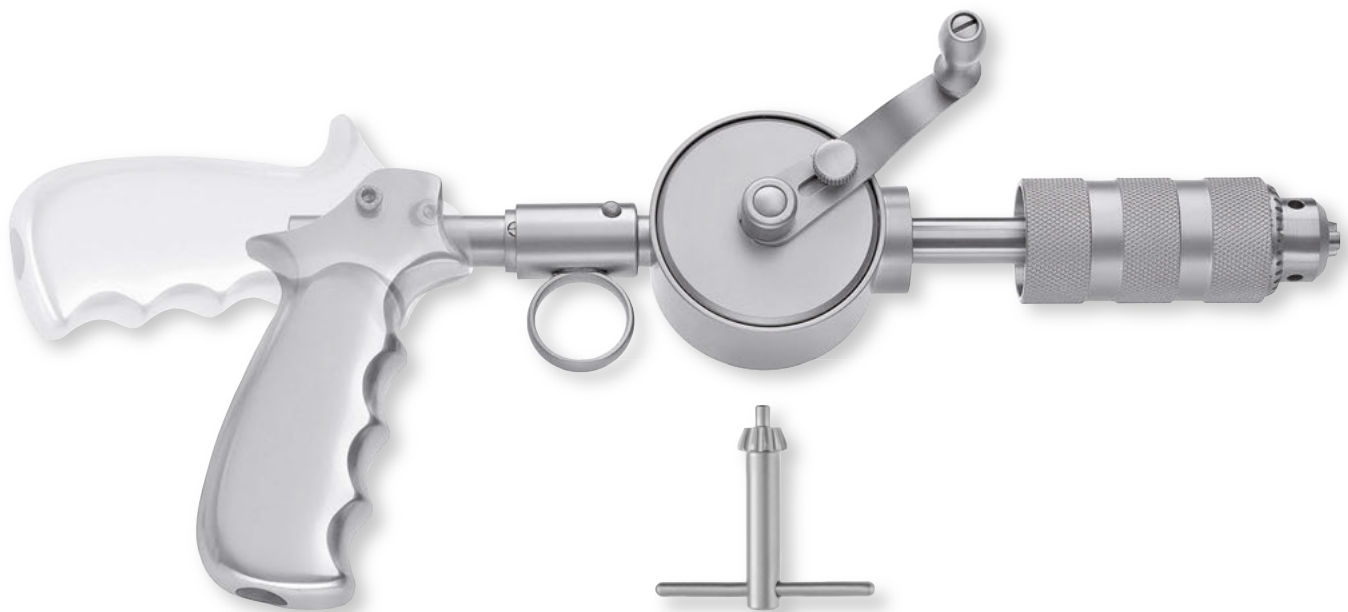
200-156-200
 Brace only



Bunnell
200-154-160
max. shanks $\varnothing$: 4.0 mm
160mm, 6¹/₄"



Bunnell
200-154-162
Key only



Bunnell
200-158-000
Hand drill with adjustable handle
with Jacobs chuck



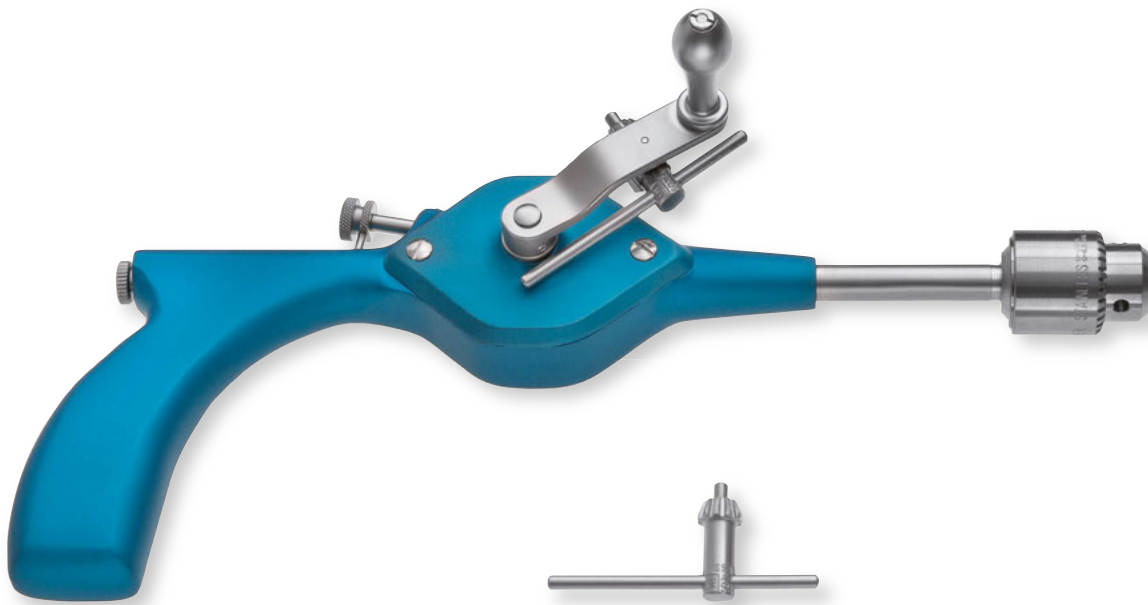
Bunnell
200-158-001
Tightening wrench only



Ralk
200-153-005
 Hand Drill, large with Jacobs-chuck and key
 Ø 0-4mm



Ralk
200-153-000
 Hand Drill with Jacobs-chuck and key
 Ø 0-4mm



Smedberg
200-149-100
 Hand drill complete with Three-jaw chuck

200-149-101
 Tightening wrench only



200-157-001
T-Handle Drill,
Stell chuck incl. key



200-157-100
T-Handle with universal chuck
1 - 6mm, cannulated
Ø 5.2mm
140mm, 5 1/2"



200-157-200
T-Handle with Roehm-chuck
0.5 - 7mm, cannulated
Ø 5.2mm, incl. key,
130mm, 5"



200-157-210
T-Handle with Jacobs-chuck
0.5 - 4mm, cannulated
Ø 5.2mm, incl. key,
120mm, 4 3/4"



200-157-250
T-Handle with universal chuck
1 - 6mm, cannulated, Ø 6.1mm,
with reverse lock, incl. key
130mm, 5"

BATTERY DRIVEN DRILL SYSTEM

The new Battery Driven Drill System is the ideal Power Tool for Orthopaedic and Traumatology Operating Rooms, as well as for Emergency Rooms.

- Solid aluminium housing
- Powerful re-chargeable battery pack with a long working time
- Fully steam and gas sterilizable
- Stepless Speed regulation
- Universal Adaptor pieces for all kinds of Burrs
- Cannulated for use with Kirschner-Wires up to 3.2mm



Cleaning channel

200-700-000
Battery driven drill system

TECHNICAL DETAILS

Operating Voltage	9.6 Volt
Speed range	0-800rpm
Power	130 Watt
Torque	4.5 NM
Weight	1050 Gramm
Cannulation	3.2mm

ACCESSORIES FOR 200-700-000

Large variety of adaptor pieces for different medical burrs



JACOBS

200-700-100
3-jaw chuck
up to 7mm



AO AESCULAP

200-700-200



DIN

200-700-300
For Aesculap
medulary Reamer



HARRIS

200-700-400



HUDSON

200-700-500



QUICK LOCK

200-700-600
For K-Wire
up to 2.5mm



200-702-001
Charging unit for 2 rechargeable batteries



200-701-100
Spare battery 9.6V



200-702-002
Charging unit for 1 rechargeable battery



Hudson

Burrs, 60mm length



200-152-001

Ø 9mm



200-152-002

Ø 14mm



200-152-003

Ø 16mm



200-152-004

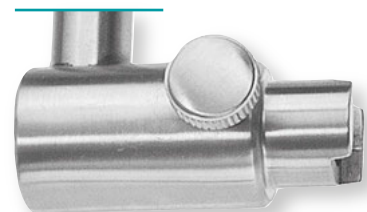
Ø 22mm



200-152-009

Extension piece

Hudson Tightening screw



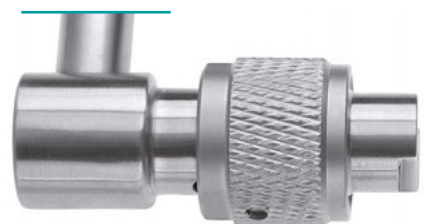
200-150-000

Hand Drill only, with tightening screw

200-152-000

Hand Drill, complete with 4 burrs
and extension
270mm, 10¹/₂"

Hudson Snap Lock



200-151-000

Hand Drill only, with snap lock

200-152-010

Hand Drill, complete with 4 burrs
and extension
270mm, 10¹/₂"



Cushing
Flat Drill with Hudson-Connection

	Ø	length
200-152-005	14mm	95mm



Adson
Twist Drill with Hudson-Connection

	Ø	length
200-152-006	2mm	90mm



D'Errico
Twist Drill with Hudson-Connection

	Ø	length
200-152-008	16mm	95mm



Cushing
Round Drill with Hudson-Connection

	Ø	length
200-152-021	15mm	95mm



McKenzie
Twist Drill with Hudson-Connection

	Ø	length
200-152-007	13mm	95mm



Adson
Burr with Hudson-Connection

	Ø	length
200-152-012	15mm	95mm



Twist Drill with AO-Connection

	Ø	length
701-200-011	1.1mm	60mm
701-200-015	1.5mm	85mm
701-200-020	2.0mm	100mm
701-200-025	2.5mm	110mm
701-200-027	2.7mm	100mm
701-200-032	3.2mm	145mm
701-200-035	3.5mm	110mm
701-200-045	4.5mm	145mm
701-200-050	5.0mm	145mm
701-200-060	6.0mm	180mm
701-200-070	7.0mm	180mm
701-200-080	8.0mm	180mm

	Ø	length
701-200-026	2.5mm	195mm
701-200-033	3.2mm	195mm
701-200-036	3.5mm	195mm
701-200-046	4.5mm	195mm



Twist Drill with Borchardt-Connection

	Ø	length
701-192-010	1.0mm	90mm
701-192-012	1.2mm	90mm
701-192-015	1.5mm	105mm
701-192-018	1.8mm	105mm
701-192-020	2.0mm	115mm
701-192-022	2.2mm	115mm
701-192-025	2.5mm	115mm
701-192-027	2.7mm	115mm
701-192-028	2.8mm	115mm
701-192-030	3.0mm	115mm
701-192-032	3.2mm	115mm
701-192-035	3.5mm	125mm
701-192-040	4.0mm	130mm
701-192-045	4.5mm	130mm
701-192-050	5.0mm	130mm

	Ø	length
701-190-020	2.0mm	150mm
701-190-025	2.5mm	150mm
701-190-027	2.7mm	150mm
701-190-030	3.0mm	150mm
701-190-032	3.2mm	150mm
701-190-035	3.5mm	150mm
701-190-040	4.0mm	160mm
701-190-045	4.5mm	160mm
701-190-050	5.0mm	160mm
701-190-060	6.0mm	160mm



Twist Drill cylindrical

	Ø	length
701-199-010	1.0mm	56mm
701-199-011	1.1mm	60mm
701-199-012	1.2mm	65mm
701-199-015	1.5mm	70mm
701-199-018	1.8mm	80mm
701-199-020	2.0mm	85mm
701-199-022	2.2mm	90mm
701-199-025	2.5mm	95mm
701-199-027	2.7mm	100mm
701-199-028	2.8mm	100mm
701-199-030	3.0mm	100mm
701-199-032	3.2mm	106mm

	Ø	length
701-199-035	3.5mm	112mm
701-199-040	4.0mm	119mm
701-199-045	4.5mm	126mm
701-199-050	5.0mm	132mm
701-199-060	6.0mm	139mm
701-199-070	7.0mm	156mm
701-199-080	8.0mm	160mm

[illegible]



SECTION

R

MISCELLANEOUS



75mm, 3" working length

165-538-003	3 Charr/1.0mm
165-538-005	5 Charr/1.8mm
165-538-007	7 Charr/2.3mm

100mm, 4" working length

165-539-003	3 Charr/1.0mm
165-539-005	5 Charr/1.8mm
165-539-007	7 Charr/2.3mm

Baron

Suction Cannula with finger cut-off and stylet

190mm, 7 1/2"

165-523-006	6 Charr/2.0mm
165-523-008	8 Charr/2.5mm
165-523-010	10 Charr/3.0mm
165-523-012	12 Charr/4.0mm

Frazier

Aspiration Cannula



Andrew-Pyncheon
165-066-000
Suction Tube
240mm, 9 1/2"



180mm, 7"

165-525-006	6 Charr/2.0mm
165-525-008	8 Charr/2.5mm
165-525-010	10 Charr/3.0mm
165-525-012	12 Charr/4.0mm

Fergusson

Suction Cannula with finger cut-off and stylet



Yankauer
 165-543-270 Complete Instrument
 165-543-000 Olive only, $\varnothing$ 7.9mm
 Suction Tube with central drill
 with olive, $\varnothing$ 7.9mm
 270mm, 10²/₃"



Wartenberg
 100-416-190
 Pinwheel
 190mm, 7¹/₂"



260-988-002 Children, 240mm, 9¹/₂"
 260-988-001 Adult, 370mm, 14"
 Lead Hand



Michele

- 210-405-180 Ø inside: 3mm
 Ø outside: 5mm
- 210-406-180 Ø inside: 5mm
 Ø outside: 6mm
- 210-408-180 Ø inside: 6.5mm
 Ø outside: 8mm

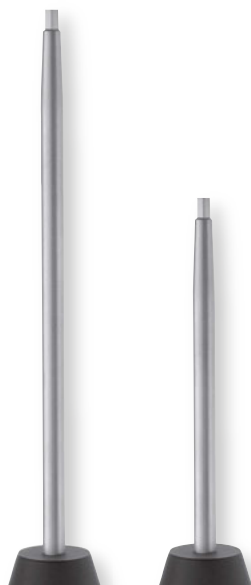
Trephine
180mm, 7"



- 200-100-070 4.0x6.0mm opening
 - 200-100-075 2.7x3.5mm opening
- Bending iron
for standard Plates



Screw Driver
250mm, 10"



200-604-235 250mm, 10"
200-604-275 200mm, 8"
Screw Driver,
hexagonal $\varnothing$ 3.5mm
for 2.7 - 3.5 - 4.0mm screws



200-601-250
Screw Driver,
cross slot, 6mm



200-600-200
Screw Driver
cross slot, 6mm
for small Philips screws



Lane
200-604-250
Screw driver, 6mm
for 2.7 - 3.5 - 4.0mm screws



200-604-200 250mm, 10"
200-604-220 200mm, 8"
Screw Driver,
hexagonal $\varnothing$ 2.5mm
for 2.7 - 3.5 - 4.0mm screws



200-608-200
Screw Driver,
hexagonal $\varnothing$ 1.5mm



200-604-240
Screw Driver, flat, 6mm
for 2.7 - 3.5 - 4.0mm screws,
170mm, 6^{3/4}"

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