

Manufacturer Of all kind of Orthopedic Instruments



PRODUCT CATALOG

ORTHOPEDIC INSTRUMENTS



COMPANY PROFILE

ABOUT US

WELCOME TO PENTAX SURGICAL

Established in 2008, PENTAX SURGICAL is on a mission to redefine the industry by proving that quality doesn't have to be sacrificed for competitiveness. Our commitment revolves around producing high-quality instruments at prices that keep you smiling. From our humble beginnings as a family-run veriore, we've evolved into a significant player in the market.

Our mission is clear to instill confidence in our clients by delivering Instruments of the highest quality at prices that make sense. We understand that the key to succes lies in customer satisfaction and loyalty, which forms the core of our vision. As we grow, our focus reamins on fostering strong relatoriships with our customers

At PENTAX SURGICAL, we firmly believe that quality is never accidental, it's the outcome of thoughtful and intelligent effort Each instrument we produce reflects this commitment to excellence, ensuring you receive products that exceed expectations. Join us on our journey as we continue to set new standards in quality and customer satisfaction.

Contents

Amputation and Resection Saws	13-2
Drills, Reamers	13-3
Arthroscopy Instruments	13-4
Bone Holding Clamps	13-10
Hand Drills	13-12
Wire Twisting Forceps	13-16
Flat Nose Pliers	13-19
Wire Cutting Pliers	13-23
Wire Guides	13-27
Wire Tighteners	13-27
Extension Bows, Pins, Clips	13-29
Chisels, Gouges, Osteotomes	13-31
Rasps	13-43
Lead Hand	13-44
Mallets	13-45
Curettes	13-56
Periosteal Raspatories	13-67
Bone Files	13-75
Tampers	13-76
Elevators	13-77
Lever	13-80
Meniscotomy Knives	13-88
Tendon Instruments	13-89
Reposition Forceps, Sequestrum Forceps	13-93
Meniscus and Cartilage Forceps	13-94
Bone Holding Forceps	13-95
Pelvic Reduction Forceps	13-105
Bone Ronguers	13-109
Bone Cutting Forceps	13-123
Nail Instruments, Finger Ring Saws	13-128
Wire Instruments	13-129
Tap & Drill Holders, Screw Drivers, Drill Bits	33-2
Bone Nailing Instruments	33-3
Screw Drivers	33-5
Instruments For Bone Plates & Screws	33-7
Tap & Screw Drivers	33-8
Osteosynthesis Instruments, Counter Sinks	33-9
Osteosynthesis Instruments, Depth Gauges	33-10
Osteosynthesis Instruments, Double & Universal Drill Guides	33-12
Compression Devices, Socket & Combination Wrenches	33-13
Drill Guides, Wire Instruments	33-14
Screw Driver With Interchangeable Blades	33-15
Instruments For Dynamic Hip Screws	33-16
Optional Instruments	33-18

13

For 13-100-35



Spare saw blade
 13-100-12 12 mm
 13-100-15 15 mm
 13-100-18 18 mm

blade width



^{1/4} Charriere
 13-100-35
 35 cm



^{1/3} Langenbeck
 13-110-23
 23 cm



^{1/4} Charriere
 13-112-27
 27 cm



^{1/4} Satterlee
 13-114-31
 31 cm



13-120-14
14 cm



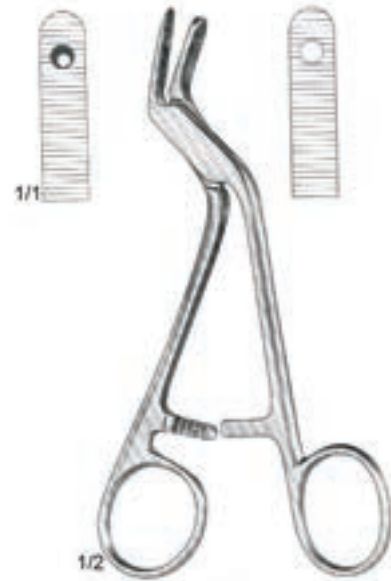
Perthes
13-122-18
18 cm



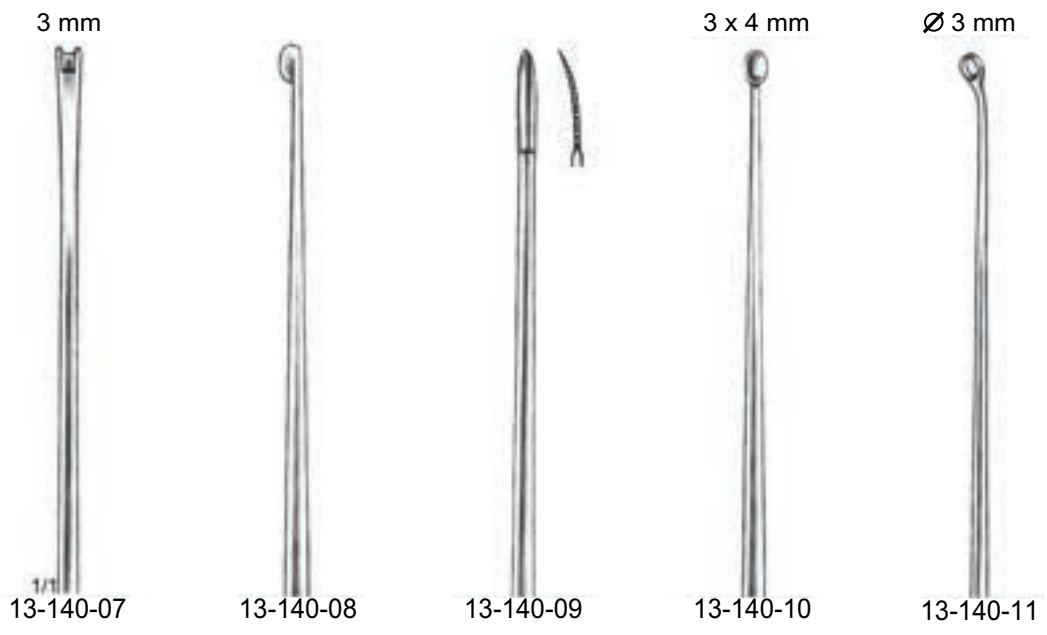
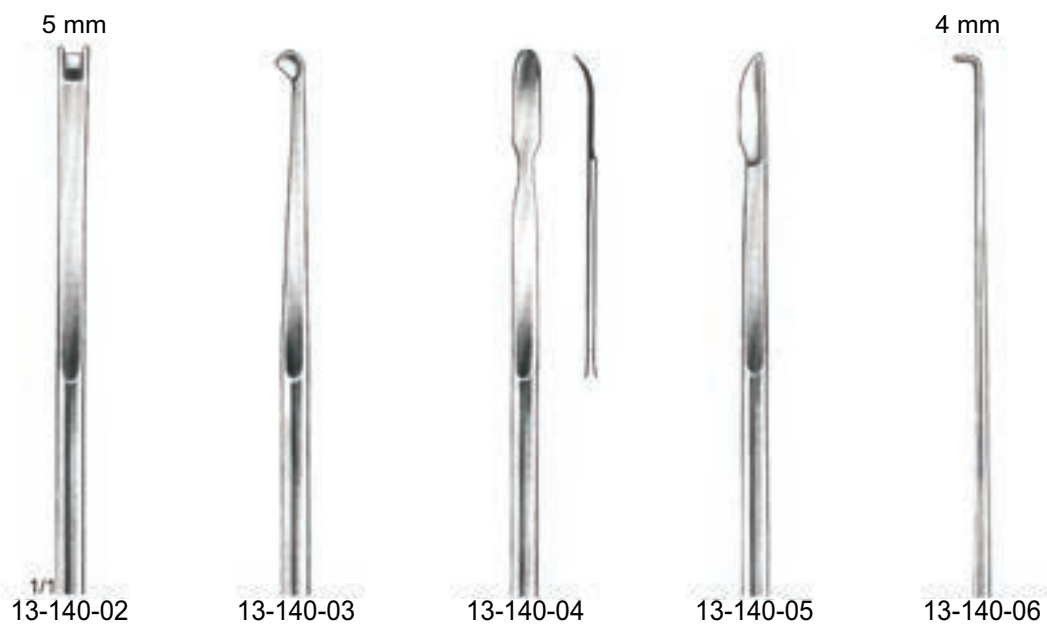
Perthes
13-124-21
21 cm



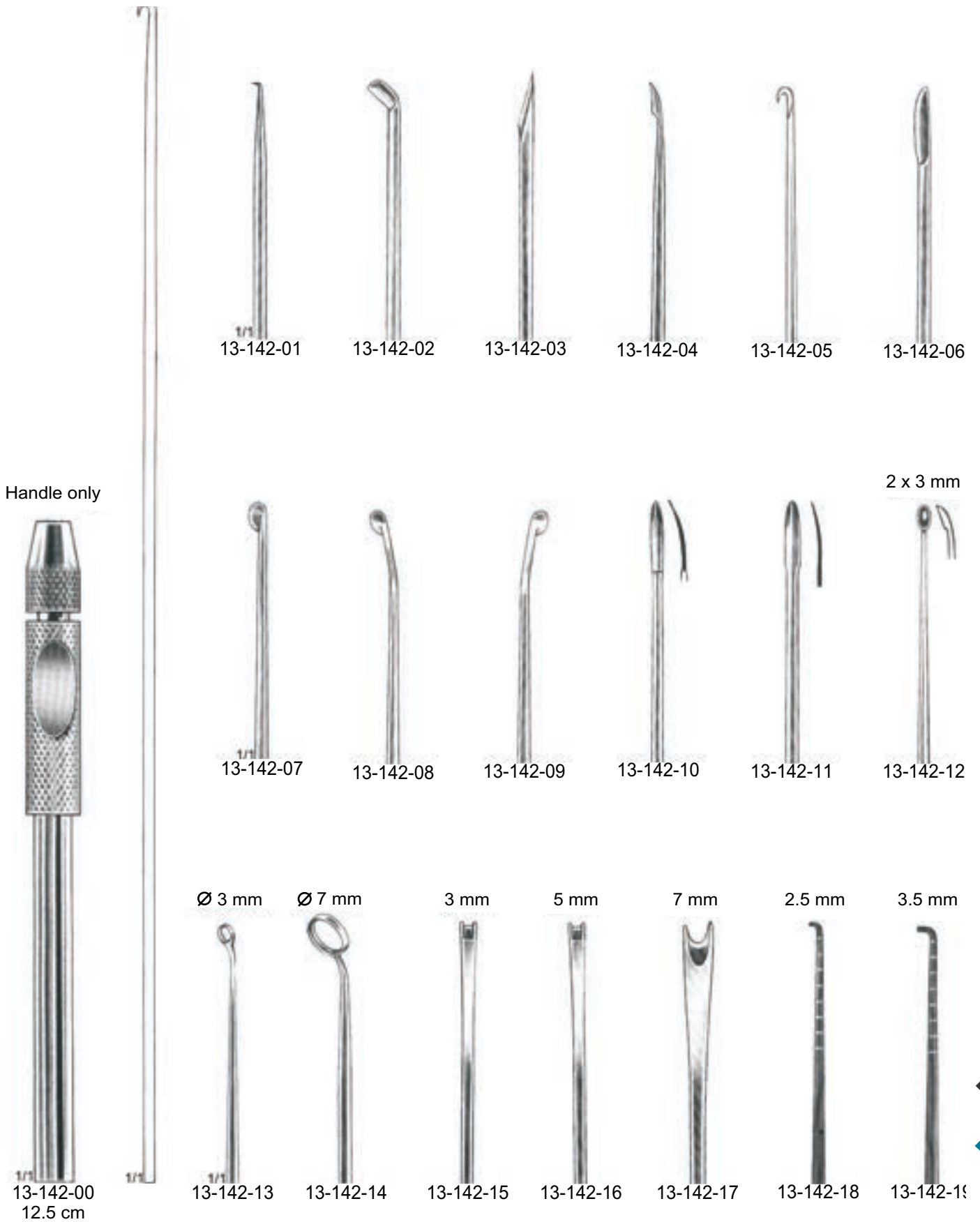
13-126-14
14 cm

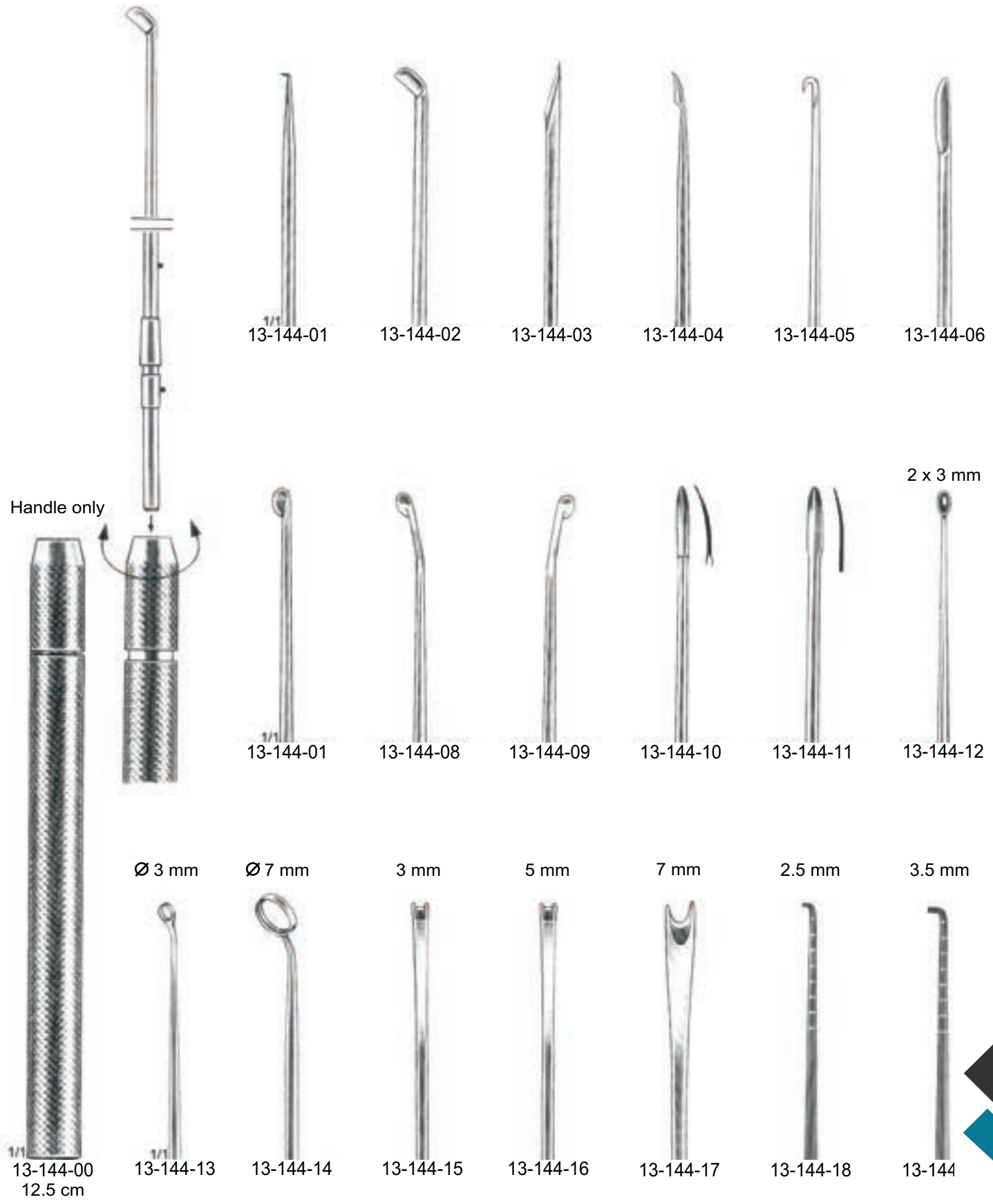


Adson
13-129-15
15 cm

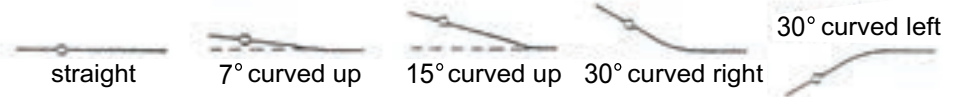
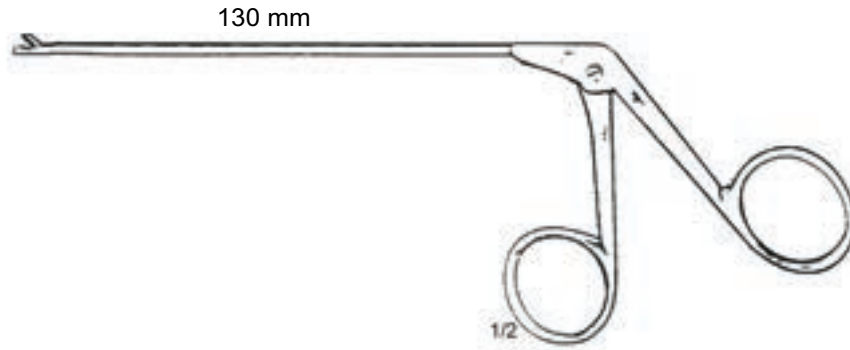


13-140-01
 22.5 cm
 Ø 4 mm





13-6
 Ø 4 mm



Ø 2.7 mm	13-150-10	13-150-11	13-150-13	13-150-15	13-150-17
Ø 3.4 mm	13-151-10	13-151-11	13-151-13	13-151-15	13-151-17
Ø 4.5 mm	13-152-10	13-152-11	13-152-13	13-152-15	13-152-17



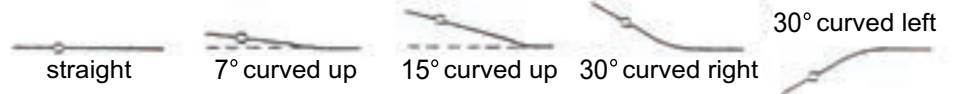
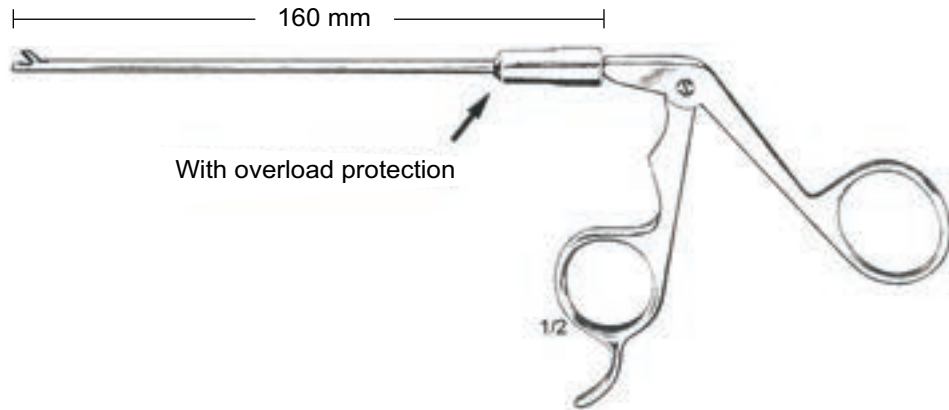
Ø 2.7 mm	13-153-10	13-153-11	13-153-13	13-153-15	13-153-17
Ø 3.4 mm	13-154-10	13-154-11	13-154-13	13-154-15	13-154-17
Ø 4.5 mm	13-155-10	13-155-11	13-155-13	13-155-15	13-155-17





Ø 3.4 mm	13-156-10	13-156-11	13-156-13	13-156-15	13-156-17
----------	-----------	-----------	-----------	-----------	-----------





Ø 3.4 mm	13-157-10	13-157-11	13-157-13	13-157-15	13-157-17
----------	-----------	-----------	-----------	-----------	-----------

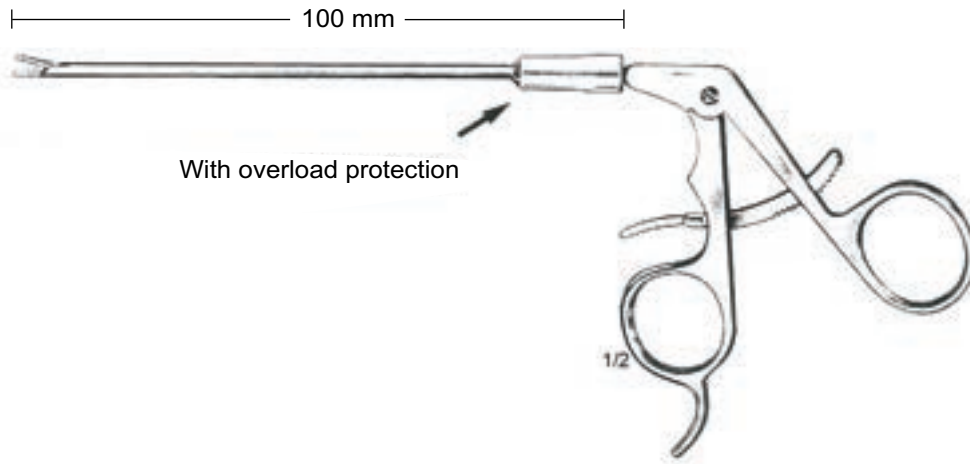







	Ø 2.7 mm	13-158-10	13-158-11	13-158-13	13-158-15	13-158-17
	Ø 3.4 mm	13-159-10	13-159-11	13-159-13	13-159-15	13-159-17
	Ø 4.5 mm	13-160-10	13-160-11	13-160-13	13-160-15	13-160-17

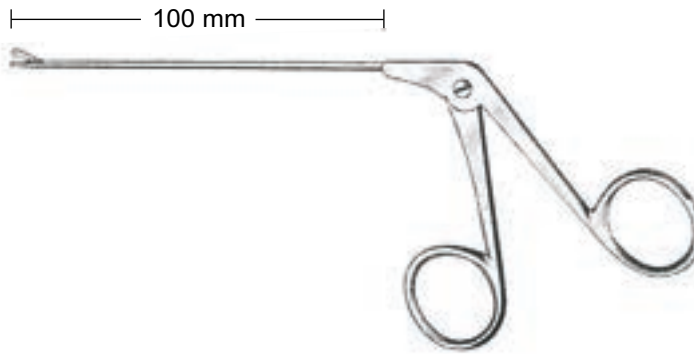
	Ø 2.7 mm	13-161-10	13-161-11	13-161-13	13-161-15	13-161-17
	Ø 3.4 mm	13-162-10	13-162-11	13-162-13	13-162-15	13-162-17
	Ø 4.5 mm	13-163-10	13-163-11	13-163-13	13-163-15	13-163-17


	Ø 3.4 mm	13-164-10	13-164-11	13-164-13	13-164-15	13-164-17
--	----------	-----------	-----------	-----------	-----------	-----------

	Ø 3.4 mm	13-165-10	13-165-11	13-165-13	13-165-15	13-165-17
--	----------	-----------	-----------	-----------	-----------	-----------




					
	straight	7° curved up	15° curved up	30° curved right	30° curved left
Ø 3.4 mm	13-170-10	13-170-11	13-170-13	13-170-15	13-170-17



	
Ø 2 mm	13-175-10




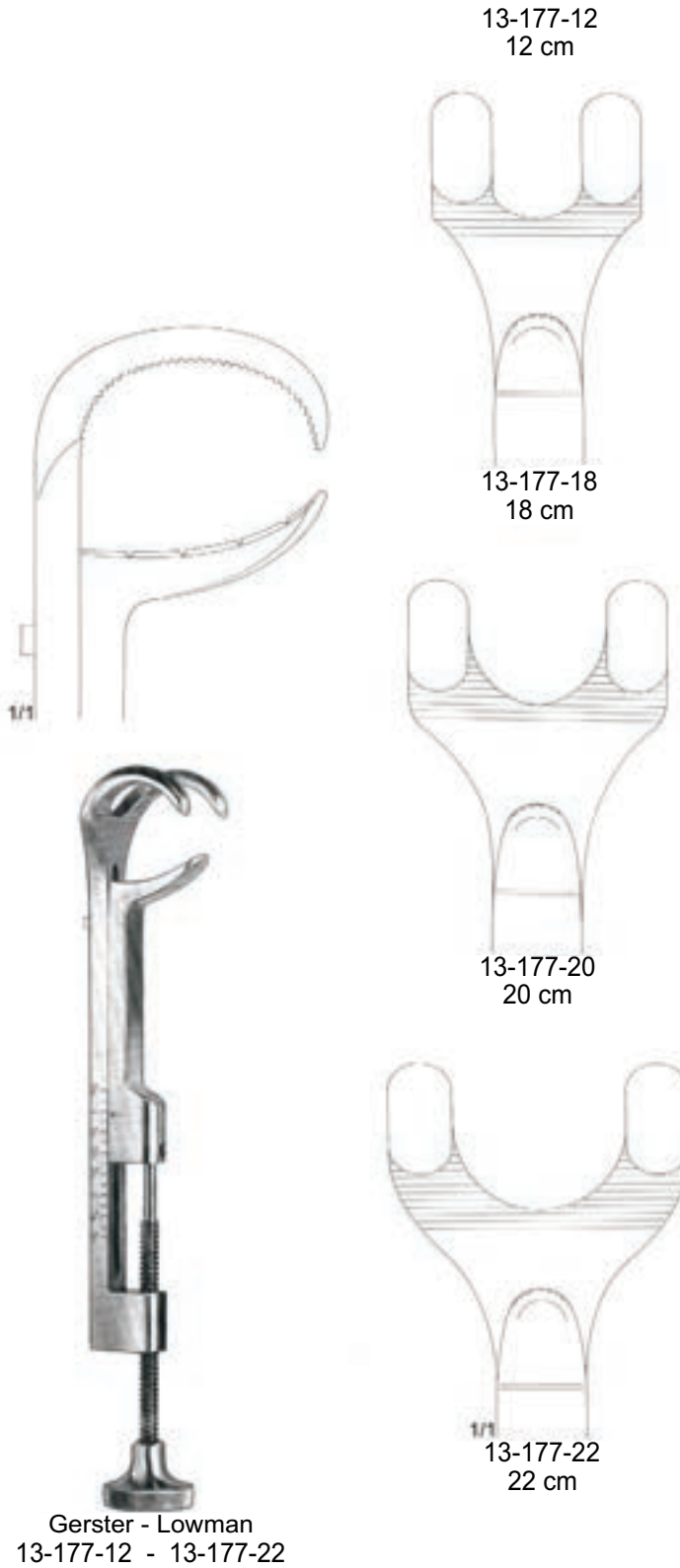
	
Ø 2 mm	13-175-20



	
Ø 2 mm	13-175-30



	
Ø 2 mm	13-175-40





Gerster
 13-178-09
 9 cm



Lowman - Baby
 13-178-18
 18 cm



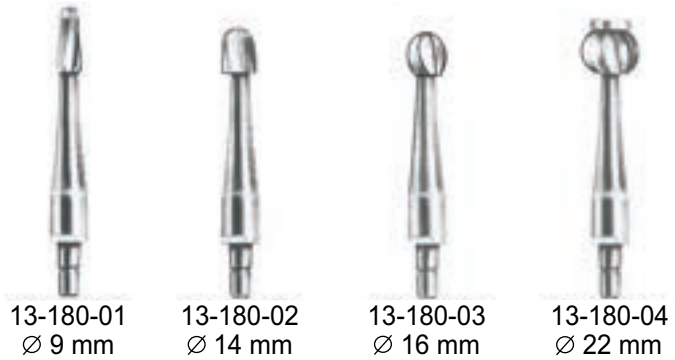
Lowman - Hoglund
 13-178-18 18 cm
 13-178-20 20 cm
 13-178-22 22 cm



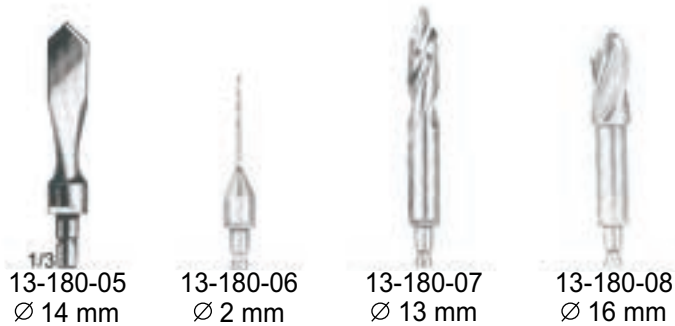
Bunnell - Howard
 13-179-15
 15 cm



Lambert - Lowman
 13-179-18 18 cm
 13-179-20 20 cm
 13-179-22 22 cm



Burrs



Burrs

13-181-00 (Complete Set)
 13-181-01 (Brace, Extension With 4 Burrs)



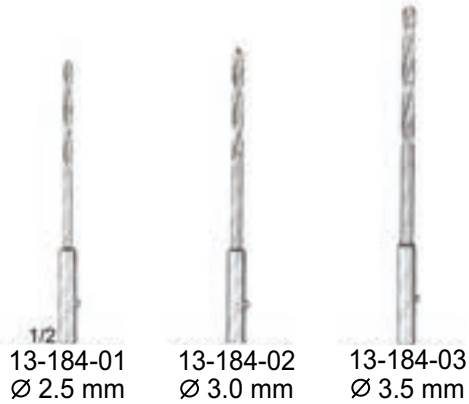
Ralk
13-182-00



Bunnel
13-182-10



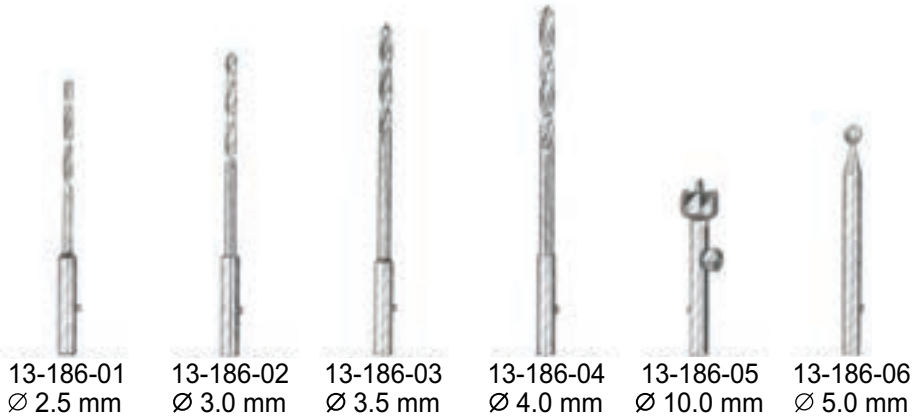
Stille - Sherman
13-184-24
24 cm



13-184-01
Ø 2.5 mm

13-184-02
Ø 3.0 mm

13-184-03
Ø 3.5 mm



13-186-01
Ø 2.5 mm

13-186-02
Ø 3.0 mm

13-186-03
Ø 3.5 mm

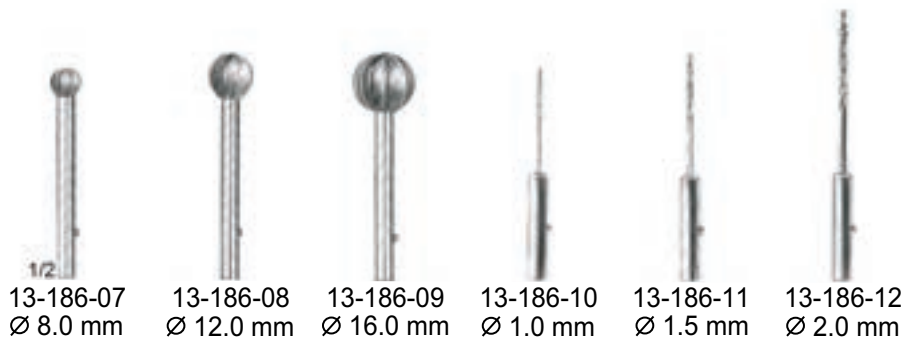
13-186-04
Ø 4.0 mm

13-186-05
Ø 10.0 mm

13-186-06
Ø 5.0 mm



Stille
13-186-20
20 cm



13-186-07
Ø 8.0 mm

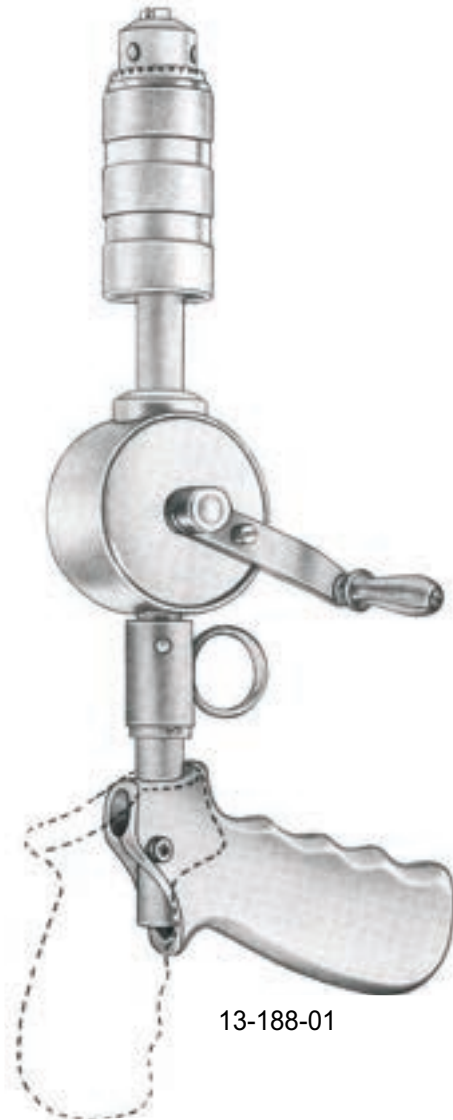
13-186-08
Ø 12.0 mm

13-186-09
Ø 16.0 mm

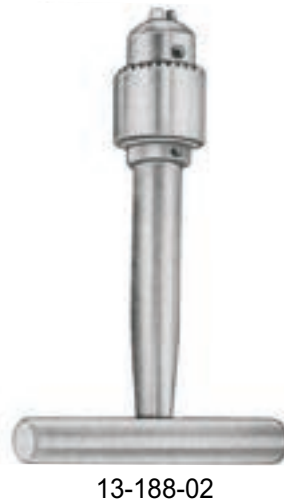
13-186-10
Ø 1.0 mm

13-186-11
Ø 1.5 mm

13-186-12
Ø 2.0 mm



Handle with chuck



L-Key





1/1
 13-190-01
 15 cm



13-190-02
 18 cm



1/1
 13-190-11
 15 cm



13-190-12
 18 cm

13-190-01 - 13-190-02

13-190-11 - 13-190-12



1/1

1/2

13-190-15
 15 cm



1/1

1/2

13-190-20
 20 cm





13-198-15
 15 cm



13-200-17
 17 cm



Baumgartner
 13-202-20
 20 cm

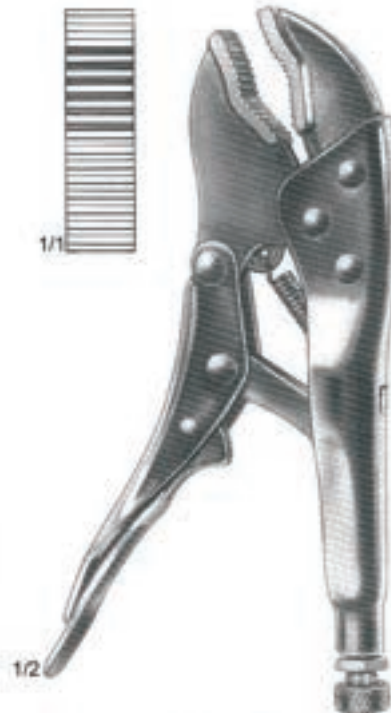
Parallel grip



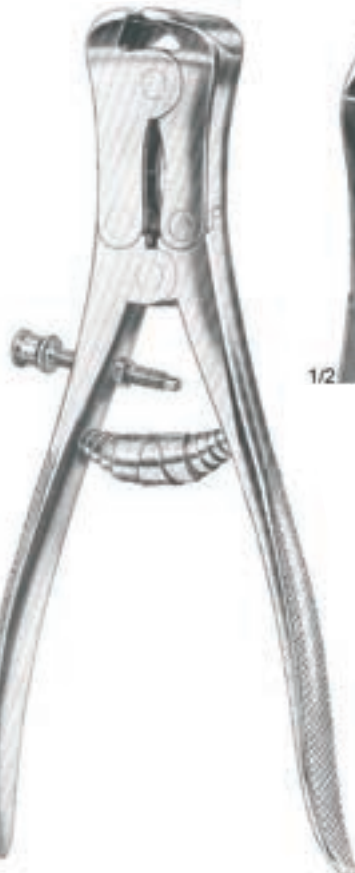
13-203-17
17 cm



13-204-18
18 cm



13-205-18
18 cm



13-206-23
23 cm



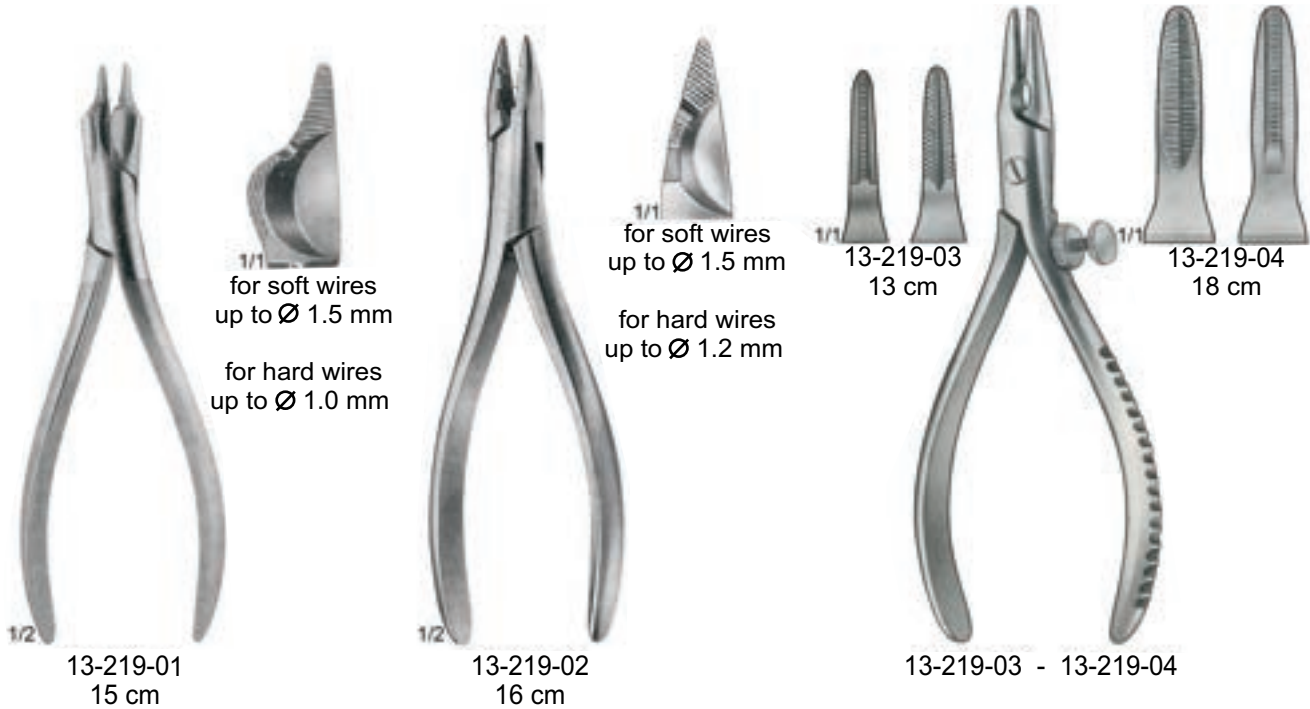
13-206-25
25 cm

for bending and cutting



Universal
13-208-15
15 cm

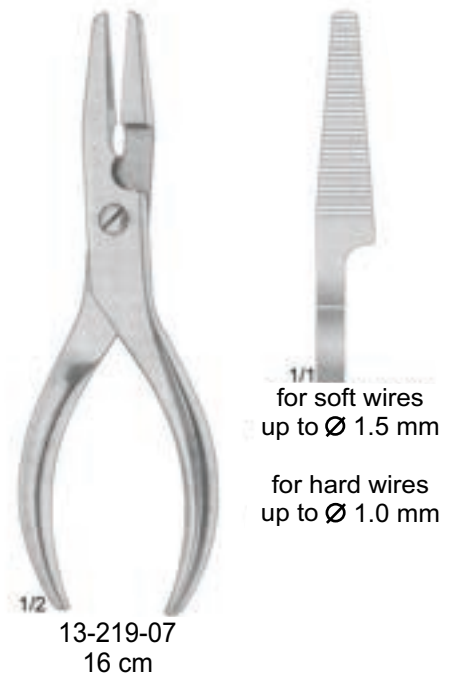




with serrated jaws



one jaw smooth



with longitudinal groove



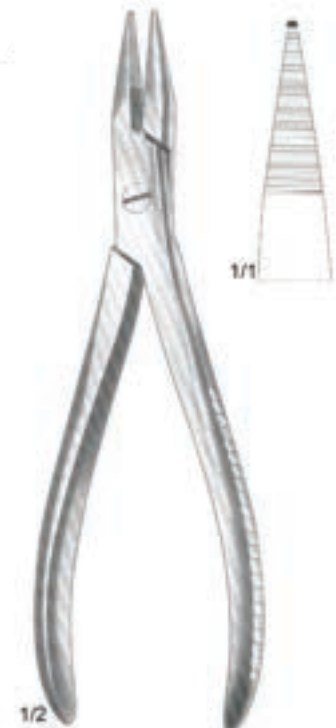
Hackstock
 13-220-16
 16 cm

with crosswise groove

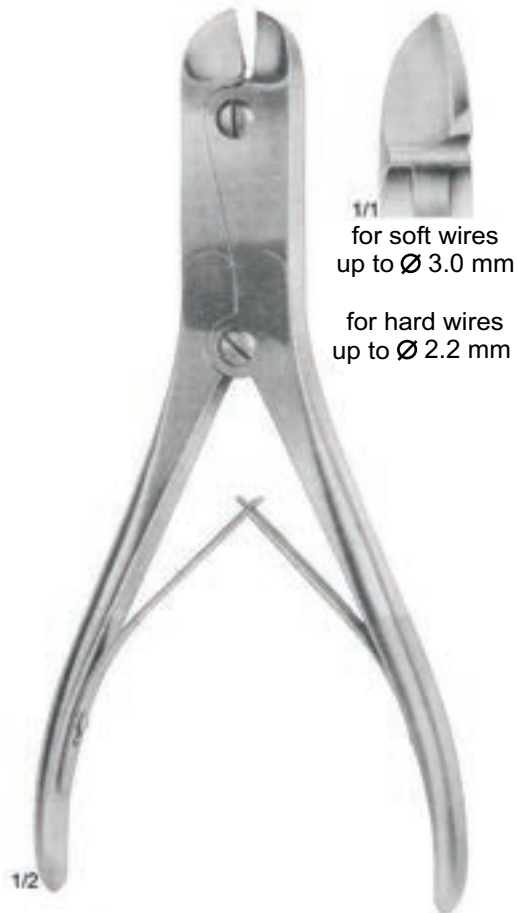


13-221-01 - 13-221-02
 17 cm

pointed



13-221-03
 19 cm

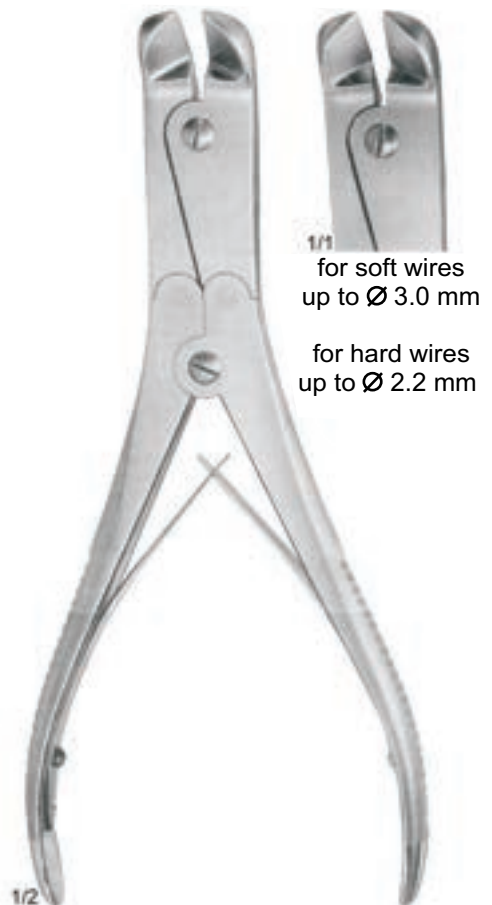


1/1
for soft wires
up to Ø 3.0 mm

for hard wires
up to Ø 2.2 mm

1/2

Harvey
13-222-23
23.5 cm



1/1
for soft wires
up to Ø 3.0 mm

for hard wires
up to Ø 2.2 mm

1/2

Harvey
13-223-23
23.5 cm



13-224-01
13 cm



for soft wires
up to Ø 0.5 mm

for hard wires
up to Ø 0.3 mm



13-224-02
14 cm



for soft wires
up to Ø 1.5 mm

for hard wires
up to Ø 1.0 mm



13-224-03
18.5 cm



for soft wires
up to Ø 2.0 mm

for hard wires
up to Ø 1.7 mm



13-226-24
24 cm

for soft wires
up to Ø 2.0 mm

for hard wires
up to Ø 1.6 mm



13-228-32
32 cm

Cutter for cutting off
Kirschner wires, Tibia
head screws, bolts, pin
up to Ø 3mm



for soft wires
up to Ø 2.4 mm

for hard wires
up to Ø 1.8 mm

13-230-16
16 cm



for soft wires
up to Ø 2.2 mm

for hard wires
up to Ø 2.0 mm

Martin - Diamant
13-232-16
16 cm




for soft wires
up to Ø 1.5 mm

for hard wires
up to Ø 1.0 mm

13-233-14
14.5 cm



for soft wires
up to Ø 2.0 mm

for hard wires
up to Ø 1.2 mm

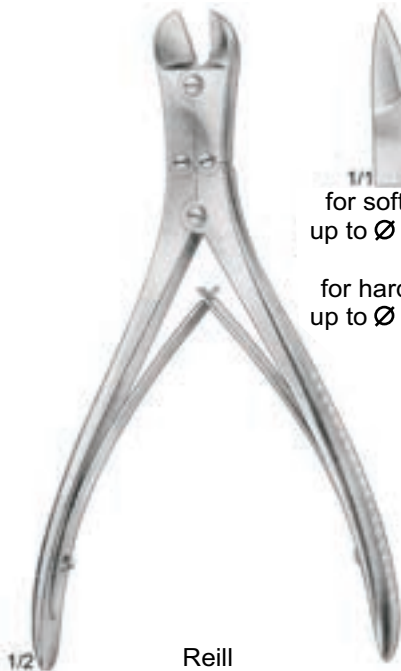
13-234-15
15 cm




for soft wires
up to Ø 3.5 mm

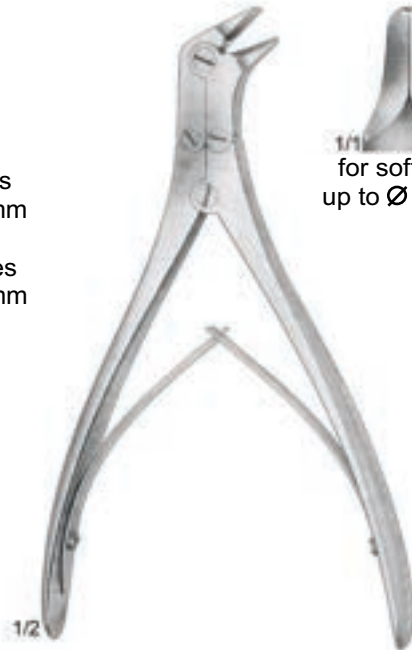
for hard wires
up to Ø 2.5 mm

13-234-22
22 cm



1/1
 for soft wires
 up to Ø 2.0 mm
 for hard wires
 up to Ø 1.6 mm

Reill
 13-235-17
 17.5 cm



1/1
 for soft wires
 up to Ø 0.9 mm

13-236-17
 17 cm



1/1
 for soft wires
 up to Ø 2.0 mm
 for hard wires
 up to Ø 1.7 mm

13-237-16
 16 cm



1/1
 for soft wires
 up to Ø 2.0 mm
 for hard wires
 up to Ø 1. mm

13-237-18
 18 cm



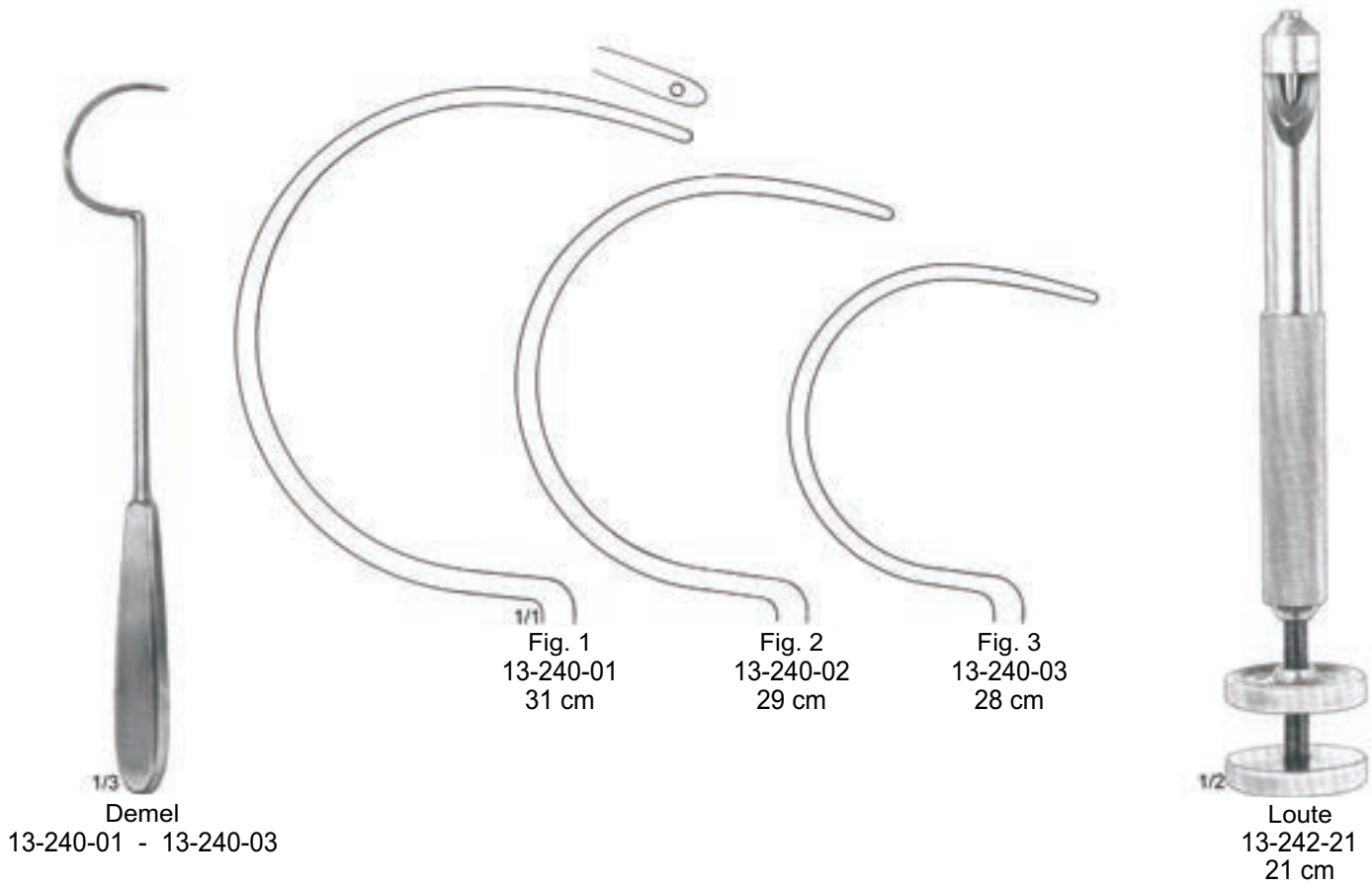
1/1
 for soft wires
 up to Ø 2.8 mm
 for hard wires
 up to Ø 2.2 mm

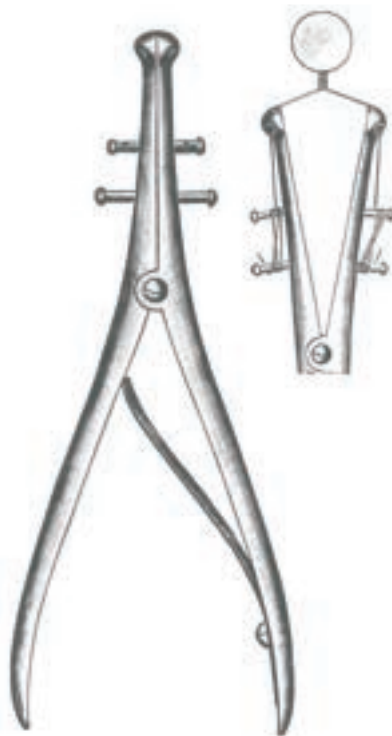
13-237-22
 22 cm



1/1
 for soft wires
 up to Ø 2.0 mm
 for hard wires
 up to Ø 1.5 mm

13-238-18
 18 cm





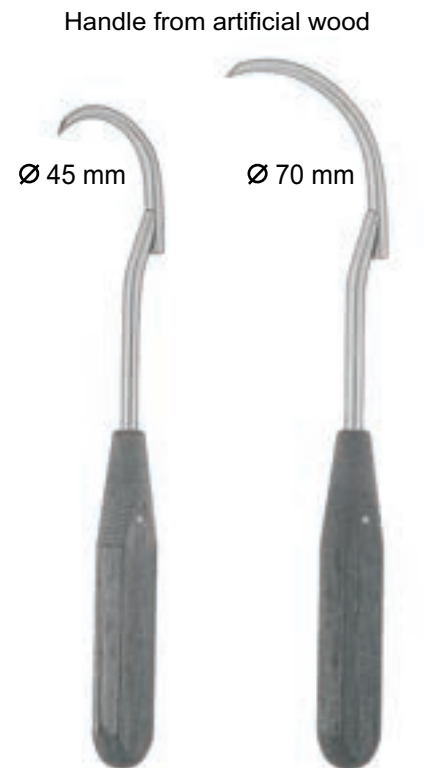
Demel
 13-244-28
 28 cm



Parham
 13-246-23
 23 cm



Parham
 13-246-22
 22 cm



13-248-45

13-248-70

cm			
h x b			
16 x 9	13-255-16	for arm	
21 x 11	13-255-21	for thigh and knee	
21 x 15	13-255-15	for femur and knee	



Trocar tip

13-250-14	140 mm
13-250-16	160 mm
13-250-18	180 mm
13-250-20	200 mm

Steinmann
 13-250-14 - 13-250-20
 Ø 4 mm



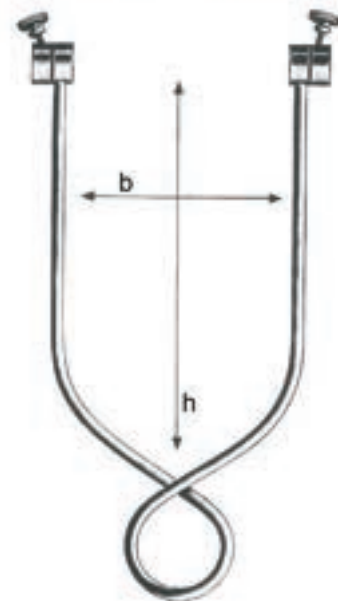
13-252-16



13-252-19

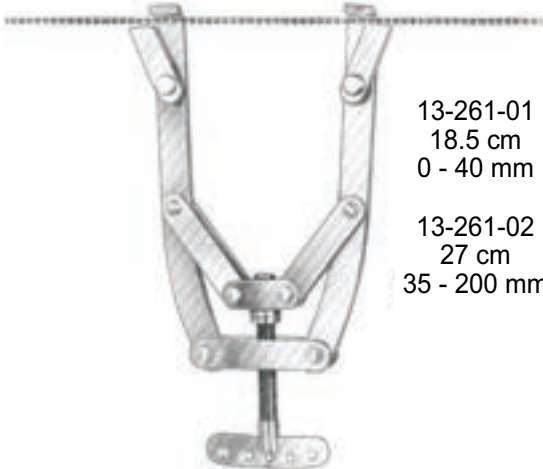


13-252-22



Bohler
 13-255-15 - 13-255-21

with 3 traction hooks



13-261-01
18.5 cm
0 - 40 mm

small pattern

13-261-02
27 cm
35 - 200 mm

large pattern

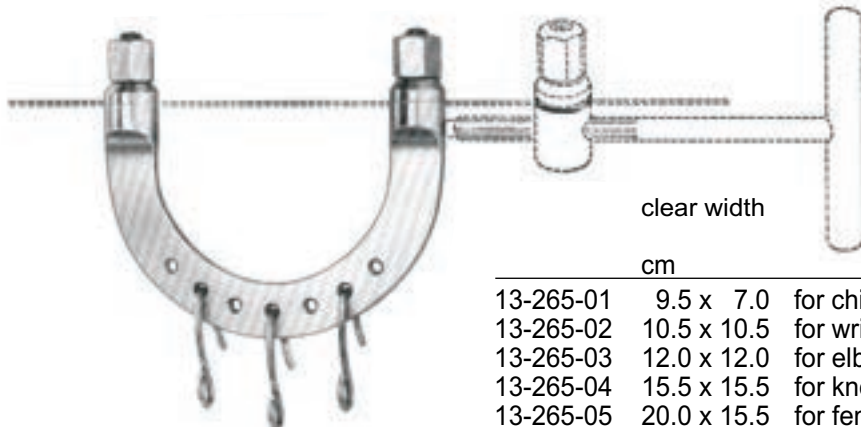
Kirschner

13-261-01 - 13-261-02



13-263-18 18 x 10 cm
13-263-27 27 x 16 cm

with 3 traction hooks



clear width

cm

13-265-01	9.5 x 7.0	for children
13-265-02	10.5 x 10.5	for wrist & ankle
13-265-03	12.0 x 12.0	for elbow
13-265-04	15.5 x 15.5	for knee
13-265-05	20.0 x 15.5	for femur
13-266-01	6.0 x 5.0	
13-266-02	9.5 x 11.0	
13-266-03	13.5 x 13.0	

Kirschner

13-265-01 - 13-266-03

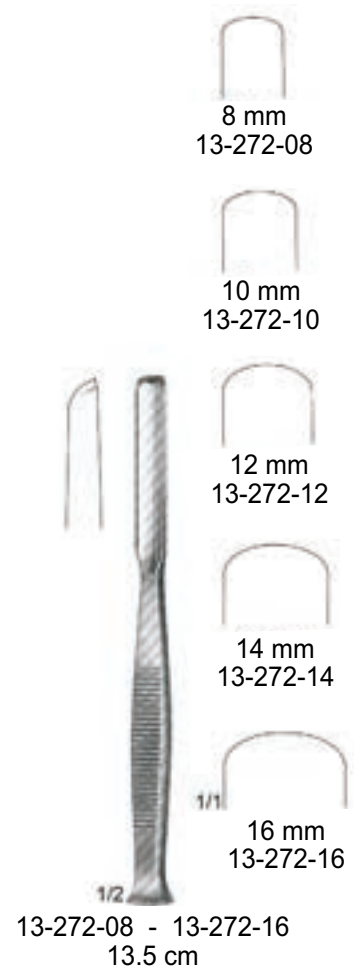
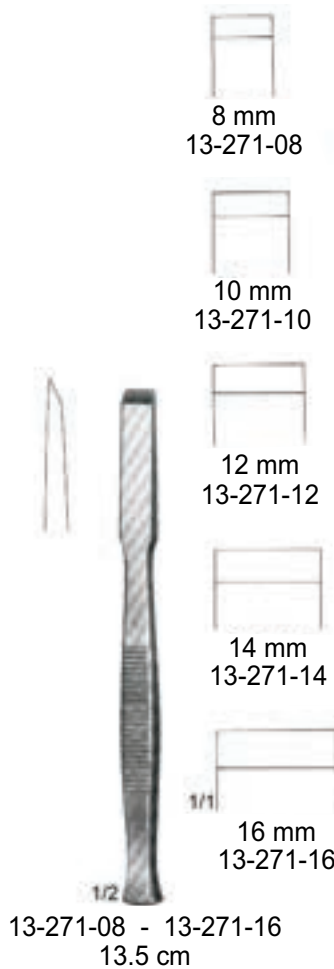
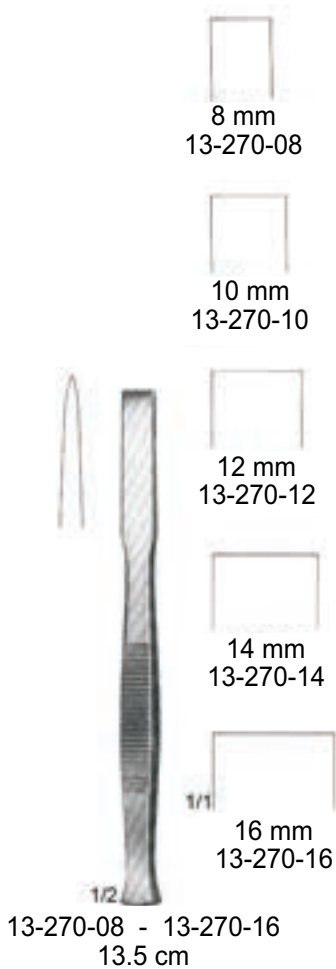
for extension bow

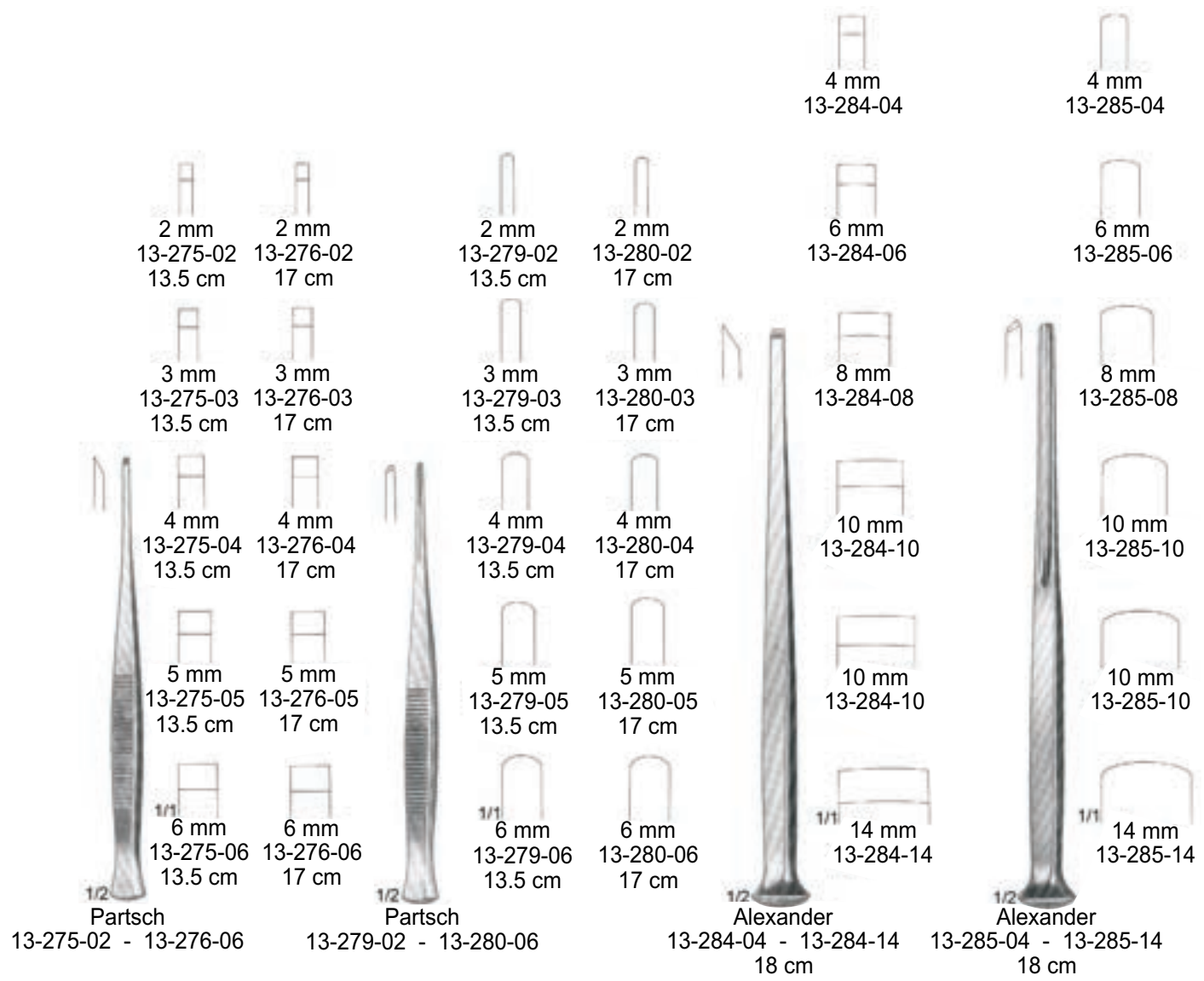


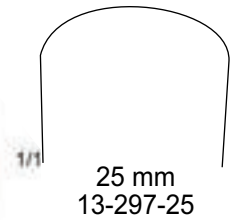
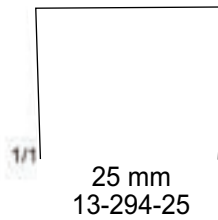
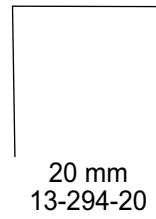
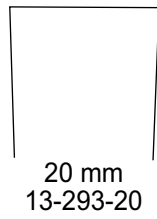
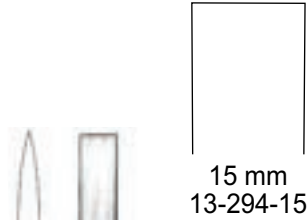
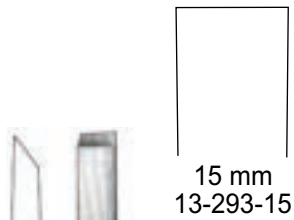
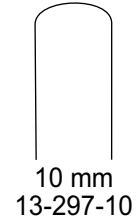
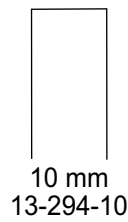
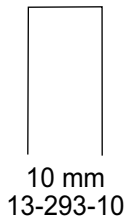
Traction Hook
13-267-03



Traction Hook
13-267-06



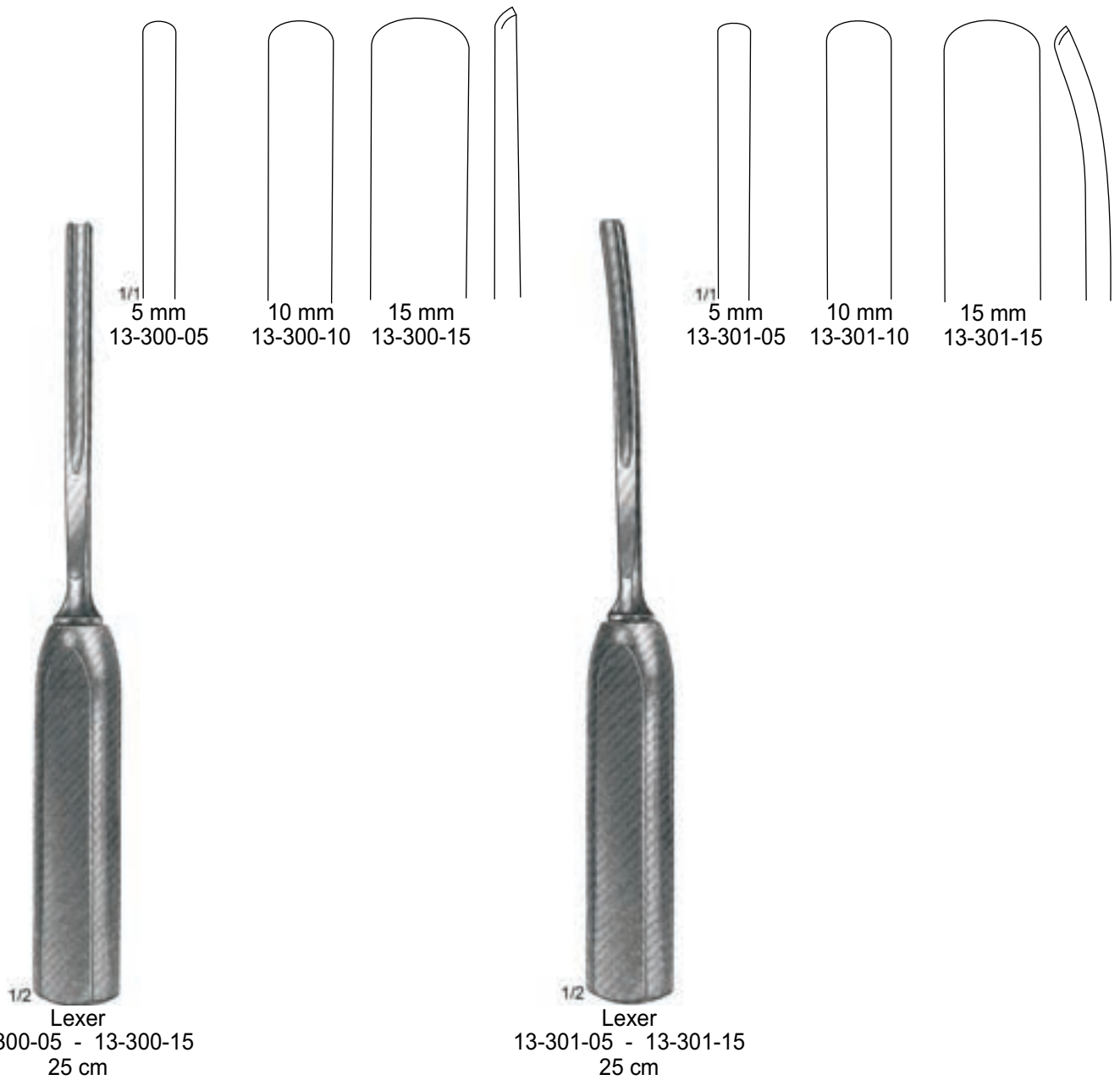




1/2
Stille
 13-293-10 - 13-293-25
 20 cm

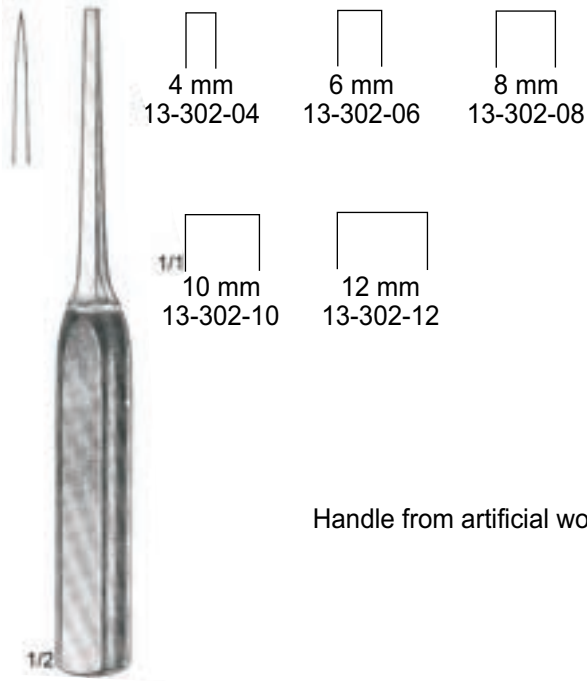
1/2
Stille
 13-294-10 - 13-294-25
 20 cm

1/2
Stille
 13-297-10 - 13-297-25
 20 cm

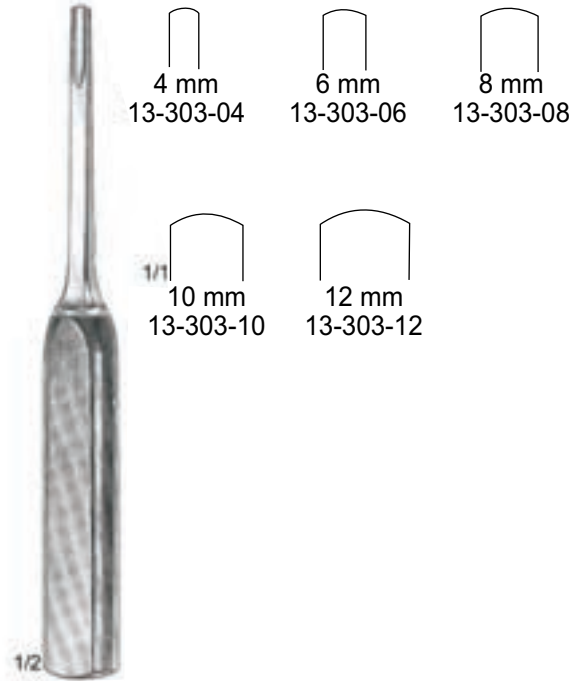


Handle from artificial wood

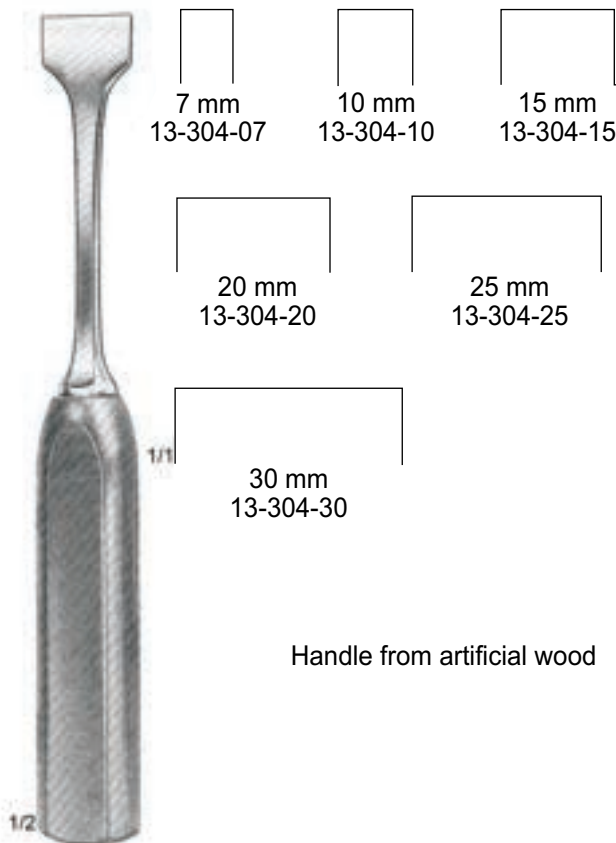
Handle from artificial wood



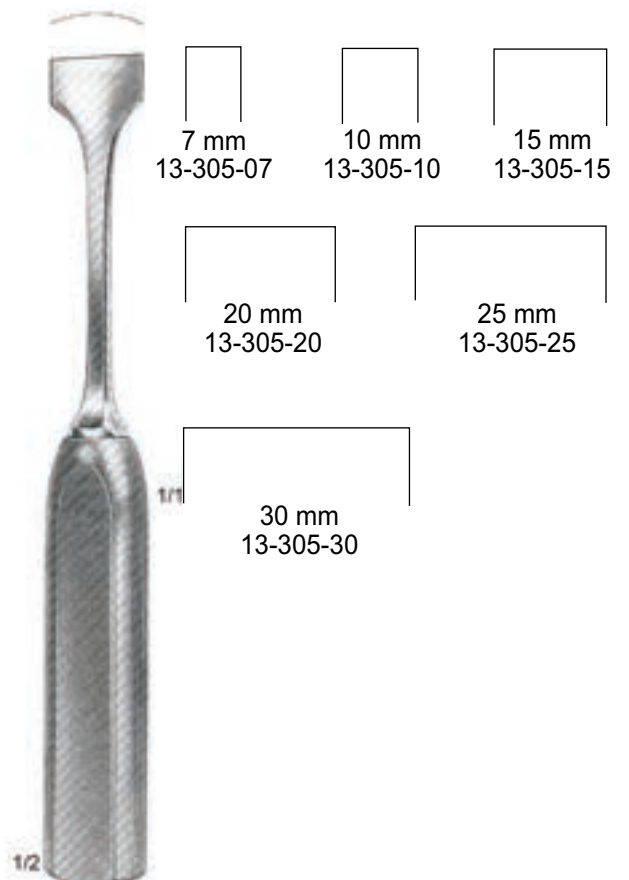
Mini - Lexer
 13-302-04 - 13-302-12
 18 cm



Mini - Lexer
 13-303-04 - 13-303-12
 18 cm



Lexer
 13-304-07 - 13-304-30
 22 cm



Lexer
 13-305-07 - 13-305-30
 22 cm



Lexer
27.5 cm

10 mm 13-306-10
 15 mm 13-306-15

Handle from artificial wood



Lexer
27.5 cm

13-307-10
 13-307-15

Handle of artificial wood



1/2
Cobb
13-310-01
28 cm



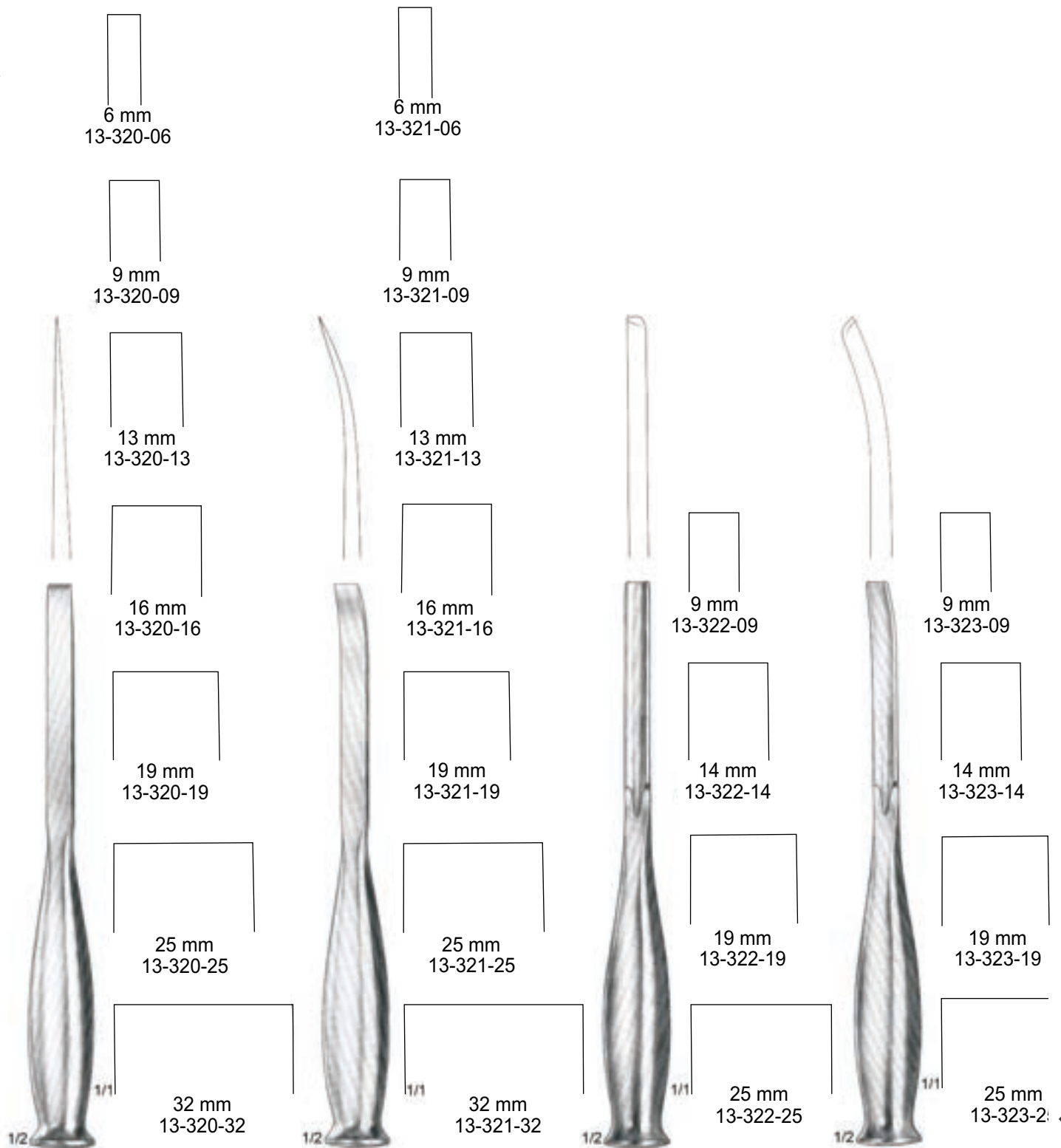
1/2
Cobb
13-310-02
28 cm



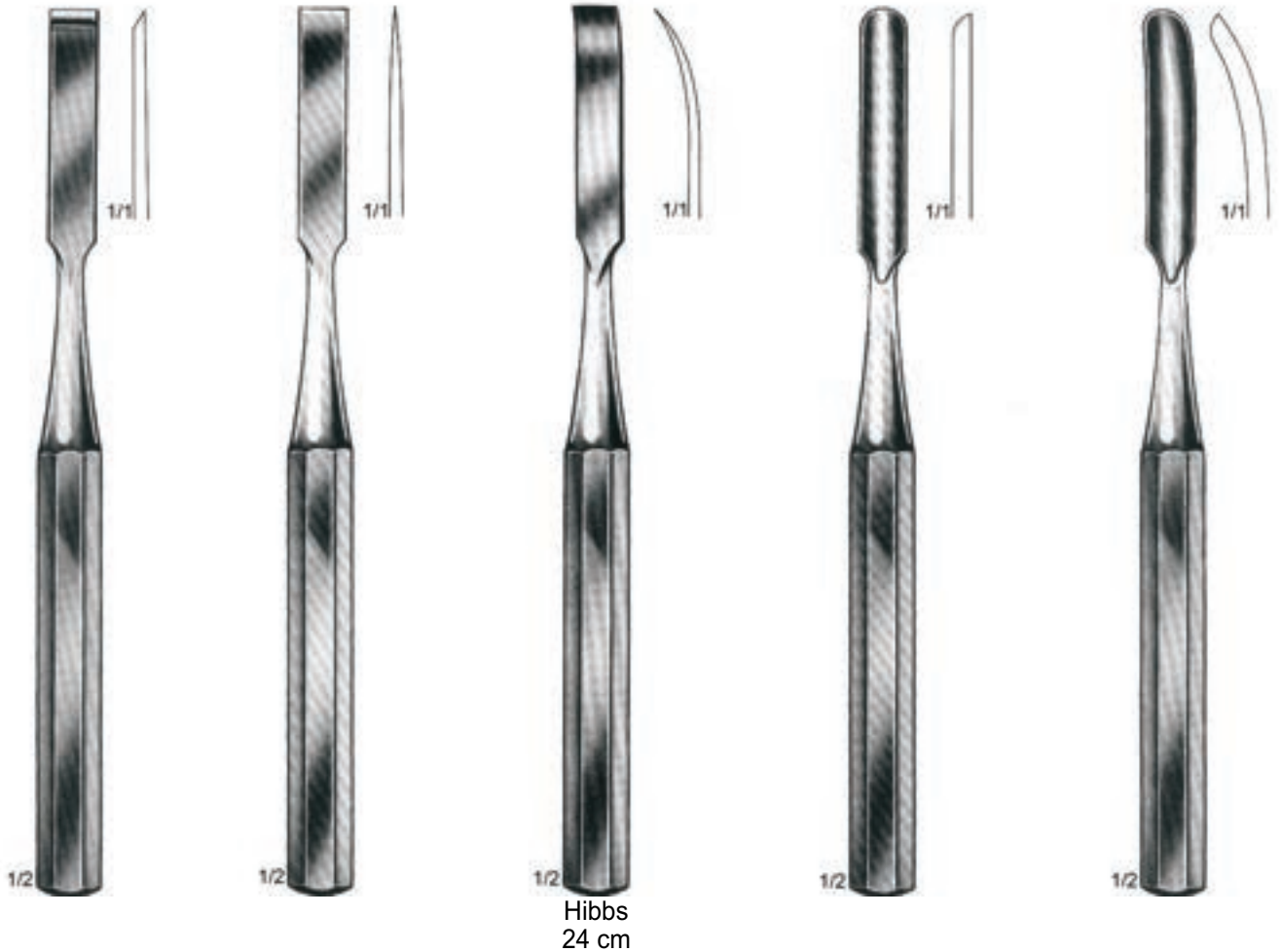
1/2
Cobb
13-310-03
28 cm



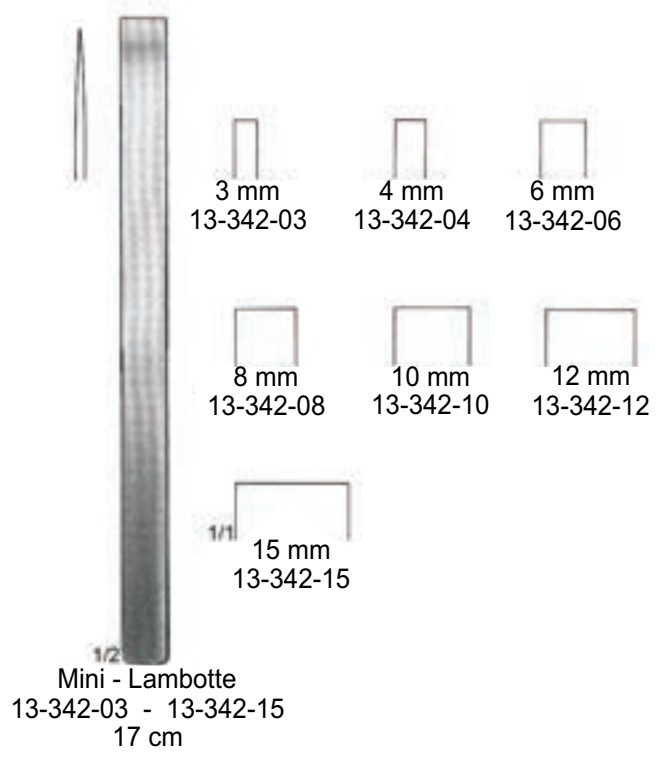
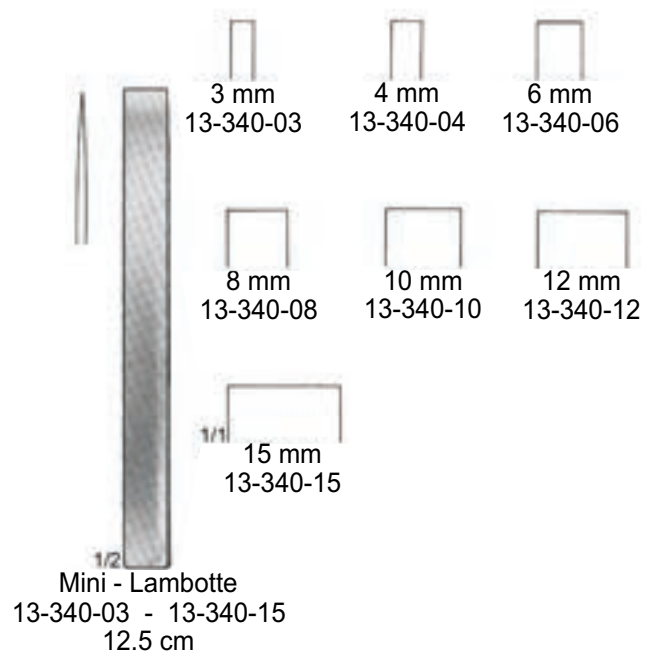
1/2
Cobb
13-310-04
28 cm

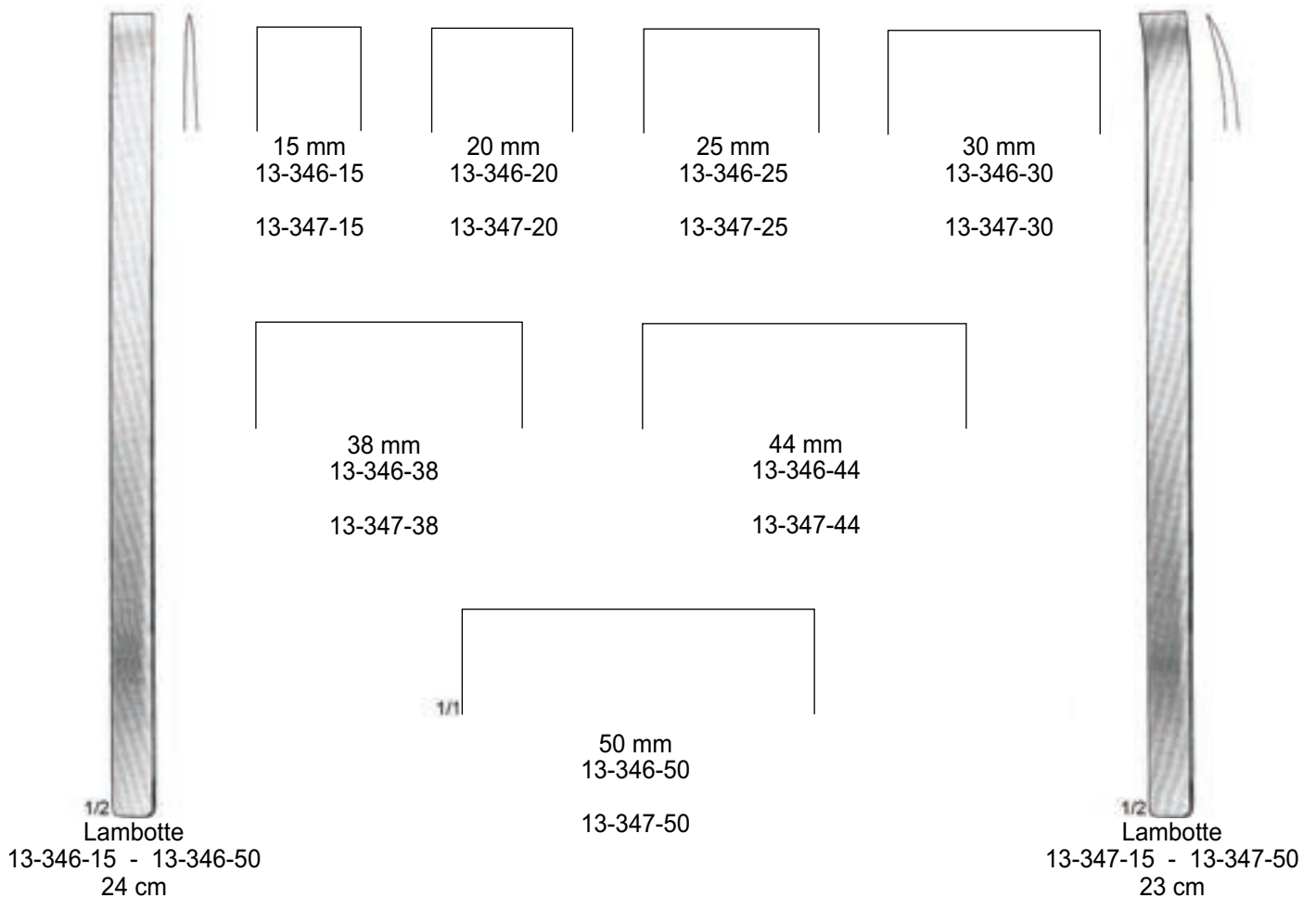


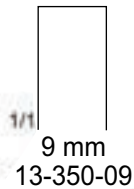
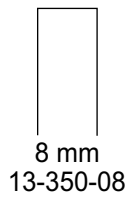
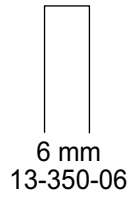
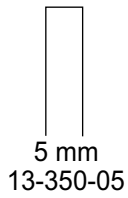
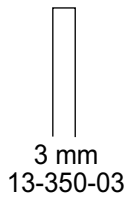
Smith - Petersen
 13-320-06 - 13-323-25
 20 cm



06 mm	13-333-06	13-334-06	13-335-06	13-336-06	13-337-06
13 mm	13-333-13	13-334-13	13-335-13	13-336-13	13-337-13
19 mm	13-333-19	13-334-19	13-335-19	13-336-19	13-337-19
25 mm	13-333-25	13-334-25	13-335-25	13-336-25	13-337-25
32 mm	13-333-32	13-334-32	13-335-32	13-336-32	13-337-32



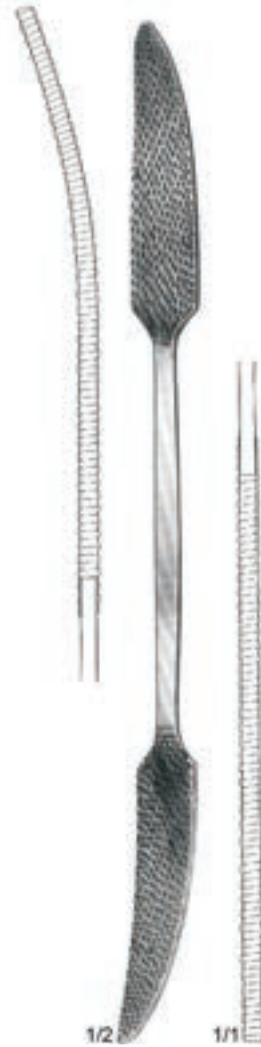




1/2
Hoke
13-350-03 - 13-350-09
17 cm



Putti
13-355-30
30 cm



Putti
13-357-27
27 cm

Lead Hand



13-360-01 - 13-360-02



Feldheim
13-366-10
10 cm



Ideal
13-370-10

13-371-00 (13-371-01 + 13-371-02 + 13-371-03 + 13-370-10)



13-371-01

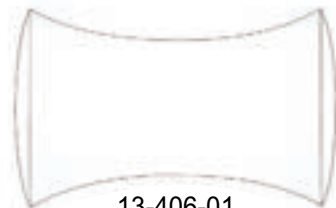


13-371-02

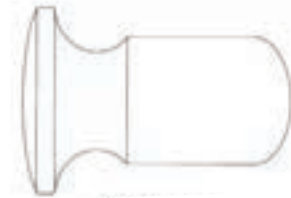


13-371-03

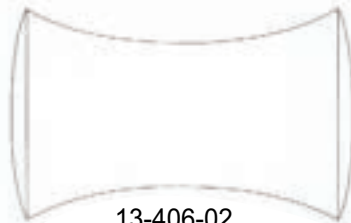




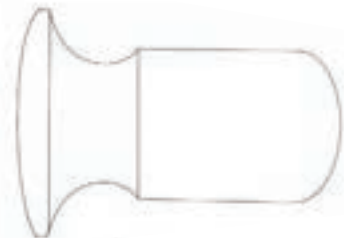
13-406-01
Ø 26 mm
300 g (10 1/2 oz.)



13-408-01
Ø 25 mm
120 g (4 1/2 oz.)



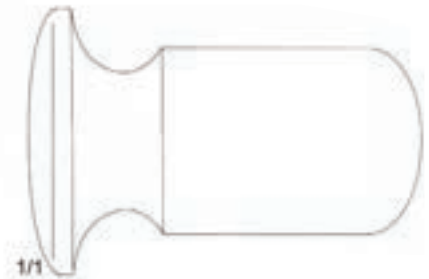
13-406-02
Ø 28 mm
340 g (12 oz.)



13-408-02
Ø 30 mm
180 g (6 1/2 oz.)



13-406-03
Ø 30 mm
400 g (14 oz.)



13-408-03
Ø 35 mm
260 g (9 oz.)

1/2

Williger

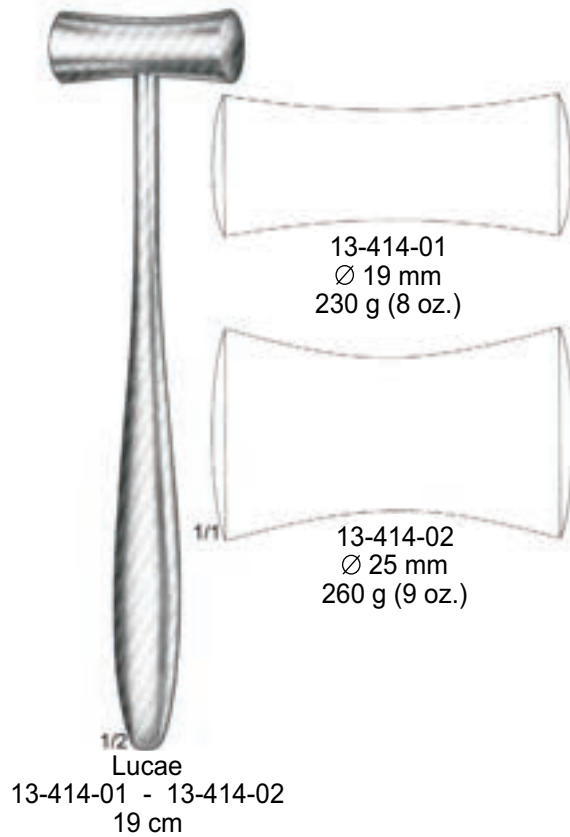
13-406-01 - 13-406-03
24 cm

(lead filled)

1/2

Doyen

13-408-01 20.5 cm
13-408-02 21.0 cm
13-408-03 21.5 cm





Ø 30 mm
 450 g (16 oz.)

1/2
 13-420-26
 26.5 cm



Ø 50 mm
 900 g (32 oz.)

1/2
 13-422-26
 26.5 cm



Ø 42 mm
 Ø 30 mm
 530 g (19 oz.)

1/2
 13-424-24
 24.0 cm



240 g (8 1/2 oz.)

1/2

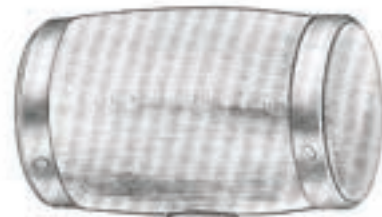
Cottle
13-430-19
19 cm



Ø 80 x 60 mm
400 g (14 1/4 oz.)

1/2

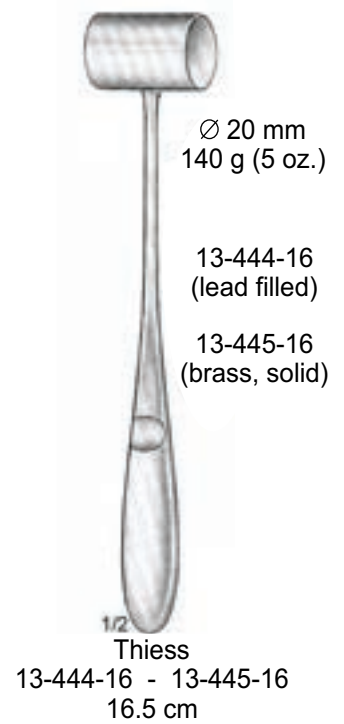
Steinbach
13-432-24
24 cm



Ø 45 mm
290 g (10 1/2 oz.)

1/2

13-434-23
23 cm



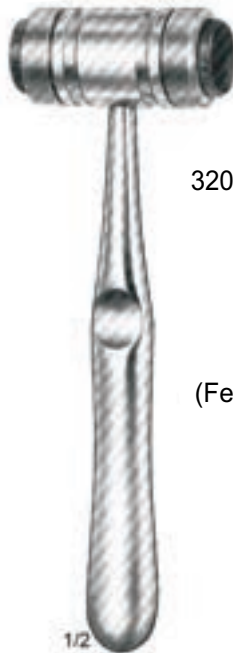


Ø 30 mm
510 g (18 oz.)

1/2

13-448-26
26 cm

with interchangeable
Ferrozell faces



Ø 26 mm
320 g (11 1/4 oz.)

13-450-17
(solid)

13-451-17
(Ferrozell Faces)

1/2

Mead
13-450-17 - 13-451-17
17 cm



Ø 22 mm
200 g (7 oz.)

1/2

Partsch
13-454-18
18 cm



Ø 42 mm

13-456-01 250 g
 (plastic, lead filled)

13-456-02 400 g
 (Ferozell, without lead)

13-456-01 - 13-456-02
 26 cm



Ø 42 mm
 400 g

13-458-26
 26 cm
 (Ferozell, lead filled)



Ø 30 mm
 675 g

13-460-26
 26 cm
 (repercussion free)



13-467-00

Spare Faces, pair



Ø 42 mm
 530 g (19 oz.)
 Ø 30 mm

1/2
 13-462-26
 26 cm
 (steel, solid)

(with plastic handle)



Ø 30 mm
 480 g

1/2
 13-464-24
 24 cm
 (steel, solid)

(with plastic handle)



Ø 37 mm
 370 g

1/2
 13-466-22
 22.5 cm
 (steel, solid)

(with Ferrozell faces)



Ø 30 mm
 125 g (4 oz.)

1/2
 13-468-18
 18 cm
 (Ferozell, solid)

(Ferozell, solid)



Ø 30 mm
450 g

1/2

13-470-01
26 cm
(steel, solid)



Ø 50 mm
900 g

1/2

13-470-02
26 cm
(steel, solid)

with interchangeable plastic disks
 pair of spare disks



Ø 25 mm
300 g

1/2

Vickers
13-472-19
19 cm



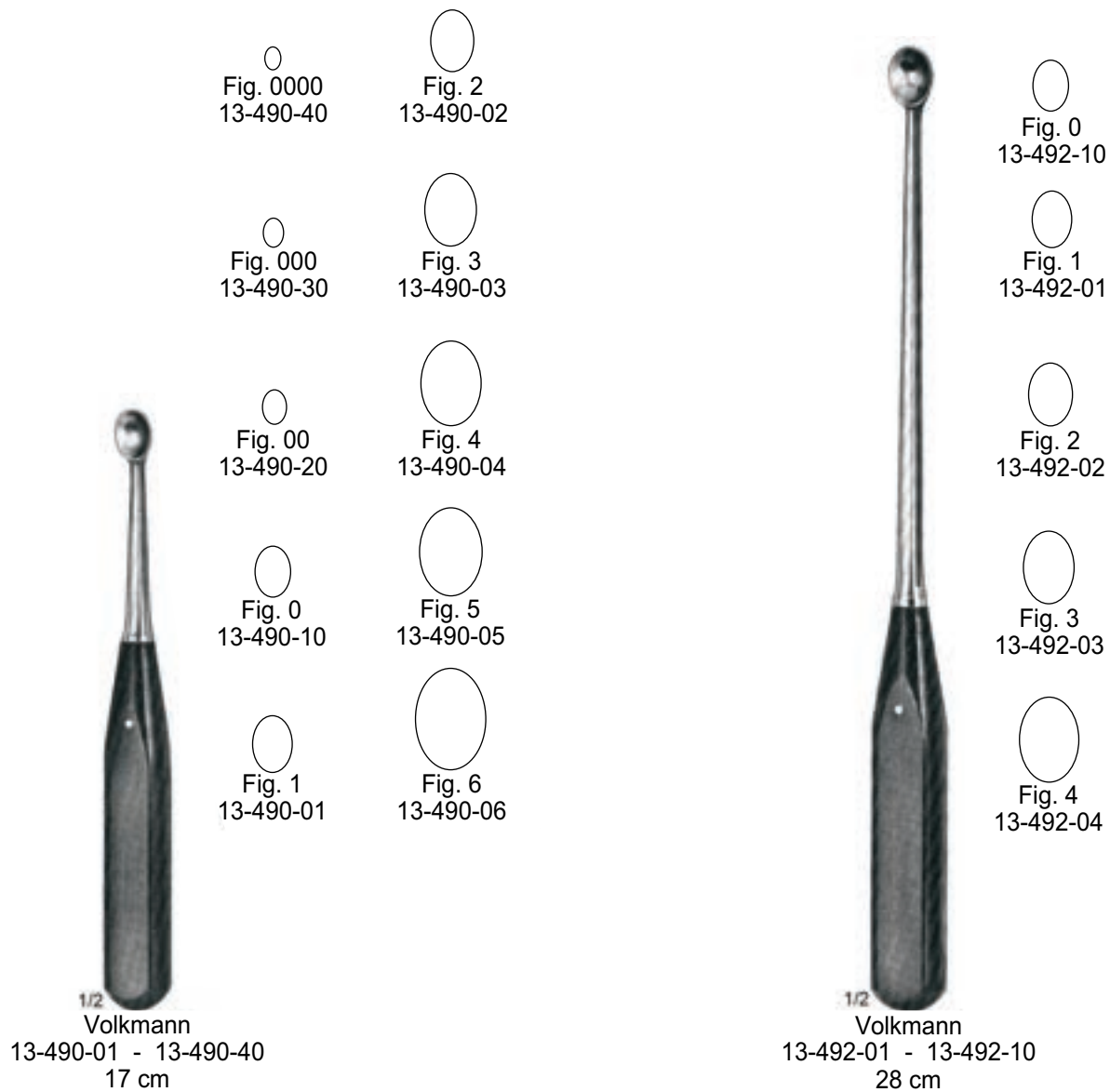


Fig. 000 13-500-30
 Fig. 00 13-500-20
 Fig. 0 13-500-10

Fig. 0000 13-502-40
 Fig. 000 13-502-30
 Fig. 00 13-502-20

Fig. 1 13-501-01
 Fig. 2 13-501-02
 Fig. 3 13-501-03

Fig. 0 13-502-10
 Fig. 1 13-503-01
 Fig. 2 13-503-02

Fig. 4 13-501-04

Fig. 3 13-503-03
 Fig. 4 13-503-04
 Fig. 5 13-503-05

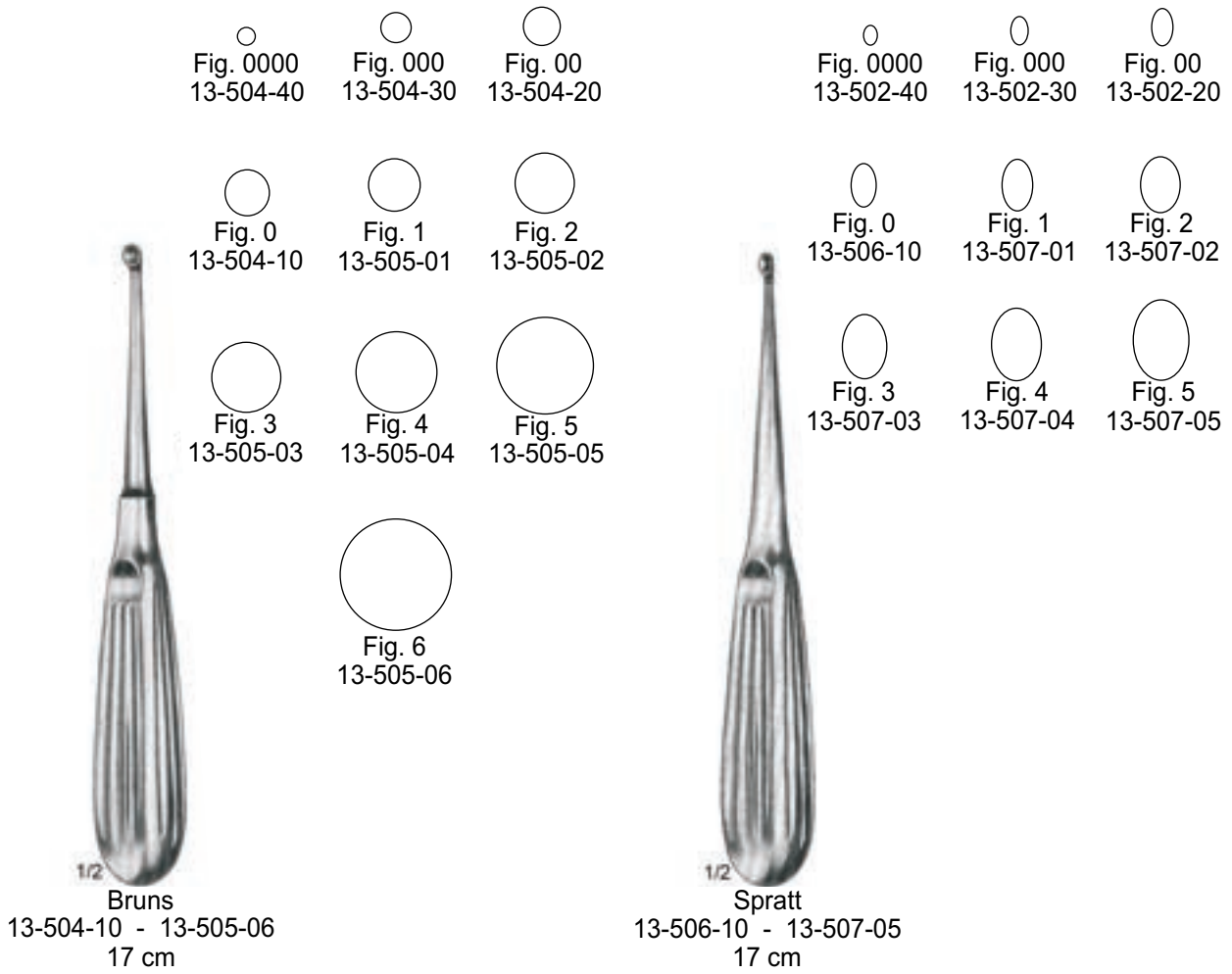
Fig. 6 13-503-06



1/2
 Schede
 13-500-10 - 13-501-04
 17 cm



1/2
 Volkmann
 13-502-10 - 13-503-06
 17 cm



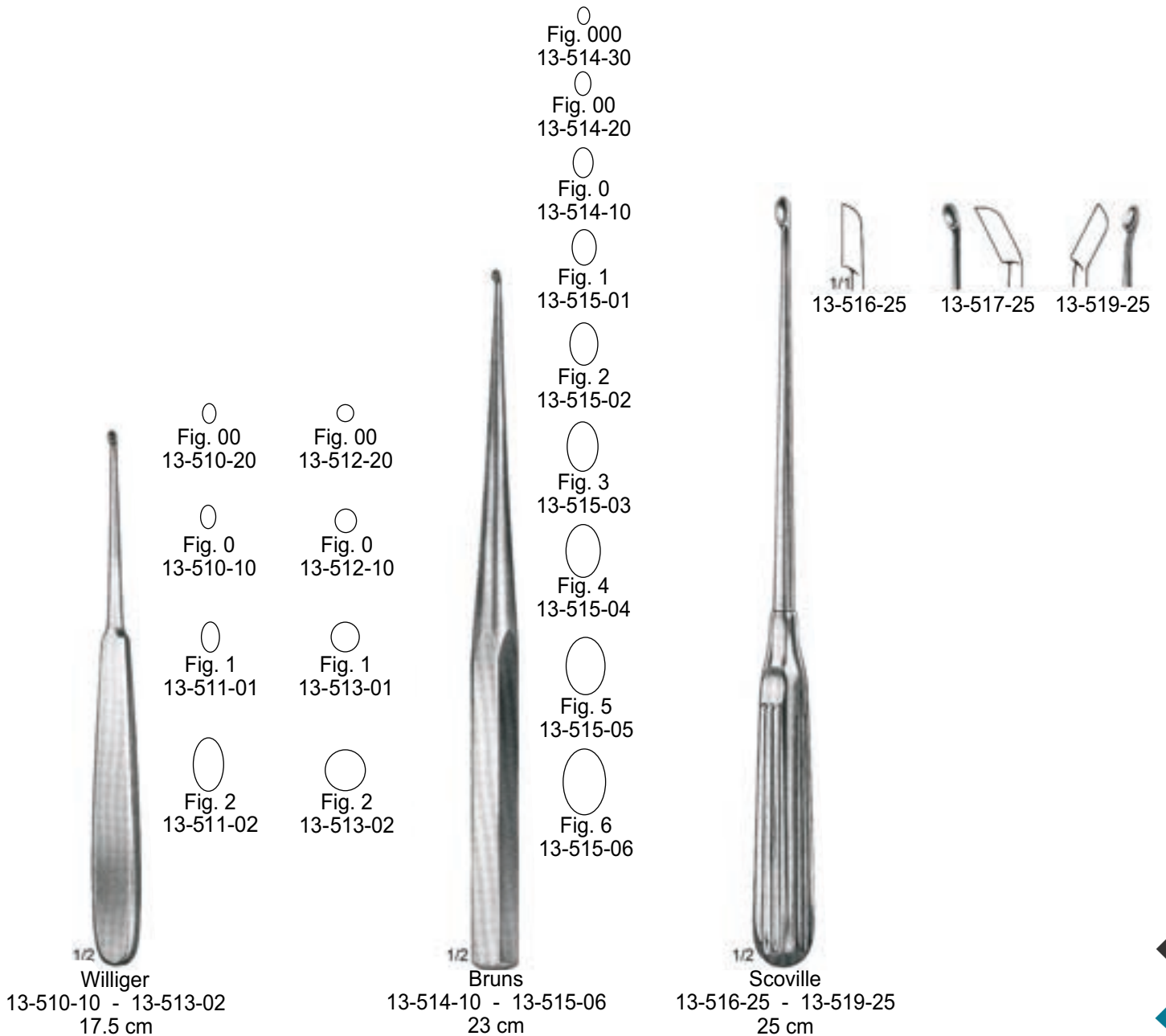


Fig. 000
13-520-00

Fig. 3
13-524-03

Fig. 000
13-521-00

Fig. 3
13-525-03

Fig. 00
13-522-00

Fig. 4
13-524-04

Fig. 00
13-523-00

Fig. 4
13-525-04

Fig. 0
13-524-00

Fig. 0
13-525-00

Fig. 1
13-524-01

Fig. 5
13-524-05

Fig. 1
13-525-01

Fig. 5
13-525-05

Fig. 2
13-524-02

Fig. 6
13-524-06

Fig. 2
13-525-02

Fig. 6
13-525-06



Cloward Hibbs Spratt Spinal Fusion
13-520-00 - 13-524-06
22.5 cm

Cloward Hibbs Spratt Spinal Fusion
13-521-00 - 13-525-06
22.5 cm



Left
 Uffenorde
 13-527-01
 17 cm



Right
 Uffenorde
 13-527-02
 17 cm



Daubenspeck
 13-528-20 - 13-529-02
 20 cm



Fig. 00
 13-528-20



Fig. 0
 13-528-10



Fig. 1
 13-529-01



Fig. 2
 13-529-02



13-530-00 - 13-530-03
25 cm

3.6 mm
13-530-00

4.4 mm
13-530-01

5.2 mm
13-530-02

6.0 mm
13-530-03




13-531-00 - 13-531-03
25 cm


3.6 mm
13-531-00


4.4 mm
13-531-01


5.2 mm
13-531-02


6.0 mm
13-531-03



 13-534-00
 3.0 x 5.0 mm



 13-536-00
 3.0 x 5.0 mm



 13-538-00
 4.06 x 5.08 mm



 13-534-01
 3.5 x 5.5 mm



 13-536-01
 3.5 x 5.5 mm



 13-538-01
 5.08 x 6.35 mm



 13-534-02
 4.5 x 6.4 mm



 13-536-02
 4.5 x 6.4 mm



 13-538-02
 6.10 x 7.62 mm



 13-534-03
 5.0 x 8.0 mm



 13-536-03
 5.0 x 8.0 mm



 13-538-03
 7.11 x 8.89 mm



 13-534-04
 6.0 x 9.0 mm



 13-536-03
 5.0 x 8.0 mm



 13-538-04
 8.13 x 10.16 mm



 13-534-05
 7.0 x 11.0 mm



 13-536-05
 7.0 x 11.0 mm



 13-538-05
 9.14 x 11.43 mm



 13-534-06
 8.5 x 12.5 mm



 13-536-06
 8.5 x 12.5 mm



 13-538-06
 10.16 x 12.70 mm



 13-534-07
 9.5 x 14.5 mm


 13-536-07
 9.5 x 14.5 mm


 13-538-07
 11.18 x 13.97 mm


 13-534-08
 10.5 x 16.8 mm


 13-536-08
 10.5 x 16.8 mm


 13-538-08
 12.19 x 15.24 mm



1/2 Hatfield

13-534-00 - 13-534-08
 23 cm



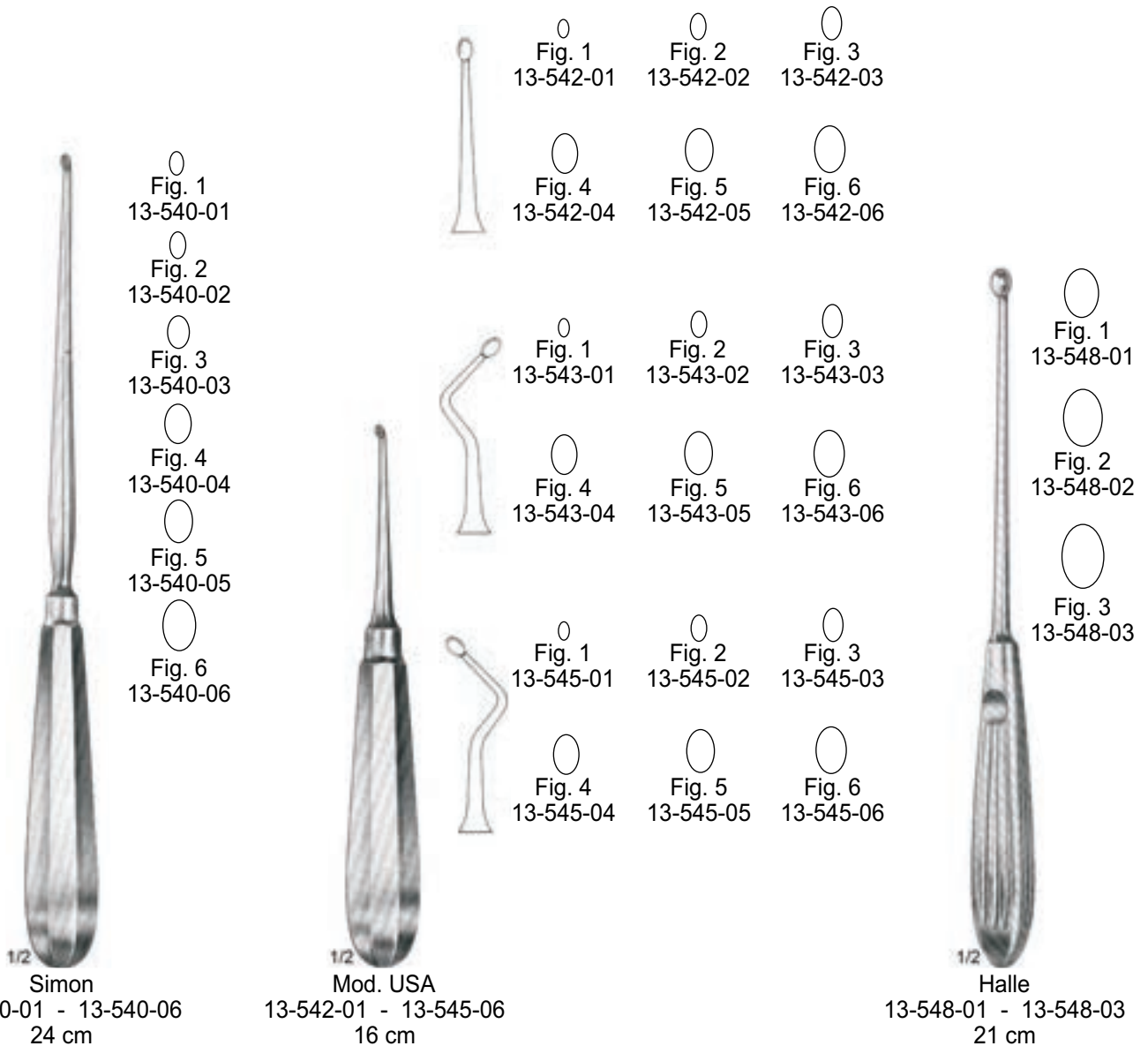
1/2 Hatfield

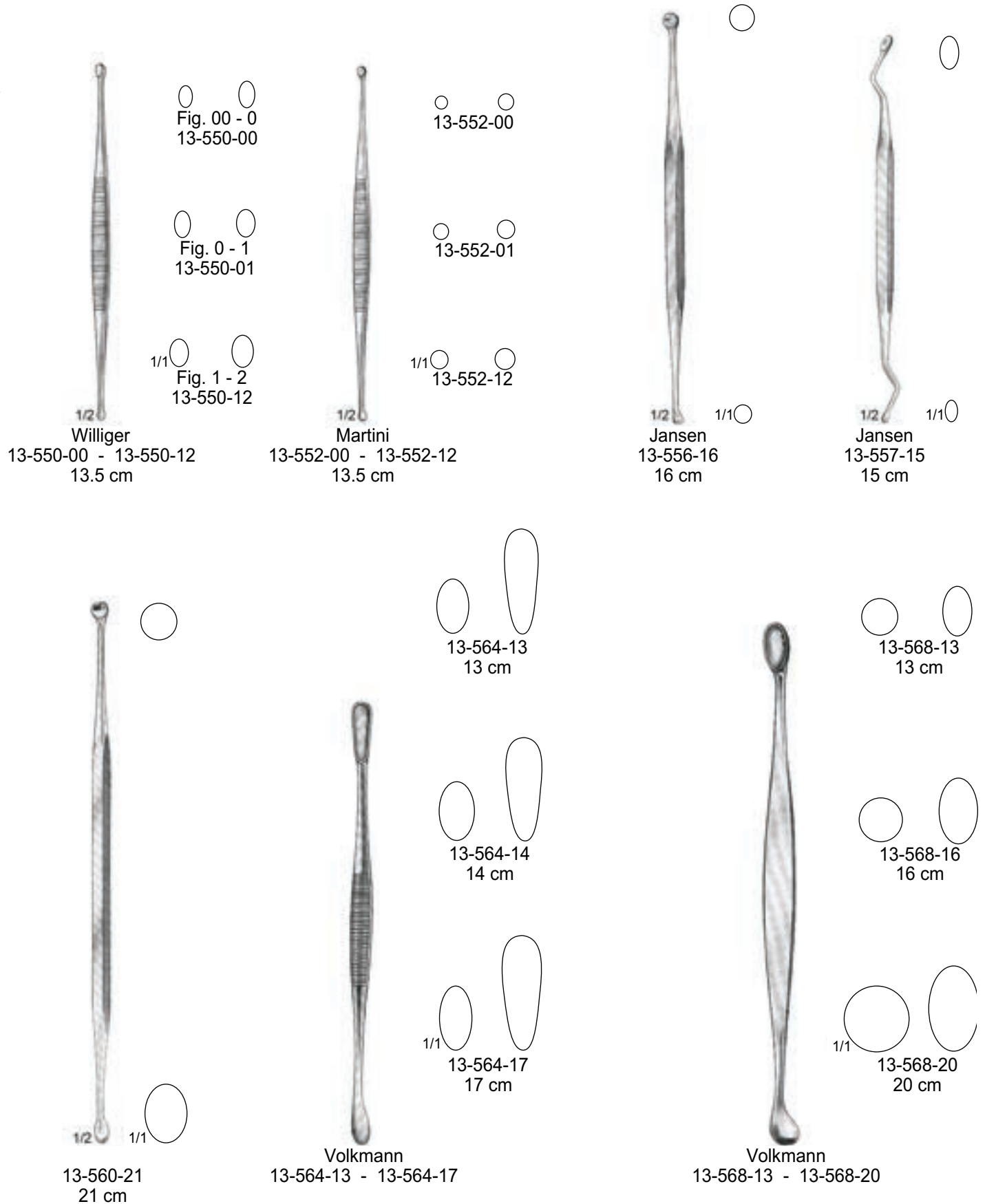
13-536-00 - 13-536-08
 28 cm

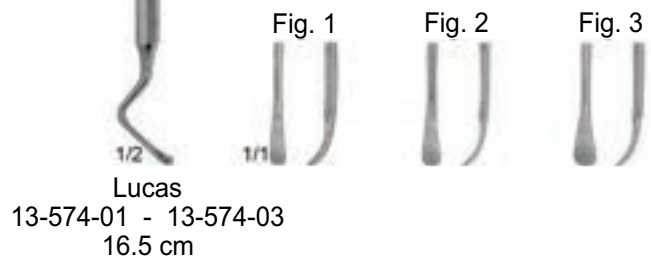
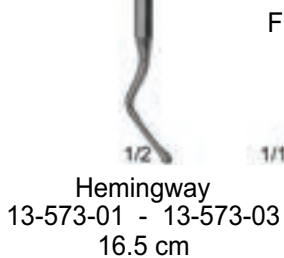
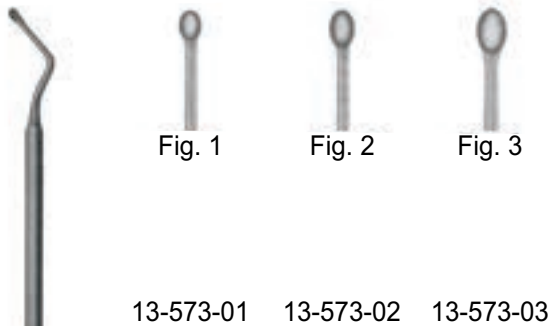
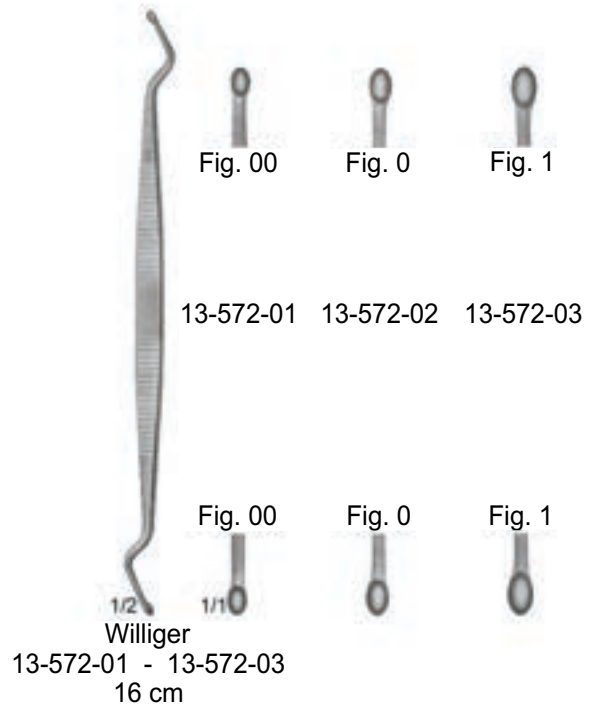


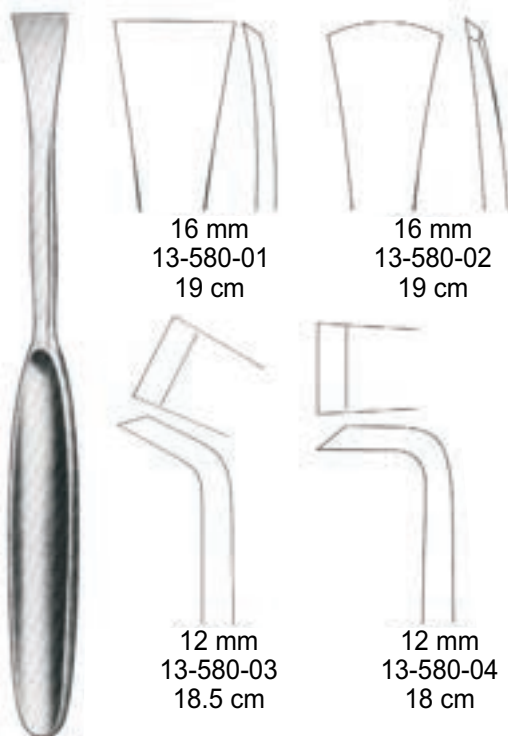
1/2 Cobb

13-538-00 - 13-538-08
 28 cm









16 mm
13-580-01
19 cm

16 mm
13-580-02
19 cm

12 mm
13-580-03
18.5 cm

12 mm
13-580-04
18 cm

Martin - Langenbeck
13-580-01 - 13-580-04



7 mm
13-580-10
16 cm

15 mm
13-580-11
18.5 cm

20 mm
13-580-12
20 cm

Martin - Hoen
13-580-10 - 13-580-12



4 mm
13-580-20
17 cm

5 mm
13-580-21
17 cm

6 mm
13-580-25
19.5 cm

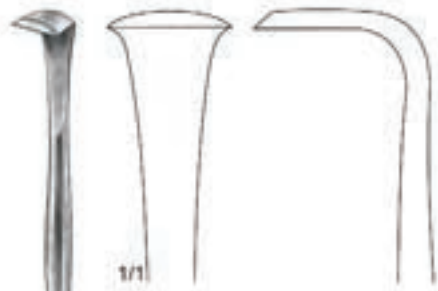
7 mm
13-580-26
19.5 cm

Martin - Cushing
13-580-20 - 13-580-26



8 mm

Martin - Cushing
13-580-30
17 cm



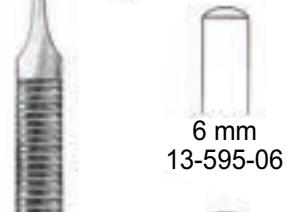
1/2
 Langenbeck
 13-591-18
 18 cm



1/2
 Langenbeck
 13-593-19
 19 cm



5 mm
 13-595-05



6 mm
 13-595-06

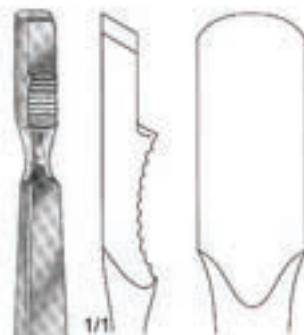


1/1
 7 mm
 13-595-07

13-595-05 - 13-595-07
 16 cm



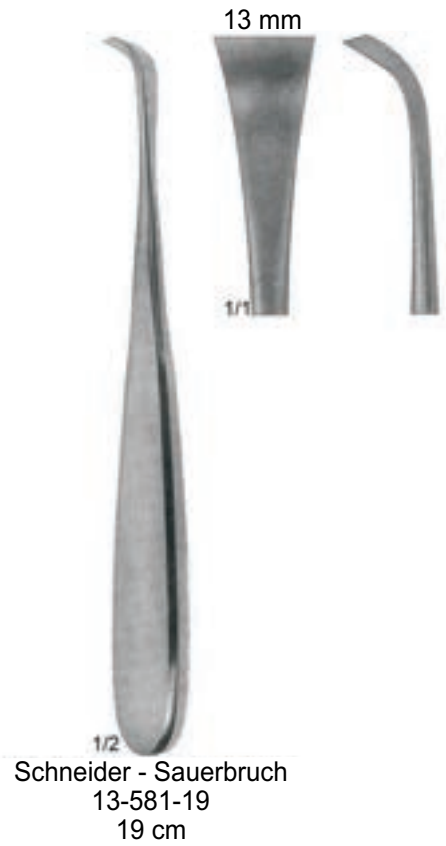
1/2
 Sedillot
 13-597-21
 21 cm



1/2
 Farabeuf
 13-598-15
 15 cm



1/2
 Farabeuf
 13-599-15
 15 cm





13-585-10
10 mm

Handle from artificial wood



13-585-13
13 mm

21 mm



13-589-08
8 mm



13-585-19
19 mm



13-585-25
25 mm



13-587-27
27.5 cm



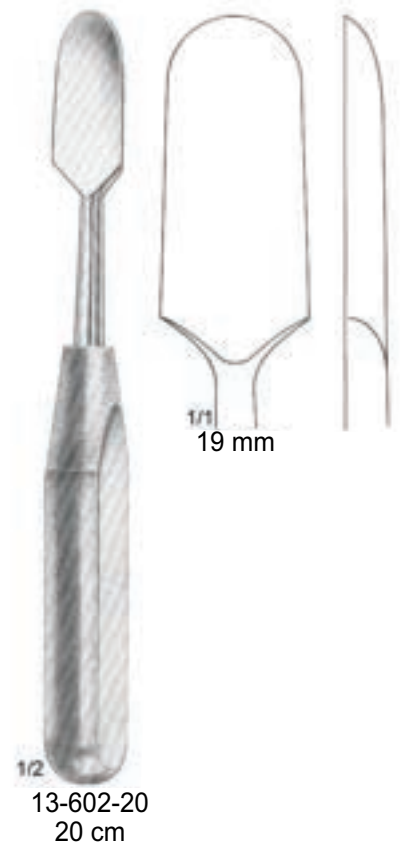
13-589-17
33 cm



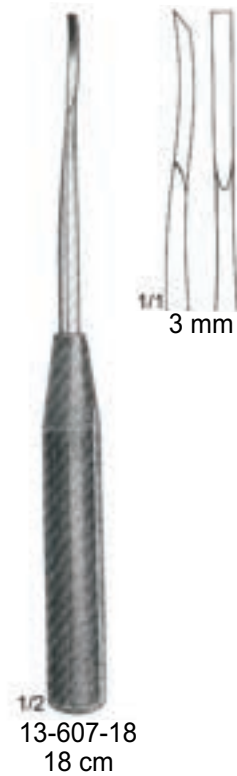
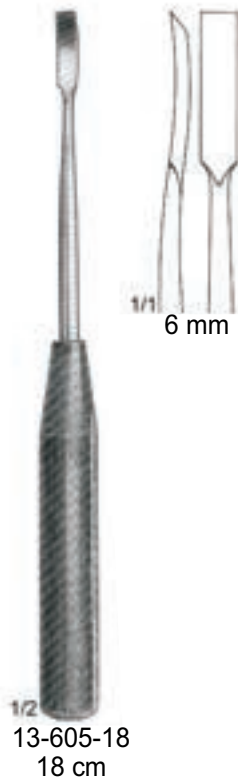
13-589-17
17 mm

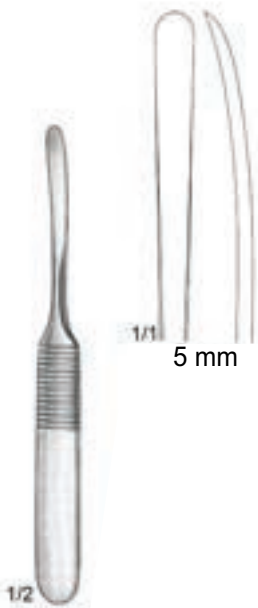


Cobb
13-585-10 - 13-585-25
25 cm

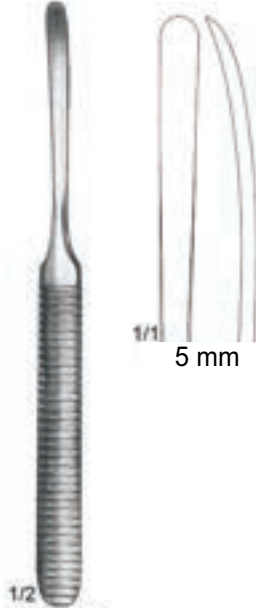


Handle from artificial wood

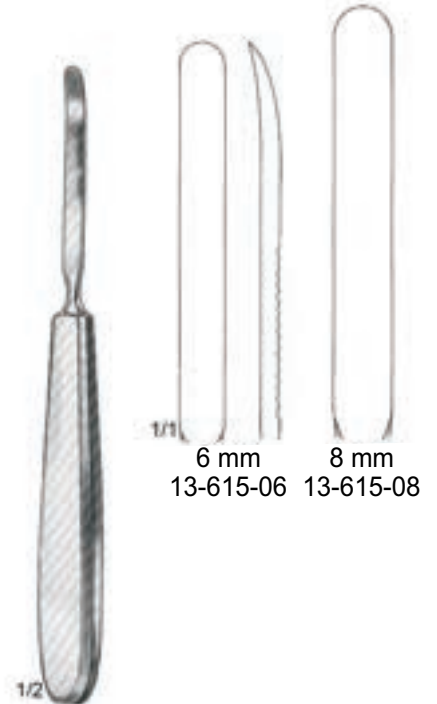




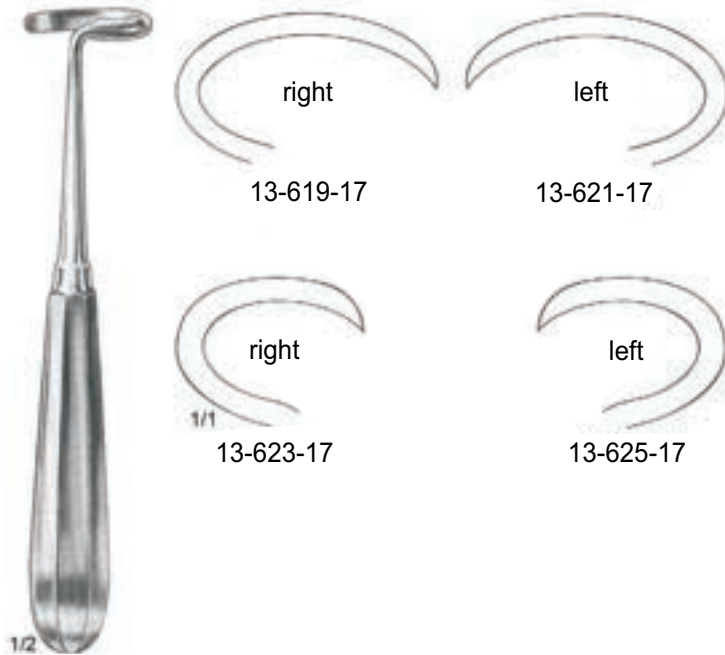
1/2
 Williger
 13-611-13
 13 cm



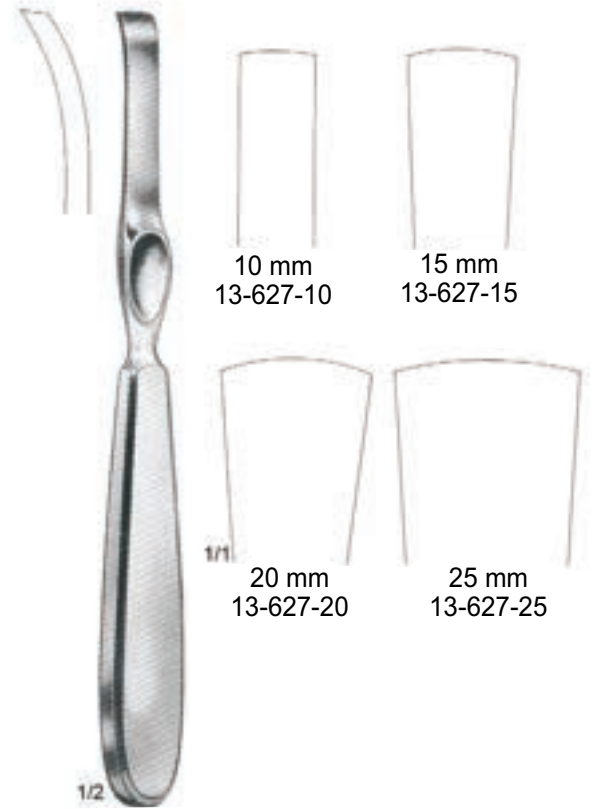
1/2
 Williger
 13-613-16
 16 cm



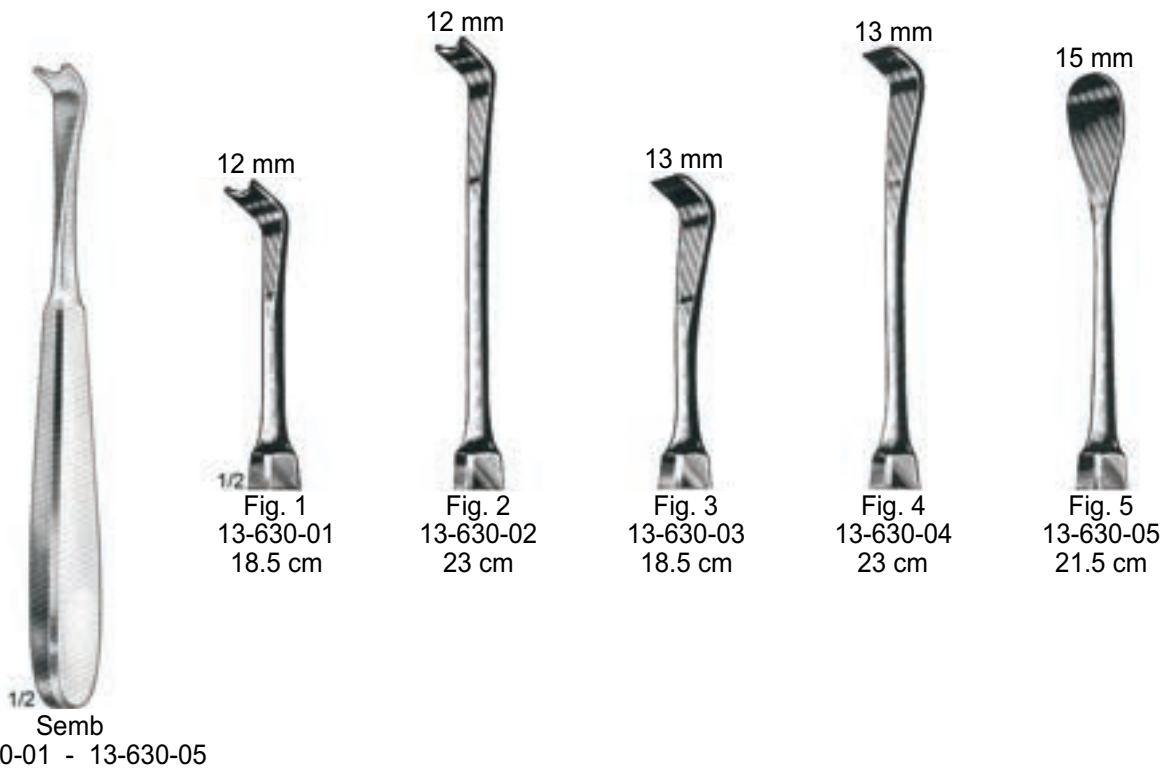
1/1
 6 mm 8 mm
 13-615-06 13-615-08
 1/2
 13-615-06 - 13-615-08
 17 cm



1/2
 Doyen
 13-619-17 - 13-625-17
 17 cm



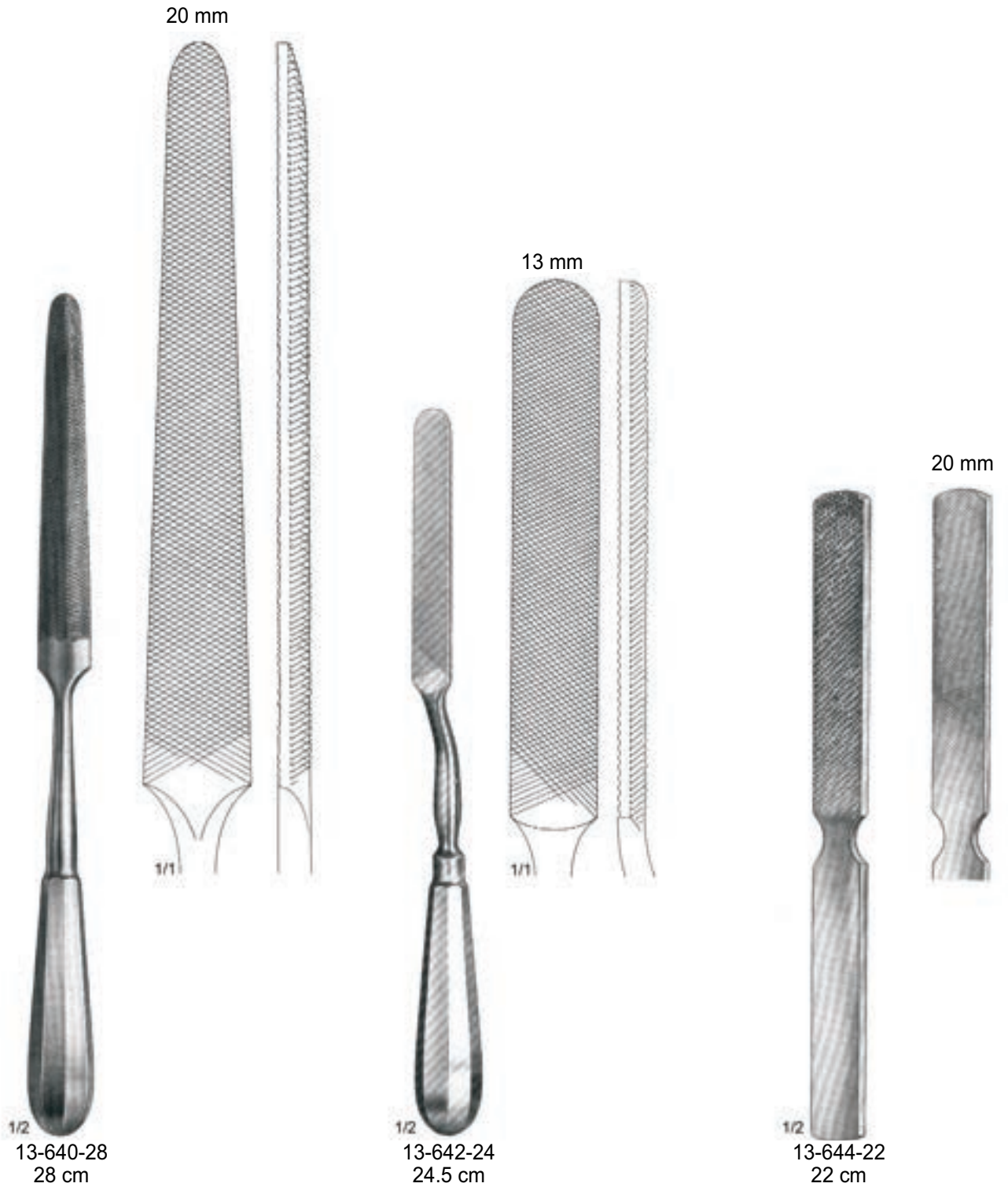
1/2
 Lambotte
 13-627-10 - 13-627-25
 21 cm

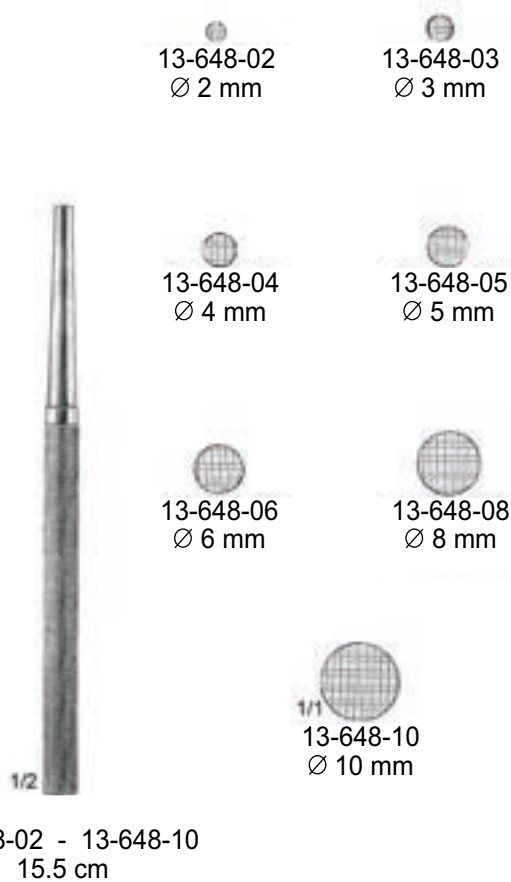


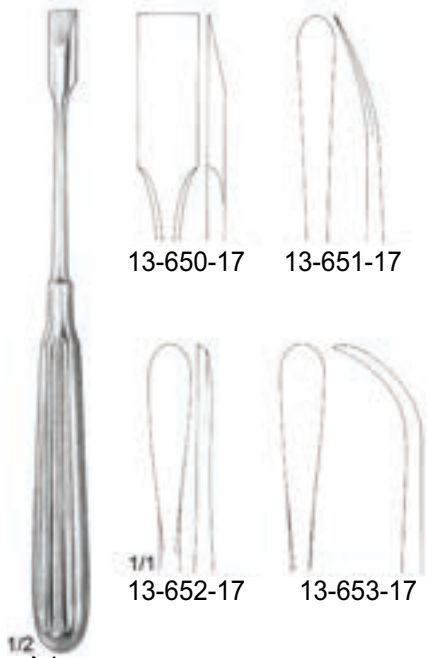


1/2
Semb
13-632-01 - 13-632-05

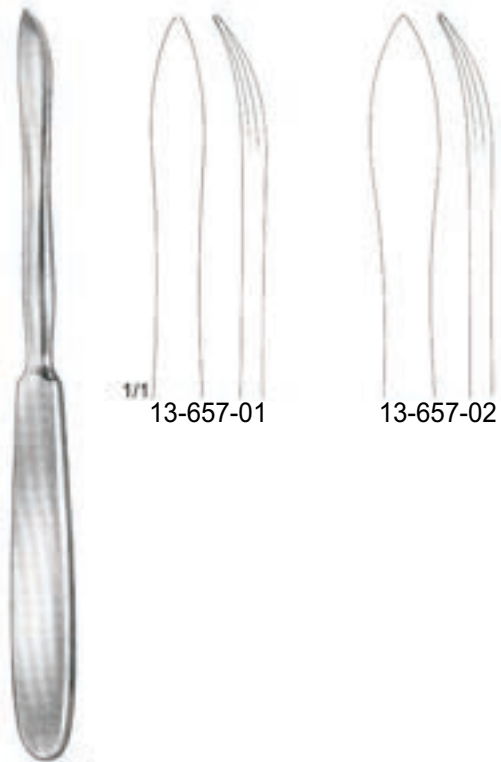








^{1/2}
Adson
13-650-17 - 13-653-17
17 cm

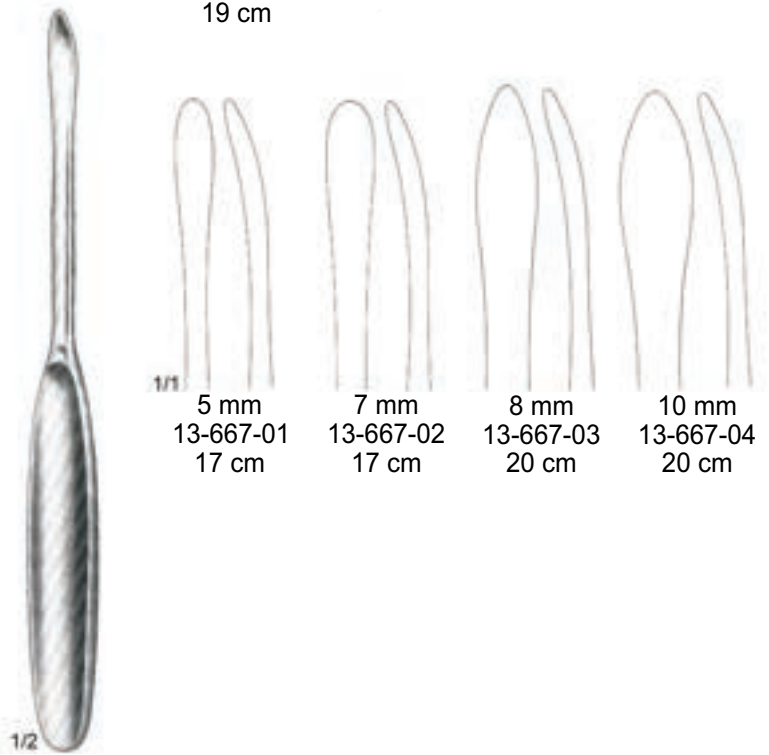


^{1/1}
Langenbeck
13-657-01 - 13-657-02
19 cm



^{1/2}
Williger
13-661-17
17 cm

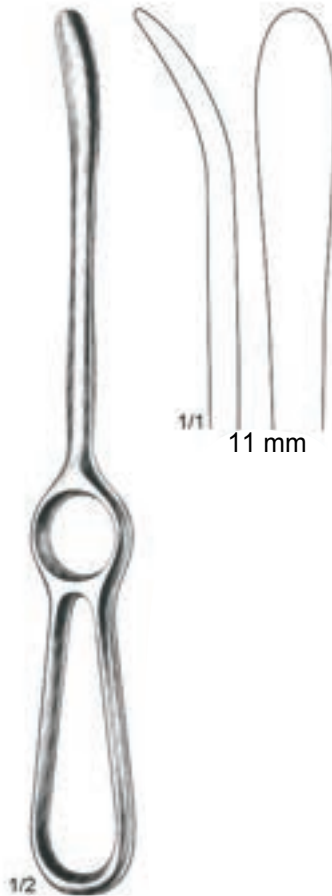
^{1/2}
Williger
13-663-16
16 cm



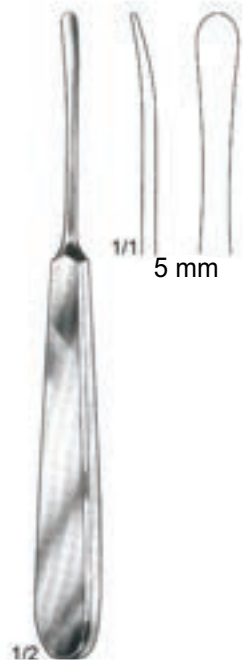
^{1/2}
Martin-Langenbeck
13-667-01 - 13-667-04



Cobb
13-670-01 - 13-670-03
28 cm



Langenbeck
13-673-23
23 cm



Sebileau
13-675-17
17.5 cm



1/2
Vickers
13-677-17
17 cm



1/2
Vickers
13-679-17
17 cm



1/2
13-681-17
17.5 cm



1/2
13-683-16
16 cm



1/2
13-685-16
16 cm



1/2
Alderdyce
13-687-21
21 cm



1/2
McDonald
13-689-19
19 cm



13-690-14
14 cm



Buck - Gramcko
13-690-15
15 cm



13-693-15
16 cm



13-693-16
12 cm



13-691-14
14 cm

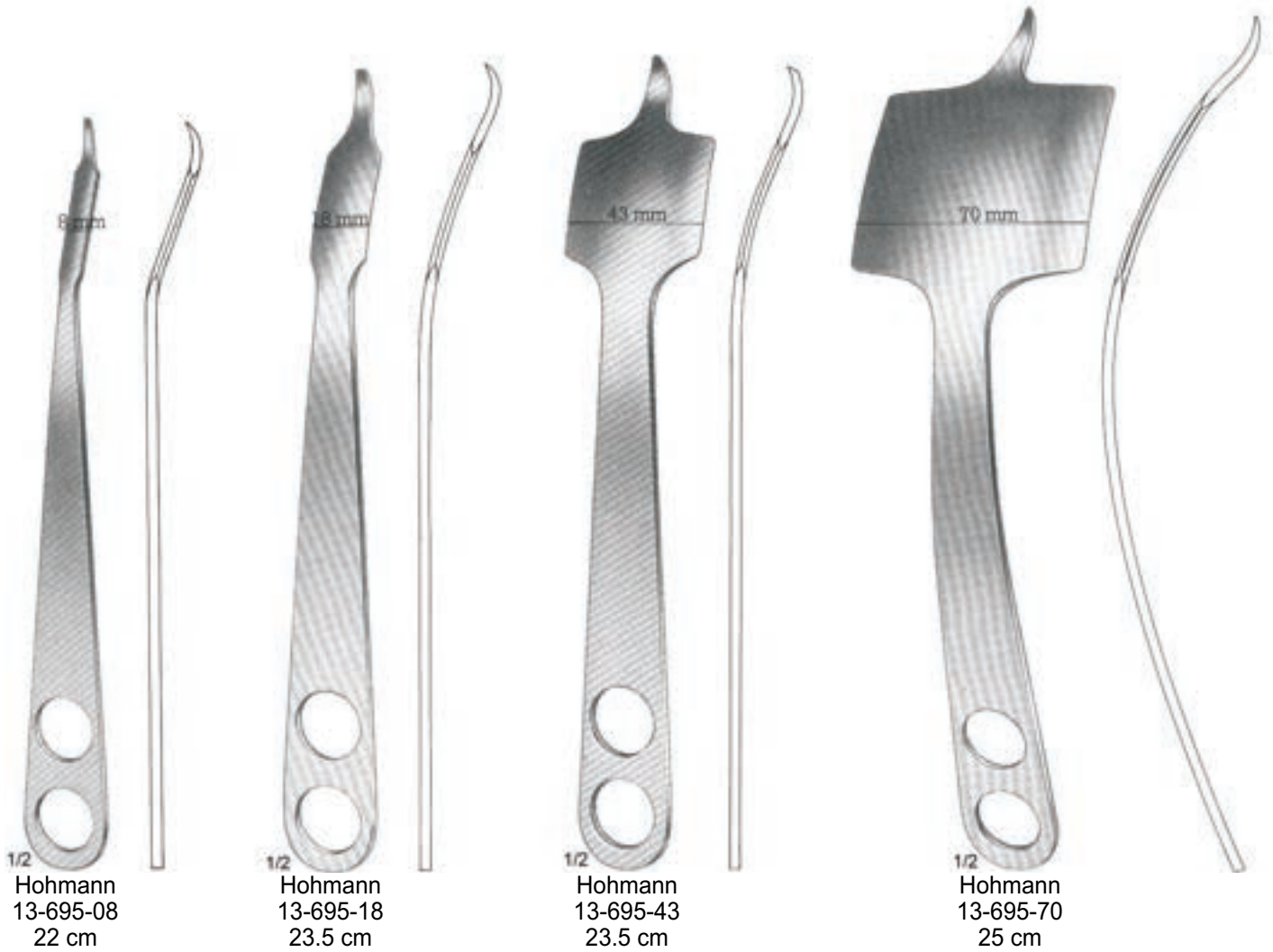


Mini-Hohmann
13-693-06 - 13-693-08
16 cm



13-693-08





1/2
 Hohmann
 13-695-08
 22 cm

1/2
 Hohmann
 13-695-18
 23.5 cm

1/2
 Hohmann
 13-695-43
 23.5 cm

1/2
 Hohmann
 13-695-70
 25 cm



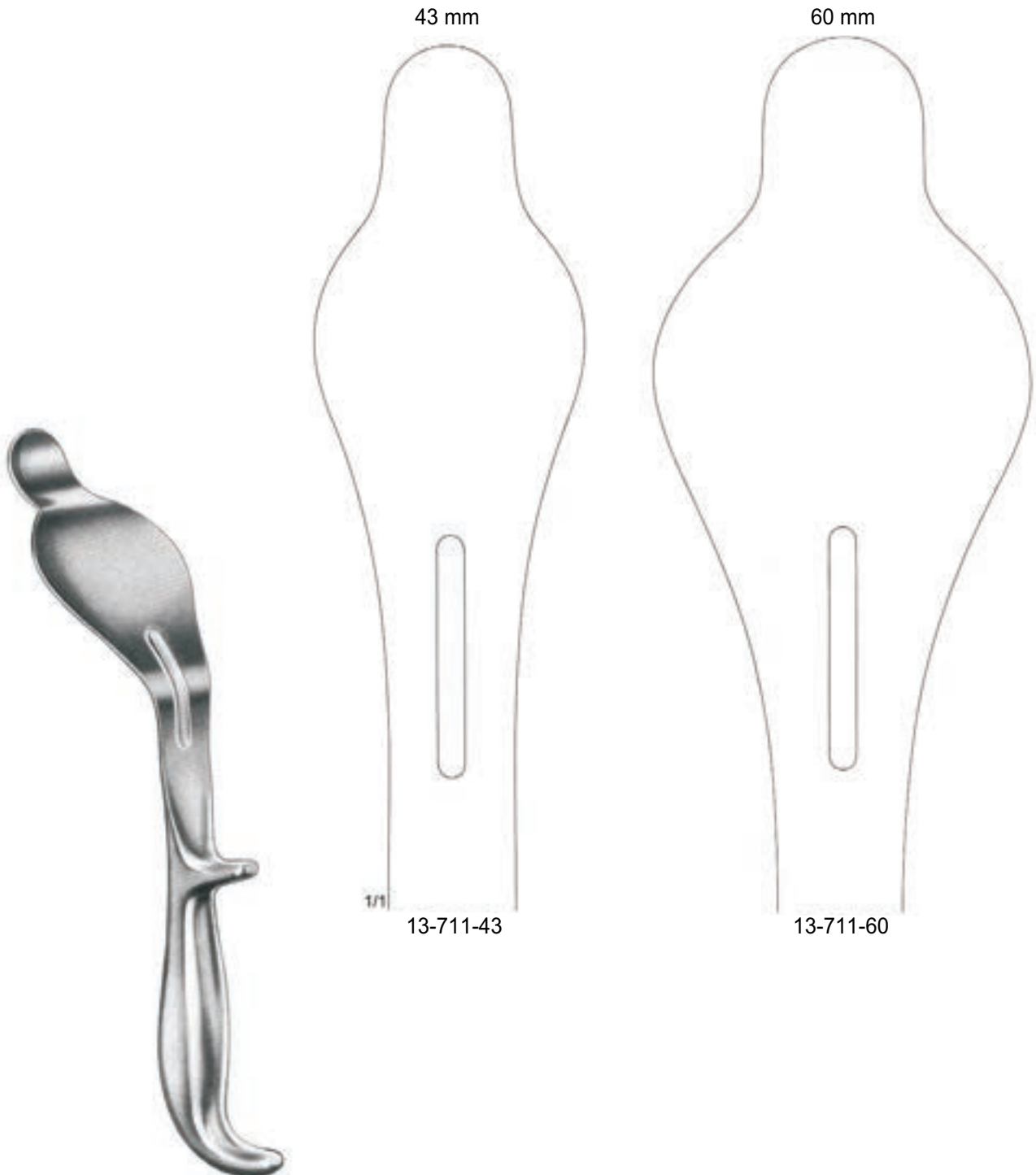
1/2
 Hohmann
 13-701-43
 23.5 cm

1/2
 Hohmann
 13-703-22
 25.5 cm

1/2
 Hohmann
 13-705-35
 29 cm

1/2
 Hohmann
 13-707-24
 27.5 cm

1/2
 Hohmann
 13-709-22
 25 cm



Bennett
13-711-43 - 13-711-60
24 cm

13-712-01
26.5 cm
30 mm



Lange - Hohmann Modif
13-712-01 - 13-712-02

13-712-02
29 cm
33 mm



Hohmann - Aldinger
13-712-03
27 cm

18 mm



Schumacher
13-712-04
34.5 cm
(Wagner)

24 mm

37 mm

18 mm



Schumacher
13-712-05
29 cm

35 mm

13-713-01
32 x 19 mm

13-713-02
48 x 19 mm

13-713-03
57 x 19 mm



Smillie
13-713-01 - 13-713-05
14 cm



13-713-04
52 x 13 mm



13-713-05
12 x 13 mm



Wagner
13-713-06
22 cm



Murphy - Lane
13-713-07
32 cm

13-713-08
18 cm 13 mm

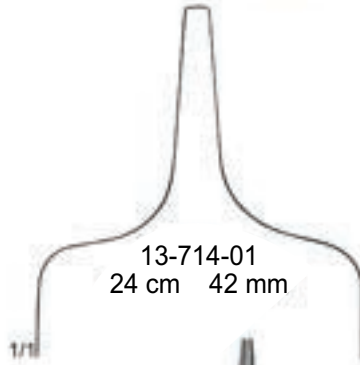
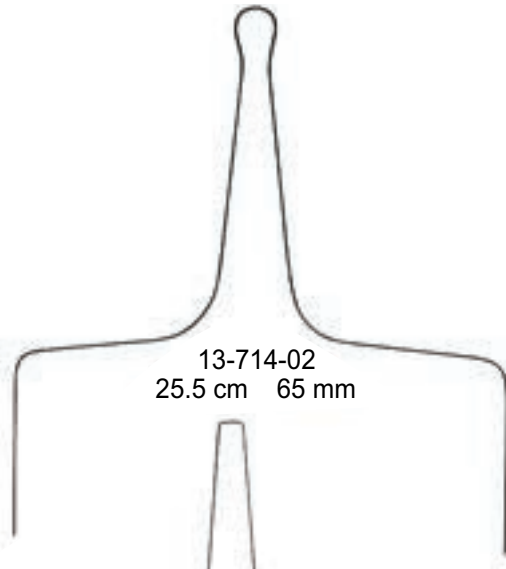
13-713-09
20 cm 19 mm

13-713-10
23 cm 25 mm

13-713-11
25 cm 30 mm



Chandler
13-713-08 - 13-713-11



Verbrugge - Müller
13-714-01 - 13-714-02



Lane Trethowan
13-714-03
21.5 cm



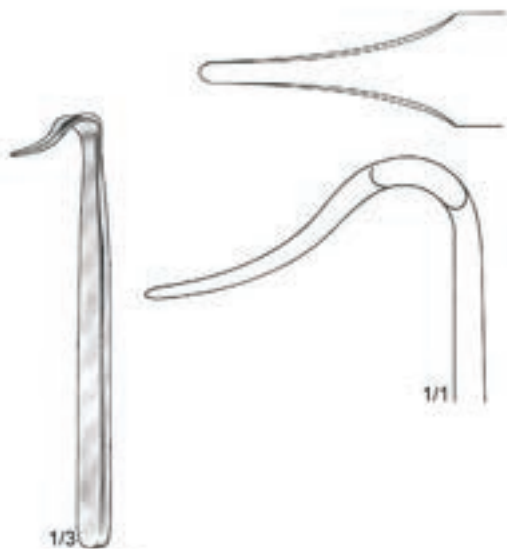
Lane
13-714-04
25.5 cm



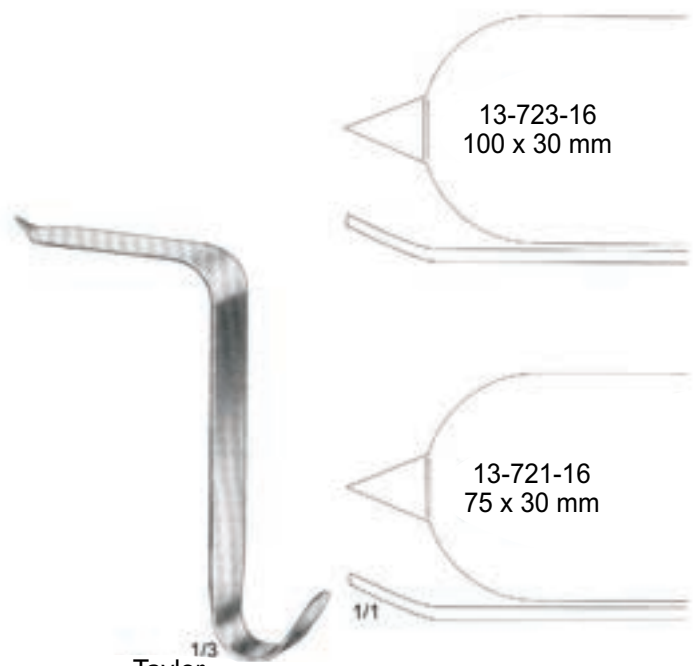
1/3
 Blount
 13-715-26
 26 cm



1/3
 Blount
 13-717-26
 26 cm



1/3
 Schumacher
 13-712-04
 34.5 cm



1/3
 Taylor
 13-721-16 - 13-723-16
 16.5 cm

13-723-16
 100 x 30 mm

13-721-16
 75 x 30 mm



13-725-19



13-727-19

33 mm

1/2

Bircher

13-725-19 - 13-727-19

19 cm



13-730-17



13-731-17



13-733-17

1/2

Smillie

13-730-17 - 13-733-17

17 cm

Right

Left



1/1

1/2

13-735-18

18 cm



13-737-22

Left



13-739-22

Right

1/2

Neff

13-737-22 - 13-739-22

22 cm



1/2

Salenius

13-740-22

22 cm

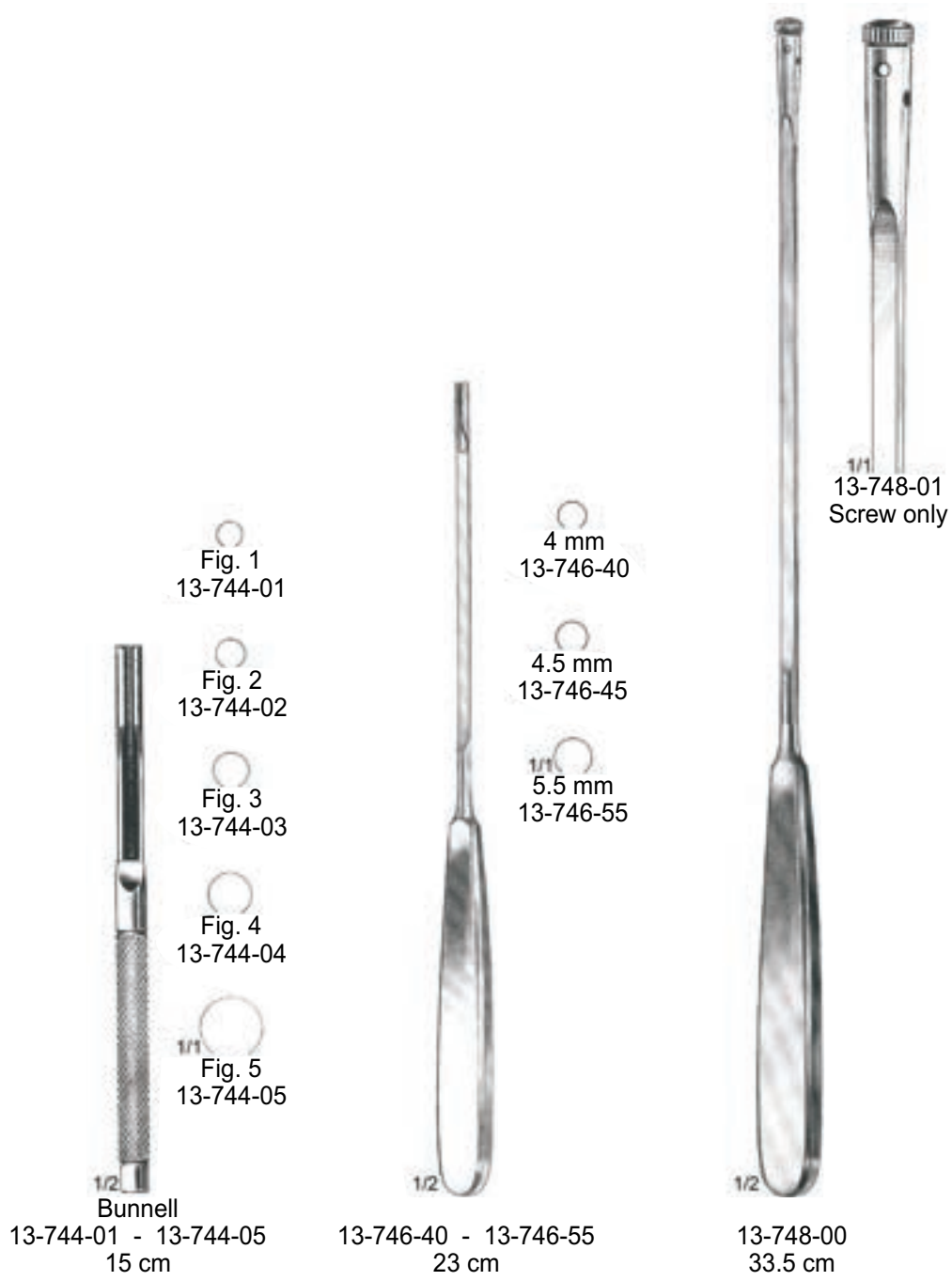


1/2

Salenius

13-741-22

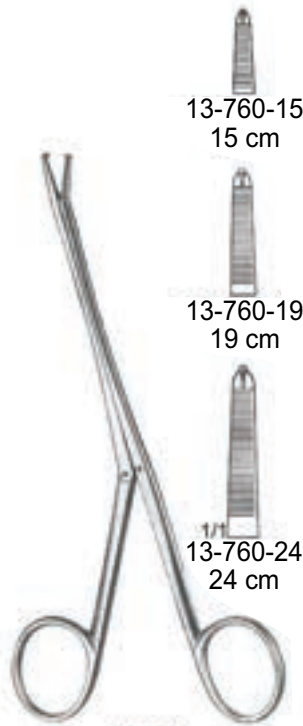
22 cm



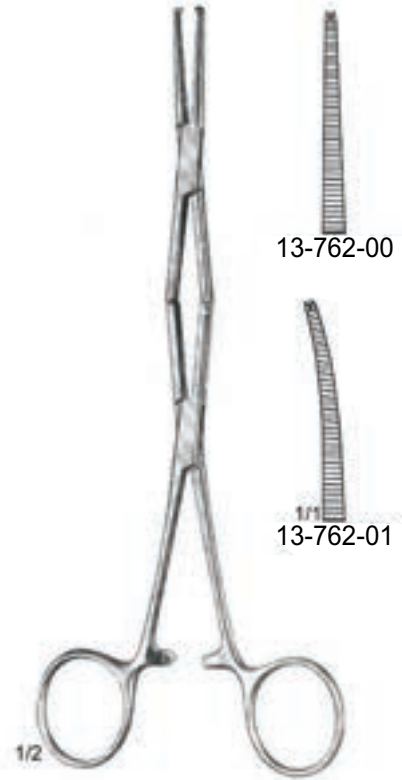




Steinmann
 13-758-16
 16 cm



Brand
 13-760-15 - 13-760-24



13-762-00 - 13-762-01
 20.5 cm

Fine Serrations

Coarse Serrations



Herz
 13-764-01 - 13-764-02
 15.5 cm



13-764-02



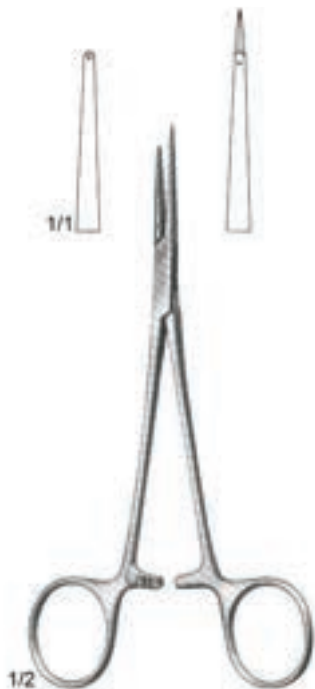
Caroll
 13-765-11
 11 cm



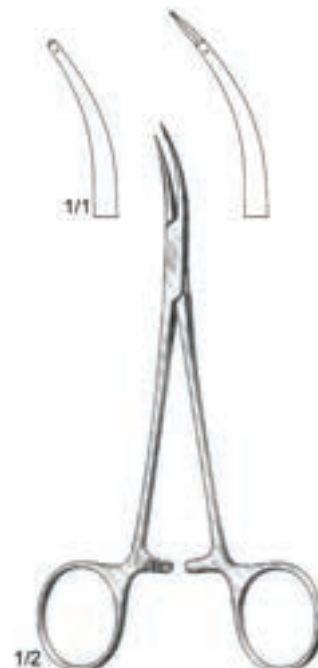
13-766-13
13 cm



Kleinert-Kutz
13-767-20
20 cm



13-768-15
15 cm



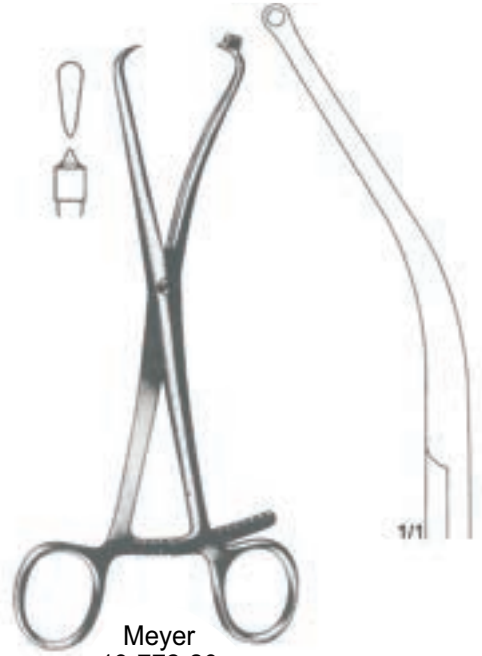
13-769-15
15 cm



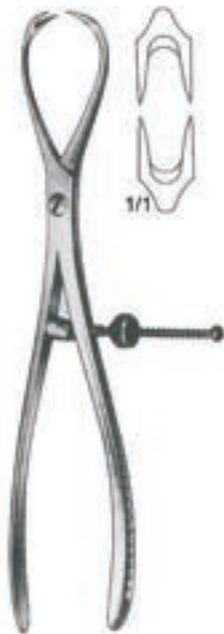
Reill
13-770-20
20 cm



Meyer
13-772-17
17 cm



Meyer
13-772-20
20.5 cm



Patella
13-774-18
18 cm



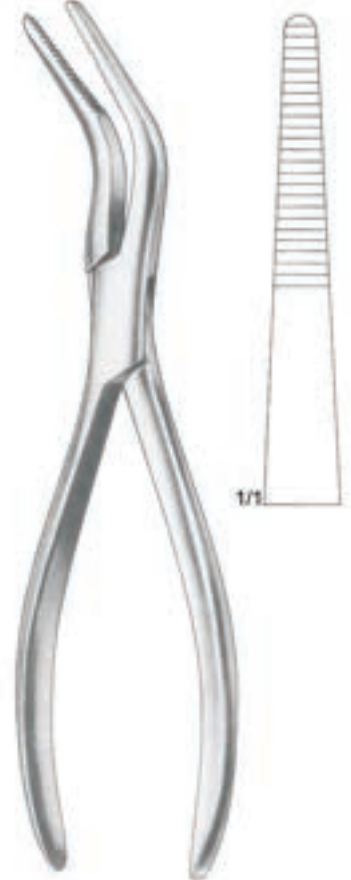
13-776-20 - 13-777-20
20 cm



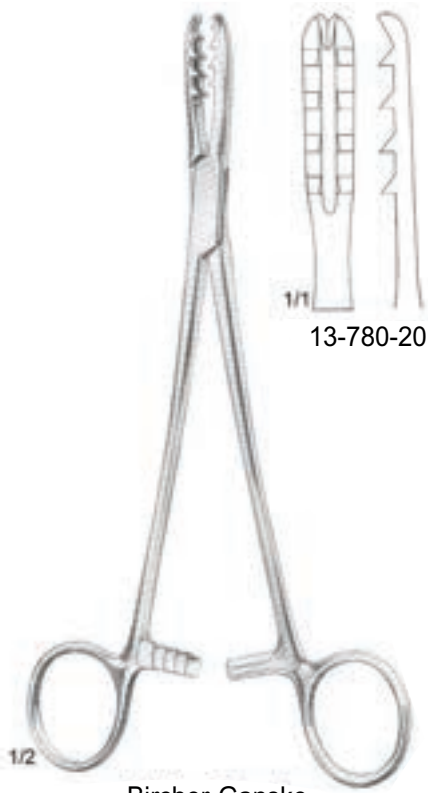
13-776-20



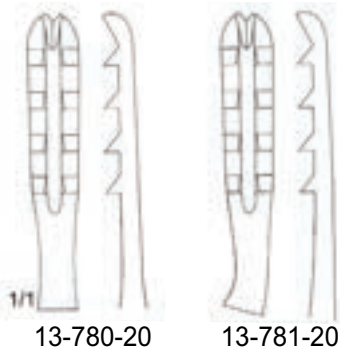
13-777-20



Van Buren
13-778-23
23cm



Bircher-Ganske
 13-780-20 - 13-781-20
 20 cm



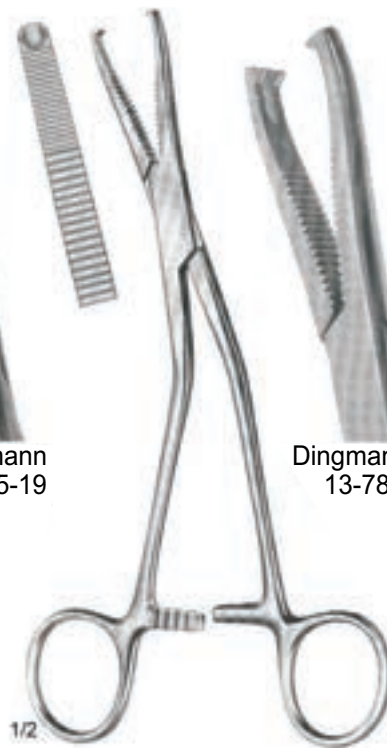
Bircher-Ganske
 13-783-20
 20 cm



13-784-14
 14 cm



Dingmann
 13-785-19



Dingmann Mod.
 13-787-19



Martin
 13-788-19
 19 cm

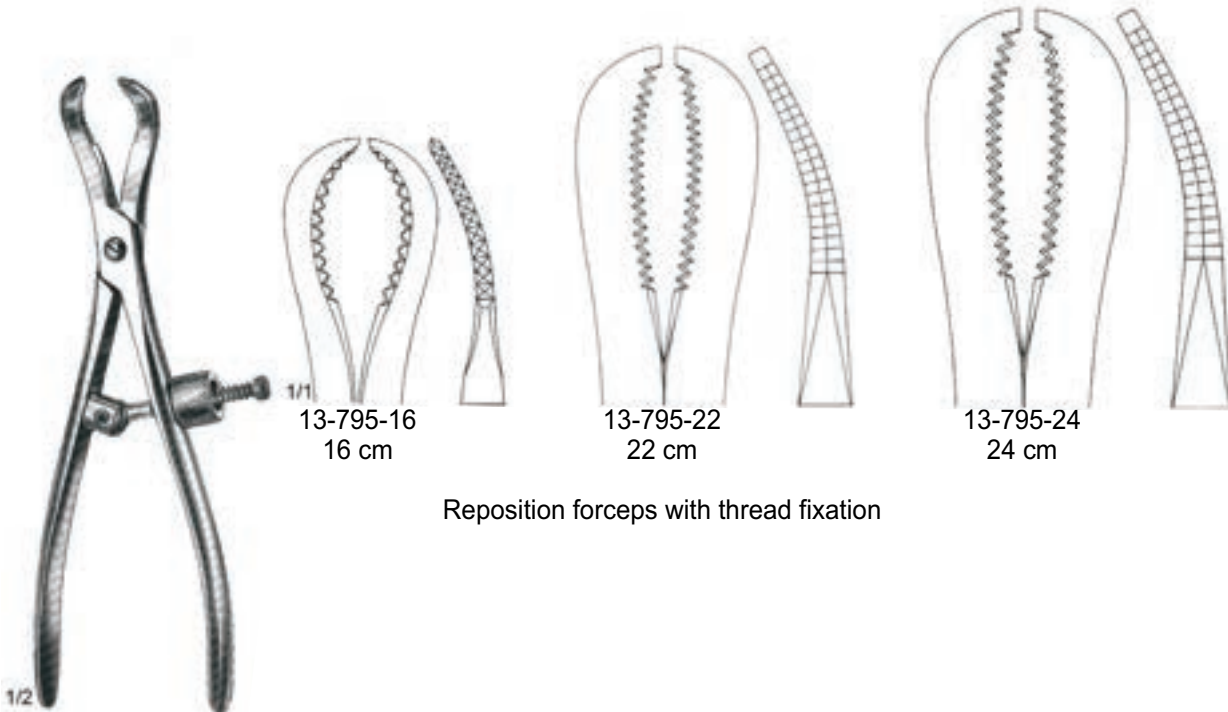




13-791-12
12 cm



Lewin
13-792-17
17.5 cm



13-795-16
16 cm

13-795-22
22 cm

13-795-24
24 cm

Reposition forceps with thread fixation

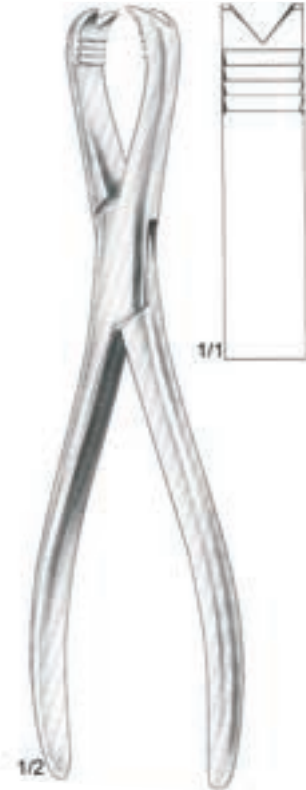
13-795-16 - 13-795-24



13-800-14
14 cm



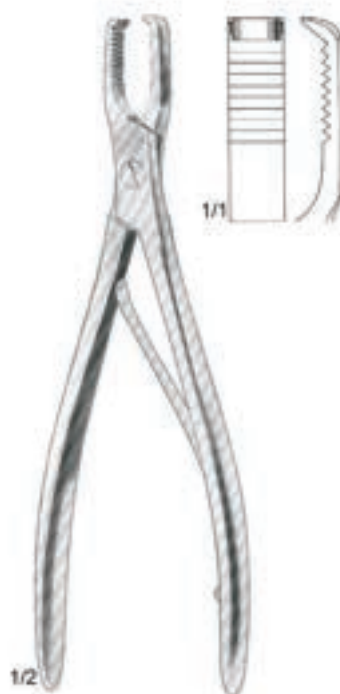
13-801-13
13.5 cm



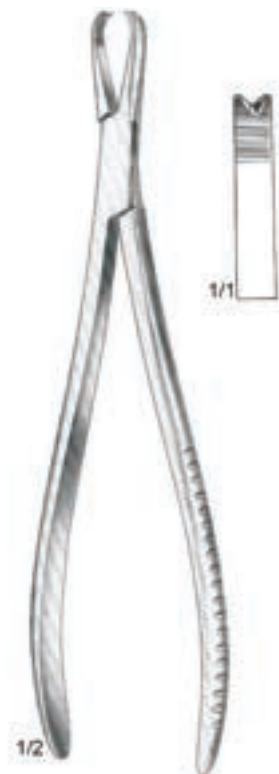
Langenbeck
13-802-21
21 cm



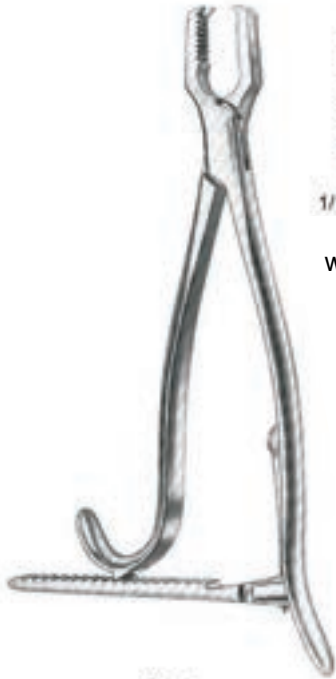
Fergusson
13-804-21
21 cm



Frosch
13-806-18
18 cm



13-808-20
20 cm



13-810-15
without ratchet

13-812-15
with ratchet



13-810-21
without ratchet

13-812-21
with ratchet

	Kern	
13-810-15	15 cm	13-812-15
13-810-17	17 cm	13-812-17
13-810-21	21 cm	13-812-21



Semb
13-813-19
19 cm



Semb
13-815-19
19 cm





13-817-21
21 cm



13-817-26
26 cm



1/2
13-817-33
33 cm



Lambotte
13-817-21 - 13-817-33



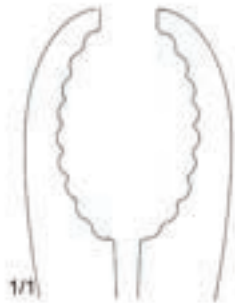
Lambotte
13-819-19 19 cm
13-819-23 23 cm
13-819-26 26 cm



Farabeuf
 13-820-23 23 cm
 13-820-26 26 cm

Farabeuf-Lambotte
 13-822-26
 26 cm

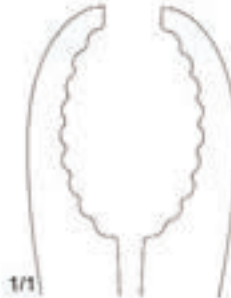
Lambotte
 13-824-22 22 cm
 13-824-27 27 cm
 13-824-30 30 cm



1/1



13-826-23
 13-827-23
 23 cm



1/1



1/1



Ulrich
 13-826-23 - 13-826-28



13-826-25
 13-827-25
 25 cm

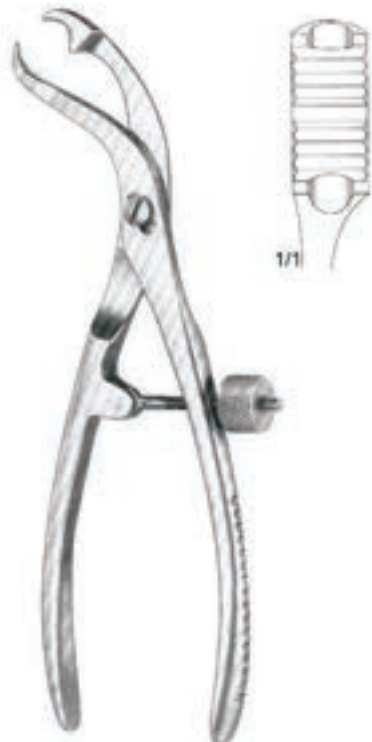
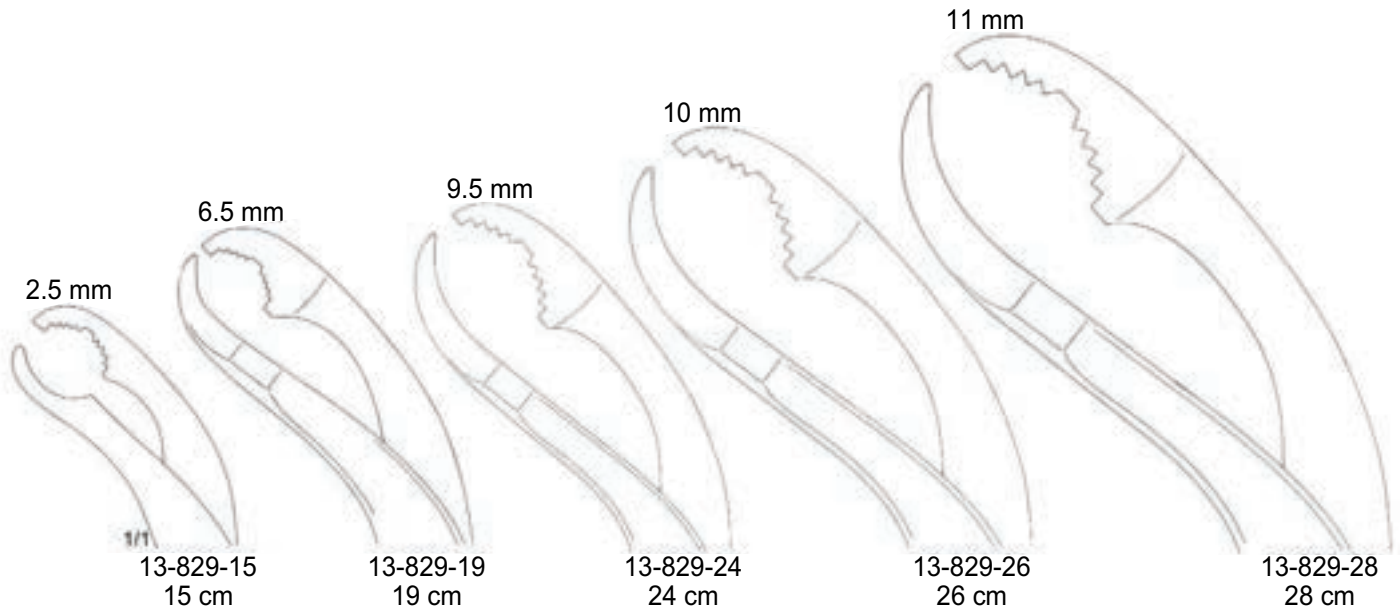


1/1

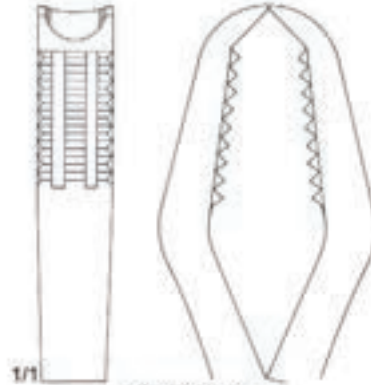
13-826-28
 13-827-28
 28 cm



Ulrich
 13-827-23 - 13-827-28



13-829-15 - 13-829-28
 Self-centering forceps with thread fixation



13-830-33
without ratchet

13-832-33
with ratchet

13-830-45
without ratchet

13-832-45
with ratchet

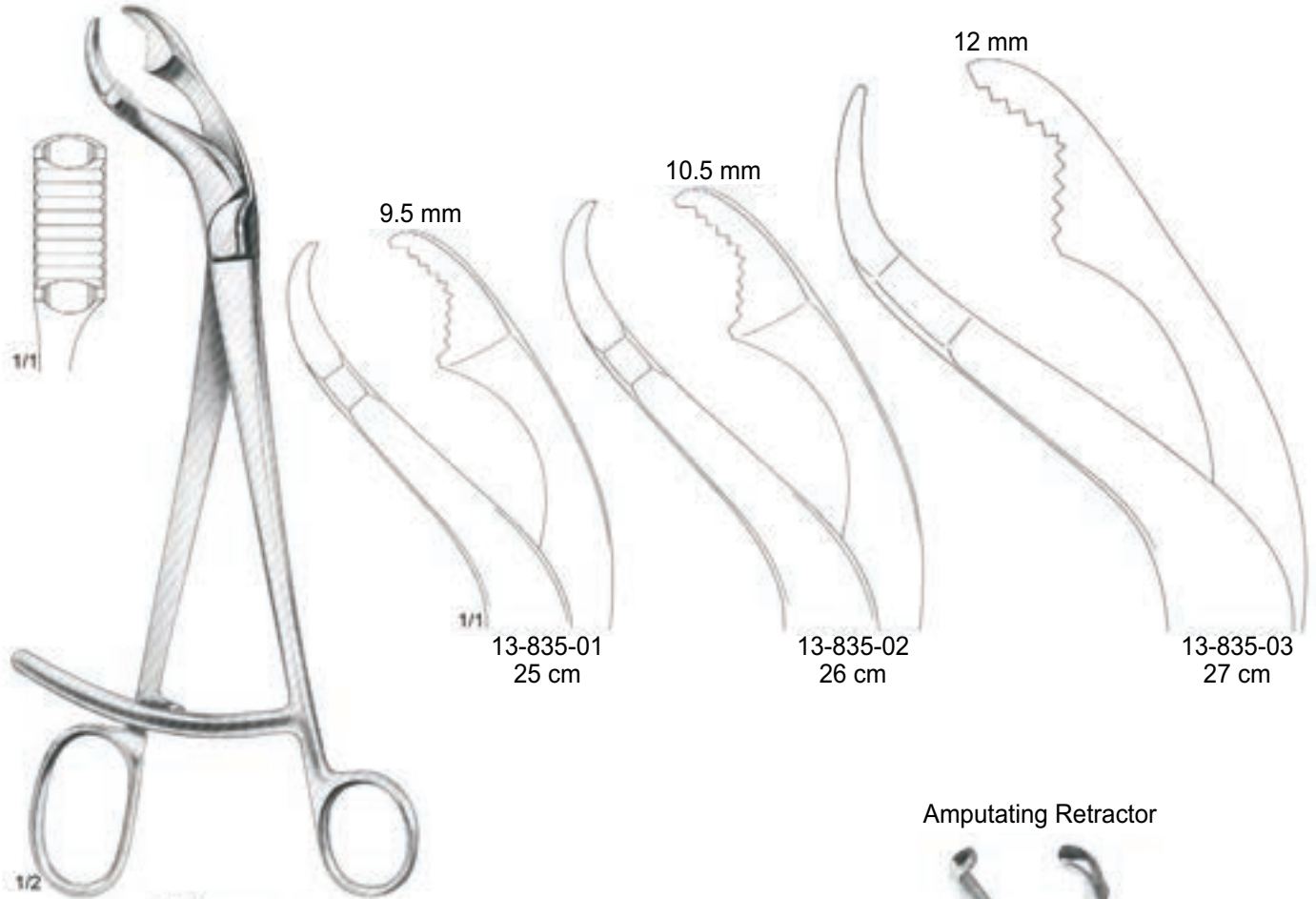
	Lane	
13-830-33	33 cm	13-832-33
13-830-45	45 cm	13-832-45



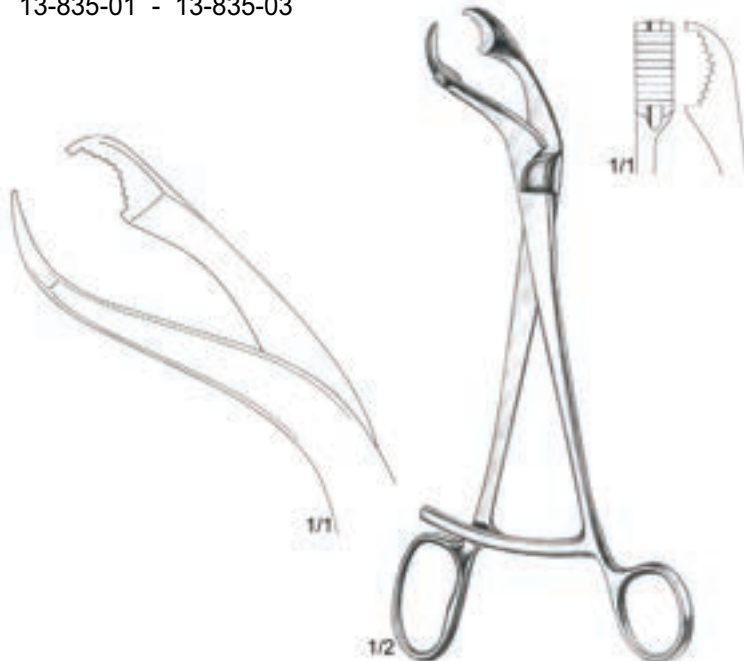
Hey Groves
13-834-21
21 cm

Hey Groves
13-834-27
27 cm

Hey Groves
13-834-30
30.5 cm



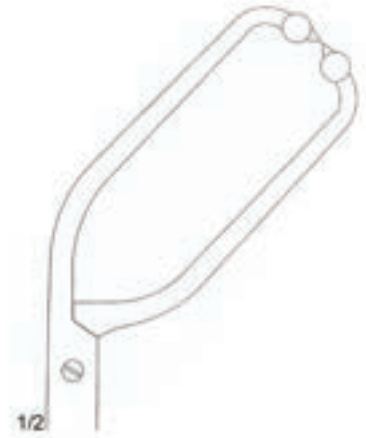
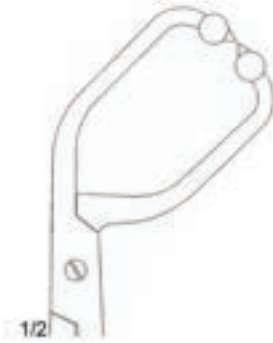
Verbrugge
 13-835-01 - 13-835-03



Verbrugge
 13-837-17
 17.5 cm

Percy
 13-838-30

Amputating Retractor



13-839-01
19 cm



13-839-02
24.5 cm



13-839-03
25 cm

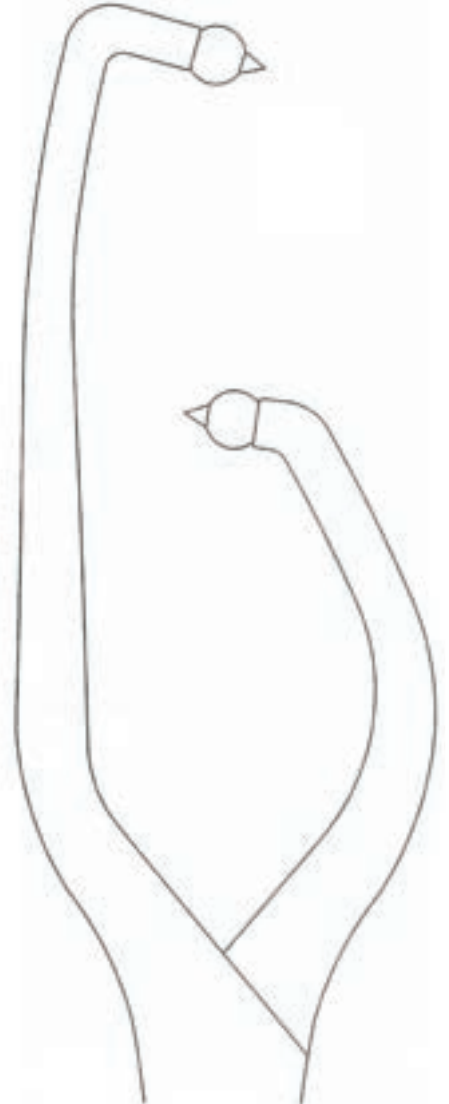
13-839-04
40 cm



13-839-05 - 13-829-06



13-839-05
41 cm

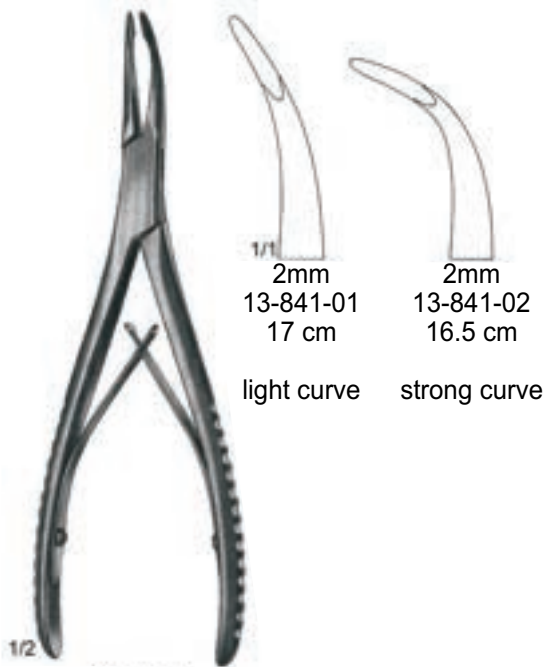


13-839-06
40.5 cm



13-839-07
34.5 cm

Ball Spike
13-839-08
30.5 cm



Stellbrink
 13-841-01 - 13-841-02

2mm
 13-841-01
 17 cm

light curve

2mm
 13-841-02
 16.5 cm

strong curve



Mini-Friedman
 13-843-12
 12 cm



Friedman
 13-845-14
 14 cm



Friedmann
 13-846-01
 15 cm



Friedmann
 13-846-02
 14 cm



Friedmann-Vickers
 13-847-14
 14 cm



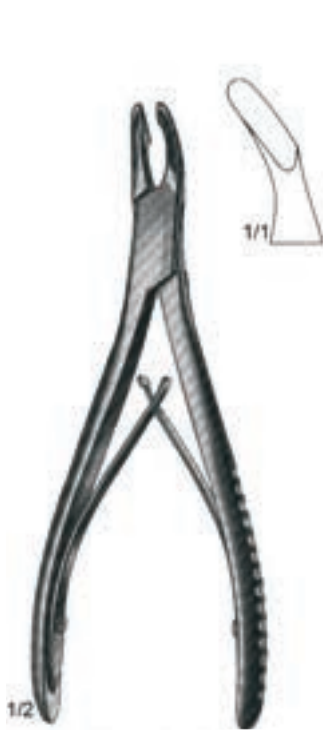
Cohen
 13-849-14
 14 cm



Hakansson
 13-850-17
 17 cm



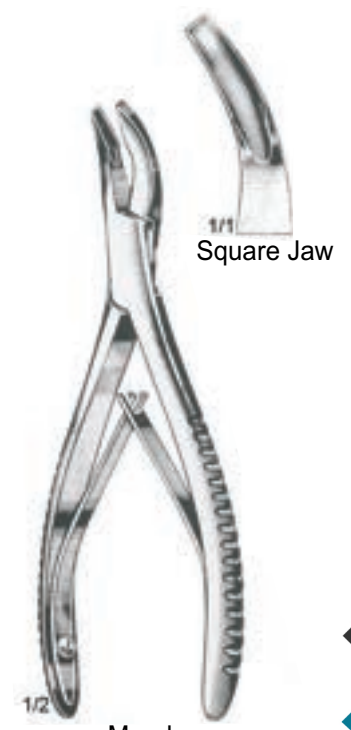
Cleveland
 13-851-14
 14 cm



Cleveland
 13-853-17
 17 cm



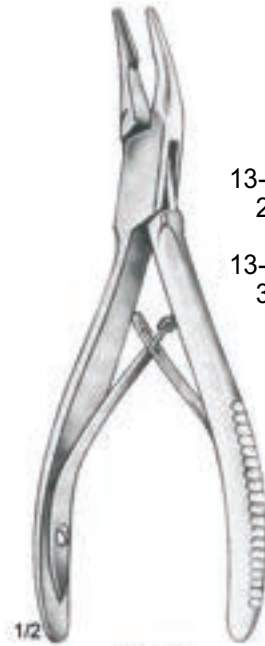
Mead
 13-855-16
 16.5 cm



Mead
 13-856-16
 16.5 cm



Beyer
 13-857-18
 18 cm



Beyer
 13-858-02 - 13-858-03
 17 cm

13-858-02
 2 mm

13-858-03
 3 mm



Hartmann
 13-859-18
 18.5 cm



Jansen
 13-860-18 - 13-863-18
 18 cm



13-860-18

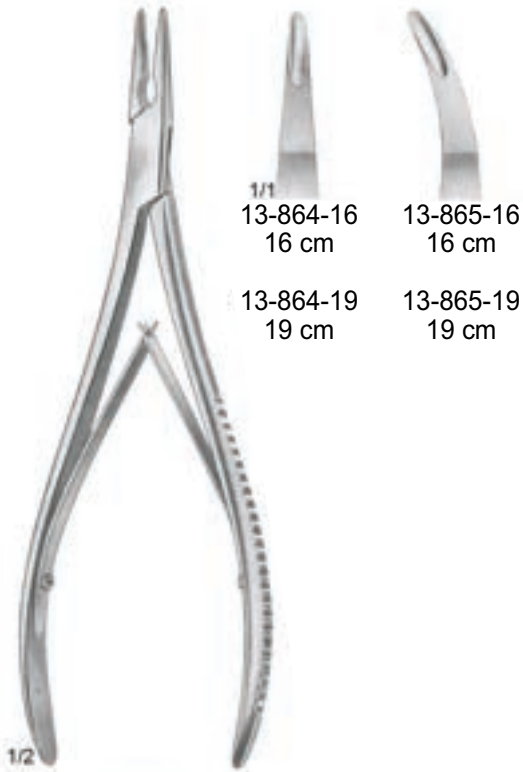
13-861-18

13-863-18

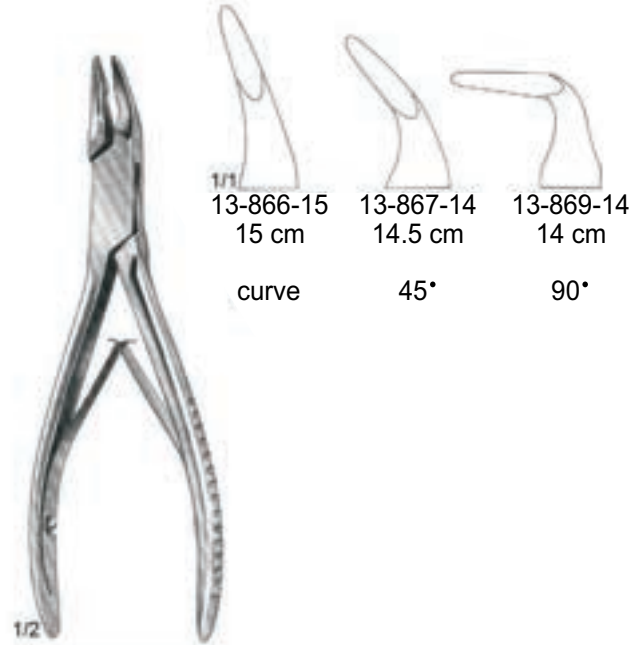
straight

light curve

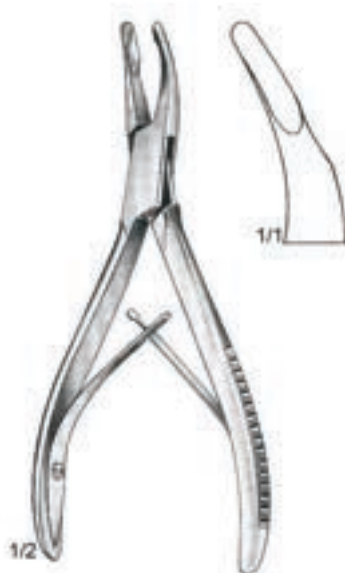
strong curve



Lampert
13-864-16 - 13-865-19



Blumenthal
13-866-15 - 13-869-14



Universal
13-870-13
13.5 cm



Olivecrona
13-871-20
20 cm



Luer
 13-872-18 - 13-873-18
 18 cm



Defourmentel
 13-874-19
 19 cm

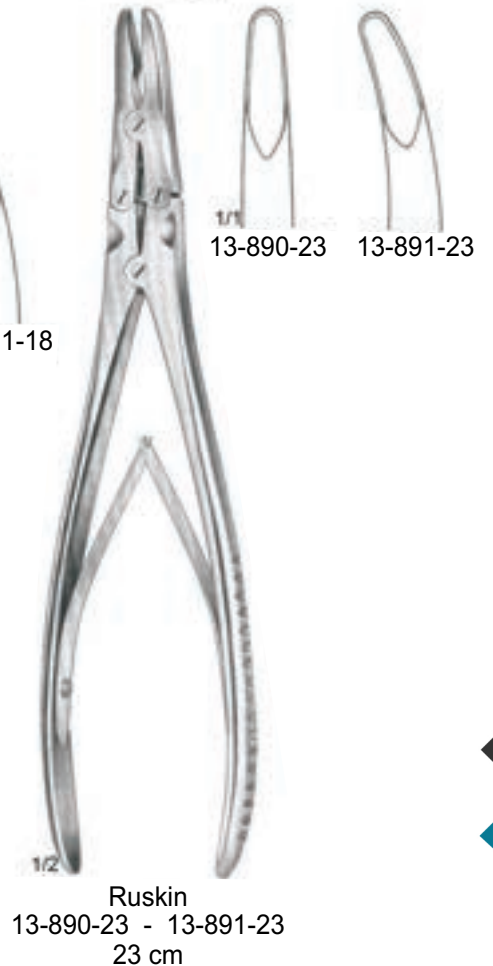
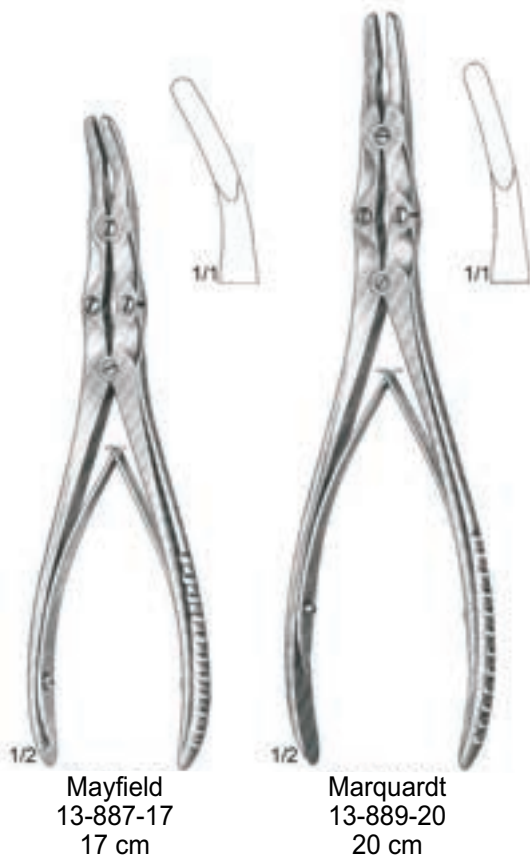
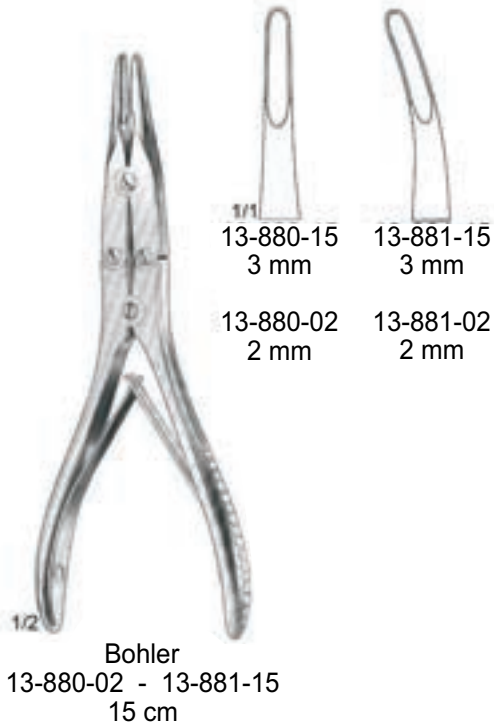


Luer
 13-875-15 - 13-877-15
 15 cm



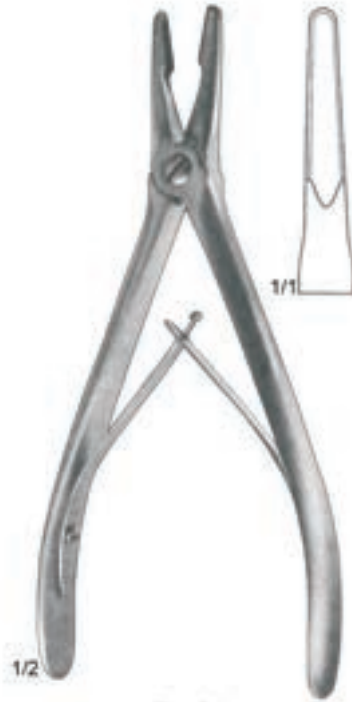
Adson
 13-878-20 - 13-879-20
 20 cm







Bane
 13-892-01
 18 cm



Zaufal
 13-892-02
 18 cm



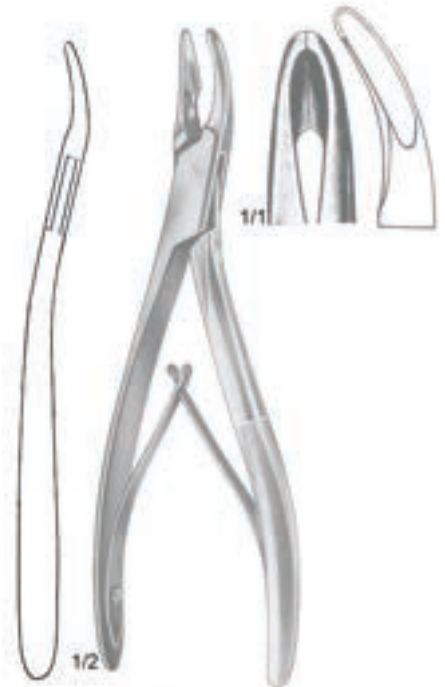
Cottle-Jansen
 13-892-03
 18 cm



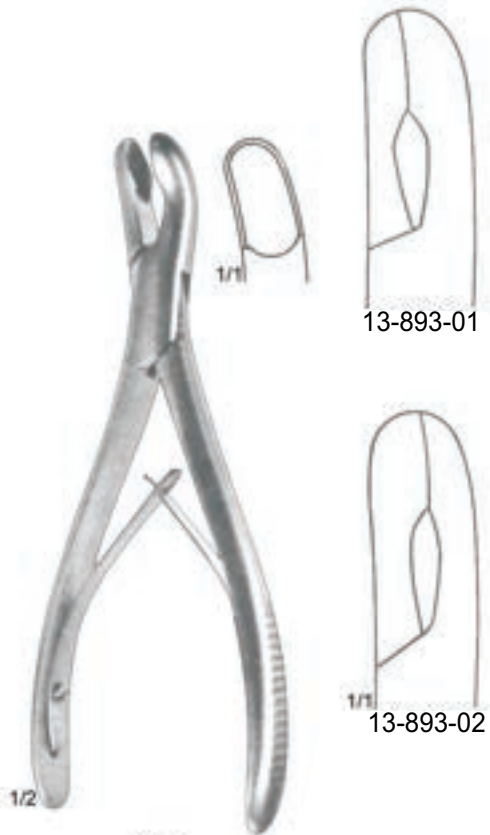
Jansen
 13-892-04
 19 cm



Guleke
 13-892-05
 20.5 cm



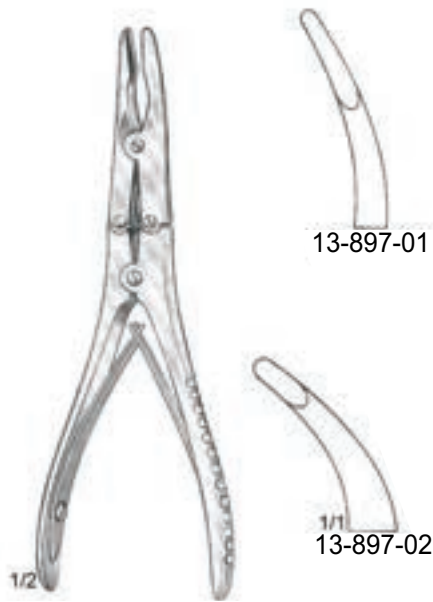
Schell
 13-892-06
 17 cm



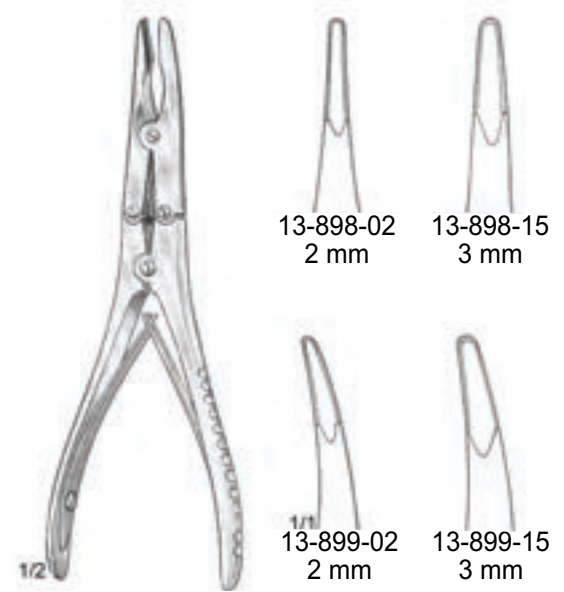
Fisch
 13-893-01 - 13-893-02
 17 cm



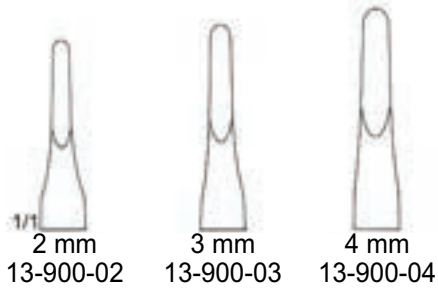
Bacon
 13-894-20
 20 cm



Kleinert-Kutz
 13-897-01 - 13-897-02
 15 cm



Ruskin-Mini
 13-898-02 - 13-899-15
 15 cm



Echlin
 13-900-02 - 13-900-04
 23 cm



Smith Petersen
 13-902-01 - 13-902-03
 24 cm

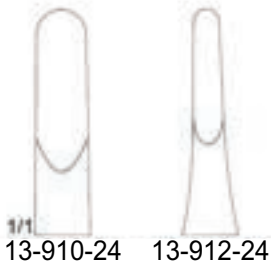




Semb
 13-903-22 22.5 cm
 13-903-27 27.0 cm



Stille
 13-904-23
 23 cm



1/1
13-910-24 13-912-24



1/1



1/1
13-916-22
22 cm



1/1
13-917-22
22 cm

13-916-26
26 cm

13-917-26
26 cm



1/2
Leksell-Stillé
13-910-24 - 13-912-24
24 cm



1/2
Frykholm
13-914-24
24 cm



1/2
Stille-Luer
13-916-22 - 13-917-26



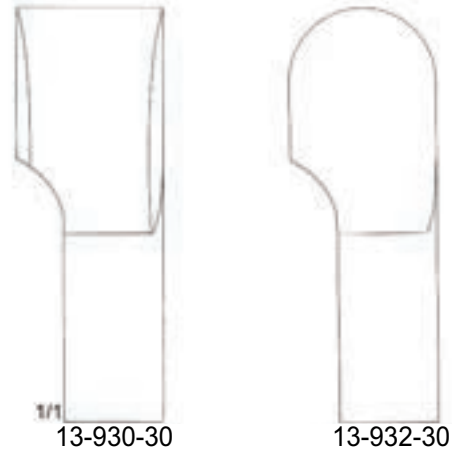
Roettgen-Ruskin
13-921-24
24 cm



Stille-Ruskin
13-923-23
23 cm



13-926-23 23 cm 13-927-23
 13-926-27 27 cm 13-927-27



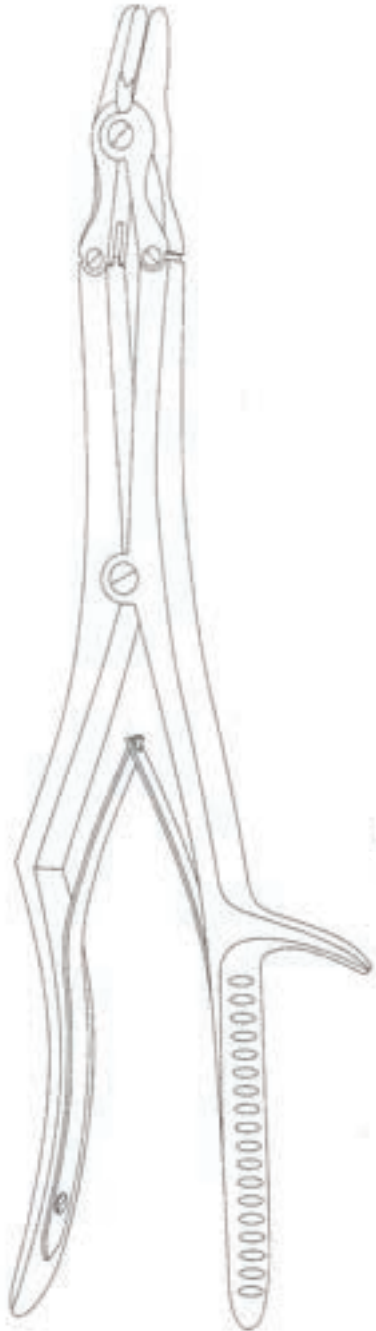
13-930-30 13-932-30



Stille-Luer
 13-926-23 - 13-927-27



Sauerbruch
 13-930-30 - 13-932-30
 30 cm



Syfert
 13-936-03 - 13-936-08
 35 cm



13-936-03
 3 mm



13-936-05
 5 mm



13-936-08
 8 mm



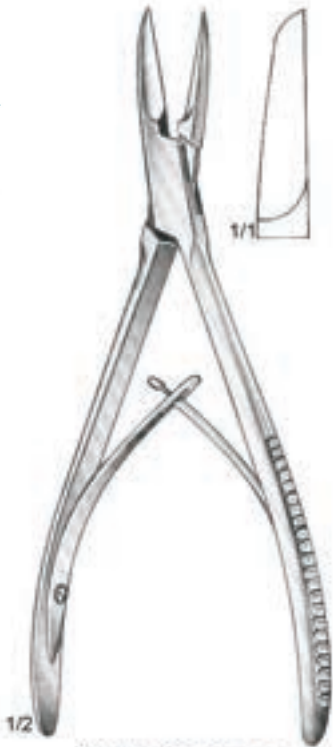
Dale
 13-937-03 - 13-937-08
 35 cm



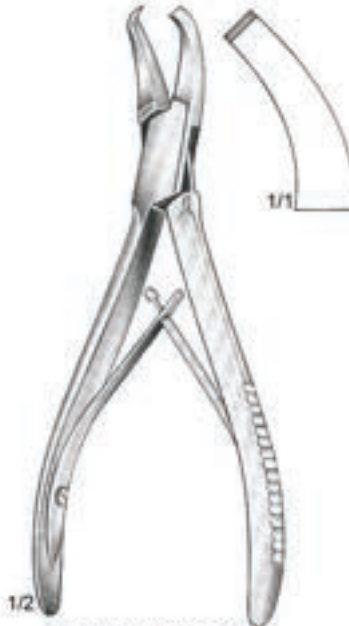
13-937-03
 3 mm



13-937-08
 8 mm



Cottle Kazanjian
 13-940-19
 19 cm



Cleveland-Gardner
 13-941-16
 16 cm



Markwalder
 13-943-20
 20 cm



13-946-14
 14 cm



13-946-17
 17 cm



13-947-14
 14 cm



13-947-17
 17 cm



13-946-19
 19 cm



13-946-22
 22 cm



Liston
 13-946-14 - 13-947-22



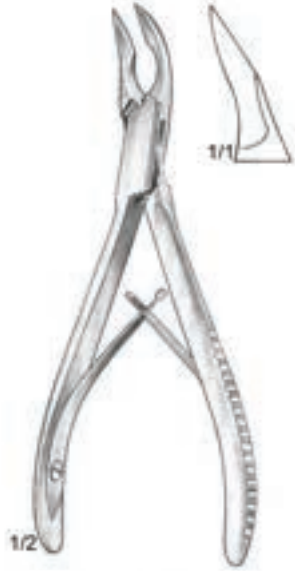
13-947-19
 19 cm



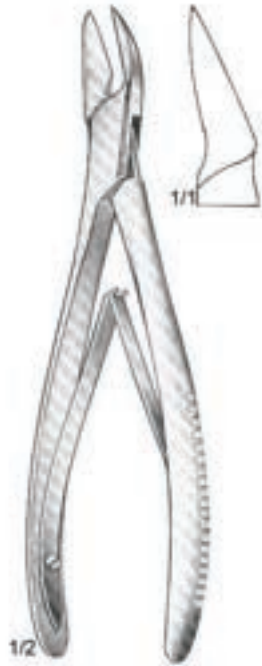
13-947-22
 22 cm



Littauer-Liston
 13-948-15
 15 cm



Cleveland
 13-951-15
 15 cm



Cleveland
 13-951-17
 17 cm



Kleinert-Kutz
 13-952-15 - 13-953-15
 15 cm



Ruskin-Liston
 13-954-18 - 13-955-18
 18 cm



13-954-18



13-955-18



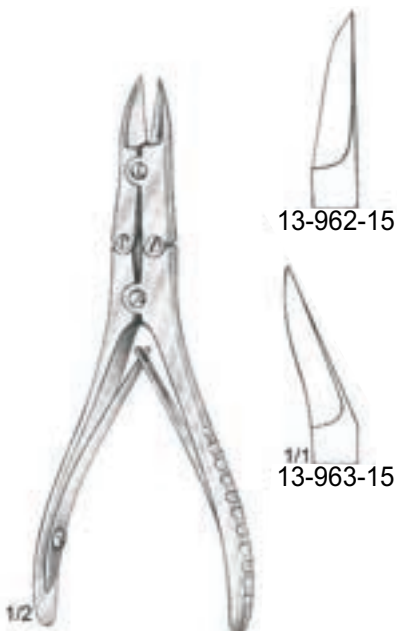
McIndoe
 13-957-17
 17.5 cm



Bohler
 13-960-15
 15 cm



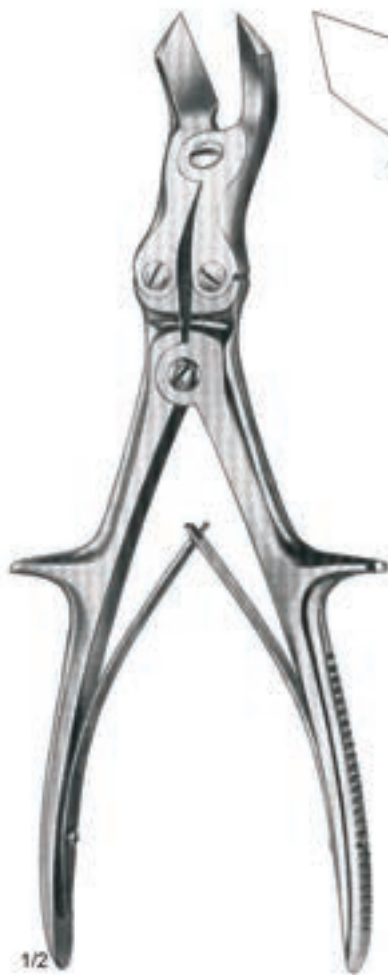
Bohler
 13-961-15
 15 cm



Walton-Liston
 13-962-15 - 13-963-15
 15 cm



13-965-12
 12 cm

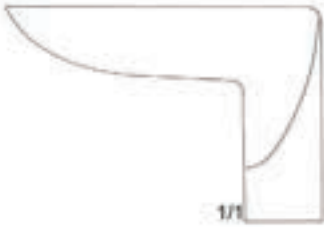


Liston-Key
13-972-27
27 cm

(Stille-Horsley)



Semb
13-973-24
24 cm



13-978-27



13-979-23

13-979-27



1/2

Stille-Liston
 13-976-27
 27 cm



Stille-Liston
 13-978-23 23 cm
 13-978-27 27 cm



Stille-Liston
 13-978-23 23 cm
 13-978-27 27 cm



13-981-01
only saw

1/2
Mod. Martin
13-980-17
17 cm



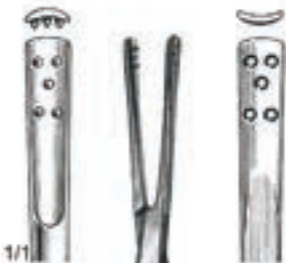
13-983-01
only saw

1/2
Walton
13-982-16
16 cm



13-985-01
only saw

1/2
13-984-17
17 cm



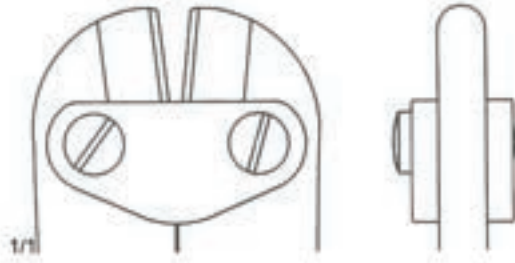
1/2
Penner
13-986-15
15.5 cm



1/2
Radolf
13-988-13
13.5 cm



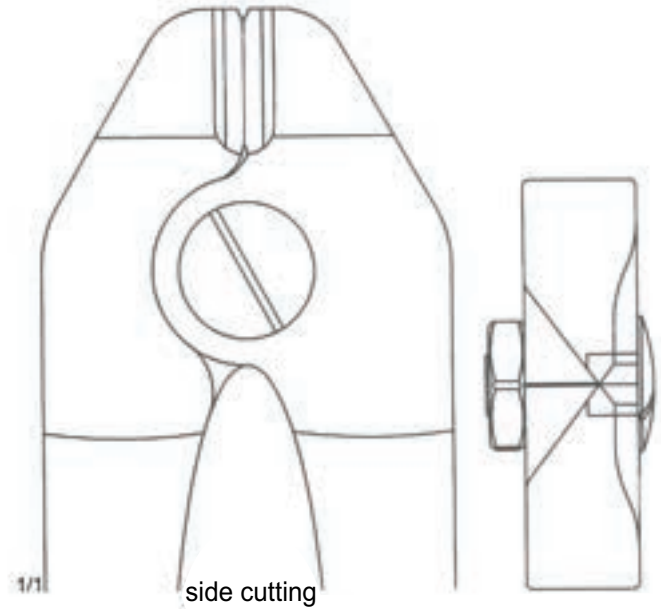
1/2
13-989-14
14.5 cm



for wires upto
 Ø 3.2 mm

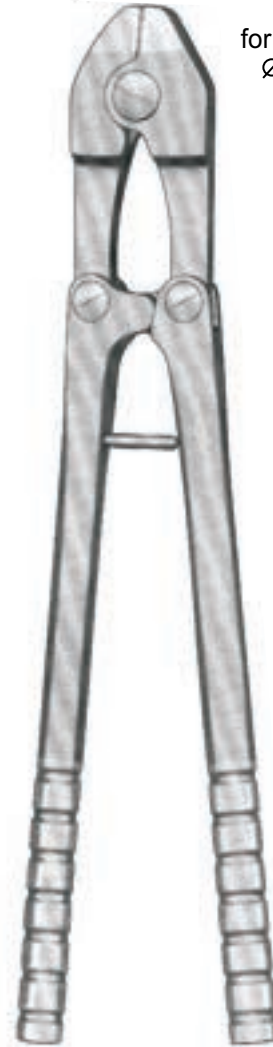


Pin Cutter Double Action
 13-990-23
 23 cm



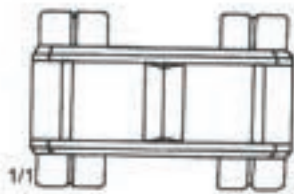
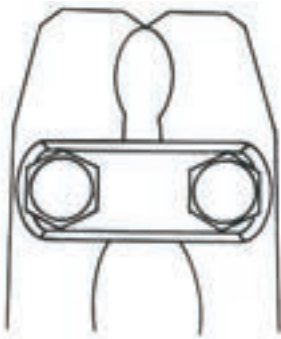
side cutting

for wires upto
 Ø 4.0 mm



Side Pin Cutter - TC
 13-992-37
 37.5 cm

end cutting

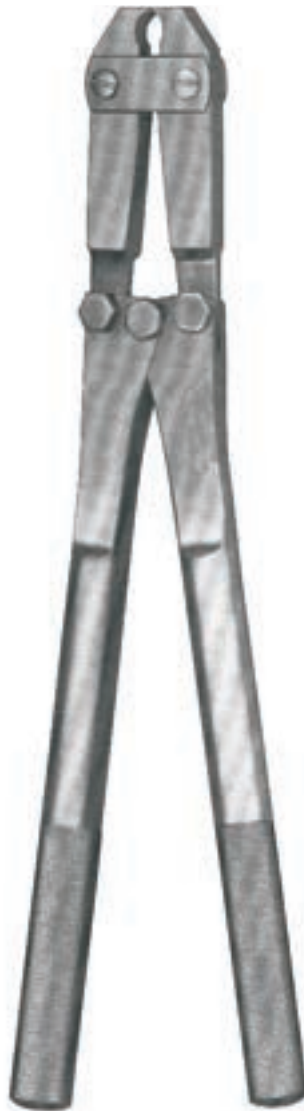


for wires upto
Ø 3.2 mm



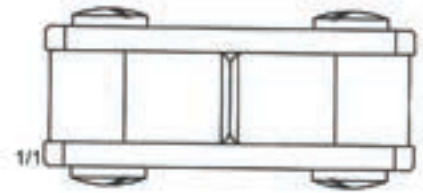
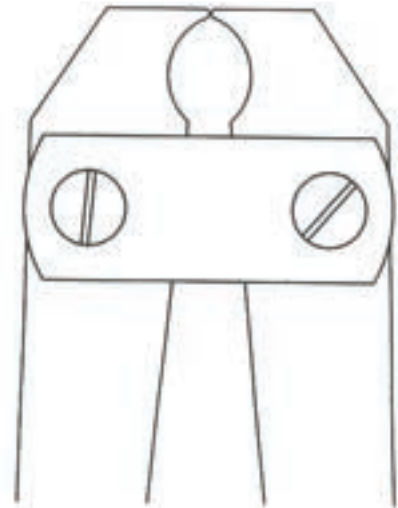
Pin Cutter (Small)
13-994-25
25 cm

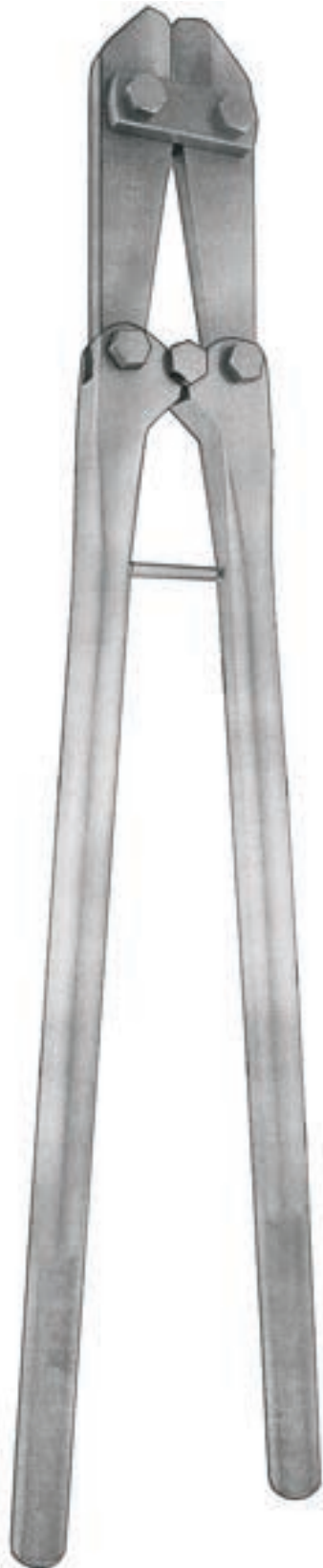
for wires upto
Ø 4.7 mm



Pin Cutter (Medium)
13-996-40
40 cm

end cutting





Pin Cutter (Large)
13-998-46 46 cm
13-998-54 54 cm

for wires upto
Ø 6.0 mm



Pin Cutter
13-999-38 - 13-999-56

		for wires upto
13-999-38	38 cm	Ø 5.0 mm
13-999-45	45 cm	Ø 6.0 mm
13-999-56	56 cm	Ø 7.5 mm

33



T - Handle
33-100-00



Handle For AO Attachment
33-110-00



Dental Handle
33-120-00



			AO	Ø mm	mm	AO	Ø mm
33-130-15	33-130-25	33-130-35	33-150-11	1.1	60 / 35	33-156-15	1.5
1.5 mm	2.5 mm	3.5 mm	33-150-15	1.5	85 / 60	33-156-20	2.0
			33-150-20	2.0	100 / 75	33-156-27	2.7
			33-150-25	2.5	110 / 85	33-156-35	3.5
			33-150-27	2.7	100 / 75	33-156-45	4.5
			33-150-32	3.2	145 / 120	33-156-65	6.5
			33-150-35	3.5	110 / 85		
			33-150-45	4.5	145 / 120		
			33-150-60	6.0	195 / 170		



Kuentscher
 33-180-08 8 mm
 33-180-10 10 mm
 33-180-12 12 mm
 26 cm



Kuentscher
 33-186-63
 63 cm



Kuentscher
 33-186-01
 Fig 1



Kuentscher
 33-186-02
 Fig 2

33-188-00 (33-186-01 + 33-186-02 + 33-186-63)



Extraction Hook
 33-200-29 29 cm
 33-200-37 37 cm
 33-200-42 42 cm
 33-200-49 49 cm

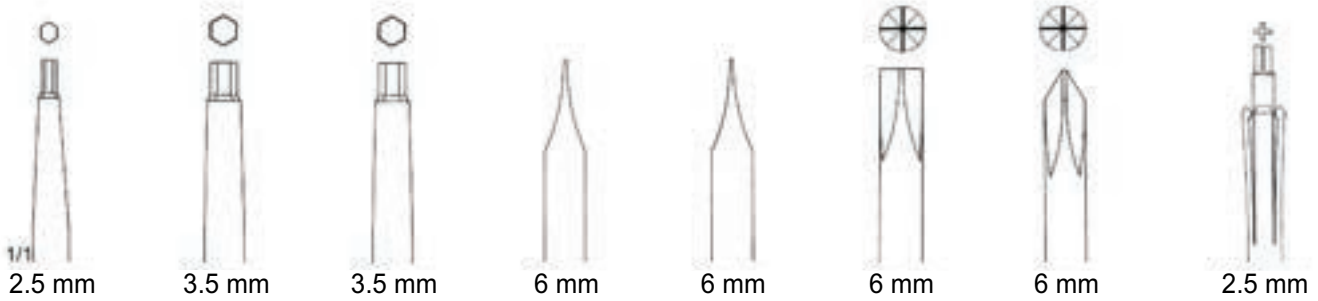


Slotted Hammer
 33-210-30
 30 cm



Lloyd Impactor
 33-220-20
 20 cm

Handle from artificial wood



33-280-25
25 cm

33-282-21
21 cm

33-282-25
25 cm

33-286-17
17 cm

Lane
33-286-25
25 cm

33-290-25
25 cm

Philips
33-292-25
25 cm

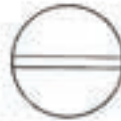
33-294-19
19.5 cm



Philips Head
33-300-01



Slotted Head
33-300-02



Single Head
33-300-03



Hexagonal Head
33-300-04



Williams
33-800-01 - 33-300-04
24 cm



Holding Forcep For Small Plates
 33-360-12
 12 cm



Screw Holding Forcep
 33-374-08
 8 cm



Bending Iron For Small Plates
 33-390-13 33-394-01 33-394-02
 13 cm 14.5 cm 14.5 cm



Bending Iron For Large Plates
 33-400-24 Solid
 33-402-24 Light Weight
 24 cm

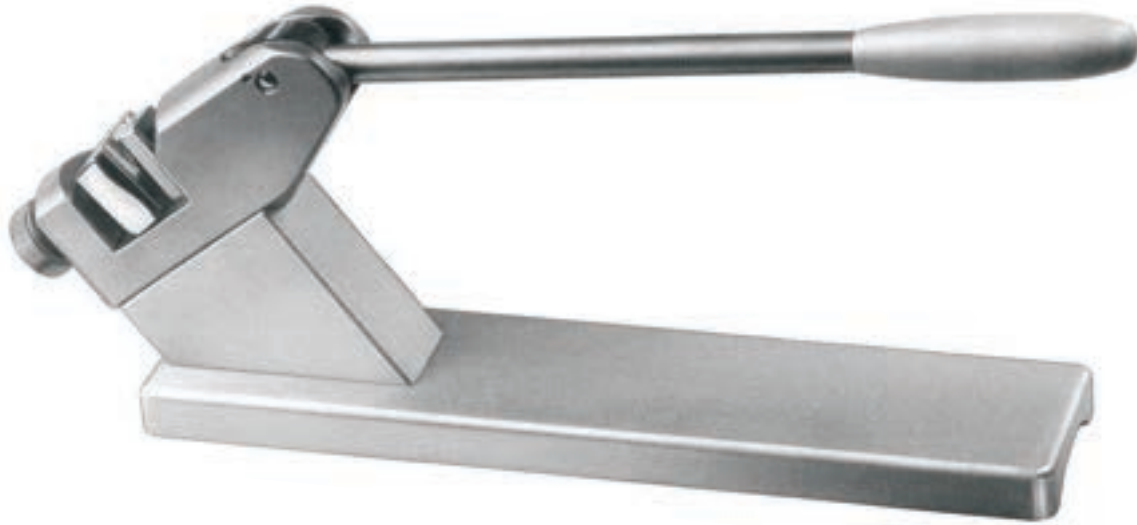


Bending Plier
 33-410-14
 14 cm



Bending Plier
 33-414-14
 14 cm

1.5 / 2 mm Plate



Bending Press
33-440-00



Tap & Drill Sleeve

33-500-00
2.7 / 1 mm



Tap

33-520-35 Ø 3.5 mm
 33-520-45 Ø 4.5 mm
 33-520-70 Ø 7.0 mm



Hexagonal Key

33-530-40 4.0 mm
 33-530-45 4.5 mm
 33-530-70 7.0 mm



Hexagonal Screw Driver

33-540-25 2.5 mm
 33-540-35 3.5 mm



33-550-50
5 mm



Parallel Aiming Device For Guide Ø 2 mm
 33-600-02



Tissue Protector Sleeve For Cannulated Screws Ø 7 mm
 33-610-07

1.1 mm



Counter Sink
 33-620-11

For Mini Screws
 1.5 / 2 mm

2 mm



Counter Sink
 33-620-20

For Small Screws
 2.7 / 3.5 / 4 mm

3.2 mm



Counter Sink
 33-620-32

For Malleolar Screws
 4.5 mm

4.5 mm



Counter Sink With T-Handle
 33-624-45

For Large Screws
 4.5 / 6.5 mm



Insert Drill Sleeve
 33-650-27 2.7 / 2.0 mm
 33-650-35 3.5 / 2.5 mm
 33-650-45 4.5 / 3.2 mm



Mini Drill Sleeve
 33-660-11 1.1 / 1.5 mm
 33-660-15 1.5 / 2.0 mm



Triple Drill Guide & Sleeve
 33-666-20
 2 mm

Sharp



Hooklet
 33-680-15
 15.5 cm



33-700-00
 Mini



33-704-00
 Small



33-708-00
 Large



Pointed Drill Guide
 33-740-45



Drill Guide With Two Inserts
 33-744-45



Tap Sleeve 3.5 mm For Tap 2.7 mm
 33-748-35



Tap & Drill Sleeve
 33-752-27 2.7 / 2.0 mm
 33-752-35 3.5 / 2.5 mm



Tap Sleeve For Large Cannulated Screws
 33-756-45
 4.5 mm



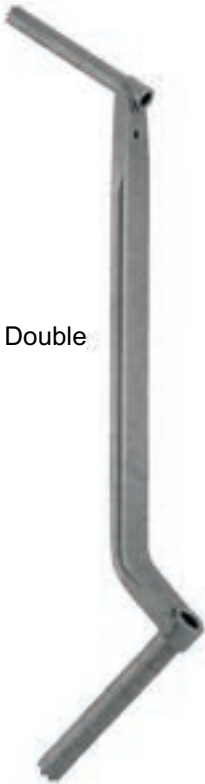
Drill Sleeve For Tension Device
 33-760-32
 Ø 3.2 mm



Drill Guide For Round Hole Plates For Drill Bits
 33-764-40
 Ø 3.2 mm



33-764-60
 Ø 3.2 mm



Double

33-780-45
 4.5 / 3.2 mm



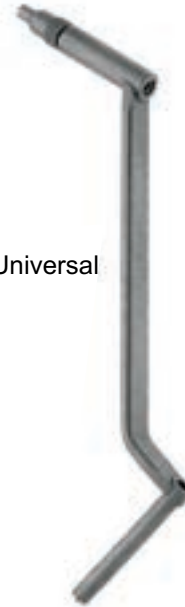
Double

33-784-32
 3.2 / 6.5 mm



Universal

33-790-25
 2.5 mm



Universal

33-794-32
 3.2 / 4.5 mm



Hub
33-800-22
20 mm



Ø 4.5 mm

Pin Wrench
33-804-12
12 cm



Spanner
33-810-11
11 mm



33-816-11
11 mm



Neutral Drill Guides
 33-840-20 2.0 mm
 33-840-27 2.7 mm
 33-840-35 3.5 mm
 33-840-45 4.5 mm



Neutral Drill Guides
 33-846-60 4.5 mm



Wire Tightner
 33-870-01



Wire Tightner
 33-870-02



Bending Iron For Wire Drills
 33-880-00

Ø 6 mm



Plat Tip Bit
33-900-01

Ø 6 mm



Cross Tip Bit
33-900-02

Ø 5 mm



Philips Large
33-900-03

Ø 4 mm



Philips Small
33-900-04

Ø 3.5 mm



Hexagonal Large
33-900-05

Ø 2.5 mm



Hexagonal Small
33-900-06



Screw Driver With Bore & Quick Action Chuck
33-900-10

33-906-00 (33-900-01 - 33-900-10)
Complete

Ø 2.5 mm



Threaded Guide Pin
33-950-01
23 cm

Adjustable
135° / 140° / 145° / 150°



Aiming Device
33-950-02



Guide Wire
33-950-03



Triple Combo Reamer
33-950-04



Tap
33-950-05



Guide Sleeve
33-950-06



Long
Guide Sleeve
33-950-07



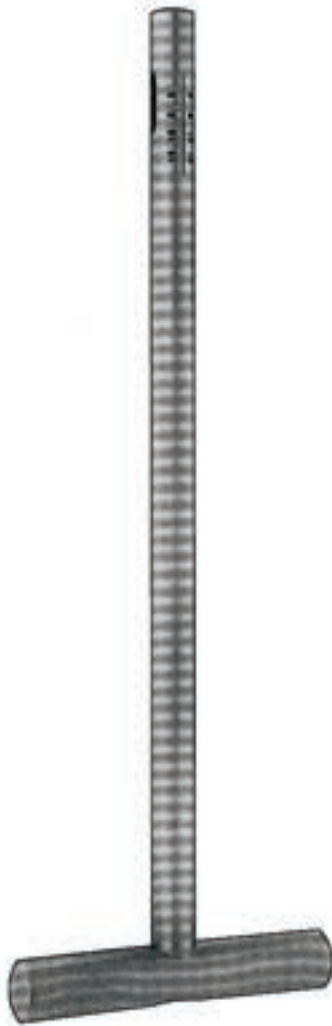
Guide Shaft
33-950-08



Guide Shaft
33-950-09



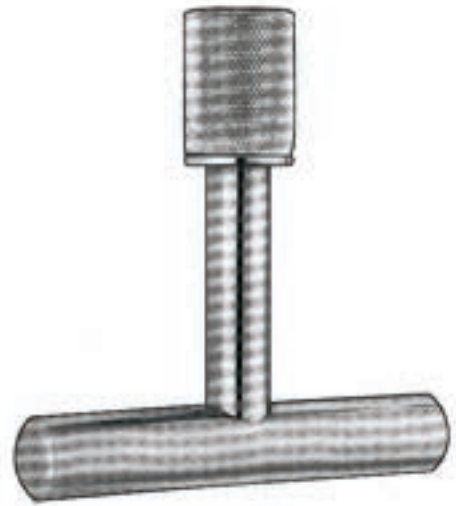
Coupling Screw
33-950-10



Wrench
33-950-11



Impactor
33-950-12



T-Handle
33-950-13



Plate Bending Plier
33-970-16
16 cm

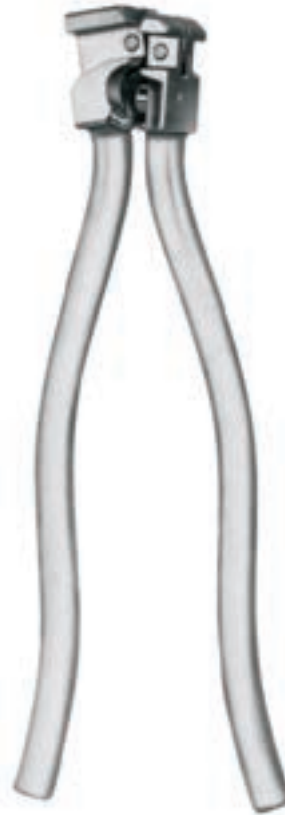


Plate Bending Plier
33-972-25
25.5 cm

THANK YOU



CONTACT US



www.pentaxsurgical.com



**pentaxsurgical@gmail.com
info@pentaxsurgical.com**



+92-328 01 66 200

Visit Alibaba Site:

