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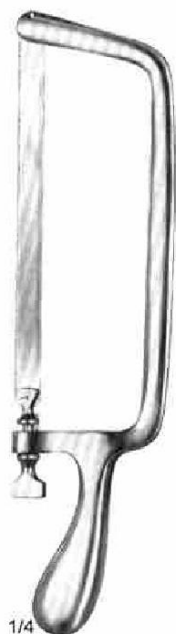
Bone Surgery - Knochenchirurgie - Cirugía ósea
Amputating and Resection Saws
Amputations und Resektionssägen
Sierras para amputación y resección

For 13-100-35



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

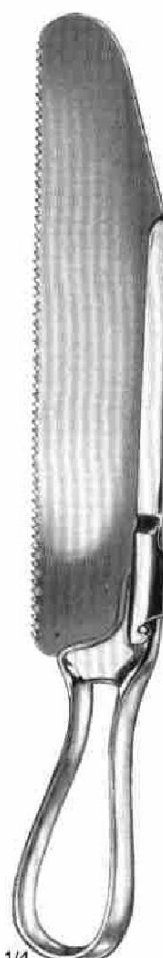
blade width



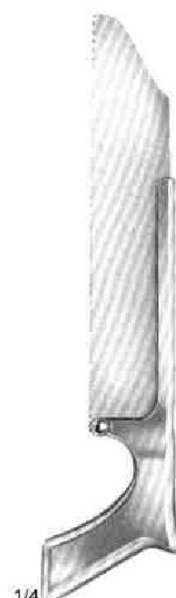
1/4
 Charriere
 13-100-35
 35 cm



1/3
 Langenbeck
 13-110-23
 23 cm



1/4
 Charriere
 13-112-27
 27 cm



1/4
 Satterlee
 13-114-31
 31 cm

Bone Surgery - Knochenchirurgie - Cirugia ósea
Bone Drills, Reamers
Bohrinstrumente, Pfrieme
Instrumental para perforar, Escariadores



13-120-14
14 cm



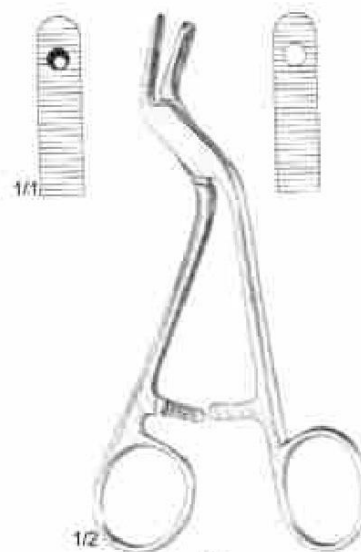
Perthes
13-122-18
18 cm



Perthes
13-124-21
21 cm



13-126-14
14 cm



Adson
13-129-15
15 cm

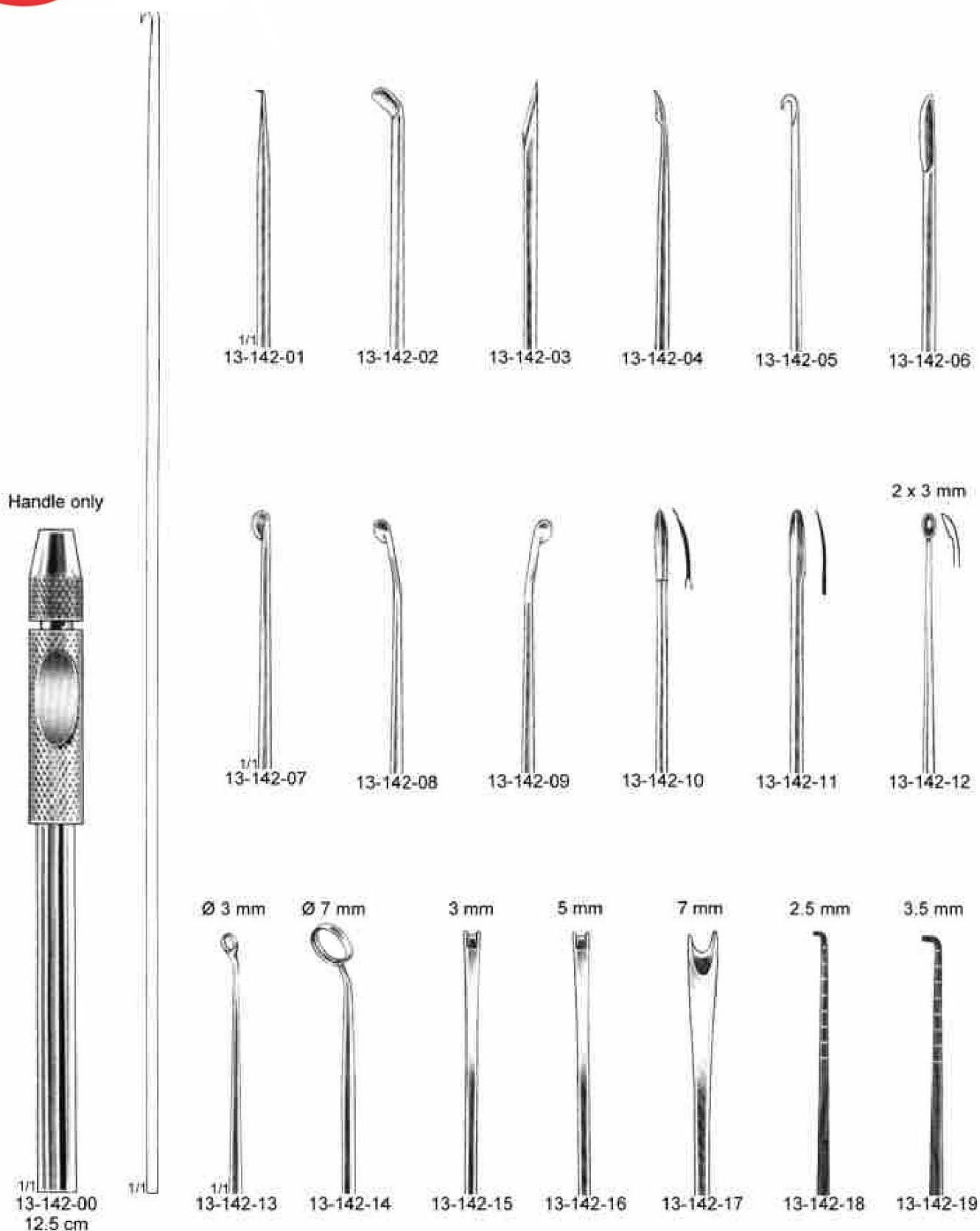


Bone Surgery - Knochenchirurgie - Cirugía ósea
Arthoscopy
Arthroskopie
Artroscopio

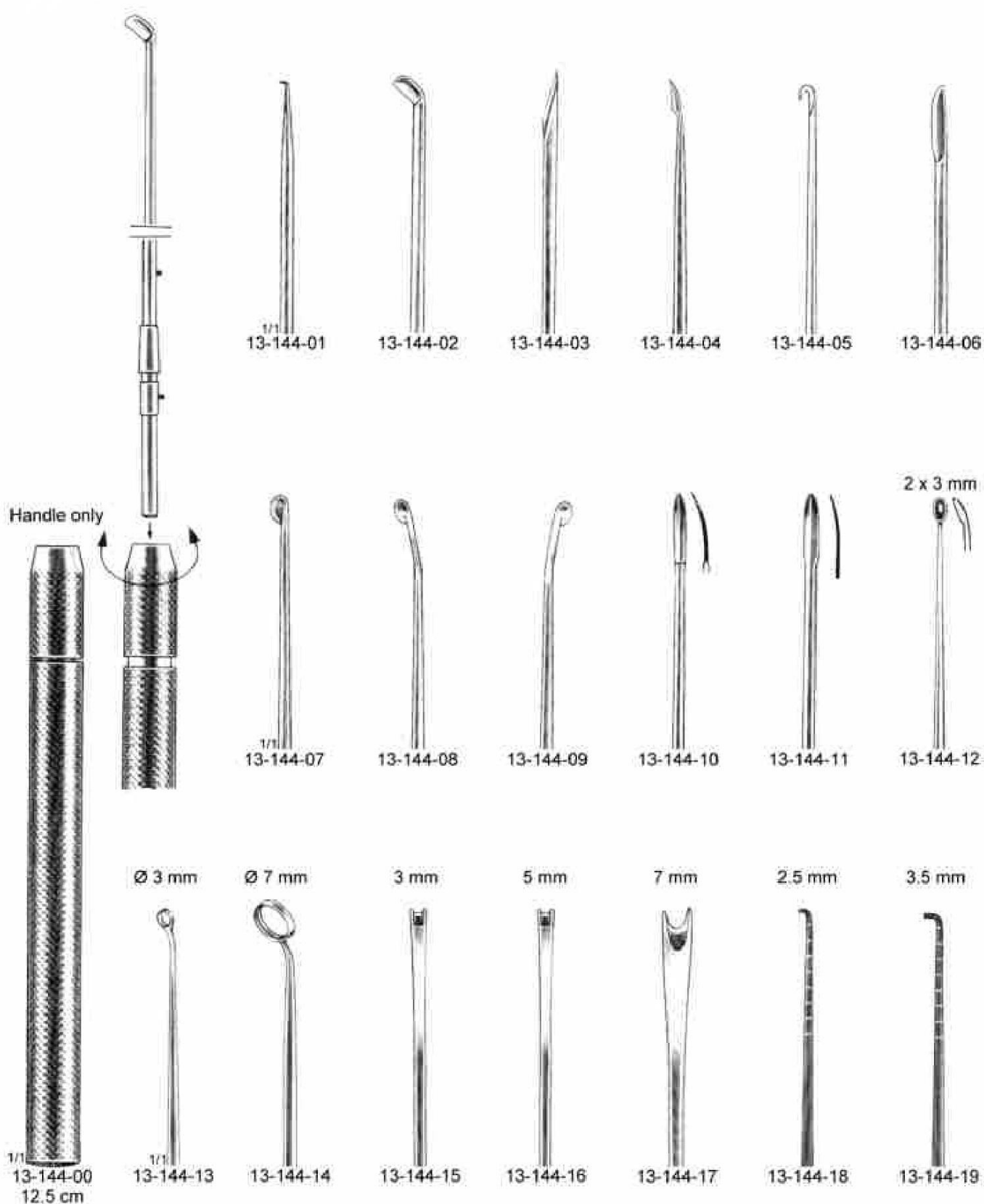




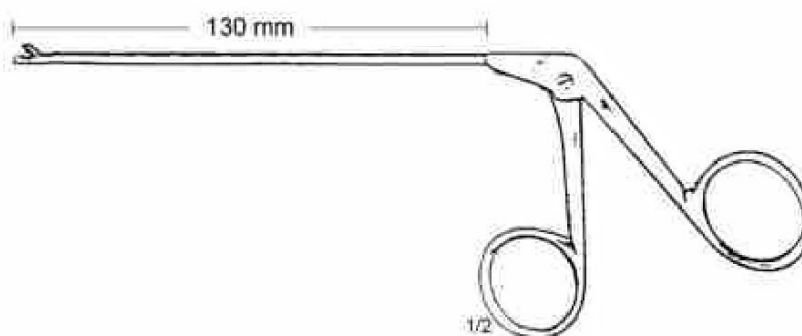
Bone Surgery - Knochenchirurgie - Cirugia ósea
Arthroscopy
Arthroskopie
Artroscopio

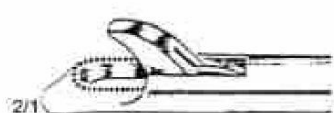


Bone Surgery - Knochenchirurgie - Cirugía ósea
Arthroscopy
Arthroskopie
Artroscopio



Bone Surgery - Knochenchirurgie - Cirugía ósea
Arthroscopy
Arthroskopie
Artroscopio



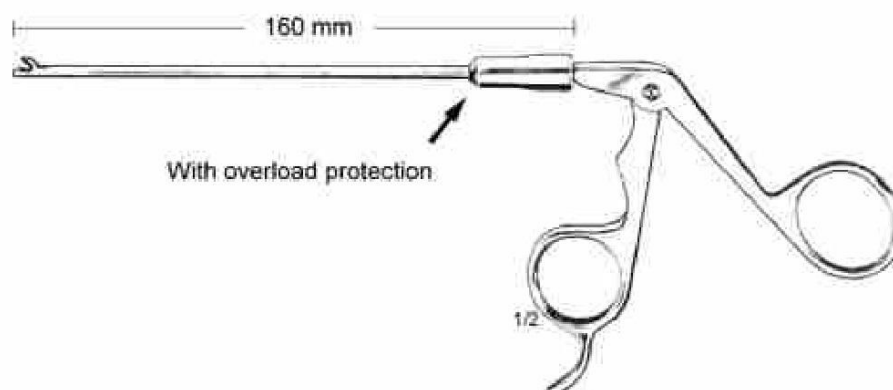
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	Ø 3.4 mm	13-151-10	13-151-11	13-151-13	13-151-15	13-151-17
	Ø 4.5 mm	13-152-10	13-152-11	13-152-13	13-152-15	13-152-17

	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
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	Ø 3.4 mm	13-157-10	13-157-11	13-157-13	13-157-15	13-157-17
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Bone Surgery - Knochenchirurgie - Cirugía ósea
Arthroscopy
Arthroskopie
Artroscopio



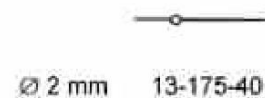
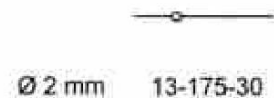
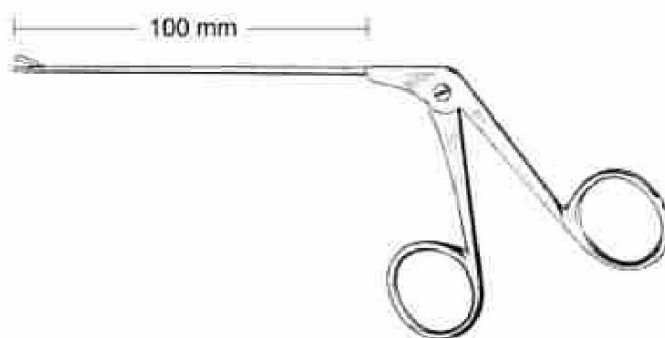
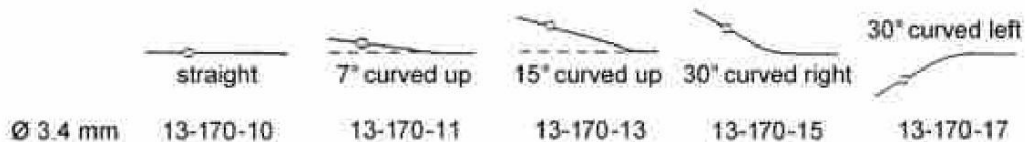
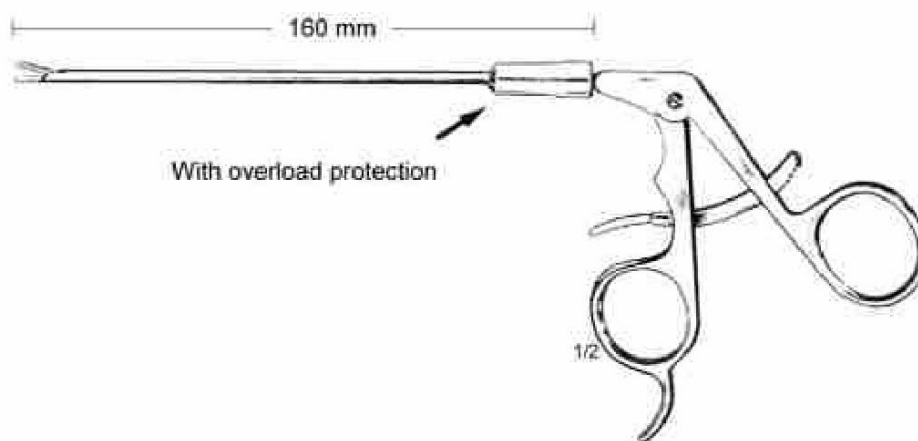
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	Ø 3.4 mm	13-159-10	13-159-11	13-159-13	13-159-15	13-159-17
	Ø 4.5 mm	13-160-10	13-160-11	13-160-13	13-160-15	13-160-17

	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

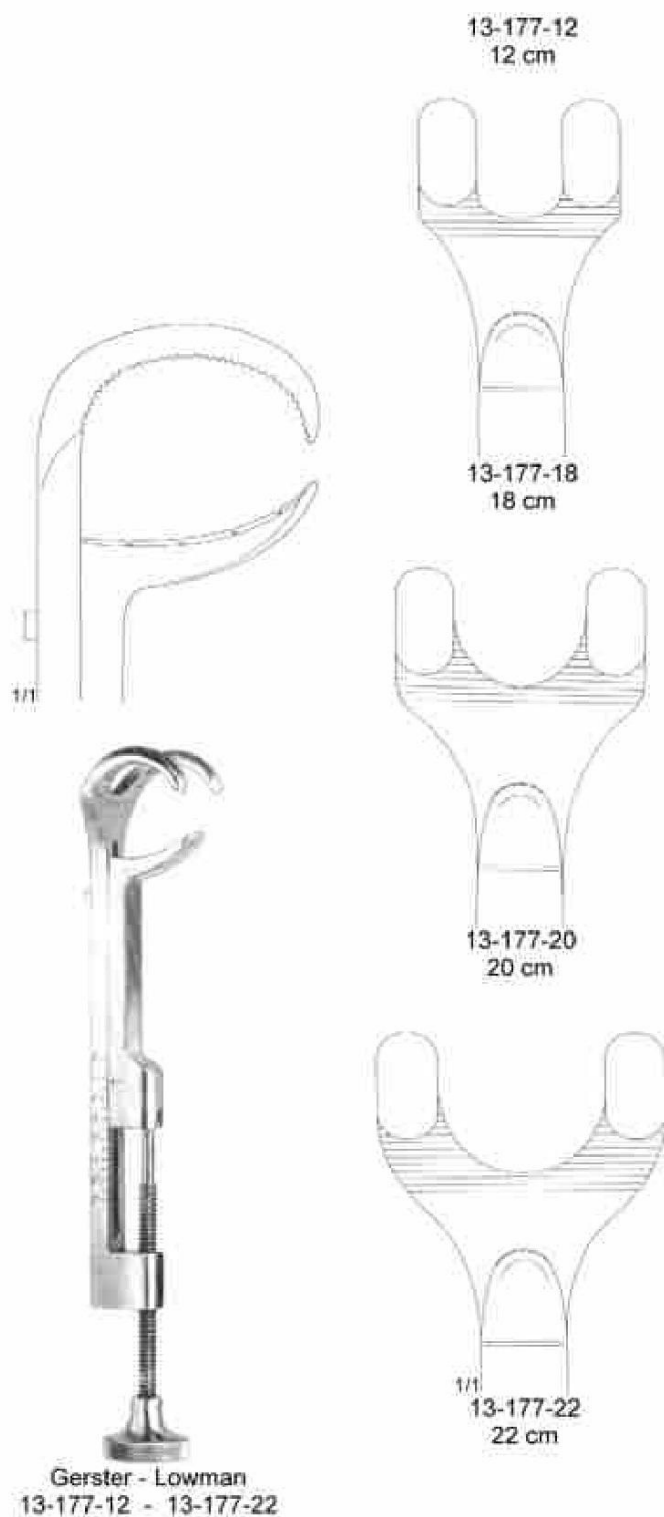
	Ø 3.4 mm	13-164-10	13-164-11	13-164-13	13-164-15	13-164-17
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	Ø 3.4 mm	13-165-10	13-165-11	13-165-13	13-165-15	13-165-17
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Bone Surgery • Knochenchirurgie • Cirugia ósea
Arthroscopy
Arthroskopie
Artroscopio



Bone Surgery - Knochenchirurgie - Cirugía ósea
Bone Holding Clamps
Knochenhalteklammern
Pinzas porta - huesos



Bone Surgery - Knochenchirurgie - Cirugia ósea
Bone Holding Clamps
Knochenhalteklammern
Pinzas porta - huesos



Gerster
13-178-09
9 cm



Lowman - Baby
13-178-13
13 cm



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

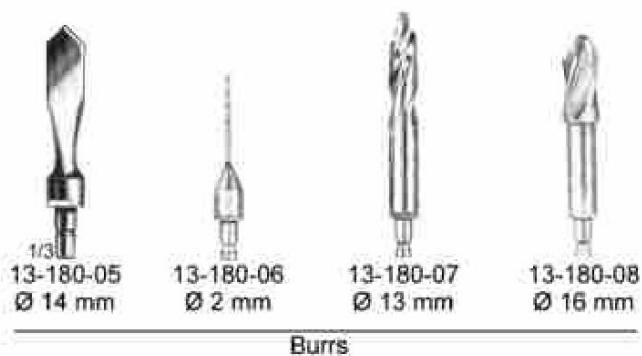
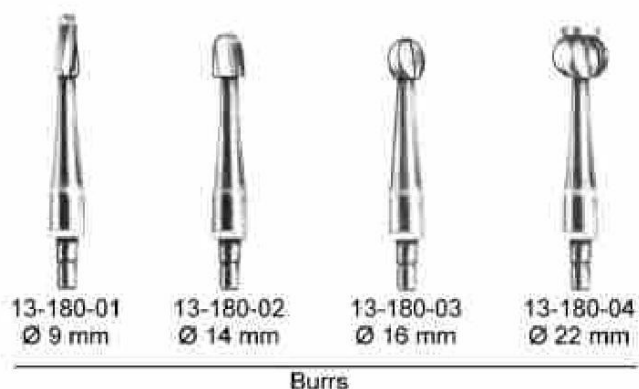


Bunnell - Howard
13-179-15
15 cm



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

Bone Surgery - Knochenchirurgie - Cirugía ósea
Hand Drills
Handbohrapparate
Perforadores de mano



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

Bone Surgery - Knochenchirurgie - Cirugia ósea
Hand Drills
Handbohrapparate
Perforadores de mano



Ralk
13-182-00

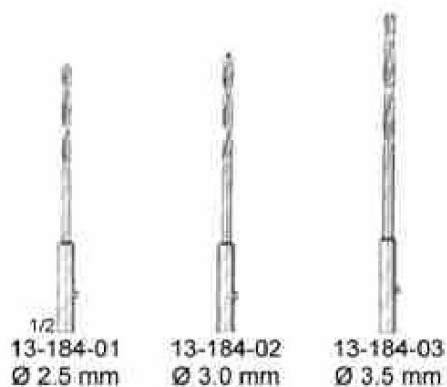


Bunnei
13-182-10

Bone Surgery - Knochenchirurgie - Cirugía ósea
Hand Drills
Handbohrapparate
Perforadores de mano



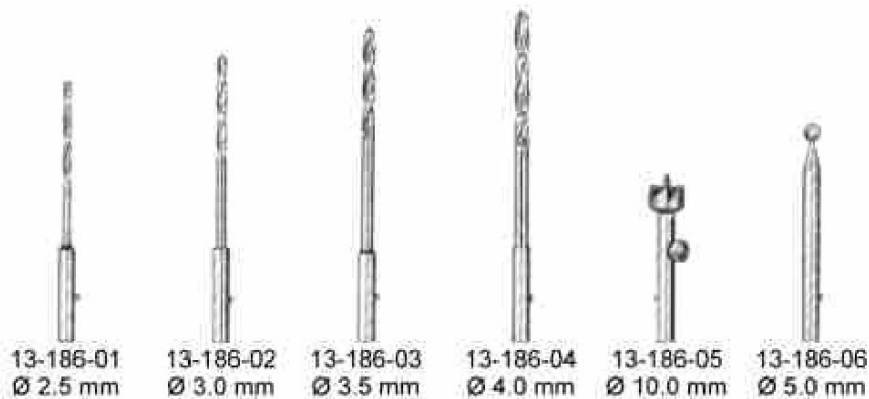
Stille - Sherman
13-184-24
24 cm



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

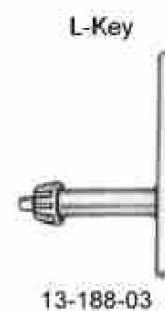
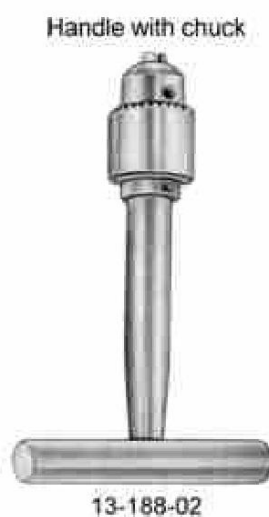
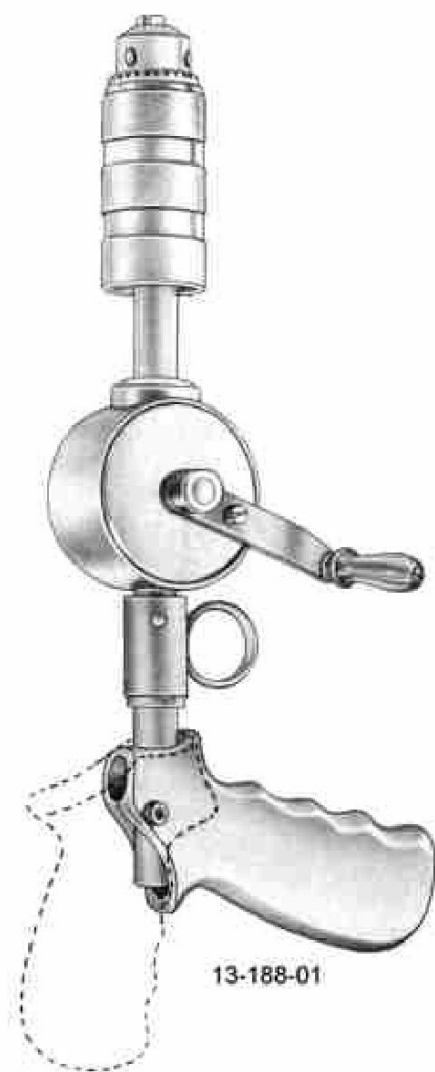
13-186-09
Ø 16.0 mm

13-186-10
Ø 1.0 mm

13-186-11
Ø 1.5 mm

13-186-12
Ø 2.0 mm

Bone Surgery - Knochenchirurgie - Cirugia ósea
Hand Drills
Handbohrapparate
Perforadores de mano



Bone Surgery - Knochenchirurgie - Cirugía ósea
Wire Twisting Forceps
Draht - Zangen
Pinzas para trocer hilos



1/1
13-190-01 15 cm
13-190-02 18 cm

13-190-01 - 13-190-02



1/1
13-190-11 15 cm
13-190-12 18 cm

13-190-11 - 13-190-12



1/1

1/2

13-190-15
15 cm



1/1

1/2

13-190-20
20 cm

Bone Surgery - Knochenchirurgie - Cirugia ósea
Wire Twisting Forceps
Draht - Zangen
Pinzas para trocer hilos



Bone Surgery - Knochenchirurgie - Cirugía ósea
Wire Twisting Forceps
Draht - Zangen
Pinzas para trocer hilos



13-198-15
15 cm

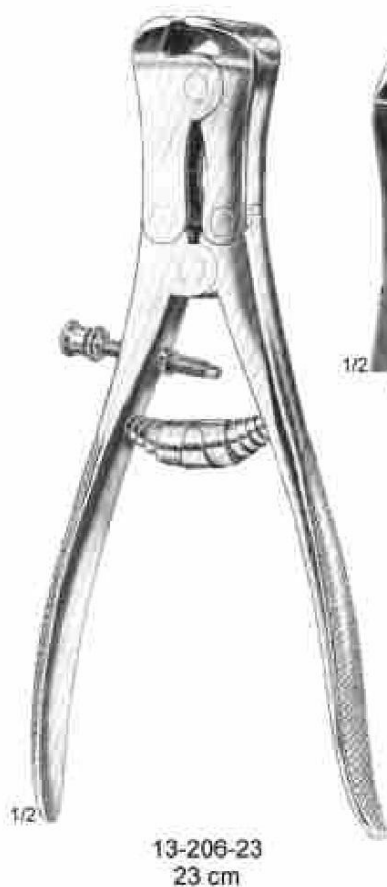
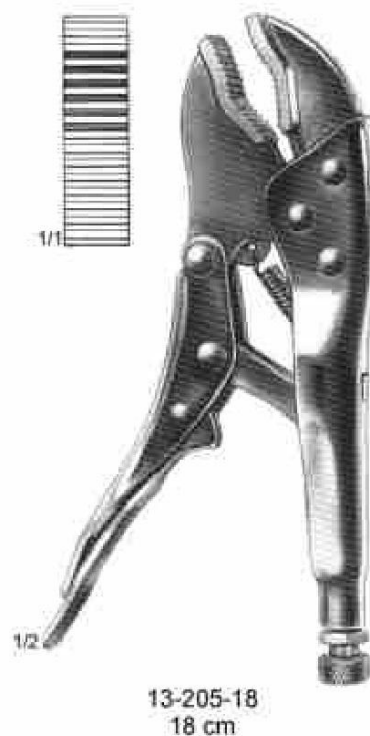


13-200-17
17 cm

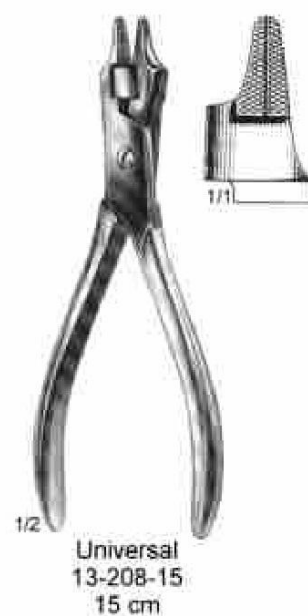


Baumgartner
13-202-20
20 cm

Bone Surgery - Knochenchirurgie - Cirugia ósea
Flat Nose Pliers, Wire Cutting Pliers
Flachzangen, Draht - Kneifzangen
Alicates planos, Alicates para cortar alambre

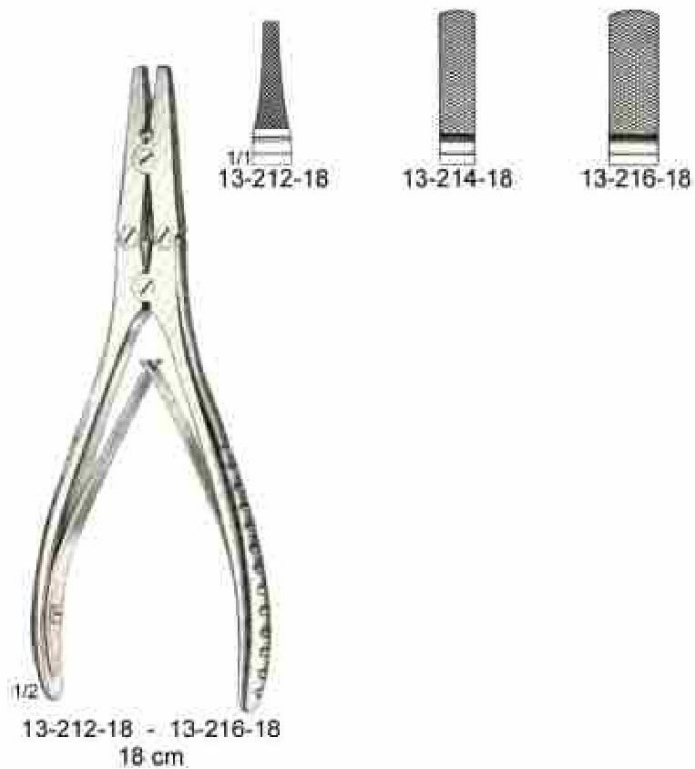
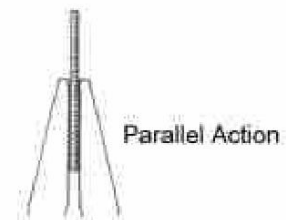
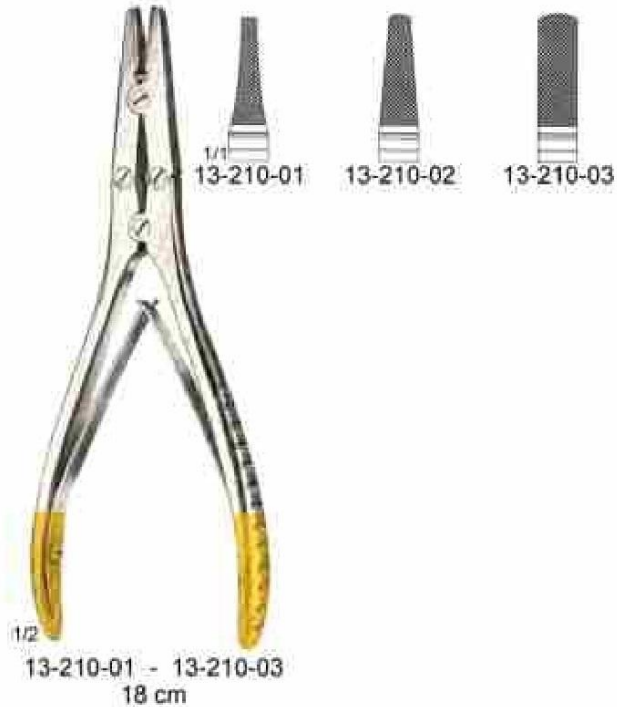


for bending and cutting

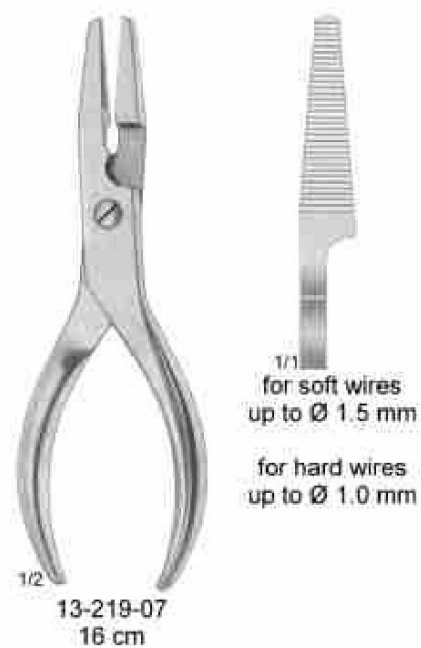
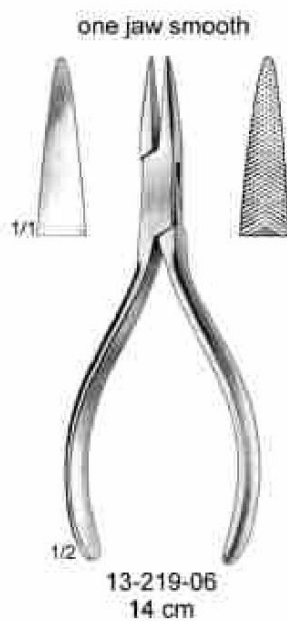
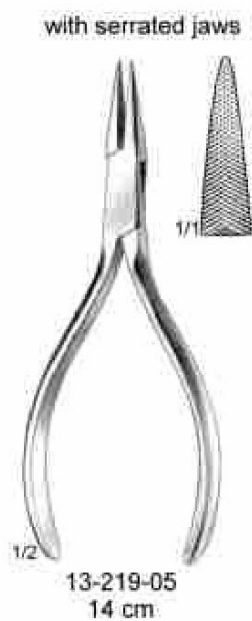
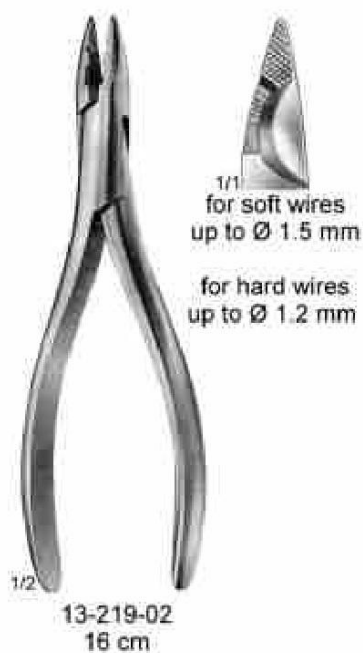
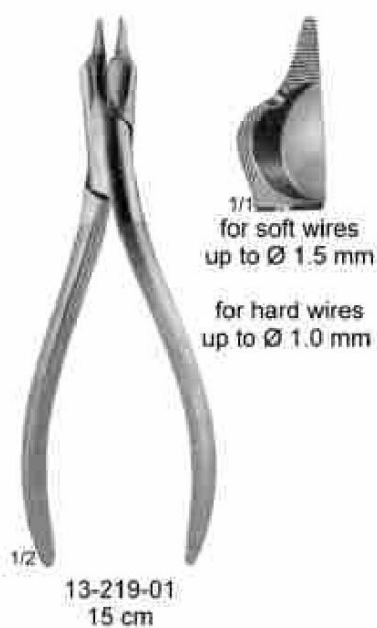




Bone Surgery - Knochenchirurgie - Cirugia ósea
Flat Nose Pliers
Flachzangen
Alicates Planas



Bone Surgery - Knochenchirurgie - Cirugia ósea
Flat Nose Pliers
Flachzangen
Alicates Planas



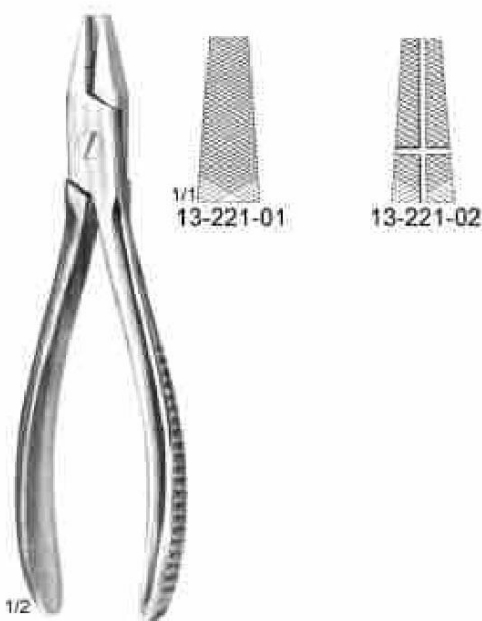
Bone Surgery - Knochenchirurgie - Cirugía ósea
Flat Nose Pliers
Flachzangen
Alicates Planas

with longitudinal groove



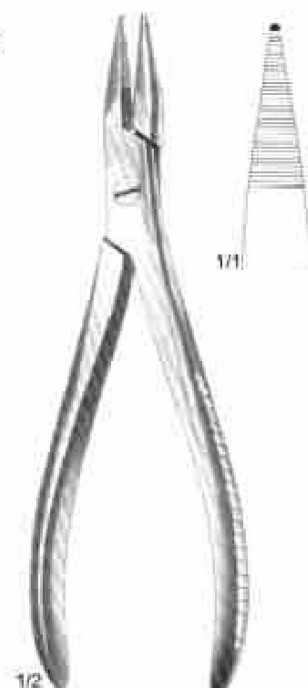
Hackstock
13-220-16
16 cm

with crosswise groove



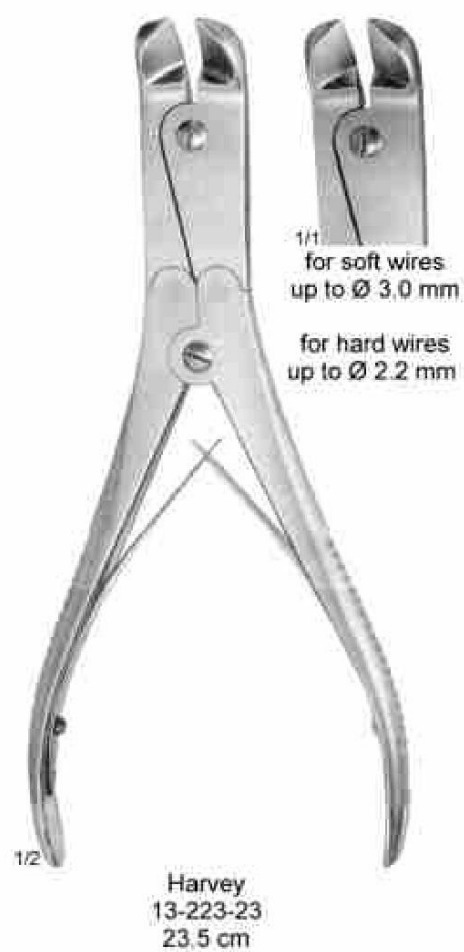
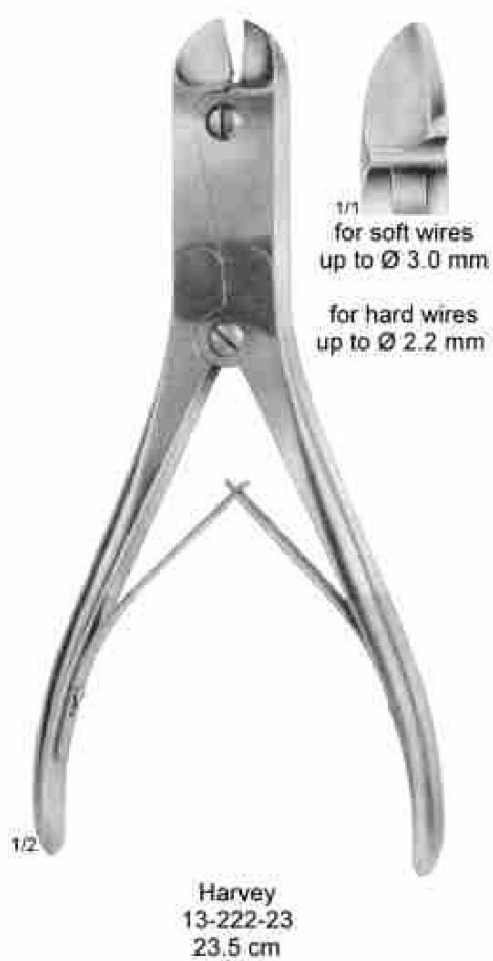
13-221-01 - 13-221-02
17 cm

pointed

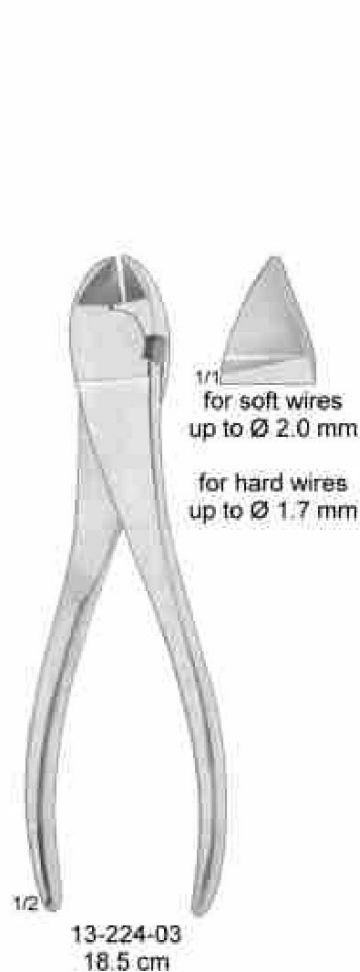
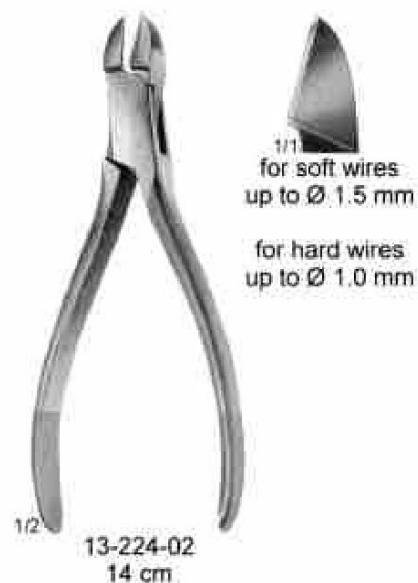
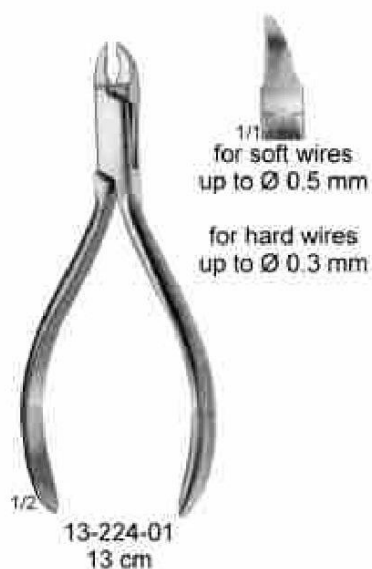


13-221-03
19 cm

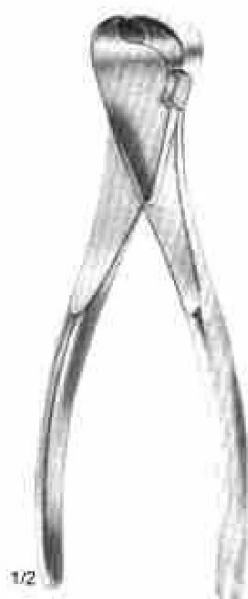
Bone Surgery - Knochenchirurgie - Cirugia ósea
Wire Cutting Pliers
Draht - Kneifzangen
Alicates para cortar alambre



Bone Surgery - Knochenchirurgie - Cirugía ósea
Wire Cutting Pliers
Draht - Kneifzangen
Alicates para cortar alambre



Bone Surgery - Knochenchirurgie - Cirugia ósea
Wire Cutting Pliers
Draht - Kneifzangen
Alicates para cortar alambre



for soft wires
up to Ø 2.4 mm

for hard wires
up to Ø 1.8 mm

1/2

13-230-16
16 cm

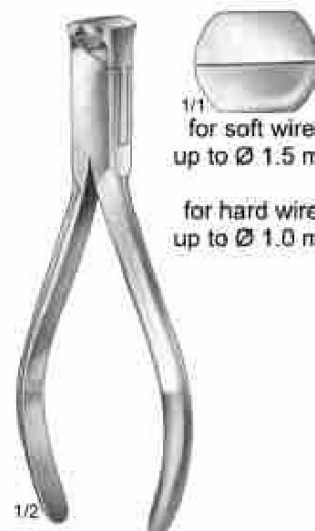


for soft wires
up to Ø 2.2 mm

for hard wires
up to Ø 2.0 mm

1/2

Martin - Diamant
13-232-16
16 cm

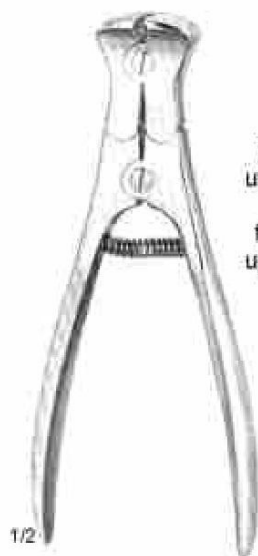


1/1
for soft wires
up to Ø 1.5 mm

for hard wires
up to Ø 1.0 mm

1/2

13-233-14
14.5 cm

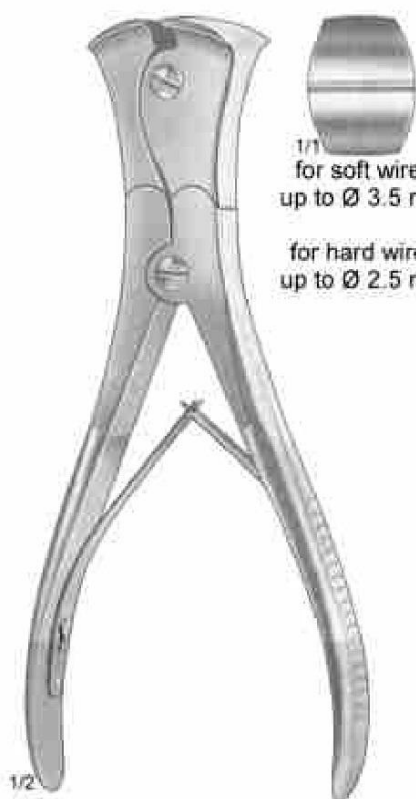


for soft wires
up to Ø 2.0 mm

for hard wires
up to Ø 1.2 mm

1/2

13-234-15
15 cm



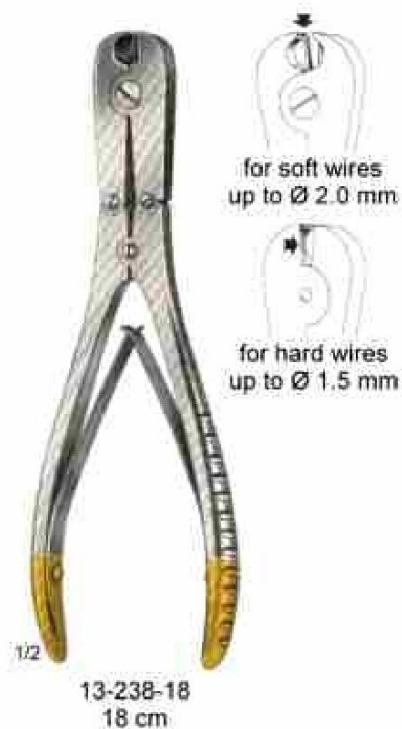
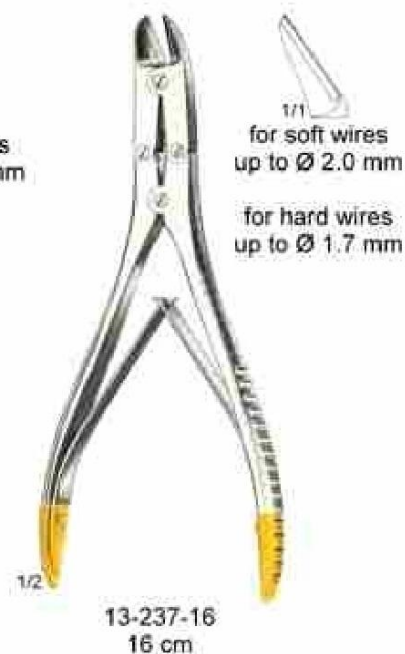
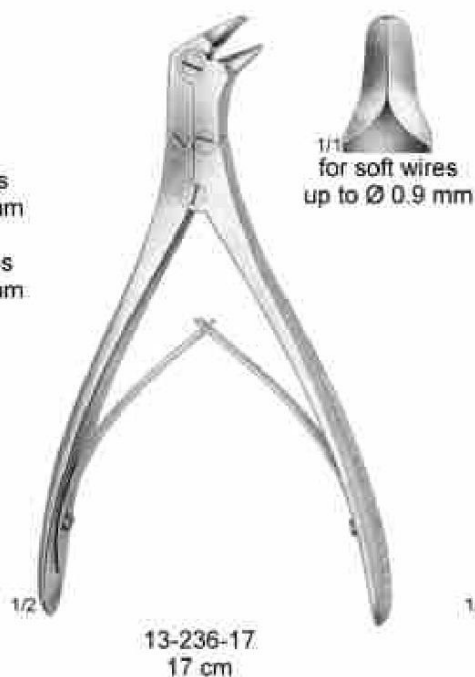
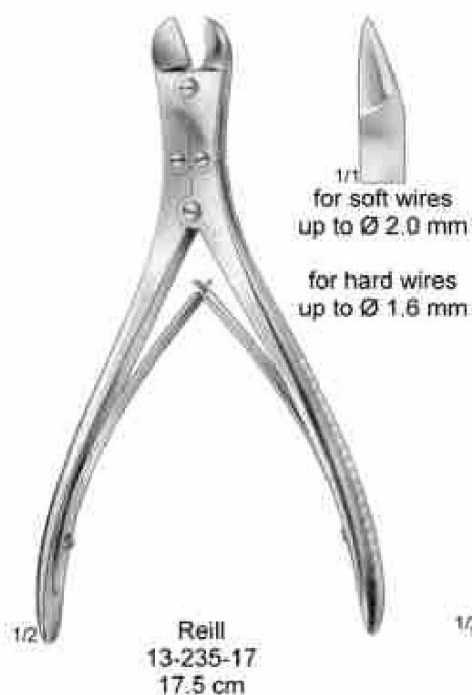
1/1
for soft wires
up to Ø 3.5 mm

for hard wires
up to Ø 2.5 mm

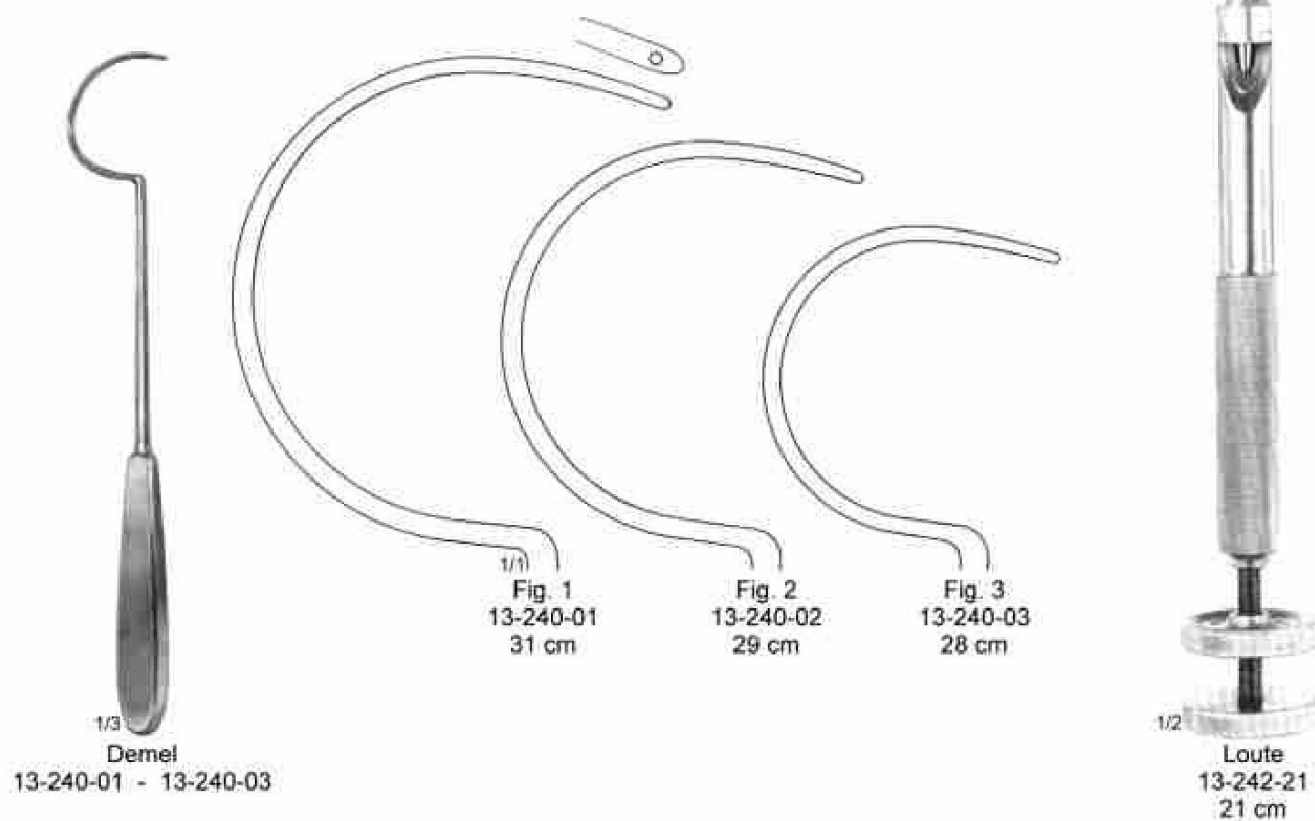
1/2

13-234-22
22 cm

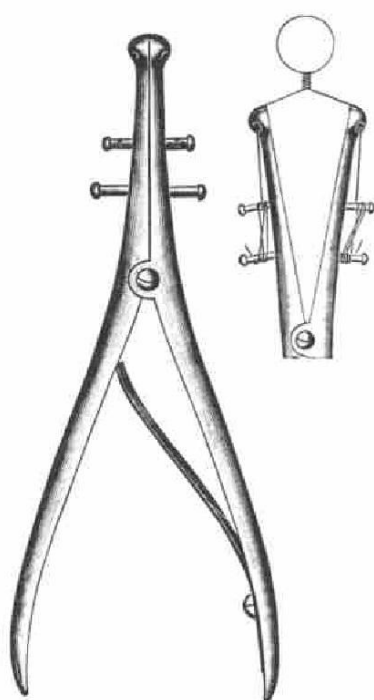
Bone Surgery - Knochenchirurgie - Cirugía ósea
Wire Cutting Pliers
Draht - Kneifzangen
Alicates para cortar alambre



Bone Surgery - Knochenchirurgie - Cirugia ósea
Bone Wire Guides, Bone Wire Tighteners
Drahtumführungsadeln, Drahtspanninstrumente
Agujas pasa-hilos, Tensores cierra-hilo



Bone Surgery - Knochenchirurgie - Cirugía ósea
Bone Wire Guides, Bone Wire Tighteners
Drahtumföhrungsnadeln, Drahtspanninstrumente
Agujas pasa-hilos, Tensores cierra-hilo



Demel
13-244-28
28 cm



Parham
13-246-23
23 cm



Parham
13-246-22
22 cm

Handle from artificial wood



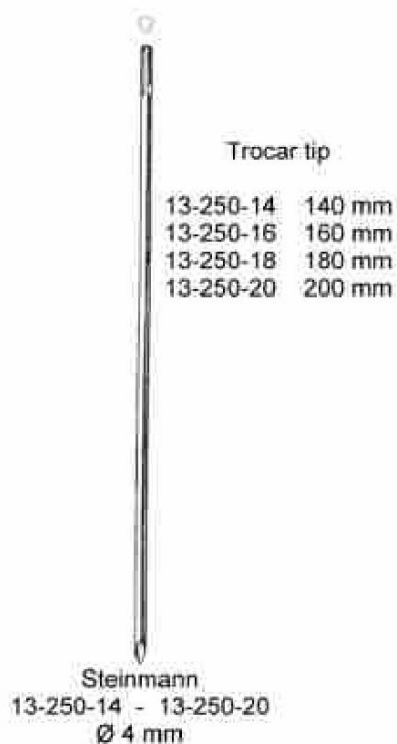
13-248-45



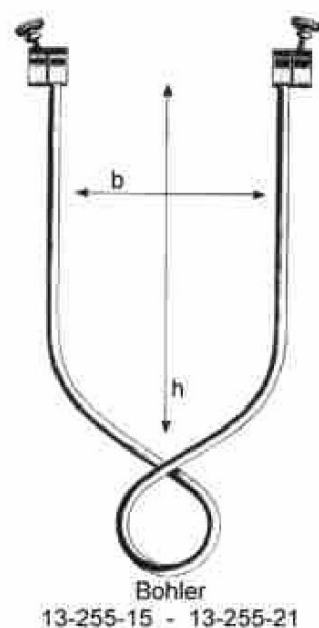
13-248-70



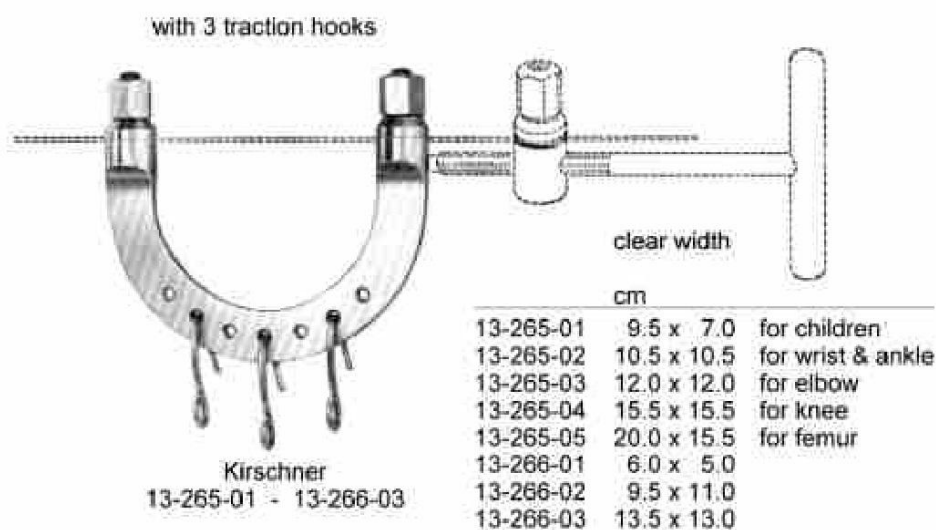
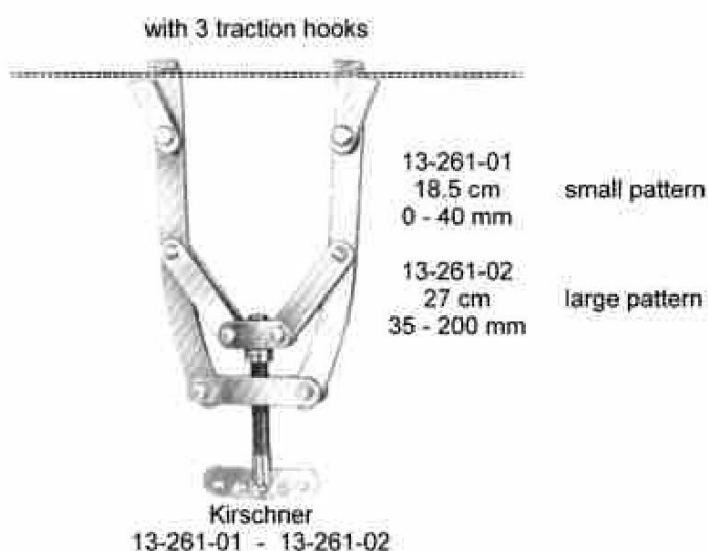
Bone Surgery - Knochenchirurgie - Cirugia ósea
Extension Bows, Steinmann Pins, Clips
Extensionsbügel, Steinmann Nägel, Klammern
Extrijos para extensión, Grapas



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



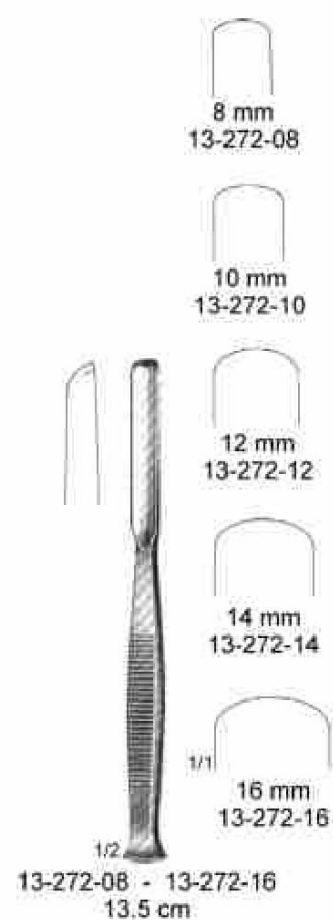
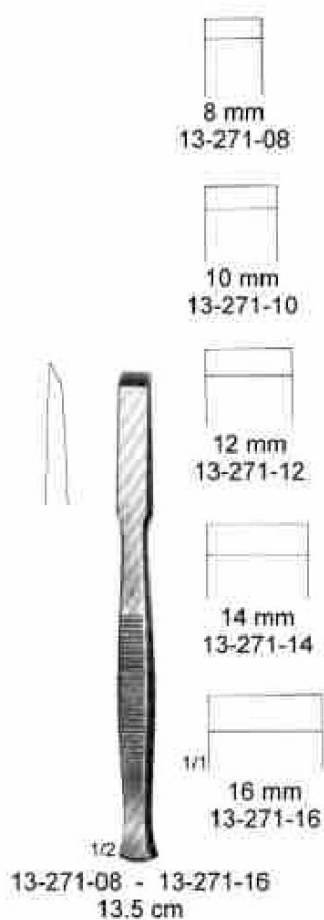
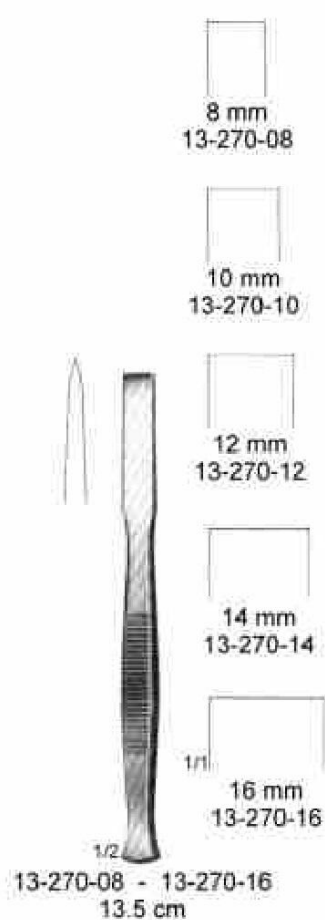
Bone Surgery - Knochenchirurgie - Cirugía ósea
Extension Bows
Extensionsbügel
Extrijos para extensión



for extension bow



Bone Surgery - Knochenchirurgie - Cirugia ósea
Bone Chisels and Gouges
Meißel und Osteotome
Cinceles y Gubias para huesos



Bone Surgery - Knochenchirurgie - Cirugía ósea
Bone Chisels and Gouges
Meißel und Osteotome
Cinceles y Gubias para huesos


 4 mm
 13-284-04


 4 mm
 13-285-04


 2 mm
 13-275-02
 13.5 cm

 2 mm
 13-276-02
 17 cm


 2 mm
 13-279-02
 13.5 cm

 2 mm
 13-280-02
 17 cm


 6 mm
 13-284-06


 6 mm
 13-285-06


 3 mm
 13-275-03
 13.5 cm

 3 mm
 13-276-03
 17 cm


 3 mm
 13-279-03
 13.5 cm

 3 mm
 13-280-03
 17 cm


 8 mm
 13-284-08


 8 mm
 13-285-08


 4 mm
 13-275-04
 13.5 cm

 4 mm
 13-276-04
 17 cm


 4 mm
 13-279-04
 13.5 cm

 4 mm
 13-280-04
 17 cm


 10 mm
 13-284-10


 10 mm
 13-285-10


 5 mm
 13-275-05
 13.5 cm

 5 mm
 13-276-05
 17 cm


 5 mm
 13-279-05
 13.5 cm

 5 mm
 13-280-05
 17 cm


 12 mm
 13-284-12


 12 mm
 13-285-12


 6 mm
 13-275-06
 13.5 cm

 6 mm
 13-276-06
 17 cm


 6 mm
 13-279-06
 13.5 cm

 6 mm
 13-280-06
 17 cm


 14 mm
 13-284-14


 14 mm
 13-285-14

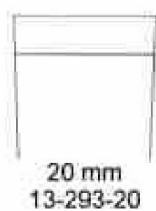
1/2
 Partsch
 13-275-02 - 13-276-06

1/2
 Partsch
 13-279-02 - 13-280-06

1/2
 Alexander
 13-284-04 - 13-284-14
 18 cm

1/2
 Alexander
 13-285-04 - 13-285-14
 18 cm

Bone Surgery - Knochenchirurgie - Cirugía ósea
Bone Chisels and Gouges
Meißel und Osteotome
Cinceles y Gubias para huesos

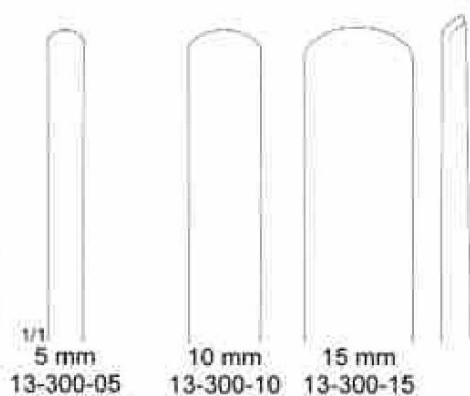


1/2
Stille
13-293-10 - 13-293-25
20 cm

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

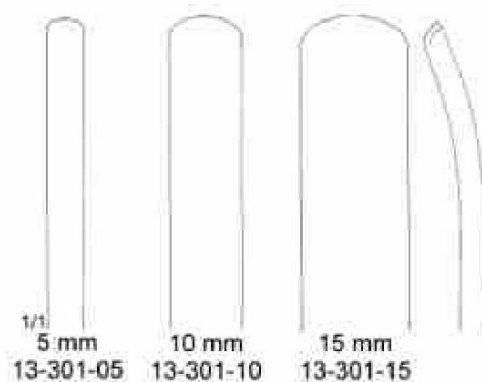
1/2
Stille
13-297-10 - 13-297-25
20 cm

Bone Surgery - Knochenchirurgie - Cirugía ósea
Bone Chisels and Gouges
Meißel und Osteotome
Cinceles y Gubias para huesos



Lexer
13-300-05 - 13-300-15
25 cm

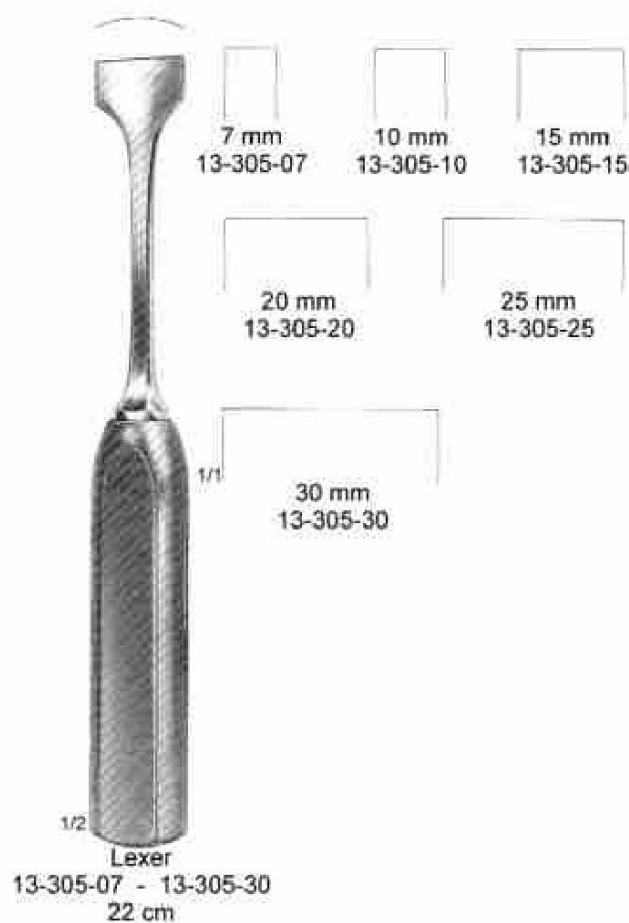
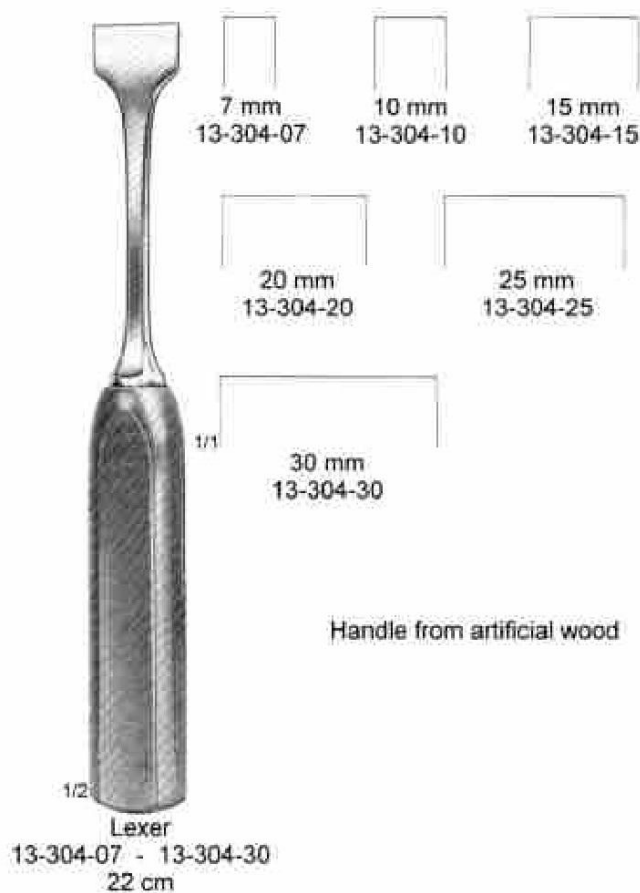
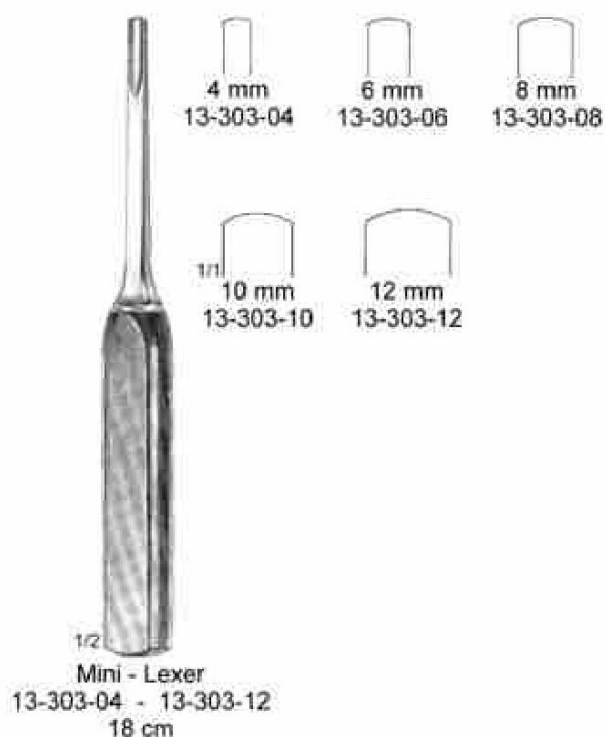
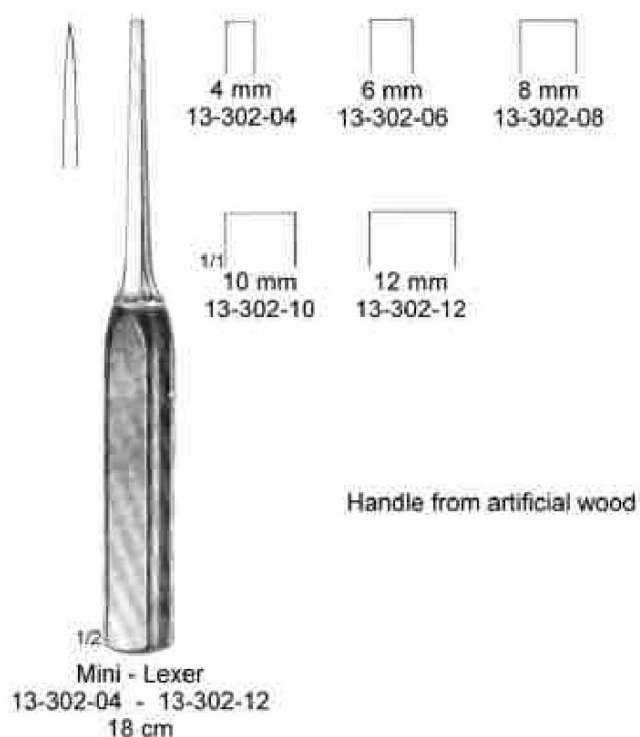
Handle from artificial wood



Lexer
13-301-05 - 13-301-15
25 cm

Handle from artificial wood

Bone Surgery - Knochenchirurgie - Cirugia ósea
Bone Chisels and Gouges
Meißel und Osteotome
Cinceles y Gubias para huesos



Bone Surgery - Knochenchirurgie - Cirugía ósea
Bone Chisels and Gouges
Meißel und Osteotome
Cinceles y Gubias para huesos



1/2

Lexer
27.5 cm

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

Handle from artificial wood



1/2

Lexer
27.5 cm

13-307-10
13-307-15

Bone Surgery - Knochenchirurgie - Cirugia ósea
Bone Chisels and Gouges
Meißel und Osteotome
Cinceles y Gubias para huesos

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



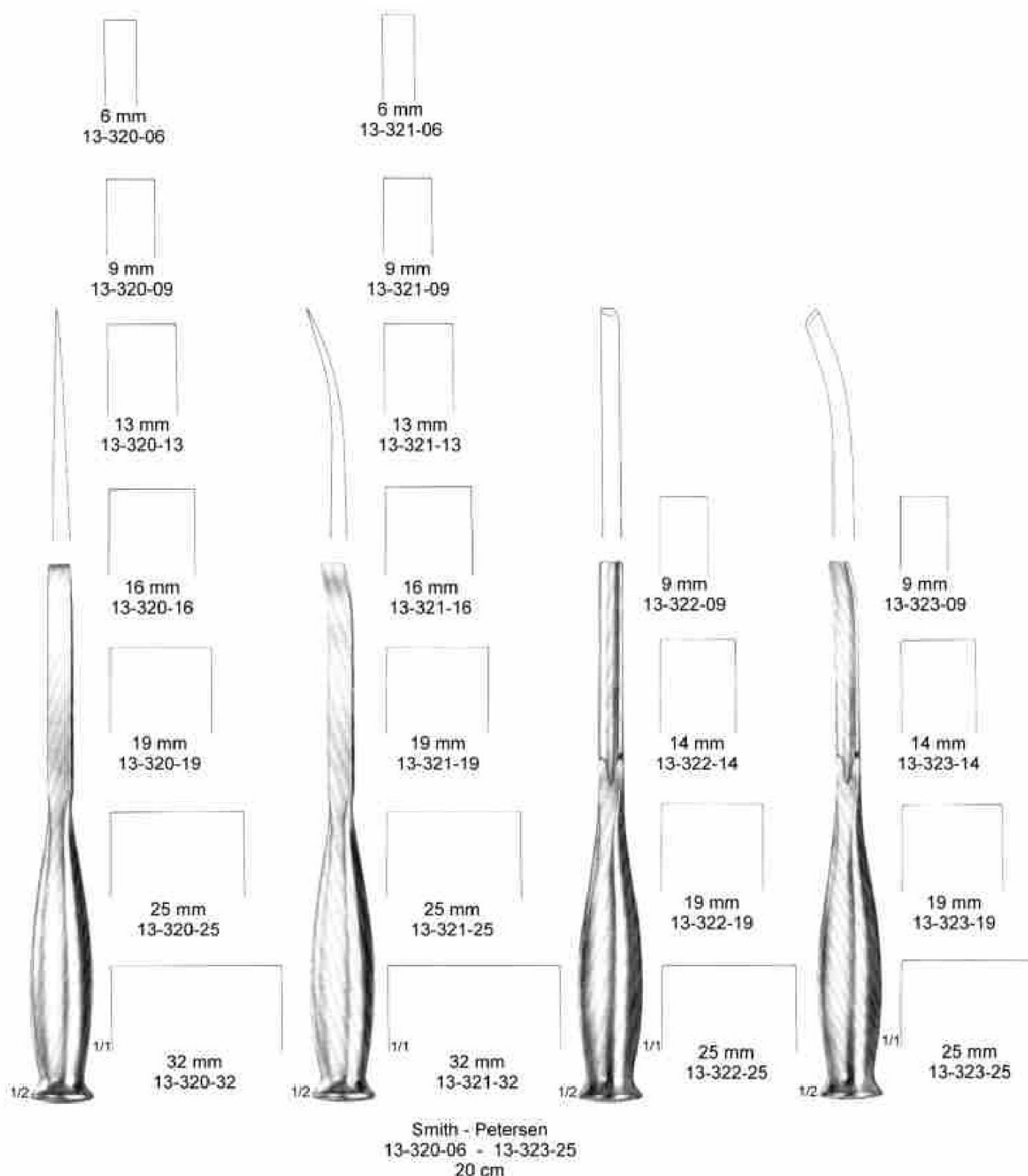
1/2
Cobb
13-310-04
28 cm

Bone Surgery - Knochenchirurgie - Cirugía ósea
Bone Chisels and Gouges
Meißel und Osteotome
Cinceles y Gubias para huesos

Handle from artificial wood



Bone Surgery - Knochenchirurgie - Cirugia ósea
Bone Chisels and Gouges
Meißel und Osteotome
Cinceles y Gubias para huesos



Bone Surgery - Knochenchirurgie - Cirugía ósea
Bone Chisels and Gouges
Meißel und Osteotome
Cinceles y Gubias para huesos



Hibbs
24 cm



06 mm 13-333-06
 13 mm 13-333-13
 19 mm 13-333-19
 25 mm 13-333-25
 32 mm 13-333-32

13-334-06
 13-334-13
 13-334-19
 13-334-25
 13-334-32

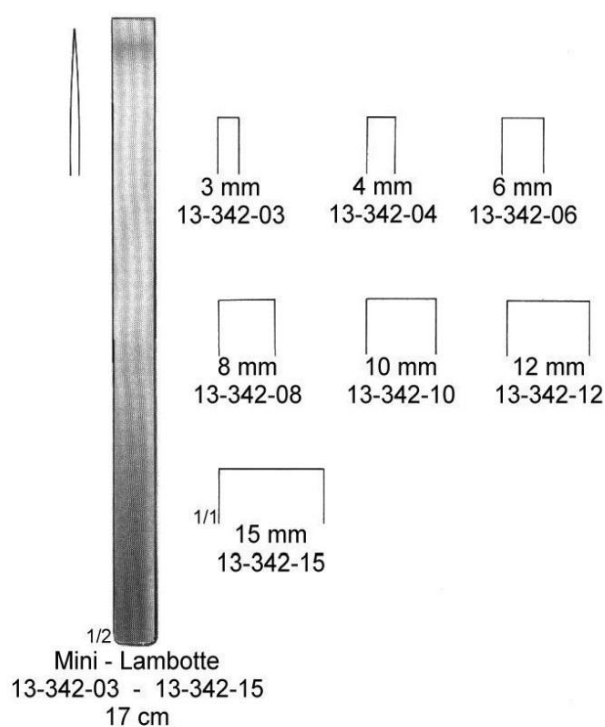
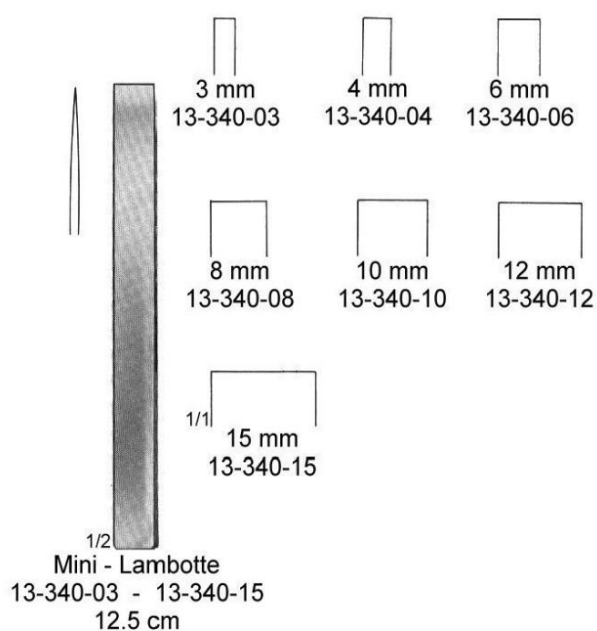
13-335-06
 13-335-13
 13-335-19
 13-335-25
 13-335-32

13-336-06
 13-336-13
 13-336-19
 13-336-25
 13-336-32

13-337-06
 13-337-13
 13-337-19
 13-337-25
 13-337-32

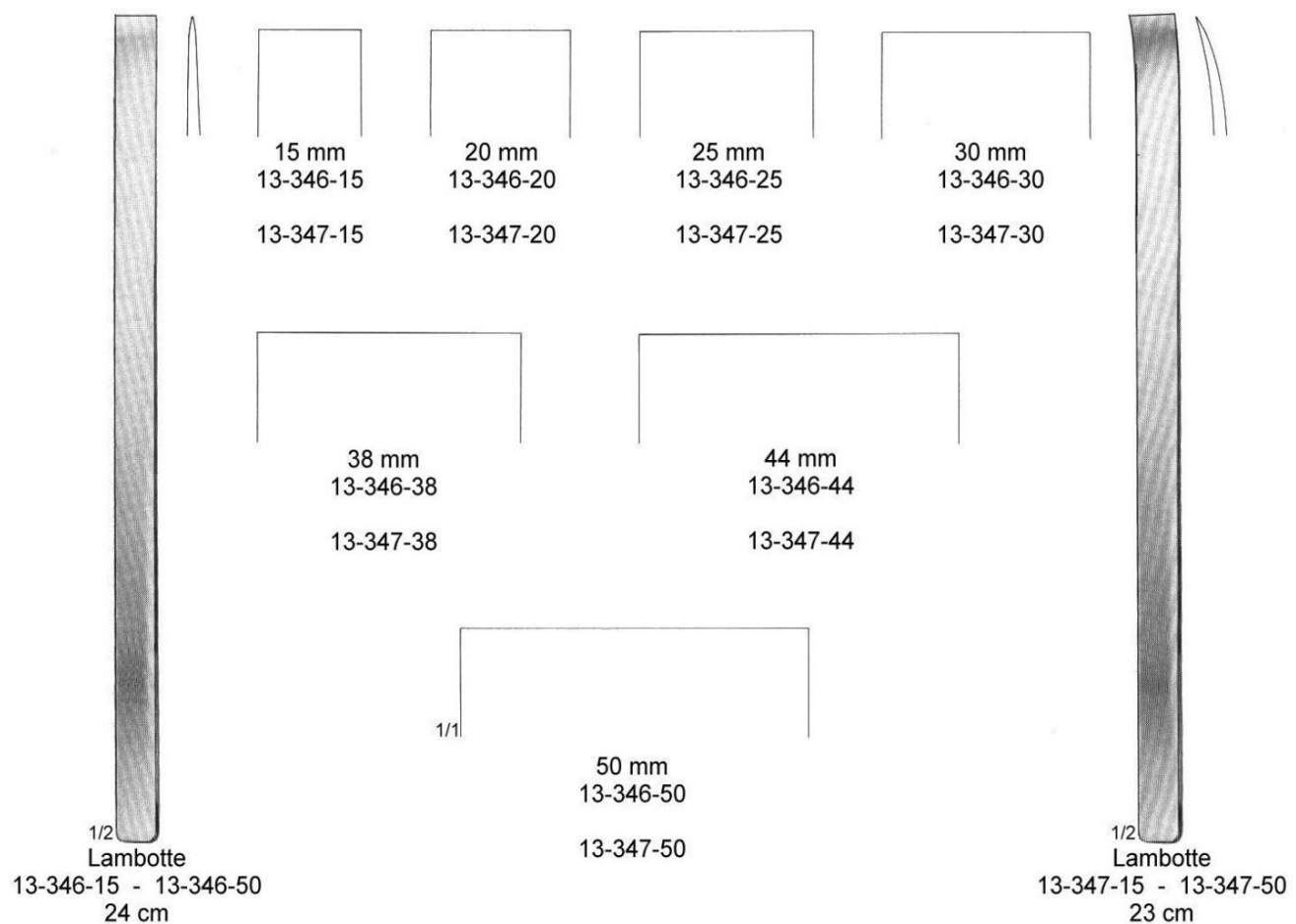


Bone Surgery - Knochenchirurgie - Cirugía ósea
 Bone Chisels and Gouges
 Meißel und Osteotome
 Cinceles y Gubias para huesos



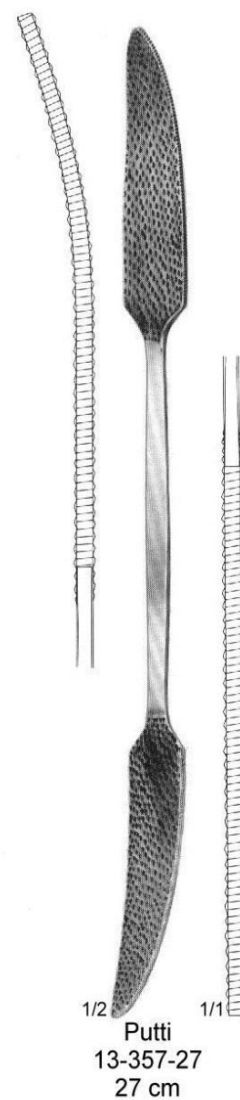
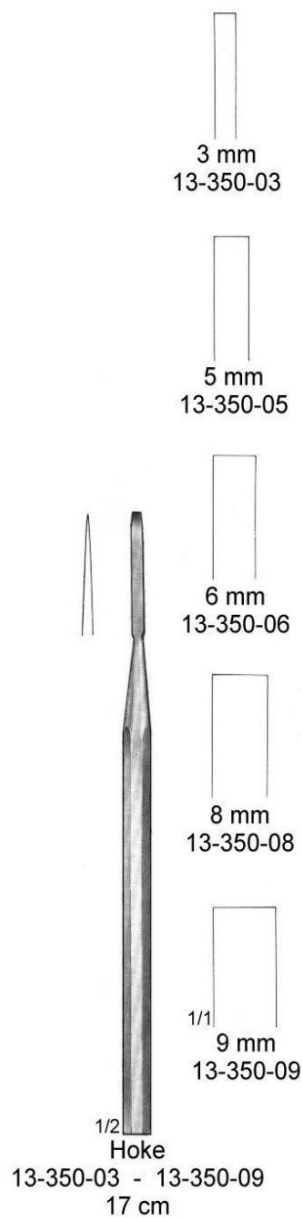


Bone Surgery - Knochenchirurgie - Cirugía ósea
 Bone Chisels and Gouges
 Meißel und Osteotome
 Cinceles y Gubias para huesos



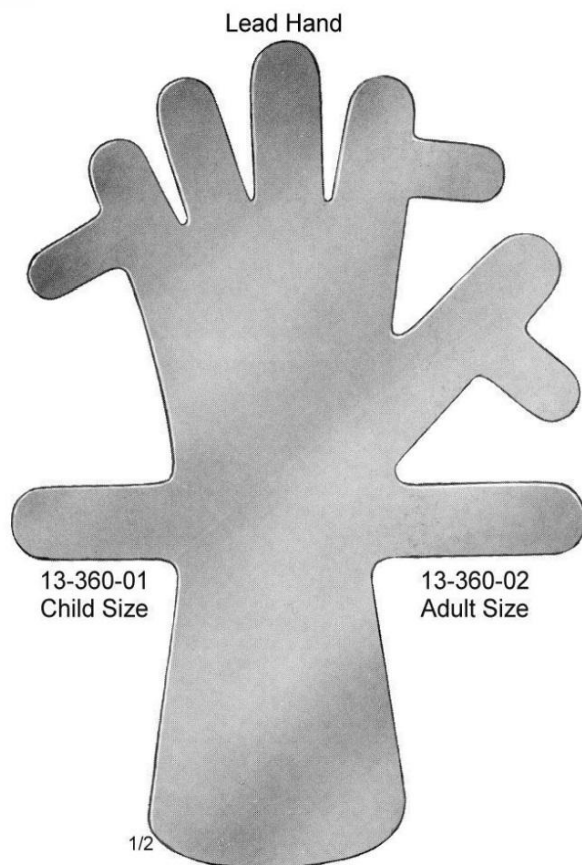


Bone Surgery - Knochenchirurgie - Cirugía ósea
 Bone Chisels and Gouges, Bone Rasp
 Meißel und Osteotome, Knochenra Speln
 Cinceles y Gubias para huesos, Escofinas para Hueso

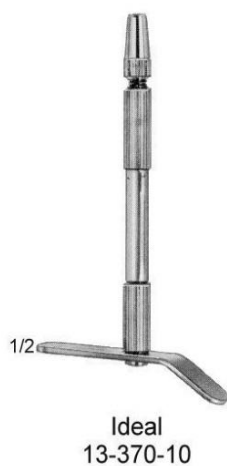




Bone Surgery - Knochenchirurgie - Cirugía ósea
Lead Hands, Nail Instruments
Bleihände, Instrumente für Finger- und Zehennägel
Manoplas de plomo, Instrumentos para uñas



13-360-01 - 13-360-02



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



13-371-01



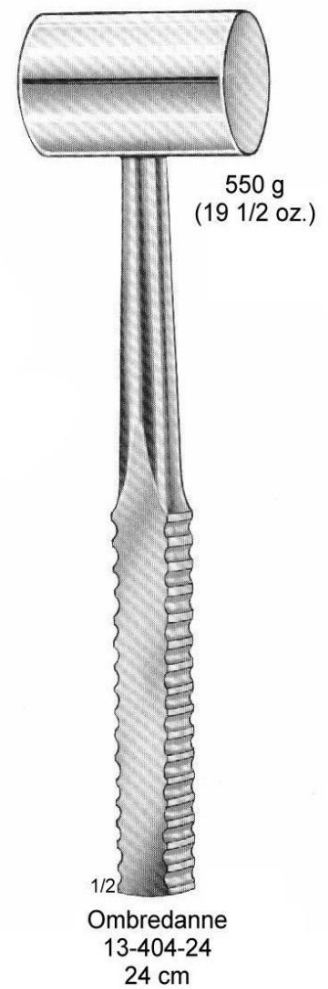
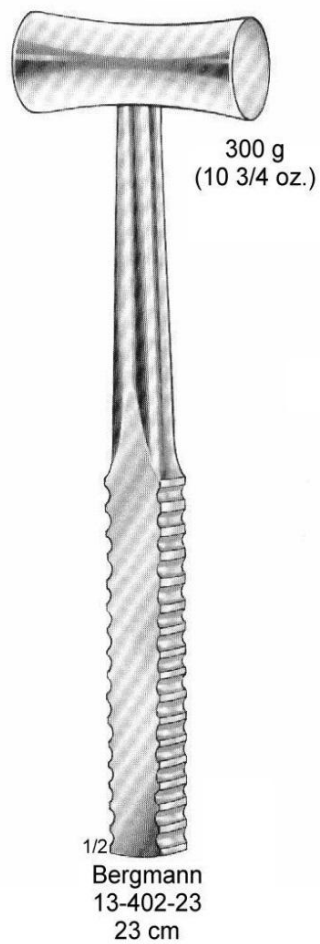
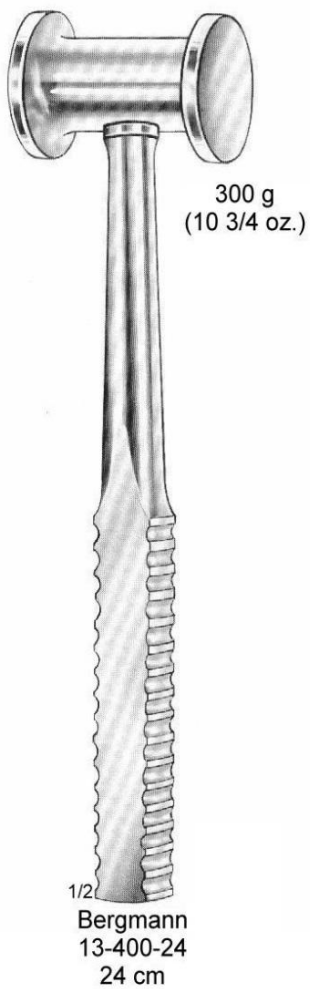
13-371-02



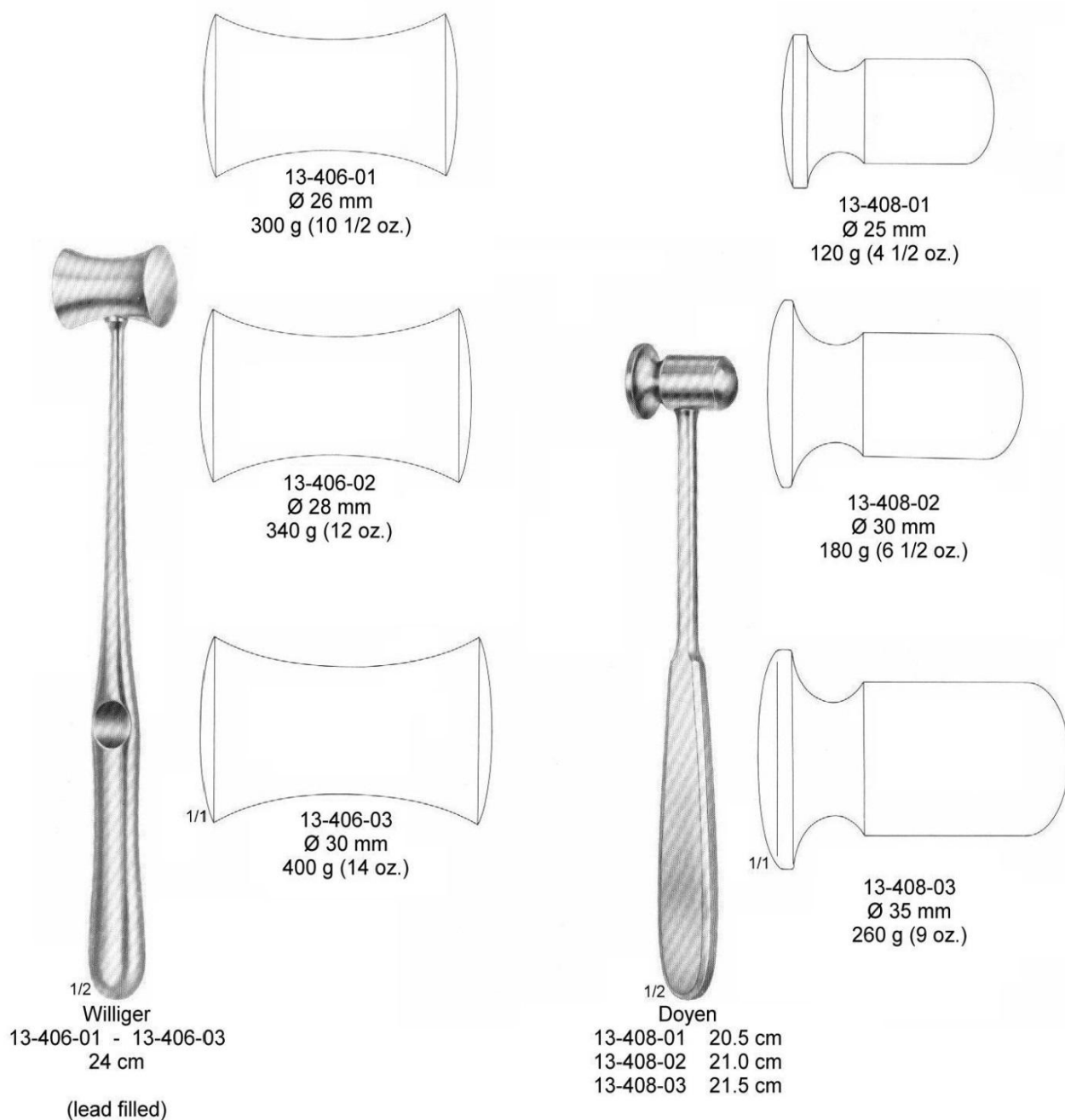
13-371-03



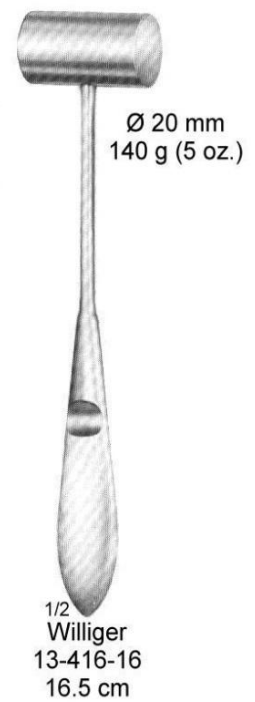
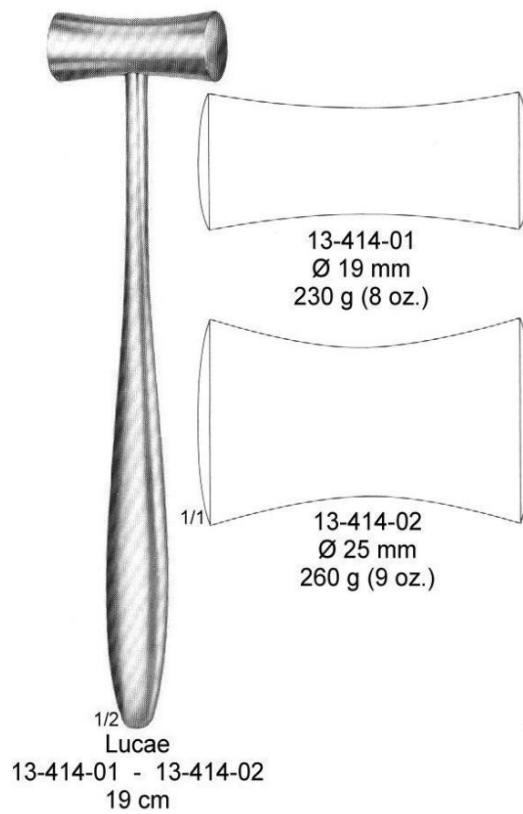
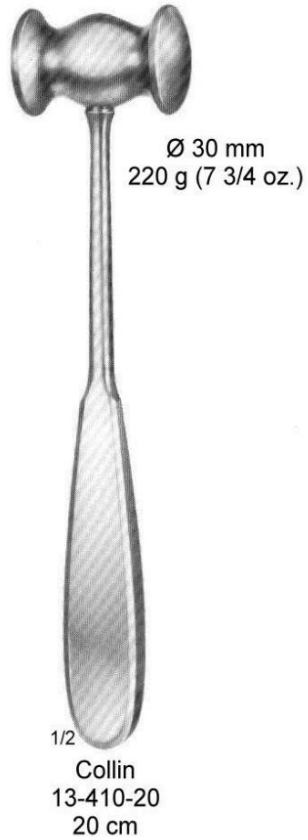
Bone Surgery - Knochenchirurgie - Cirugía ósea
Mallets
Hämmer
Martillos y Mazos



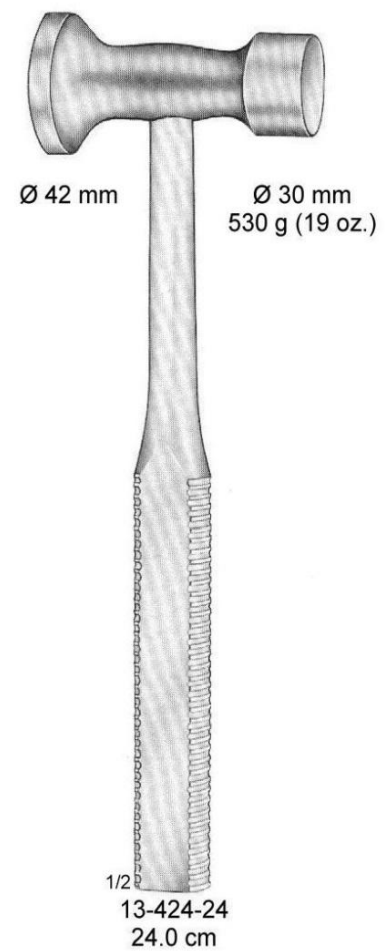
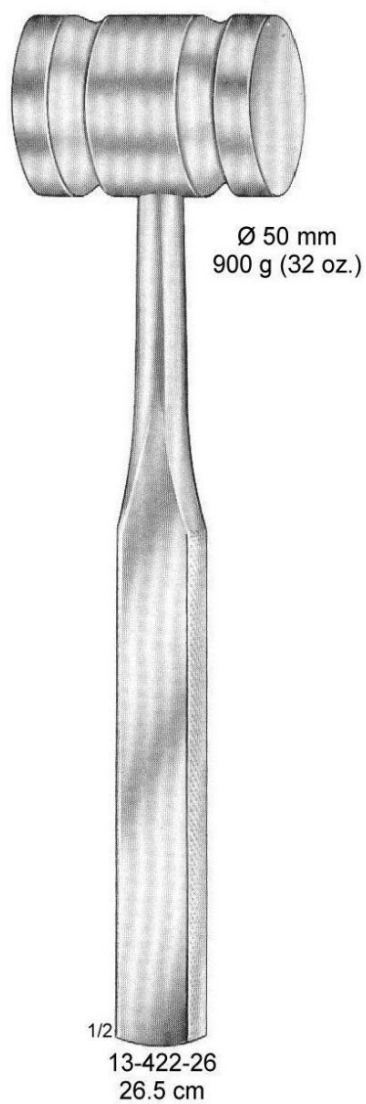
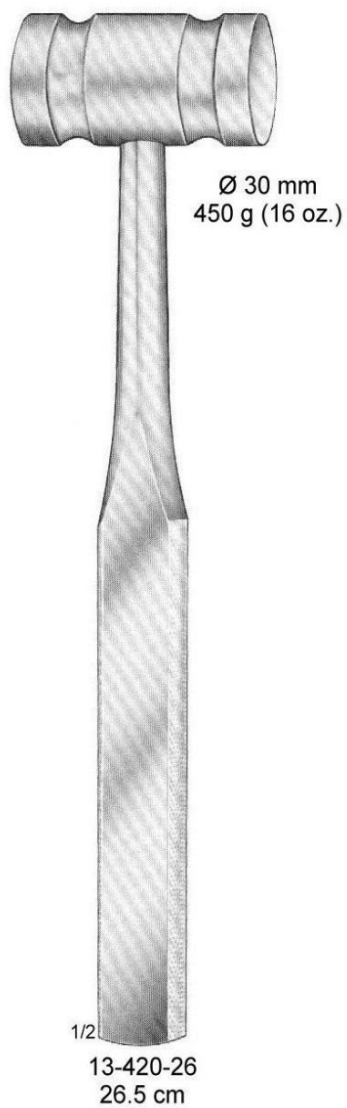
Bone Surgery - Knochenchirurgie - Cirugía ósea
Mallets
Hämmer
Martillos y Mazos



Bone Surgery - Knochenchirurgie - Cirugía ósea
Mallets
Hämmer
Martillos y Mazos

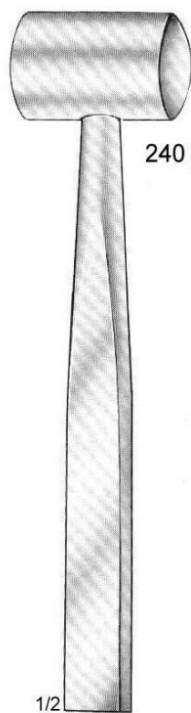


Bone Surgery - Knochenchirurgie - Cirugía ósea
Mallets
Hämmer
Martillos y Mazos



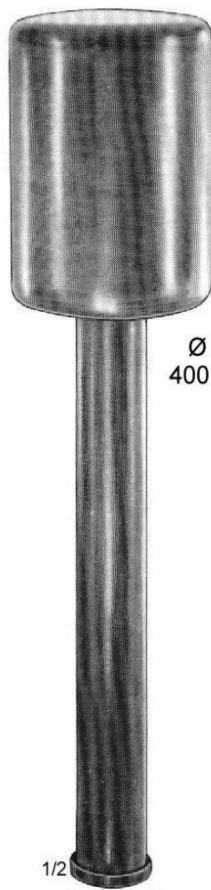


Bone Surgery - Knochenchirurgie - Cirugía ósea
 Mallets
 Hämmer
 Martillos y Mazos



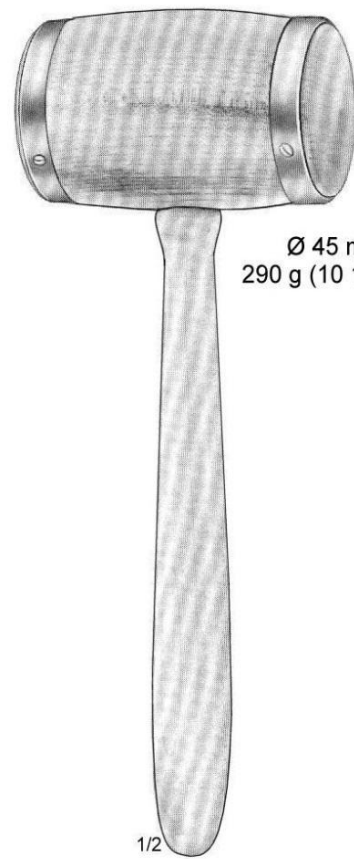
240 g (8 1/2 oz.)

1/2
 Cottle
 13-430-19
 19 cm



Ø 80 x 60 mm
 400 g (14 1/4 oz.)

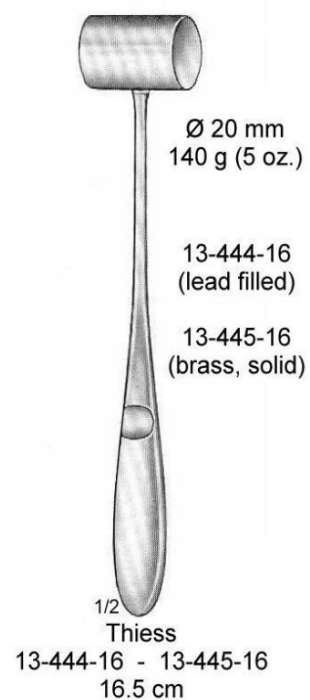
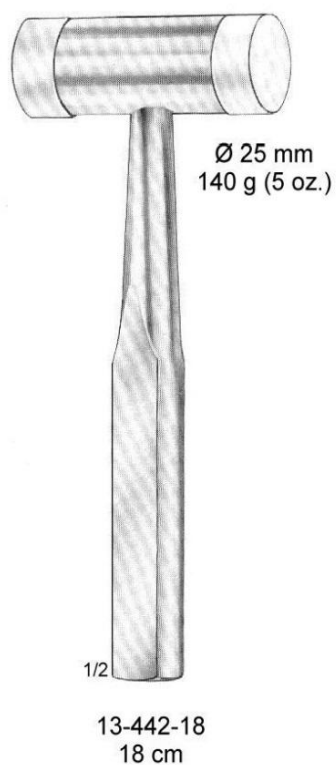
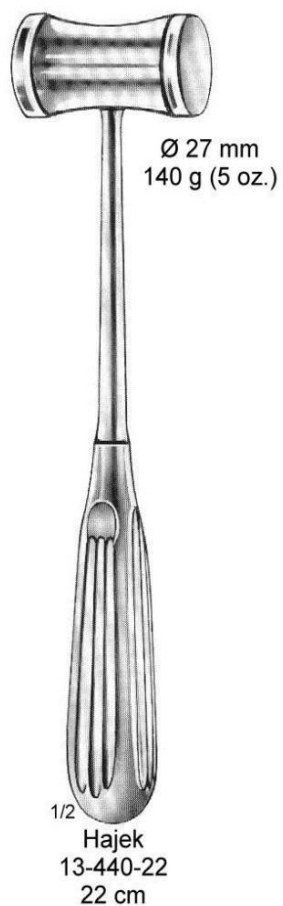
1/2
 Steinbach
 13-432-24
 24 cm



Ø 45 mm
 290 g (10 1/2 oz.)

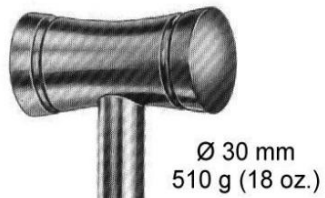
1/2
 13-434-23
 23 cm

Bone Surgery - Knochenchirurgie - Cirugía ósea
Mallets
Hämmer
Martillos y Mazos





Bone Surgery - Knochenchirurgie - Cirugía ósea
Mallets
Hämmer
Martillos y Mazos



1/2

13-448-26
26 cm

with interchangeable
Ferozell faces



Ø 26 mm
320 g (11 1/4 oz.)

13-450-17
(solid)

13-451-17
(Ferozell Faces)

1/2

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



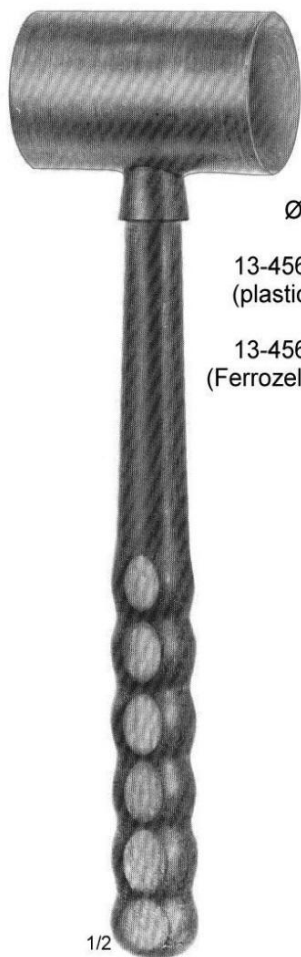
Ø 22 mm
200 g (7 oz.)

1/2

Partsch
13-454-18
18 cm



Bone Surgery - Knochenchirurgie - Cirugía ósea
Mallets
Hämmer
Martillos y Mazos



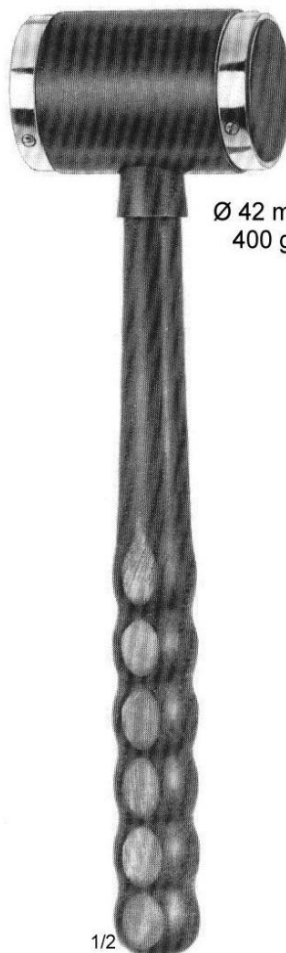
Ø 42 mm

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

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

1/2

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



Ø 42 mm
400 g

1/2

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

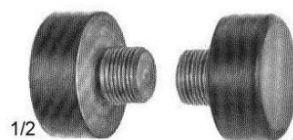


Ø 30 mm
675 g

1/2

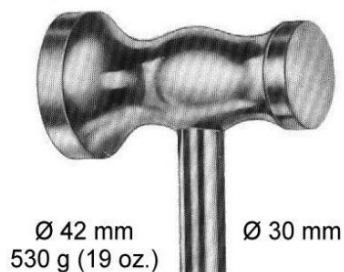
13-460-26
26 cm
(repercussion free)

Bone Surgery - Knochenchirurgie - Cirugía ósea
Mallets
Hämmer
Martillos y Mazos



13-467-00

Spare Faces, pair



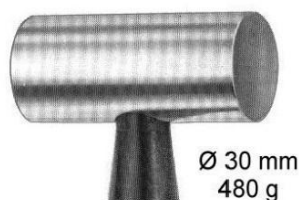
Ø 42 mm
530 g (19 oz.)

Ø 30 mm

1/2

13-462-26
26 cm
(steel, solid)

(with plastic handle)

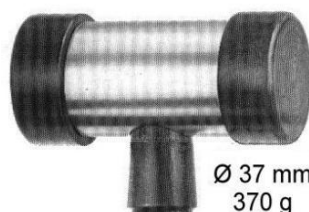


Ø 30 mm
480 g

1/2

13-464-24
24 cm
(steel, solid)

(with plastic handle)

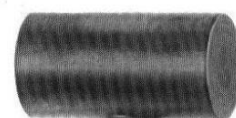


Ø 37 mm
370 g

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)

Bone Surgery - Knochenchirurgie - Cirugía ósea
Mallets
Hämmer
Martillos y Mazos



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



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

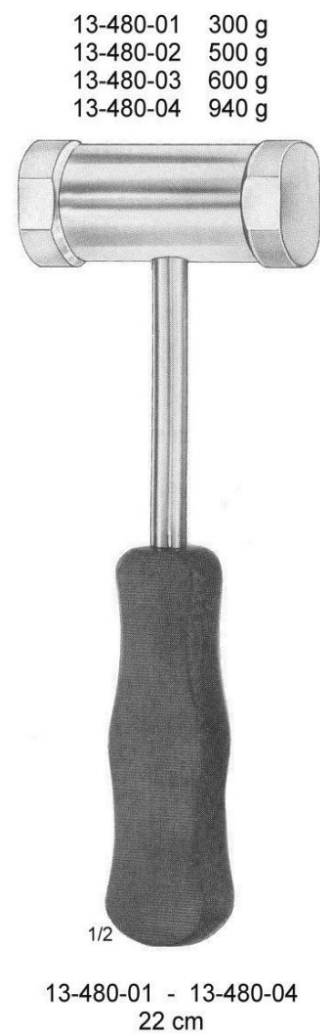
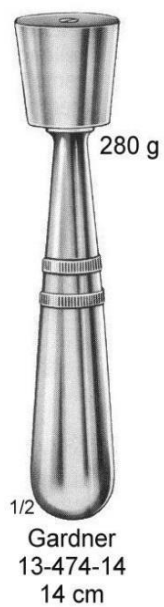
with interchangeable plastic disks

pair of spare disks



Vickers
13-472-19
19 cm

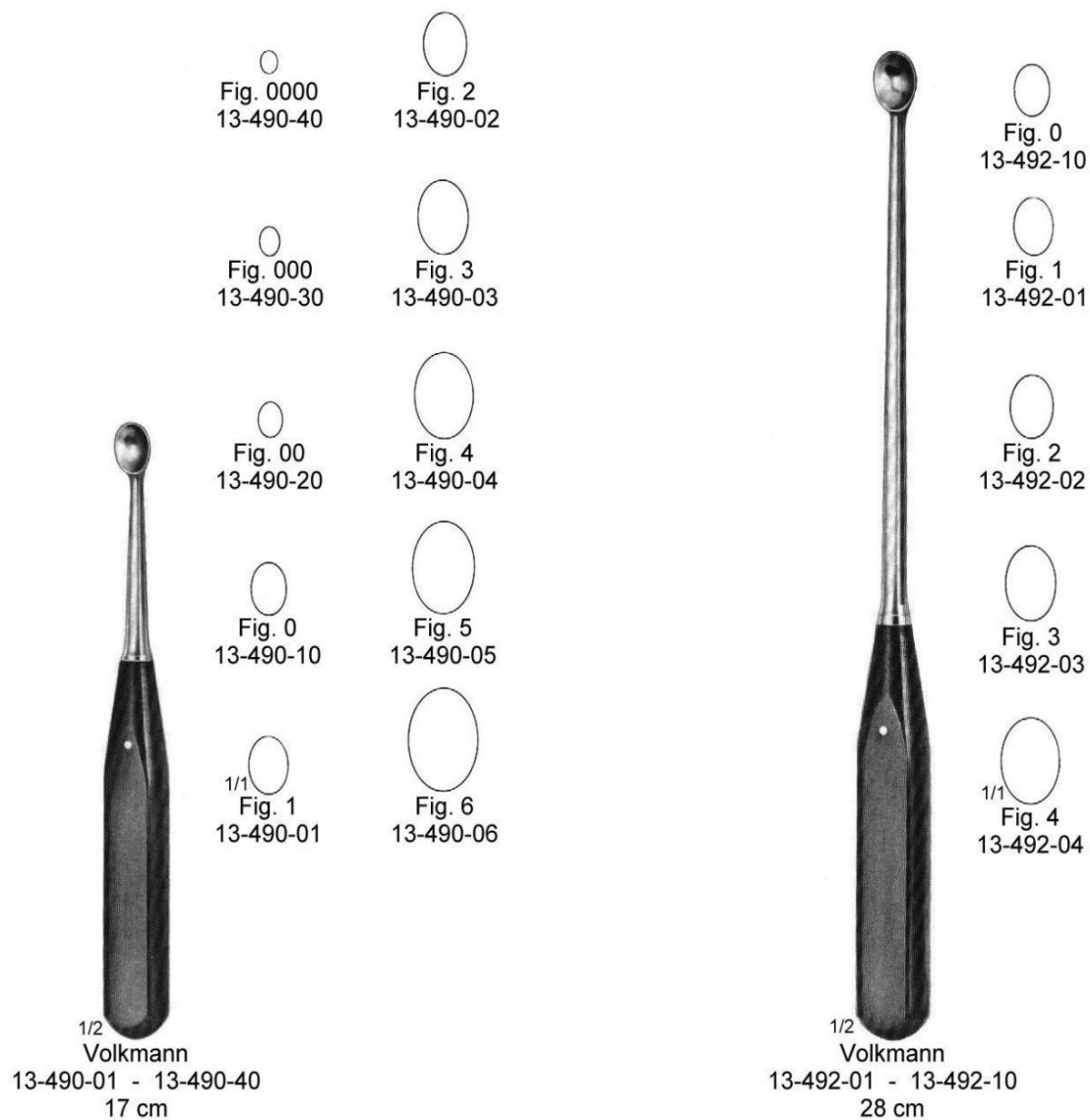
Bone Surgery - Knochenchirurgie - Cirugía ósea
Mallets
Hämmer
Martillos y Mazos



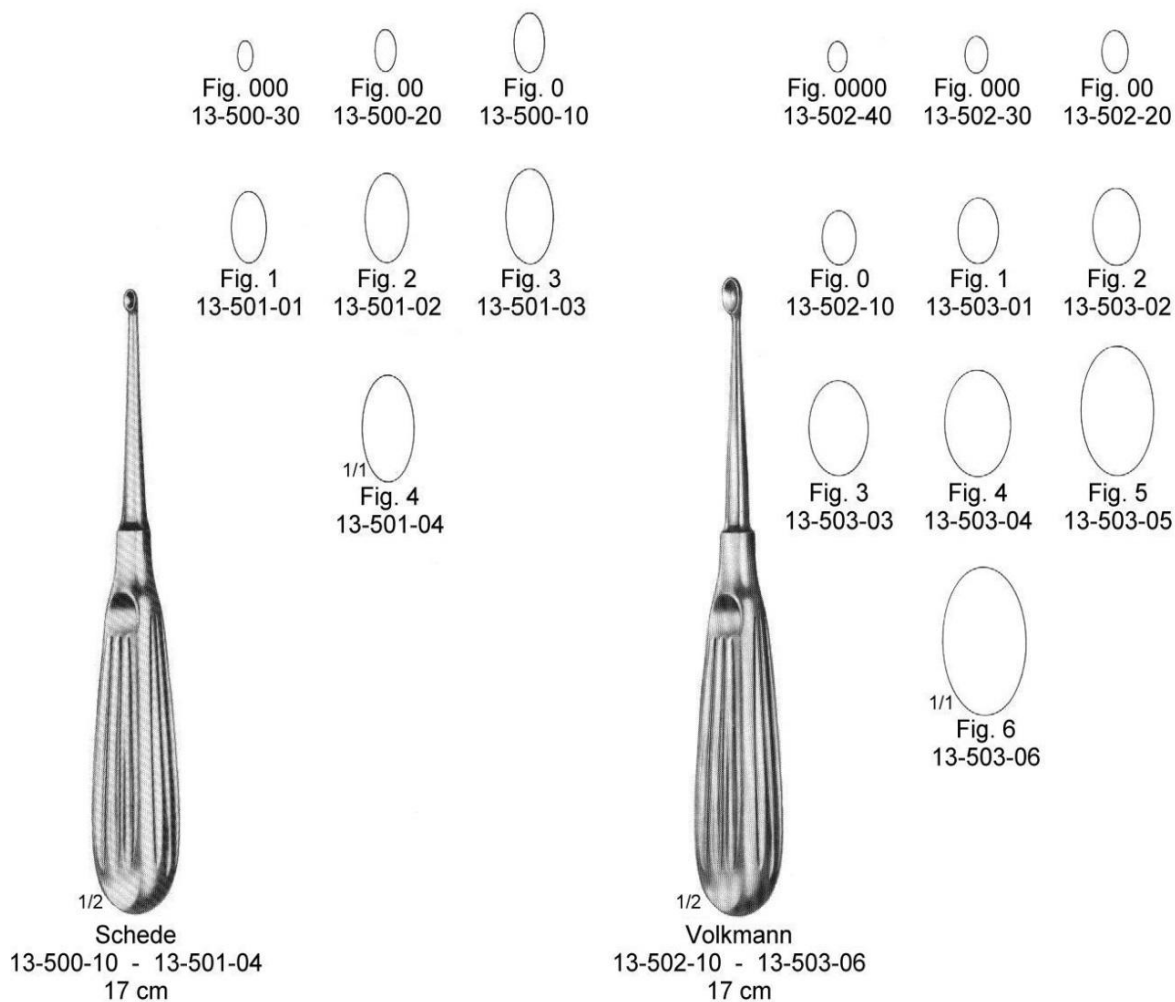


Bone Surgery - Knochenchirurgie - Cirugía ósea
 Bone Cures - Bone Cures
 Scharfe Löffel
 Cucharillas cortantes

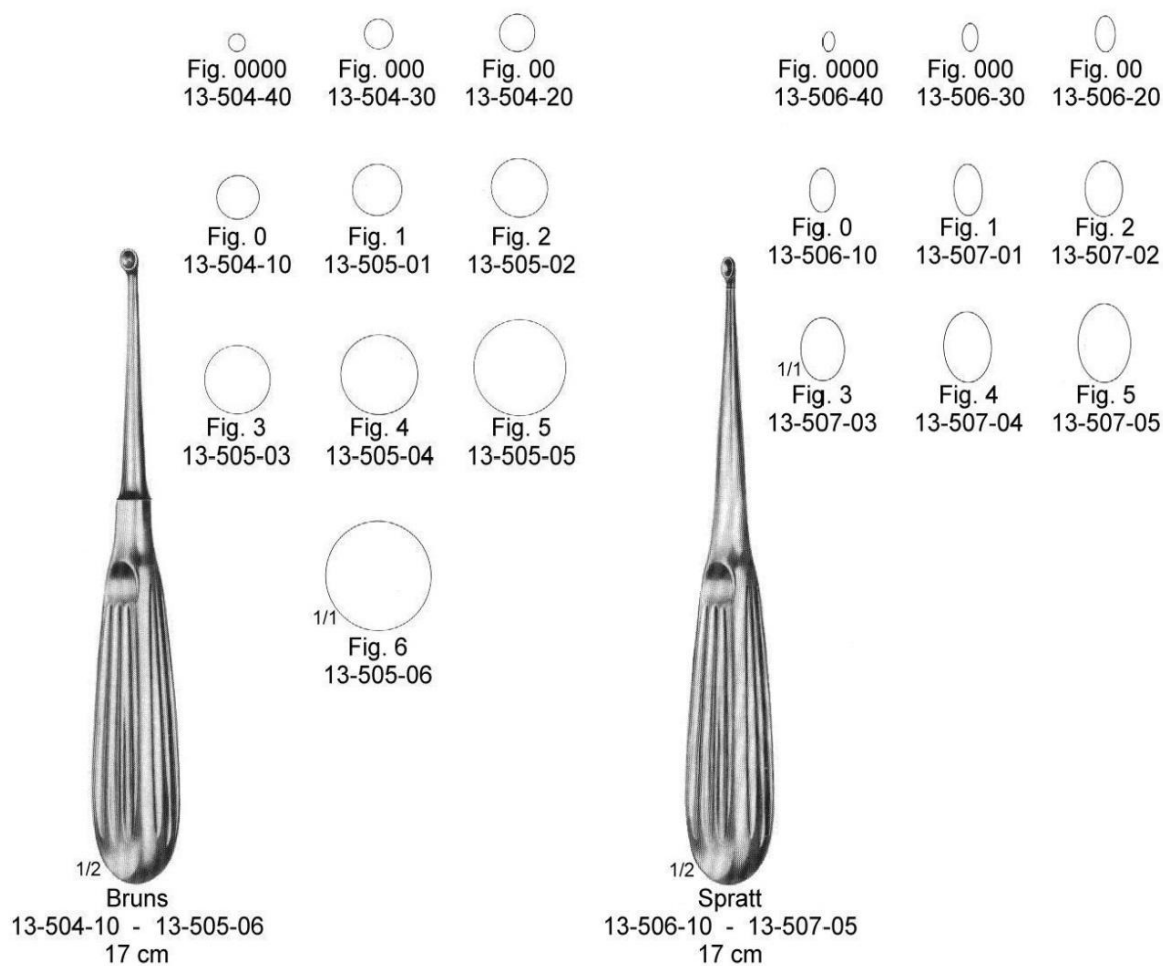
Handle from artificial wood



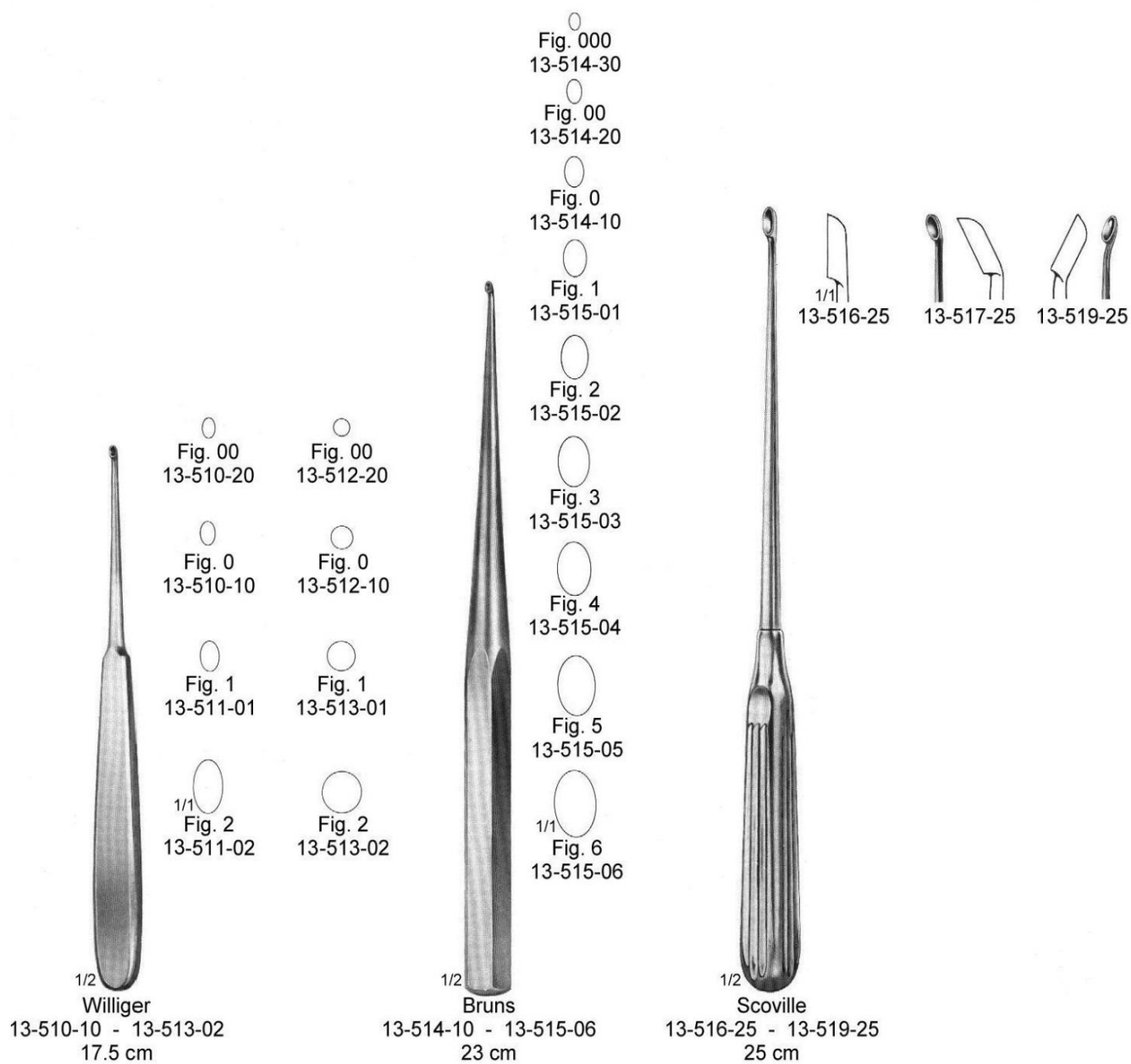
Bone Surgery - Knochenchirurgie - Cirugía ósea
Bone Currettes
Scharfe Löffel
Cucharillas cortantes



Bone Surgery - Knochenchirurgie - Cirugía ósea
 Bone Currettes
 Scharfe Löffel
 Cucharillas cortantes



Bone Surgery - Knochenchirurgie - Cirugía ósea
Bone Currettes
Scharfe Löffel
Cucharillas cortantes



Bone Surgery - Knochenchirurgie - Cirugía ósea
 Bone Cures
 Scharfe Löffel
 Cucharillas cortantes

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. 5
13-524-05

Fig. 0
13-525-00

Fig. 5
13-525-05

Fig. 1
13-524-01

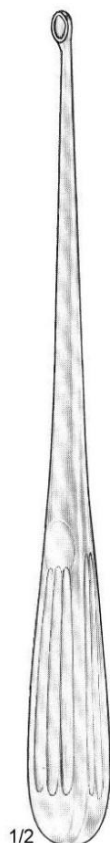
Fig. 6
13-524-06

Fig. 1
13-525-01

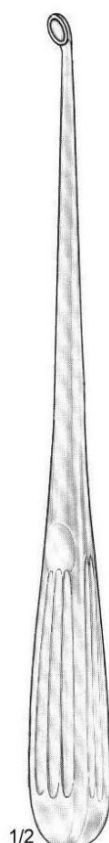
Fig. 6
13-525-06

Fig. 2
13-524-02

Fig. 2
13-525-02



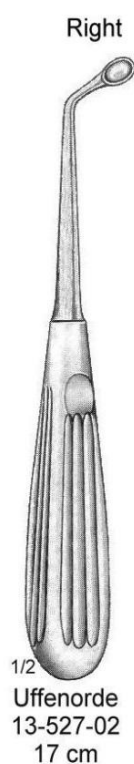
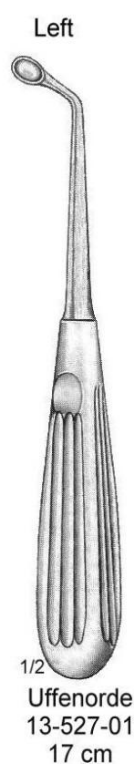
Cloward Hibbs Spratt Spinal Fusion
 13-520-00 - 13-524-06
 22.5 cm



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

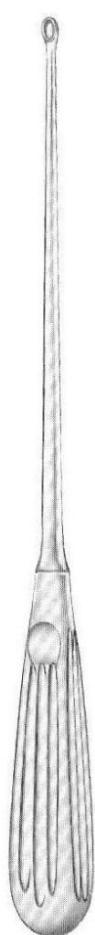


Bone Surgery - Knochenchirurgie - Cirugía ósea
 Bone Currettes
 Scharfe Löffel
 Cucharillas cortantes





Bone Surgery - Knochenchirurgie - Cirugía ósea
 Bone Currettes
 Scharfe Löffel
 Cucharillas cortantes



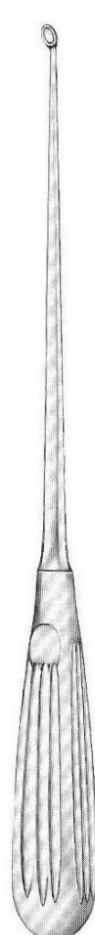
3.6 mm
 13-530-00

4.4 mm
 13-530-01

5.2 mm
 13-530-02

6.0 mm
 13-530-03

13-530-00 - 13-530-03
 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

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



Bone Surgery - Knochenchirurgie - Cirugía ósea
 Bone Currettes
 Scharfe Löffel
 Cucharillas cortantes

		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		13-536-04 6.0 x 9.0 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		

Bone Surgery - Knochenchirurgie - Cirugía ósea
 Bone Currettes
 Scharfe Löffel
 Cucharillas cortantes



1/2

Simon

13-540-01 - 13-540-06
 24 cm

- Fig. 1
13-540-01
- Fig. 2
13-540-02
- Fig. 3
13-540-03
- Fig. 4
13-540-04
- Fig. 5
13-540-05
- 1/1
Fig. 6
13-540-06



1/2

Mod. USA

13-542-01 - 13-545-06
 16 cm

- | | | | |
|---|----------------------------|---------------------|---------------------|
|  | Fig. 1
13-542-01 | Fig. 2
13-542-02 | Fig. 3
13-542-03 |
| | Fig. 4
13-542-04 | Fig. 5
13-542-05 | Fig. 6
13-542-06 |
|  | Fig. 1
13-543-01 | Fig. 2
13-543-02 | Fig. 3
13-543-03 |
| | Fig. 4
13-543-04 | Fig. 5
13-543-05 | Fig. 6
13-543-06 |
|  | Fig. 1
13-545-01 | Fig. 2
13-545-02 | Fig. 3
13-545-03 |
| | 1/1
Fig. 4
13-545-04 | Fig. 5
13-545-05 | Fig. 6
13-545-06 |

flexible



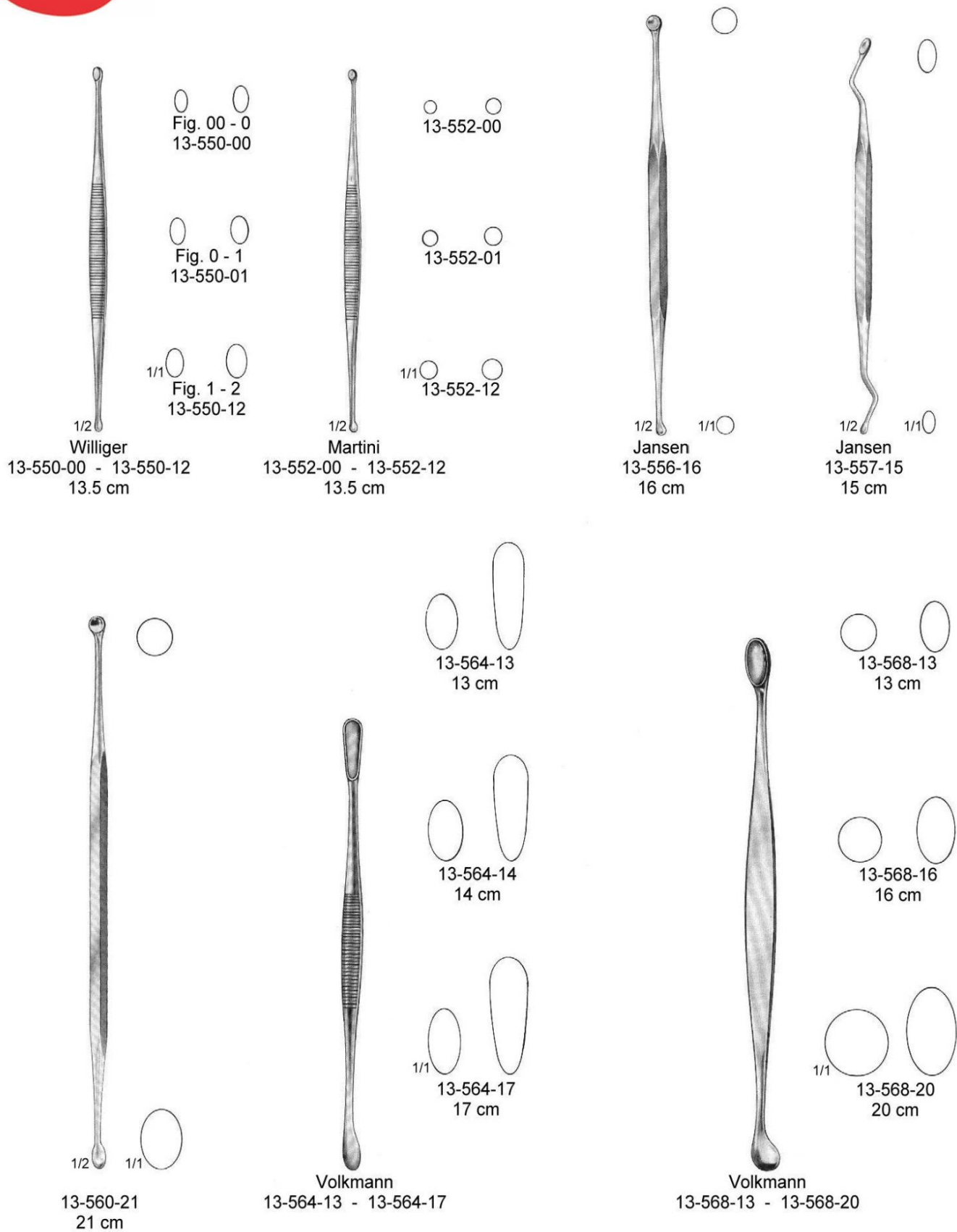
1/2

Halle

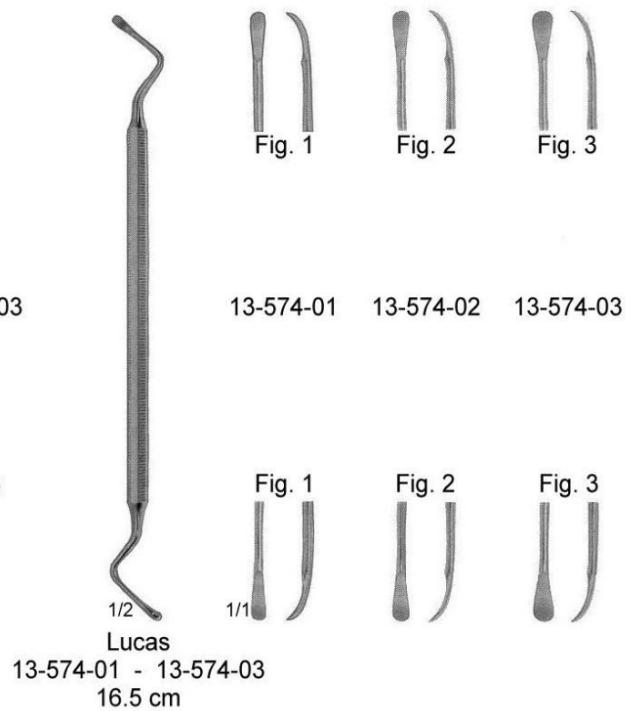
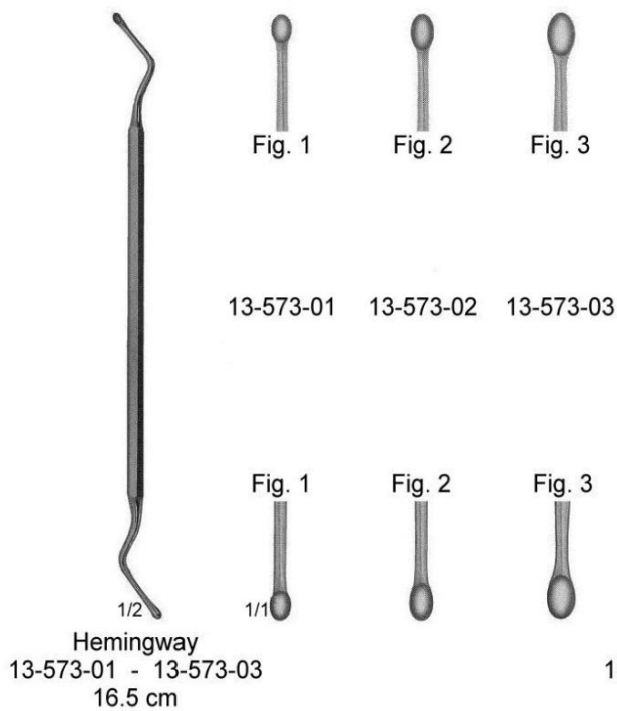
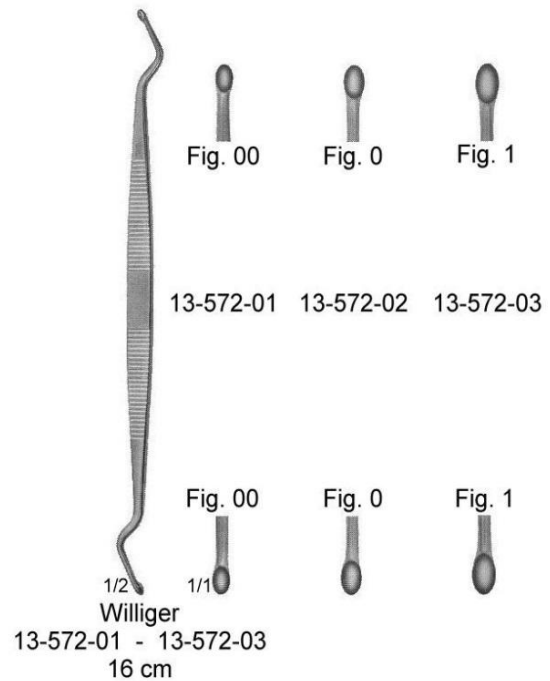
13-548-01 - 13-548-03
 21 cm

- Fig. 1
13-548-01
- Fig. 2
13-548-02
- 1/1
Fig. 3
13-548-03

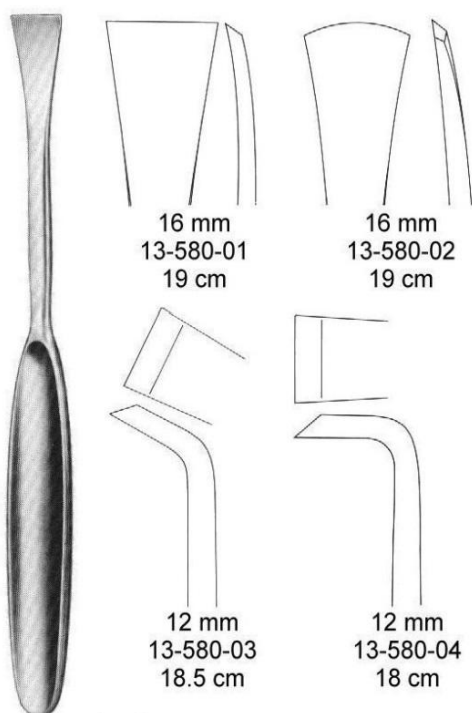
Bone Surgery - Knochenchirurgie - Cirugía ósea
Bone Curettes
Scharfe Löffel
Cucharillas cortantes



Bone Surgery - Knochenchirurgie - Cirugía ósea
Bone Currettes
Scharfe Löffel
Cucharillas cortantes



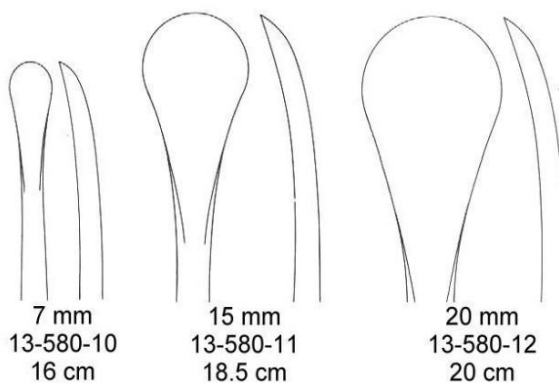
Bone Surgery - Knochenchirurgie - Cirugía ósea
 Periosteal Raspatories
 Raspatorien
 Legras-Periostótomos



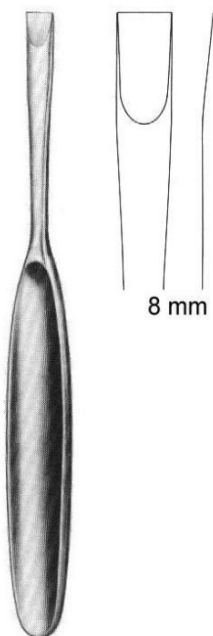
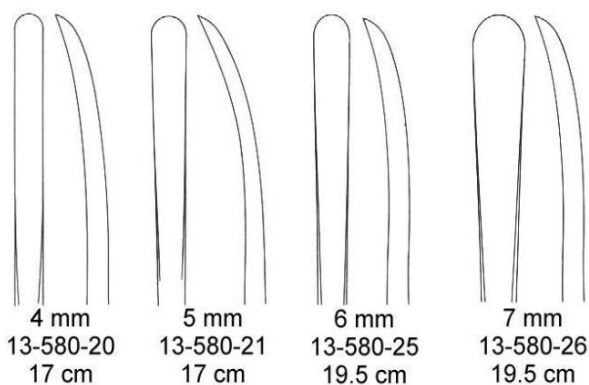
Martin - Langenbeck
 13-580-01 - 13-580-04



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

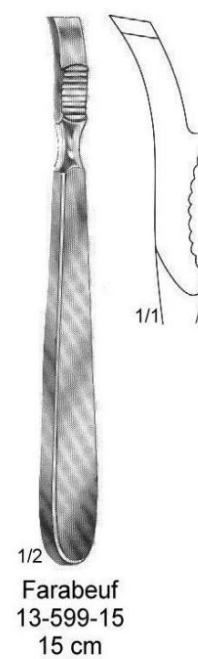
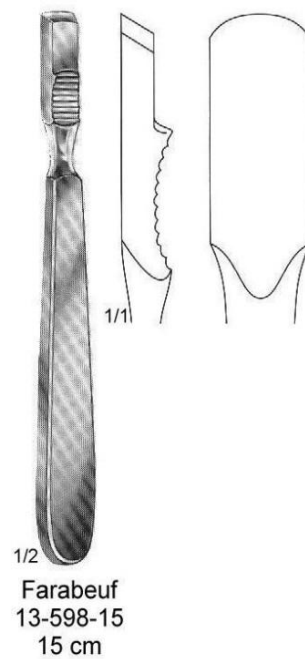
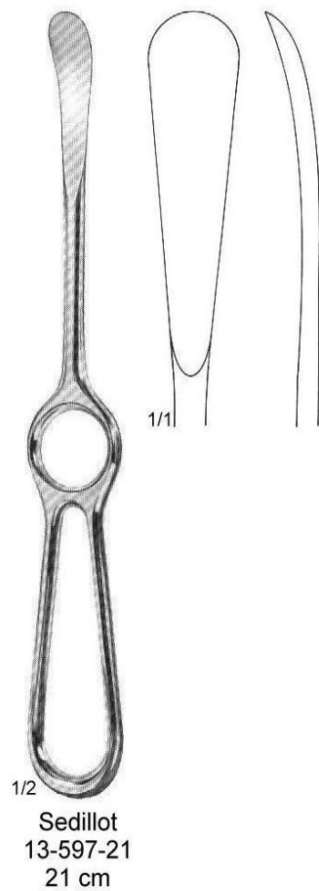
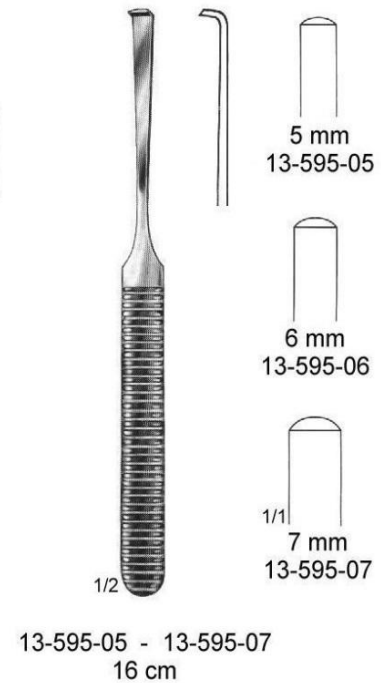
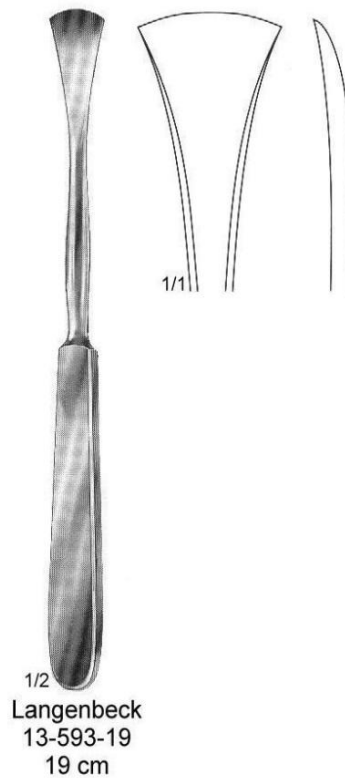
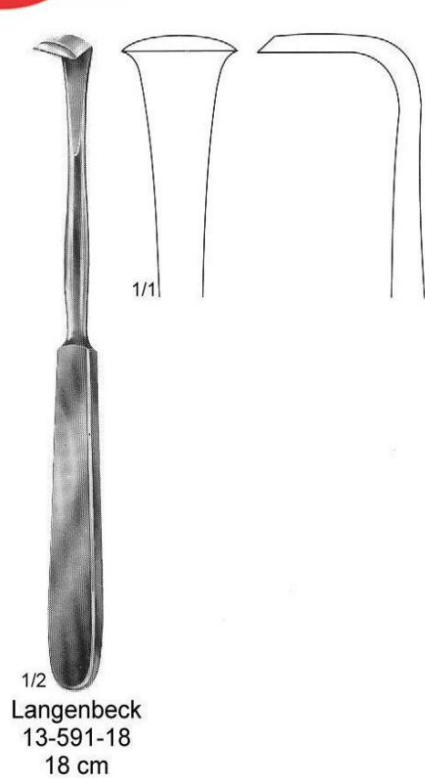


Martin - Cushing
 13-580-20 - 13-580-26

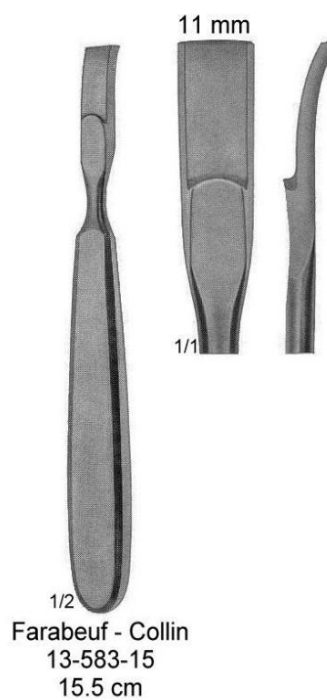
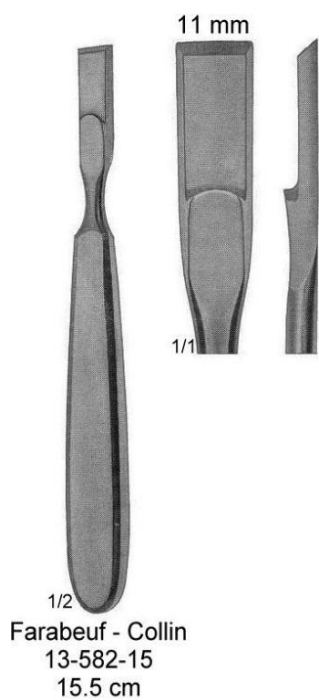
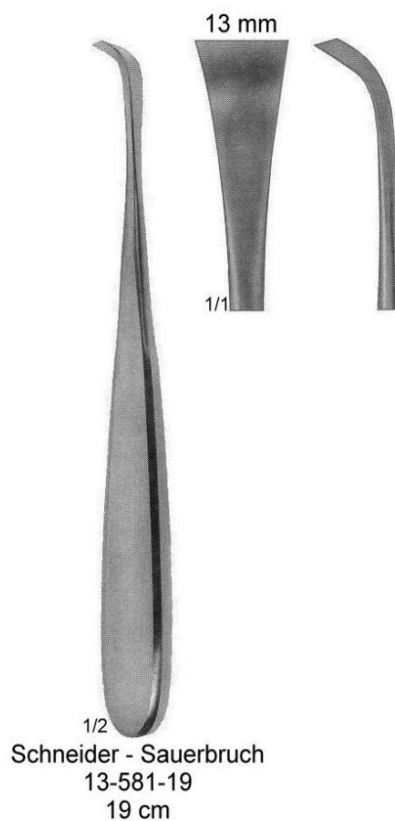
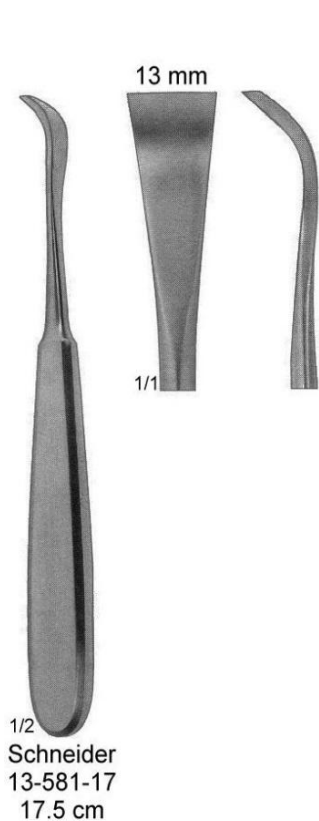


Martin - Cushing
 13-580-30
 17 cm

Bone Surgery - Knochenchirurgie - Cirugía ósea
Periosteal Raspatories
Raspatorien
Legras-Periostótomos



Bone Surgery - Knochenchirurgie - Cirugía ósea
 Periosteal Raspatories
 Raspatorien
 Legras-Periostótomos



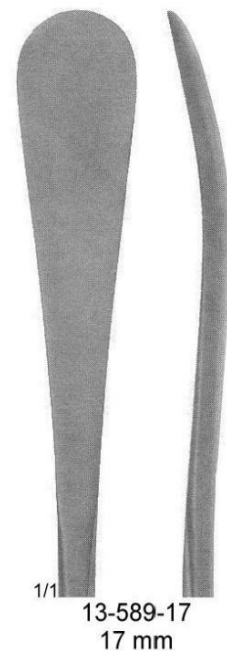
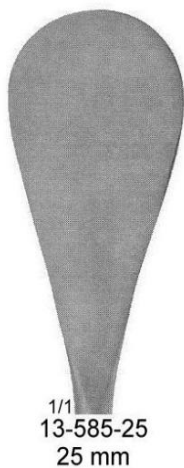
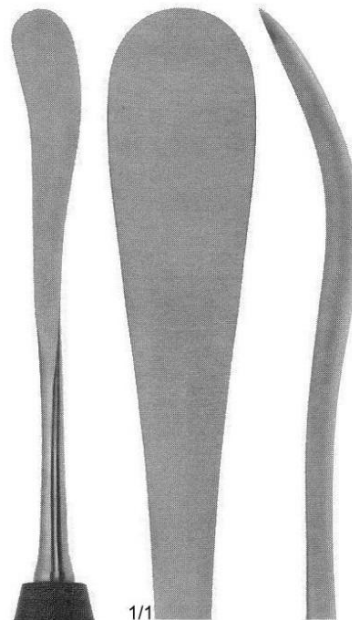
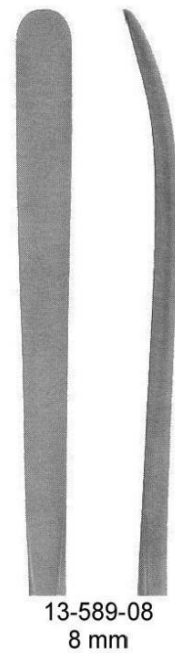
Bone Surgery - Knochenchirurgie - Cirugía ósea
Periosteal Raspatories
Raspatorien
Legras-Periostótomos



Handle from artificial wood

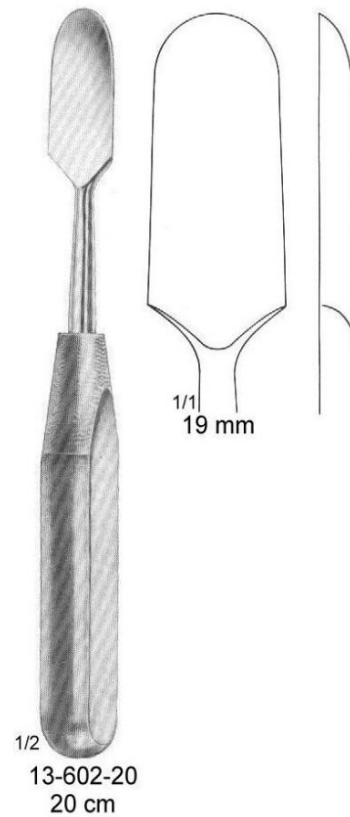
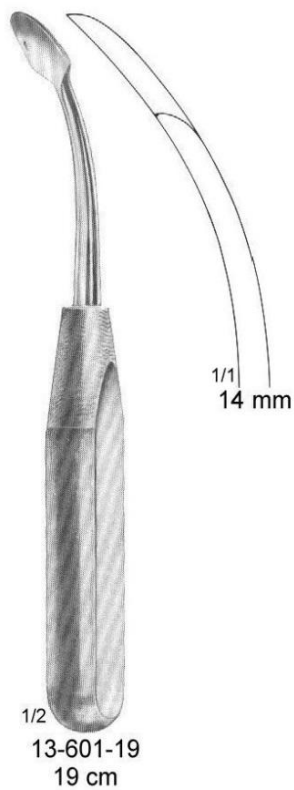


21 mm

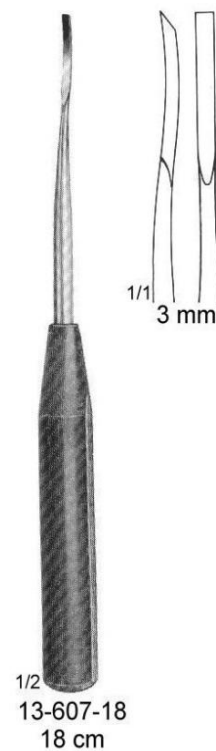
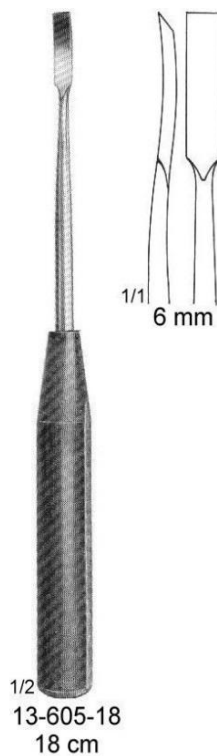
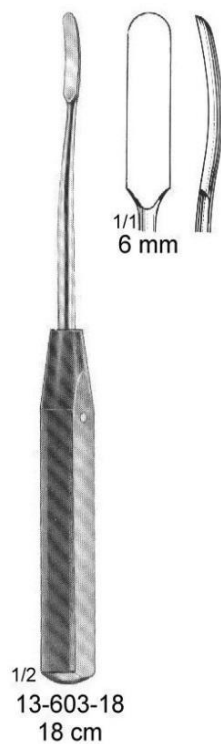


1/2
Cobb
13-585-10 - 13-585-25
25 cm

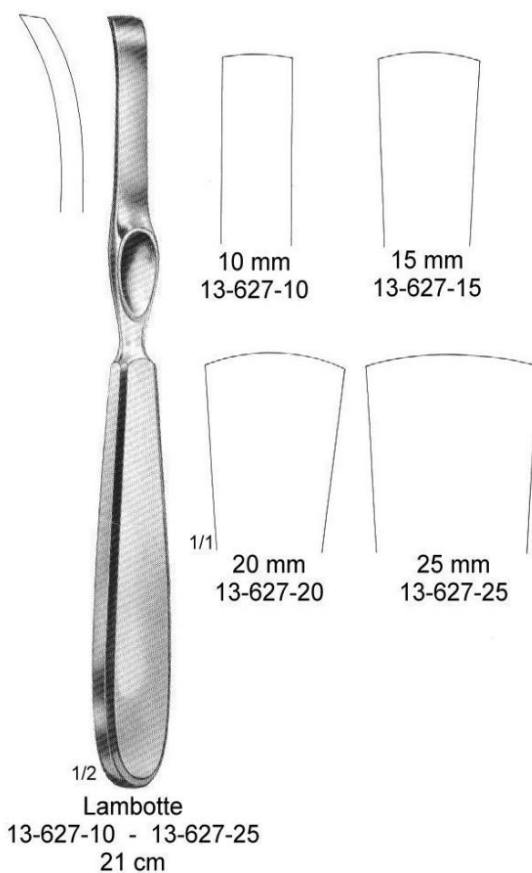
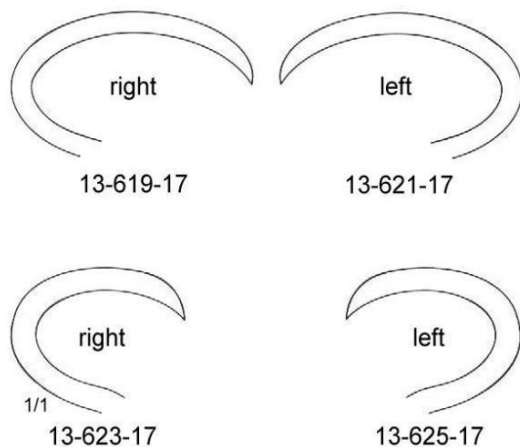
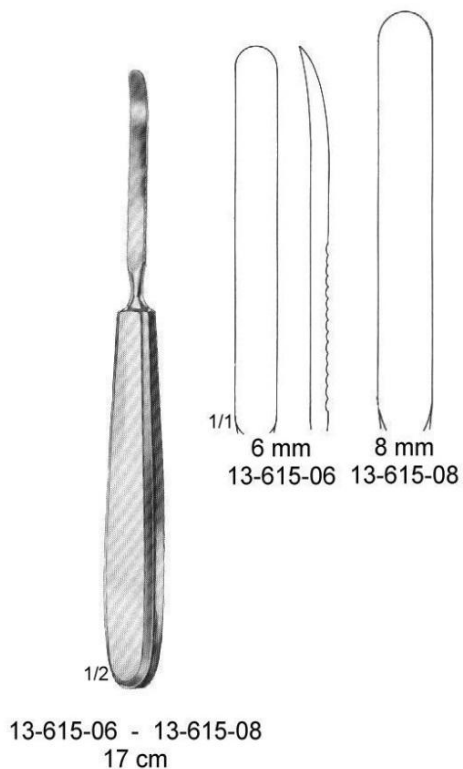
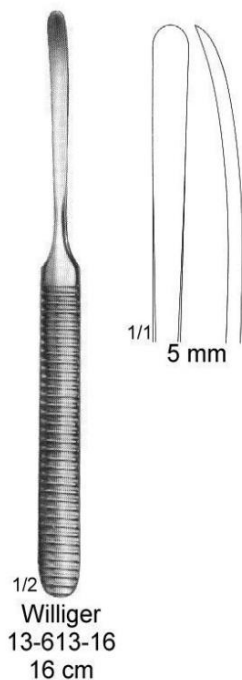
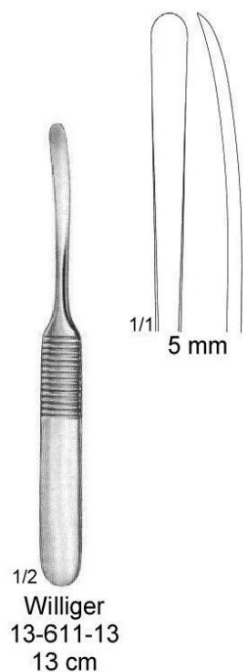
Bone Surgery - Knochenchirurgie - Cirugía ósea
 Periosteal Raspatories
 Raspatorien
 Legras-Periostótomos



Handle from artifical wood

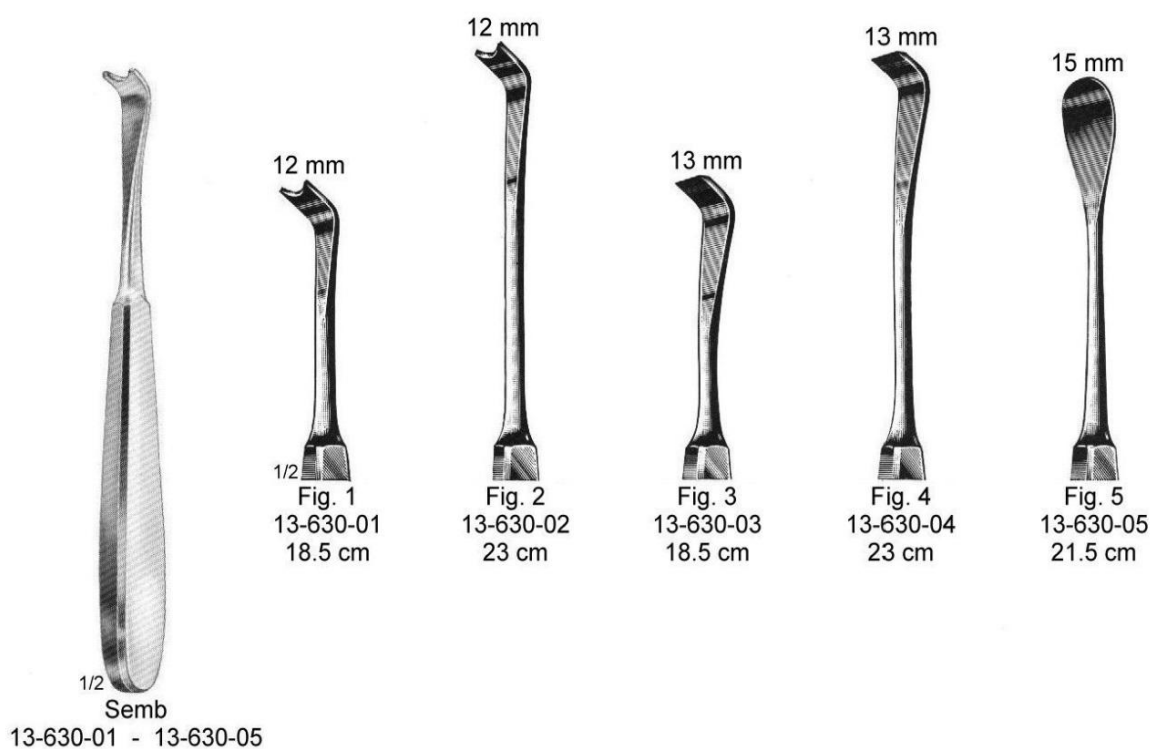


Bone Surgery - Knochenchirurgie - Cirugía ósea
 Periosteal Raspatories
 Raspatorien
 Legras-Periostótomos



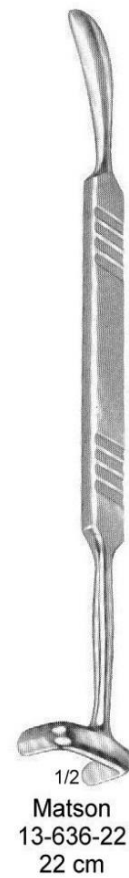
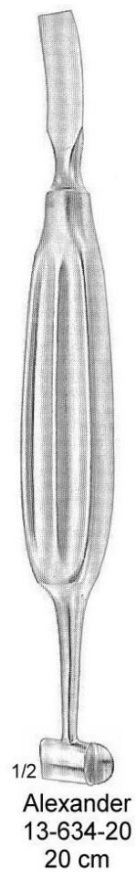
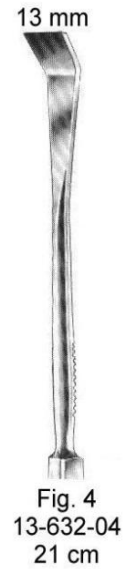
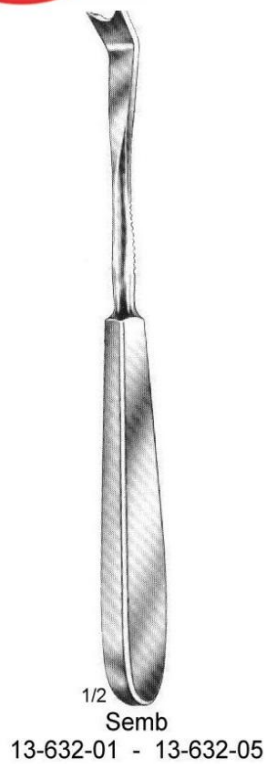


Bone Surgery - Knochenchirurgie - Cirugía ósea
 Periosteal Raspatories
 Raspatorien
 Legras-Periostótomos



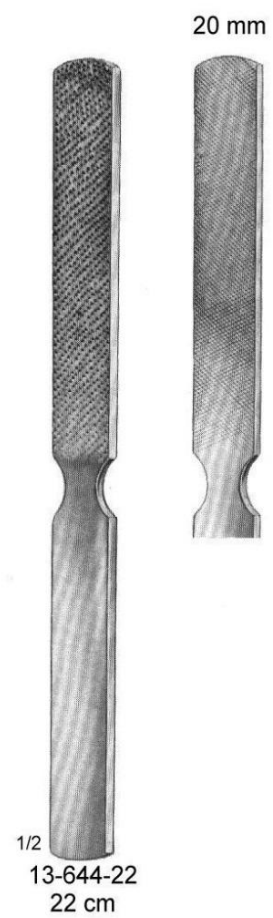
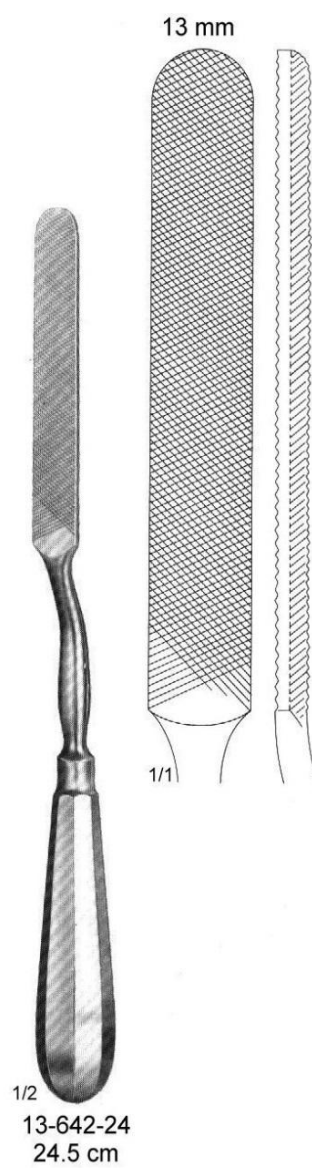
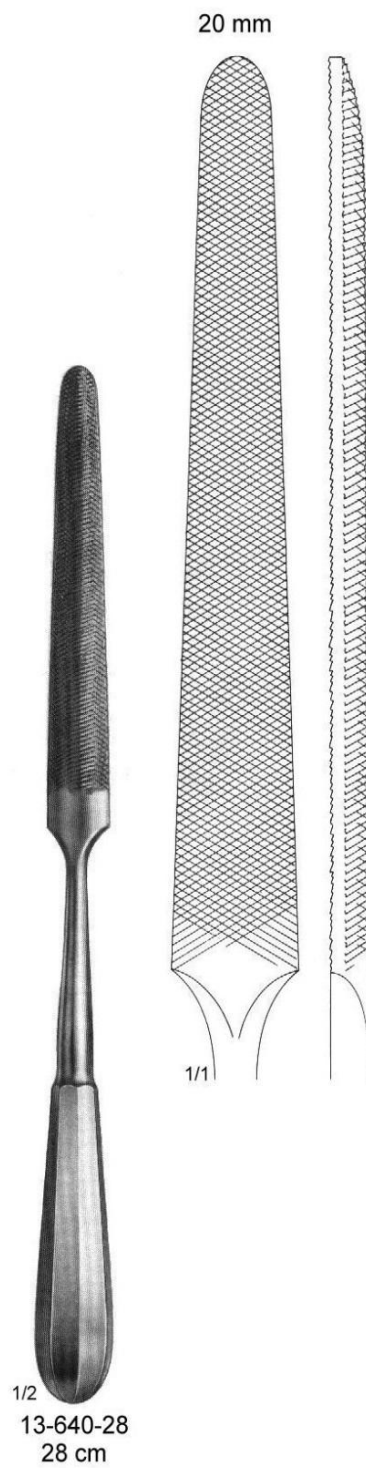


Bone Surgery - Knochenchirurgie - Cirugía ósea
 Periosteal Raspatories
 Raspatorien
 Legras-Periostótomos



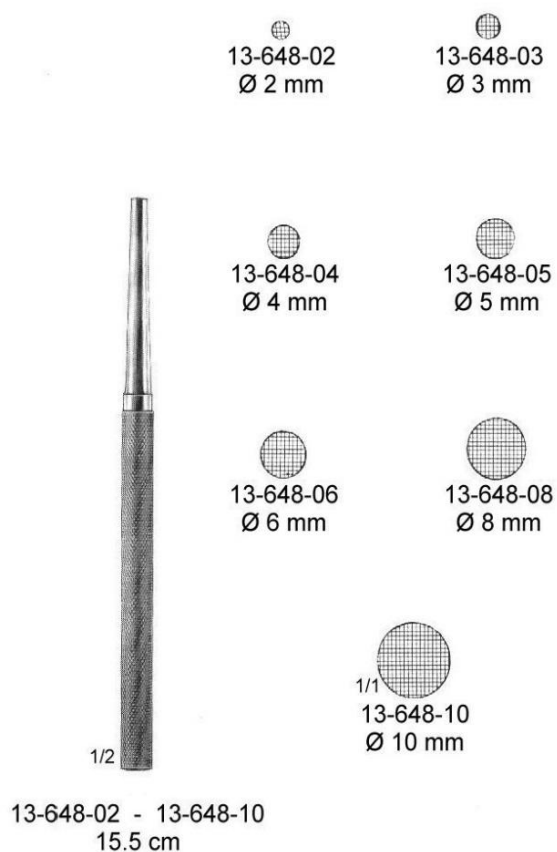


Bone Surgery - Knochenchirurgie - Cirugía ósea
 Bone Files
 Knochenfeile
 Lima para huesos

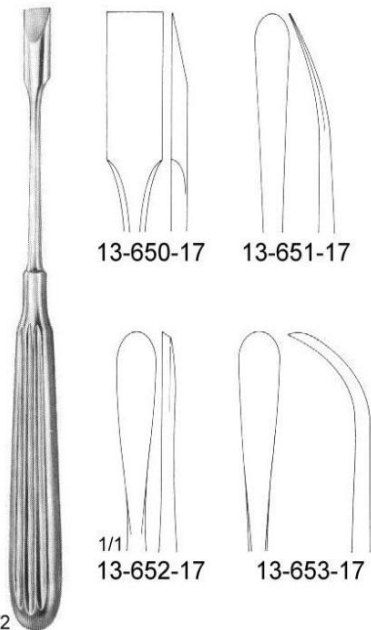




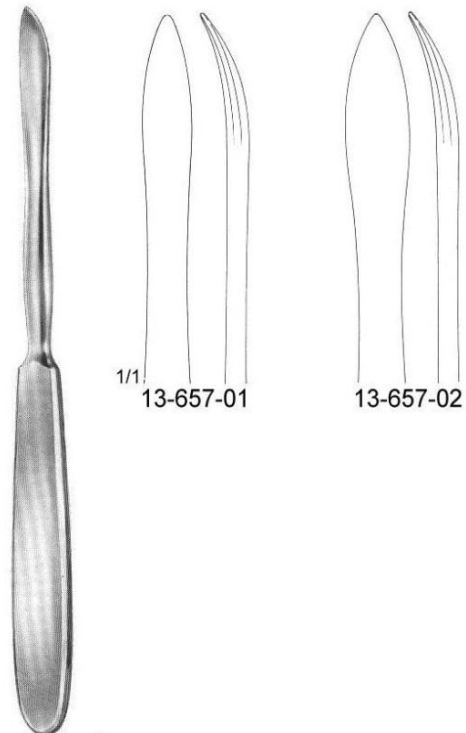
Bone Surgery - Knochenchirurgie - Cirugía ósea
 Rasps, Tampers
 Raspeln, Stössel
 Escofinas, Punzón



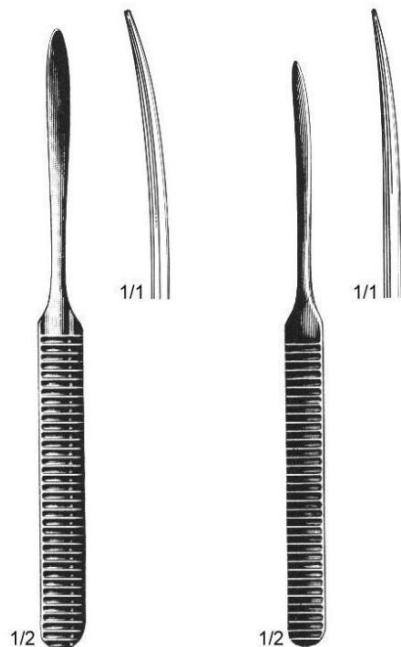
Bone Surgery - Knochenchirurgie - Cirugía ósea
Elevators
Elevatorien
Elevadores



1/2
Adson
13-650-17 - 13-653-17
17 cm

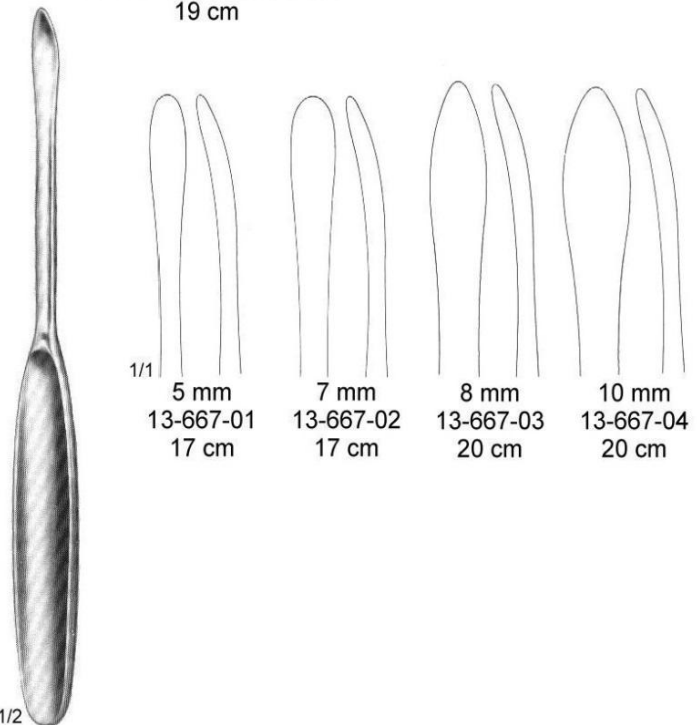


Langenbeck
13-657-01 - 13-657-02
19 cm



1/2
Williger
13-661-17
17 cm

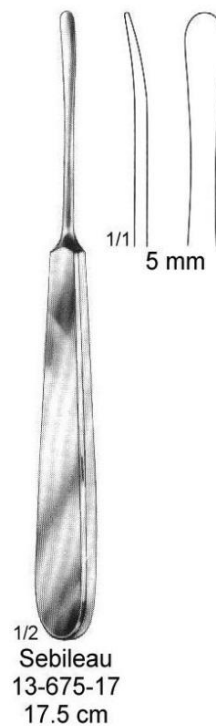
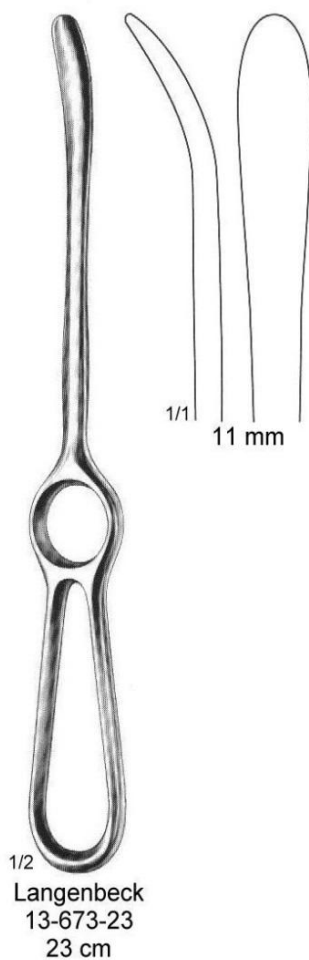
1/2
Williger
13-663-16
16 cm



1/2
Martin-Langenbeck
13-667-01 - 13-667-04

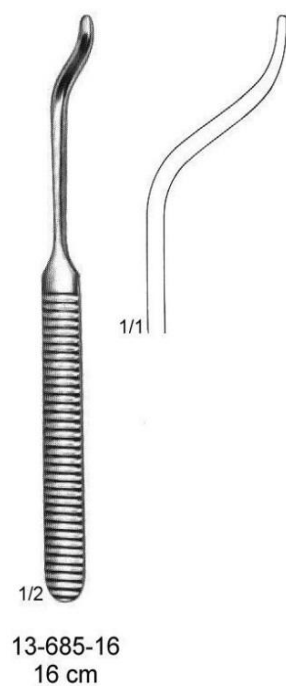
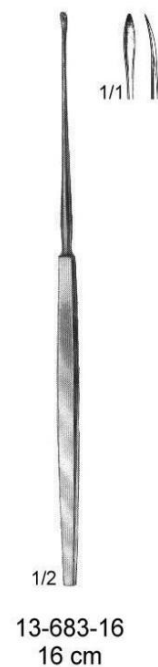
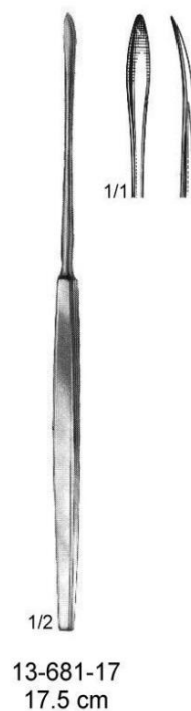
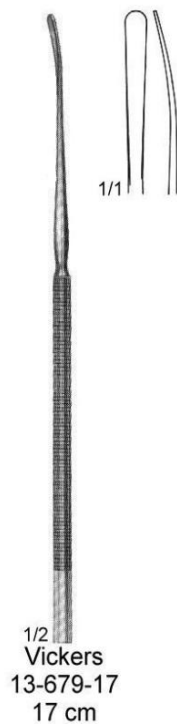
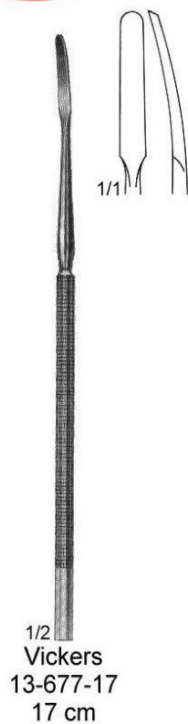


Bone Surgery - Knochenchirurgie - Cirugía ósea
Elevators
Elevatoren
Elevadores

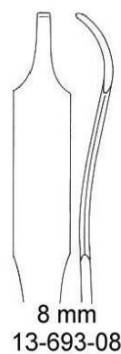
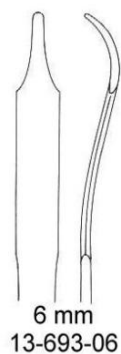
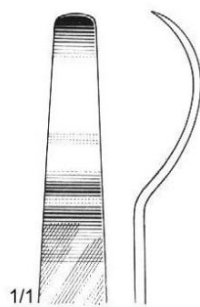
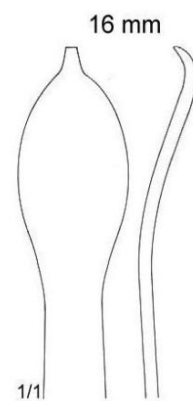
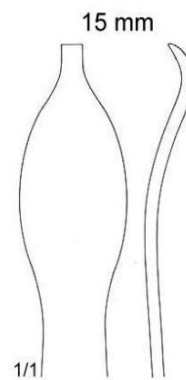
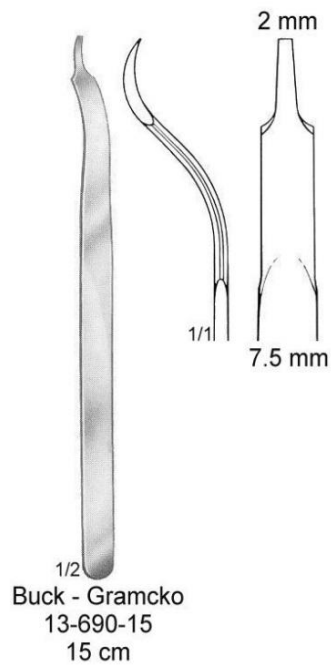
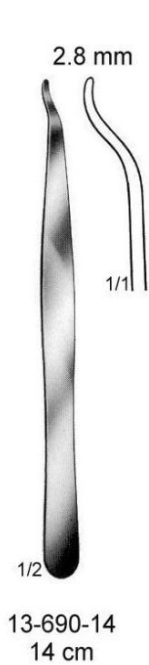




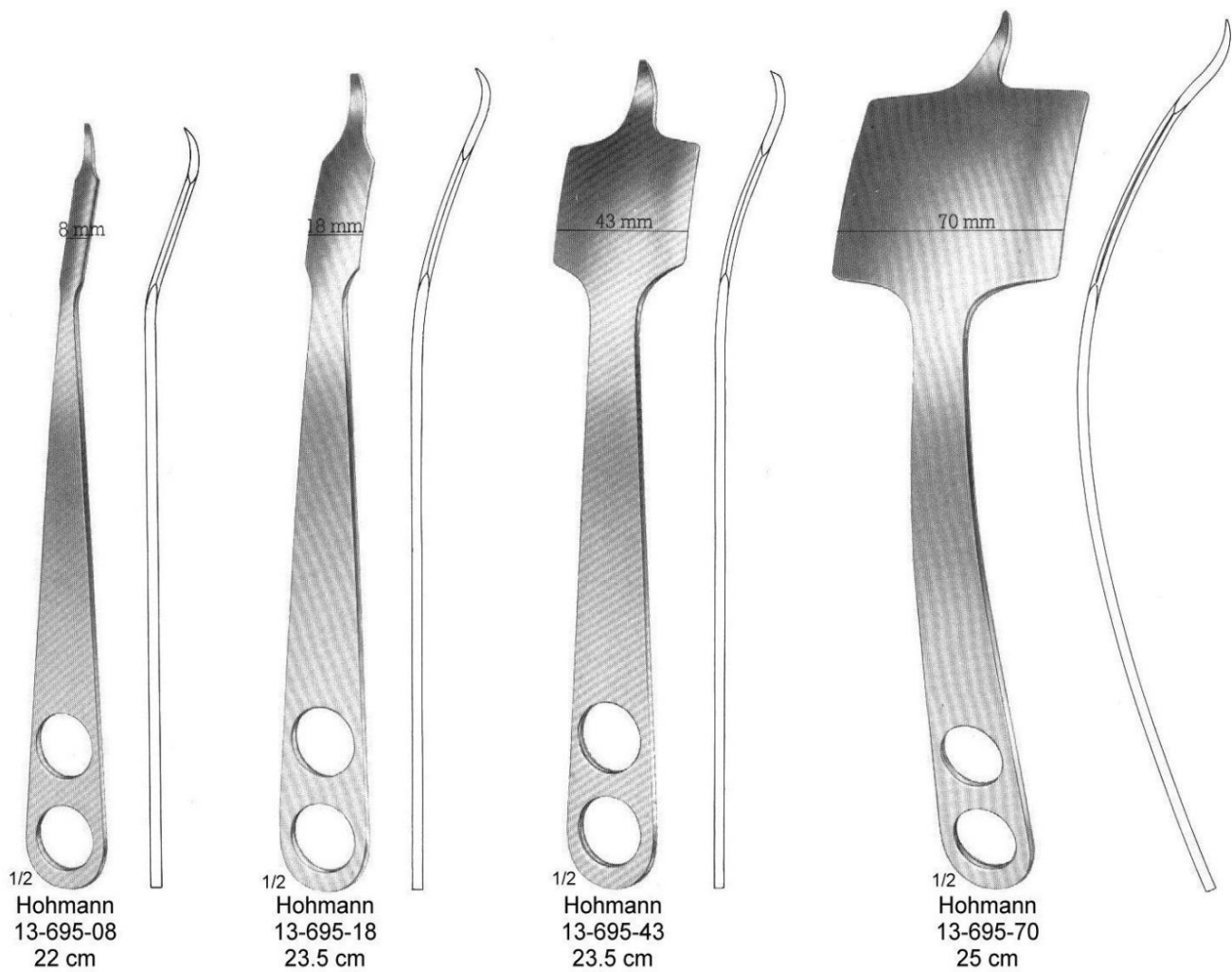
Bone Surgery - Knochenchirurgie - Cirugía ósea
Elevators
Elevatoren
Elevadores



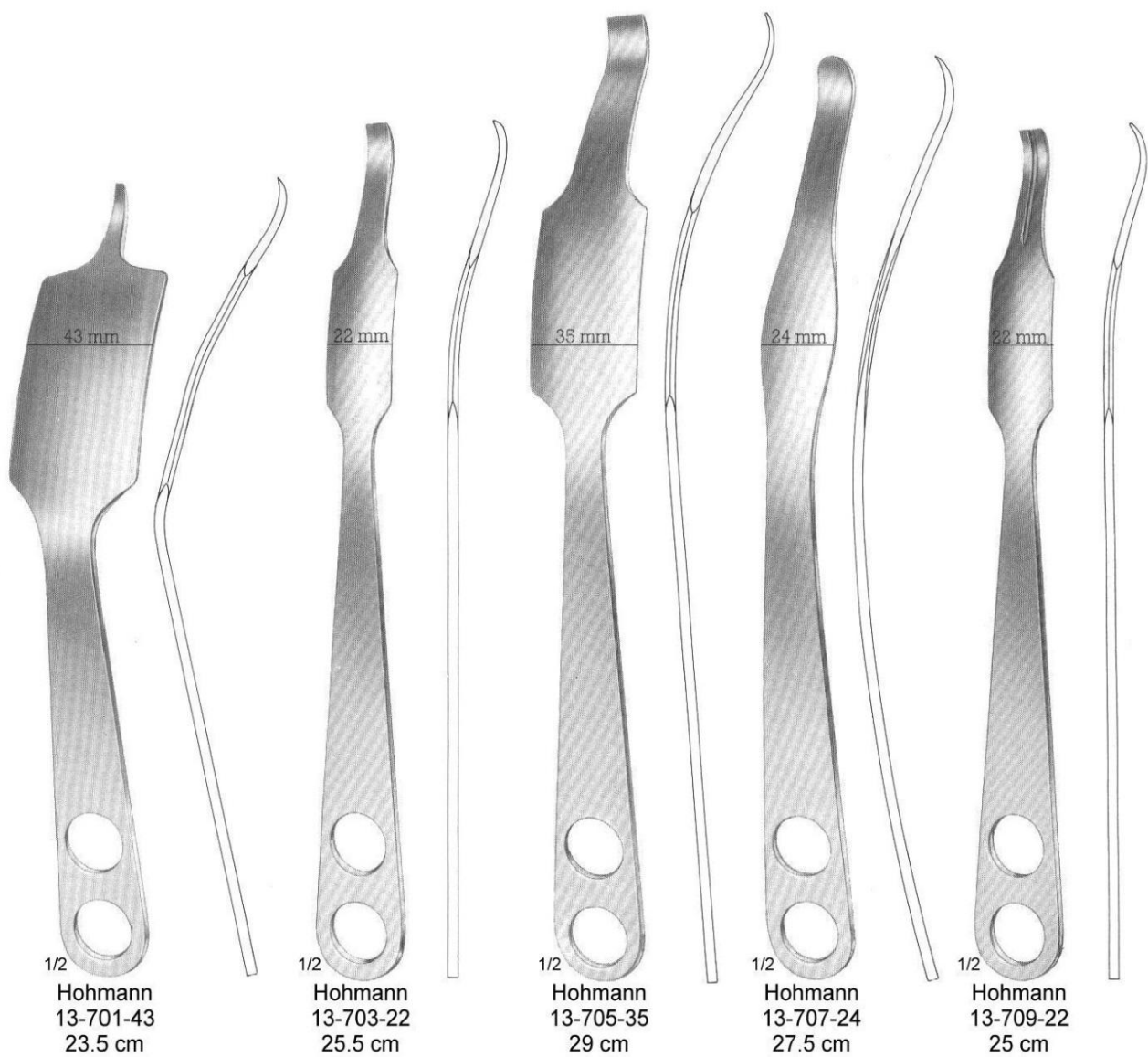
Bone Surgery - Knochenchirurgie - Cirugía ósea
Bone Levers
Knochenhebel
Elevadores para huesos



Bone Surgery - Knochenchirurgie - Cirugía ósea
Bone Levers
Knochenhebel
Elevadores para huesos



Bone Surgery - Knochenchirurgie - Cirugía ósea
Bone Levers
Knochenhebel
Elevadores para huesos

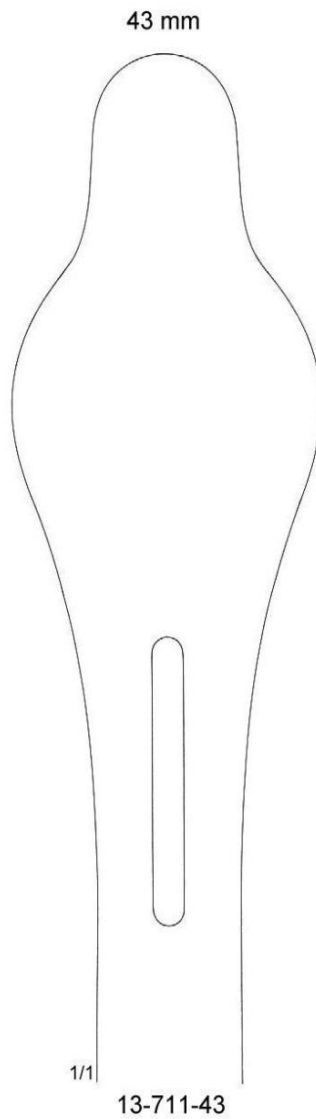




Bone Surgery - Knochenchirurgie - Cirugía ósea
Bone Levers
Knochenhebel
Elevadores para huesos

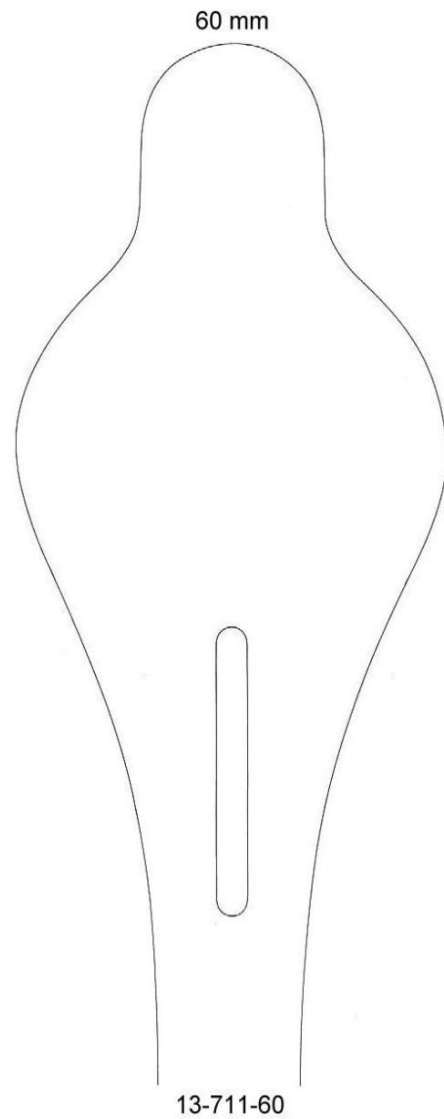


Bennett
13-711-43 - 13-711-60
24 cm



43 mm

13-711-43



60 mm

13-711-60

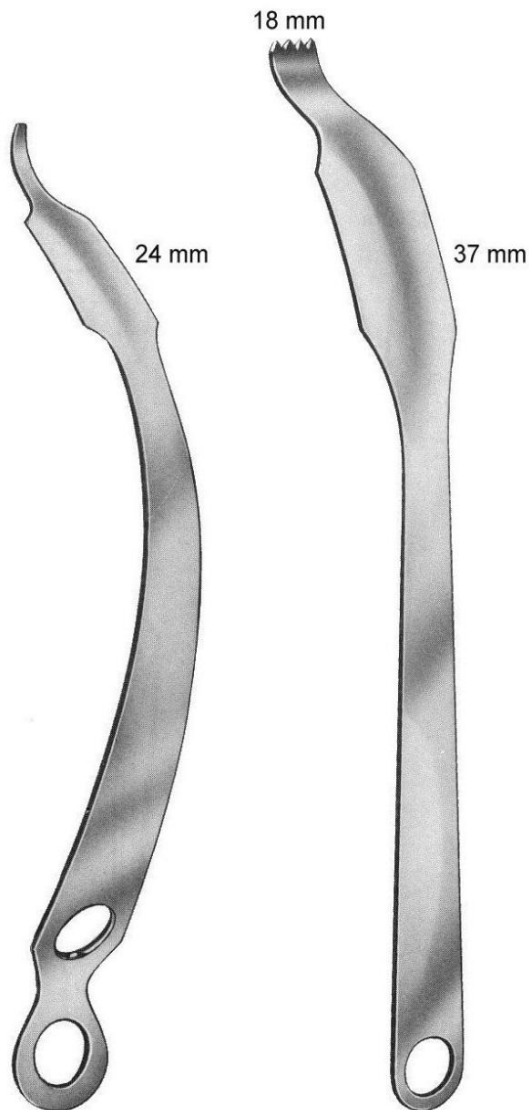


Bone Surgery - Knochenchirurgie - Cirugía ósea
 Bone Levers
 Knochenhebel
 Elevadores para huesos

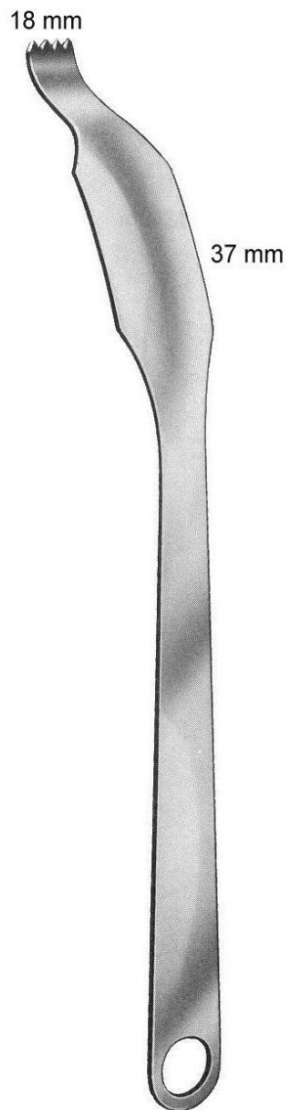
13-712-01 13-712-02
 26.5 cm 29 cm
 30 mm 33 mm



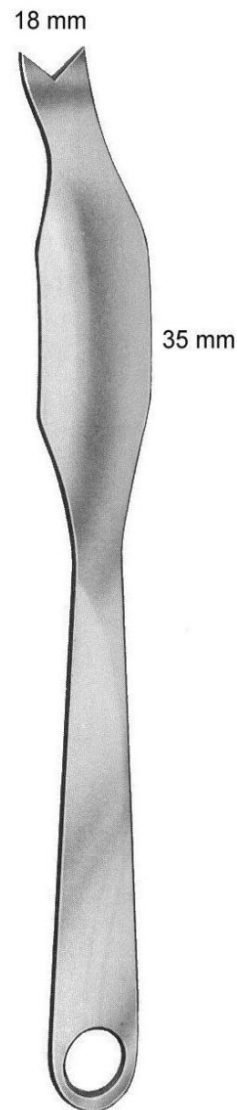
Lange - Hohmann Modif
 13-712-01 - 13-712-02



Hohmann - Aldinger
 13-712-03
 27 cm



Schumacher
 13-712-04
 34.5 cm
 (Wagner)



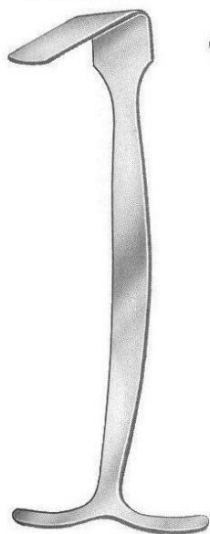
Schumacher
 13-712-05
 29 cm

Bone Surgery - Knochenchirurgie - Cirugía ósea
Bone Levers
Knochenhebel
Elevadores para huesos

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

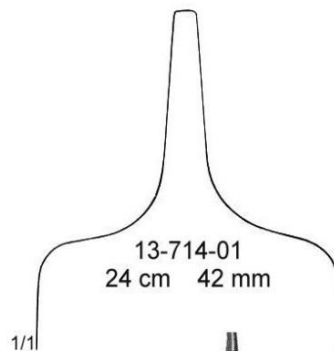
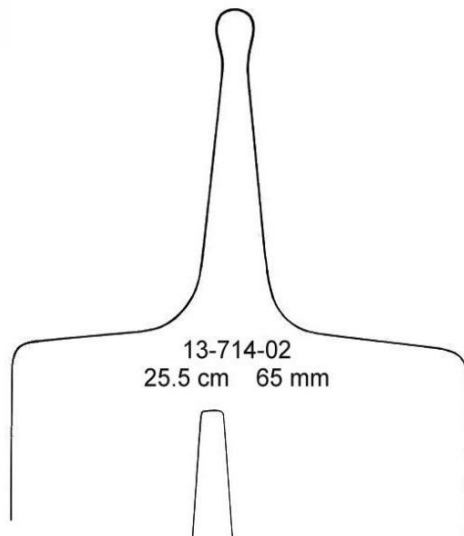
13-713-10
23 cm 25 mm

13-713-11
25 cm 30 mm



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

Bone Surgery - Knochenchirurgie - Cirugía ósea
Bone Levers
Knochenhebel
Elevadores para huesos



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

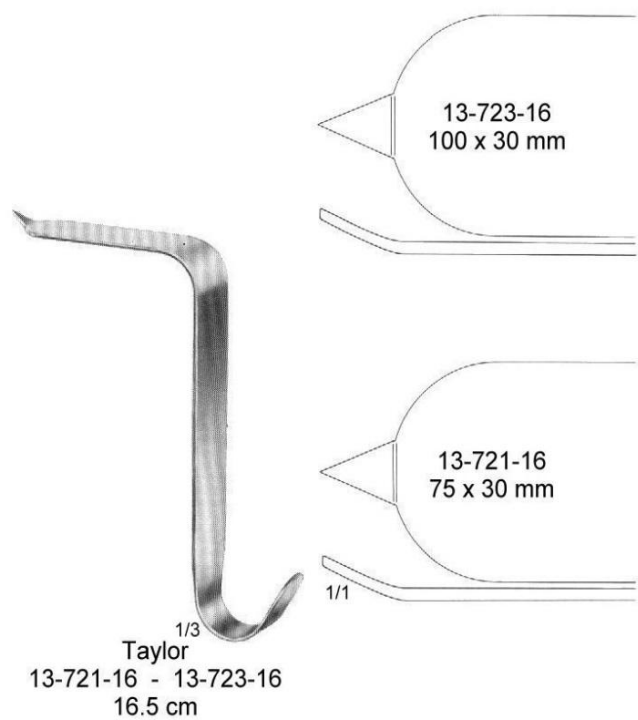
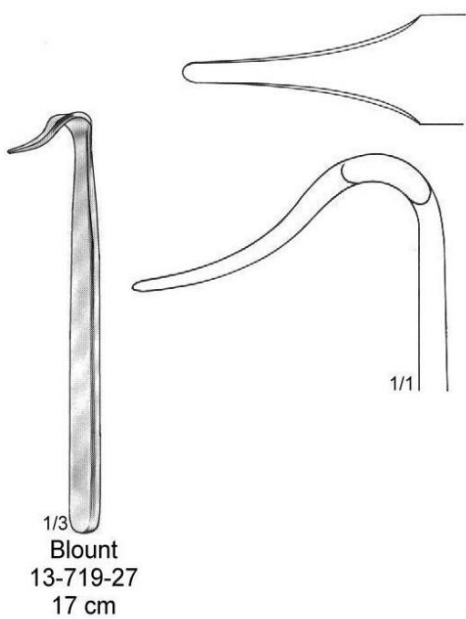


Lane Trethowan
13-714-03
21.5 cm



Lane
13-714-04
25.5 cm

Bone Surgery - Knochenchirurgie - Cirugía ósea
Bone Levers
Knochenhebel
Elevadores para huesos



Bone Surgery - Knochenchirurgie - Cirugía ósea
Meniscotomy Knives
Meniskotome
Bisturíes para meniscos



1/2
Bircher

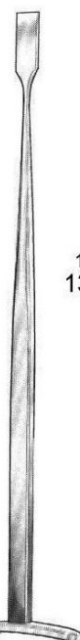
13-725-19 - 13-727-19
19 cm



1/1
13-725-19



13-727-19



1/2
Smillie

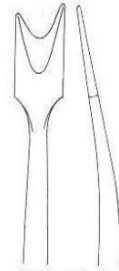
13-730-17 - 13-733-17
17 cm



1/1
13-730-17



13-731-17

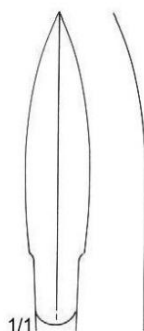


13-733-17



1/2

13-735-18
18 cm



1/1



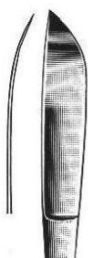
1/2

Neff
13-737-22 - 13 739-22
22 cm



1/1
13-737-22

Left



13-739-22

Right



1/2

Salenius
13-740-22
22 cm

Right

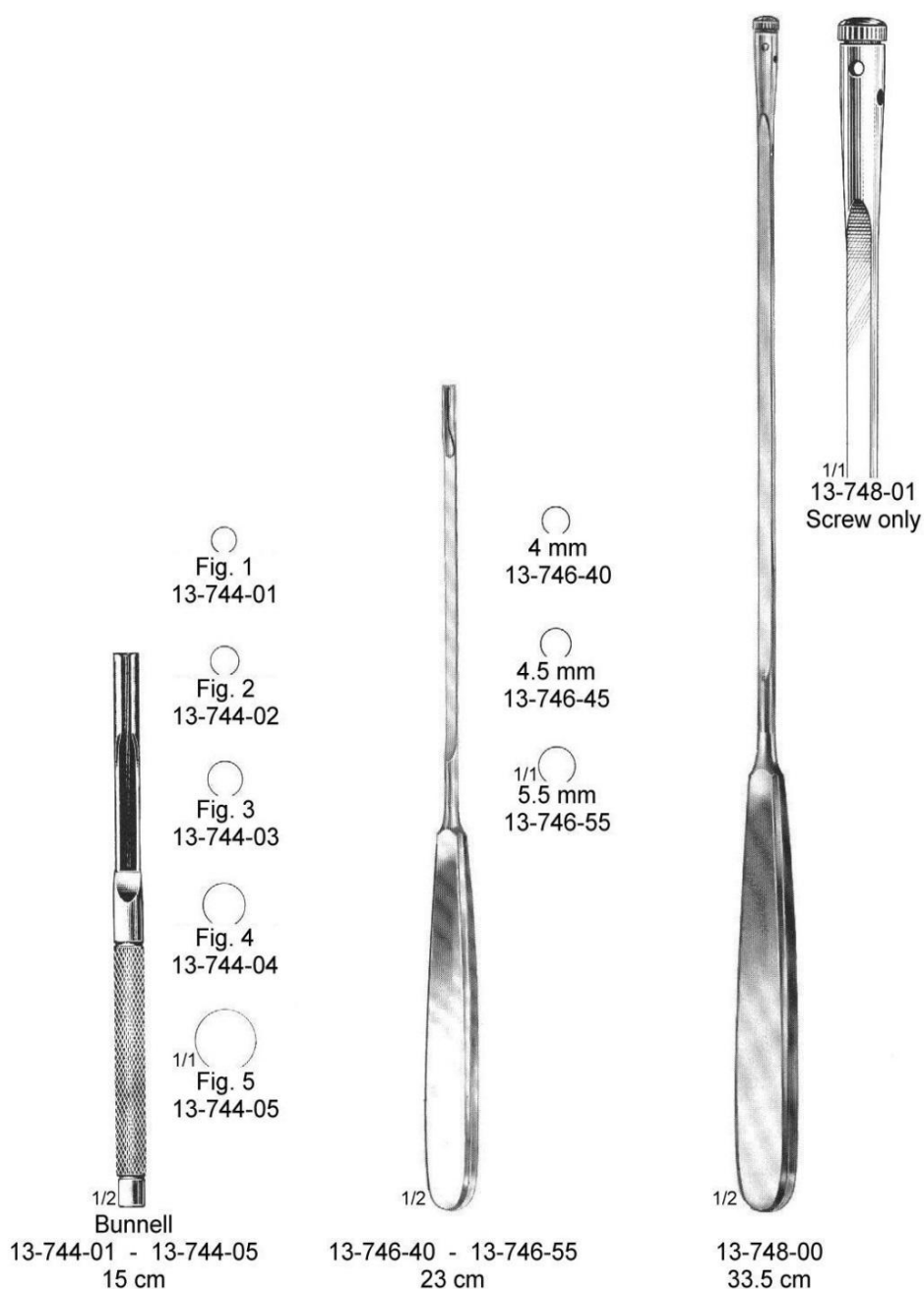


1/2

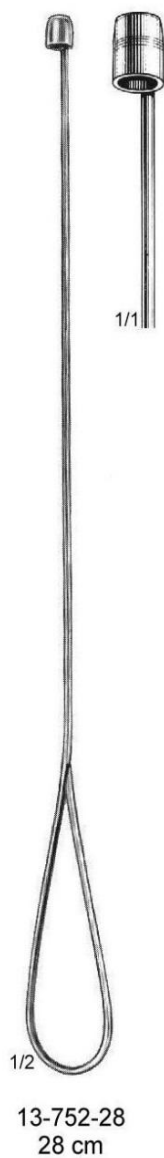
Salenius
13-741-22
22 cm

Left

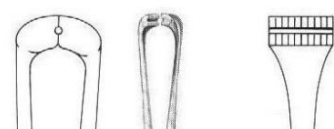
Bone Surgery - Knochenchirurgie - Cirugía ósea
Tendon Stripper, Tendon Tunnel Instruments
Sehnenstripper, Durchzuginstrumente
Separafores para tendones



Bone Surgery - Knochenchirurgie - Cirugía ósea
Tendon Stripper, Tendon Tunnel Instruments
Sehnenstripper, Durchzuginstrumente
Instrumentos para el túnel del tendón

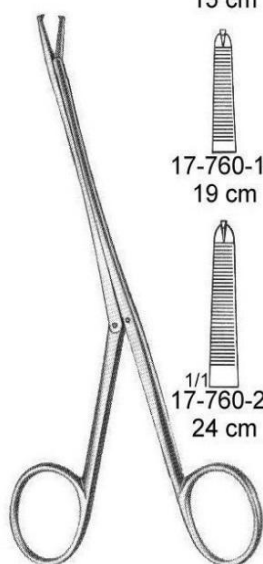


Bone Surgery - Knochenchirurgie - Cirugía ósea
Tendon Seizing Instruments
Schnenfaßinstrumente
Instrumentos para coger tendones



1/2

Steinmann
13-758-16
16 cm

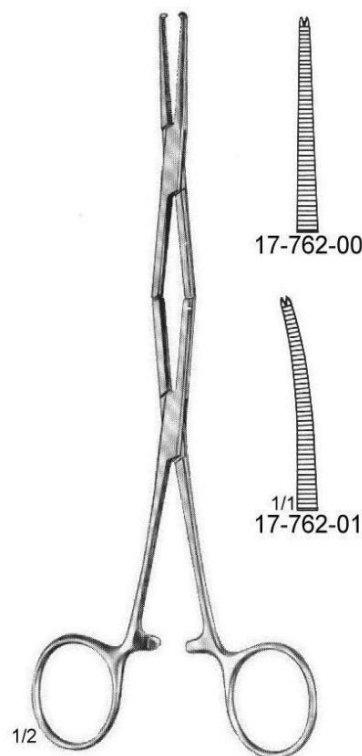


Brand
13-760-15 - 13-760-24

17-760-15
15 cm

17-760-19
19 cm

1/1
17-760-24
24 cm



1/2

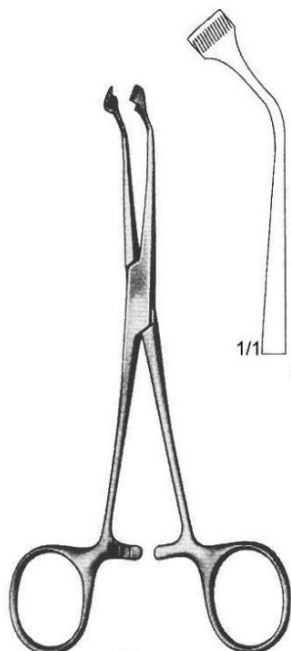
13-762-00 - 13-762-01
20.5 cm

17-762-00

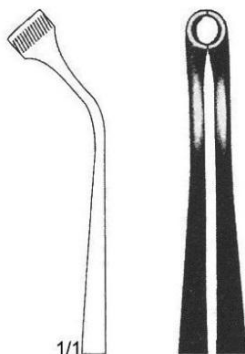
1/1
17-762-01

Fine Serrations

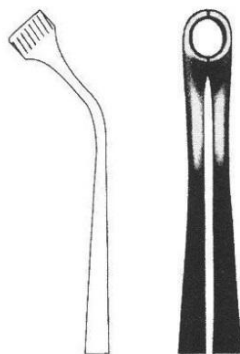
Coarse Serrations



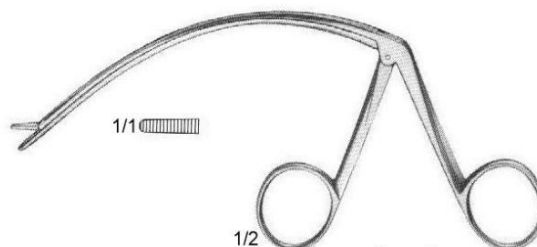
Herz
13-764-01 - 13-764-02
15.5 cm



13-764-01



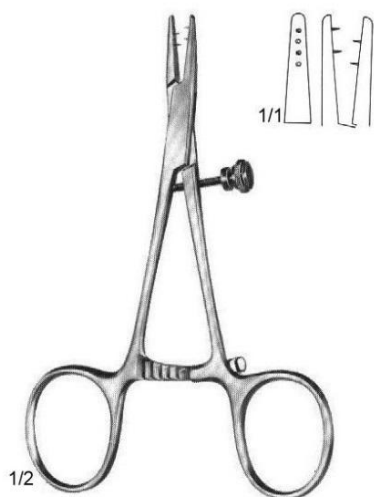
13-764-02



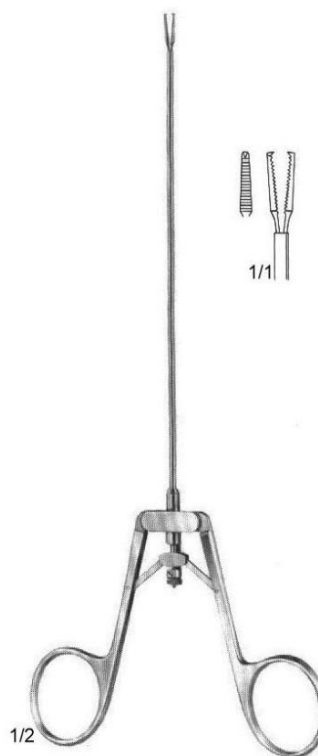
1/2

Carol
13-765-11
11 cm

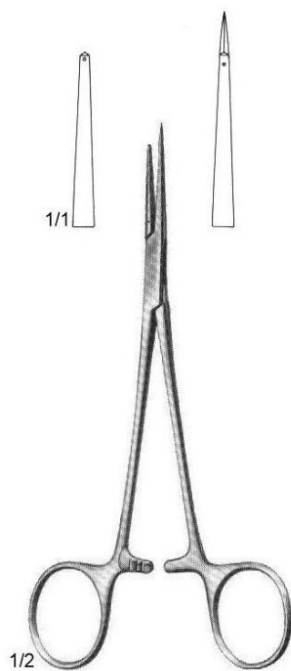
Bone Surgery - Knochenchirurgie - Cirugía ósea
Tendon Seizing Instruments
Schnenfaßinstrumente
Instrumentos para coger tendones



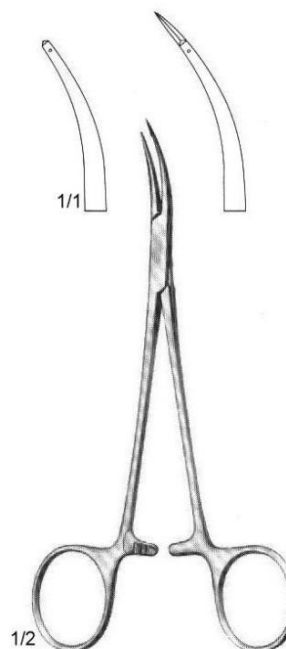
13-766-13
13 cm



Kleinert-Kutz
13-767-20
20 cm

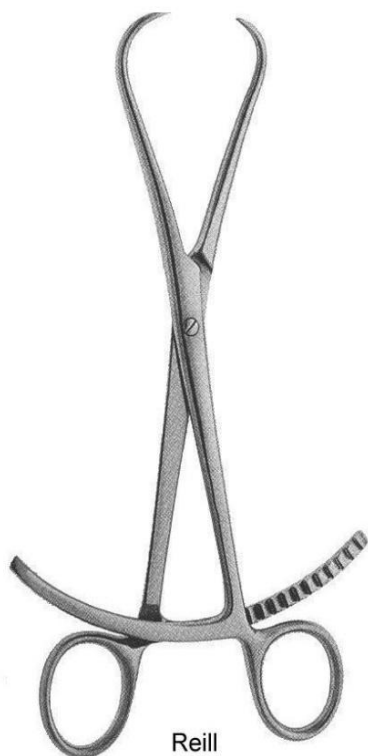


13-768-15
15 cm

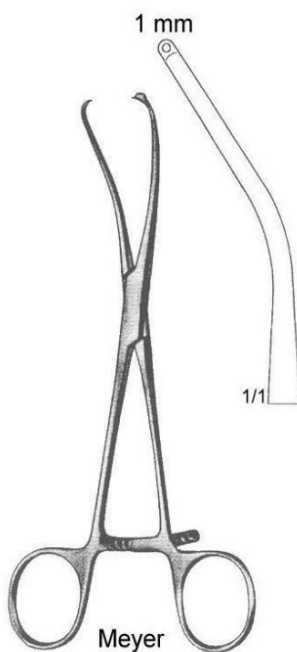


13-769-15
15 cm

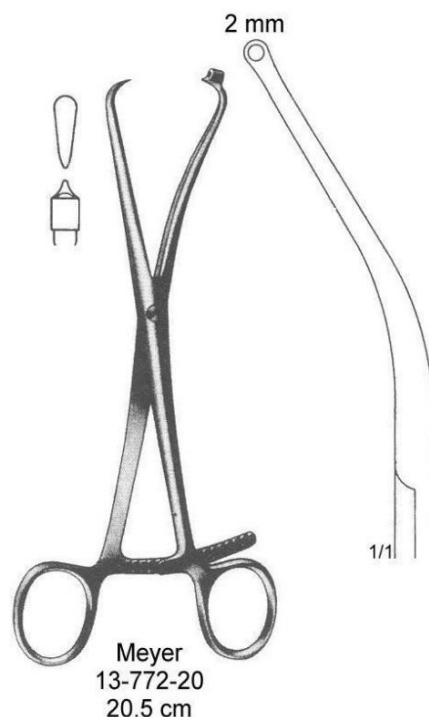
Bone Surgery - Knochenchirurgie - Cirugía ósea
Reposition Forceps, Sequestrum Forceps
Repositionszangen, Sequesterzangen
Pinzas para huesos y para secuestros



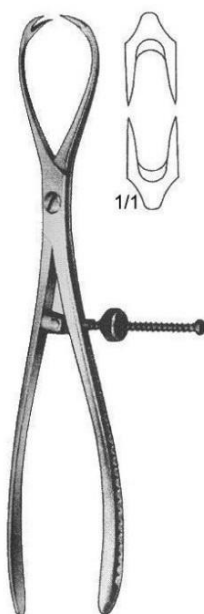
Reill
13-770-20
20 cm



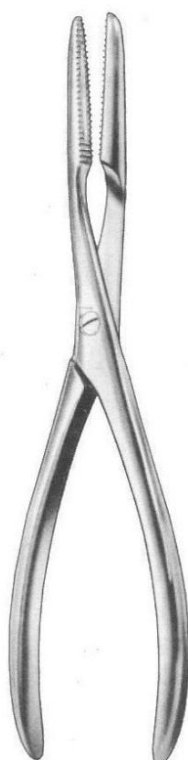
Meyer
13-772-17
17 cm



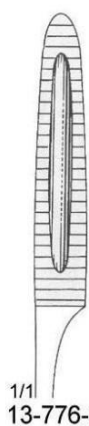
Meyer
13-772-20
20.5 cm



Patella
13-774-18
18 cm



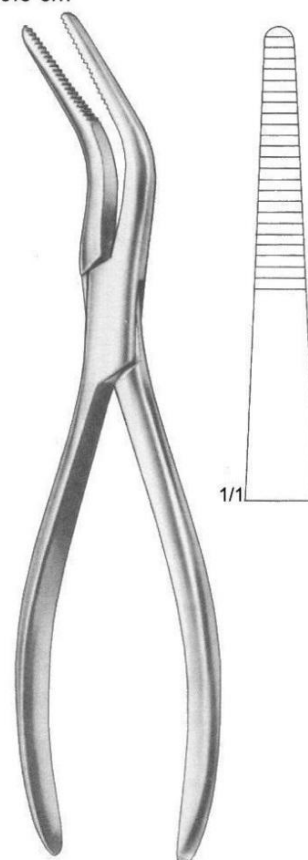
13-776-20 - 13-777-20
20 cm



13-776-20

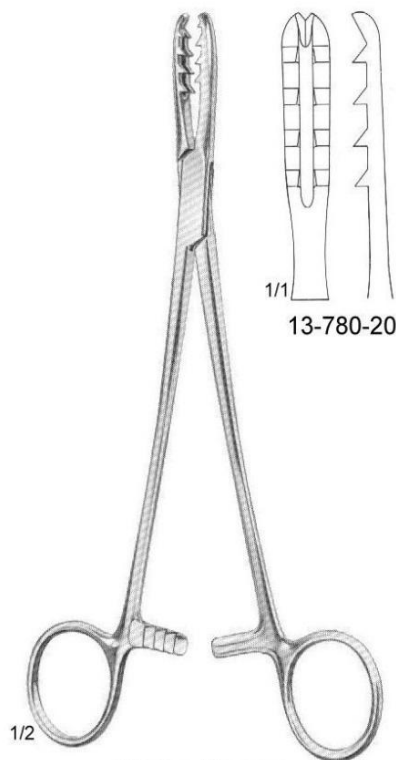


13-777-20

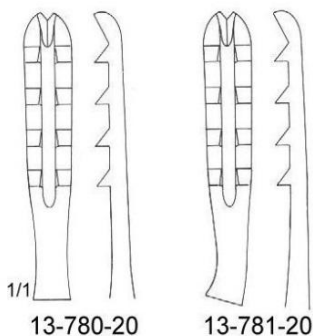


Van Buren
13-778-23
23cm

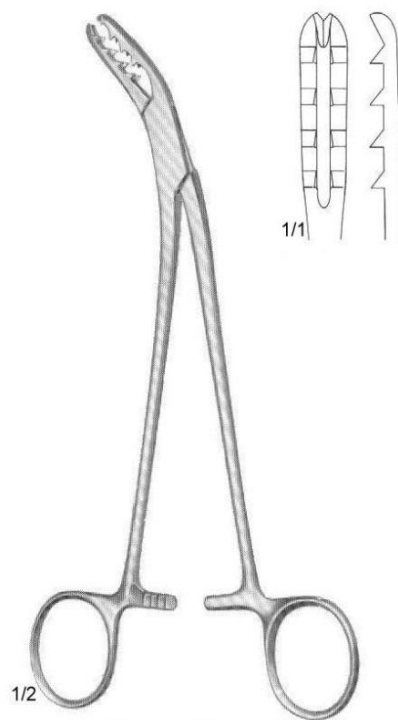
Bone Surgery - Knochenchirurgie - Cirugía ósea
Meniscus and cartilage forceps
Meniskus- und Knorpelfaßzangen
Pinzas para menisco y cartílago



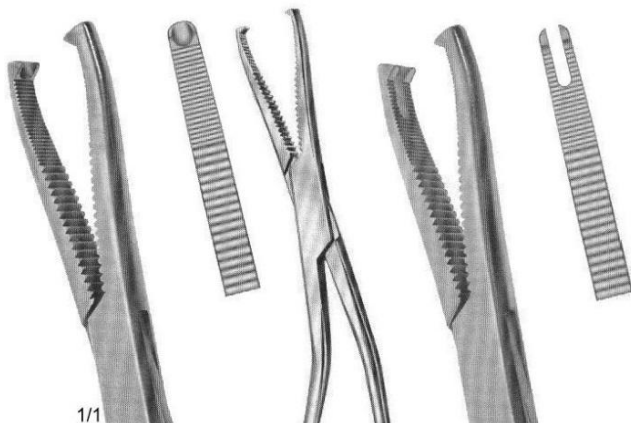
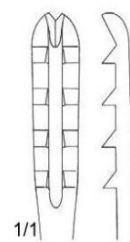
Bircher-Ganske
13-780-20 - 13-781-20
20 cm



13-781-20

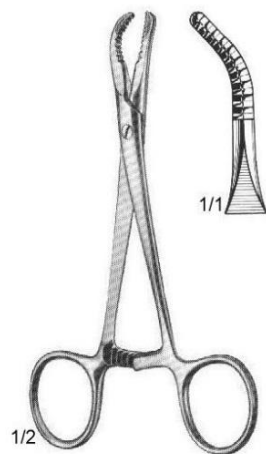


Bircher-Ganske
13-783-20
20 cm

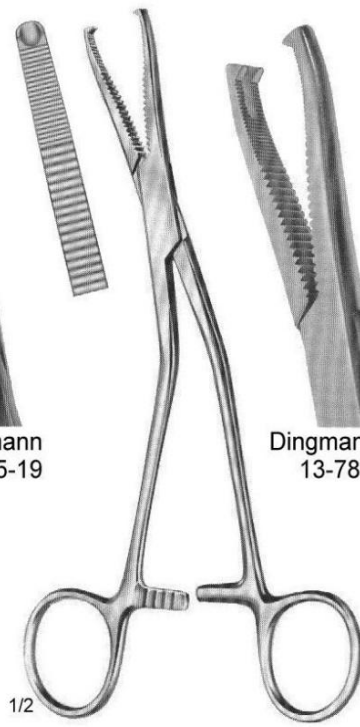


Dingmann
13-785-19

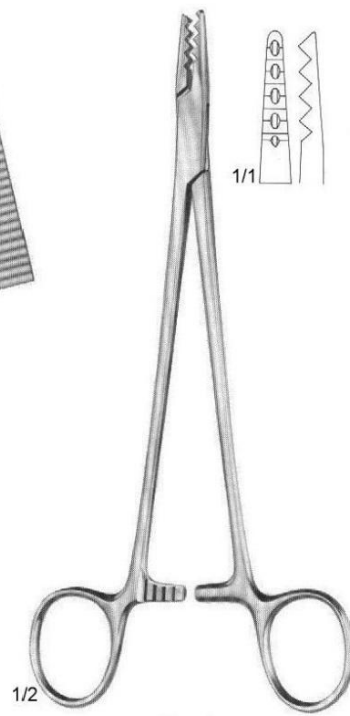
Dingmann Mod.
13-787-19



13-784-14
14 cm



13-785-19 - 17-787-19
19 cm

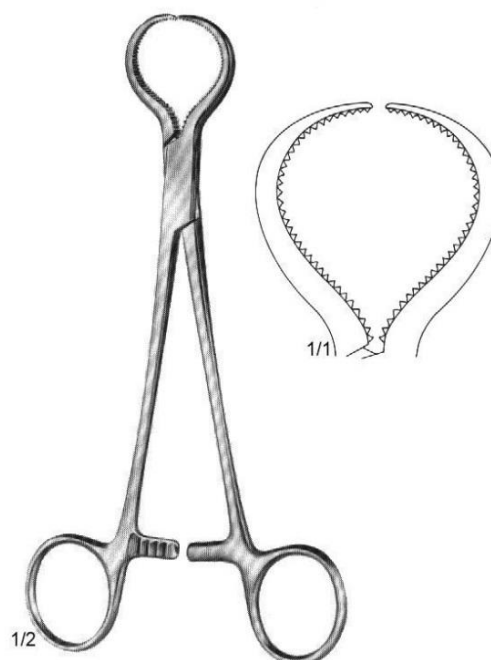


Martin
13-788-19
19 cm

Bone Surgery - Knochenchirurgie - Cirugía ósea
Bone Holding Forceps
Knochenhaltezen
Pinzas para huesos



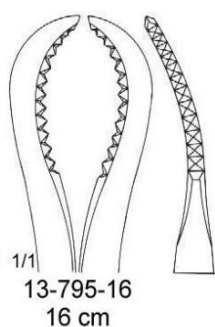
13-791-12
12 cm



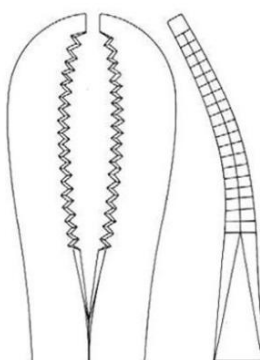
Lewin
13-792-17
17.5 cm



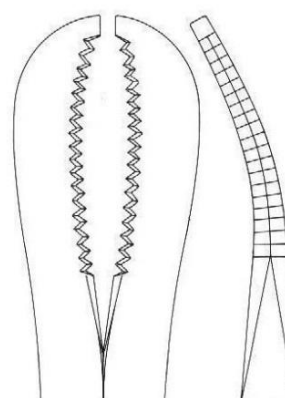
13-795-16 - 13-795-24



13-795-16
16 cm



13-795-22
22 cm



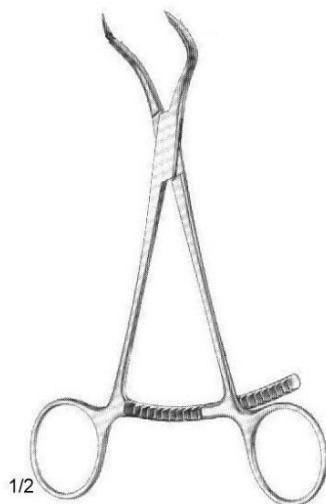
13-795-24
24 cm

Reposition forceps with thread fixation

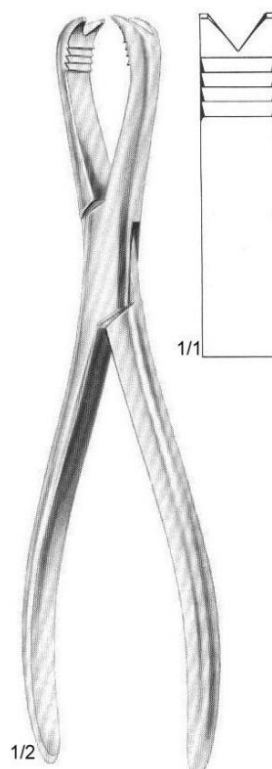
Bone Surgery - Knochenchirurgie - Cirugía ósea
Bone Holding Forceps
Knochenhaltezenzen
Pinzas para huesos



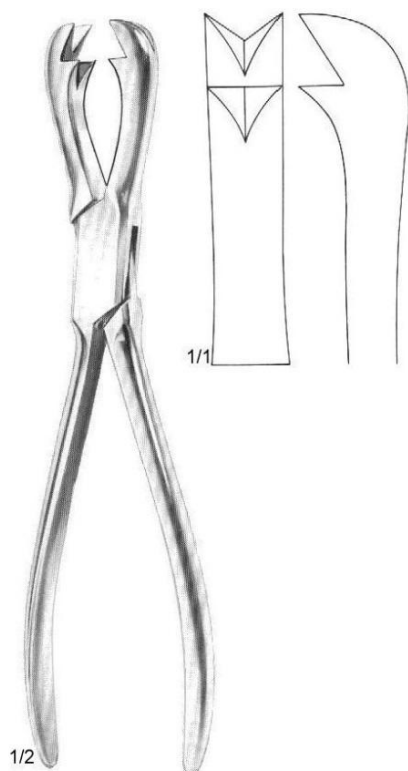
13-800-14
14 cm



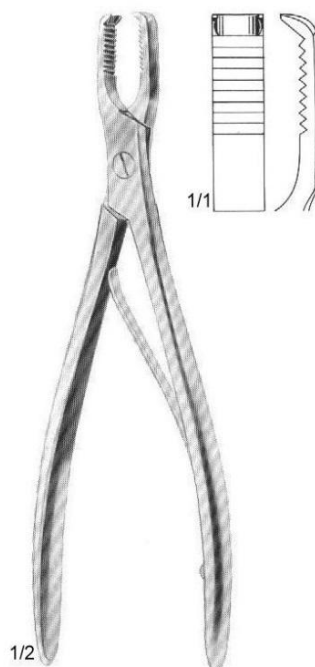
13-801-13
13.5 cm



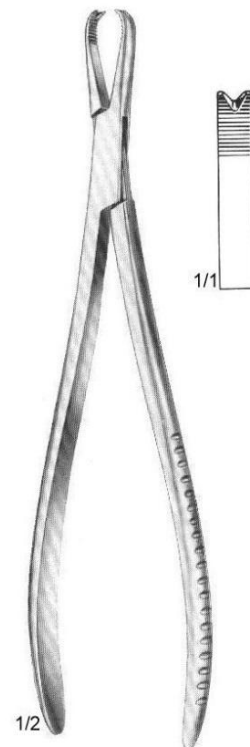
Langenbeck
13-802-21
21 cm



Fergusson
13-804-21
21 cm



Frosch
13-806-18
18 cm



13-808-20
20 cm

Bone Surgery - Knochenchirurgie - Cirugía ósea
Bone Holding Forceps
Knochenhaltezenzen
Pinzas para huesos



13-817-21
21 cm



13-817-26
26 cm



1/2
13-817-33
33 cm

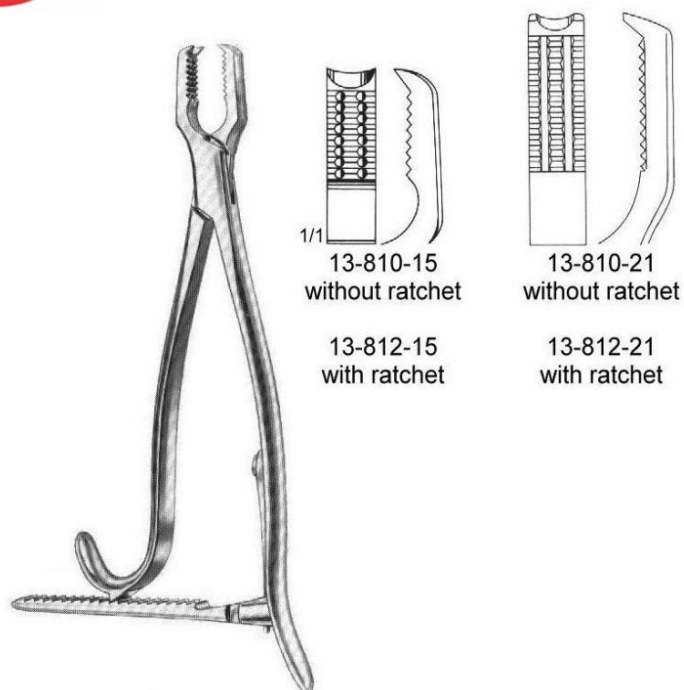


1/2
Lambotte
13-817-21 - 13-817-33

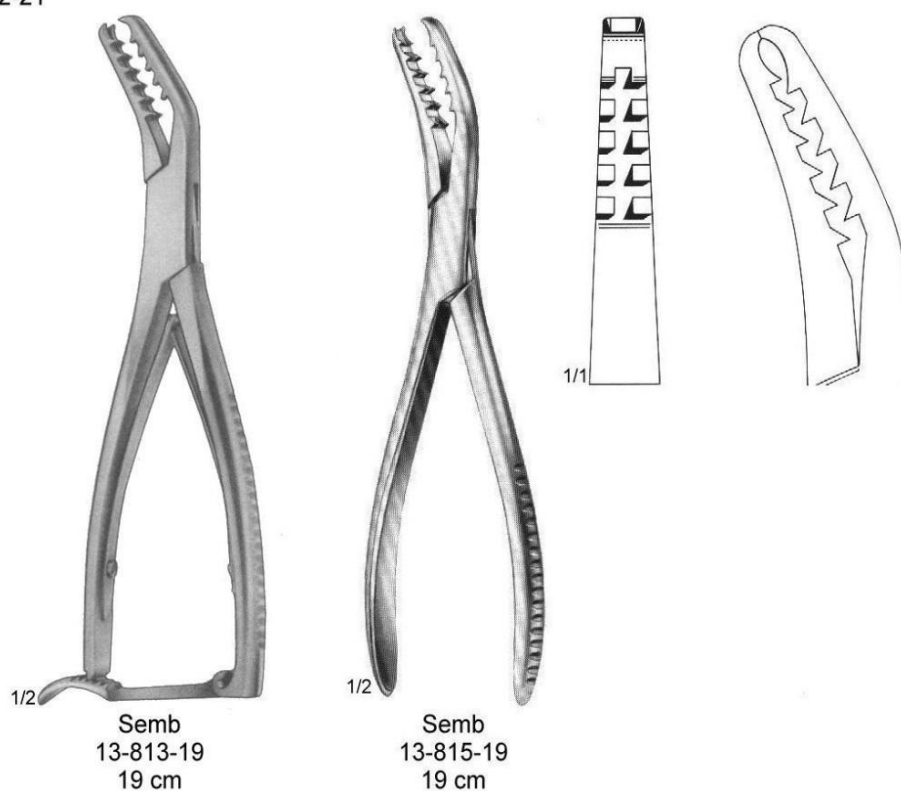


1/2
Lambotte
13-819-19 19 cm
13-819-23 23 cm
13-819-26 26 cm

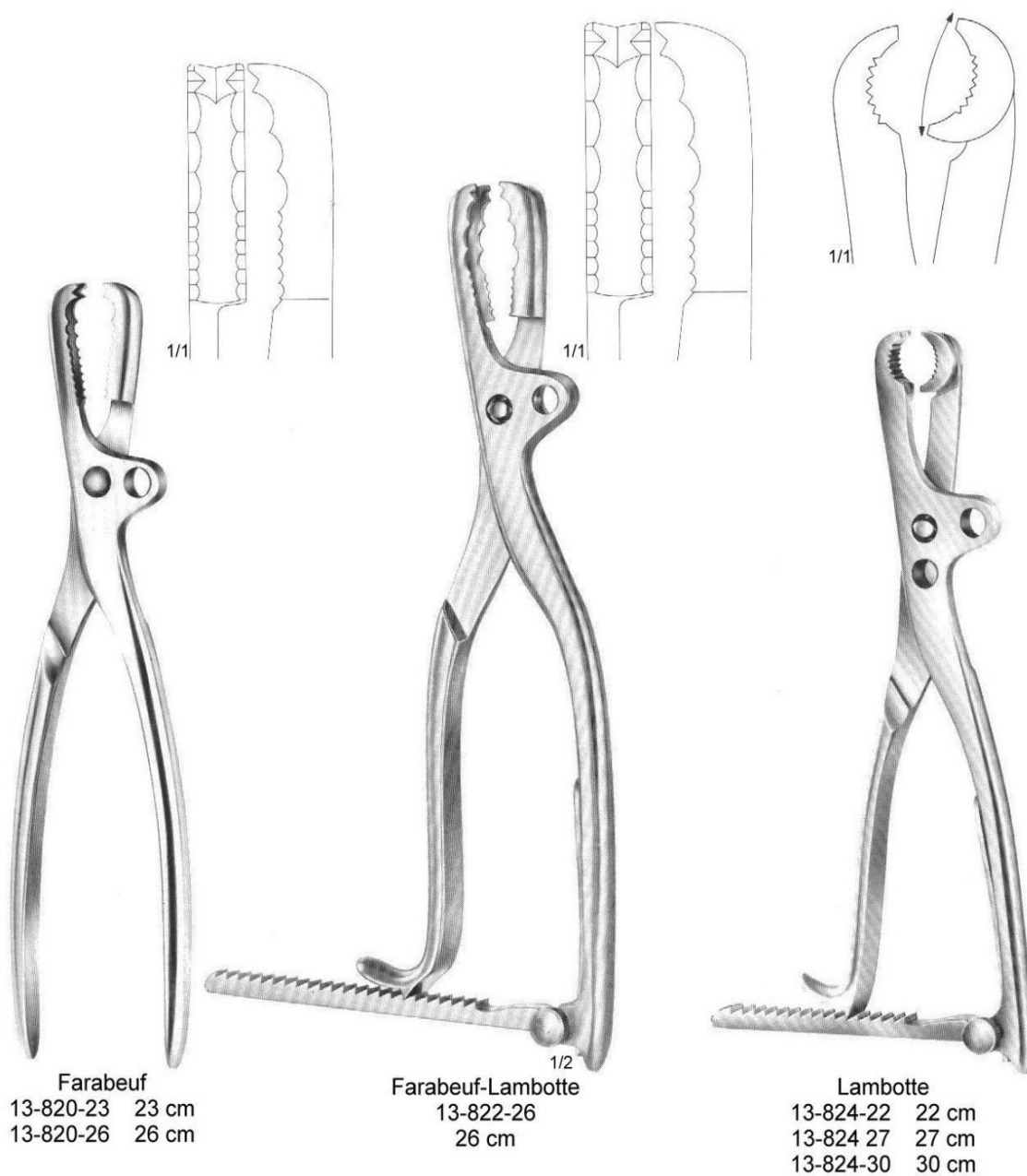
Bone Surgery - Knochenchirurgie - Cirugía ósea
 Bone Holding Forceps
 Knochenhaltezenzen
 Pinzas para huesos



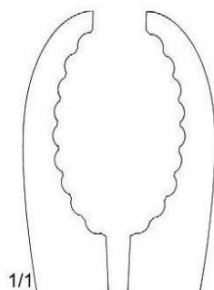
	Kern	
13-810-15	15 cm	13-812-15
13-810-17	17 cm	13-812-17
13-810-21	21 cm	13-812-21



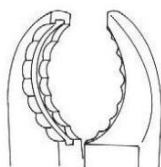
Bone Surgery - Knochenchirurgie - Cirugía ósea
Bone Holding Forceps
Knochenhaltezen
Pinzas para huesos



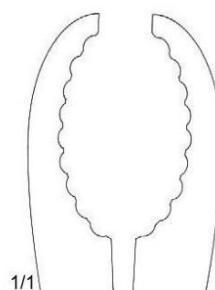
Bone Surgery - Knochenchirurgie - Cirugía ósea
 Bone Holding Forceps
 Knochenhaltezen
 Pinzas para huesos



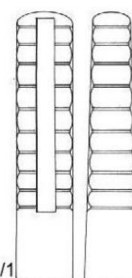
1/1



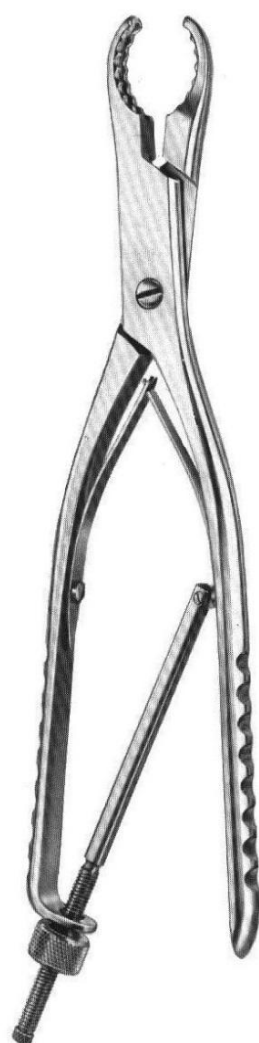
13-826-23
 13-827-23
 23 cm



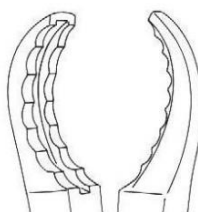
1/1



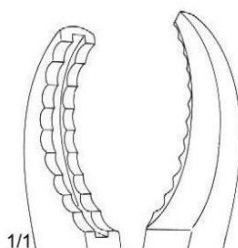
1/1



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

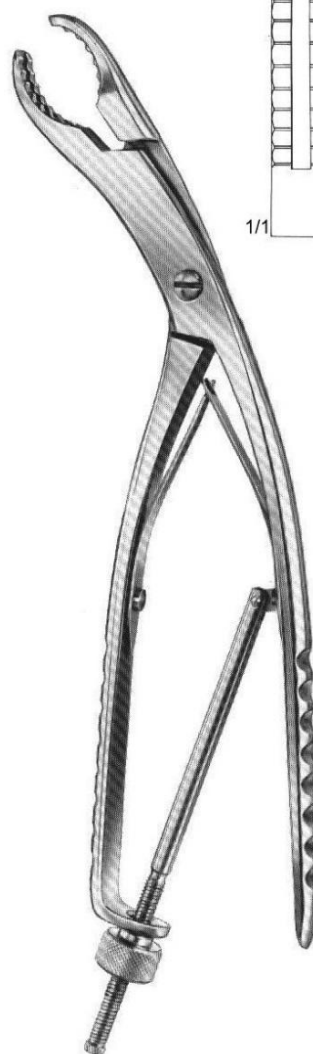


13-826-25
 13-827-25
 25 cm



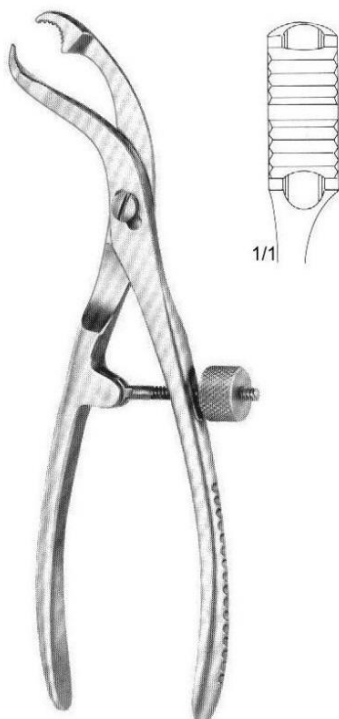
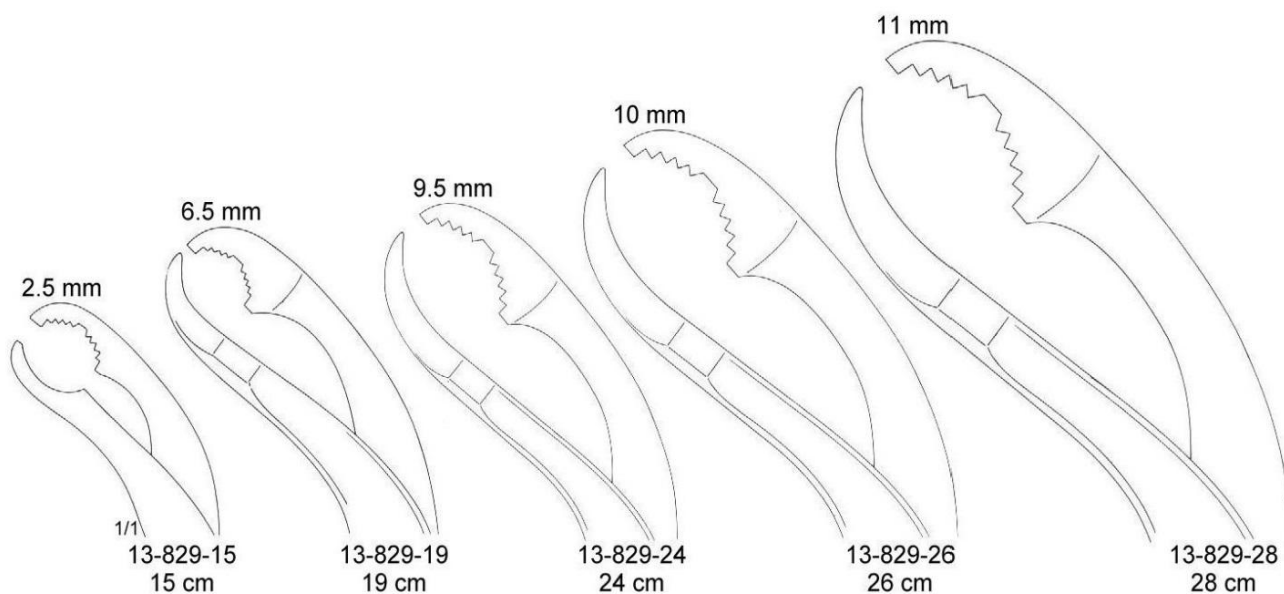
1/1

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



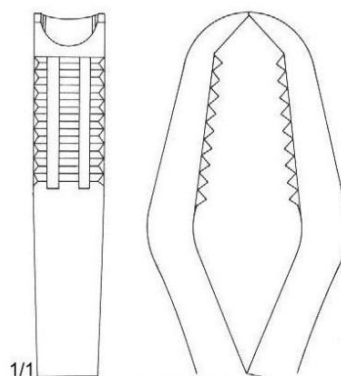
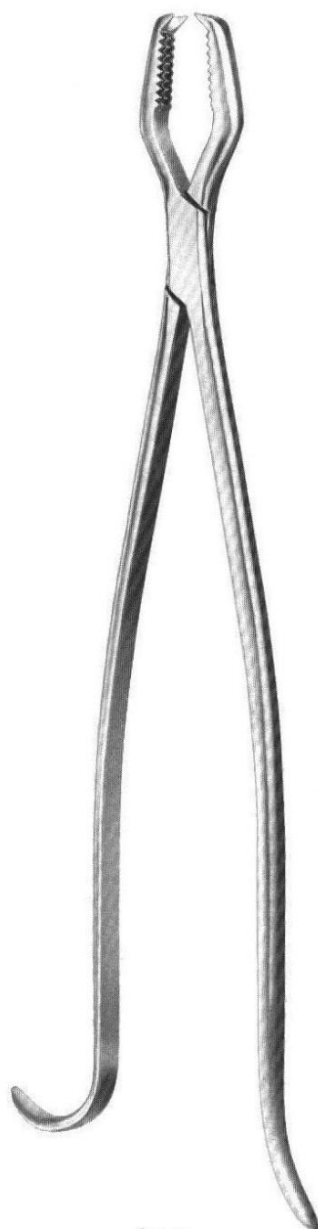
Ulrich
 13-827-23 - 13-827-28

Bone Surgery - Knochenchirurgie - Cirugía ósea
Bone Holding Forceps
Knochenhaltezen
Pinzas para huesos



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

Bone Surgery - Knochenchirurgie - Cirugía ósea
Bone Holding Forceps
Knochenhaltezen
Pinzas para huesos



13-830-33
without ratchet

13-832-33
with ratchet

13-830-45
without ratchet

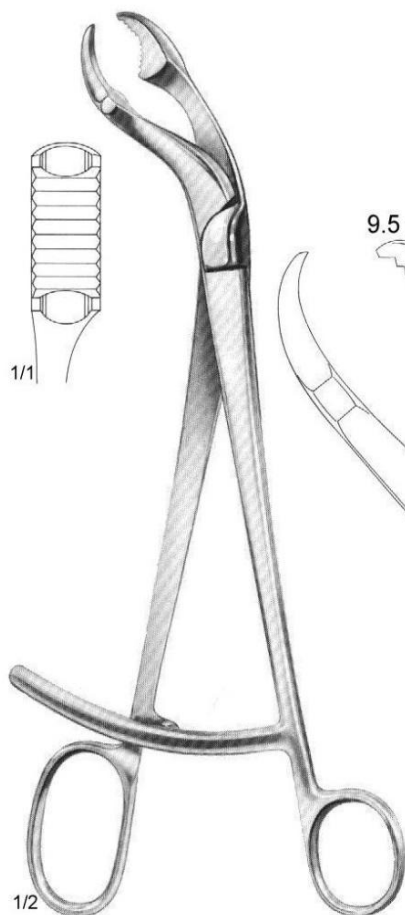
13-832-45
with ratchet

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

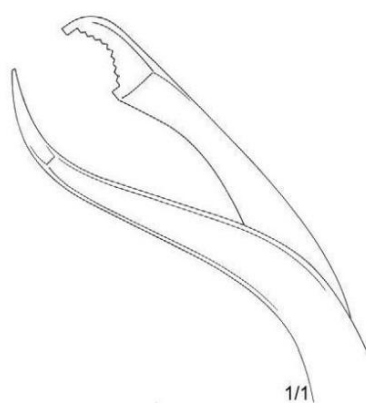
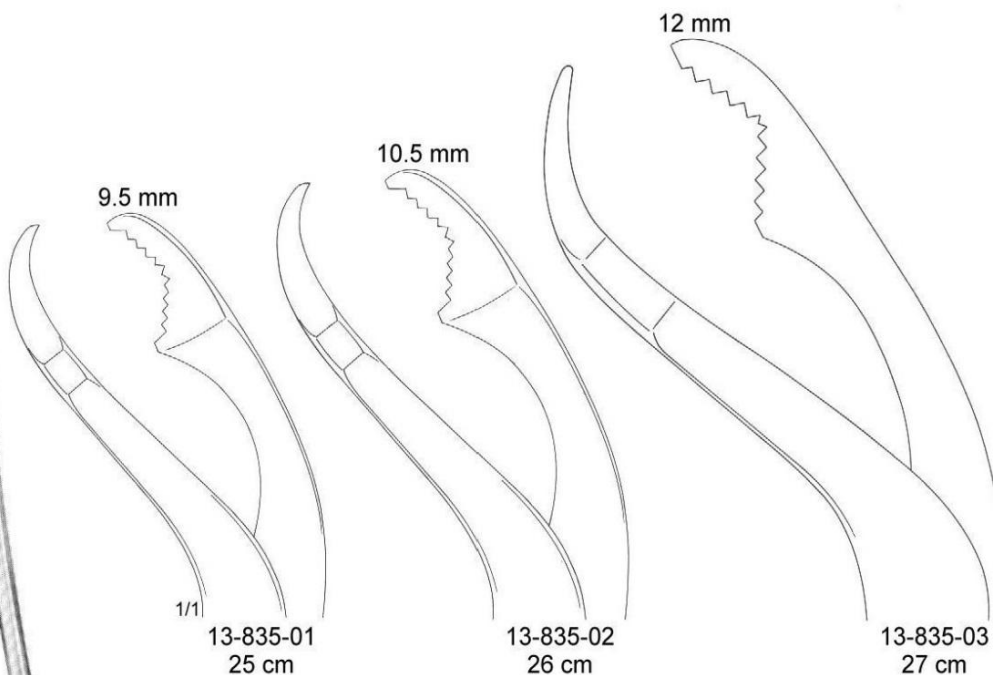
Bone Surgery - Knochenchirurgie - Cirugía ósea
 Bone Holding Forceps
 Knochenhaltezen
 Pinzas para huesos



Bone Surgery - Knochenchirurgie - Cirugía ósea
Bone Holding Forceps, Retractors
Knochenhaltezaugen, Retraktoren
Pinzas para huesos, Retractores

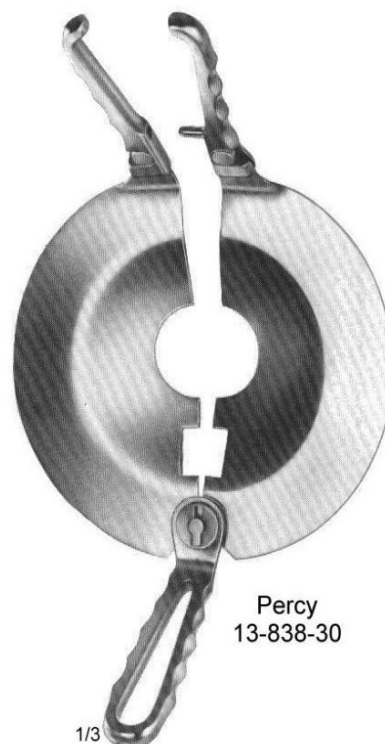


Verbrugge
13-835-01 - 13-835-03



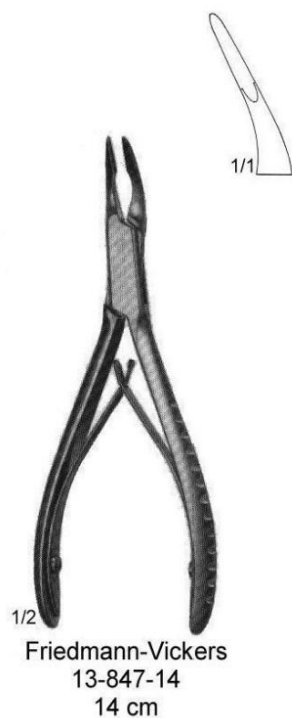
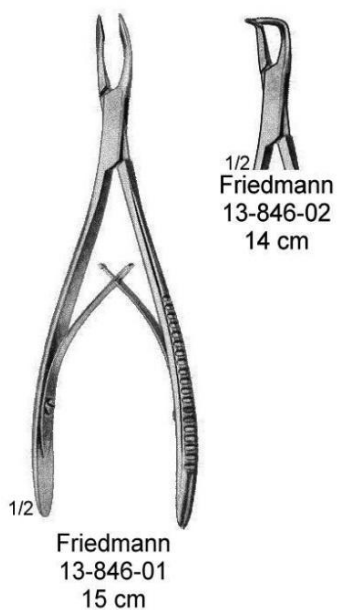
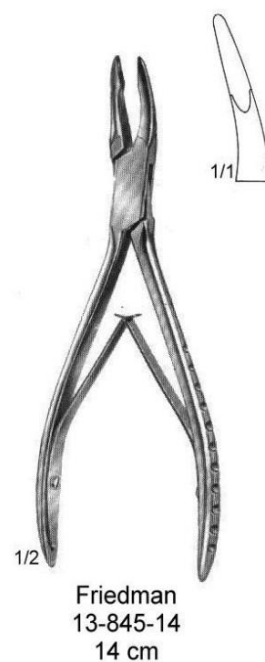
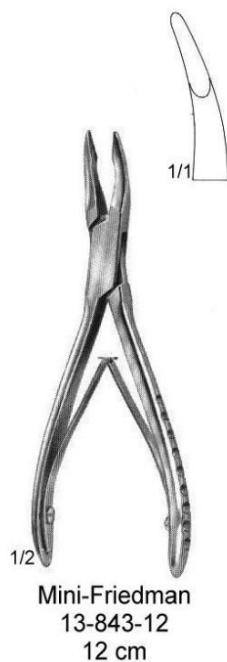
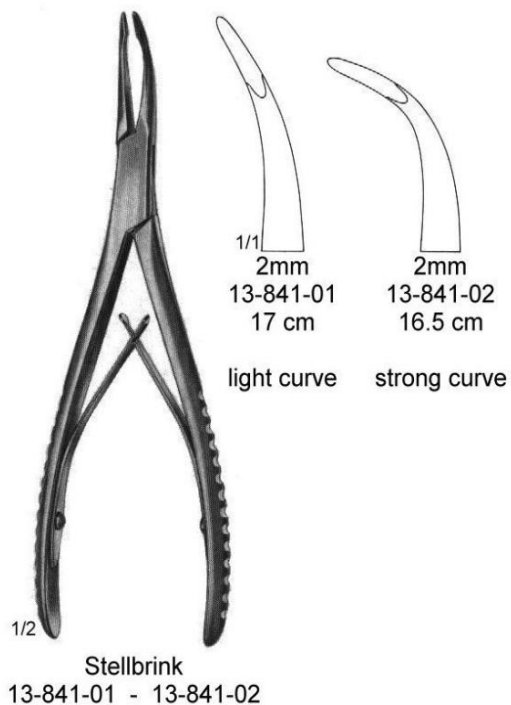
Verbrugge
13-837-17
17.5 cm

Amputating Retractor

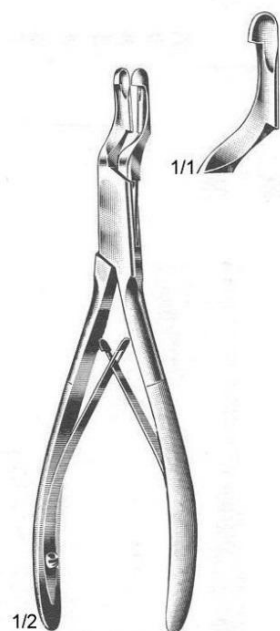


Percy
13-838-30

Bone Surgery - Knochenchirurgie - Cirugía ósea
 Bone Rongeur Forceps
 Hohlmeißelzangen
 Pinzas-gubias



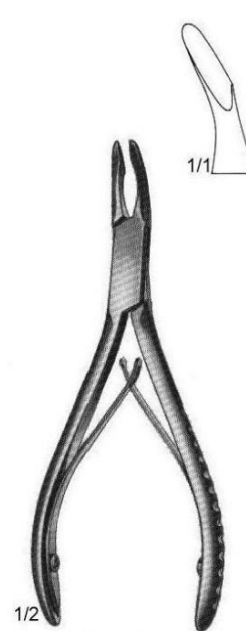
Bone Surgery - Knochenchirurgie - Cirugía ósea
 Bone Rongeur Forceps
 Hohlmeißelzangen
 Pinzas-gubias



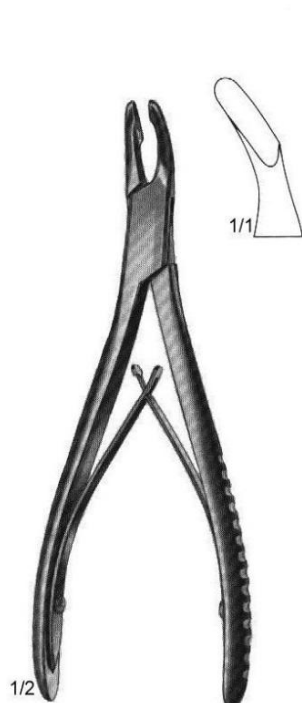
Cohen
 13-849-14
 14 cm



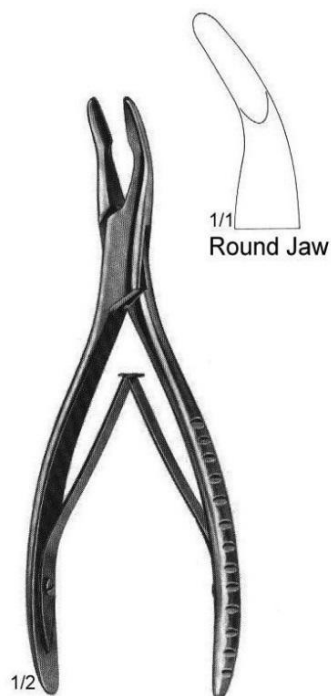
Hakansson
 13-850-17
 17 cm



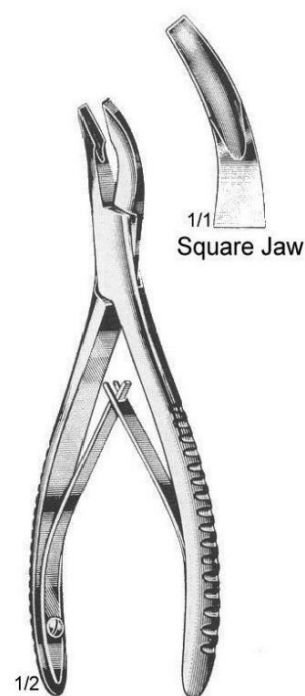
Cleveland
 13-851-14
 14 cm



Cleveland
 13-853-17
 17 cm



Mead
 13-855-16
 16.5 cm

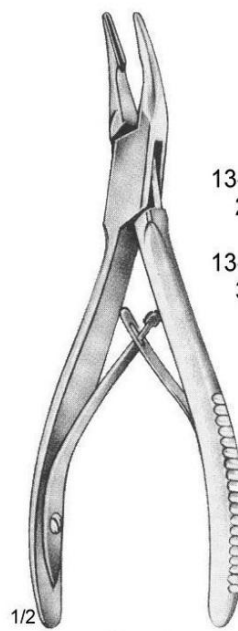


Mead
 13-856-16
 16.5 cm

Bone Surgery - Knochenchirurgie - Cirugía ósea
 Bone Rongeur Forceps
 Hohlmeißelzangen
 Pinzas-gubias



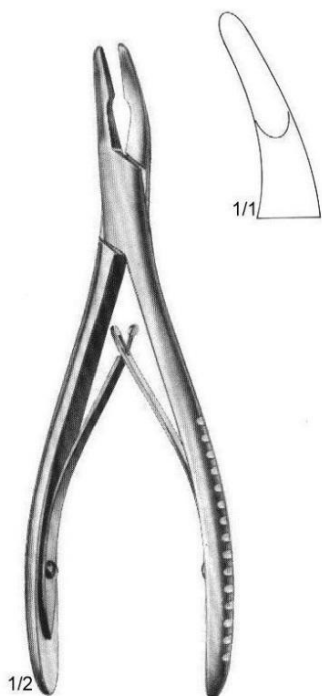
Beyer
 13-857-18
 18 cm



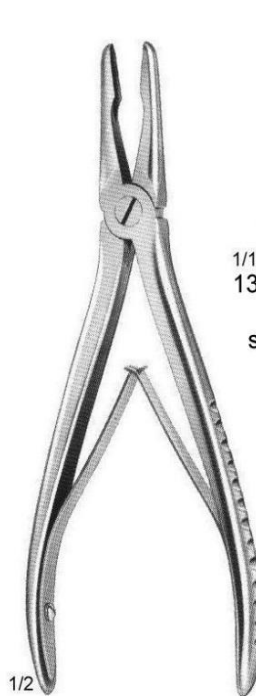
13-858-02
 2 mm

13-858-03
 3 mm

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



Hartmann
 13-859-18
 18.5 cm



1/1
 13-860-18

straight



13-861-18

light curve

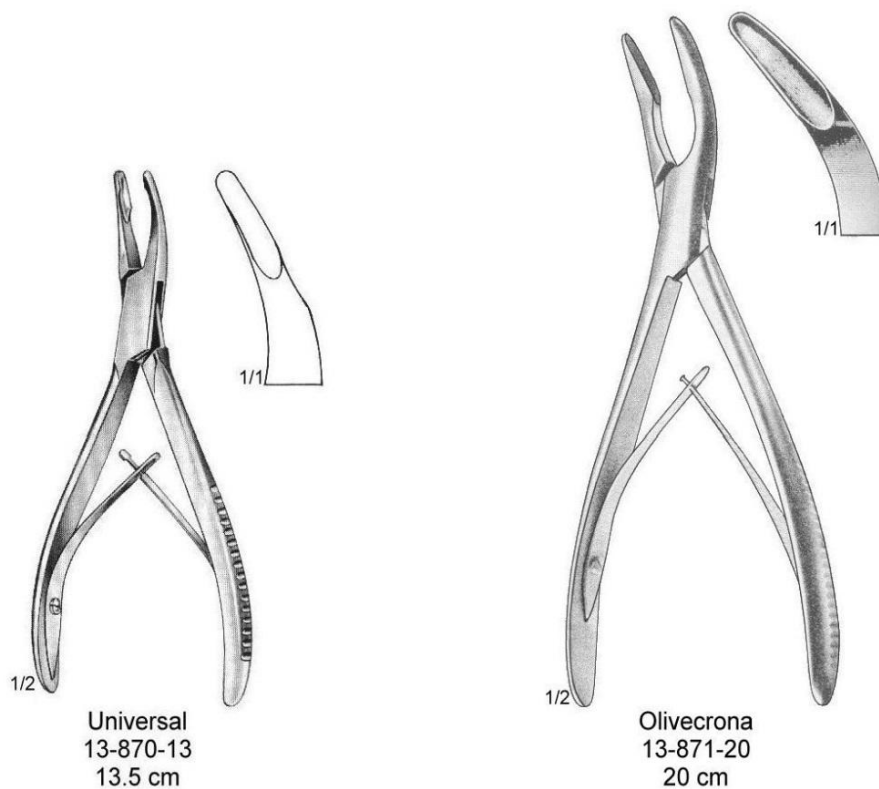
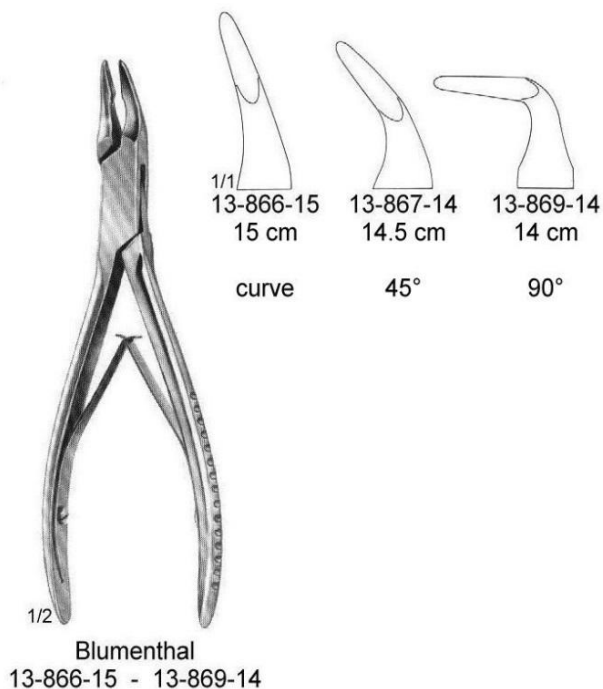
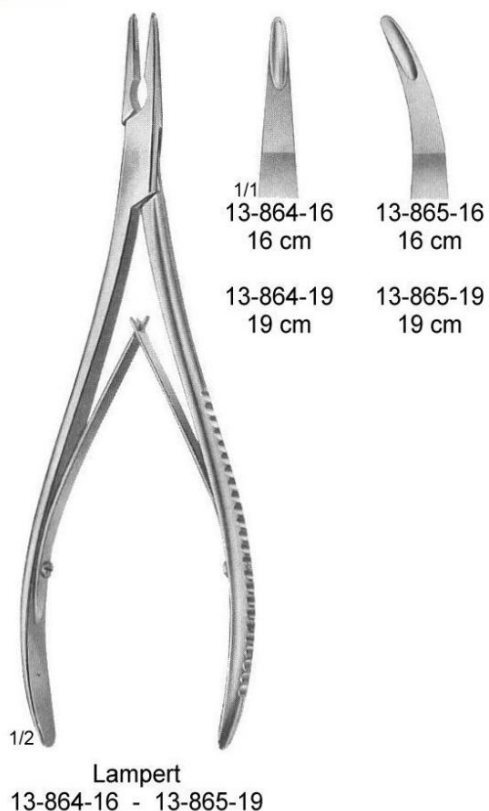


13-863-18

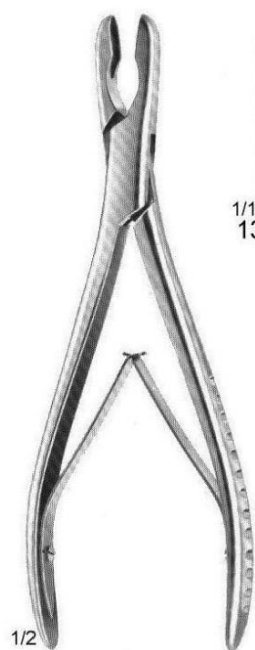
strong curve

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

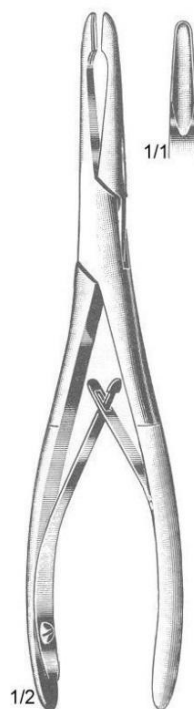
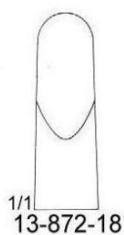
Bone Surgery - Knochenchirurgie - Cirugía ósea
 Bone Rongeur Forceps
 Hohlmeißelzangen
 Pinzas-gubias



Bone Surgery - Knochenchirurgie - Cirugía ósea
Bone Rongeur Forceps
Hohlmeißelzangen
Pinzas-gubias



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



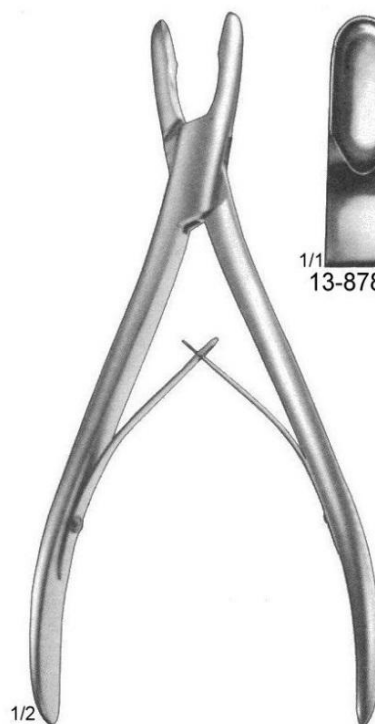
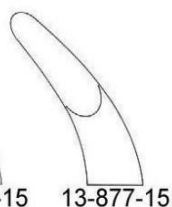
Defourmentel
13-874-19
19 cm

1/1

1/2



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

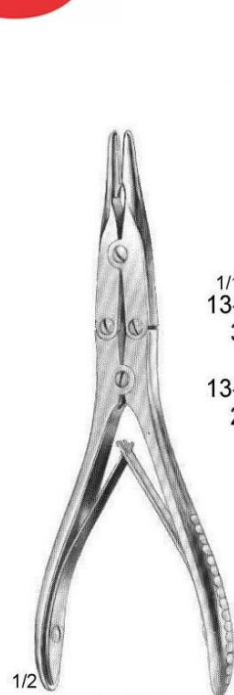


Adson
13-878-20 - 13-879-20
20 cm

1/1
13-878-20

1/2

Bone Surgery - Knochenchirurgie - Cirugía ósea
Bone Rongeur Forceps
Hohlmeißelzangen
Pinzas-gubias



Bohler
13-880-02 - 13-881-15
15 cm



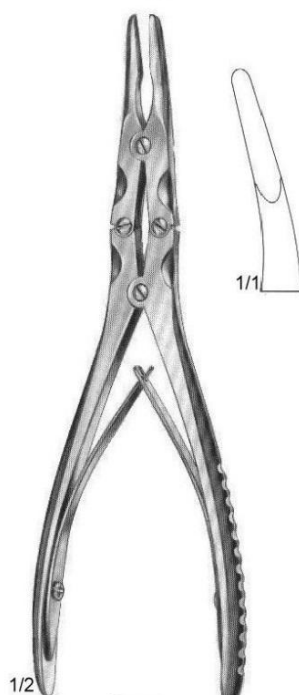
13-880-15
3 mm



13-881-15
3 mm

13-880-02
2 mm

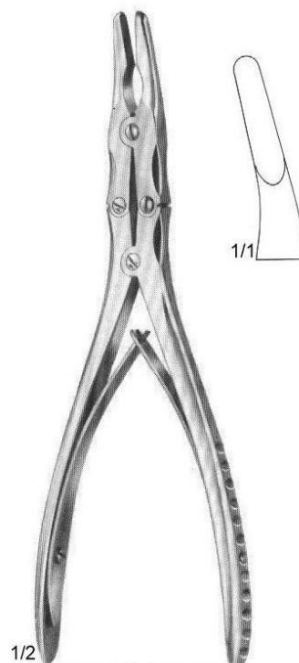
13-881-02
2 mm



Beyer
13-883-18
18 cm



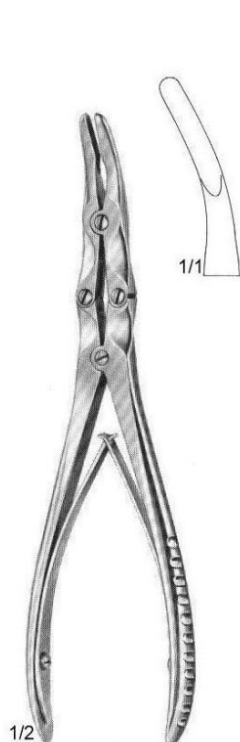
1/1



Zaufal-Jansen
13-885-18
18 cm



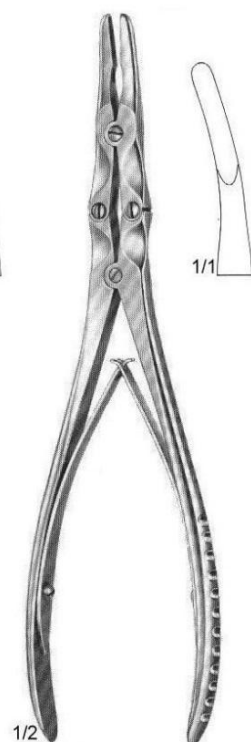
1/1



Mayfield
13-887-17
17 cm



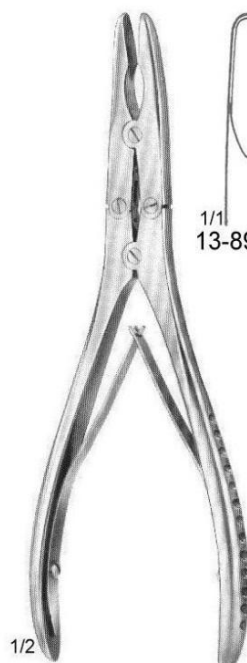
1/1



Marquardt
13-889-20
20 cm



1/1



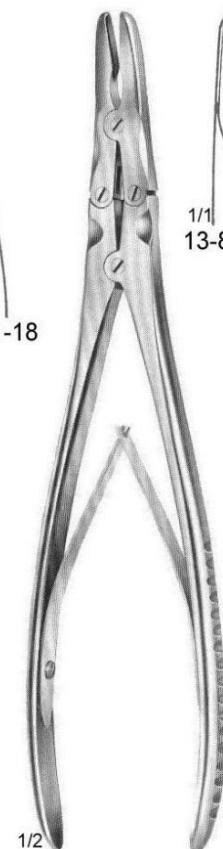
Ruskin
13-890-18 - 13-891-18
18 cm



1/1



1/1



Ruskin
13-890-23 - 13-891-23
23 cm



1/1

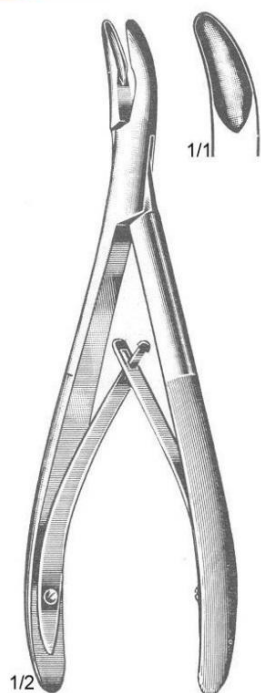


1/1

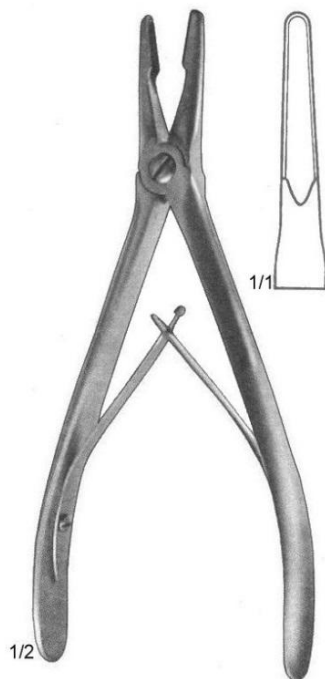
13-890-23

13-891-23

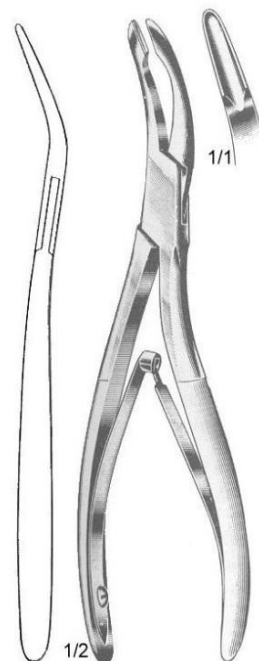
Bone Surgery - Knochenchirurgie - Cirugía ósea
Bone Rongeur Forceps
Hohlmeißelzangen
Pinzas-gubias



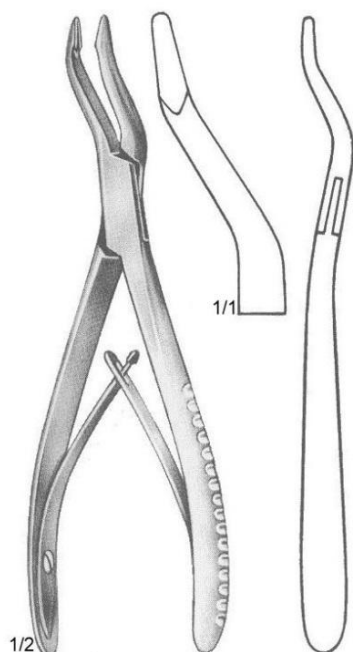
Bane
13-892-01
18 cm



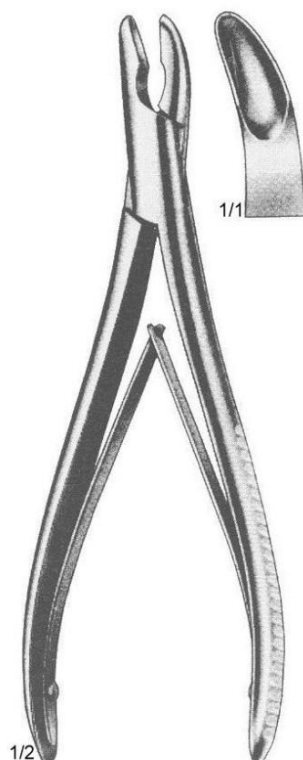
Zaufal
13-892-02
18 cm



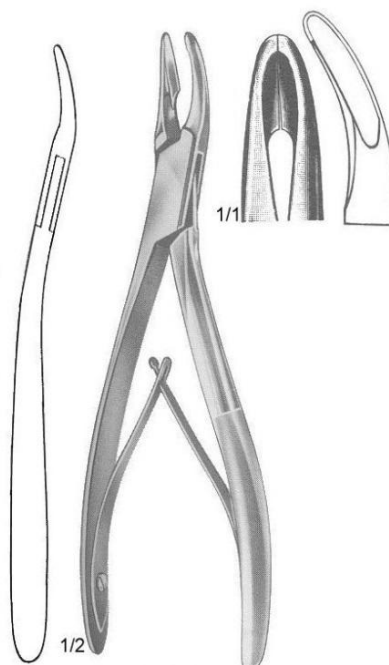
Cottle-Jansen
13-892-03
18 cm



Jansen
13-892-04
19 cm

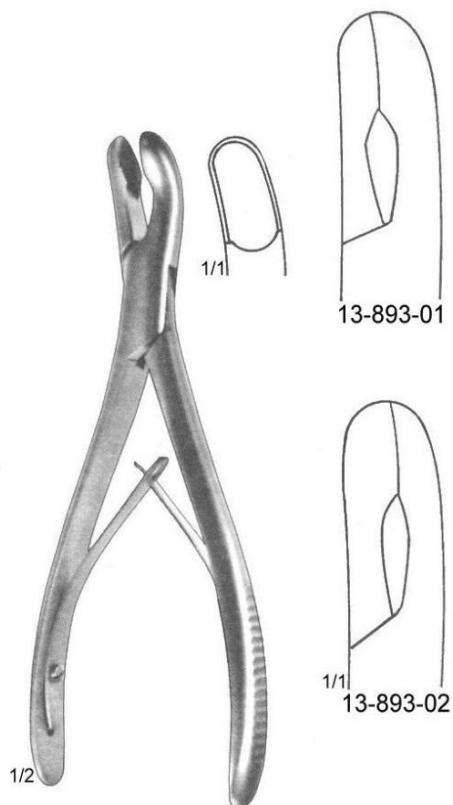


Guleke
13-892-05
20.5 cm

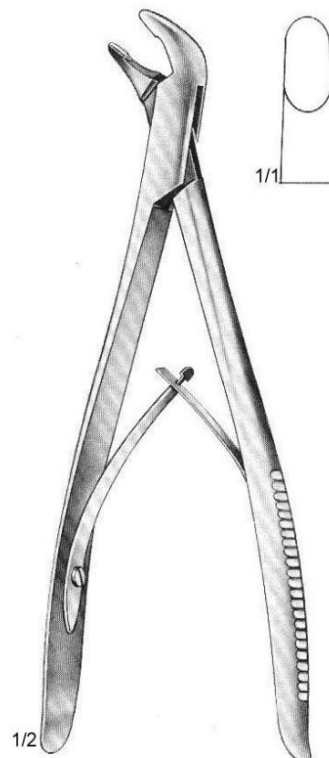


Schell
13-892-06
17 cm

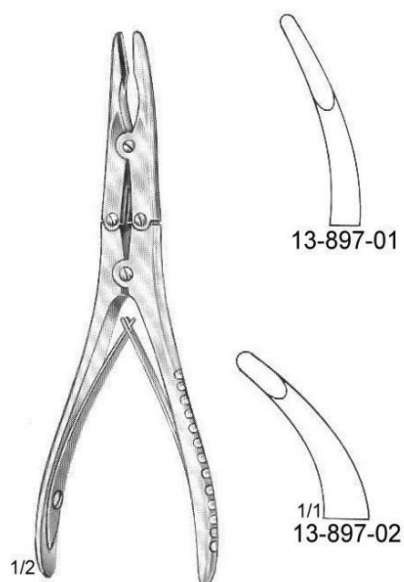
Bone Surgery - Knochenchirurgie - Cirugía ósea
Bone Rongeur Forceps
Hohlmeißelzangen
Pinzas-gubias



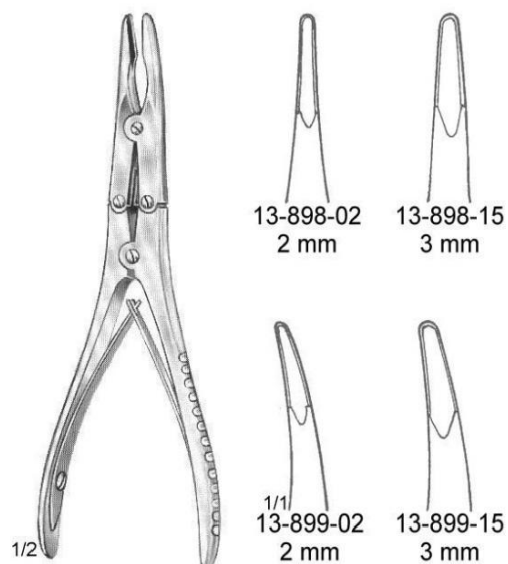
Fisch
13-893-01 - 13-893-02
17 cm



Bacon
13-894-20
20 cm

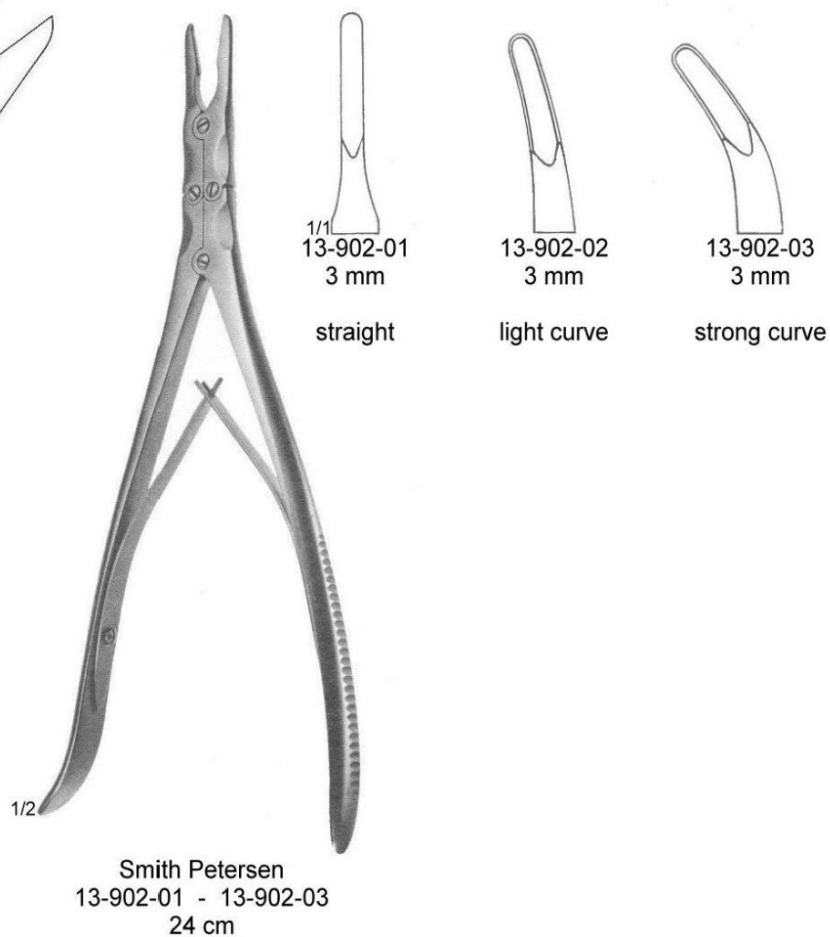
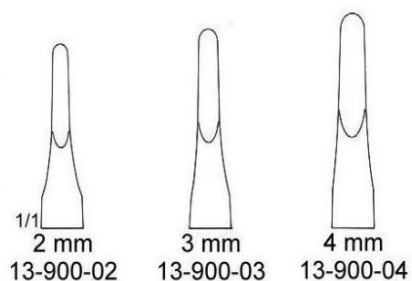


Kleinert-Kutz
13-897-01 - 13-897-02
15 cm



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

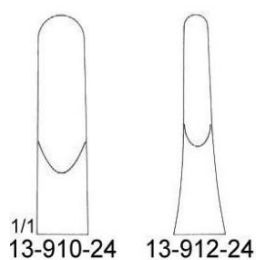
Bone Surgery - Knochenchirurgie - Cirugía ósea
 Bone Rongeur Forceps
 Hohlmeißelzangen
 Pinzas-gubias



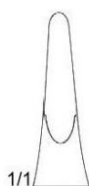
Bone Surgery - Knochenchirurgie - Cirugía ósea
Bone Rongeur Forceps
Hohlmeißelzangen
Pinzas-gubias



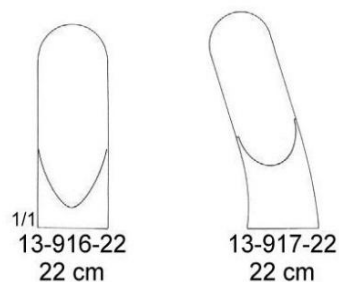
Bone Surgery - Knochenchirurgie - Cirugía ósea
 Bone Rongeur Forceps
 Hohlmeißelzangen
 Pinzas-gubias



Leksell-Stille
 13-910-24 - 13-912-24
 24 cm

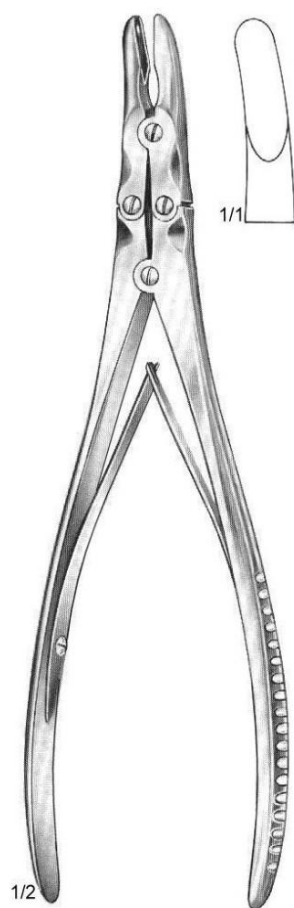


Frykholm
 13-914-24
 24 cm

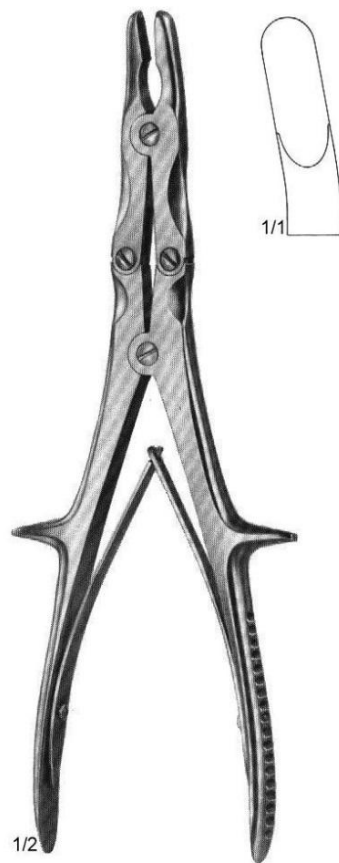


Stille-Luer
 13-916-22 - 13-917-26
 26 cm

Bone Surgery - Knochenchirurgie - Cirugía ósea
Bone Rongeur Forceps
Hohlmeißelzangen
Pinzas-gubias

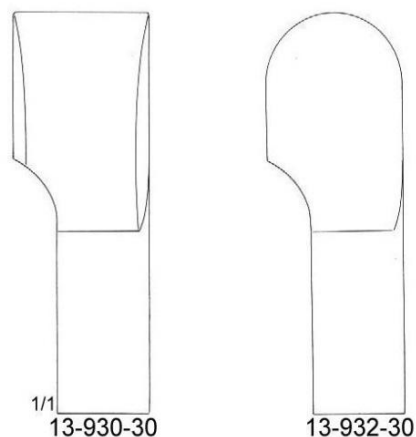
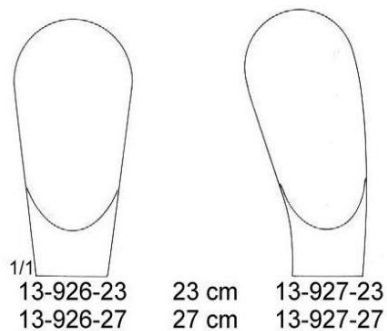


Roettgen-Ruskin
13-921-24
24 cm



Stille-Ruskin
13-923-23
23 cm

Bone Surgery - Knochenchirurgie - Cirugía ósea
Bone Rongeur Forceps
Hohlmeißelzangen
Pinzas-gubias

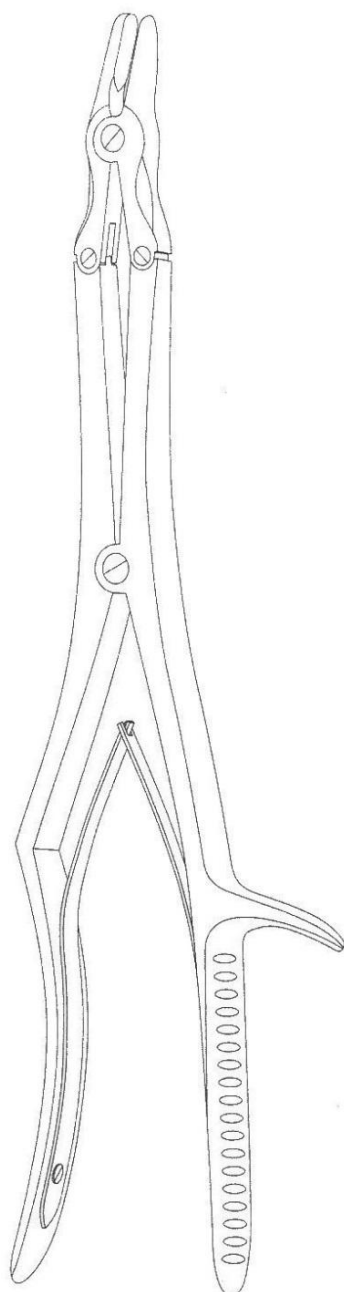


Stille-Luer
13-926-23 - 13-927-27

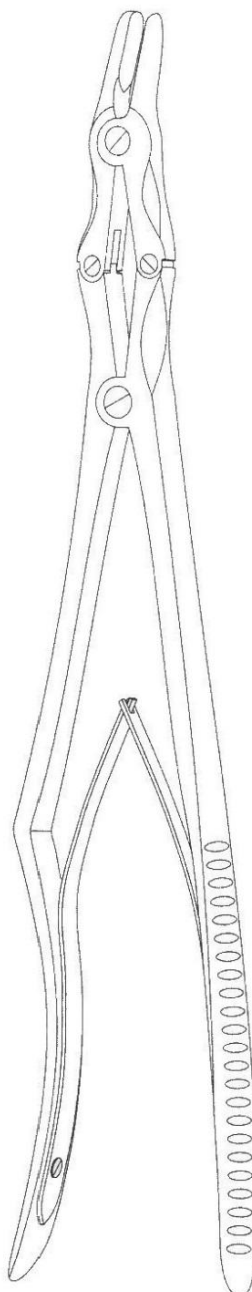
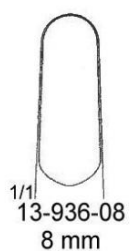
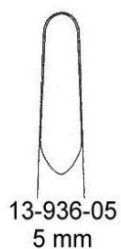
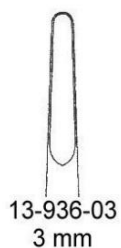


Sauerbruch
13-930-30 - 13-932-30
30 cm

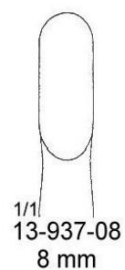
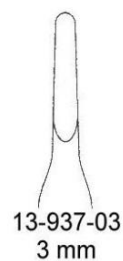
Bone Surgery - Knochenchirurgie - Cirugía ósea
Bone Rongeur Forceps
Hohlmeißelzangen
Pinzas-gubias



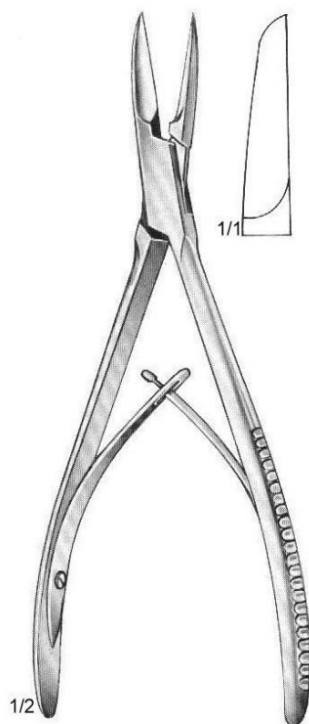
Sybert
13-936-03 - 13-936-08
35 cm



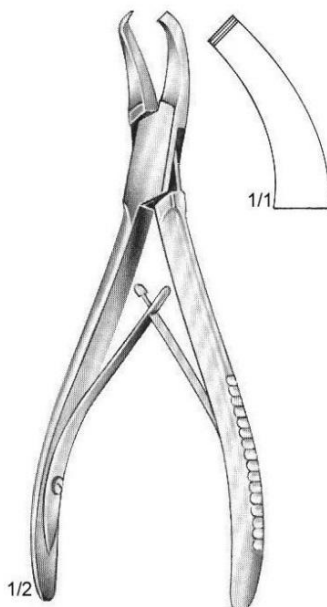
Dale
13-937-03 - 13-937-08
35 cm



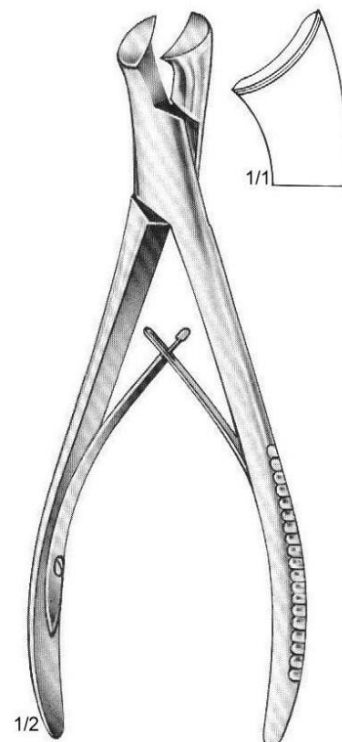
Bone Surgery - Knochenchirurgie - Cirugía ósea
 Bone Cutting Forceps
 Knochensplitterzangen
 Pinzas cortantes para huesos



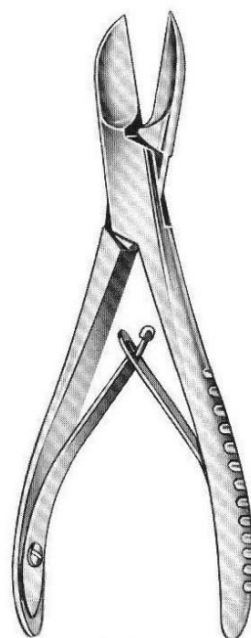
Cottle Kazanjian
 13-940-19
 19 cm



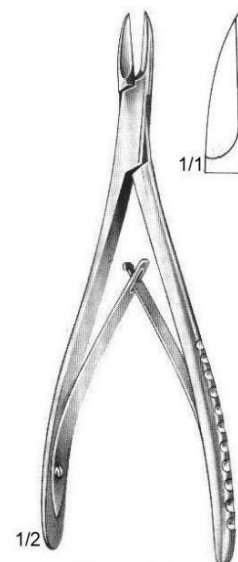
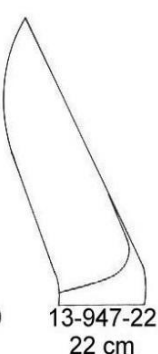
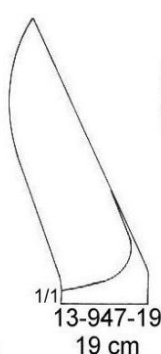
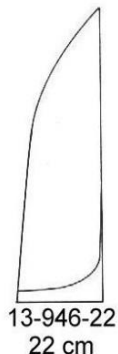
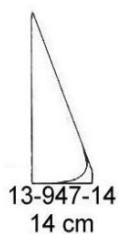
Cleveland-Gardner
 13-941-16
 16 cm



Markwalder
 13-943-20
 20 cm

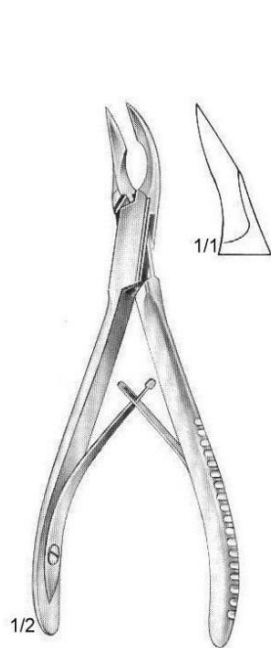


Liston
 13-946-14 - 13-947-22

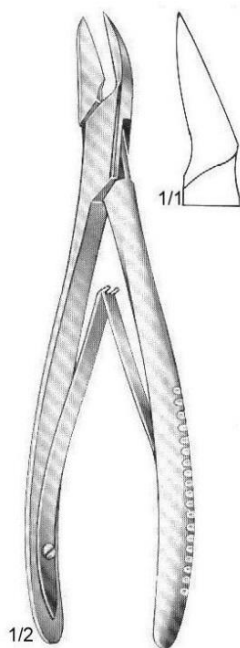


Littauer-Liston
 13-948-15
 15 cm

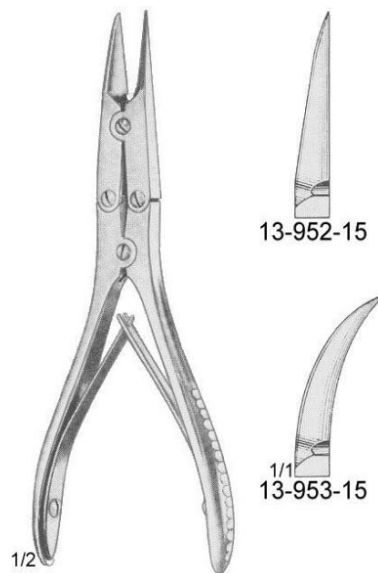
Bone Surgery - Knochenchirurgie - Cirugía ósea
 Bone Cutting Forceps
 Knochensplitterzangen
 Pinzas cortantes para huesos



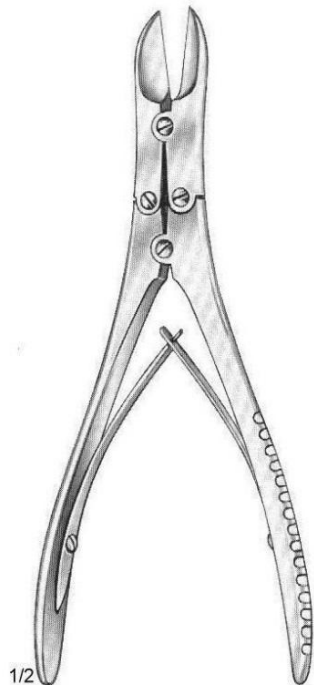
Cleveland
 13-951-15
 15 cm



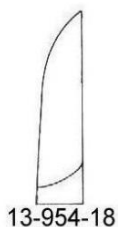
Cleveland
 13-951-17
 17 cm



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



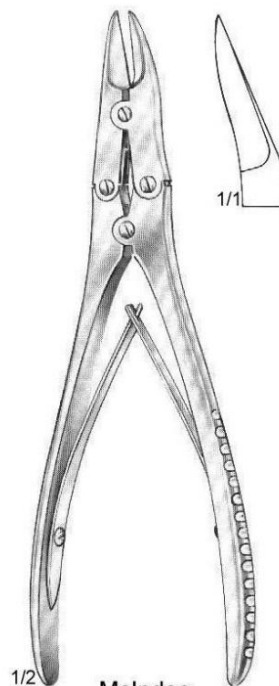
Ruskin-Liston
 13-954-18 - 13-955-18
 18 cm



13-954-18



1/1
 13-955-18

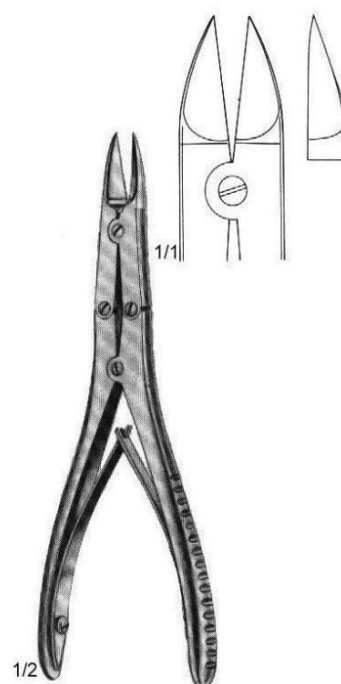


McIndoe
 13-957-17
 17.5 cm

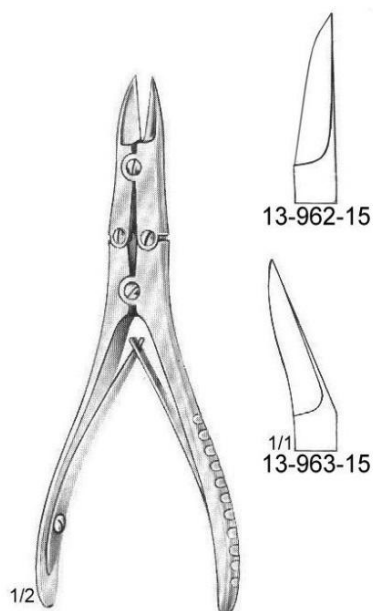
Bone Surgery - Knochenchirurgie - Cirugía ósea
Bone Cutting Forceps
Knochensplitterzangen
Pinzas cortantes para huesos



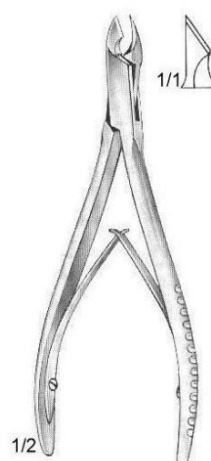
Bohler
13-960-15
15 cm



Bohler
13-961-15
15 cm

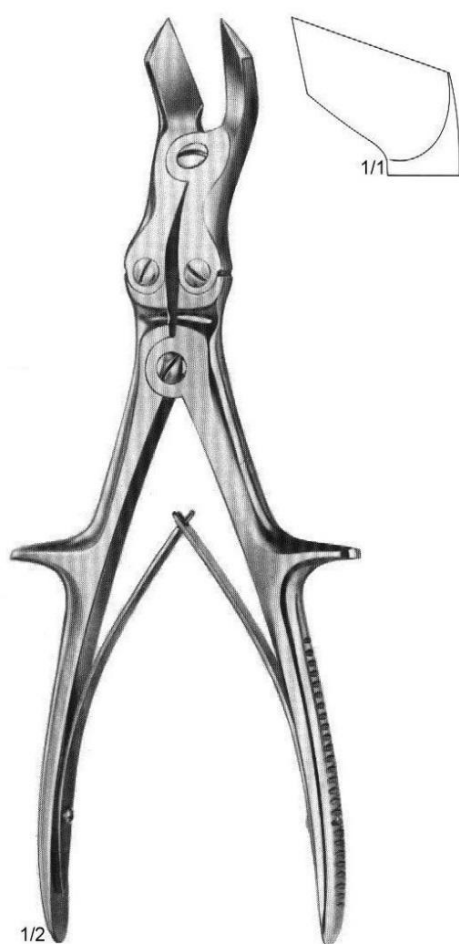


Walton-Liston
13-962-15 - 13-963-15
15 cm



13-965-12
12 cm

Bone Surgery - Knochenchirurgie - Cirugía ósea
Bone Cutting Forceps
Knochensplitterzangen
Pinzas cortantes para huesos



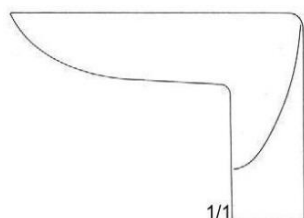
Liston-Key
13-972-27
27 cm

(Stille-Horsley)



Semb
13-973-24
24 cm

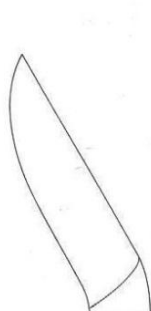
Bone Surgery - Knochenchirurgie - Cirugía ósea
Bone Cutting Forceps
Knochensplitterzangen
Pinzas cortantes para huesos



1/1



1/1
13-978-27



1/1
13-979-23



1/1
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
13-979-23 23 cm
13-979-27 27 cm

Bone Surgery - Knochenchirurgie - Cirugía ósea
Nail Instruments, Finger Ring Saws
Instrumente für Zehennägel, Fingerringssägen
Instrumentos para uñas, Sierras para abrir anillos



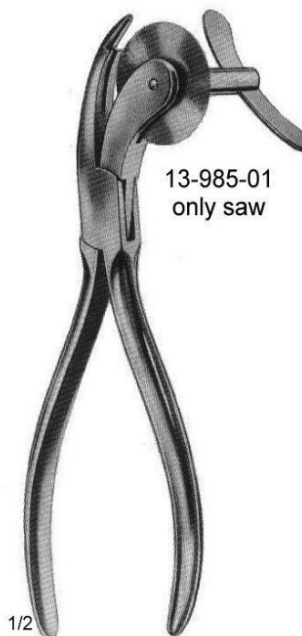
13-981-01
only saw

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



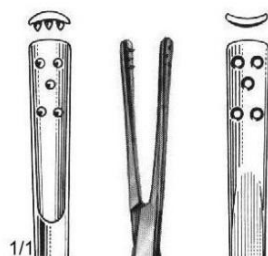
13-983-01
only saw

1/2
Walton
13-982-16
16 cm

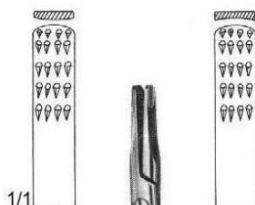


13-985-01
only saw

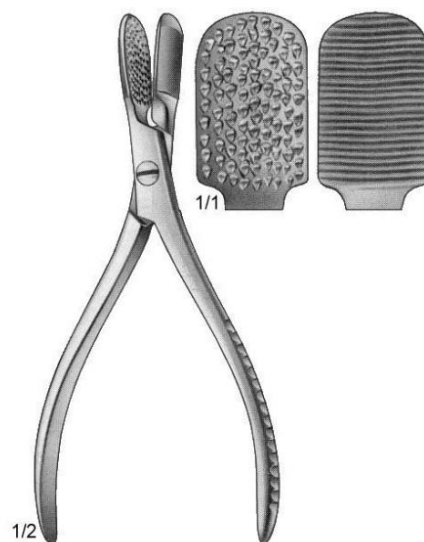
1/2
13-984-17
17 cm



1/2
Penner
13-986-15
15.5 cm

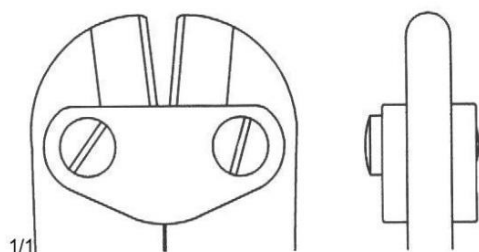


1/2
Radolf
13-988-13
13.5 cm

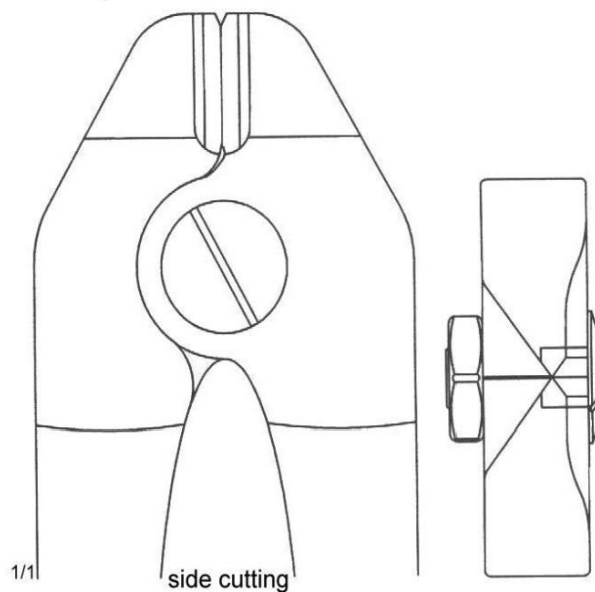


1/2
13-989-14
14.5 cm

Bone Surgery - Knochenchirurgie - Cirugía ósea
Wire Instruments
Drahtinstrumente
Instrumentos para alambre



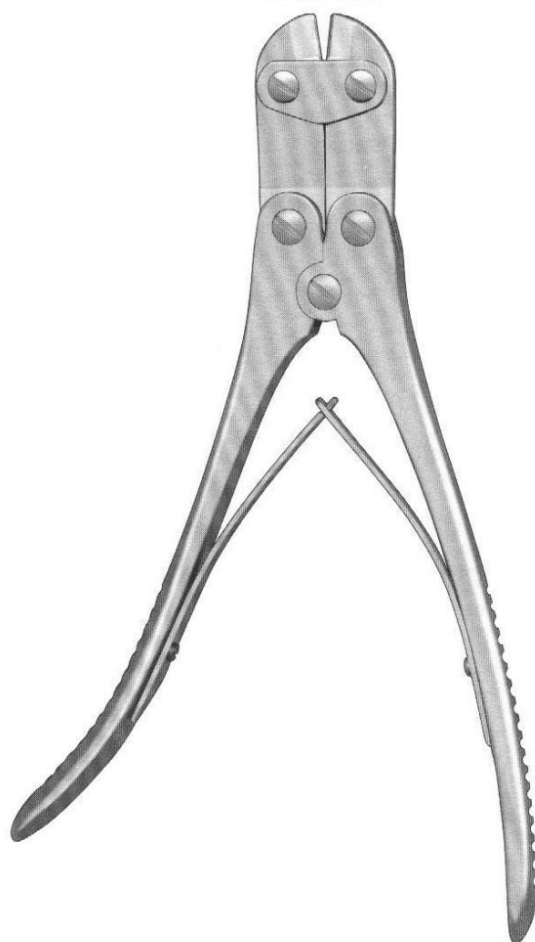
1/1



1/1

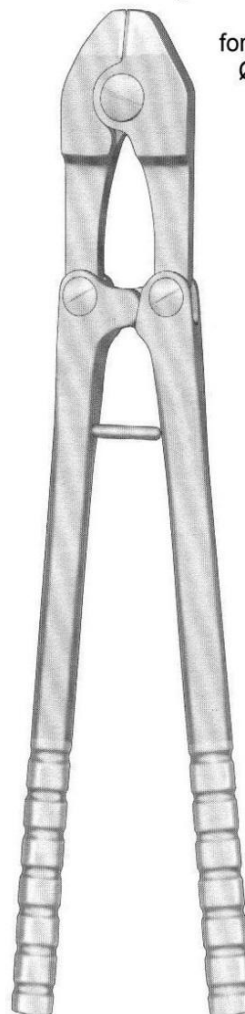
side cutting

for wires upto
Ø 3.2 mm



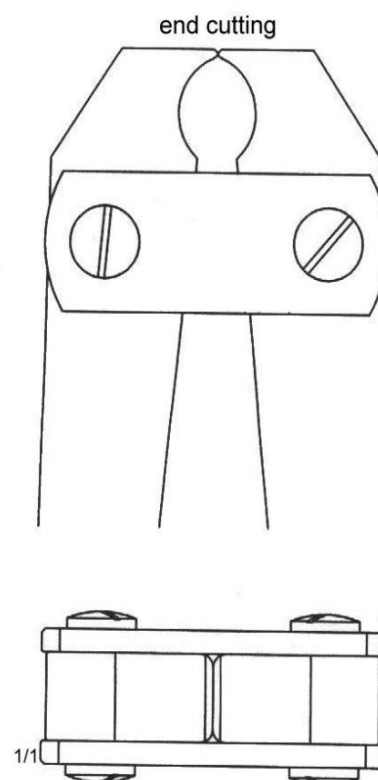
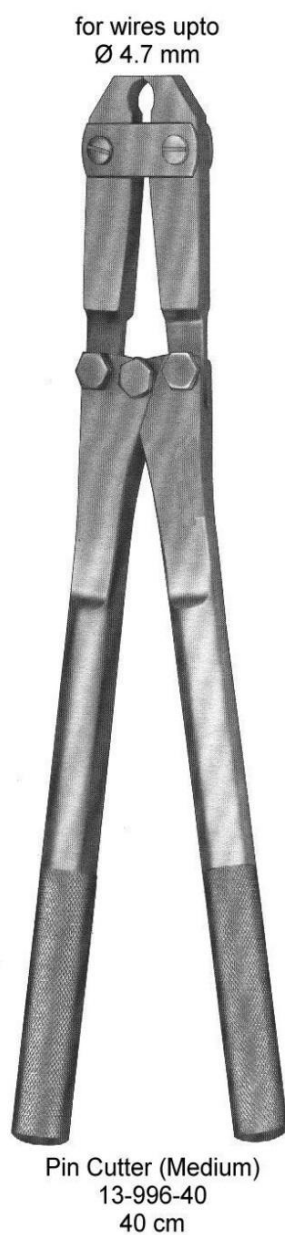
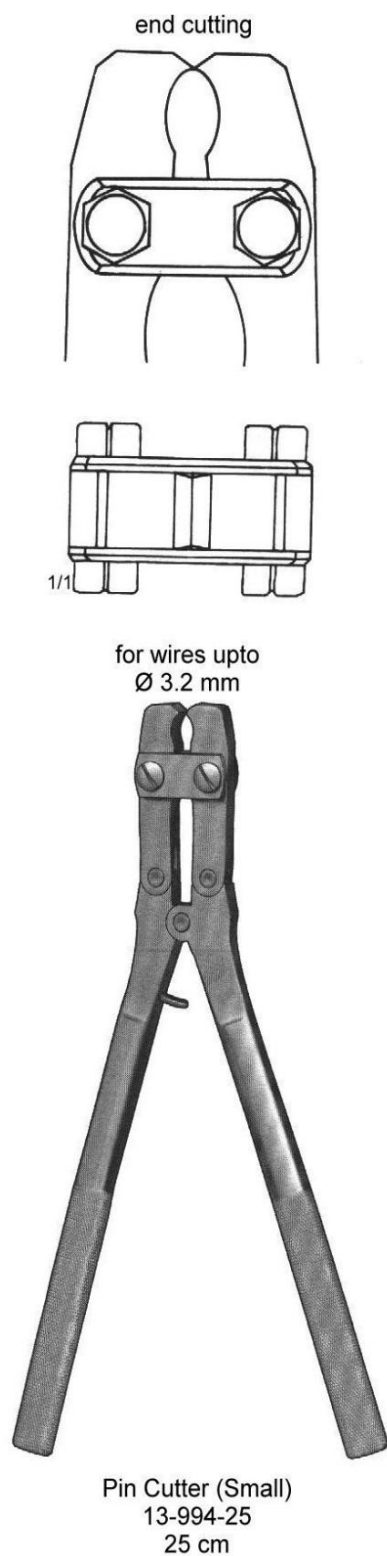
Pin Cutter Double Action
13-990-23
23 cm

for wires upto
Ø 4.0 mm



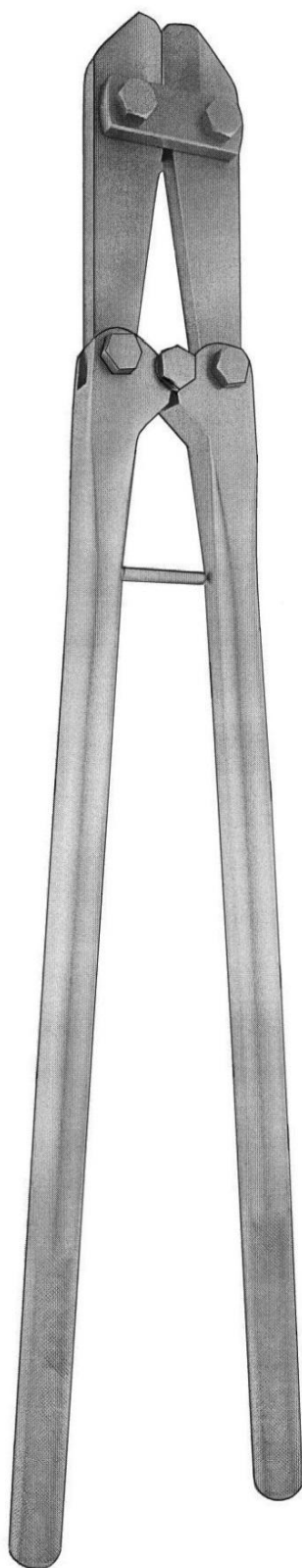
Side Pin Cutter - TC
13-992-37
37.5 cm

Bone Surgery - Knochenchirurgie - Cirugía ósea
Wire Instruments
Drahtinstrumente
Instrumentos para alambre





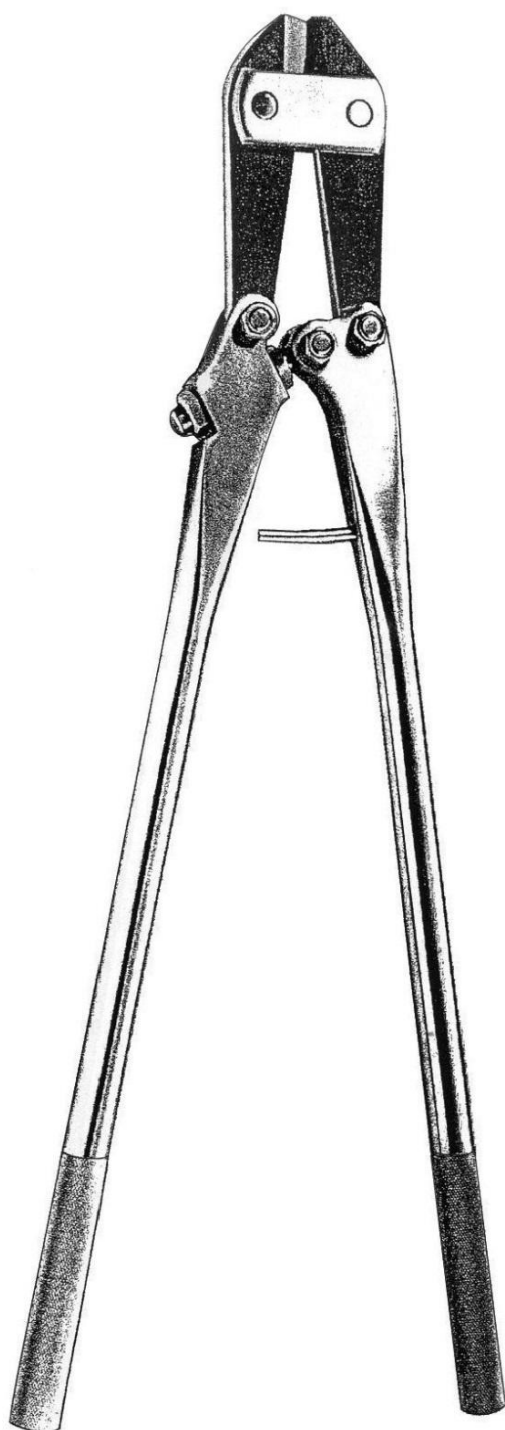
Bone Surgery - Knochenchirurgie - Cirugía ósea
Wire Instruments
Drahtinstrumente
Instrumentos para alambre



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

for wires upto
Ø 6.0 mm

Bone Surgery - Knochenchirurgie - Cirugía ósea
Wire Instruments
Drahtinstrumente
Instrumentos para alambre



		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

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

Orthopaedics - Orthopädic - Ortopedia
Tap & Drill Holders, Screw Drivers, Drill Bits
Handstücke, Schraubendreher, Spiralbohrer
Mangos para terrajas y toladores, Destornilladores, Broca



T - Handle
33-100-00



Handle For AO Attachment
33-110-00



Dental Handle
33-120-00



33-130-15
1.5 mm



33-130-25
2.5 mm



33-130-35
3.5 mm



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



AO	Ø mm
33-156-15	1.5
33-156-20	2.0
33-156-27	2.7
33-156-35	3.5
33-156-45	4.5
33-156-65	6.5

Orthopaedics - Orthopädic - Ortopedia
Bone Nailing Instruments
Instrumente zur Knochennogelung
Instrumentos para el endavamiento de huesos



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)

Orthopaedics - Orthopädic - Ortopedia
Bone Nailing Instruments
Instrumente zur Knochennogelung
Instrumentos para el endavamiento de huesos



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



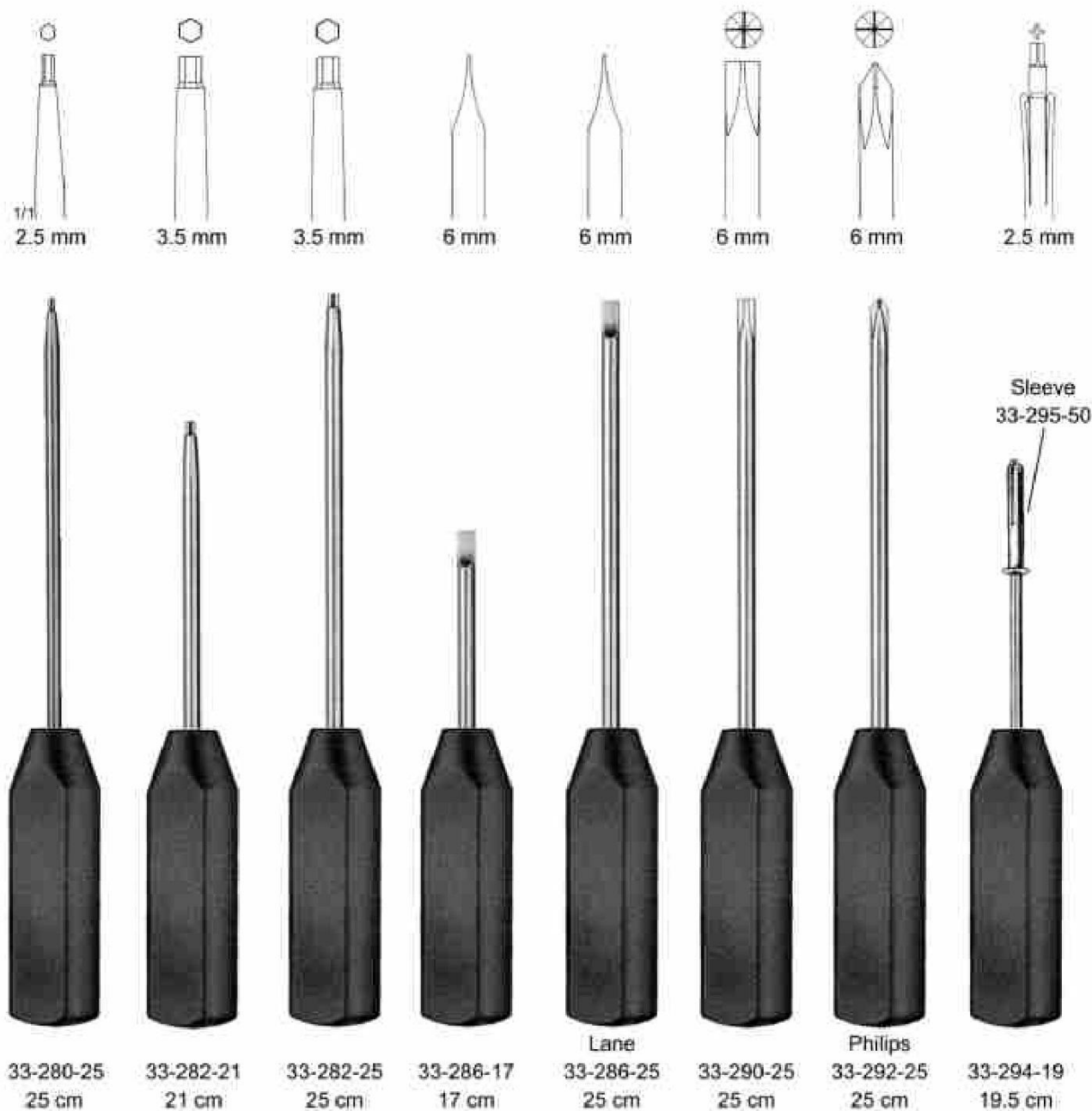
Slotted Hammer
33-210-30
30 cm



Lloyd Impactor
33-220-20
20 cm

Orthopaedics - Orthopädic - Ortopedia
Screw Drivers
Schraubendreher
Destornilladores

Handle from artificial wood





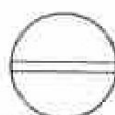
Orthopaedics - Orthopädic - Ortopedia
Screw Drivers
Schraubendreher
Destornilladores



Philips Head
33-300-01



Slotted Head
33-300-02



Single Head
33-300-03



Hexagonal Head
33-300-04



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

Orthopaedics - Orthopädic - Ortopedia
Instruments for Bone Plates & Screws
Instrumente für Knochenplatten und schrauben
Instrumentos para placas y tornillos para huesos



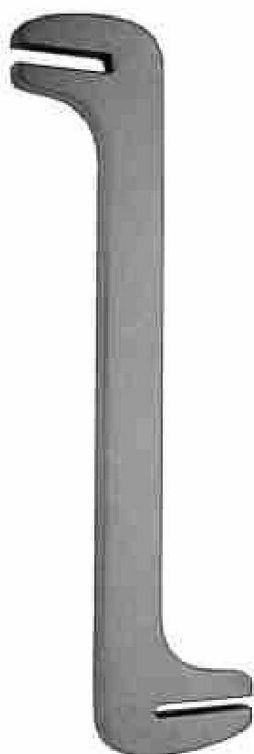
Holding Forcep For Small Plates
 33-360-12
 12 cm



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

Orthopaedics - Orthopädic - Ortopedia
Instruments for Bone Plates, Tap & Screw Drivers
 Instrumente für Knochenplatten, Gewindescheider, schraubendreher
 Instrumentos para placas o'seas Terrajas y destornilladores



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

Orthopaedics - Orthopädic - Ortopedia
Osteosynthesis Instruments, Counter Sinks
Instrumente zur Osteosynthese, Kopfraumfräser
Instrumentos para osteosintesis, Avellanadores



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

Orthopaedics - Orthopädic - Ortopedia
Osteosynthesis Instruments, Depth Guages
Instrumente zur Osteosynthese, Tiefenmessgeräte
Instrumentos para osteosíntesis, Medidores de profundidad



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

Orthopaedics - Orthopädic - Ortopedia
Osteosynthesis Instruments
Instrumente zur Osteosynthese
Instrumentos para osteosintesis



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

Orthopaedics - Orthopädic - Ortopedia

Osteosynthesis Instruments, Double & Universal Drill Guides

Instrumente zur Osteosynthese, Doppel und Universal-Bohrbüchsen

Instrumentos para osteosíntesis, Guías de brocas doblas y universales



Drill Sleeve For Tension Device

33-760-32

Ø 3.2 mm



40 mm

Drill Guide For Round Hole Plates For Drill Bits

33-764-40

Ø 3.2 mm



60 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

Orthopaedics - Orthopädic - Ortopedia
Compression Devices, Socket & Combination Wrenches
Platten Spanner, Schraubenschlüssel
Compresores de places, Llaves para tuercas



Hub
33-800-20
20 mm



Ø 4.5 mm

Pin Wrench
33-804-12
12 cm



Spanner
33-810-11
11 mm



33-816-11
11 mm

Orthopaedics - Orthopädic - Ortopedia
 Drill Guides, Wire Instruments
 Bohrbüchsen, Instrumente für Draht
 Guías de broca, Instrumentos para alambre



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

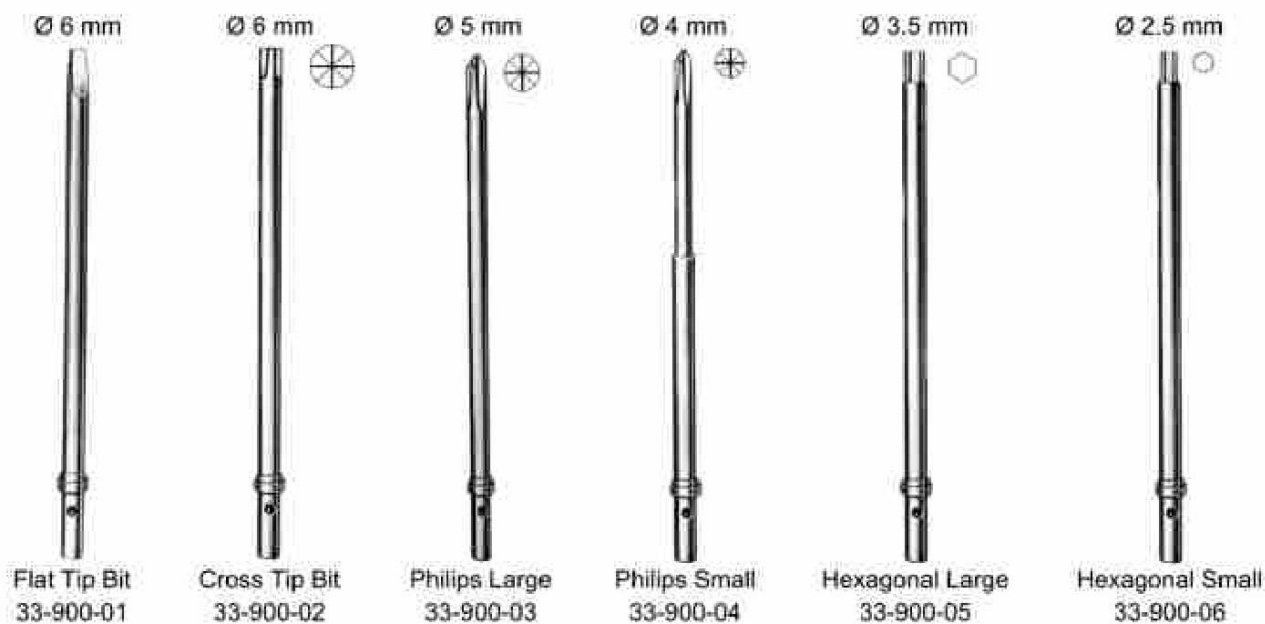


Wire Tightner
 33-870-02



Bending Iron For Wire Drills
 33-880-00

Orthopaedics - Orthopädic - Ortopedia
Screw Driver with Interchangeable Blades
Schraubendreher mit auswechselbaren Klingen
Destornillador con hojas intercambiables



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

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

Orthopaedics - Orthopädic - Ortopedia
Instruments for Dynamic Hip Screws
Instrumente für Dynamische Hüftschrauben
Instrumentos para tornillos dinámicos femorales

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



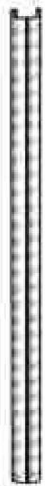
Short
Guide Sleeve
33-950-06



Long
Guide Sleeve
33-950-07



Orthopaedics - Orthopädic - Ortopedia
Instruments for Dynamic Hip Screws
Instrumente für Dynamische Hüftschrauben
Instrumentos para tornillos dinámicos femorales



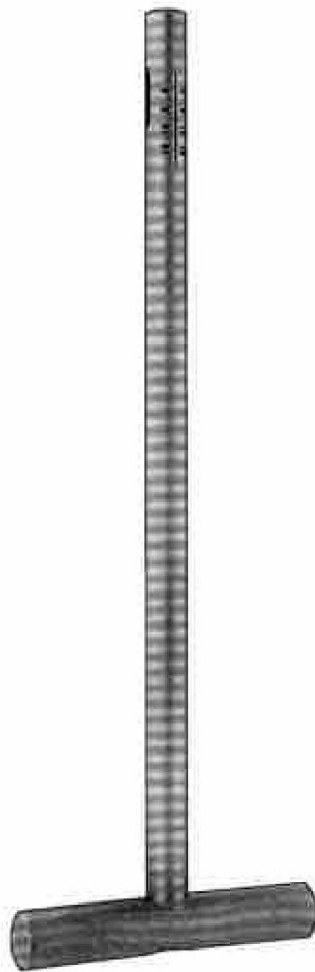
Guide Shaft
33-950-08



Guide Shaft
33-950-09



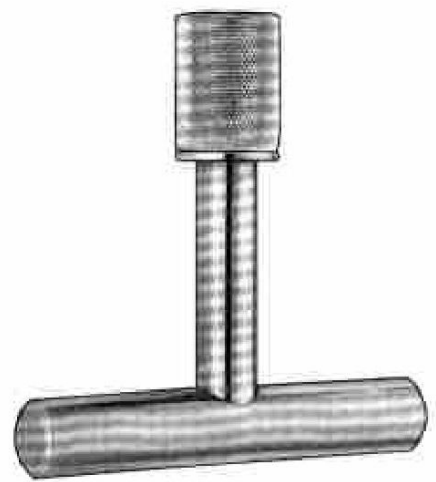
Coupling Screw
33-950-10



Wrench
33-950-11



Impactor
33-950-12



T-Handle
33-950-13



Orthopaedics - Orthopädic - Ortopedia
Optional Instruments
Optionale Instrumente
Instrumentos opcionales

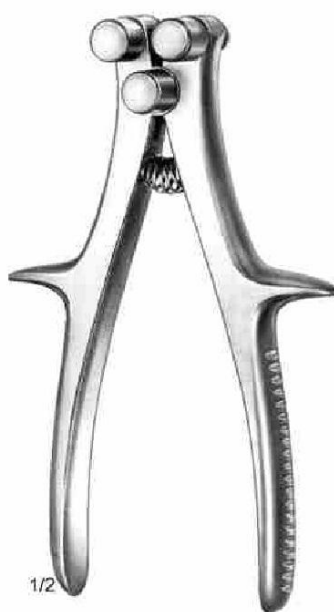


Plate Bending Plier
33-970-16
16 cm