

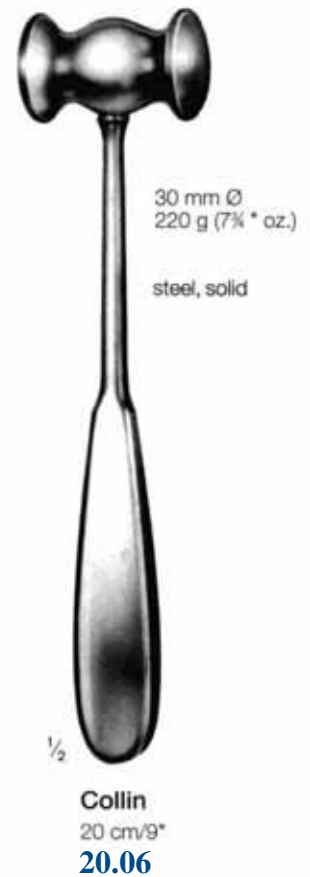
# General Orthopedics Surgical Instruments



ORTHOPEDIC  
**CATALOGUE**

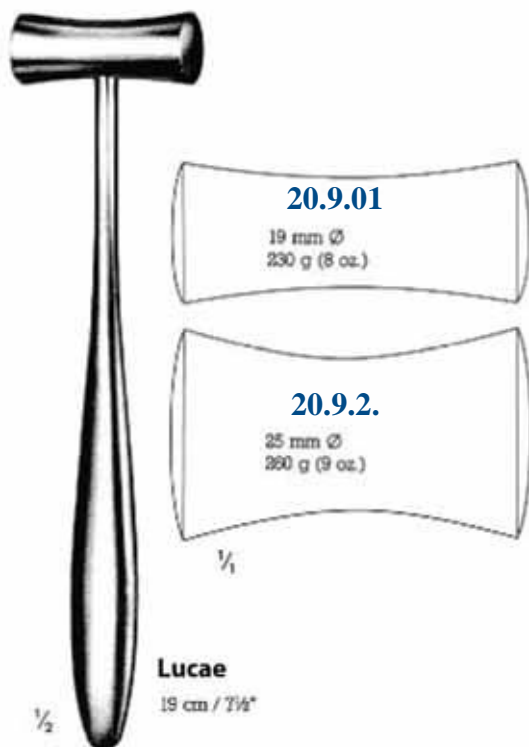
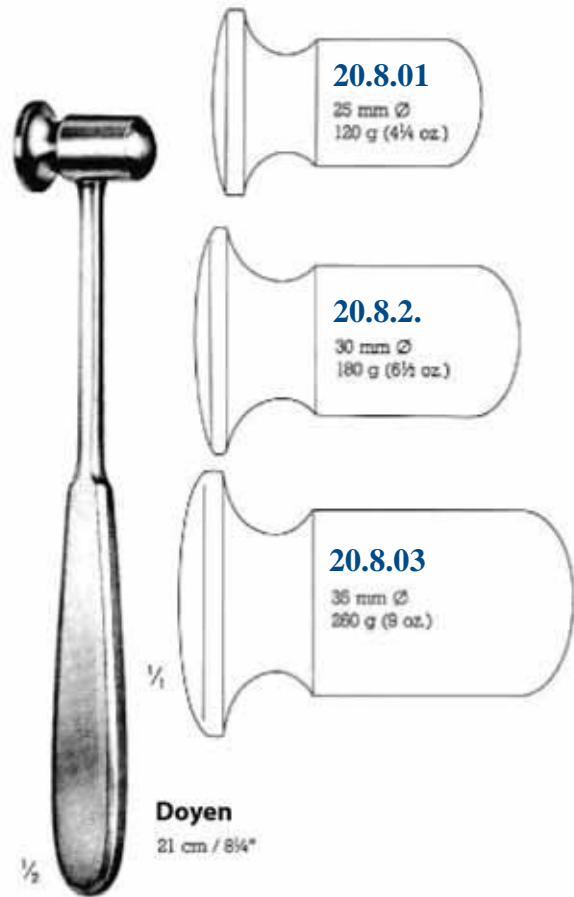
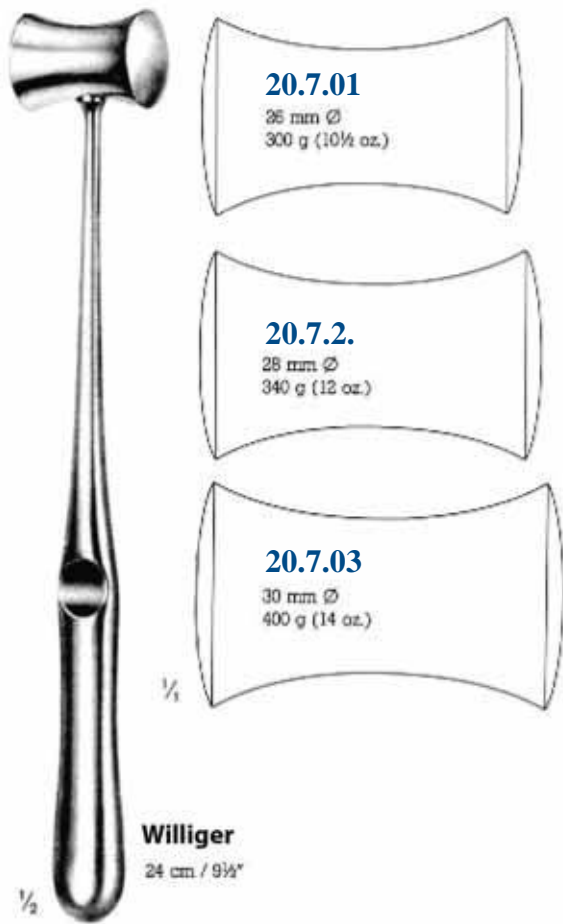
# General Orthopedics Surgical Instruments

## Mallets



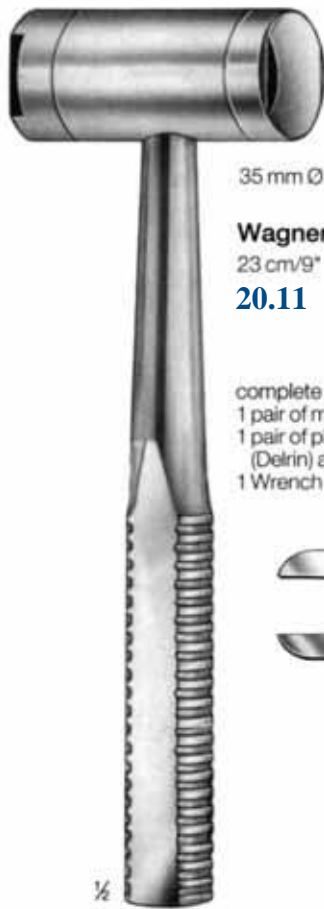
# General Orthopedics Surgical Instruments

## Mallets



# General Orthopedics Surgical Instruments

## Mallets



35 mm Ø

**Wagner**  
23 cm/9"  
**20.11**

complete with  
1 pair of metal disks  
1 pair of plastic disks  
(Delrin) and  
1 Wrench



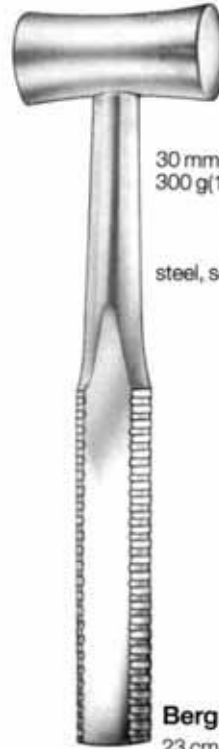
9 Metall / metal Ø mm  
230 **20.12** 35



g Plastic Ø mm  
32 **20.13** 35



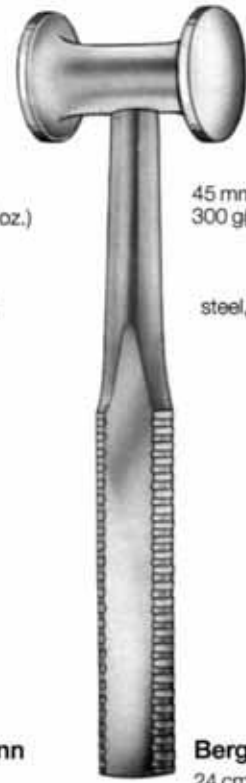
Wrench  
**20.14**



30 mm Ø  
300 g (10 1/2 oz.)

steel, solid

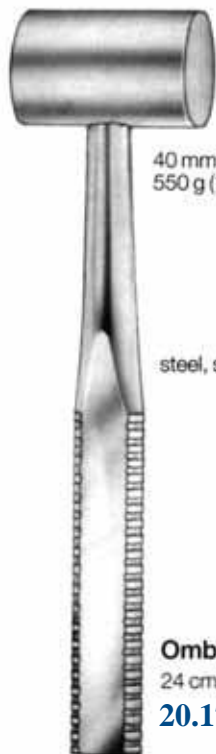
**Bergmann**  
23 cm/9"  
**20.15**



45 mm Ø  
300 g (10 1/2 oz.)

steel, solid

**Bergmann**  
24 cm/9"  
**20.16**



40 mm Ø  
550 g (19 1/2 oz.)

steel, solid

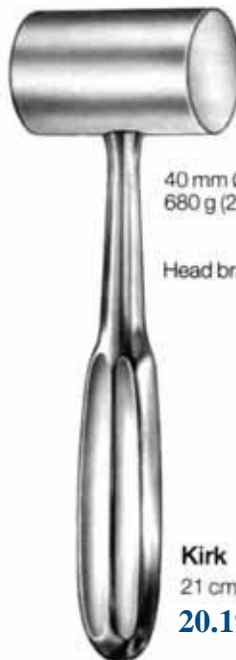
**Ombredanne**  
24 cm/9 1/2"  
**20.17**



30 mm Ø  
250 g (9 oz.)

Lead filled head

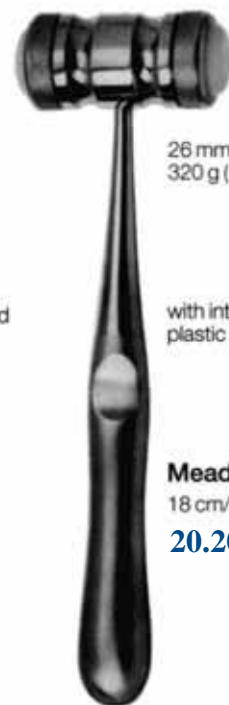
**Gerzog**  
19,5 cm/7 3/4"  
**20.18**



40 mm Ø  
680 g (24 oz.)

Head brass, solid

**Kirk**  
21 cm/8 1/4"  
**20.19**



26 mm Ø  
320 g (11 1/2 oz.)

with interchangeable  
plastic disks (Delrin)

**Mead**  
18 cm/7"  
**20.20**

# General Orthopedics Surgical Instruments

## Mallets



# General Orthopedics Surgical Instruments

## Mallets



24 cm, 9½"  
480 g

**20.24**



26,5 cm, 10½"  
510 g

**20.25**



26 cm 10½"  
510 g

**20.26**



26,5 cm, 10½"  
450 g

**20.27.01**

26,5 cm, 10½"  
900 g

**20.27.2.**



390 g Ø 32 mm  
**20.28.01**

540 g Ø 35 mm  
**20.28.2.**

740 g Ø 40 mm  
**20.28.03**

24 cm, 9½"

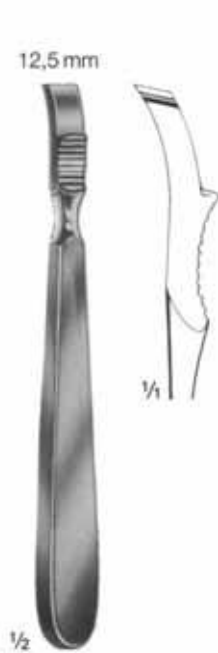
# General Orthopedics Surgical Instruments

## Raspatories



Farabeuf  
15 cm/6"

**20.34**



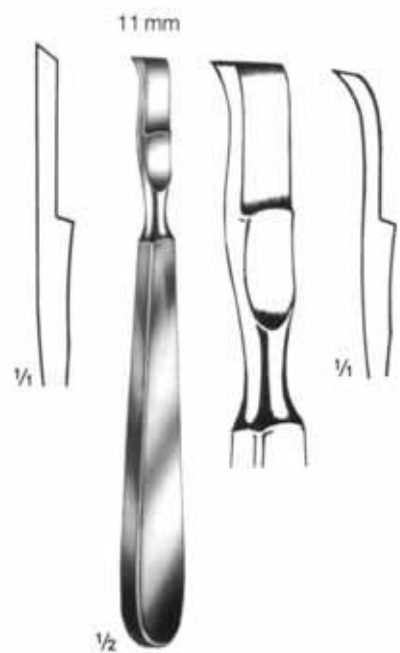
Farabeuf  
15 cm/6"

**20.35**



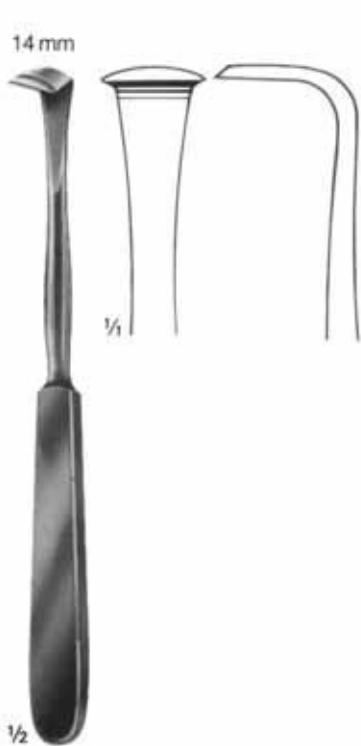
Farabeuf-Collin  
15,5 cm/6 1/4"

**20.36**



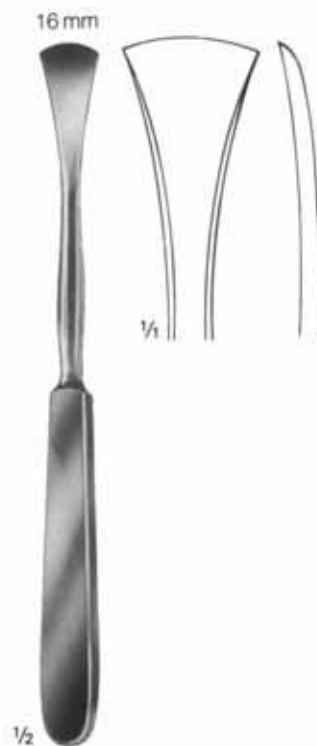
Farabeuf-Collin  
15,5 cm/6 1/4"

**20.37**



Langenbeck  
18 cm/7"

**20.38**



Langenbeck  
19 cm/7 1/2"

**20.39**



Lambotte  
21 cm/8 1/4"

5 mm	<b>20.40.01</b>
10 mm	<b>20.40.02.</b>
15 mm	<b>20.40.03</b>
20 mm	<b>20.40.04</b>
25 mm	<b>20.40.05</b>

# General Orthopedics Surgical Instruments

## Raspatories with ferrozell-handle



1/2  
19 cm/7 1/2\*  
**20.41**



1/2  
18,5 cm/7 1/4\*  
**20.42**



1/2  
18,5 cm/7 1/4\*  
**20.43**



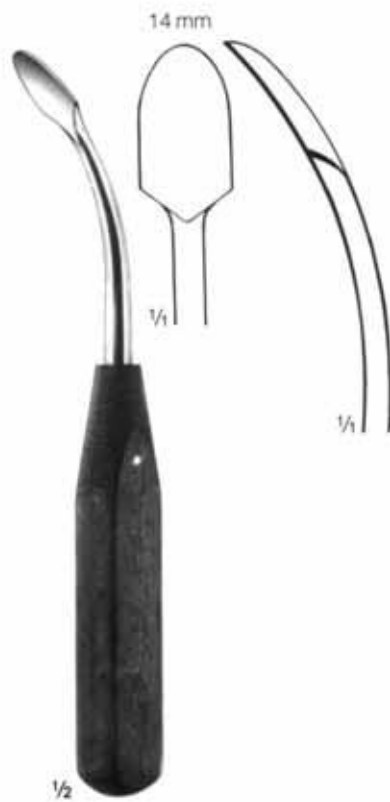
1/2  
18,5 cm/7 1/4\*  
**20.44**



1/2  
18,5 cm/7 1/4\*  
**20.45**



1/2  
19,5 cm/7 3/4\*  
**20.46**



1/2  
18,5 cm/7 1/4\*  
**20.47**



1/2  
20 cm/8\*  
**20.48**



# General Orthopedics Surgical Instruments

## Raspatories



**Matson**  
22 cm/8 3/4"  
**20.49**

**Doyen**  
17 cm/6 3/4"  
**20.50.01**  
**20.50.2.**

**Doyen**  
17 cm/6 3/4"  
**20.51.01**  
**20.51.2.**

**20.52.01**  
**20.52.02.**

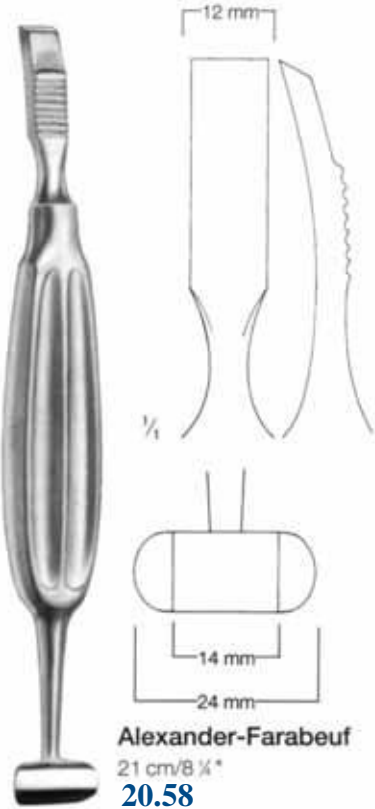
**20.53.01**  
**20.53.02.**

**20.54**

**20.55**

**Doyen**  
24 cm/9 1/2"  
**20.56**

**Doyen**  
24 cm/9 1/2"  
**20.57**



**Alexander-Farabeuf**  
21 cm/8 1/4"  
**20.58**



**Semb**  
1/2  
19,5 cm/7 1/2"  
**20.59**

1/2  
21 cm/8 1/4"  
**20.60**

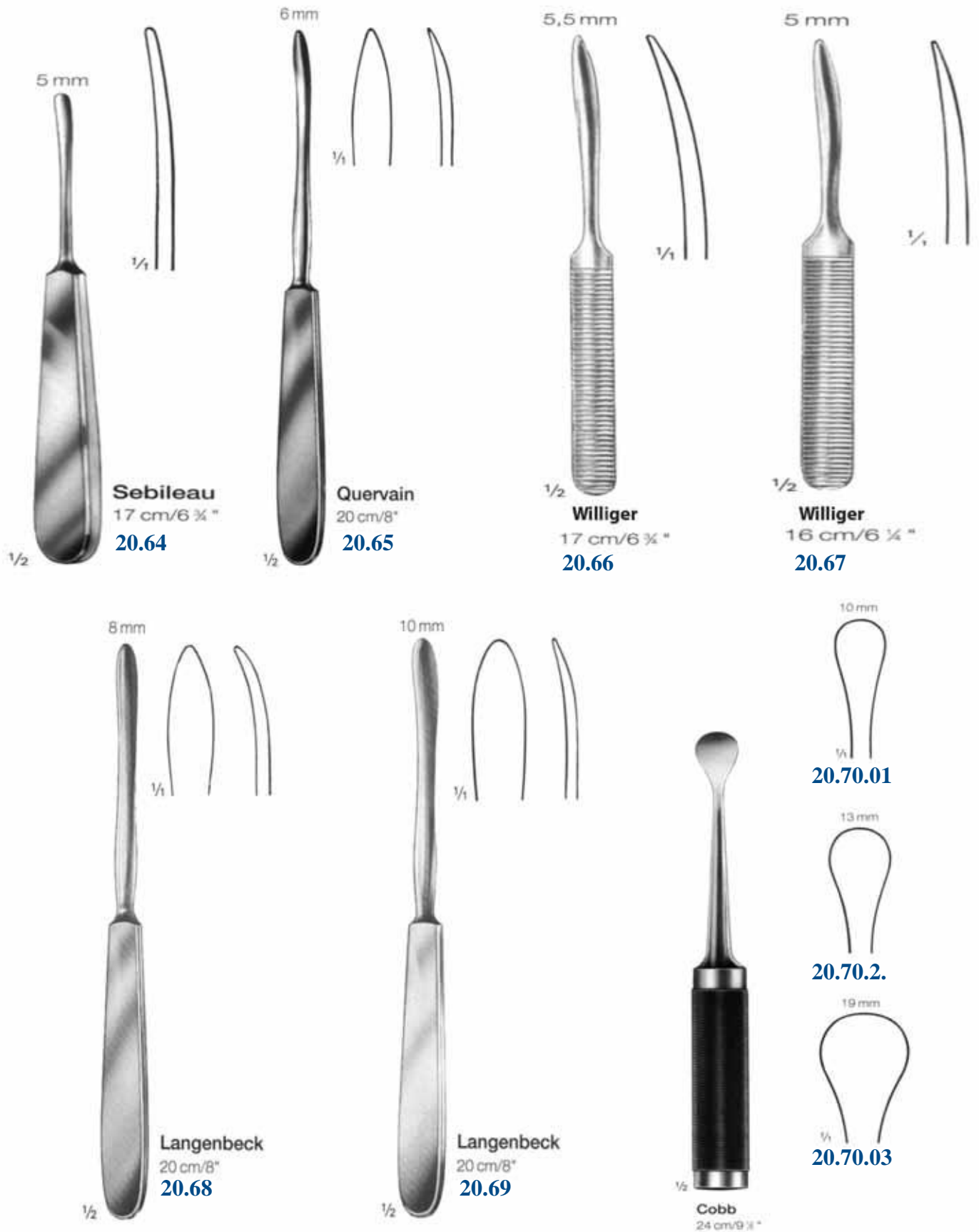
1/2  
22 cm/8 3/4"  
**20.61**

1/2  
21,5 cm/8 1/2"  
**20.62**

1/2  
22 cm/8 3/4"  
**20.63**

# General Orthopedics Surgical Instruments

## Elevators

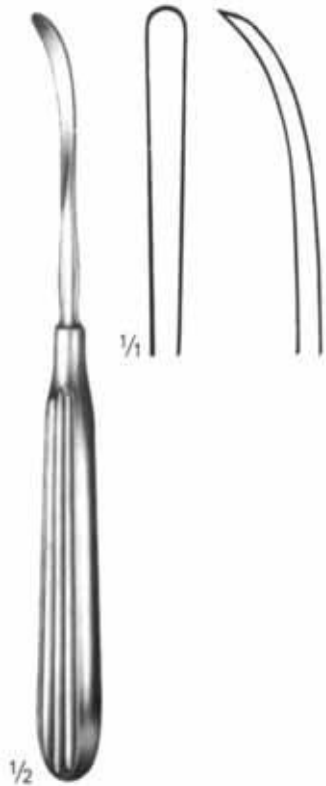


# General Orthopedics Surgical Instruments

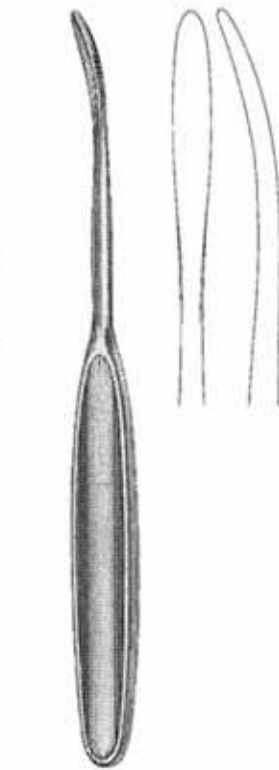
## Dissectors, Elevators



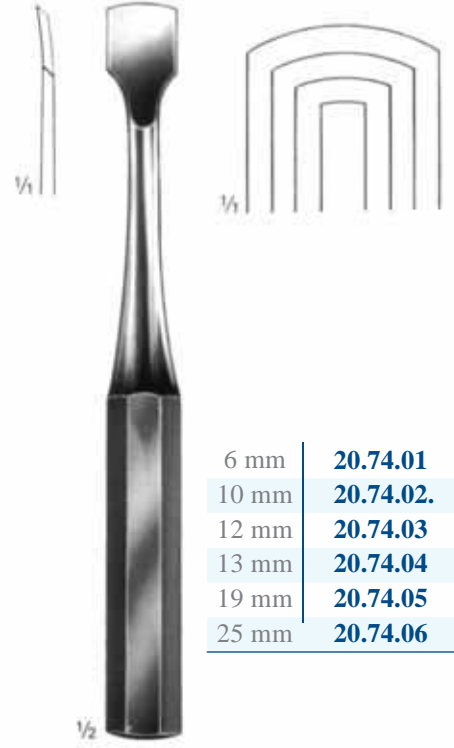
**Bristow**  
18 cm/7\*  
**20.71**



$\frac{1}{2}$   
**Joker**  
16 cm/6  $\frac{1}{4}$ \*  
**20.72**



**Cushing littlejoker**  
19 cm/7  $\frac{1}{2}$ \*  
**20.73**



$\frac{1}{2}$   
**Key**  
19 cm/7  $\frac{1}{2}$ \*  

6 mm	<b>20.74.01</b>
10 mm	<b>20.74.02.</b>
12 mm	<b>20.74.03</b>
13 mm	<b>20.74.04</b>
19 mm	<b>20.74.05</b>
25 mm	<b>20.74.06</b>



**Watson - Cheyne**  
17,5 cm/7\*  
**20.75**



$\frac{1}{2}$   
**McDonald**  
19 cm/7  $\frac{1}{2}$ \*  
**20.76**



**HOEN**

16 cm / 7 mm  
**20.77.01**

19 cm / 15 mm  
**20.77.02.**

19 cm / 20 mm  
**20.77.03**



$\frac{1}{2}$   $\frac{1}{4}$   
**Alderdyce**  
21 cm/8  $\frac{1}{2}$ \*  
**20.78**

# General Orthopedics Surgical Instruments

## Periosteal Elevators



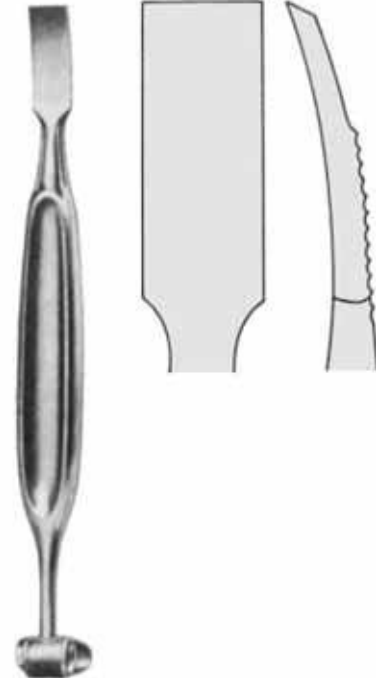
**Semb**  
20.5cm/8"



**20.79**



**20.80**



16.0cm/6 1/4" **Alexander** 20.0cm/8"  
**20.81** **20.82**



**Overholt**  
29.5cm/11 1/2"  
**20.83**



**Overholt**  
29.5cm/11 1/2"  
**20.84**



**Overholt**  
29.5cm/11 1/2"  
**20.85**

# General Orthopedics Surgical Instruments

## Bone Surgery, Orthopedics

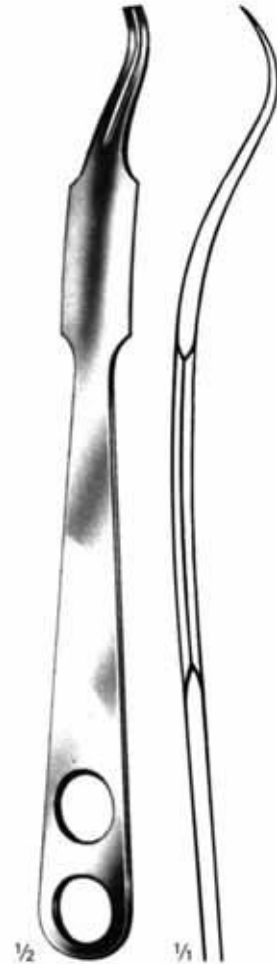
24 mm



26.5 cm/10 1/2\*

**20.86**

22 mm



**Lange-Hohmann**

26 cm/10 1/4\*

**20.87**

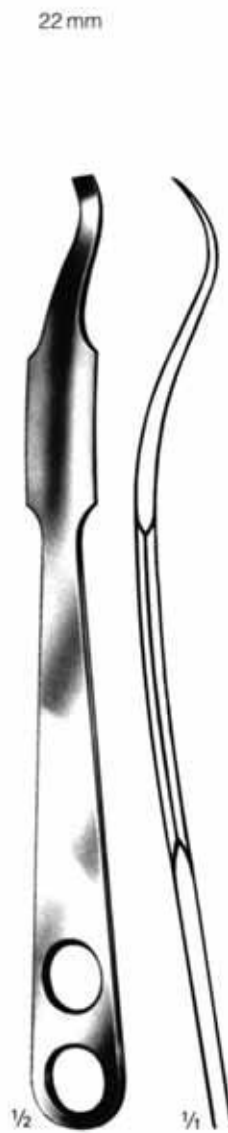
# General Orthopedics Surgical Instruments

## Bone Surgery, Orthopedics



**Hohmann**  
24,5 cm/9 3/4"

**20.88**



**Hohmann**  
26 cm/10 1/4"

**20.89**

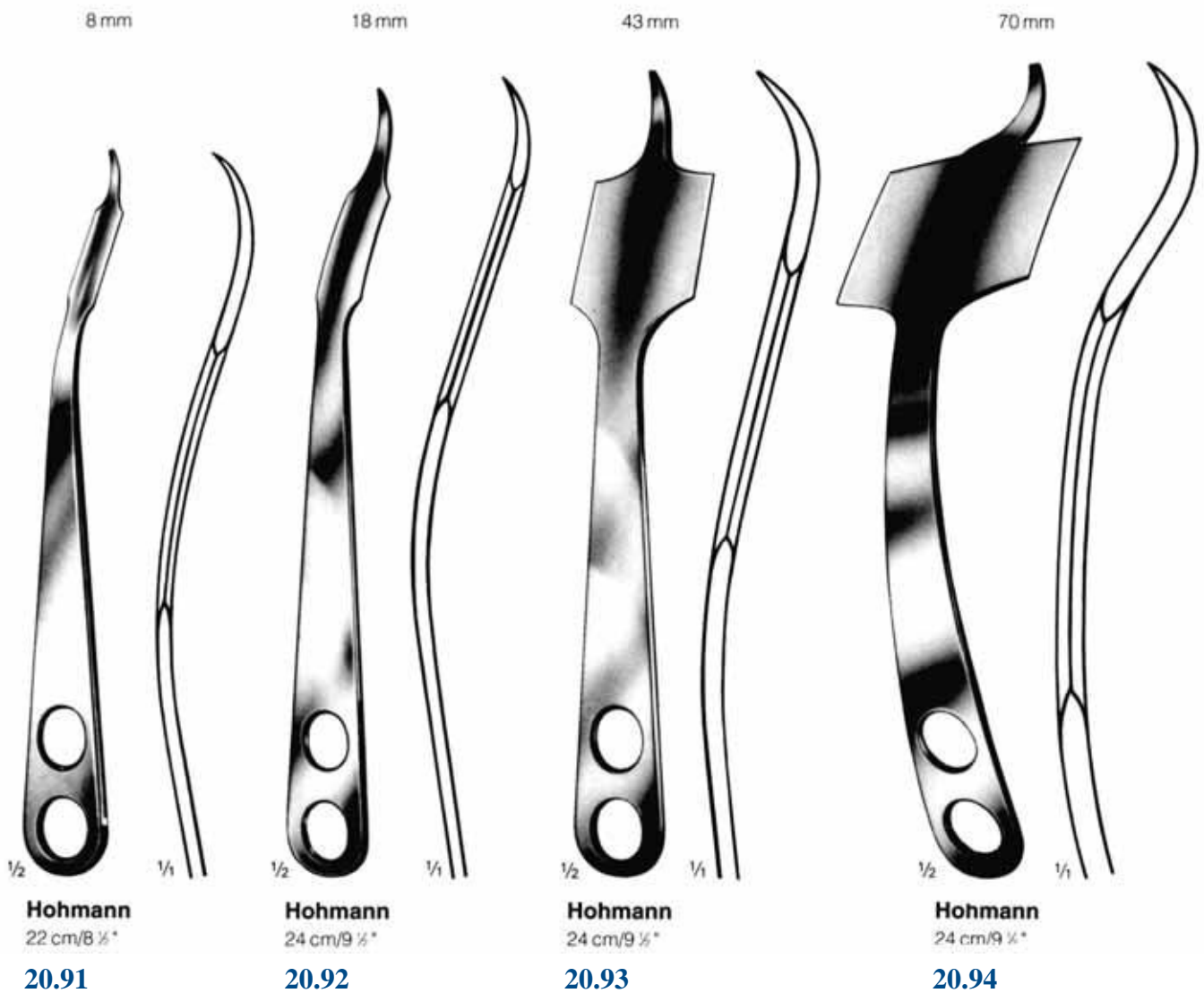


**Hohmann**  
28 cm/11"

**20.90**

# General Orthopedics Surgical Instruments

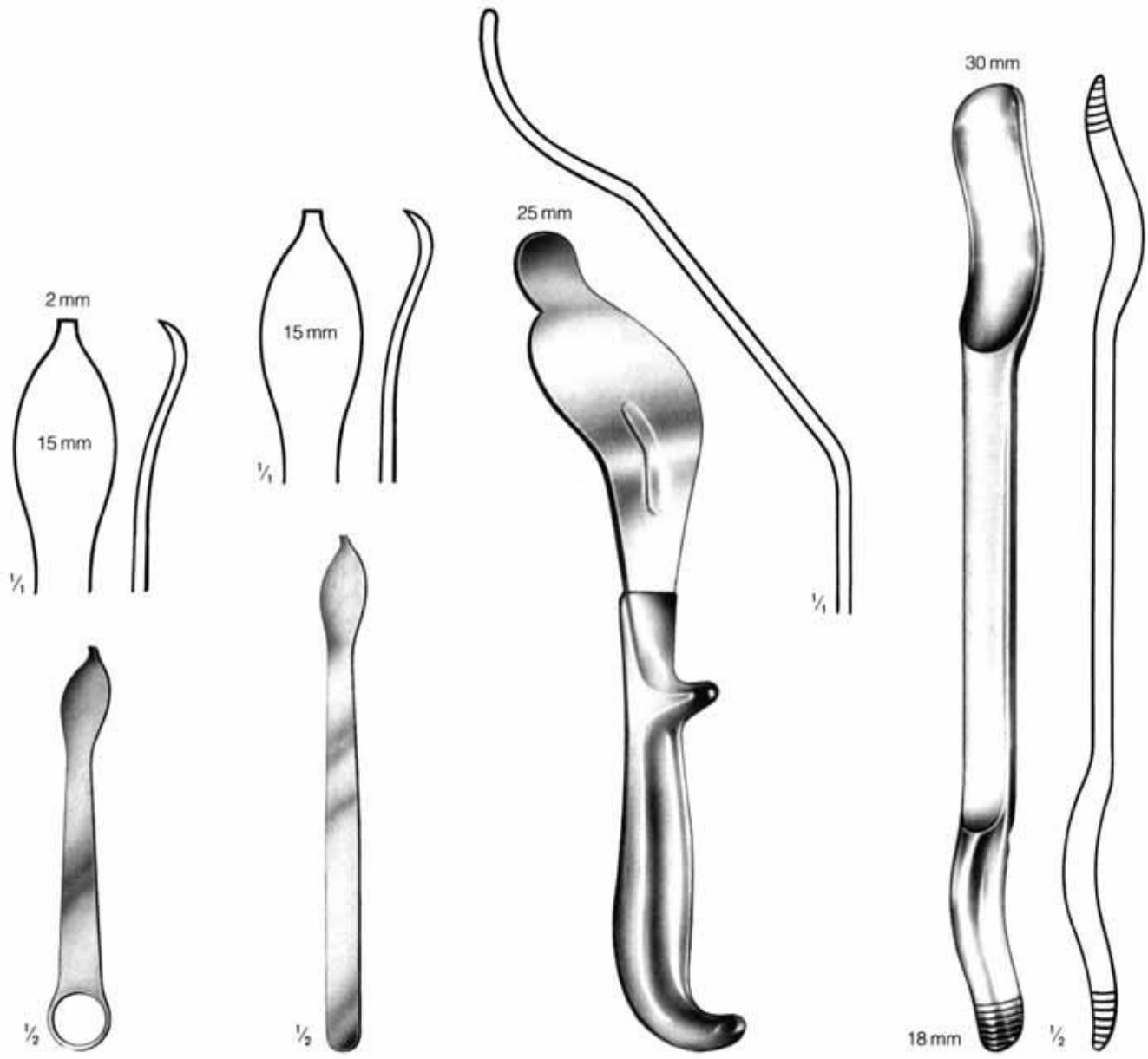
## Bone Surgery, Orthopedics



# General Orthopedics Surgical Instruments

## Bone Surgery, Orthopedics

Luxation Lever (Bone Skid)



12 cm/4 3/4"

**20.95**

16 cm/6 1/4"

**20.96**

**Bennett (Tibia)**

24,5 cm/9 3/4"

45 mm | **20.97.01**

60 mm | **20.97.02.**

**Murphy-Lane**

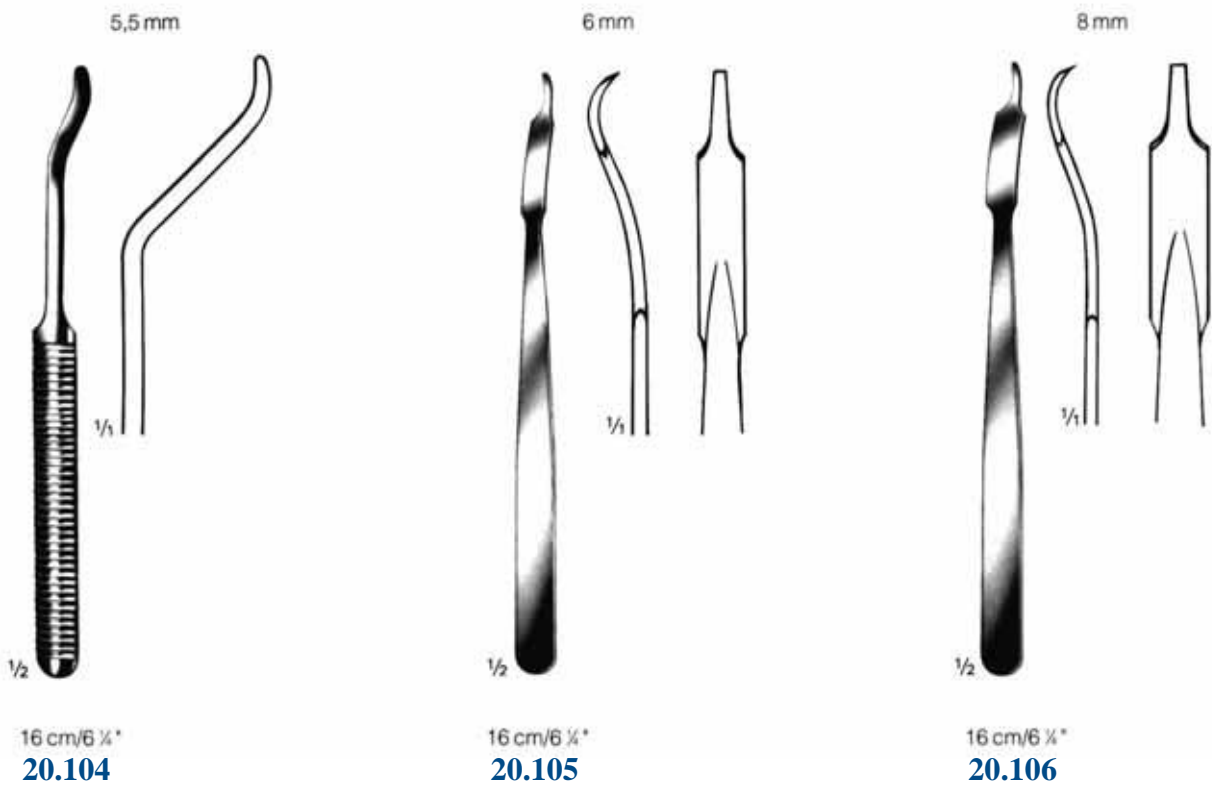
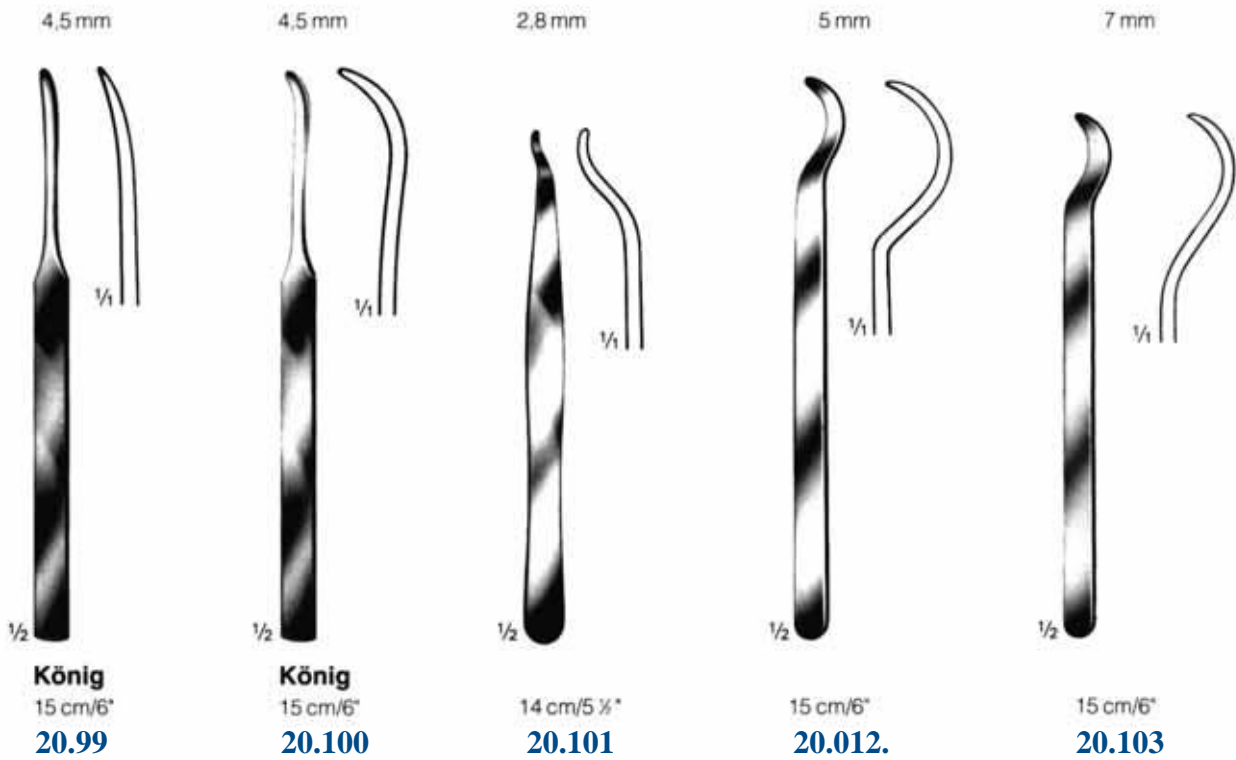
29,5 cm/11 1/2"

**20.98**



# General Orthopedics Surgical Instruments

## Bone Surgery, Orthopedics



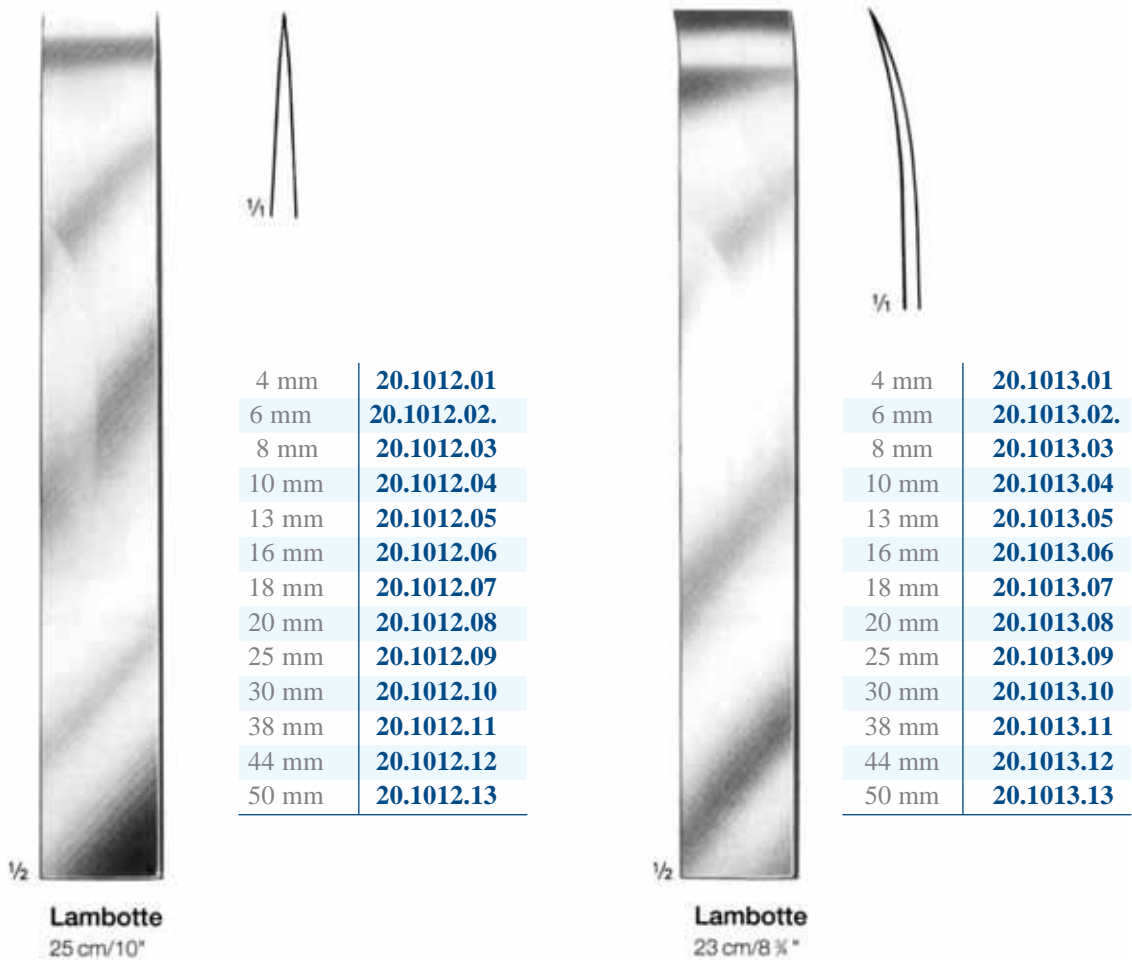
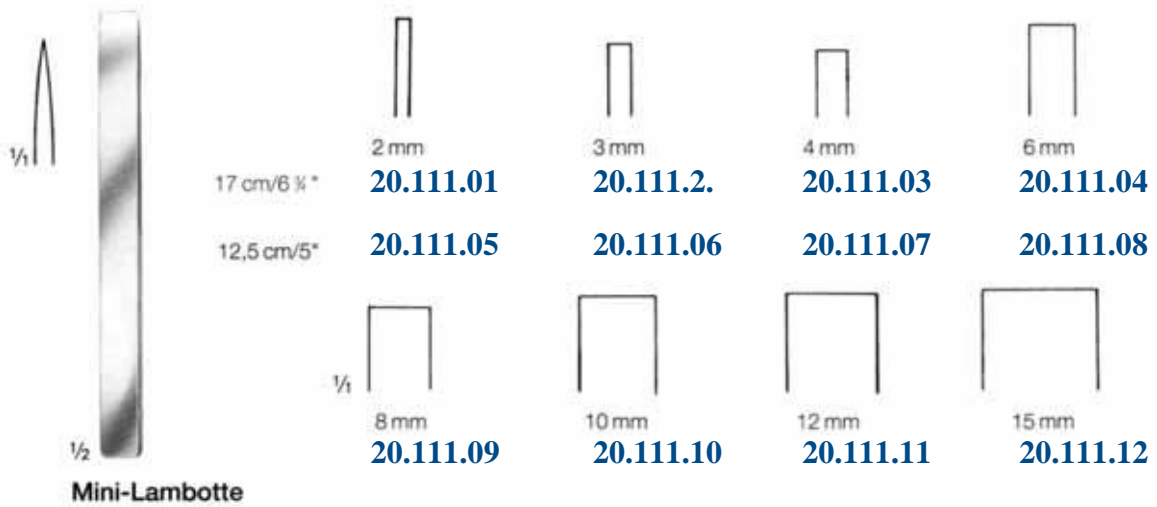
# General Orthopedics Surgical Instruments

## Bone files



# General Orthopedics Surgical Instruments

## Osteotomes



# General Orthopedics Surgical Instruments

## Bone Chisels and Gouges

Chisel with Interchangeable blades



Handle  
20.114



mm  
5/45 20.120.01  
10/45 20.120.2.  
16/45 20.120.03  
25/45 20.120.04



mm  
25/78 20.122.0



Key  
20.117

Interchangeable blades



fig.1  
20.118

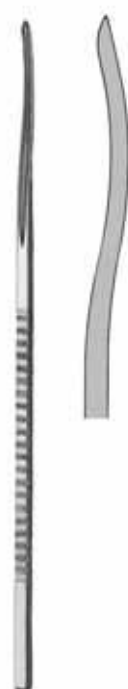


fig.2  
20.119

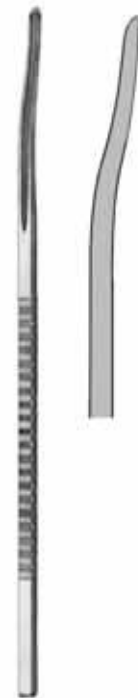


fig.3  
20.120

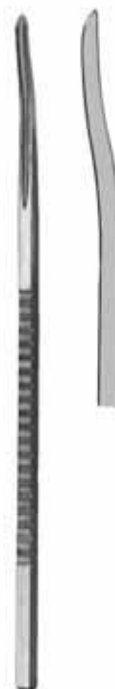


fig.4  
20.121



Hoke  
mm 17.0cm/6<sup>3</sup>/<sub>4</sub>"  
3.0 20.122.01  
5.0 20.122.2.  
6.0 20.122.03  
8.0 20.122.04  
9.0 20.122.05

Buck Gramcko  
13.5cm/5<sup>1</sup>/<sub>2</sub>"  
3.4mm

# General Orthopedics Surgical Instruments

## Hemostats, Chisels, Gouges, Osteotomes



2 mm	20.123.01	3 mm	20.123.2.
4 mm	20.123.03	5 mm	20.123.04
6 mm	20.123.05	8 mm	20.123.06
10 mm	20.123.07		



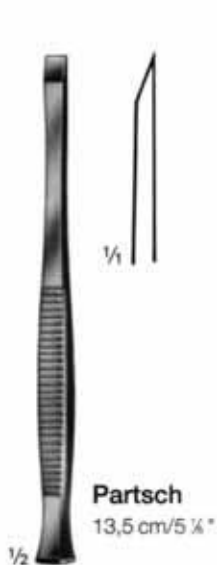
2 mm	15.124.01
4 mm	15.124.2.
6 mm	15.124.03
8 mm	15.124.04
10 mm	15.124.05
12 mm	15.124.06
14 mm	15.124.07
16 mm	15.124.08



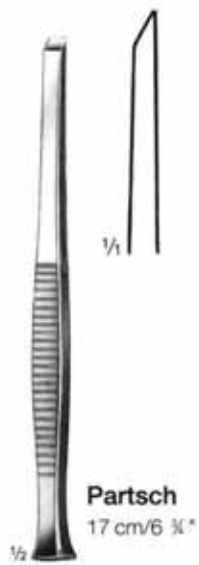
4 mm	20.125.01
6 mm	20.125.2.
8 mm	20.125.03
10 mm	20.125.04
12 mm	20.125.05
14 mm	20.125.06
16 mm	20.125.07



4 mm	15126.01
6 mm	20.126.2.
8 mm	20.126.03
10 mm	20.126.04
12 mm	20.126.05
14 mm	20.126.06
16 mm	20.126.07



2 mm	20.127.01
3 mm	20.127.2.
4 mm	20.127.03
5 mm	20.127.04
6 mm	20.127.05
7 mm	20.127.06
8 mm	20.127.07
10 mm	20.127.08
12 mm	20.127.09



2 mm	20.128.01
3 mm	20.128.2.
4 mm	20.128.03
5 mm	20.128.04
6 mm	20.128.05
7 mm	20.128.06
8 mm	20.128.07
10 mm	20.128.08
12 mm	20.128.09



2 mm	20.129.01
3 mm	20.129.2.
4 mm	20.129.03
5 mm	20.129.04
6 mm	20.129.05
7 mm	20.129.06
8 mm	20.129.07
10 mm	20.129.08



2 mm	20.130.01
3 mm	20.130.2.
4 mm	20.130.03
5 mm	20.130.04
6 mm	20.130.05
7 mm	20.130.06
8 mm	20.130.07

# General Orthopedics Surgical Instruments

## Anatomy, Post mortem, sternum chisel



23 mm

13,5 cm/5"

**20.131**



22 cm/8 1/2"



14 cm/5 1/2"

**20.133**

Dissecting Chisels  
for opening the spinal column



**Brunetti**

28,5 cm/11 1/4"

**20.134**



**Brunetti**

28,5 cm/11 1/4"

**20.135**



Skull Breaker

**Virchow**

**20.132**

Sternum Chisel



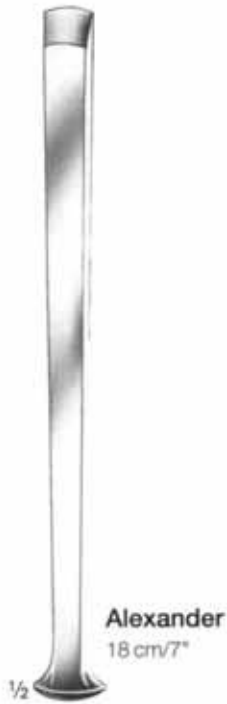
**Lebsche**

24,5 cm/9 1/2"

**20.136**

# General Orthopedics Surgical Instruments

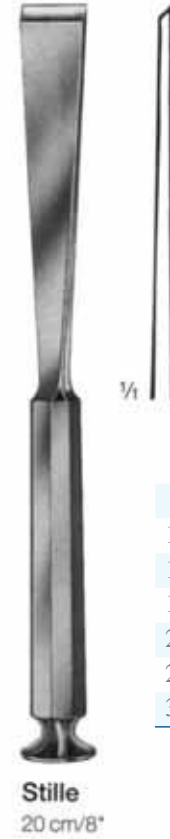
## Osteotomes, Chisels, Gouges



4 mm	<b>20.137.01</b>
6 mm	<b>20.137.2.</b>
8 mm	<b>20.137.03</b>
10 mm	<b>20.137.05</b>
12 mm	<b>20.137.05</b>
14 mm	<b>20.137.06</b>



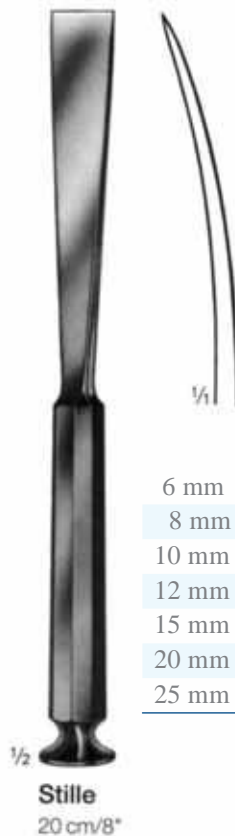
4 mm	<b>20.138.01</b>
6 mm	<b>20.138.2.</b>
8 mm	<b>20.138.03</b>
10 mm	<b>20.138.04</b>
12 mm	<b>20.138.05</b>
14 mm	<b>20.138.06</b>



6 mm	<b>20.139.01</b>
8 mm	<b>20.139.2.</b>
10 mm	<b>20.139.03</b>
12 mm	<b>20.139.04</b>
15 mm	<b>20.139.05</b>
20 mm	<b>20.139.06</b>
25 mm	<b>20.139.07</b>
30 mm	<b>20.139.08</b>



6 mm	<b>15.140.01</b>
8 mm	<b>15.140.2.</b>
10 mm	<b>15.140.03</b>
12 mm	<b>15.140.04</b>
15 mm	<b>15.140.05</b>
20 mm	<b>15.140.06</b>
25 mm	<b>15.140.07</b>
30 mm	<b>15.140.08</b>



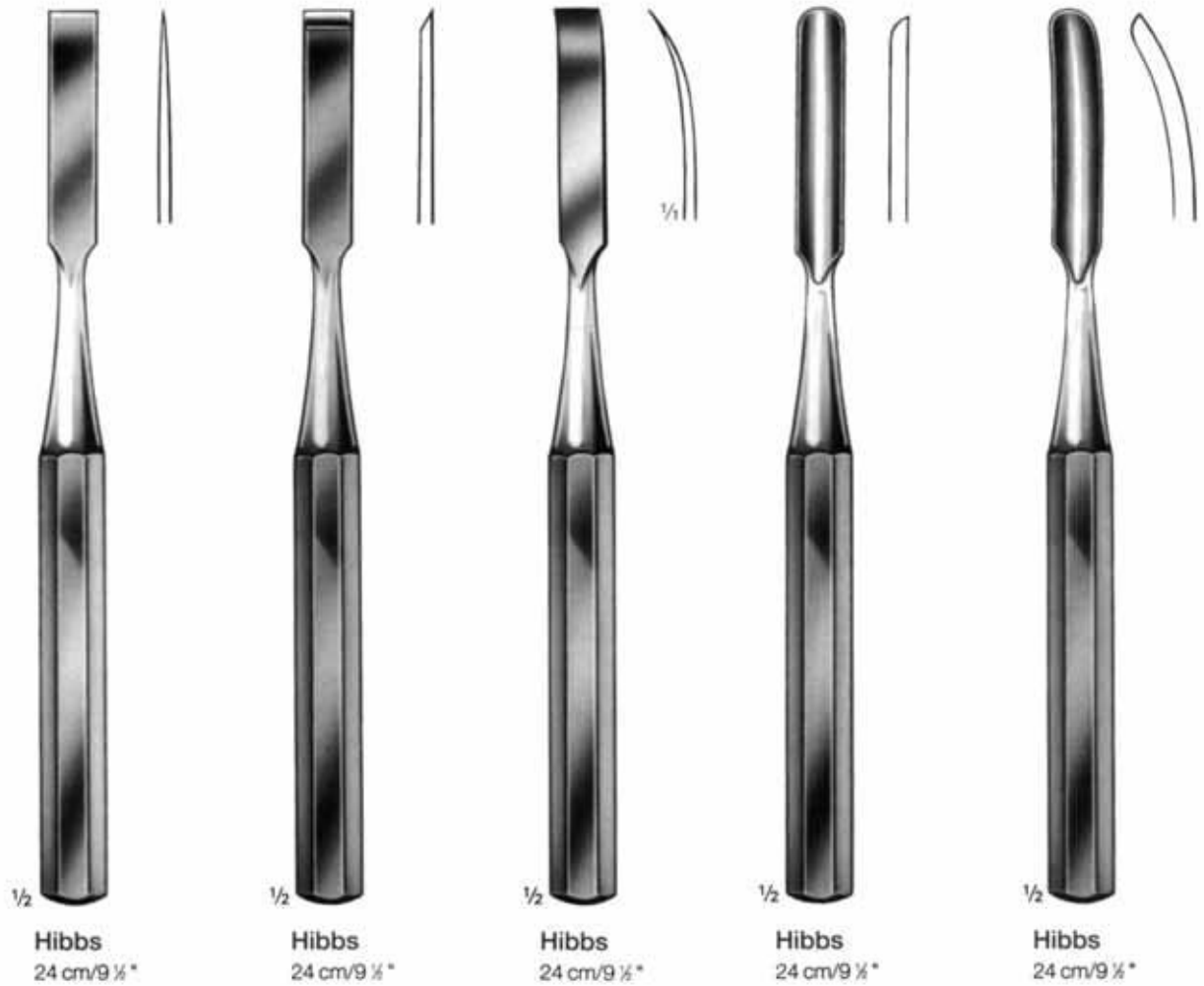
6 mm	<b>20.141.01</b>
8 mm	<b>20.141.2.</b>
10 mm	<b>20.141.03</b>
12 mm	<b>20.141.04</b>
15 mm	<b>20.141.05</b>
20 mm	<b>20.141.06</b>
25 mm	<b>20.141.07</b>



6 mm	<b>20.142.01</b>
8 mm	<b>20.142.2.</b>
10 mm	<b>20.142.03</b>
12 mm	<b>20.142.04</b>
15 mm	<b>20.142.05</b>
20 mm	<b>20.142.06</b>
25 mm	<b>20.142.07</b>

# General Orthopedics Surgical Instruments

## Osteotmes, Gouges



6 mm	20.143.01	20.144.01	20.145.01	20.146.01	20.147.01
13 mm	20.143.02	20.144.02	20.145.02	20.146.02	20.147.02
19 mm	20.143.03	20.144.03	20.145.03	20.146.03	20.147.03
25 mm	20.143.04	20.144.04	20.145.04	20.146.04	20.147.04
32 mm	20.143.05	20.144.05	20.145.05	20.146.05	20.147.05



# General Orthopedics Surgical Instruments

## Osteotmes, Gouges



**Smith-Petersen**  
20 cm/8"



**Smith-Petersen**  
20 cm/8"



**Smith-Petersen**  
20 cm/8"

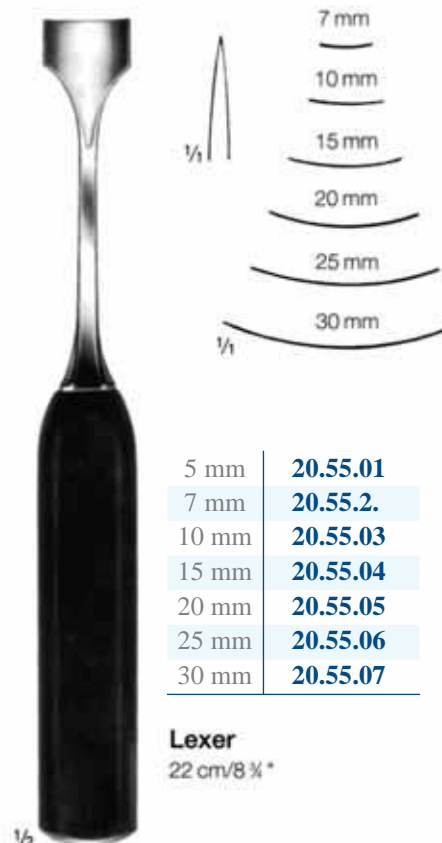
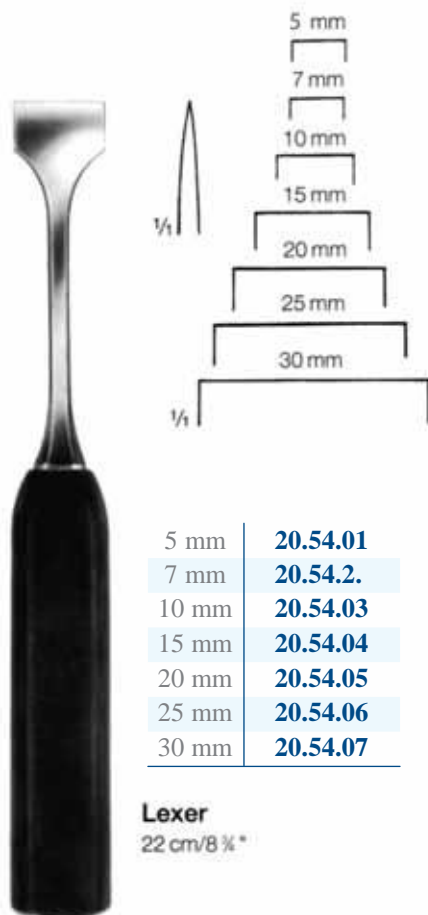
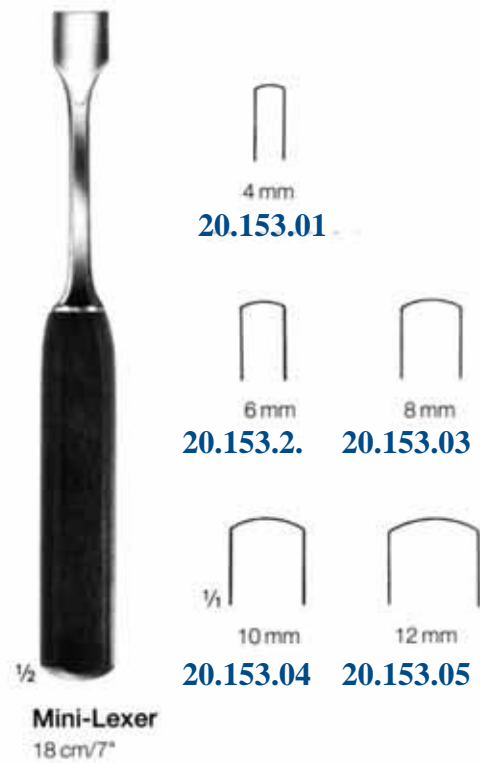
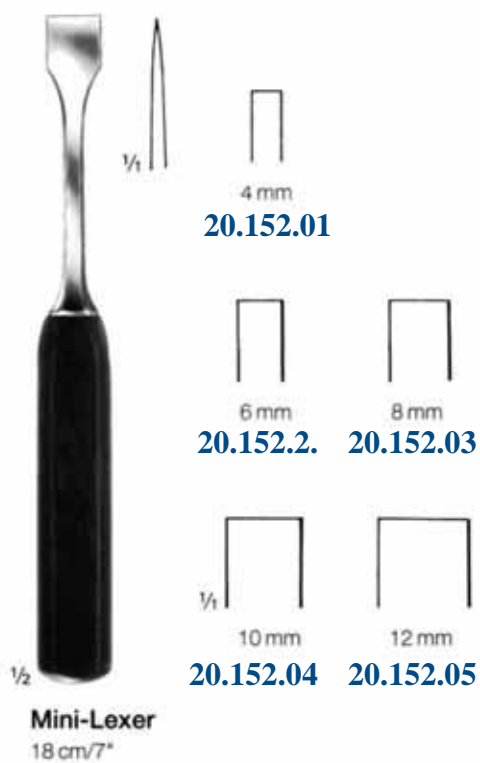


**Smith-Petersen**  
20 cm/8"

6 mm	<b>20.148.01</b>	<b>20.149.01</b>	<b>20.150.01</b>	<b>20.151.01</b>
9 mm	<b>20.148.02.</b>	<b>20.149.02.</b>	<b>20.150.02.</b>	<b>20.151.02.</b>
13 mm	<b>20.148.03</b>	<b>20.149.03</b>	<b>20.150.03</b>	<b>20.151.03</b>
14 mm				
16 mm	<b>20.148.04</b>	<b>20.149.04</b>	<b>20.150.04</b>	<b>20.151.04</b>
19 mm	<b>20.148.05</b>	<b>20.149.05</b>	<b>20.150.05</b>	<b>20.151.05</b>
25 mm	<b>20.148.06</b>	<b>20.149.06</b>	<b>20.150.06</b>	<b>20.151.06</b>
32 mm	<b>20.148.07</b>	<b>20.149.07</b>	<b>20.150.07</b>	<b>20.151.07</b>

# General Orthopedics Surgical Instruments

## Chisels, Gouges with ferrozell (Novotex) handles



## General Orthopedics Surgical Instruments

### Chisels, Gouges with ferrozell (Novotex) handles



**Cobb**  
28 cm/11"  
**20.156**



**Cobb**  
28 cm/11"  
**20.157**



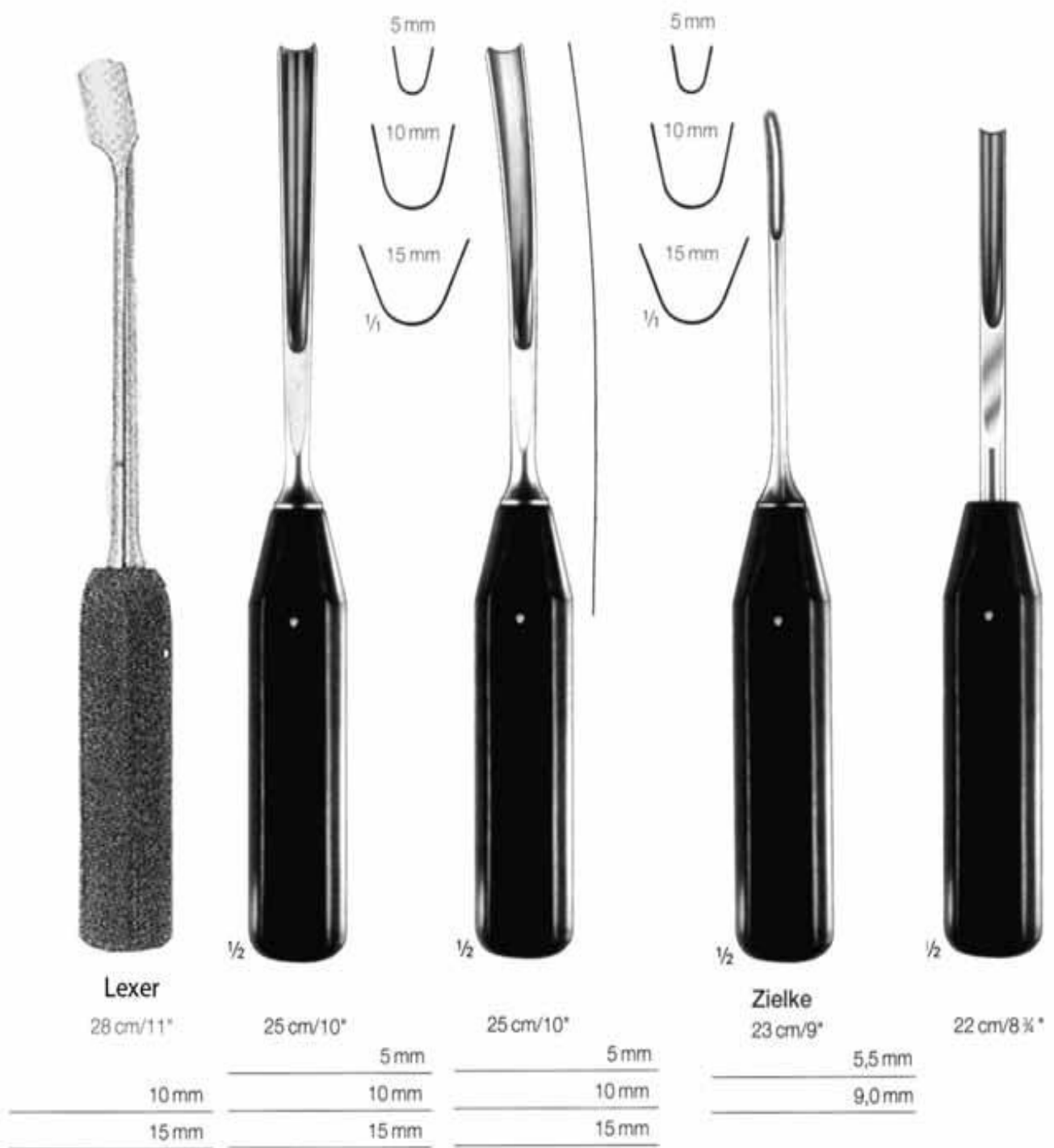
**Cobb**  
28 cm/11"  
**20.158**



**Cobb**  
28 cm/11"  
**20.159**

# General Orthopedics Surgical Instruments

## Chisels, Gouges with ferrozell (Novotex) handles



# General Orthopedics Surgical Instruments

## Meniscectomies



curved to the left  
**20.168.01**

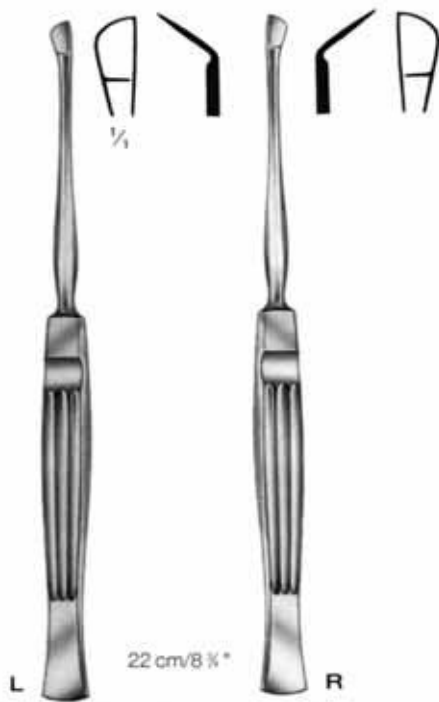
curved to the right  
**20.168.2.**

**Smillie**  
17 cm/6 3/4"  
**20.165**

**Smillie**  
17 cm/6 3/4"  
**20.166**

**Smillie**  
17 cm/6 3/4"  
**20.167**

1/2  
**Neff**  
22 cm/8 3/4"



**Downing (Semi-Lunar Cartilage)**  
**20.169.01**      **20.169.2.**



18 cm/7"  
**20.170**

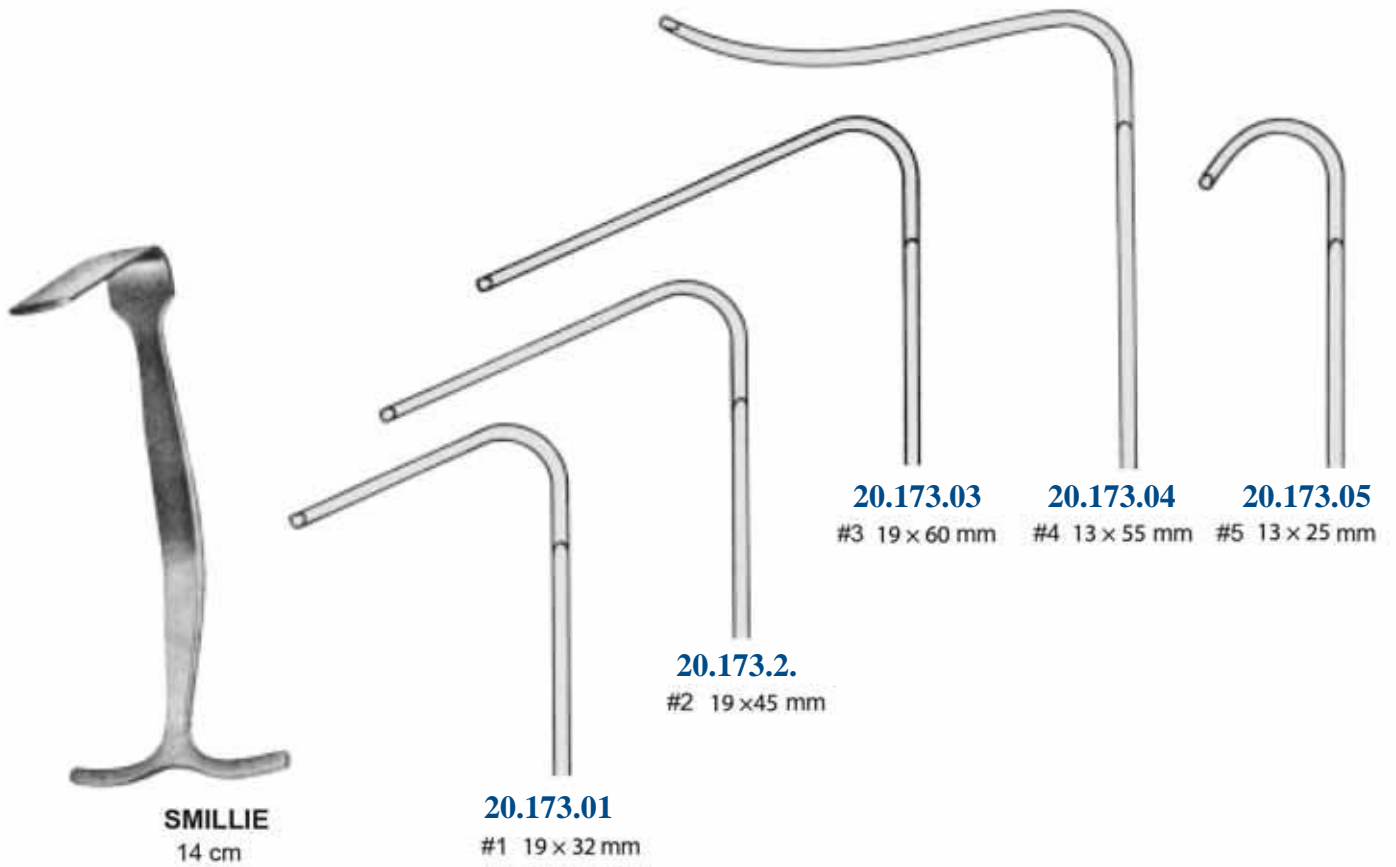


**Bircher**  
20 cm/8"  
**20.171**

**Bircher**  
20 cm/8"  
**20.172**

# General Orthopedics Surgical Instruments

## Knee Retractors and Lead Hands



# General Orthopedics Surgical Instruments

## Bone Currettes

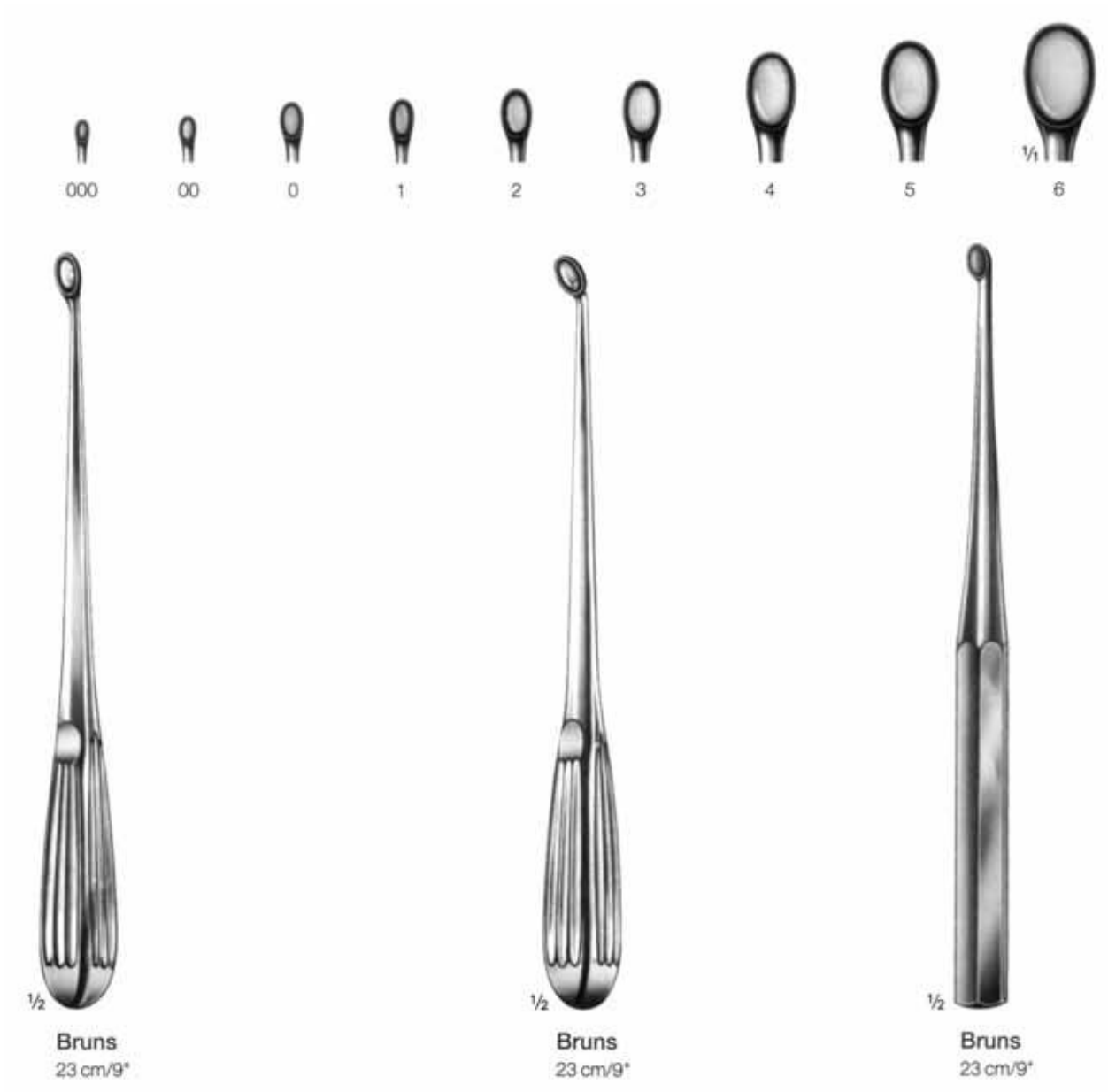
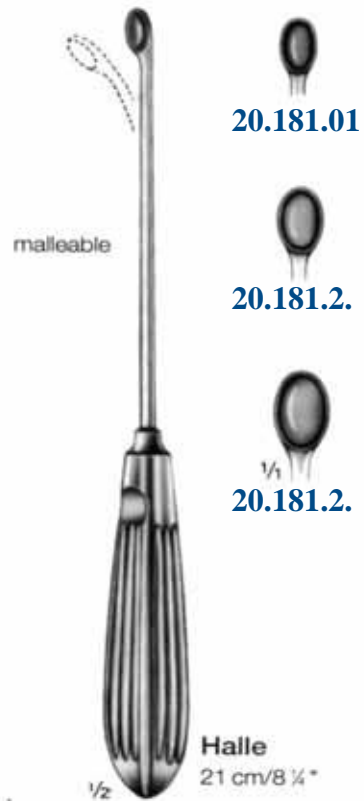
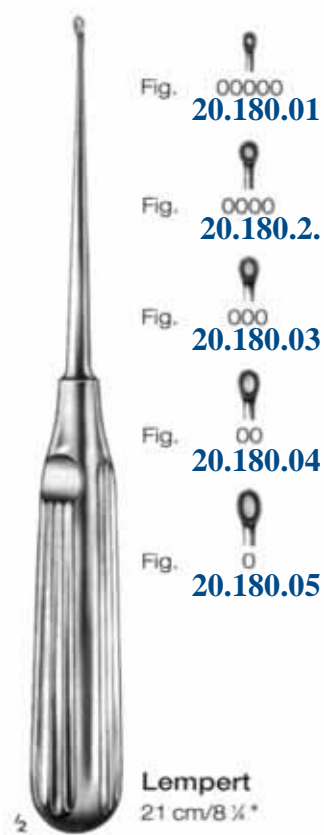


Fig 0000	20.177.01	20.178.01	
Fig 000	20.177.2.	20.178.2.	20.179.01
Fig 00	20.177.03	20.178.03	20.179.2.
Fig 0	20.177.04	20.178.04	20.179.03
Fig 1	20.177.05	20.178.05	20.179.04
Fig 2	20.177.06	20.178.06	20.179.05
Fig 3	20.177.07	20.178.07	20.179.06
Fig 4	20.177.08	20.178.08	20.179.07
Fig 5	20.177.09	20.178.09	20.179.08
Fig 6	20.177.10	20.178.10	20.179.08

# General Orthopedics Surgical Instruments

## Bone Crettes





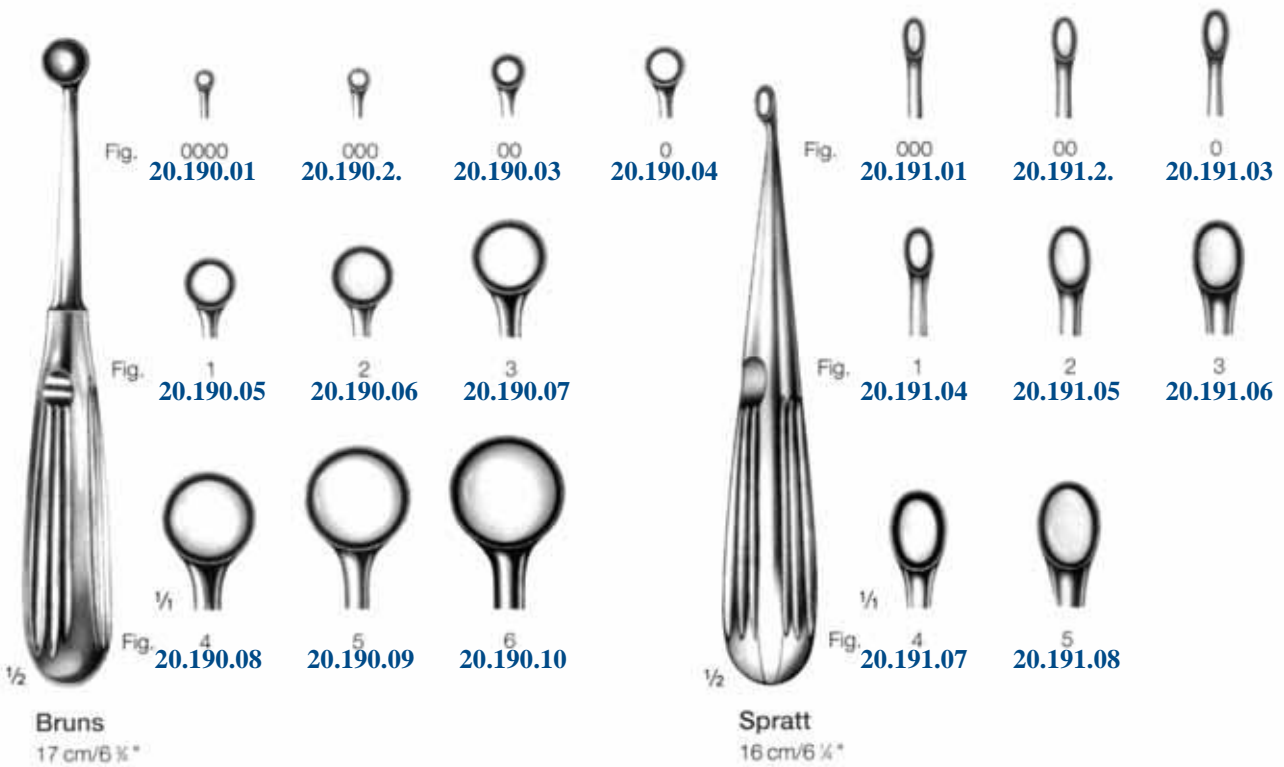
# General Orthopedics Surgical Instruments

## Bone Crettes



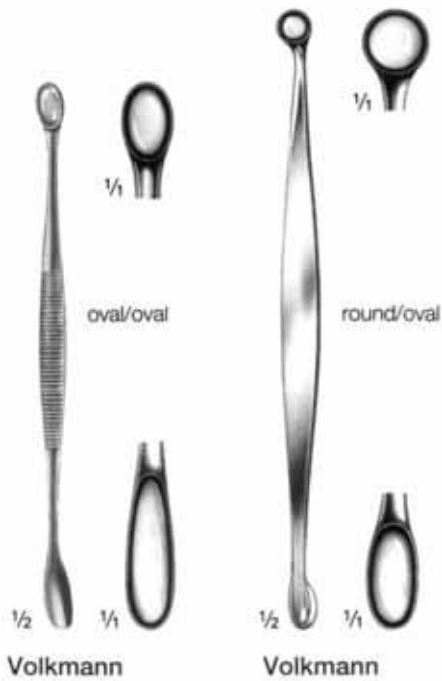
# General Orthopedics Surgical Instruments

## Bone Currettes

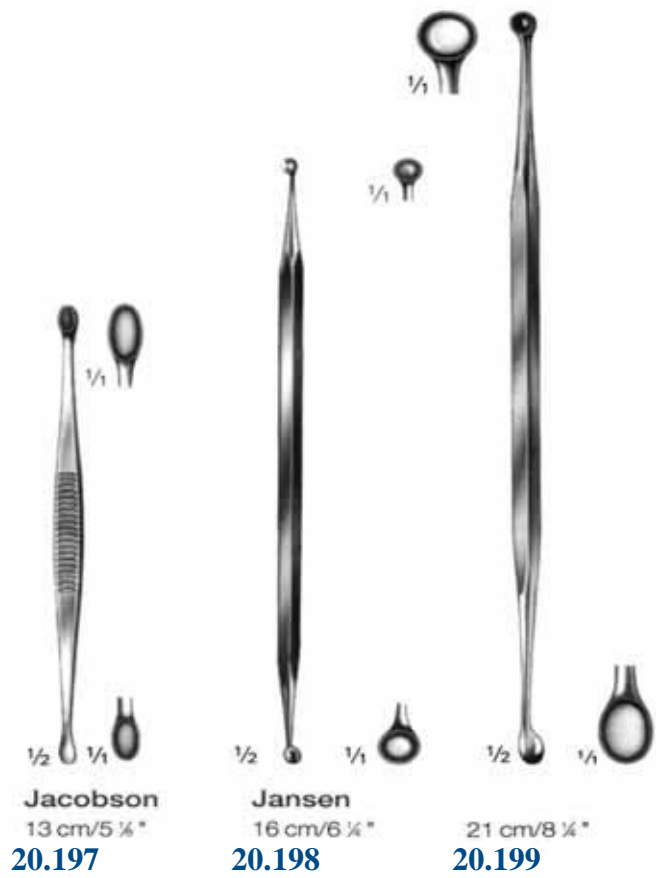
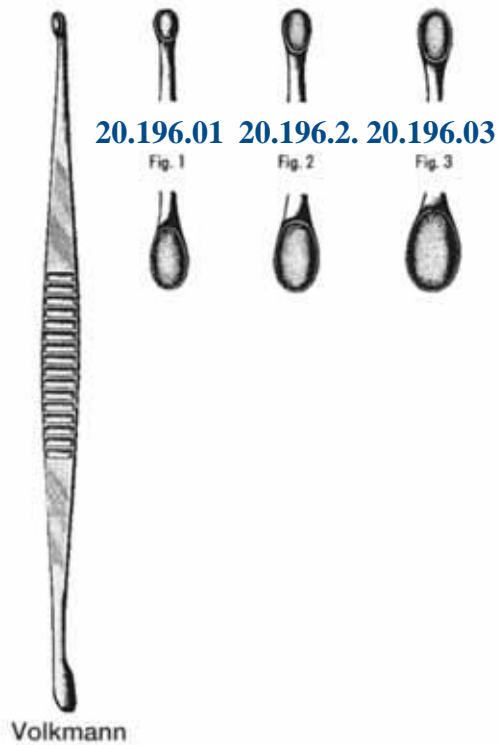


# General Orthopedics Surgical Instruments

## Bone Crettes

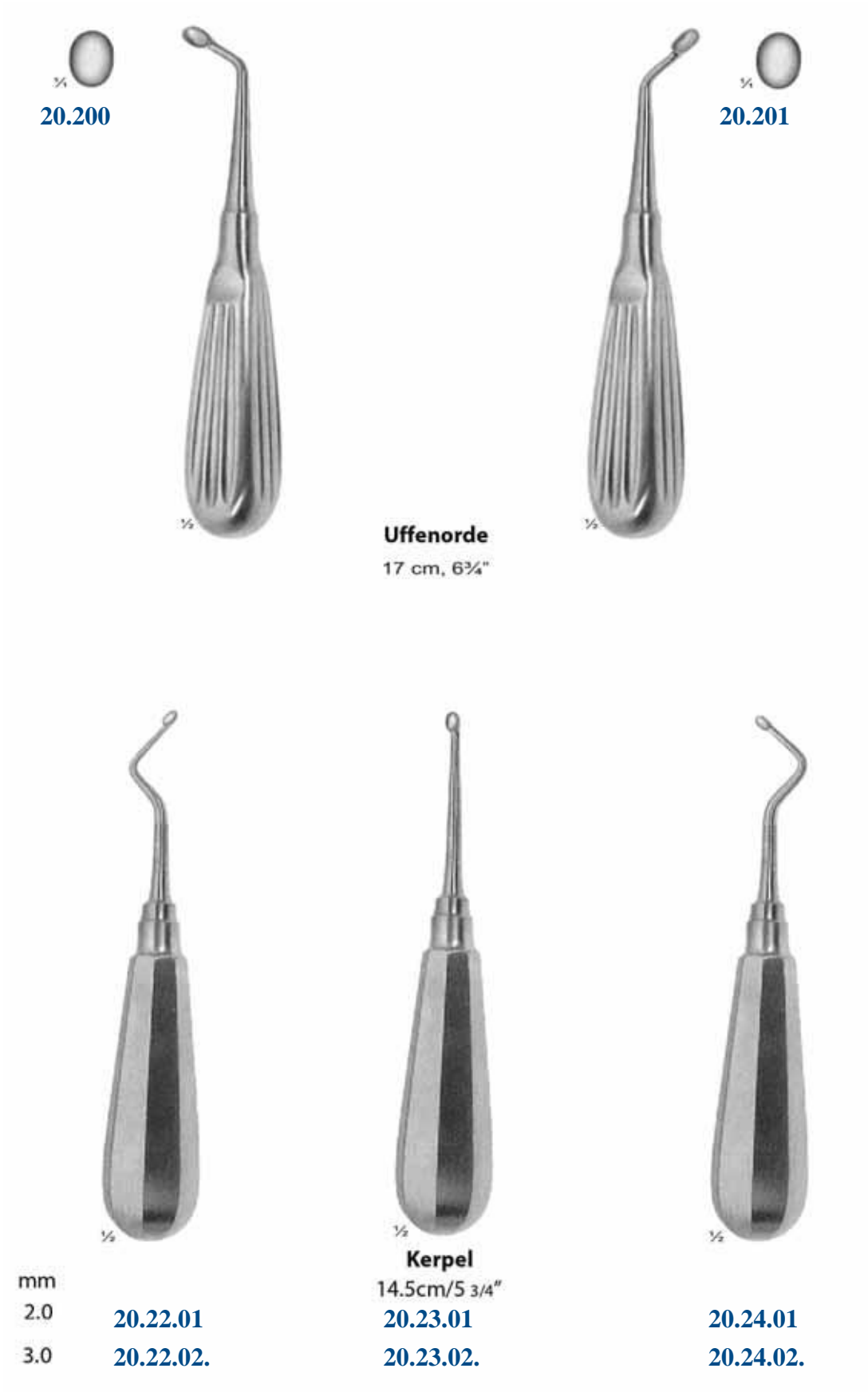


cm	inch		
13	5	20.192.01	20.193.01
14,5	5 1/2	20.192.2.	20.193.2.
17	6 3/4	20.192.03	20.193.03
20	8		20.193.04



# General Orthopedics Surgical Instruments

## Bone Currettes



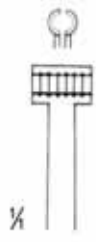
# General Orthopedics Surgical Instruments

## Tendon Instruments

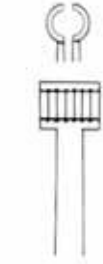
### Hand Surgery – Tendon Grasping Forceps



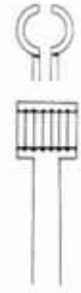
**Larsen**  
10 cm/4"



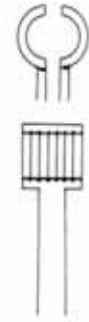
2 mm  
**20.25.01**



3 mm  
**20.25.2.**

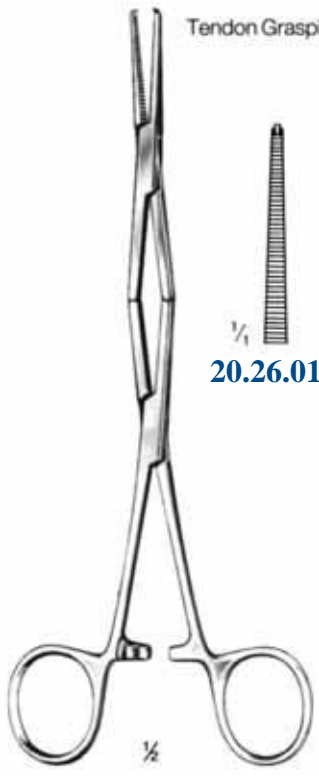


4 mm  
**20.25.03**

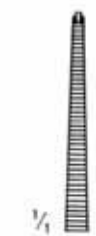


5 mm  
**20.25.04**

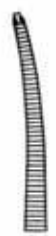
### Tendon Grasping Forceps



20,5 cm/8"



**20.26.01**



**20.26.2.**

### Tendon Interlacing Forceps



15 cm/6"  
**20.207**



1/4"



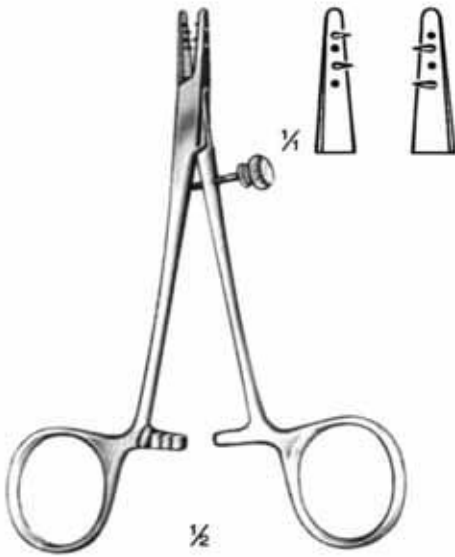
15 cm/6"  
**20.208**



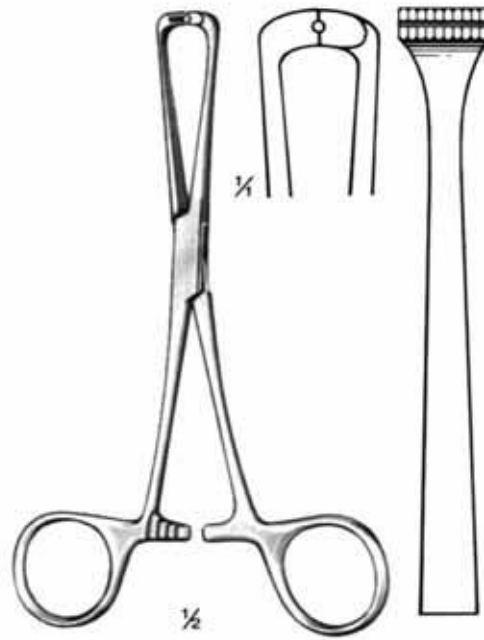
1/4"

# General Orthopedics Surgical Instruments

## Tendon Instruments



**Steinmann**  
13 cm/5"  
**20.209**



**Steinmann**  
16 cm/6 1/4"  
**20.210**



**Herz**  
15 cm/6"



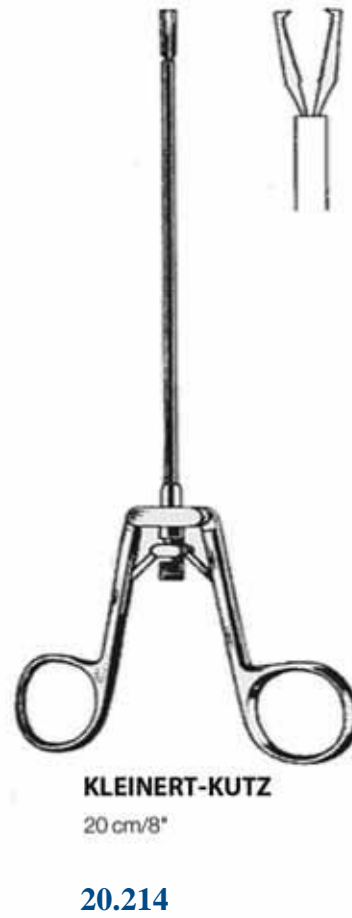
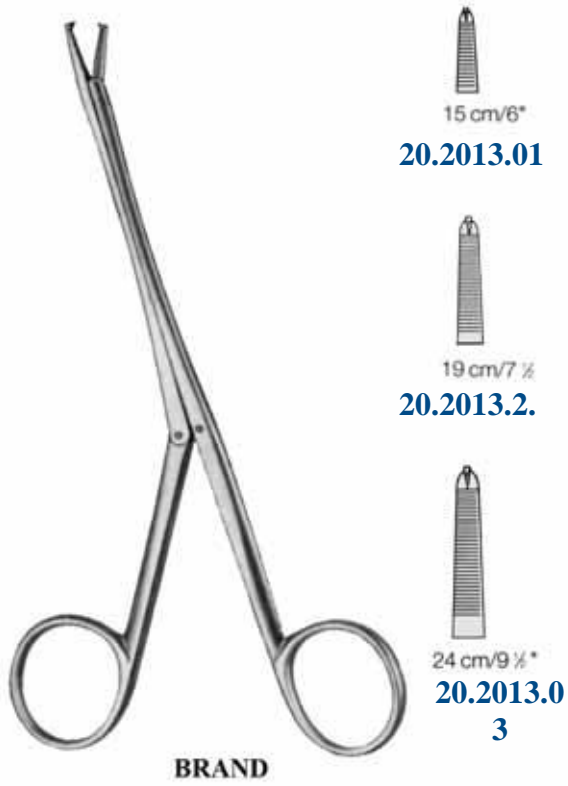
**20.211**



**20.212**

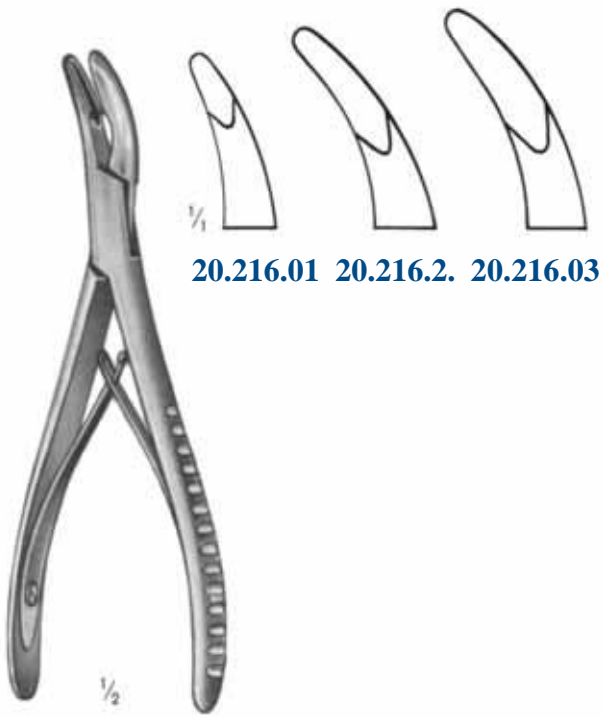
# General Orthopedics Surgical Instruments

## Tendon Instruments



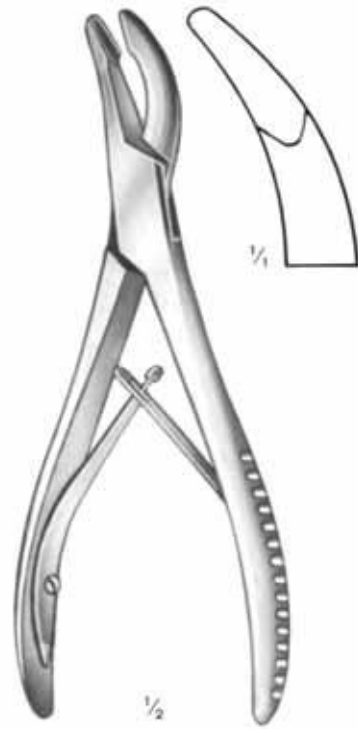
# General Orthopedics Surgical Instruments

## Bone Rongeurs

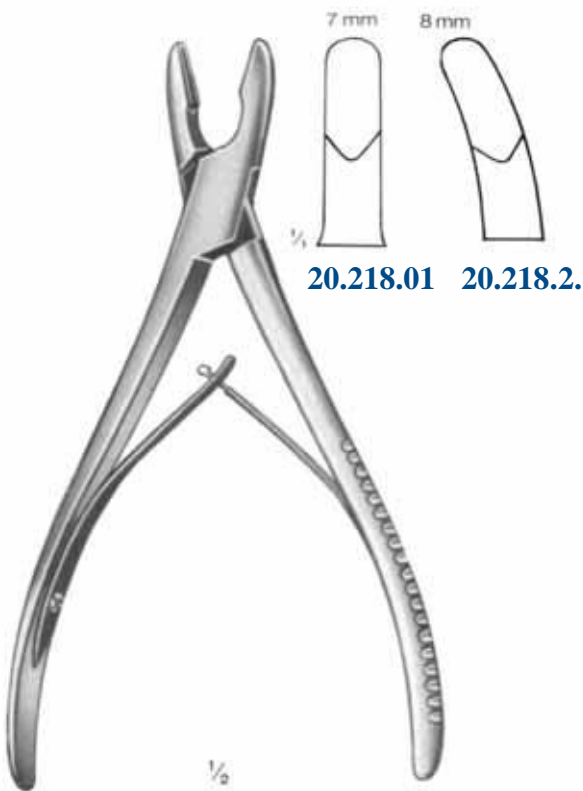


20.216.01 20.216.2. 20.216.03

**Luer**  
15 cm/6"

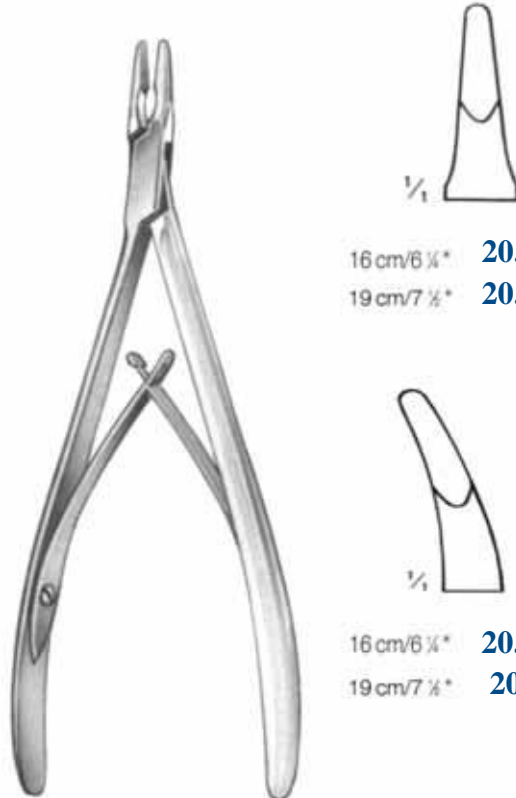


**Olivecrona**  
20 cm/8"  
**20.217**



20.218.01 20.218.2.

**Adson**  
20 cm/8"



16 cm/6 1/4" **20.219.01**  
19 cm/7 1/2" **20.219.2.**

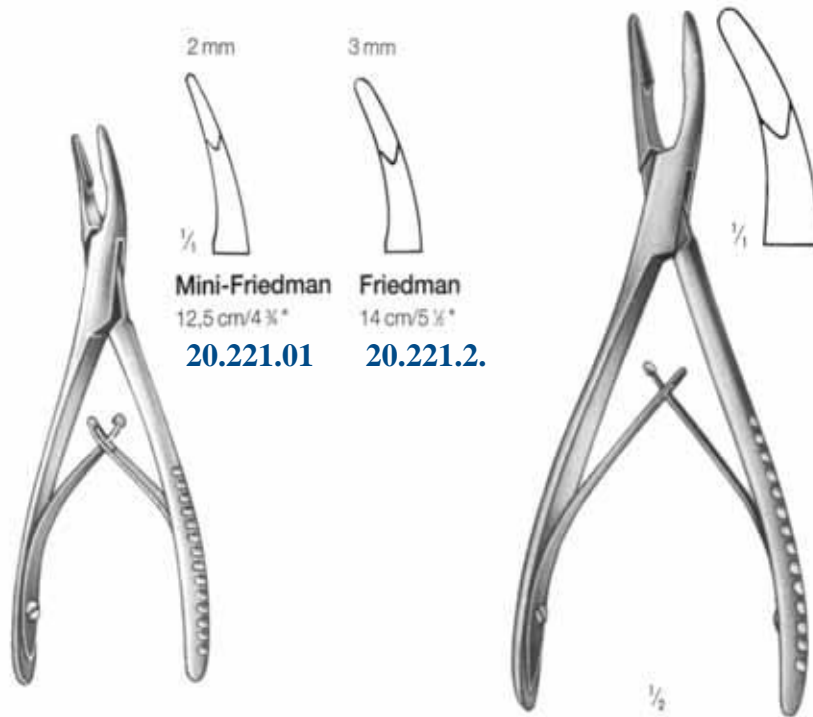
16 cm/6 1/4" **20.220.01**  
19 cm/7 1/2" **20.220.2.**

**Lempert**



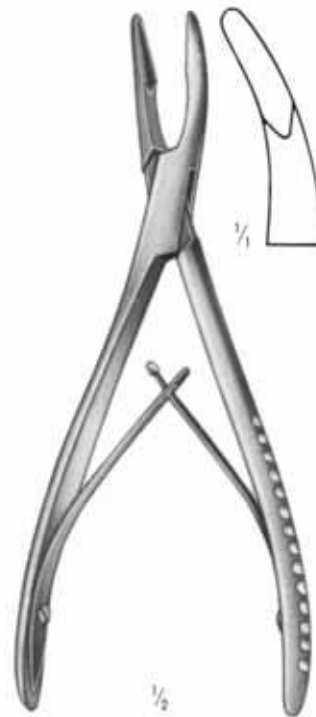
# General Orthopedics Surgical Instruments

## Bone Rongeurs

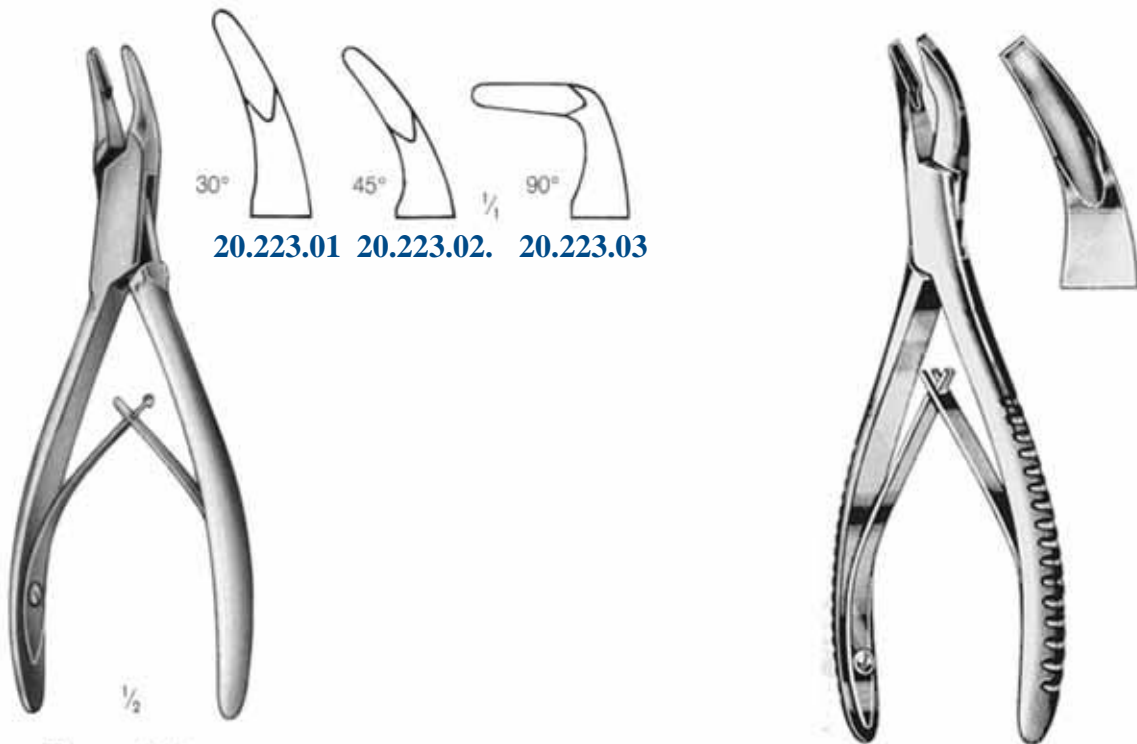


**20.221.01**

**20.221.2.**



**20.222**

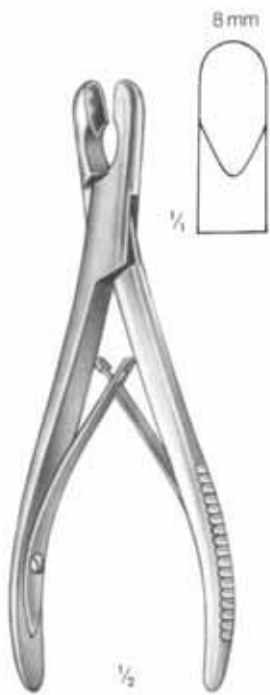


**Blumenthal**  
16 cm/6 1/4"

**Mead**  
16.5 cm/6 1/2"  
**20.224**

# General Orthopedics Surgical Instruments

## Bone Rongeurs



**Luer**  
18 cm/7"  
20.225



**Luer**  
18 cm/7"  
20.226



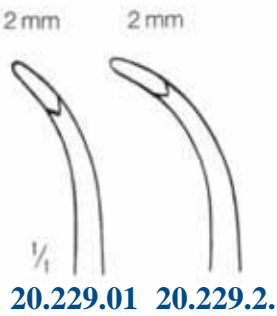
**Bane-Hartmann**  
17 cm/6 3/4"  
20.227



**Jansen**  
18 cm/7"  
20.228



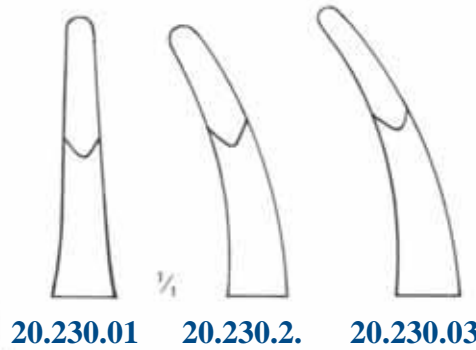
**Stellbrink**  
17 cm/6 3/4"



20.229.01 20.229.2.



**Jansen**  
17 cm/6 3/4"



20.230.01 20.230.2. 20.230.03

# General Orthopedics Surgical Instruments

## Bone Rongeurs



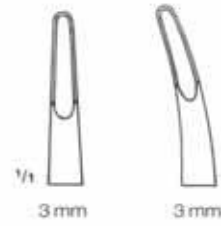
**Beyer**  
18 cm/7\*  
**20.231**



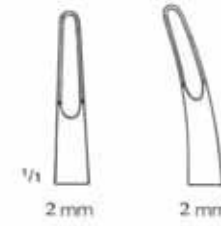
**Zaufal-Jansen**  
18 cm/7\*  
**20.232**



**Böhler (Ruskin-Mini)**  
15 cm/6\*



**20.233.01** **20.233.2.**



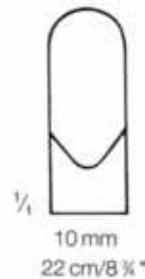
**20.233.03** **20.233.04**



**Ruskin**  
23 cm/9\*  
straight **20.234**  
Curved **20.235**



**Stille-Luer**



**20.236.01**



**20.236.2.**



**20.236.03**



**20.236.04**

# General Orthopedics Surgical Instruments

## Bone Rongeurs



**Mayfield**  
18,5 cm/7 3/4"  
**20.237**



**Marquardt**  
20 cm/8"  
**20.238**



**20.239.01**

**20.239.2.**

**Ruskin**  
18 cm/7"



**Röttgen-Ruskin**  
24 cm/9 1/2"  
**20.240**



**Stille-Ruskin**  
23 cm/9"  
**20.241**



**Stille-Luer (Duckbill)**  
23 cm/9"  
**20.242**

# General Orthopedics Surgical Instruments

## Bone Rongeurs



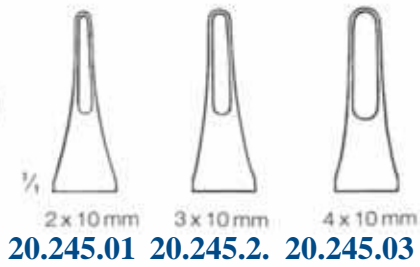
7 mm  
**Scaglietti**  
 right 26 cm/10 1/4" left  
**20.243.01 20.243.2.**



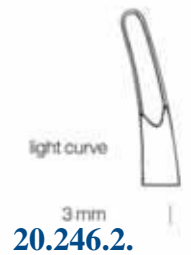
1/2  
**Frykholm**  
 23 cm/9"  
**20.244**



1/2  
**Echlin (Duckbill)**  
 23 cm/9"

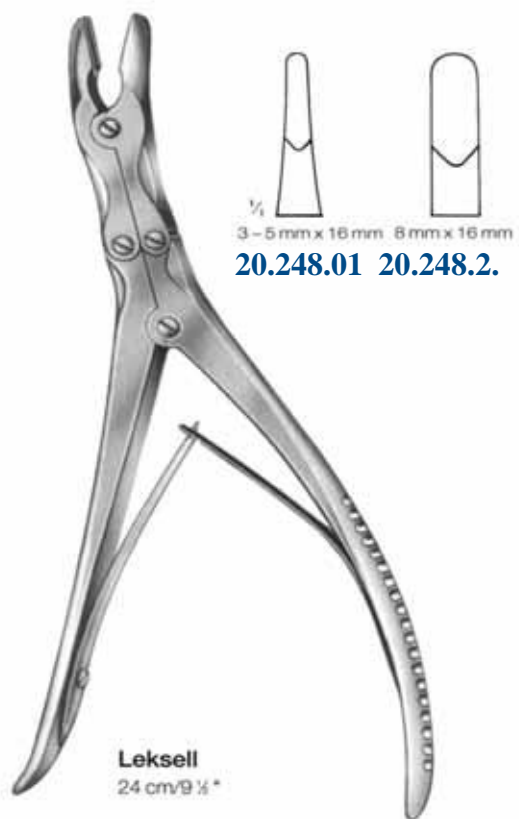
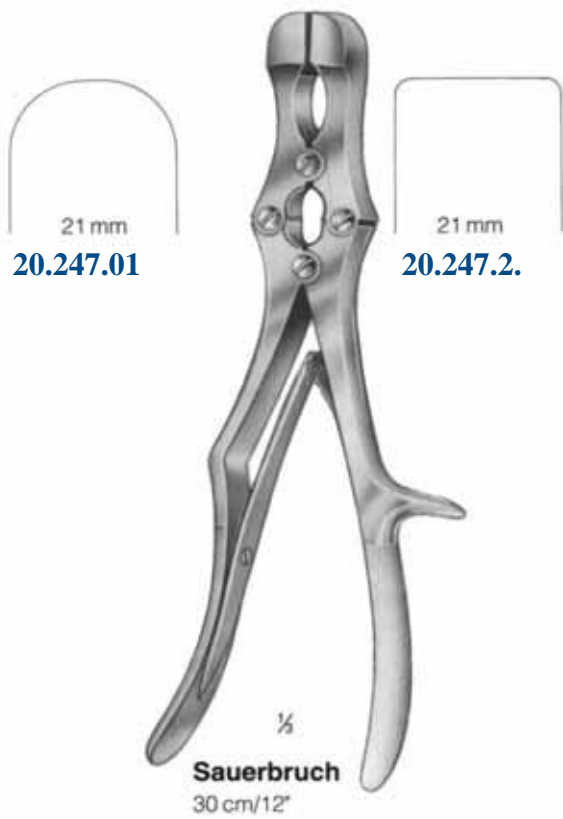


1/2  
**Smith-Peterson**  
 24 cm/9 1/2"



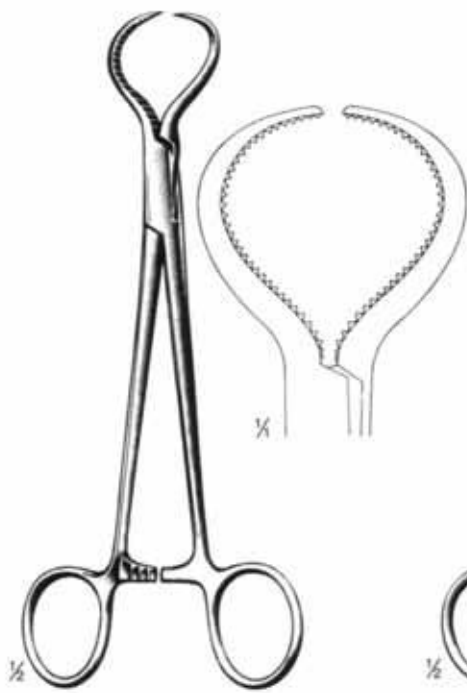
# General Orthopedics Surgical Instruments

## Bone Rongeurs

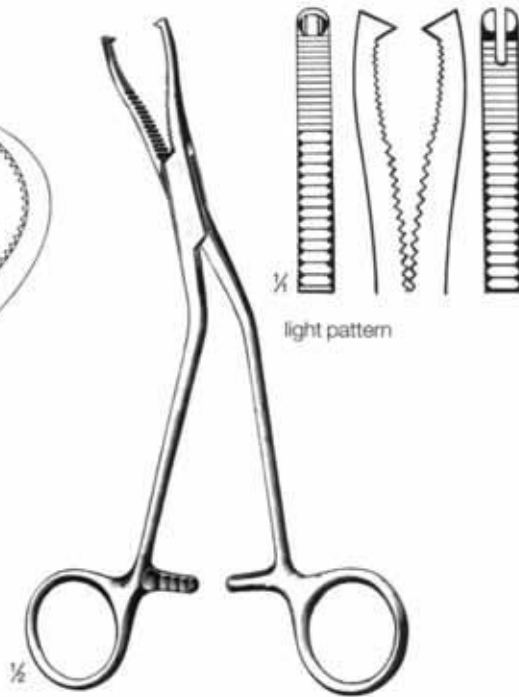


# General Orthopedics Surgical Instruments

## Bone holding forceps, Reposition forceps



Lewin  
18 cm/7\*  
**20.251**

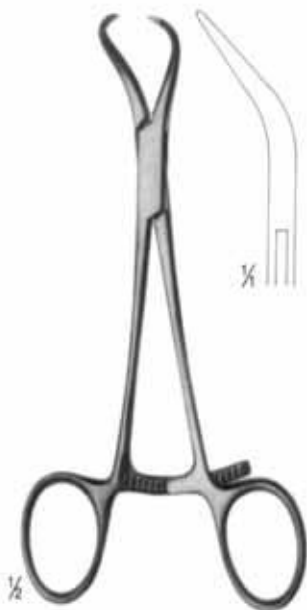


Dingman  
18,5 cm/7 1/4\*  
**20.252**



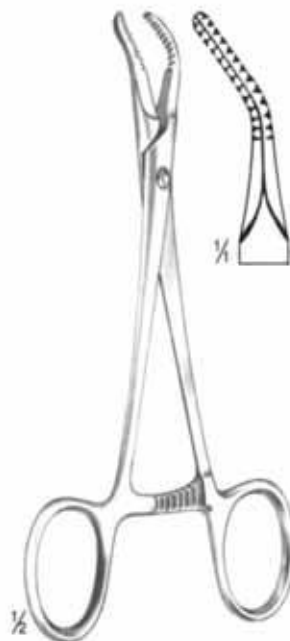
Dingman  
18,5 cm/7 1/4\*  
**20.253**

### Finger Reposition Forceps

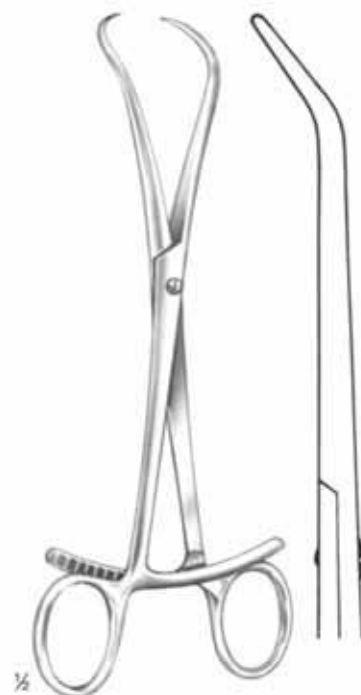


Apart  
13,5 cm/5 1/4\*  
**20.254**

### Bone Holding Forceps



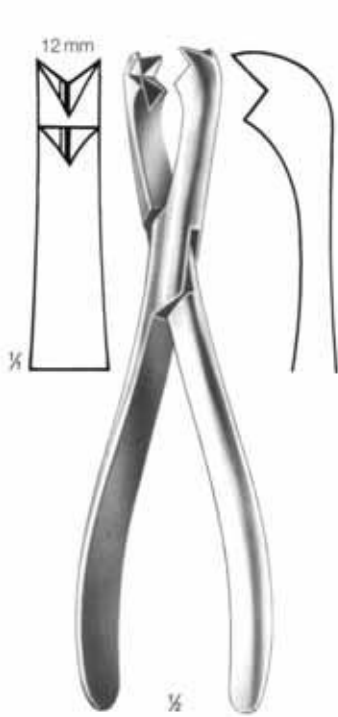
14 cm/5 1/2\*  
**20.255**



20 cm/8\*  
**20.256**

# General Orthopedics Surgical Instruments

## Sequestrum forceps, Bone holding forceps



**Fergusson**  
21 cm/8 1/4"  
**20.257**



**Langenbeck**  
21 cm/8 1/4"  
**20.258**

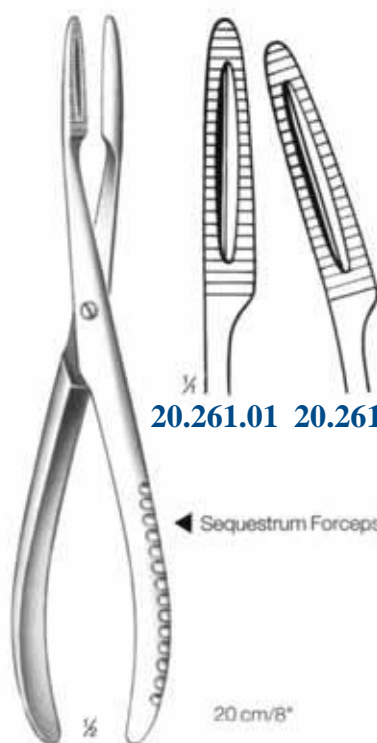


**Semb**  
19 cm/7 1/2"  
**20.259**

Bone Holding Forceps

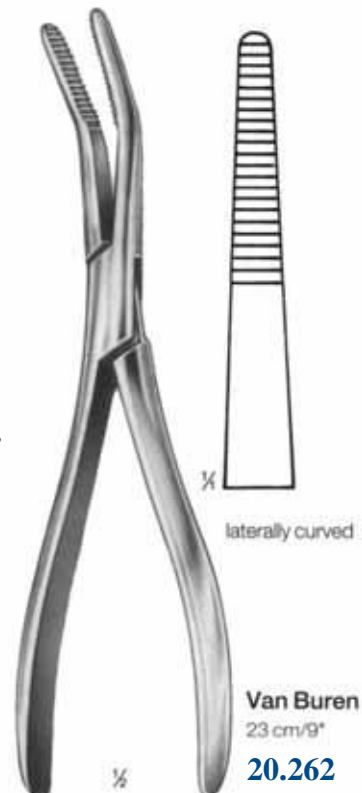


**Semb**  
19 cm/7 1/2"  
**20.260**



**20.261.01 20.261.2.**

◀ Sequestrum Forceps ▶

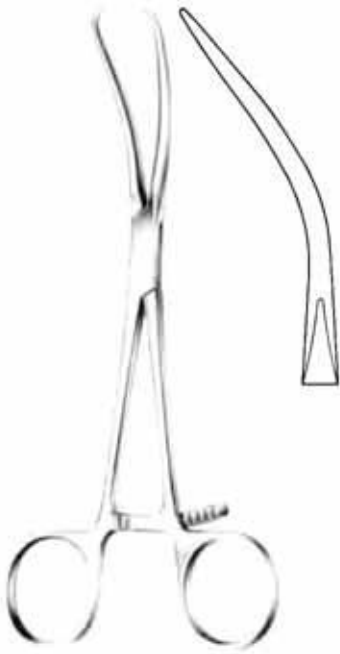


**Van Buren**  
23 cm/9"  
**20.262**



# General Orthopedics Surgical Instruments

## Reposition forceps, Bone clamps



**Reill**  
17 cm, 6 1/4"  
**20.263**



**Patella**  
18.5 cm, 7 1/4"  
**20.264**



21 cm, 8 1/4"  
**20.265**

Traction bar (Turnbuckle)



**Gerster**  
15 cm/6"  
**20.266**



**Lowman**

cm	inch.	
12	4 3/4	<b>20.267.01</b>
18	7	<b>20.267.2.</b>
20	8	<b>20.267.03</b>
22	8 3/4	<b>20.267.04</b>

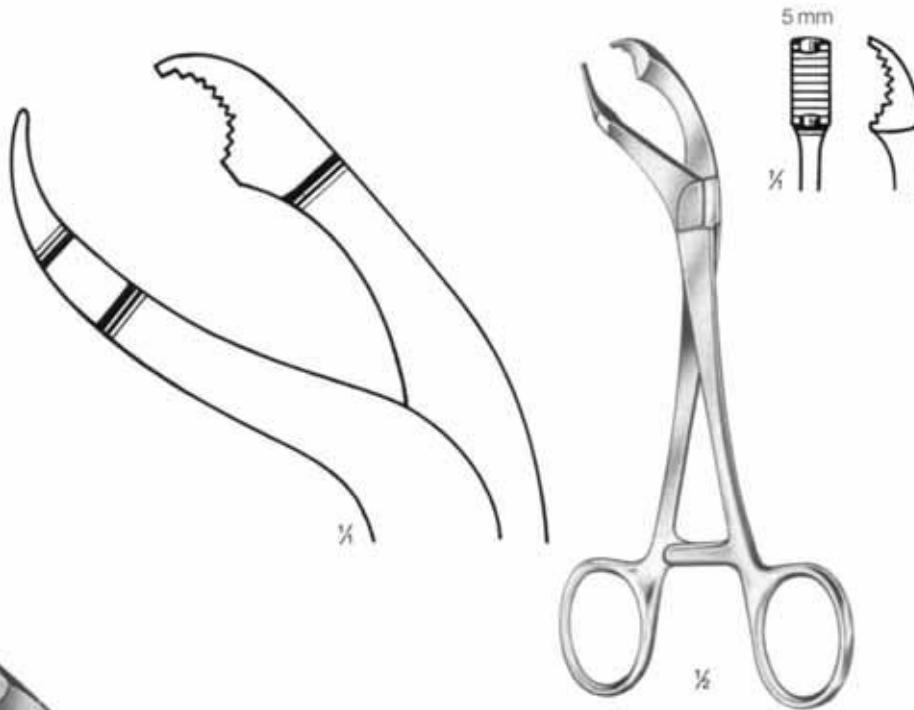


**Lowman-Hoglund**

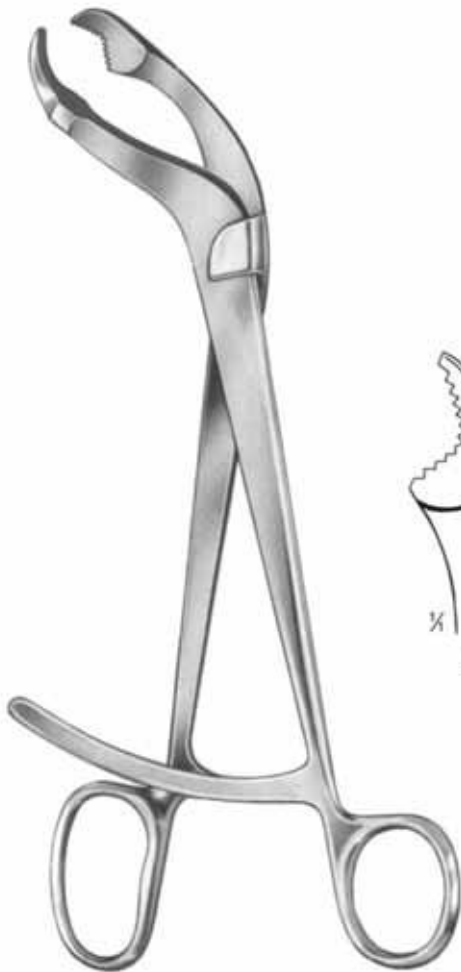
18 cm/7"  
**20.268**

# General Orthopedics Surgical Instruments

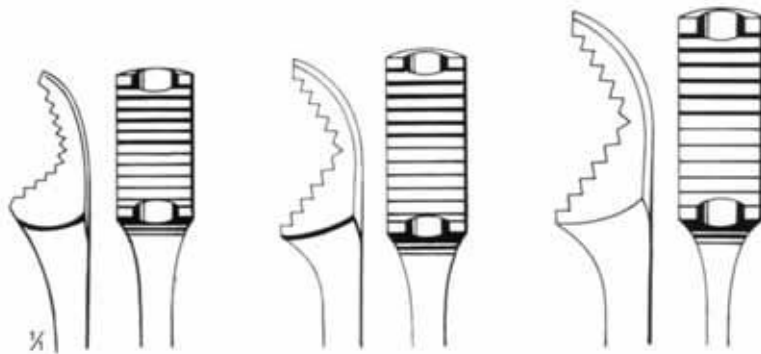
## Bone holding forceps



**Verbrugge**  
17.5 cm/6 ¾" \*  
**20.269**



**Verbrugge**



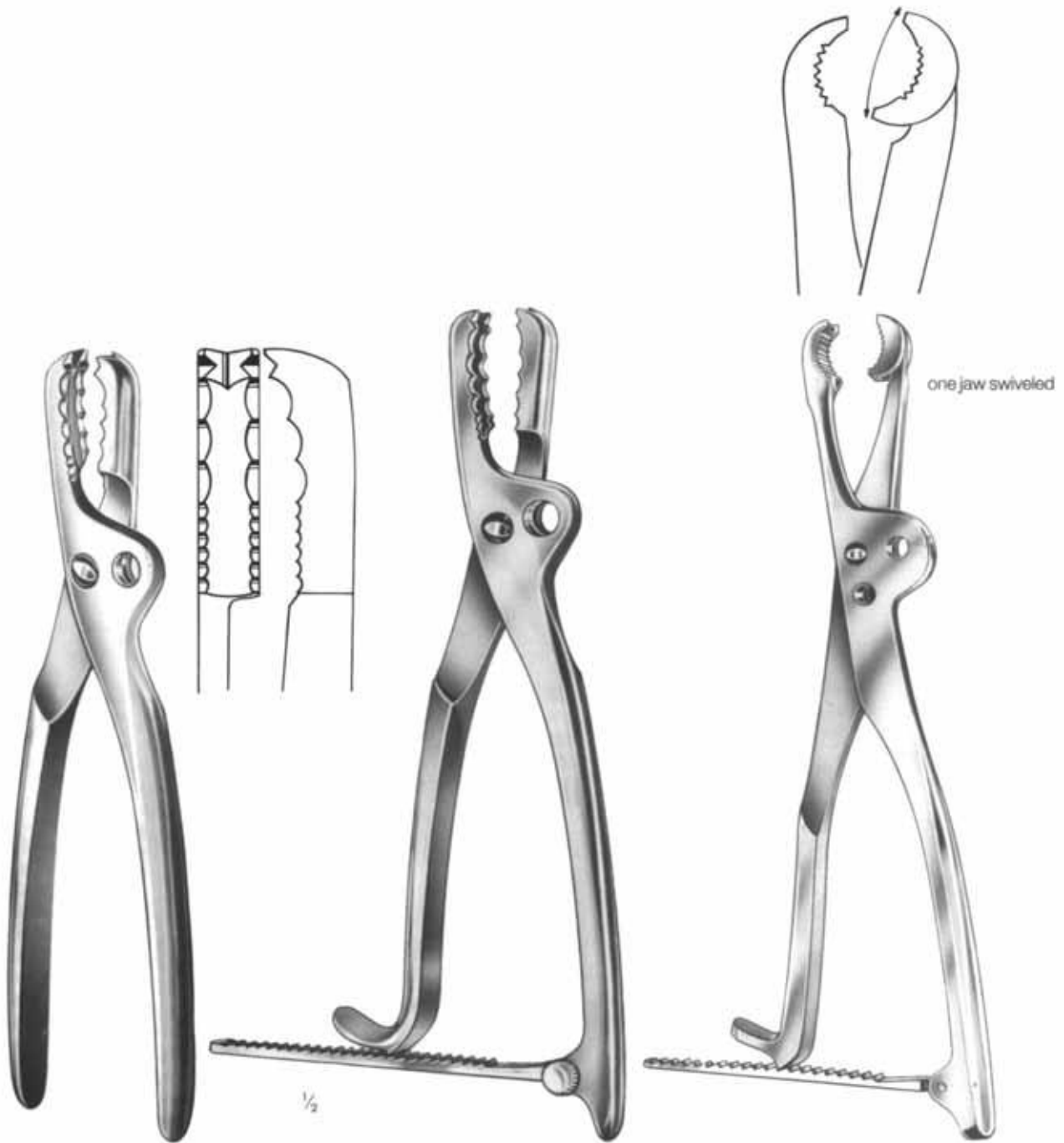
25 cm/10" \*  
**20.270.01**

26 cm/10 ¼" \*  
**20.270.2.**

27 cm/11" \*  
**20.270.03**

# General Orthopedics Surgical Instruments

## Bone holding forceps



**Farabeuf**  
**20.271.01** 23 cm/9"  
**20.271.02.** 26 cm/10 ¼"

**Farabeuf-Lambotte**  
26 cm/10 ¼"  
**20.272**

**Lambotte**  
**20.273.01** 22 cm/8 ¾"  
**20.273.02.** 27 cm/10 ½"  
**20.273.03** 30 cm/12"

# General Orthopedics Surgical Instruments

## Bone holding forceps

without ratchet



with ratchet



		Kern	Kern	
cm	in.			
14	5 1/2*	20.274.01	20.275.01	(Baby-Kern)
		20.274.2.	20.275.2.	
22	8 3/4*	20.274.03	20.275.03	

without ratchet



with ratchet



Lane

Lane

		cm	in.		
20.276.01		33	13	20.277.01	
20.276.2.		43	17	20.277.2.	

# General Orthopedics Surgical Instruments

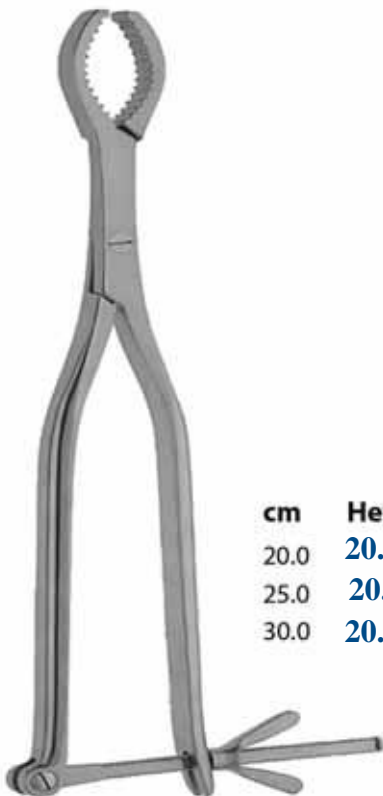
## Bone holding forceps



**cm Lambotte**  
 22.0 **20.278.01**  
 26.0 **20.278.2.**  
 33.0 **20.278.03**



**cm Lambotte**  
 19.0 **20.279.01**  
 23.0 **20.279.2.**  
 26.0 **20.279.03**



**cm Hey Groves**  
 20.0 **20.280.01**  
 25.0 **20.280.2.**  
 30.0 **20.280.03**



**Langenbeck**  
 20 cm  
**20.281**

# General Orthopedics Surgical Instruments

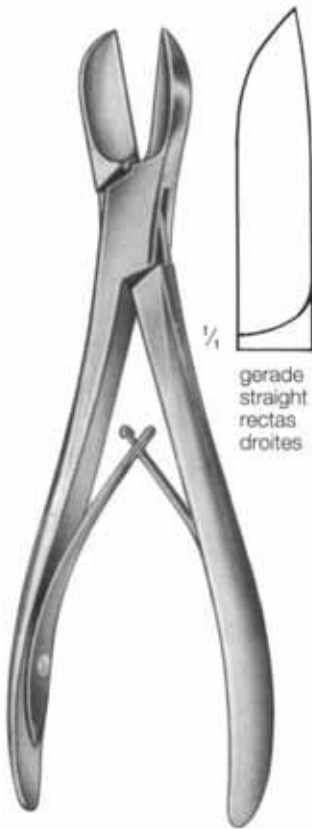
## Bone cutting forceps



**Cottle-Kazanjan**  
19 cm/7 1/2"  
**20.282**



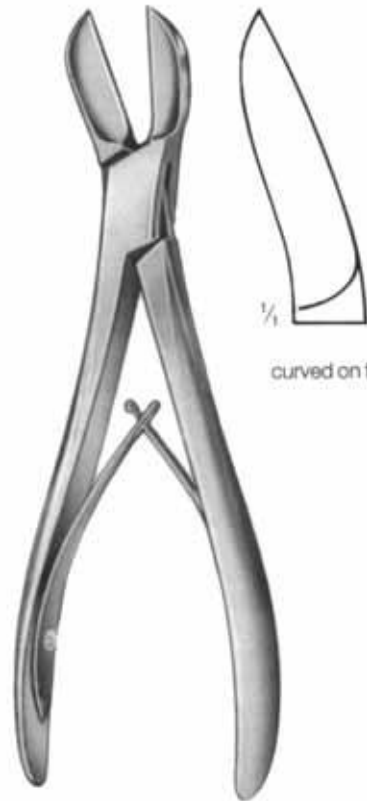
14 cm/5 1/2"



gerade  
straight  
rectas  
droites



17 cm/6 3/4"



curved on flat

cm	inch.	Liston
14	5 1/2	<b>20.283.01</b>
17	6 3/4	<b>20.283.2.</b>
19	7 1/2	<b>20.283.03</b>
22	8 3/4	<b>20.283.04</b>

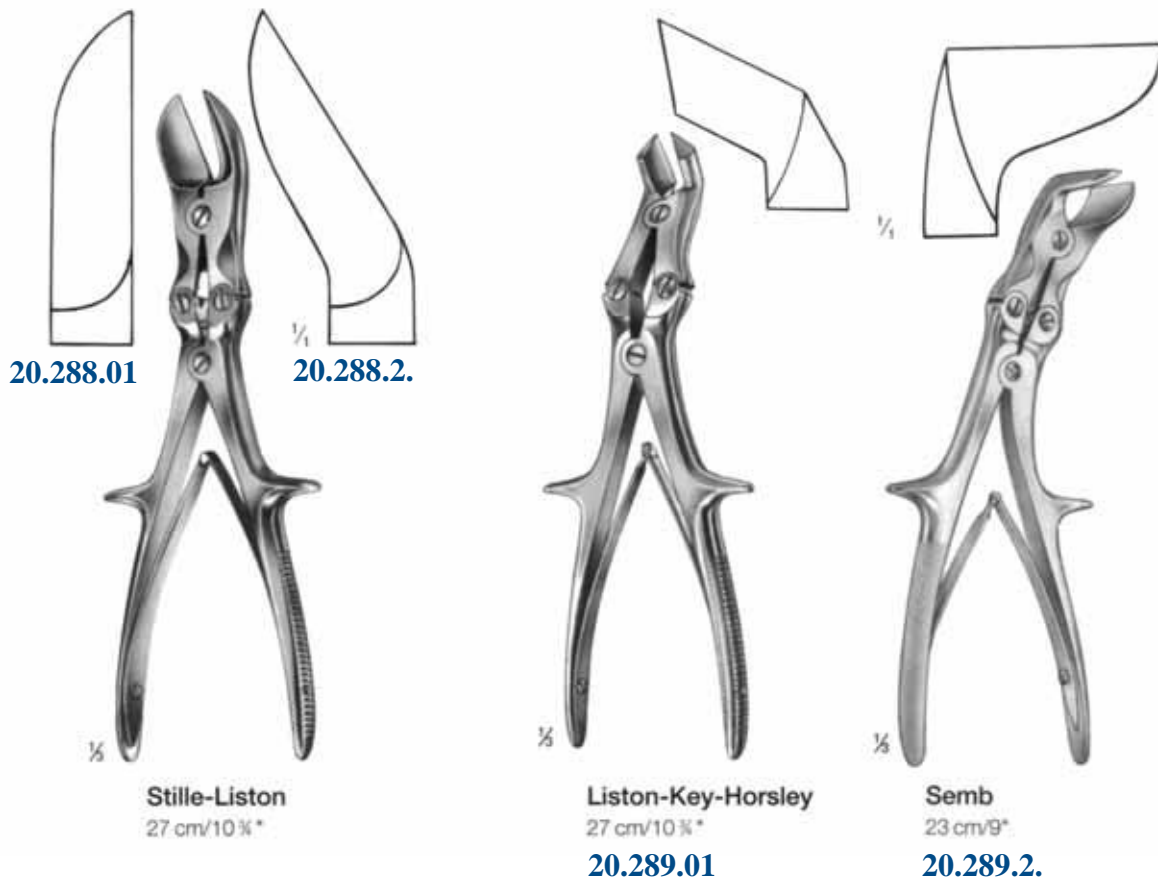
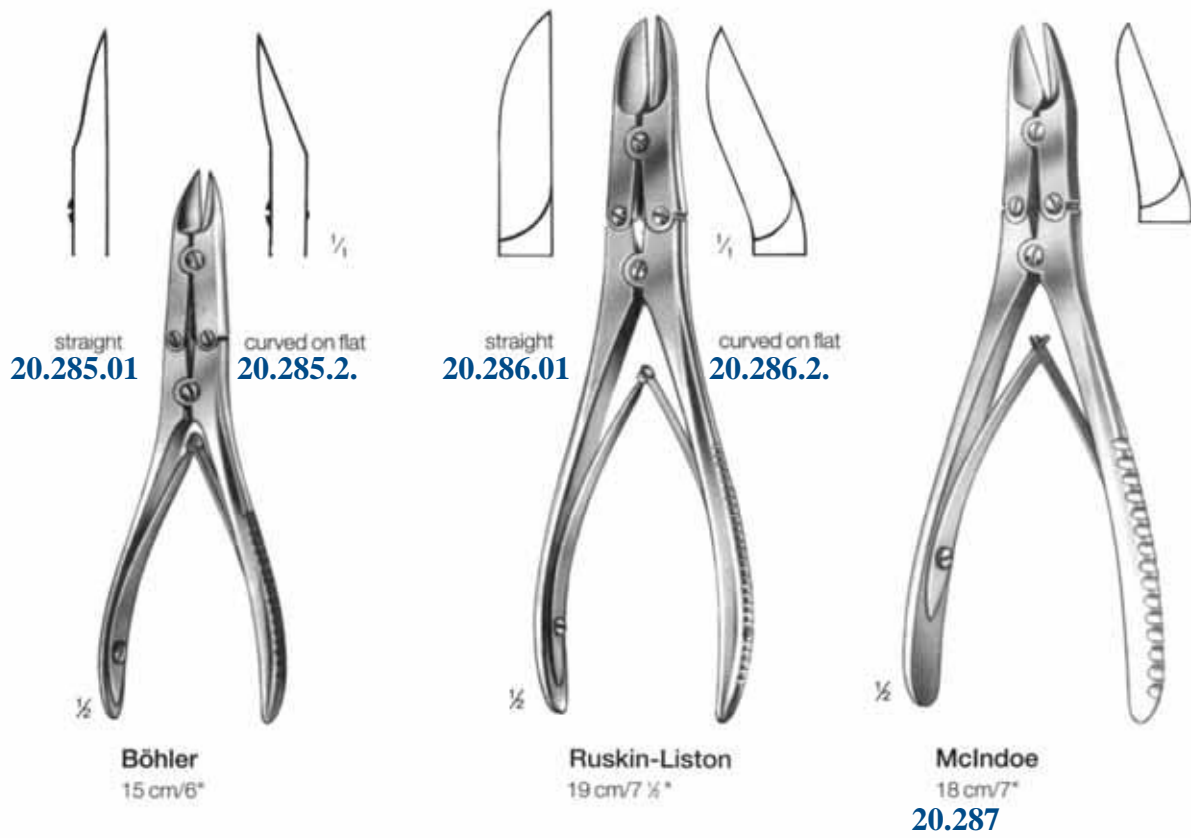


19 cm/7 1/2"  
22 cm/8 3/4"

cm	inch.	Liston
14	5 1/2	<b>20.284.01</b>
17	6 3/4	<b>20.284.2.</b>
19	7 1/2	<b>20.284.03</b>
22	8 3/4	<b>20.284.04</b>

# General Orthopedics Surgical Instruments

## Bone cutting forceps



# General Orthopedics Surgical Instruments

## Brain and neuro surgery

Wire Saws, braided, untearable

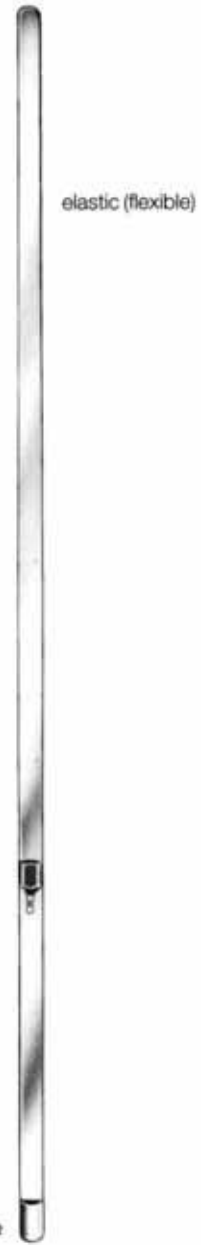


soldered		coarse, 4 wires twisted	
cm	inch		
30	12	20.290.01	20.291.01
40	15 <sup>3/4</sup>	20.290.2.	20.291.2.
50	19 <sup>3/4</sup>	20.290.03	20.291.03
60	19 <sup>1/2</sup>	20.290.04	20.291.04
70	27 <sup>1/2</sup>	20.290.05	20.291.05

Olivecrona

Gigli

Conductors



elastic (flexible)

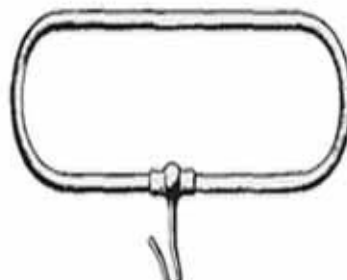
Hook Handle, turnable, for wire saws



1/2

Gigli

20.292



Gigli

20.293

1/2

DeMartel (Bailey)

33 cm/13"

20.294



# Brain and Neurosurgery

## Suction Tubes & Ventriculo puncture Cannulas



**Frazier**

17 cm/6 3/4" \*  
 = 2,0 mm Ø 20.295.01  
 = 2,7 mm Ø 20.295.2.  
 = 3,3 mm Ø 20.295.03  
 = 4,0 mm Ø 20.295.04



**Fergusson**

17 cm/6 3/4" \*  
 = 2,0 mm Ø 20.296.01  
 = 2,7 mm Ø 20.296.2.  
 = 3,3 mm Ø 20.296.03  
 = 4,0 mm Ø 20.296.04



Insulated

**Frazier**

Charr./F.G. 19.0cm 90°  
 7 20.297.01  
 9 15.297.2.  
 11 20.297.03



**Adson Charr. 12**  
 14cm/5 1/4", 3 mm Ø 20.298.01  
 21 cm/8 1/4", 4 mm Ø 20.298.2.



**Frazier**

mm 12.0cm  
 2.0 20.299.01  
 2.5 20.299.2.  
 3.0 20.299.03

### Ventriculo puncture Cannulas



**CONE**  
 9.0cm

Charr./F.G.  
 12 15.300.01  
 13 15.300.2.  
 14 15.300.03  
 15 15.300.04  
 16 15.3 1.01  
 17 15.3 1.2.  
 18 15.3 1.03  
 20 15.3 1.04

# GEOORTHO Brain and Neurosurgery

## Suction Tubes

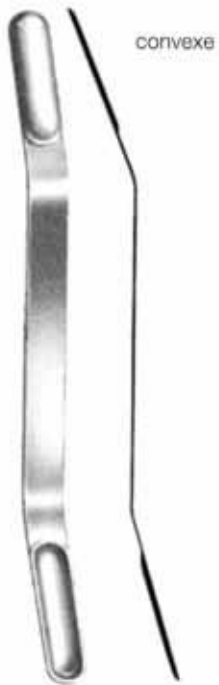


**YASARGIL**

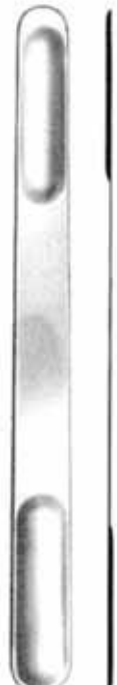
1.5 mm	2.0 mm	2.5 mm	3.5 mm	
<b>20.32.01</b>	<b>20.33.01</b>	<b>20.34.01</b>	<b>20.35.01</b>	<b>13 cm</b>
<b>20.32.2.</b>	<b>20.33.2.</b>	<b>20.34.2.</b>	<b>20.35.2.</b>	<b>15 cm</b>
<b>20.32.03</b>	<b>20.33.03</b>	<b>20.34.03</b>	<b>20.35.03</b>	<b>18 cm</b>
<b>20.32.04</b>	<b>20.33.04</b>	<b>20.34.04</b>	<b>20.35.04</b>	<b>22 cm</b>

# General Orthopedics Surgical Instruments

## Brain Spatula



**Olivecrona**  
18 cm/7\*



**Olivecrona**  
18 cm/7\*



**Heifetz**  
20 cm/6\*



Width of spatulas

7mm + 9mm	<b>20.36.01</b>
11mm + 13mm	<b>20.36.2.</b>
15mm + 18mm	<b>20.36.03</b>
18mm + 22mm	<b>20.36.04</b>

Width of spatulas

7mm + 9mm	<b>20.37.01</b>
11mm + 13mm	<b>20.37.2.</b>
15mm + 18mm	<b>20.37.03</b>
18mm + 22mm	<b>20.37.04</b>

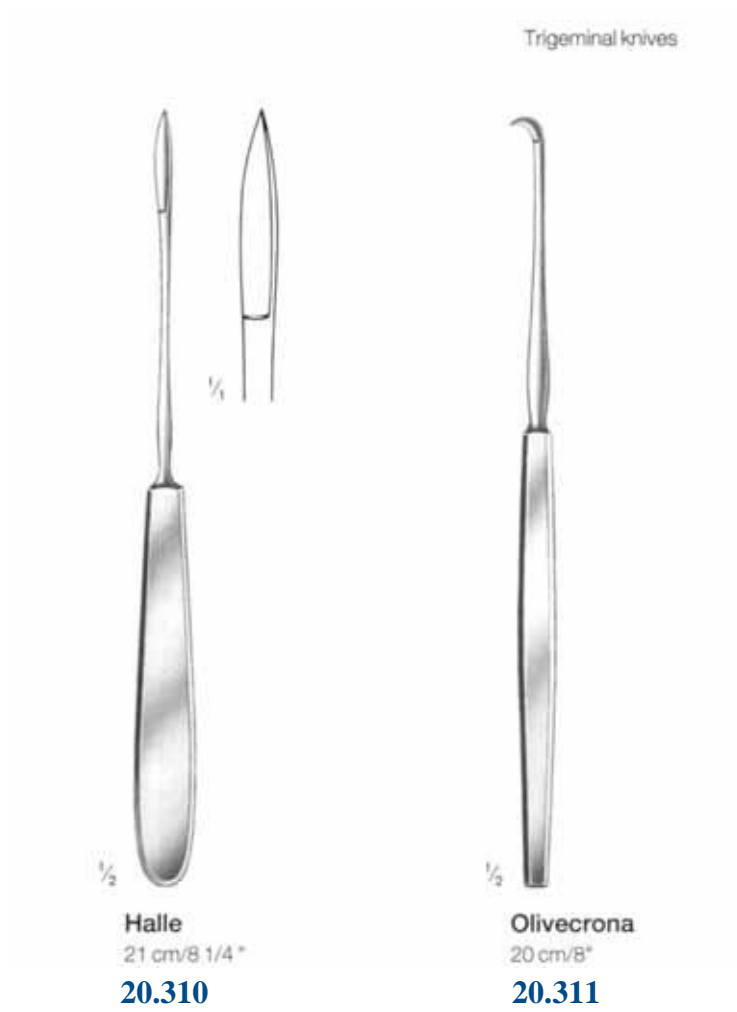
Width of spatulas

13mm + 14mm	<b>20.38.01</b>
16mm + 17mm	<b>20.38.2.</b>
19mm + 20mm	<b>20.38.03</b>

9 mm	20 cm	<b>15.309.01</b>
12 mm	20 cm	<b>15.309.2.</b>
12 mm	25 cm	<b>15.309.03</b>

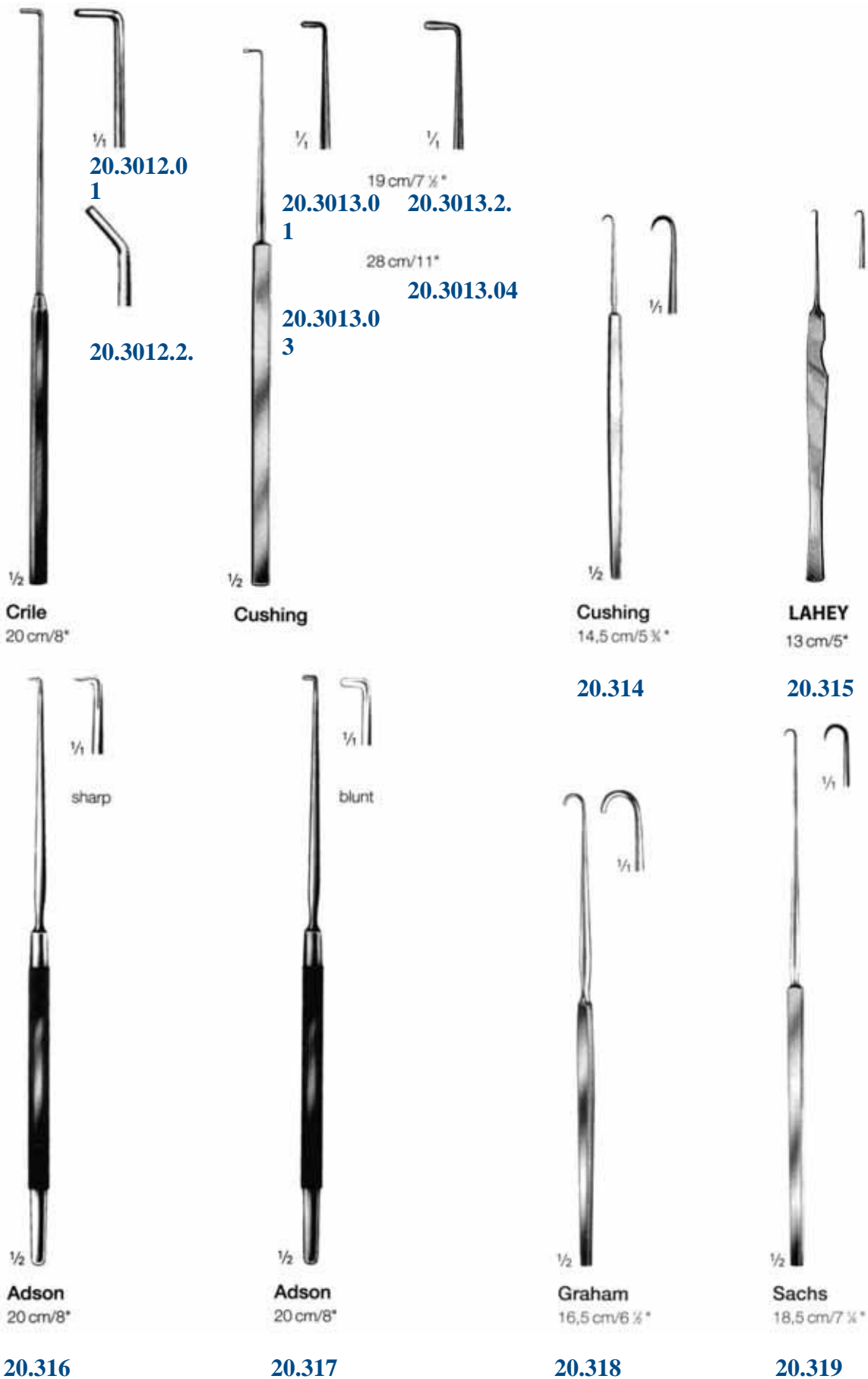
# General Orthopedics Surgical Instruments

## Dura and trigeminal knives



# General Orthopedics Surgical Instruments

## Nerve Hooks



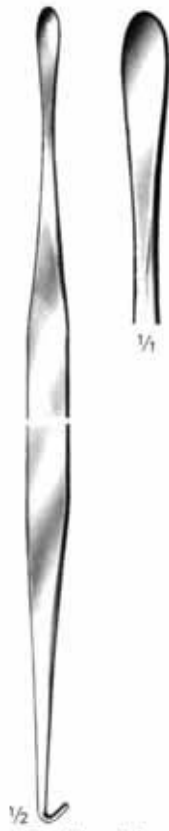
# General Orthopedics Surgical Instruments

## Dura hooks nerve root retractors



25 x 75 mm

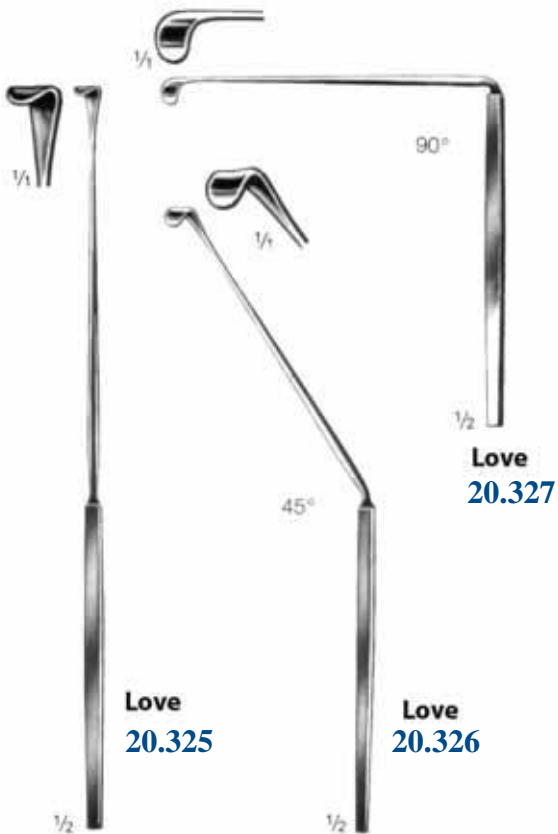
**Hibbs**  
24 cm, 9 1/2"  
**20.320**



**Smithwick**  
29 cm/11 1/4"  
**20.321**



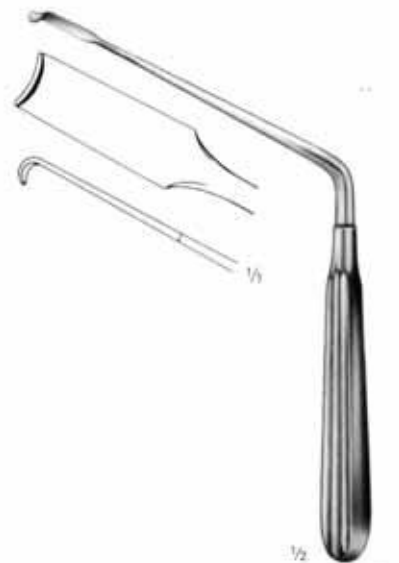
**Dandy** 20 cm/8" **20.322**  
**Dandy** 20 cm/8" **20.323**  
**Dandy** 20 cm/8" **20.324**



**Love**  
**20.325**

**Love**  
**20.326**

**Love**  
**20.327**



**Scoville**  
20 cm/8"  
**20.328**

# General Orthopedics Surgical Instruments

## Dura dissectors



# General Orthopedics Surgical Instruments

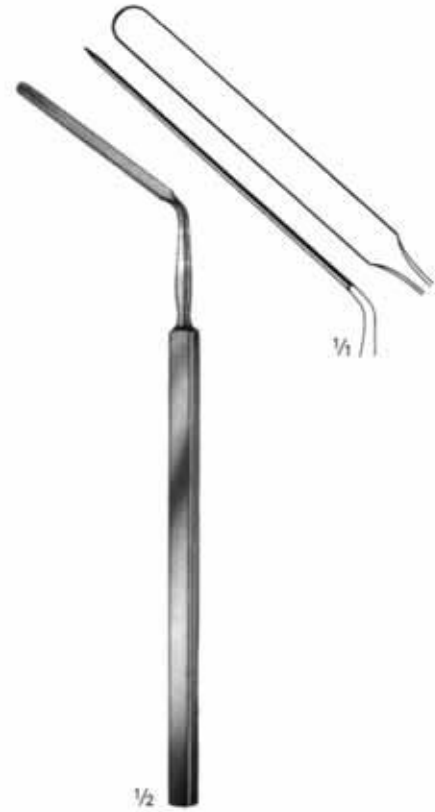
## Dissectors, Dura separators



**Davis**  
24,5 cm/9 3/4"  
**20.334**



**Sachs**  
21 cm/8 1/4"  
**20.335**



**Horsley**  
20 cm/8"  
**20.336**



**Frazier**  
15 cm/6"  
**20.337**



**Hoen**  
15 cm/6"  
**20.338**



**Hoen**  
15 cm/6"  
**20.339**



# General Orthopedics Surgical Instruments

## Dissectors, Dura separators



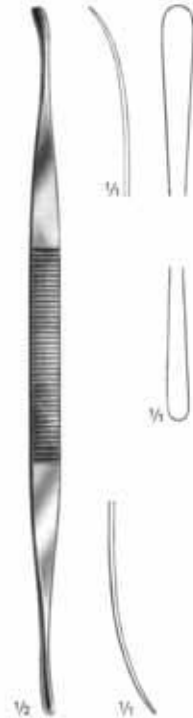
Olivecrona

19,5 cm/7 1/2"      24 cm, 9 1/2"  
**20.340.01      20.340.2.**



Olivecrona

18,5 cm/7 1/4"      24 cm, 9 1/2"  
**20.341.01      20.341.2.**



Tönnis

24 cm/9 1/2"  
**20.342**



Sachs

21 cm/8 1/4"      \*  
**20.343**



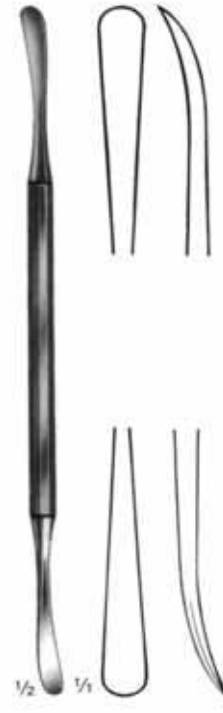
Sachs

21 cm/8 1/4"      \*  
**20.344**



Milligan

21 cm/8 1/4"      \*  
**20.345**



22 cm/8 1/2"      \*

**20.346**

# General Orthopedics Surgical Instruments

## Instruments for Brain suture



**McKENZIE**  
20.347.01 15 cm/6  
20.347.2. 19 cm/7



**McKENZIE**  
20.348.01 15 cm/6  
20.348.2. 19 cm/7



**SMITHWICK**  
20.349.01 23 cm /8  
20.349.2. 26 cm /5



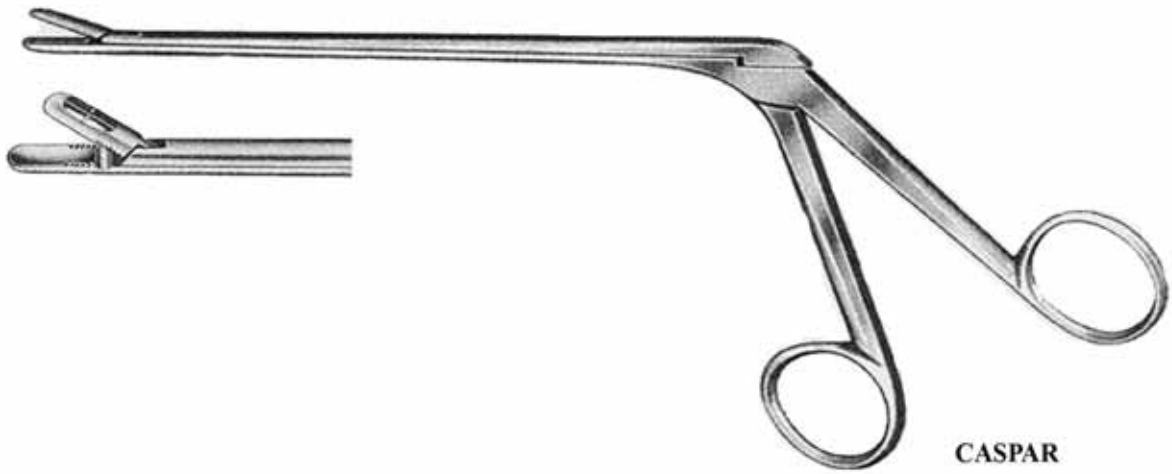
**SWEET**  
20.350.01 23 cm /8  
20.350.2. 26 cm /5



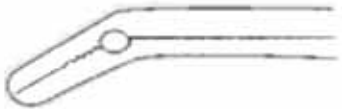







**OLIVECRONA-TOENNIS**  
20.351 14 cm /5

# General Orthopedics Surgical Instruments

## Laminectomy rongeurs



				
 <b>2 × 12mm</b>	L cm			
	14.0	20.352.01	20.353.01	20.354.01
	16.0	20.352.2.	20.353.2.	20.354.2.
	18.5	20.352.03		
 <b>3 × 12mm</b>	L cm			
	14.0	20.352.04	20.353.03	20.354.03
	16.0	20.352.05	20.353.04	20.354.04
	18.5	20.352.06	20.353.05	20.354.05
 <b>4 × 14mm</b>	L cm			
	14.0	20.352.07	20.353.06	20.354.06
	16.0	20.352.08	20.353.07	20.354.07
	18.5	20.352.09	20.353.08	20.354.08
 <b>5 × 16mm</b>	L cm			
	14.0	20.352.10	20.353.09	
	16.0	20.352.11	20.353.10	20.354.09
	18.5	20.352.12	20.353.11	20.354.10
 <b>6 × 16mm</b>	L cm			
	14.0	20.352.13		
	16.0	20.352.14		
	18.5	20.352.15		

# General Orthopedics Surgical Instruments

## Laminectomy rongeurs



### CUSHING

2,0 mm



L cm	<b>2 x 10mm/45°</b>
012.5	<b>20.355.01</b>
18	<b>20.355.2.</b>
18	<b>20.355.03</b>



L cm	<b>2 x 10mm/45°</b>
012.5	<b>20.356.01</b>
18	<b>20.356.2.</b>
18	<b>20.356.03</b>



L cm	<b>2 x 10mm/45°</b>
012.5	<b>20.357.01</b>
18	<b>20.357.2.</b>
18	<b>20.357.03</b>

### LOVE-GREUNWALD

3,0 mm



L cm	<b>2 x 10mm/45°</b>
012.5	<b>20.358.01</b>
18	<b>20.358.2.</b>
18	<b>20.358.03</b>



L cm	<b>2 x 10mm/45°</b>
012.5	<b>20.359.01</b>
18	<b>20.359.2.</b>
18	<b>20.359.03</b>



L cm	<b>2 x 10mm/45°</b>
012.5	<b>20.360.01</b>
18	<b>20.360.2.</b>
18	<b>20.360.03</b>

### SPURLING

4,0 mm



L cm	<b>2 x 10mm/45°</b>
012.5	<b>20.361.01</b>
18	<b>20.361.2.</b>
18	<b>20.361.03</b>



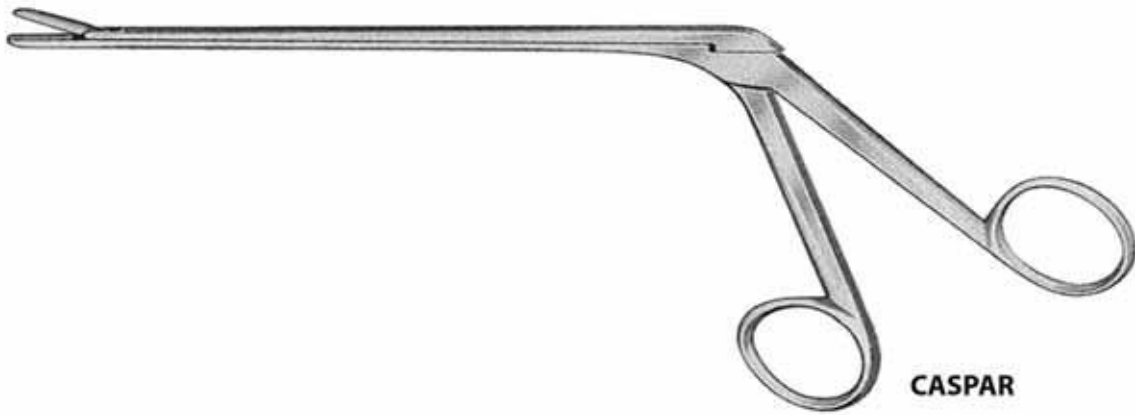
L cm	<b>2 x 10mm/45°</b>
012.5	<b>20.362.01</b>
18	<b>20.362.2.</b>
18	<b>20.362.03</b>



L cm	<b>2 x 10mm/45°</b>
012.5	<b>20.363.01</b>
18	<b>20.363.2.</b>
18	<b>20.363.03</b>

# General Orthopedics Surgical Instruments

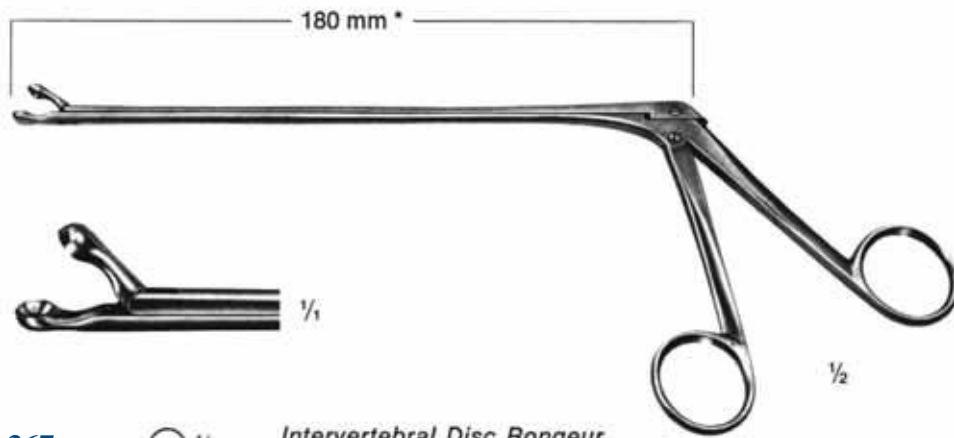
## Laminectomy rongeurs



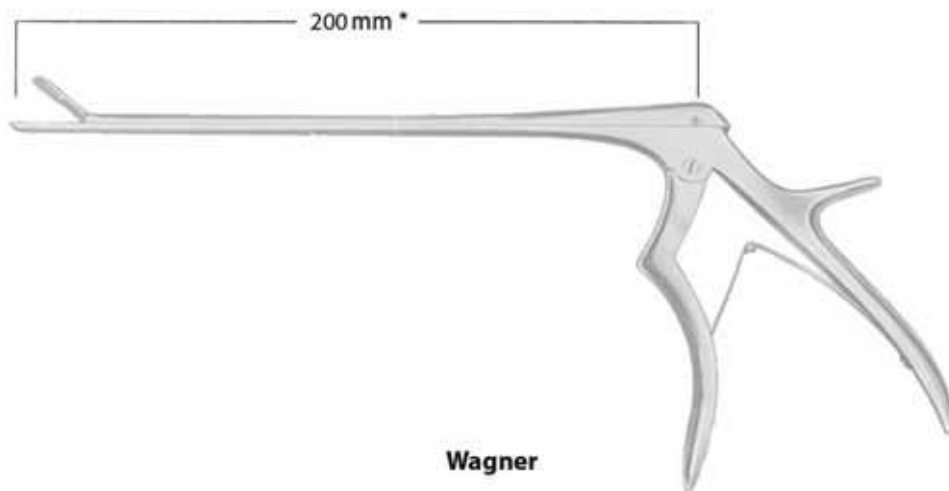
	L cm 15.5	<b>20.364.01</b>	<b>20.365.01</b>	<b>20.366.01</b>
	L cm 15.5	<b>20.364.2.</b>	<b>20.365.2.</b>	<b>20.366.2.</b>
	L cm 15.5	<b>20.364.03</b>	<b>20.365.03</b>	<b>20.366.03</b>
	L cm 15.5	<b>20.364.04</b>		

# General Orthopedics Surgical Instruments

## Laminectomy rongeurs



- |          |        |        |  |
|----------|--------|--------|--|
| Oldberg  | 20.367 | ○ 1/16 | <i>Intervertebral Disc Rongeur, 7 mm diameter round cup, 180 mm long.*</i>   |
| Yasargil | 20.368 | ○ 1/16 | <i>Intervertebral Disc Rongeur, 2.2 mm diameter round cup, 180 mm long.*</i> |
| Yasargil | 20.369 | ○ 1/16 | <i>Intervertebral Disc Rongeur, 3.5 mm diameter round cup, 180 mm long.*</i> |
| Landolt  | 20.370 | ○ 1/16 | <i>Intervertebral Disc Rongeur, 9 mm diameter round cup, 180 mm long.*</i>   |

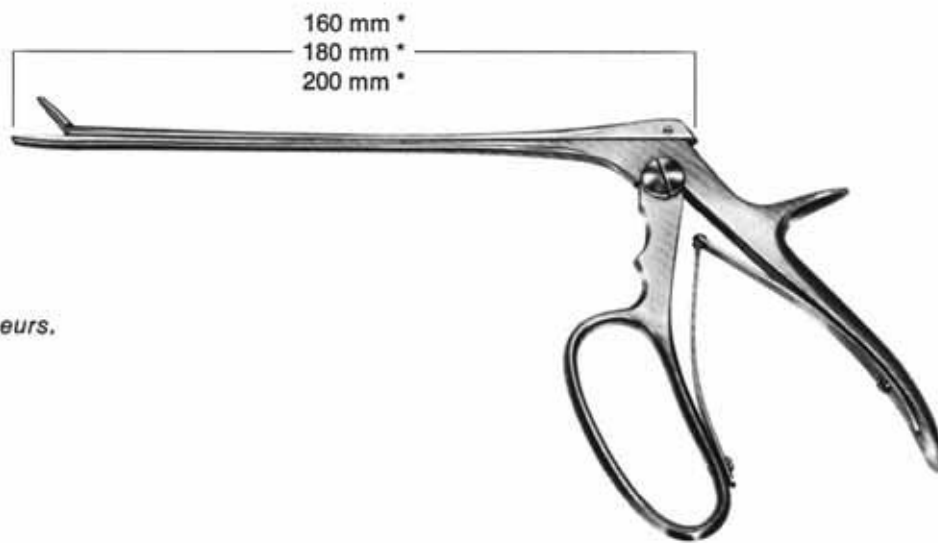


**Wagner**








*Intervertebral Disc Rongeur,  
5.5 mm diameter  
20.371*

# General Orthopedics Surgical Instruments

## Laminectomy rongeurs

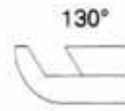
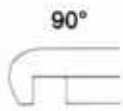
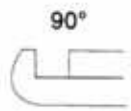
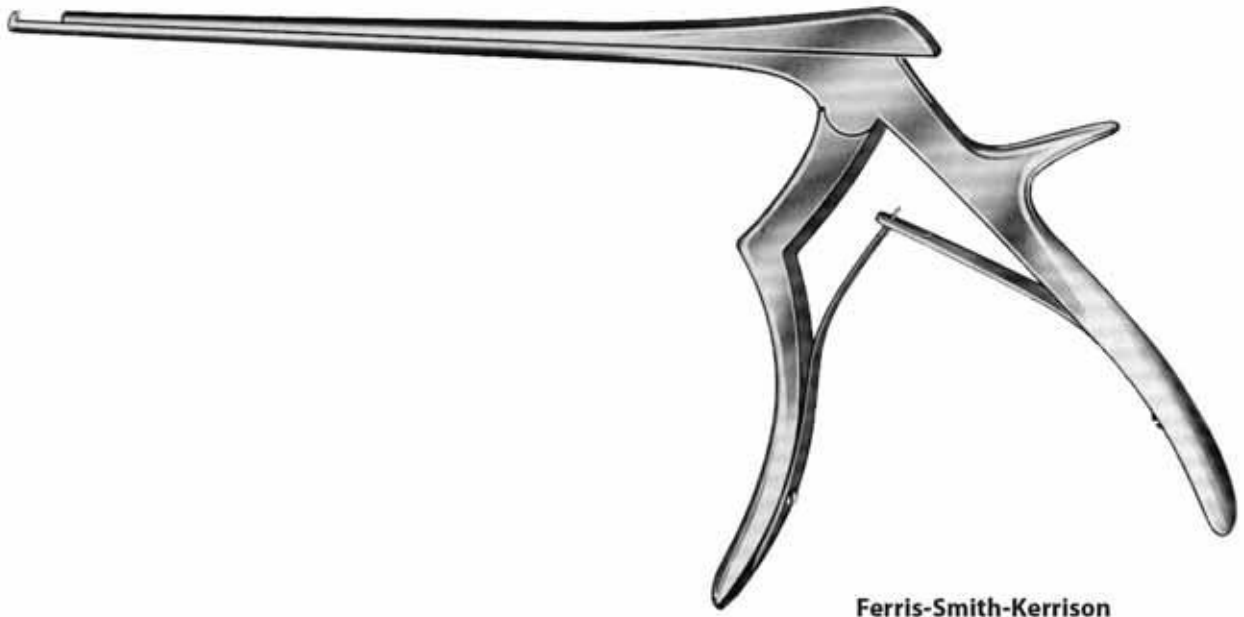


*Ferris-Smith Rongeurs.*

		Maulbreiten width of jaw	Längen / length	
			160 mm *	180 mm *
<i>Straight Jaws</i>		1/1  3,0 mm	<b>20.372.01</b>	<b>20.372.2.</b>
<i>Jaws 30° angled upward</i>		1/1  3,0 mm	<b>20.373.01</b>	<b>20.373.2.</b>
<i>Jaws 30° angled downward</i>		1/1  3,0 mm	<b>20.374.01</b>	<b>20.374.2.</b>

# General Orthopedics Surgical Instruments

## Laminectomy rongeurs



2 mm

3 mm

4 mm

5 mm

180 mm / 7"

180 mm / 7"

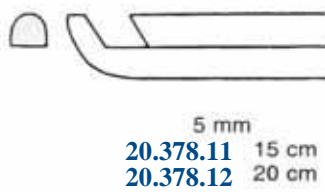
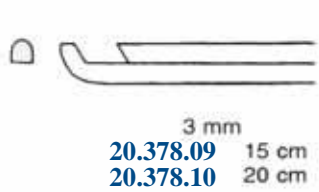
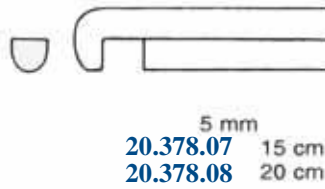
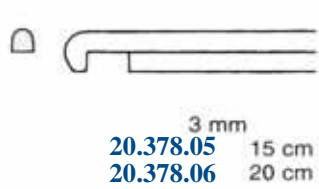
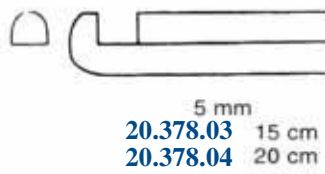
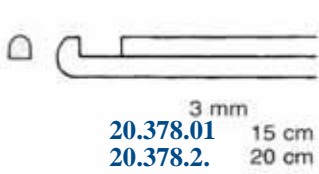
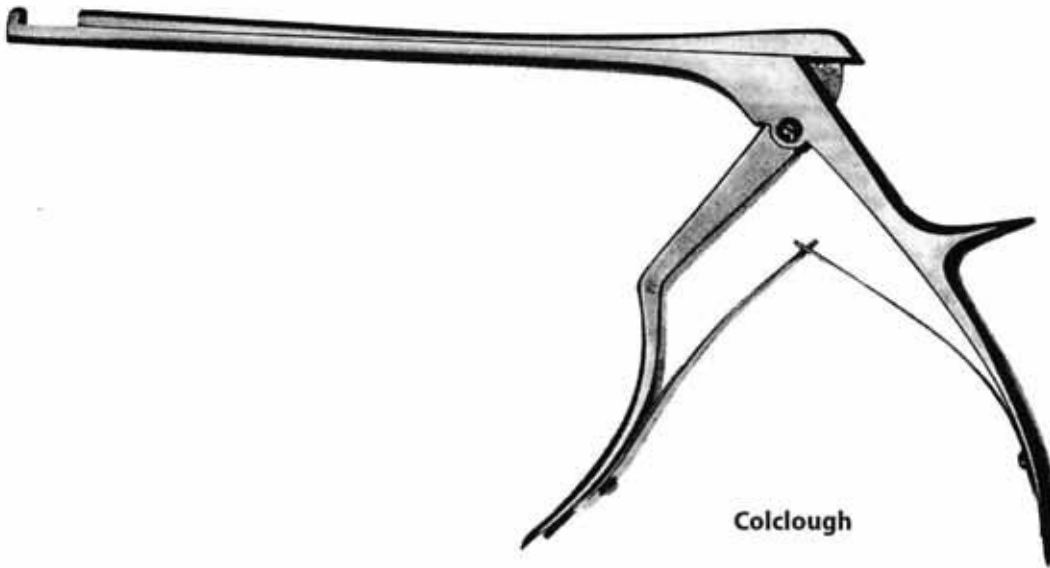
180 mm / 7"

180 mm / 7"



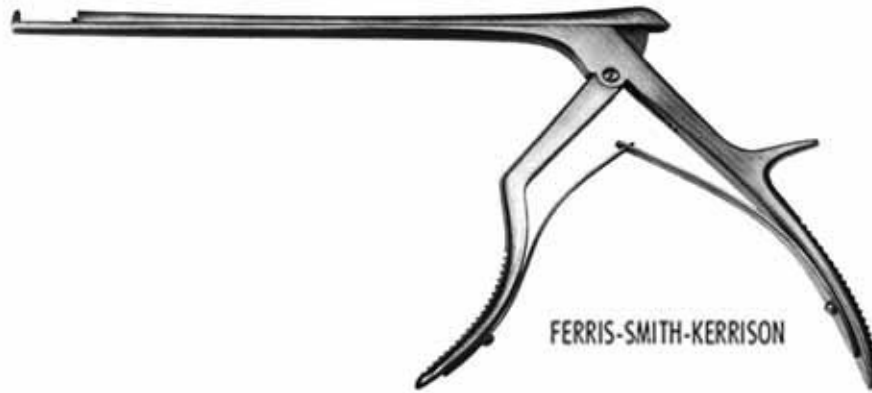
# General Orthopedics Surgical Instruments

## Intervertebral Disc Rongeurs



# General Orthopedics Surgical Instruments

## Laminectomy rongeurs



UP 90



cm	mm	Titanium
18	1	20.379.01
20	1	20.379.2.
23	1	20.379.03
25	1	20.379.04

cm	mm	Titanium
18	2	15.379.05
20	2	15.379.06
23	2	15.379.07
25	2	15.379.08

cm	mm	Titanium
18	3	
20	3	15.379.09
23	3	15.379.10
25	3	15.379.11



cm	mm	Titanium
18	4	20.379.12
20	4	20.379.13
23	4	20.379.14
25	4	20.379.15



cm	mm	Titanium
18	5	15.379.16
20	5	15.379.17
23	5	15.379.18
25	5	15.379.19



cm	mm	Titanium
18	6	
20	6	15.379.20
23	6	15.379.21
25	6	15.379.22

DOWN 90



cm	mm	Titanium
18	1	20.380.01
20	1	20.380.2.
23	1	20.380.03
25	1	20.380.04

cm	mm	Titanium
18	2	15.380.05
20	2	15.380.06
23	2	15.380.07
25	2	15.380.08

cm	mm	Titanium
18	3	15.380.09
20	3	15.380.10
23	3	15.380.11
25	3	15.380.12



cm	mm	Titanium
18	4	20.380.13
20	4	20.380.14
23	4	20.380.15
25	4	20.380.16



cm	mm	Titanium
18	5	15.380.17
20	5	15.380.18
23	5	15.380.19
25	5	15.380.20



cm	mm	Titanium
18	6	15.380.21
20	6	15.380.22
23	6	15.380.23
25	6	15.380.24

# General Orthopedics Surgical Instruments

## Brain and neuro surgery

### Skull Punches



**Devilbiss**  
21,0 cm  
**20.381**



**Dahlgren**  
20,0 cm  
**20.382**



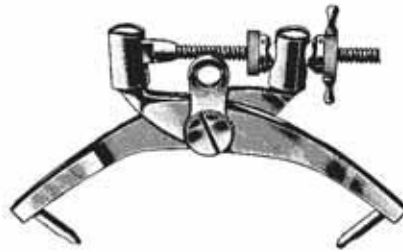
**Cone**  
20,0 cm  
**20.383.01**  
23,0 cm  
**20.383.2.**

# General Orthopedics Surgical Instruments

## Cervical Traction Tongs



20.384



Crutchfield  
20.385



Crutchfield  
20.386



20.387  
3,5 mm Ø



5 mm Ø  
20.388



Galea Hooks

Ø 7 mm

4 mm

Yasargil  
31 cm, 12 1/4"  
20.389



Ø 9 mm

6 mm

Yasargil  
41 cm, 16"  
20.390



Adson  
15 cm, 6"  
20.391

Drill Guide and Dura Protecting Forceps

# General Orthopedics Surgical Instruments

## Pituitary Instruments



scoop, malleable



FAHLBUSCH  
20.392.01

1/1

raspatories, rigid



LANDOLT-REULEN  
20.392.2.

ø 3,2 mm

curette, malleable



FAHLBUSCH  
20.392.03

ø 2,5 mm

curette, rigid



LANDOLT-REULEN  
20.392.04

ø 2,5 mm

dissector, rigid



LANDOLT-REULEN  
20.392.05

2,0 mm

raspatories, rigid



LANDOLT-REULEN  
20.392.06

ø 2,2 mm

blunt hook, rigid



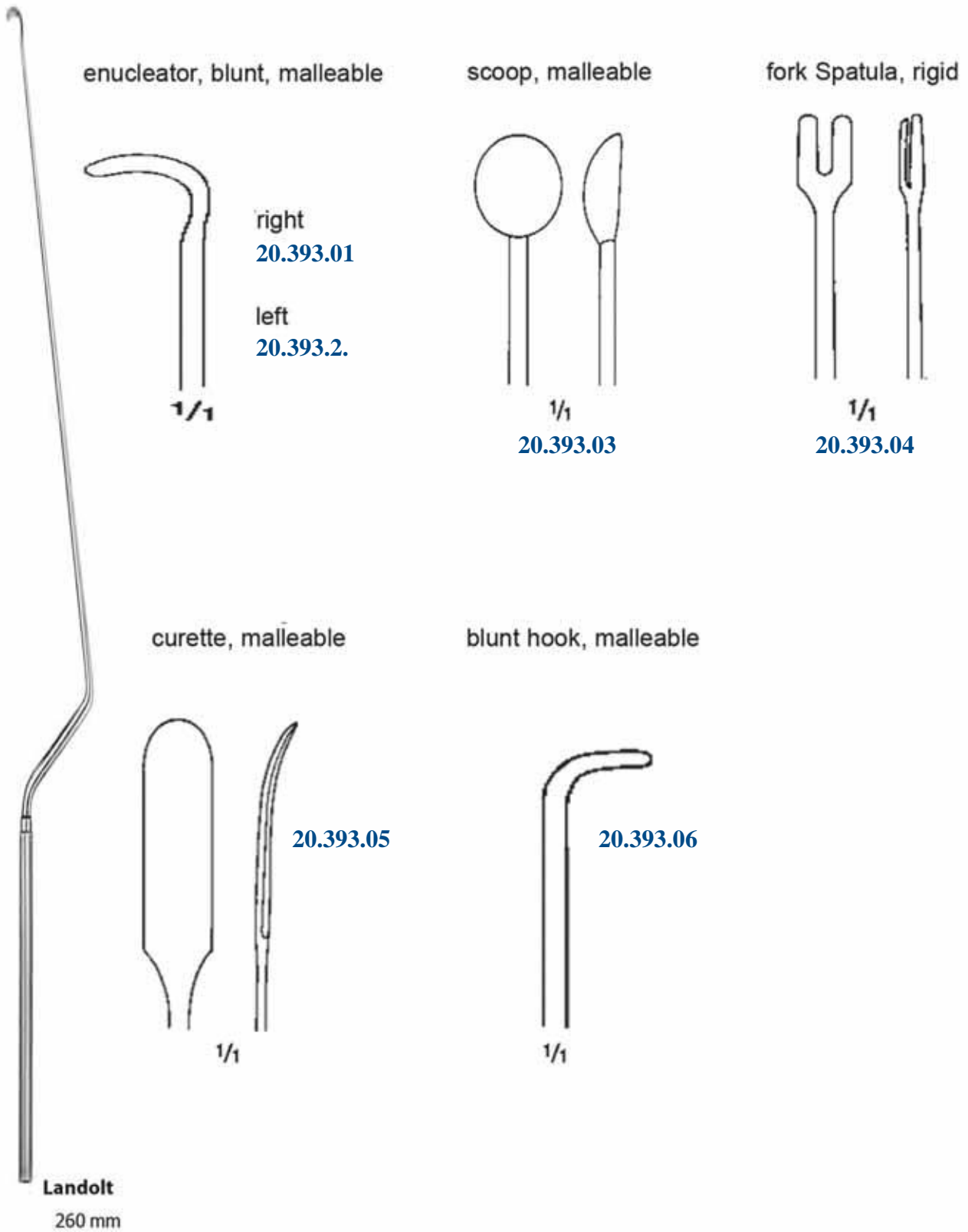
LANDOLT-REULEN  
20.392.07

1,7 mm

Fahlbusch  
260 mm

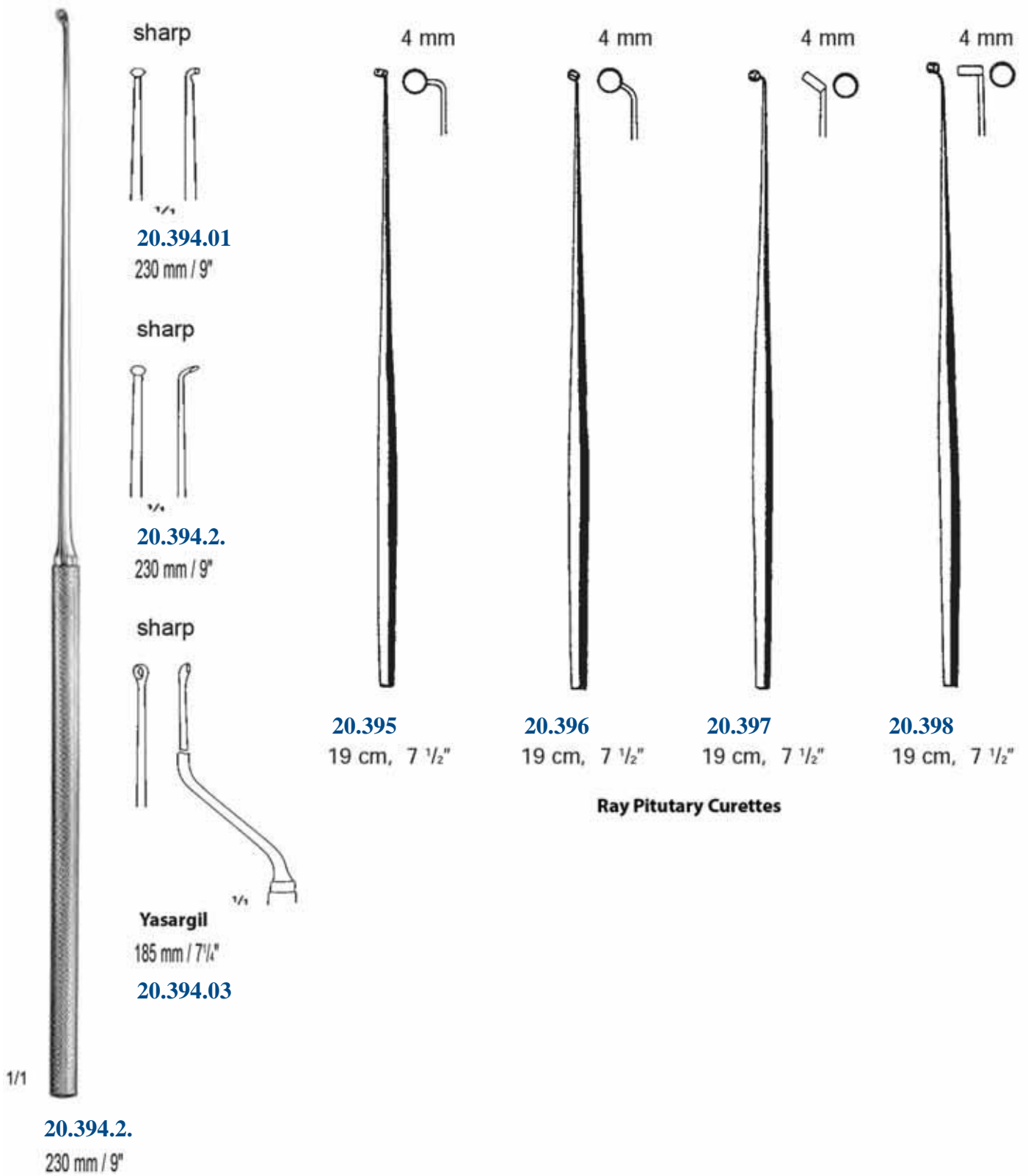
# General Orthopedics Surgical Instruments

## Pituitary Instruments



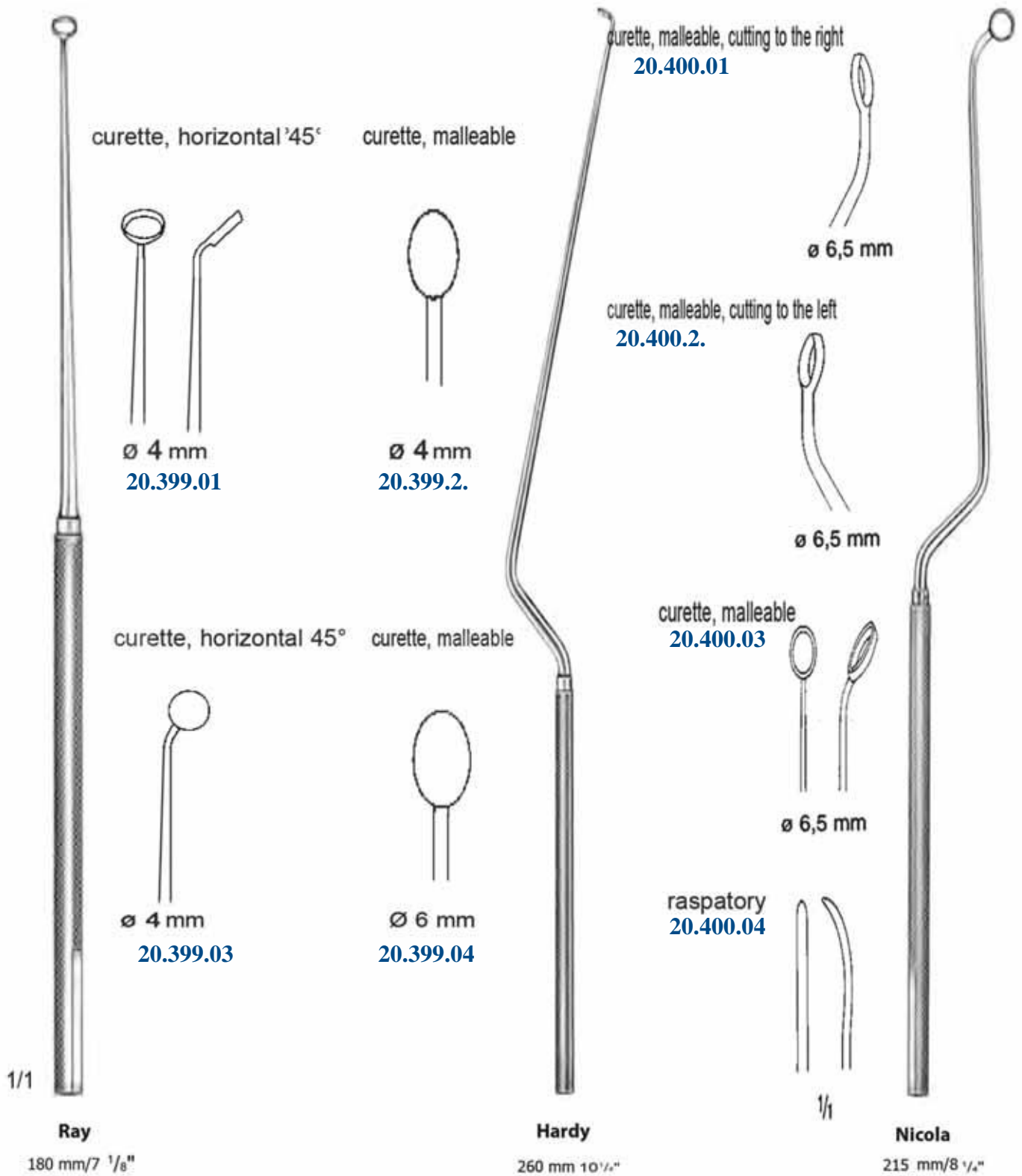
# General Orthopedics Surgical Instruments

## Pituitary Instruments



# General Orthopedics Surgical Instruments

## Pituitary Instruments





# General Orthopedics Surgical Instruments

## Pituitary Instruments



<sup>1/1</sup>  
**20.4 1.01**  
230 mm / 9"

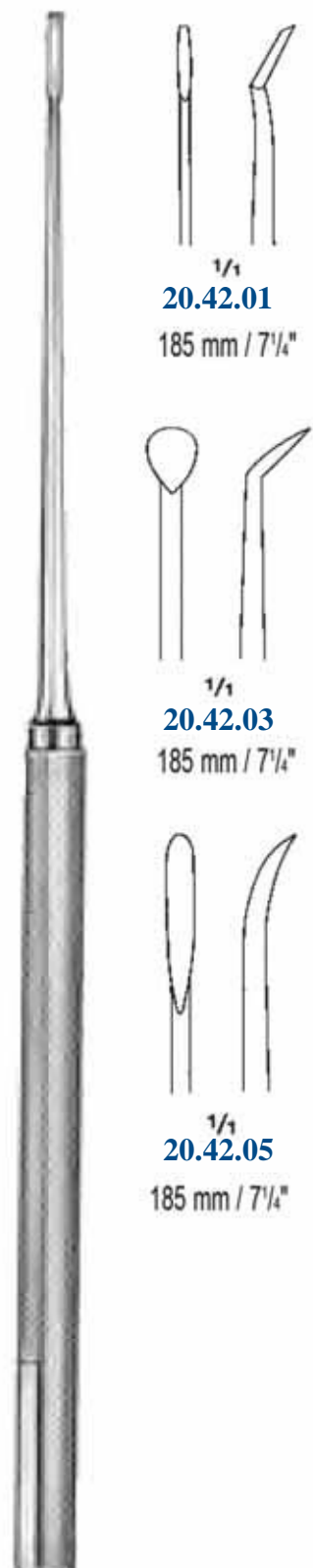
<sup>1/1</sup>  
**20.4 1.2.**  
185 mm / 7<sup>1</sup>/<sub>4</sub>"

<sup>1/1</sup>  
**20.4 1.03**  
185 mm / 7<sup>1</sup>/<sub>4</sub>"

<sup>1/1</sup>  
**20.4 1.04**  
185 mm / 7<sup>1</sup>/<sub>4</sub>"

1/1

**Yasargil**  
185 mm / 7<sup>1</sup>/<sub>4</sub>"  
**20.4 1.03**



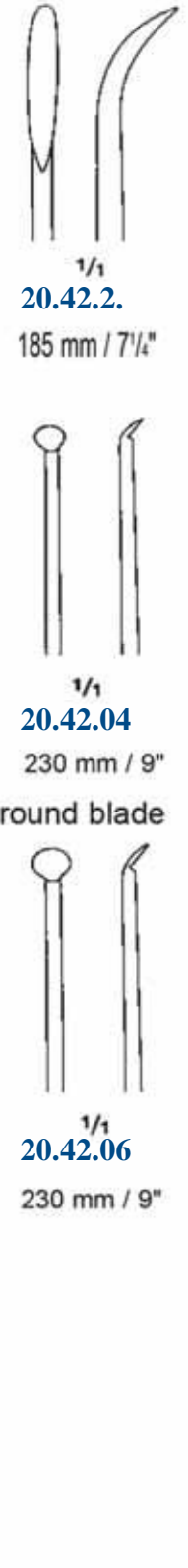
<sup>1/1</sup>  
**20.42.01**  
185 mm / 7<sup>1</sup>/<sub>4</sub>"

<sup>1/1</sup>  
**20.42.03**  
185 mm / 7<sup>1</sup>/<sub>4</sub>"

<sup>1/1</sup>  
**20.42.05**  
185 mm / 7<sup>1</sup>/<sub>4</sub>"

1/1

**Yasargil**  
185 mm / 7<sup>1</sup>/<sub>4</sub>"  
**20.42.01**



<sup>1/1</sup>  
**20.42.2.**  
185 mm / 7<sup>1</sup>/<sub>4</sub>"

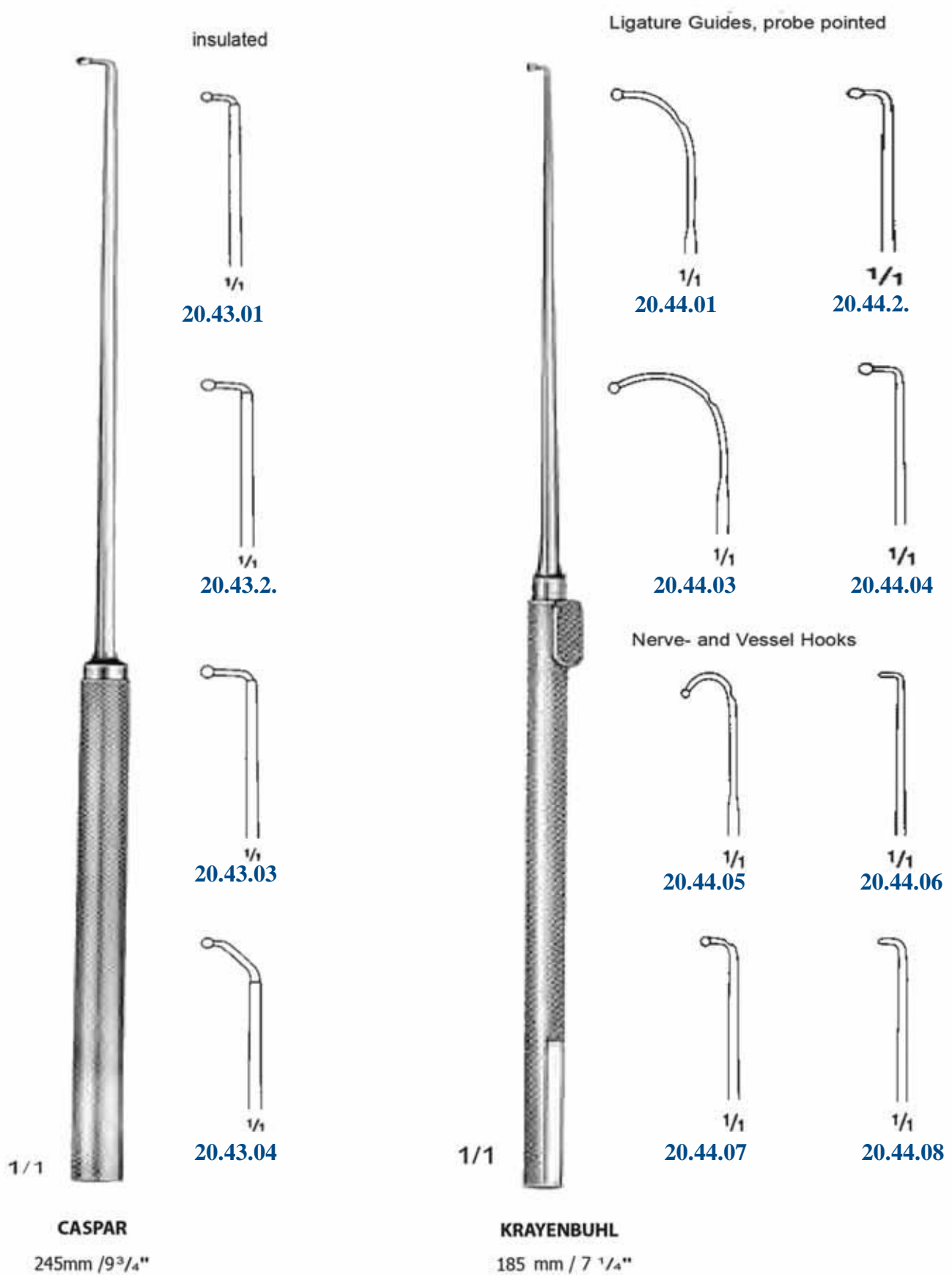
<sup>1/1</sup>  
**20.42.04**  
230 mm / 9"

round blade

<sup>1/1</sup>  
**20.42.06**  
230 mm / 9"

# General Orthopedics Surgical Instruments

## Pituitary Instruments



# General Orthopedics Surgical Instruments

## Pituitary Instruments

implant fork

20.45.01



enucleator, blunt

right

20.45.20.



left

20.45.03

dissector sharpened inner edge

20.45.04



20.45.05



enucleator, blunt

right

20.45.06



left

**Hardy**

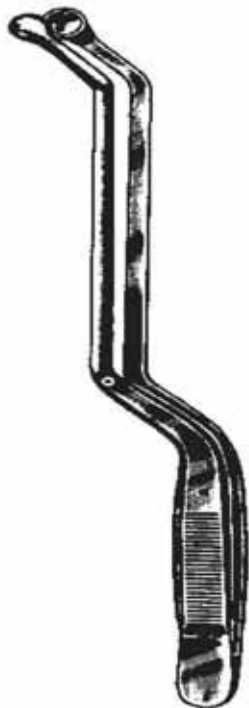
245 mm / 9 3/4"

# General Orthopedics Surgical Instruments

## Hypophyseal forceps and Hypophysektomie



**Adson**  
23 cm, 9"  
**20.406**



**Adson**  
23 cm, 9"  
**20.407**



**Adson**  
23 cm, 9"  
**20.408**

spreader for specula



1/2

210 mm 8 1/4"  
**20.409**



specula for trans-sphenoidale hypophysektomie



**Cushing- Landolt**



**Papavero-Caspar**

- 20.411.01** 80 x 11 mm
- 20.411.01** 90 x 13 mm
- 20.411.01** 100 x 15 mm

- 20.4010.0** 70 x 15 mm
- 1** 90 x 15 mm
- 20.4010.2.** 110 x 15 mm
- 20.4010.0**
- 3**

# General Orthopedics Surgical Instruments

## Lamina Spreaders



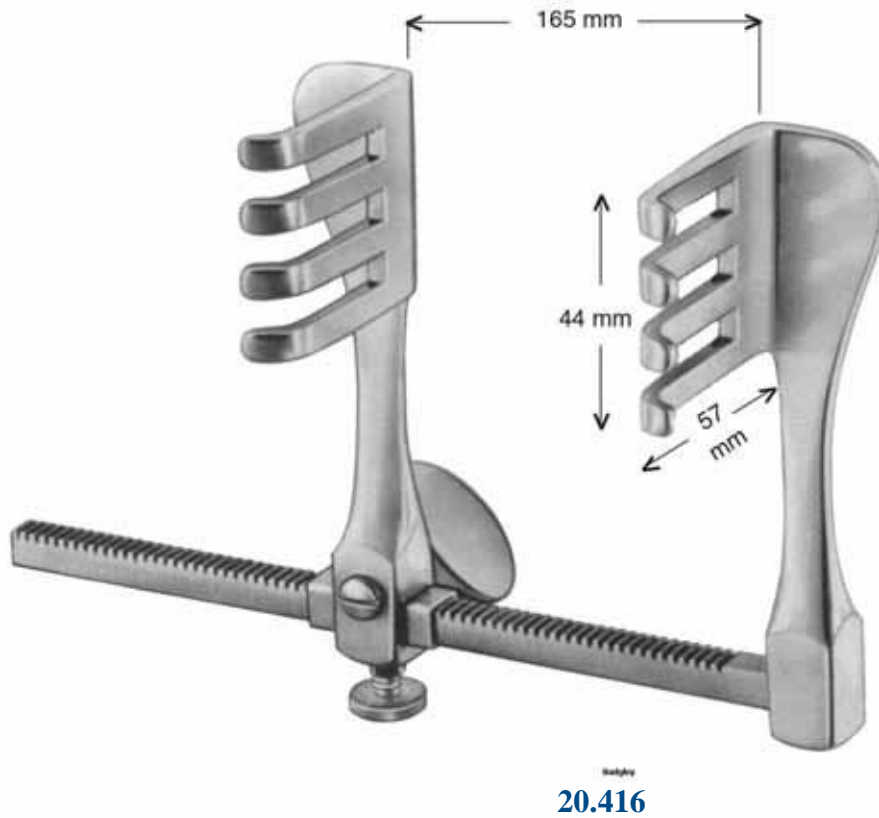
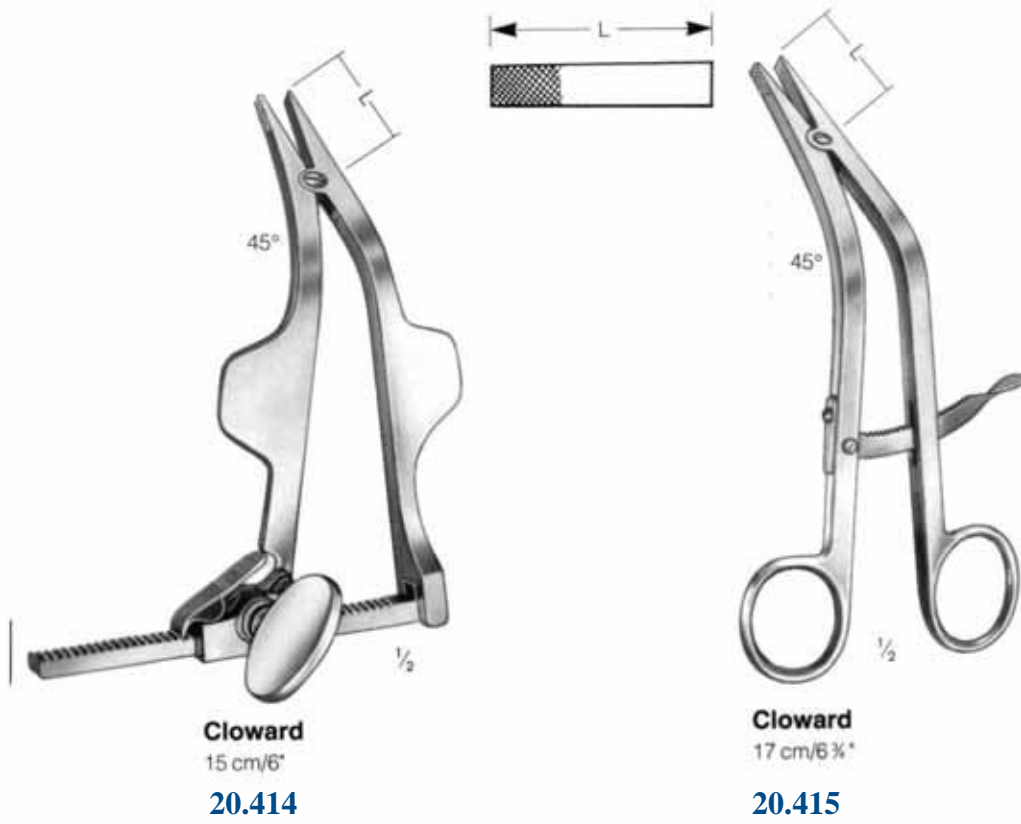
**20.412**



**20.413**

# General Orthopedics Surgical Instruments

## Self-retaining Laminectomy retractors



# General Orthopedics Surgical Instruments

## Leyla Retractors system



Ball- and Socket Joint,  
**20.417**



Holding Rod,  
head  
**20.418**



Coupling Head,  
to take 1-5 flexible arms  
**20.419**



**20.420**  
Flexible arm only,  
for attaching coupling heads



**20.421.01**  
Fixation Base, for skull mounting,  
holding 1 flexible arm

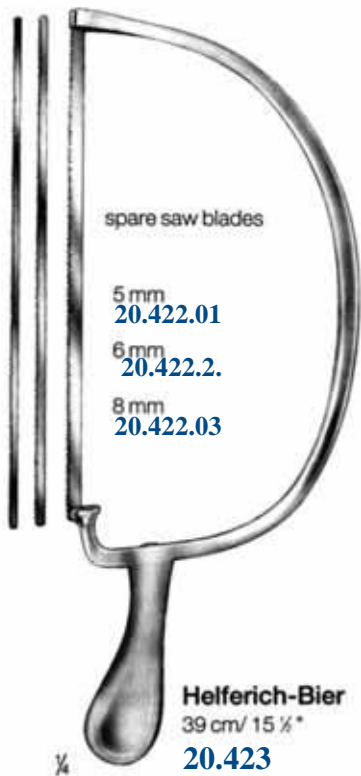


**20.421.2.**  
Fixation Base, for skull mounting,  
holding 2 flexible arms

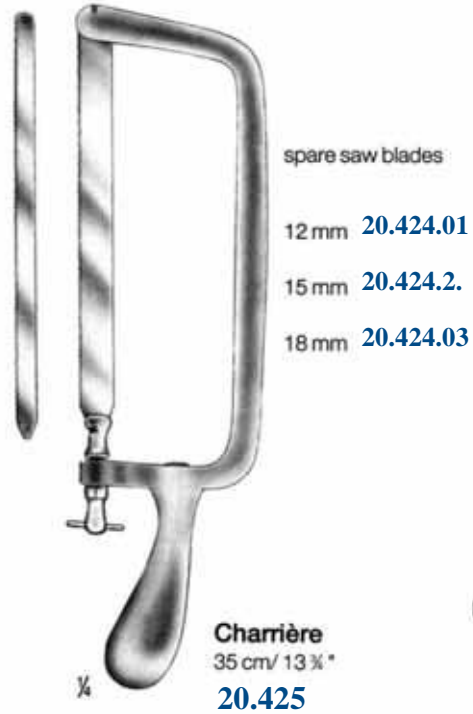


**20.421.03**  
Fixation Base, for mounting to bars up to  
16 mm diam., holding 1 flexible arm

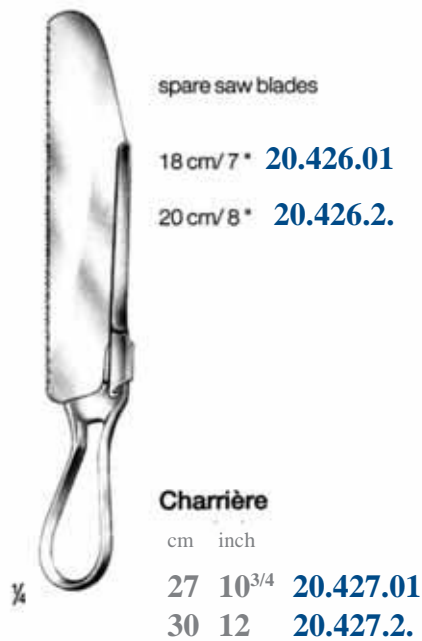
**Amputation**



with 1 each saw blade 5, 6 and 8 mm



with 2 saw blades, 12 m and 18 mm wide



Metacarpal Saw



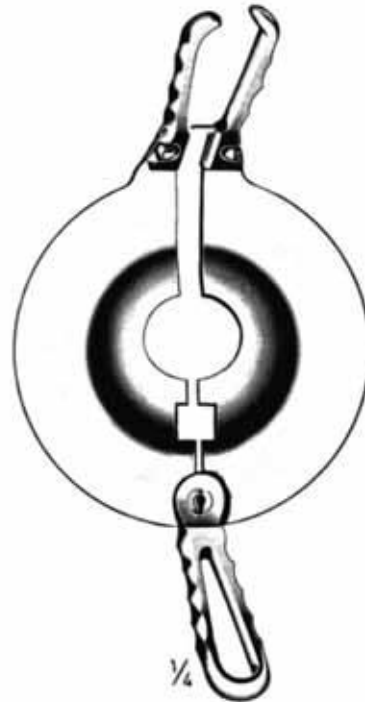
**Langenbeck**  
23 cm/ 9" \*  
20.430



**Amputation**



**Percy  
20.431**



**Percy  
20.432**

simple pattern, detachable handles



**COMPL  
20.433**

Compression Apparatus for producing blood vacuum in limbs

Wire twisters



Mayo-Hauberisser

Ⓟ

1/4



16 cm/6 1/4"  
20.434.01



16 cm/6 1/4"  
20.434.2.



18 cm/7"  
20.434.03



Berry

1/4

18 cm/7"  
20.435

2 mm



1/4

18 cm/7"  
20.436.01

4 mm



18 cm/7"  
20.436.2.

6 mm



18 cm/7"  
20.436.03



1/2



18 cm/7"

mm

5,0

20.437.01

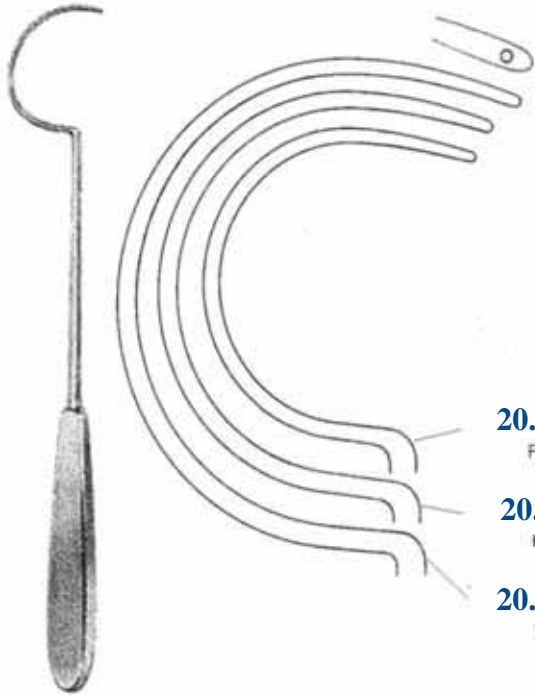
mm

7,0

20.437.2.

# GEOORHO- Traumatology

## Bone and wire instruments



**20.438.01**

Fig. 1

**20.438.2.**

Fig. 2

**20.438.03**

Fig. 3

**Demel**

28 cm/11"

**20.438.01 - 20.438.2.**



**Demel**

28 cm/11"

**20.439**



**Danis**

20 cm/8"

**20.440**



o mm

**45**

**20.441.01**

o mm

**70**

**20.441.2.**



Bone Wire ,soft  
With eye



Bone Wire ,soft

mm	Titanium
0.2	<b>20.443.01</b>
0.3	<b>20.443.2.</b>
0.4	<b>20.443.03</b>
0.5	<b>20.443.04</b>
0.6	<b>20.443.05</b>
0.7	<b>20.443.06</b>
0.8	<b>20.443.07</b>
0.9	<b>20.443.08</b>
1.0	<b>20.443.09</b>
1.1	<b>20.443.10</b>
1.2	<b>20.443.11</b>
1.5	<b>20.443.12</b>

L(cm)	mm	Titanium
28	0.8	<b>20.442.01</b>
28	1.0	<b>20.442.2.</b>
28	1.2	<b>20.442.03</b>
60	1.0	<b>20.442.04</b>
60	1.2	<b>20.442.05</b>



**Loute**

21 cm/8 1/4"

**20.444**

**Finger instruments**



**COMPL.incl 20.445**

Nail extracting forceps



1/4

**Radolf  
14 cm/5 1/2"  
20.446**

1/2

**20.447**



**Saw Blade  
20.448**

1/2

17 cm/6 3/4"

**20.449**



**Saw Blade  
20.450**

1/2

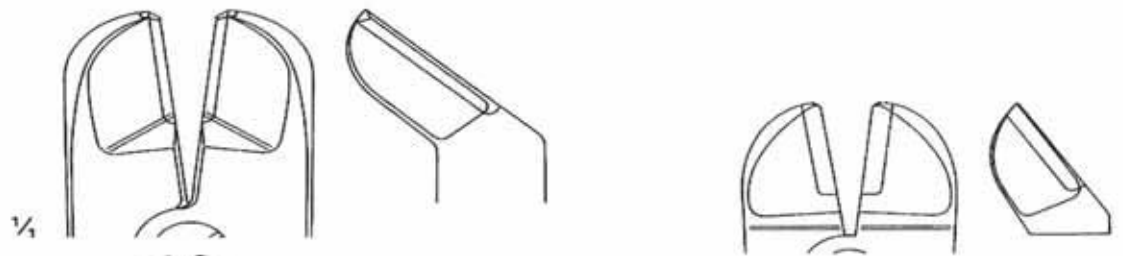
16 cm/6 1/4"

**20.451**

**Pin cutters, Wire cutters**



**Pin cutters, Wire cutters**



# GEOORHO- Traumatology

## Wire holding forceps, Flat nosed pliers



17 cm, 6 3/4"  
**20.458**



**Grip**  
18 cm, 7"  
**20.459**



15 cm, 6"  
**20.460**



14 cm, 5 1/2"  
**20.461**



19 cm, 7 1/4"  
**20.462**

**Pin cutters, Wire cutters**



Plates and wires up to 3.5 mm

1/2

**20.463** 23cm



For Soft Wire: Up to 3,0 mm  
For Hard Wire: Up to 2,2 mm

**20.464** 23cm



Cannulated

**20.465** 18.0cm



For Soft Wire: Up to 2,0 mm  
For Hard Wire: Up to 1,6 mm

**20.466** 24.0cm



Capacity up to 6 mm

48.0cm **20.467**



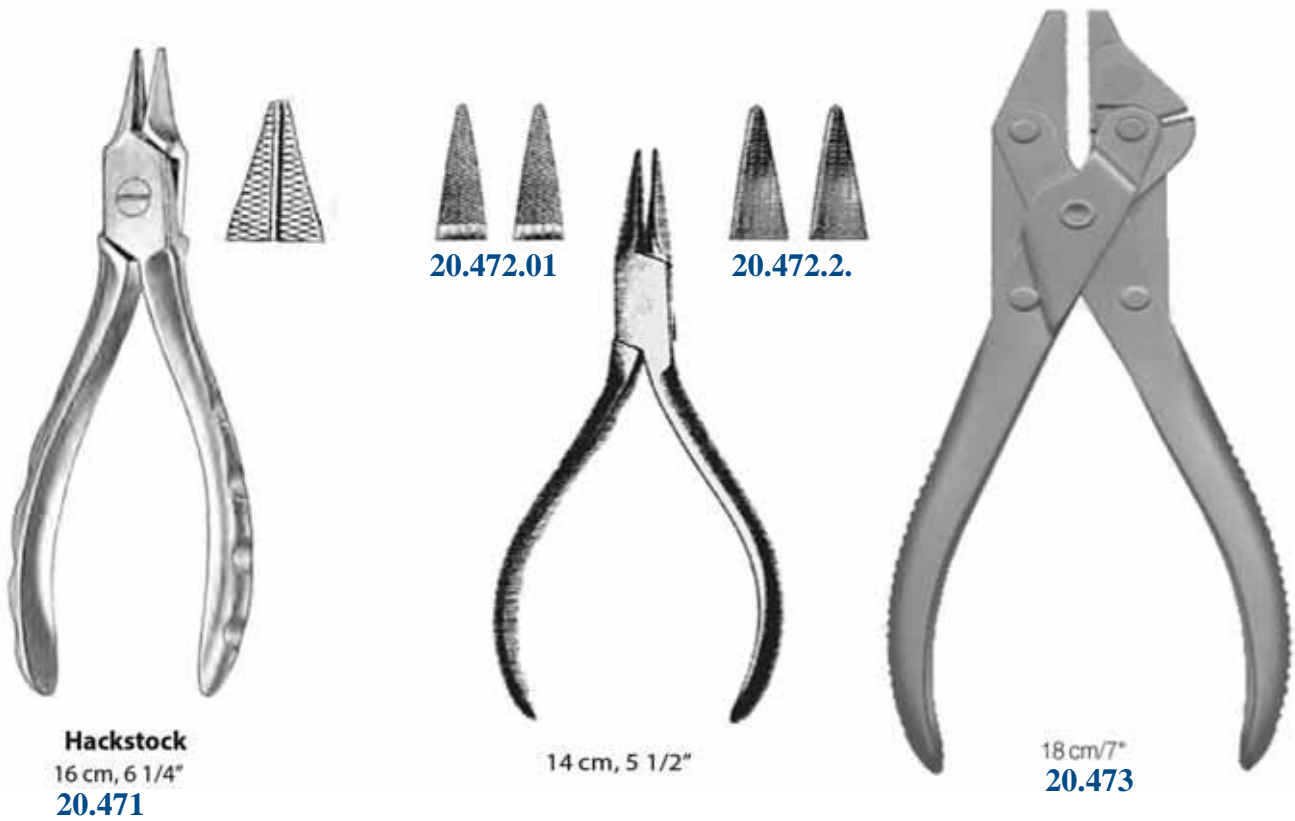
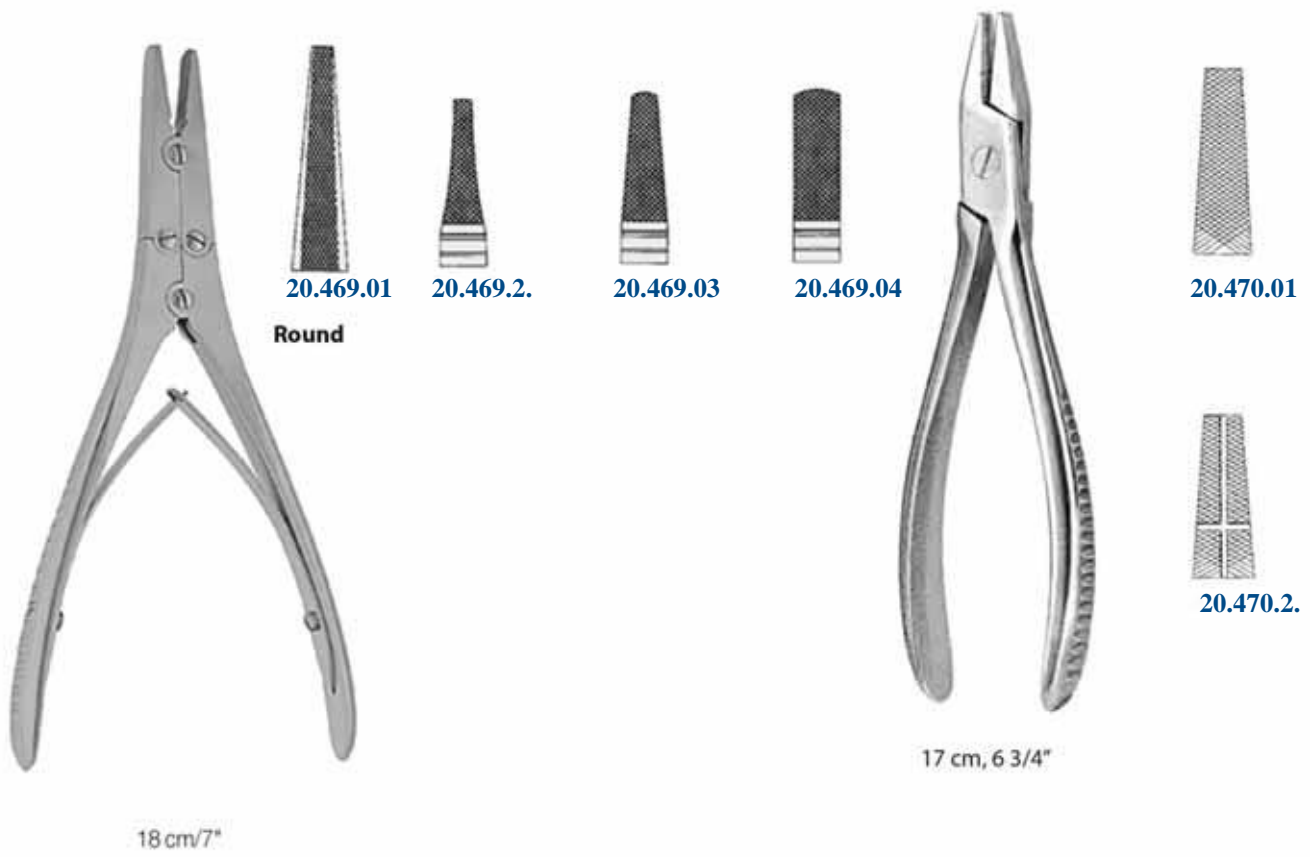
up to 6.5 mm

56.0cm **20.468**



# GEOORHO- Traumatology

## Wire holding forceps, Flat nosed pliers



**Bone hand drills**



cm 27,0 20.474

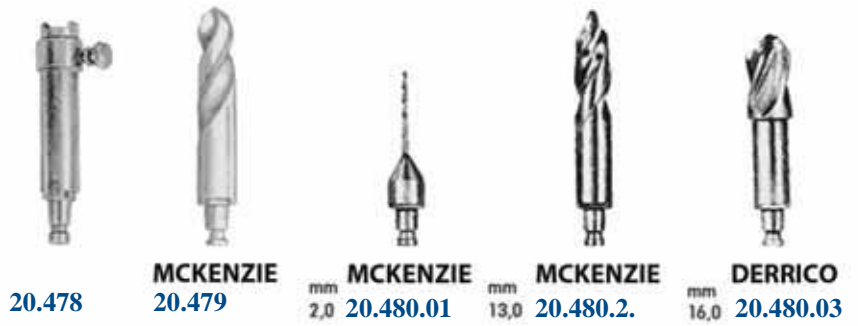
HUDSON compl  
cm 27,0 20.475



20.476.01 20.476.2. 20.476.03 20.476.04  
mm 9 14 16 22



CUSHING  
20.477



20.478 MCKENZIE 20.479 MCKENZIE mm 2,0 20.480.01 MCKENZIE mm 13,0 20.480.2. DERRICO mm 16,0 20.480.03



KIRSCHNER compl  
20.481



Telescopic Wire Drill Guide  
20.482



compl  
20.483



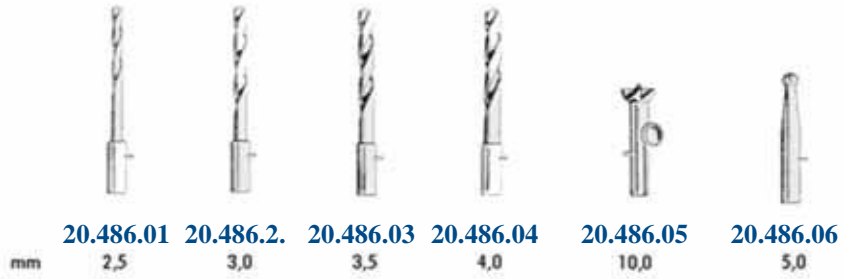
Telescopic Wire Drill Guide  
20.484

# GEOORHO- Traumatology

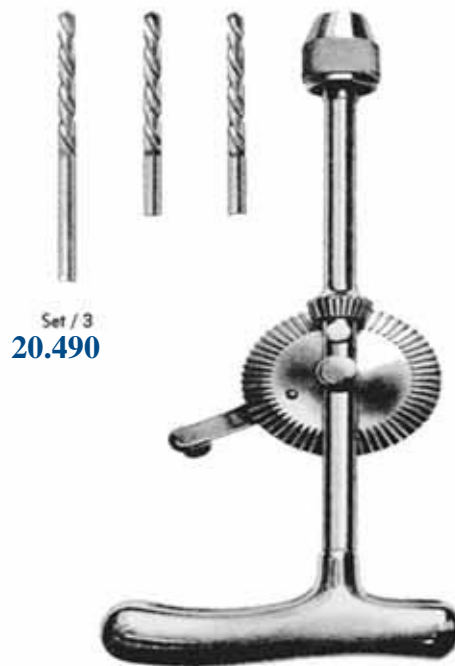
## Bone hand drills



cm **STILLE compl**  
20,0 **20.485**



cm **STILLE SHERMAN compl**  
24,0 **20.488**



cm **MOORE compl**  
28,0 **20.491**

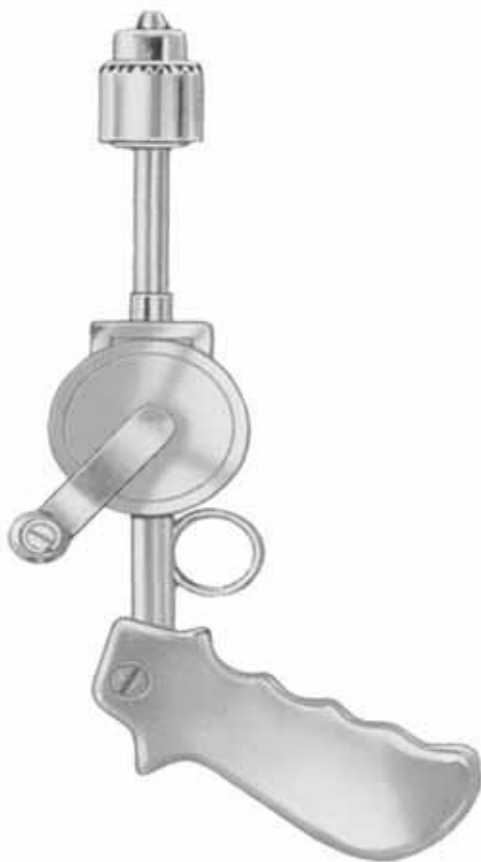
**Bone hand drills**



cm **BUNNEL**  
16,0 **20.492**



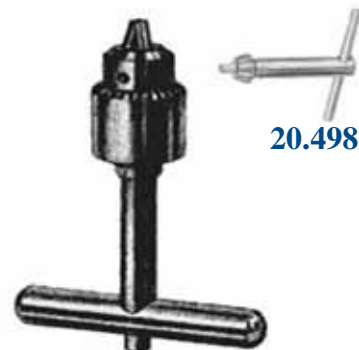
**RALK**  
**20.493**



**20.495**



Keyless  
**20.494**  
cap. 6,35 mm · L = 125 mm



**20.496** (incl.) **20.497**  
**20.498**

**Reamers**



14 cm.

**20.499**



14 cm.

**20.500**



**Perthes**  
21,5 cm/8  $\frac{1}{2}$ "  
**20.501**



**Perthes**  
21,5 cm/8  $\frac{1}{2}$ "  
**20.52.**

**Screw drivers**



cm WILLIAMS  
24,0 20.503



SW mm  
1,5 20.504



SW mm  
2,5 20.55.01  
3,5 20.55.2.



PHILLIPS  
20.506



cm  
17,0 20.57.01  
25,0 20.57.2.



SW mm  
1.5 20.508



SW mm  
2.5 20.509



SW mm  
3.5 20.510



SW mm  
1.5 20.511



SW mm  
2.5 20.513



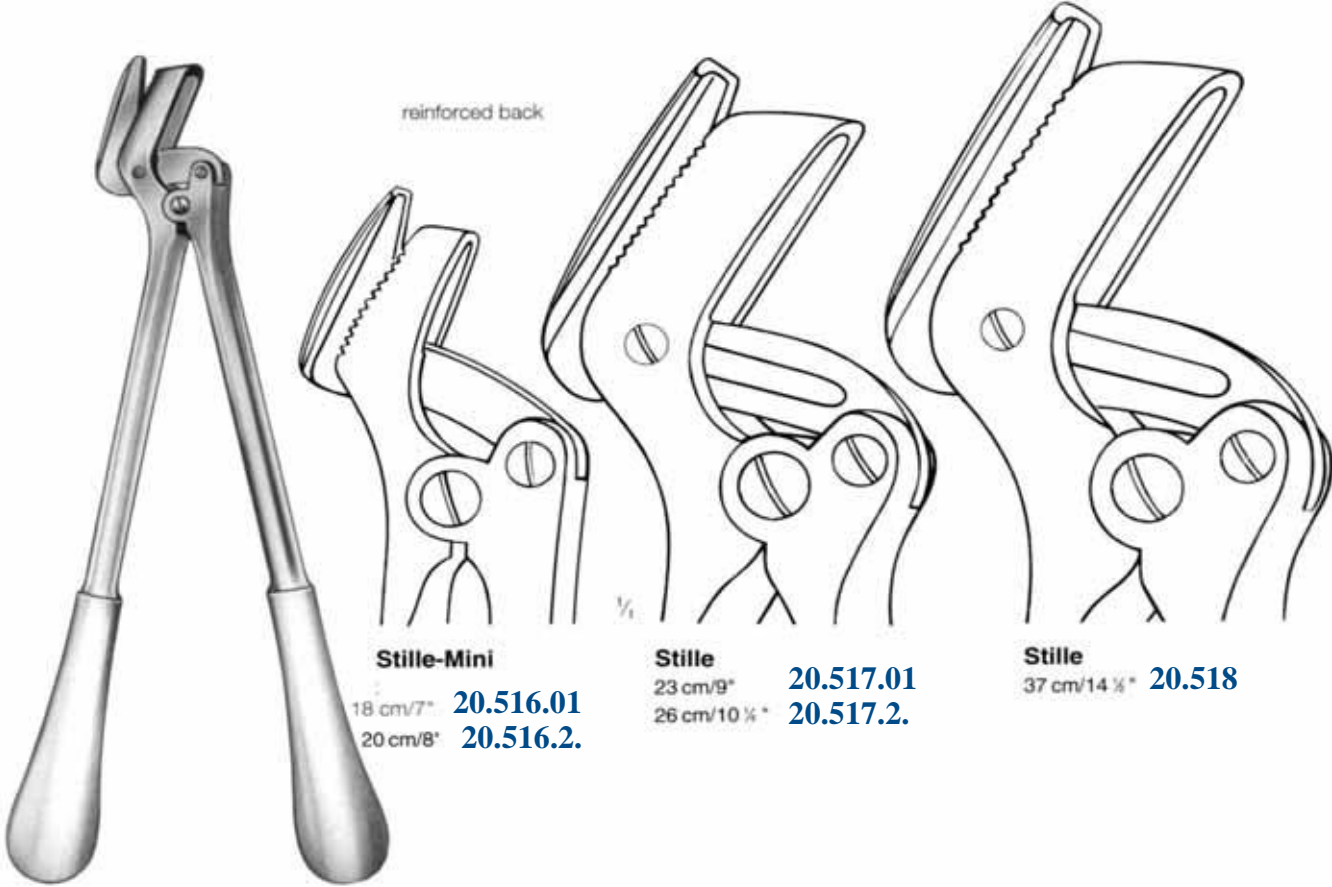
LANE  
1.5 20.515

20.514

20.512

**GEOORTHO Plaster of Paris**

**Plaster shear**

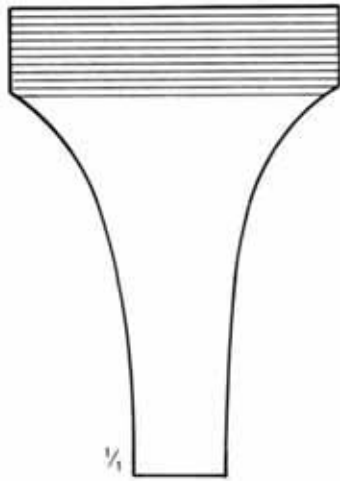


# GEOORTHO-Plaster of Paris

## Plaster cast instruments

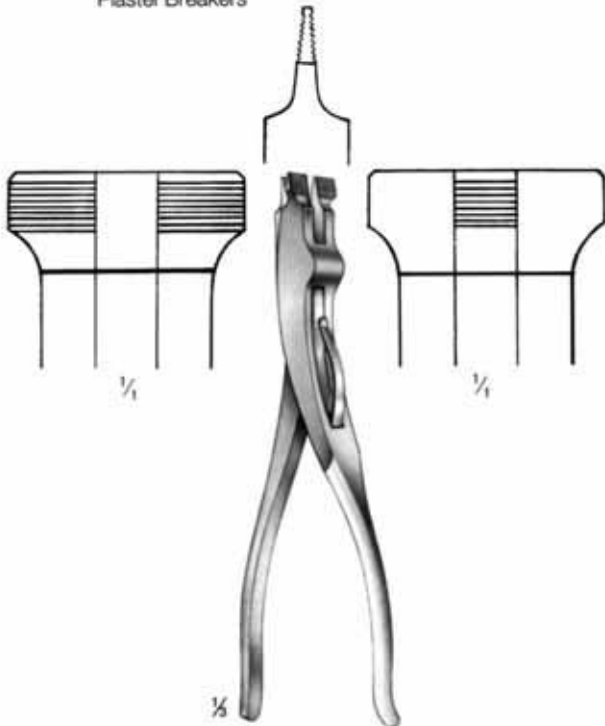


**Hennig**  
28 cm/11"  
**20.520.01**  
**20.520.2.**



**Haglund-Stille**  
28 cm/11"  
**20.521**

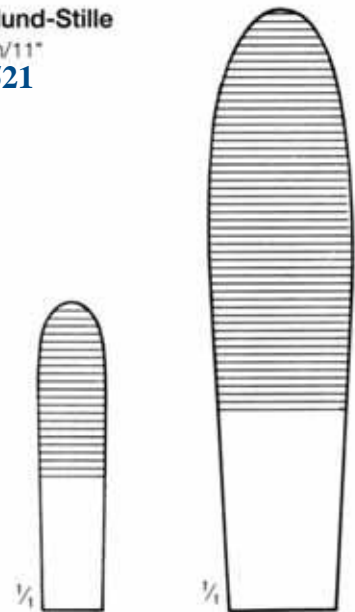
### Plaster Breakers



**Mod. USA**  
23 cm/9"  
**20.522**



**Wolff**



18 cm/7"  
**20.523.01**

24 cm/9 1/2"  
**20.523.2.**



**GEOORTHO Plaster of Paris**

**Plaster saw**

Plaster-of-Paris Saw



**Wigmore**  
19 cm/7 \*  
**20.524**

Plaster-of-Paris Saw



**Engel**  
16 cm/6 1/4 \*  
**20.525**



**Bergmann**  
**20.526**

# **GEOORTHO-Plaster of Paris**

## Plaster-of-paris knives



$\frac{1}{2}$   
**Hopkins**  
20 cm/8"  
**20.527**



$\frac{1}{2}$   
**Reiner**  
18,5 cm/7  $\frac{1}{4}$ "  
**20.528**



$\frac{1}{2}$   
**Esmarch**  
18 cm/7"  
**20.529**