



**Shoulder Surgery**

**Schulterchirurgie**

**La cirugía del hombro**

**Chirurgia della spalla**

**Chirurgie de l'épaule**



22.164.14 TC 145 mm  
22.164.17 TC 170 mm  
straight



Mayo TC cutting edges



22.165.14 TC 145 mm  
22.165.17 TC 170 mm  
curved



22.287.20 200 mm  
22.287.23 230 mm  
with TC cutting edges  
delicate, curved



Potts-Smith, 190 mm



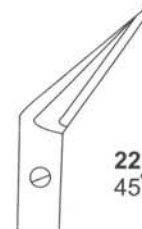
22.480.25  
25°



22.484.25  
25°



22.480.45  
45°



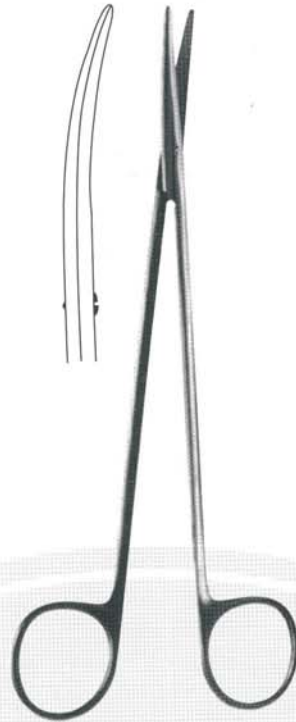
22.484.45  
45°



22.480.60  
60°



22.484.60  
60°



**22.613.18**  
Toennis-Adson  
180 mm  
extra-delicate  
curved



**22.930.18**  
sharp points



**22.931.18**  
blunt points



DeMartel, 180 mm  
straight



**22.932.18**  
sharp points



**22.933.18**  
blunt points



DeMartel, 180 mm  
curved



Mayo-Hegar with TC tips

34.184.14 140 mm  
34.184.18 180 mm  
34.184.20 200 mm



Crile-Wood with TC tips

34.164.15 150 mm  
34.164.18 180 mm  
34.164.20 200 mm  
34.164.23 230 mm



French Eye delicate, narrow jaws

34.224.15 150 mm  
34.224.18 180 mm  
34.224.20 200 mm  
34.224.23 230 mm



Adson

24.170.12 120 mm  
24.174.12 TC 120 mm  
24.170.15 150 mm  
24.174.15 TC 150 mm



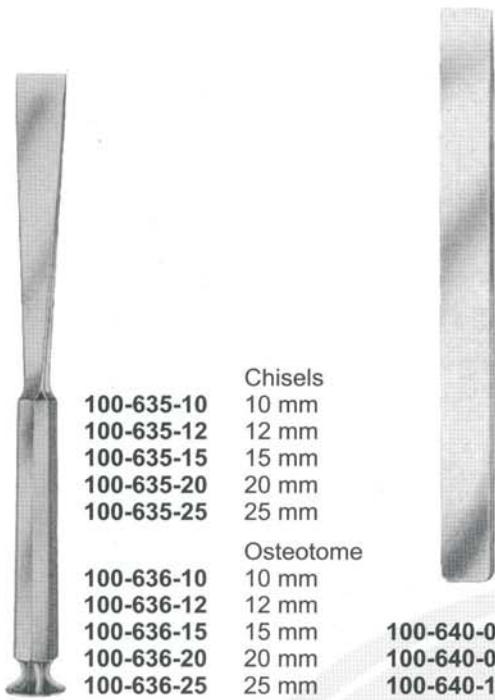
Potts-Smith

24.112.18 180 mm  
24.112.21 210 mm  
24.112.25 250 mm  
24.116.18 TC 180 mm  
24.116.21 TC 210 mm  
24.116.25 TC 250 mm



Potts-Smith

24.126.18 180 mm  
24.126.21 210 mm  
24.126.25 250 mm



- |                   |           |
|-------------------|-----------|
|                   | Chisels   |
| <b>100-635-10</b> | 10 mm     |
| <b>100-635-12</b> | 12 mm     |
| <b>100-635-15</b> | 15 mm     |
| <b>100-635-20</b> | 20 mm     |
| <b>100-635-25</b> | 25 mm     |
|                   | Osteotome |
| <b>100-636-10</b> | 10 mm     |
| <b>100-636-12</b> | 12 mm     |
| <b>100-636-15</b> | 15 mm     |
| <b>100-636-20</b> | 20 mm     |
| <b>100-636-25</b> | 25 mm     |

- |                   |                           |
|-------------------|---------------------------|
|                   | Mini- Lambotte            |
| <b>100-640-02</b> | 170 mm length 2 mm width  |
| <b>100-640-05</b> | 170 mm length 5 mm width  |
| <b>100-640-10</b> | 170 mm length 10 mm width |



- |                   |                |
|-------------------|----------------|
| <b>100-642-10</b> | Straight 10 mm |
| <b>100-642-15</b> | Straight 15 mm |
| <b>100-642-20</b> | Straight 20 mm |
| <b>100-642-25</b> | Straight 25 mm |
| <b>100-642-30</b> | Straight 30 mm |
| <b>100-642-38</b> | Straight 38 mm |
| <b>100-642-44</b> | Straight 44 mm |
| <b>100-642-50</b> | Straight 50 mm |
| <b>100-643-10</b> | Curved 10 mm   |
| <b>100-643-15</b> | Curved 15 mm   |
| <b>100-643-20</b> | Curved 20 mm   |
| <b>100-643-25</b> | Curved 25 mm   |
| <b>100-643-30</b> | Curved 30 mm   |
| <b>100-643-38</b> | Curved 38 mm   |
| <b>100-643-44</b> | Curved 44 mm   |
| <b>100-643-50</b> | Curved 50 mm   |

Stille

Lambotte



- |                   |                       |
|-------------------|-----------------------|
| <b>100-650-05</b> | Chisel Blade 5 mm     |
| <b>100-650-10</b> | Chisel Blade 10 mm    |
| <b>100-650-16</b> | Chisel Blade 16 mm    |
| <b>100-650-25</b> | Chisel Blade 25 mm    |
| <b>100-651-05</b> | Osteotome Blade 5 mm  |
| <b>100-651-10</b> | Osteotome Blade 10 mm |
| <b>100-651-16</b> | Osteotome Blade 16 mm |
| <b>100-651-25</b> | Osteotome Blade 25 mm |

- |                   |                          |
|-------------------|--------------------------|
| <b>100-650-40</b> | Wrench for Chisel Handle |
|-------------------|--------------------------|

- |                   |               |
|-------------------|---------------|
| <b>100-650-00</b> | Chisel Handle |
|-------------------|---------------|

- |                   |          |                   |                     |
|-------------------|----------|-------------------|---------------------|
|                   | Straight | <b>100-602-35</b> | Weight approx:350 g |
| <b>100-680-05</b> | 5 mm     | <b>100-602-50</b> | Weight approx:500 g |
| <b>100-680-10</b> | 10 mm    | <b>100-602-70</b> | Weight approx:700 g |
| <b>100-680-15</b> | 15 mm    |                   |                     |
|                   | Curved   |                   |                     |
| <b>100-681-05</b> | 5 mm     |                   |                     |
| <b>100-681-10</b> | 10 mm    |                   |                     |
| <b>100-681-15</b> | 15 mm    |                   |                     |



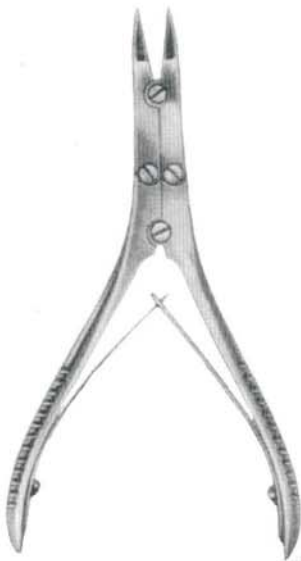
- Bone Impactor,
- 198-055-01 curved, 6 mm dia. Length 140 mm
  - 198-055-02 curved, 6 mm dia. Flattened Length 140 mm
  - 198-055-03 straight, 8 mm dia. Length 140 mm
  - 198-055-04 rectangular, 6 x 16 mm dia. Length 140 mm
  - 198-055-05 rectangular, 10 x 20 mm dia. Length 140 mm
  - 198-055-06 rectangular, 10 x 30 mm dia. Length 140 mm



- Bone Hook
- 198-067-01 blunt
  - 198-067-04 sharp



100-938-30 Putti, 300 mm



**102-020-15** Bohler 150 mm straight  
**102-021-15** Bohler 150 mm curved



**102-025-19** Ruskin-Liston 190 mm straight  
**102-026-19** Ruskin-Liston 190 mm curved

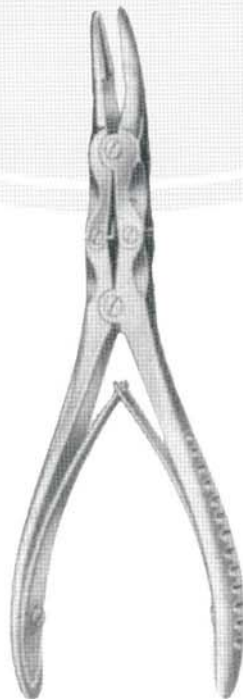


**102-205-17**  
Stellbrink Rongeur 175 mm

DYNAMIC



**102-215-19** Lempert 190 mm straight  
**102-216-19** Lempert 190 mm curved



**102-225-15** Bohler Rongeur 150 mm straight  
**102-226-15** Bohler Rongeur 150 mm curved



**102-280-02** Echlin, 230 mm  
**102-280-03** 2 mm  
**102-280-04** 3 mm  
4 mm



**198-080-20**  
Glenoid Punch,  
for Bankart repair 200 mm



**198-084-22**  
Precussion awl with  
metal handle 220 mm



**198-088-03**  
Penetrating Awl  
with phenolic Handle



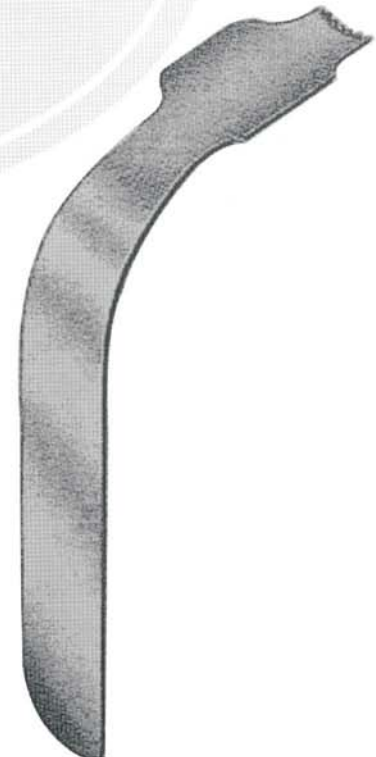
**198-090-17**  
Reaming Forcep,  
for Bankart repair 175 mm



**198-093-14**  
Retractor for shoulder



**198-095-20**  
Richardson Retractor



**198-098-22**  
Goldstein Gleniod Neck Retractor  
210 mm Overall length

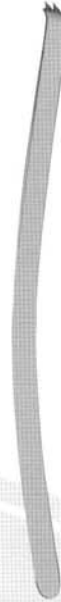




**100-382-22**  
width 22 mm wide tip



**198-105-18**  
Humeral Head Retractor,  
180 mm, strong curve



**198-115-15**  
Kolbel Glenoid Lever  
15 mm wide blade

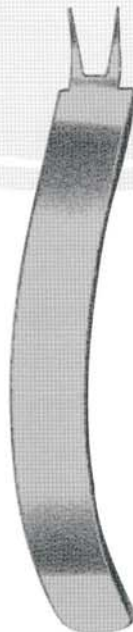


**198-115-20**  
Kolbel Glenoid Lever  
20 mm wide blade

DYNAMIC



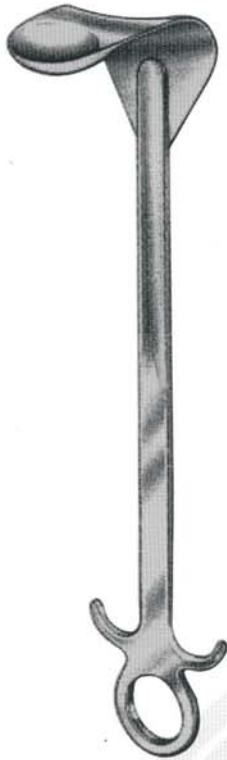
**198-145-01**  
Capsule Retractor  
one prong, 255 mm, 20 mm wide



**198-146-02**  
Capsule Retractor  
two prong, 255 mm, 20 mm wide



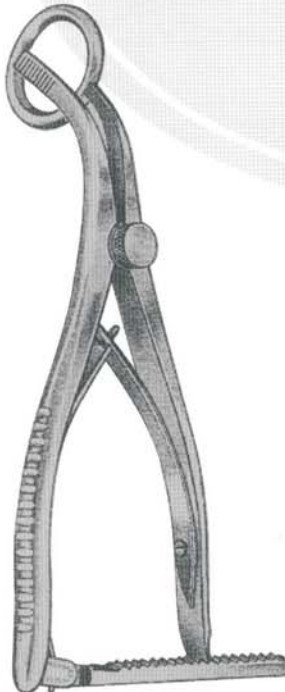
**198-147-03**  
Capsule Retractor  
three prong, 255 mm, 20 mm wide



**198-160-01** Browne-Deltoid Retractor  
small, 280 mm Blade is 46 mm wide  
**198-160-05** large, most popular 280 mm Blade is 55 mm wide



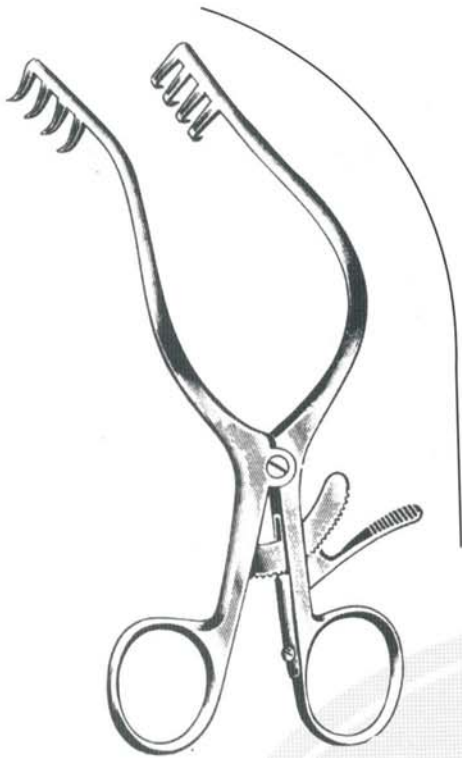
**198-168-26** Fukuda Shoulder Retractor,  
205 mm, red color coded handle small,  
opening measures 26 mm x 42 mm  
**198-168-30** Fukuda Shoulder Retractor,  
205 mm, blue color coded handle large,  
opening measures 30 mm x 42 mm



**198-174-01** Sub Acromium Retractor  
Left, 180 mm long  
**198-174-02** Right, 180 mm long



**198-178-01** Darrach Retractors  
Small, 10 mm wide, 260 mm long  
**198-178-02** Medium, 15 mm wide, 260 mm long  
**198-178-03** Large, 20 mm wide, 260 mm long  
**198-178-04** Extra Large, 25 mm wide, 260 mm long



**100-485-15** Mollison 150 mm



**100-487-18** Gelpi 180 mm



**198-180-15** Self-Retaining Retractors  
90° angled,  
150 mm, fine tips



Weitlaner

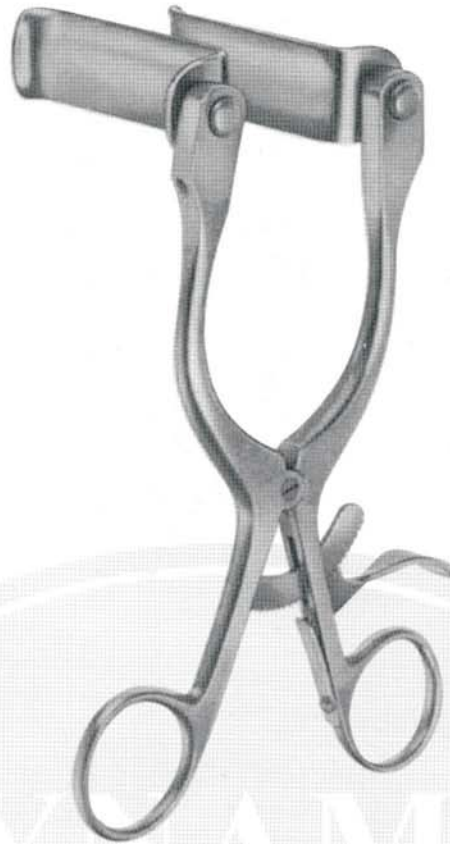
Size	Pronges	Blunt	Sharp
105 mm	2 x 3	<b>100-480-01</b>	<b>100-481-01</b>
130 mm	3 x 4	<b>100-480-04</b>	<b>100-481-04</b>
165 mm	3 x 4	<b>100-480-09</b>	<b>100-481-09</b>
200 mm	3 x 4	<b>100-480-15</b>	<b>100-481-15</b>
250 mm	5 x 6	<b>100-480-18</b>	<b>100-481-18</b>



**198-188-01** Self-Retaining Retractor  
straight single prongs 180 mm

**198-188-03** Self-Retaining Retractor  
angled single prongs 180 mm

**198-188-07** Self-Retaining Retractor  
angled 2 prongs 180 mm



- 198-210-01** Self-Retaining Retractor Frame only  
**198-210-05** Self-Retaining Retractor (hinged) Frame only

**Kolbel Self Retractor Blades**

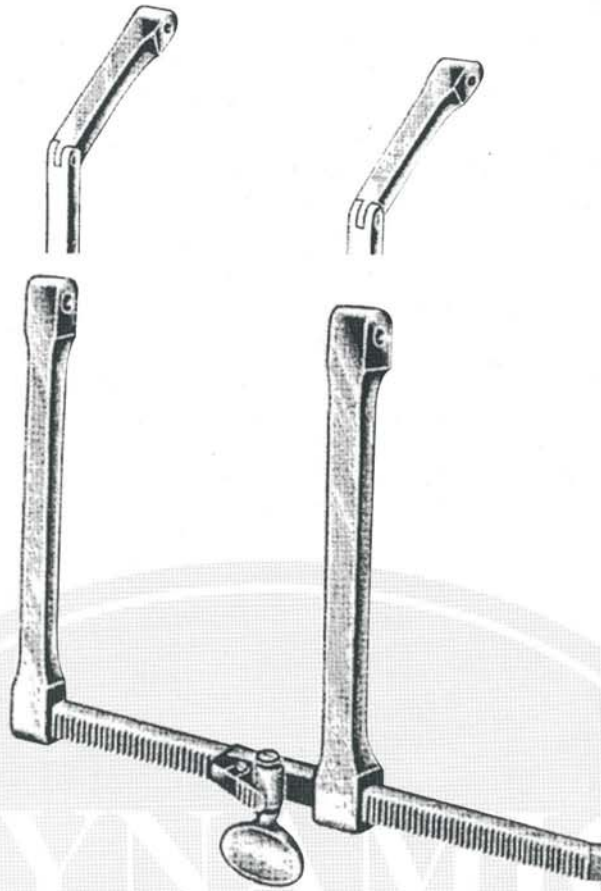


**Blades only straight**

- 198-212-01** 20 x 35 mm  
**198-212-02** 20 x 55 mm  
**198-212-03** 20 x 70 mm  
**198-212-04** 20 x 85 mm  
**198-212-11** 35 x 35 mm  
**198-212-12** 35 x 55 mm  
**198-212-13** 35 x 70 mm  
**198-212-14** 35 x 85 mm

**Blades toothed**

- 198-213-01** 20 x 35 mm  
**198-213-02** 20 x 55 mm  
**198-213-03** 20 x 70 mm  
**198-213-04** 20 x 85 mm  
**198-213-11** 35 x 35 mm  
**198-213-12** 35 x 55 mm  
**198-213-13** 35 x 70 mm  
**198-213-14** 35 x 85 mm



198-225-01 Retractor Body (Straight)  
198-225-05 Retractor Body (hinged)

**Kolbel Self Retractor Blades**



**Blades only Straight**

198-212-01	20 x 35 mm
198-212-02	20 x 55 mm
198-212-03	20 x 70 mm
198-212-04	20 x 85 mm
198-212-11	35 x 35 mm
198-212-12	35 x 55 mm
198-212-13	35 x 70 mm
198-212-14	35 x 85 mm

**Blades toothed**

198-213-01	20 x 35 mm
198-213-02	20 x 55 mm
198-213-03	20 x 70 mm
198-213-04	20 x 85 mm
198-213-11	35 x 35 mm
198-213-12	35 x 55 mm
198-213-13	35 x 70 mm
198-213-14	35 x 85 mm