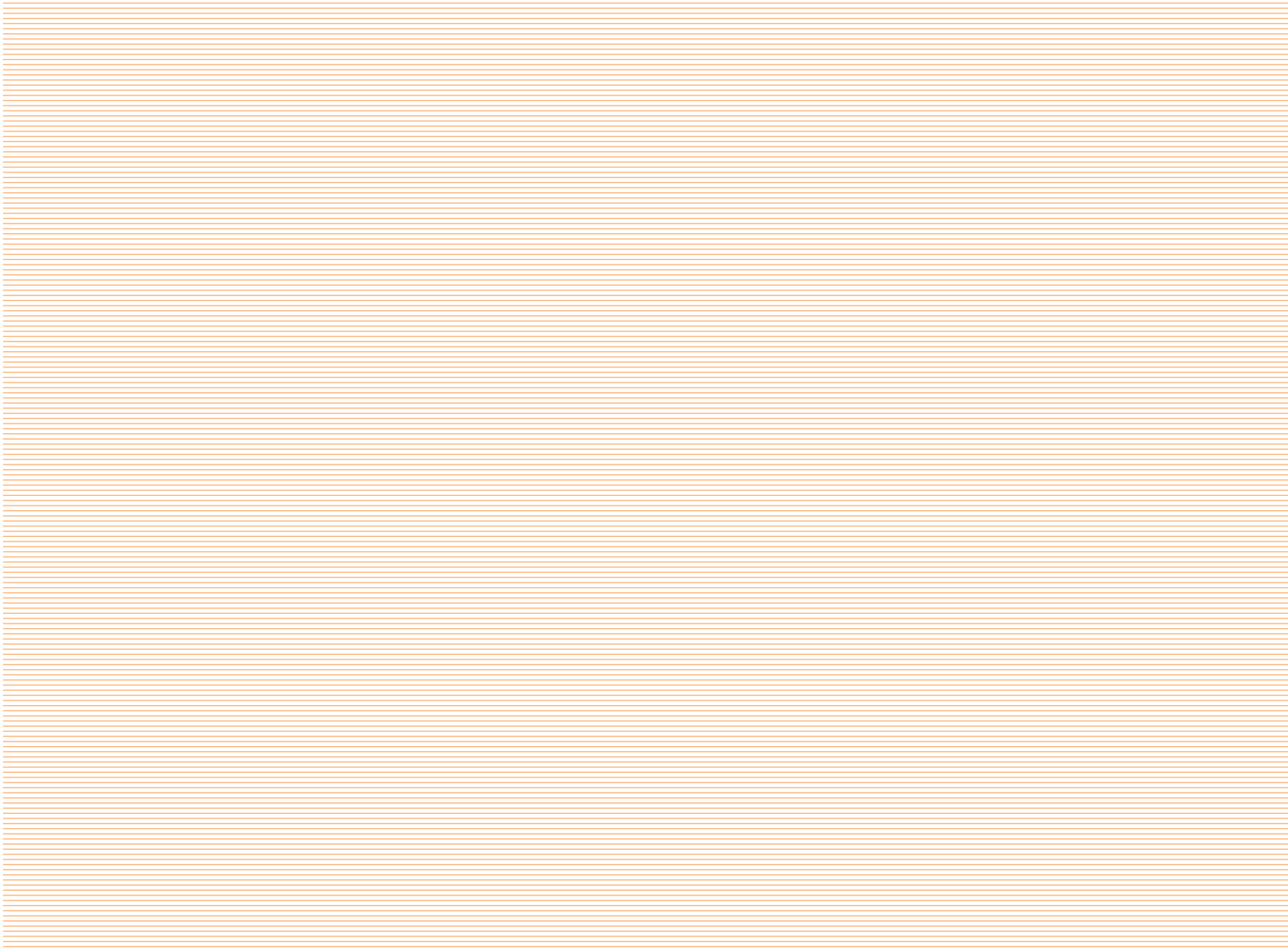
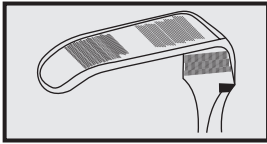


7

# RETRACTORS





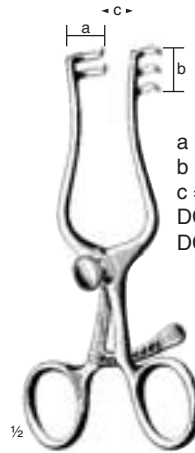
Retractors



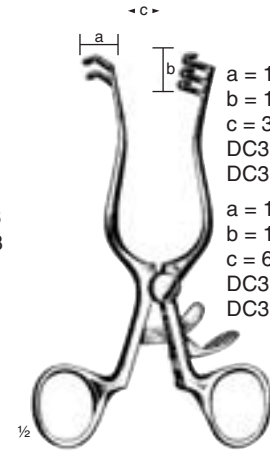
Alm



a = 12 mm  
b = 12 mm  
c = 35 mm  
DC31-009-10  
DC31-013-10



a = 16 mm  
b = 18 mm  
c = 55 mm  
DC31-011-13  
DC31-015-13



a = 12 mm  
b = 12 mm  
c = 35 mm  
DC31-017-10  
DC31-021-10  
a = 16 mm  
b = 18 mm  
c = 65 mm  
DC31-019-13  
DC31-023-13

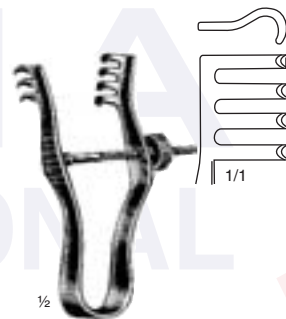
cm	in	Sharp	Blunt	Sharp	Blunt	Sharp	Blunt	Sharp	Blunt
7	2¾	DC31-001-07	DC31-003-07						
10	4	DC31-001-10	DC31-003-10	DC31-005-10	DC31-007-10	DC31-009-10	DC31-013-10	DC31-017-10	DC31-021-10
13	5					DC31-011-13	DC31-015-13	DC31-019-13	DC31-023-13



Finsen



Finsen

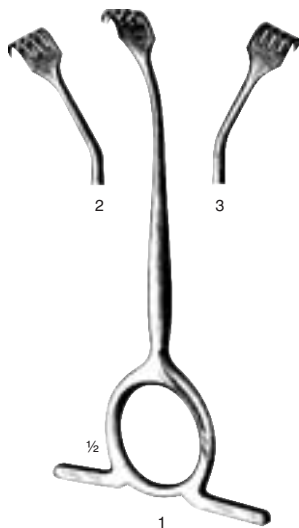


Finsen



Logan

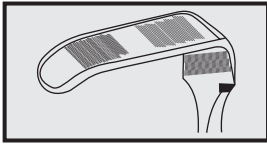
Sharp	Blunt	Sharp	Blunt	Sharp	Blunt	Sharp
5 cm / 2"	5 cm / 2"	7 cm / 2¾"	7 cm / 2¾"	7 cm / 2¾"	7 cm / 2¾"	4 cm / 1½"
DC31-025-05	DC31-027-05	DC31-029-07	DC31-031-07	DC31-033-07	DC31-035-07	DC31-037-04










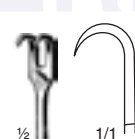



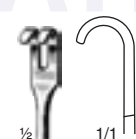






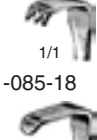



Williger

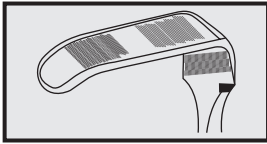


	Sharp	Blunt
1	DC31-039-03	DC31-045-04
2	DC31-041-03	DC31-047-04
3	DC31-043-03	DC31-049-04
	DC31-051-03	DC31-057-04
	DC31-053-03	DC31-059-04
	DC31-055-03	DC31-061-04

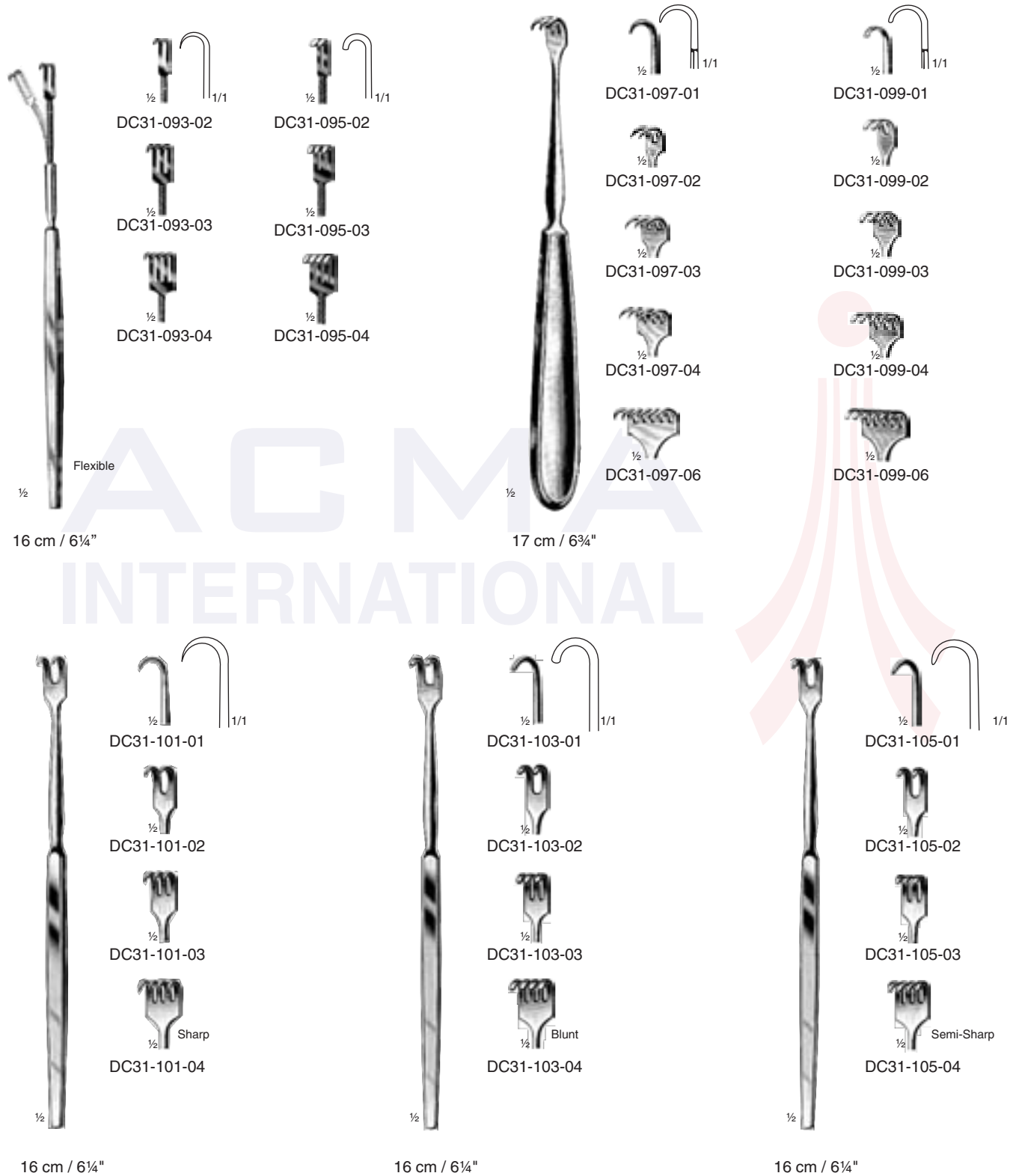


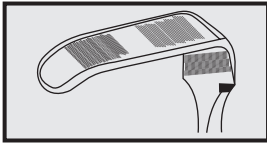
Retractors

 <p>20x6 mm DC31-063-20</p>  <p>1/1</p>  <p>10x6 mm DC31-065-10</p> <p>1/1</p>	 <p>1/1</p> <p>1/1</p> <p>1/1</p> <p>1/1</p>	 <p>DC31-069-16</p> <p>DC31-071-16</p> <p>1/1</p> <p>1/1</p> <p>1/1</p> <p>1/1</p>	 <p>DC31-073-16</p> <p>DC31-075-16</p> <p>1/1</p> <p>1/1</p> <p>1/1</p>	
<p><b>Senn-Green</b> 15 cm / 6"</p>	<p><b>Ragnell-Davis</b> 14 cm / 5½"</p> <p>DC31-067-14</p>	<p><b>Senn-Mueller</b> 16 cm / 6¼"</p>	<p><b>Klapp</b> 16 cm / 6¼"</p>	
 <p>1/2</p>	 <p>1/1</p> <p>DC31-077-02</p>  <p>1/2</p> <p>DC31-077-03</p>  <p>1/2</p> <p>DC31-077-04</p>  <p>1/2</p> <p>DC31-077-06</p>	 <p>1/1</p> <p>DC31-079-02</p>  <p>1/2</p> <p>DC31-079-03</p>  <p>1/2</p> <p>DC31-079-04</p>  <p>1/2</p> <p>DC31-079-06</p>	 <p>1/2</p>	 <p>1/1</p> <p>DC31-081-18</p> <p>18x7 mm</p>  <p>1/1</p> <p>DC31-083-18</p> <p>16x5 mm</p>  <p>1/1</p> <p>DC31-085-18</p> <p>7x4 mm</p>  <p>1/1</p> <p>DC31-087-18</p> <p>10x3 mm</p>  <p>1/1</p> <p>DC31-089-18</p> <p>7x4 mm</p>  <p>1/1</p> <p>DC31-091-18</p> <p>10x4 mm</p>
<p><b>Volkman</b> 11.5 cm / 4½"</p>			<p><b>Meyerding</b> 18 cm / 7"</p>	

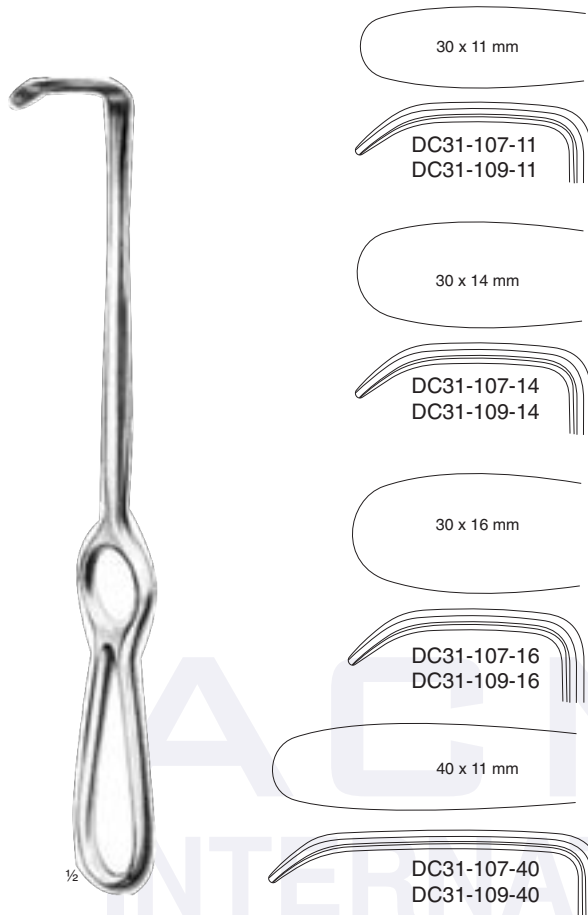


Retractors

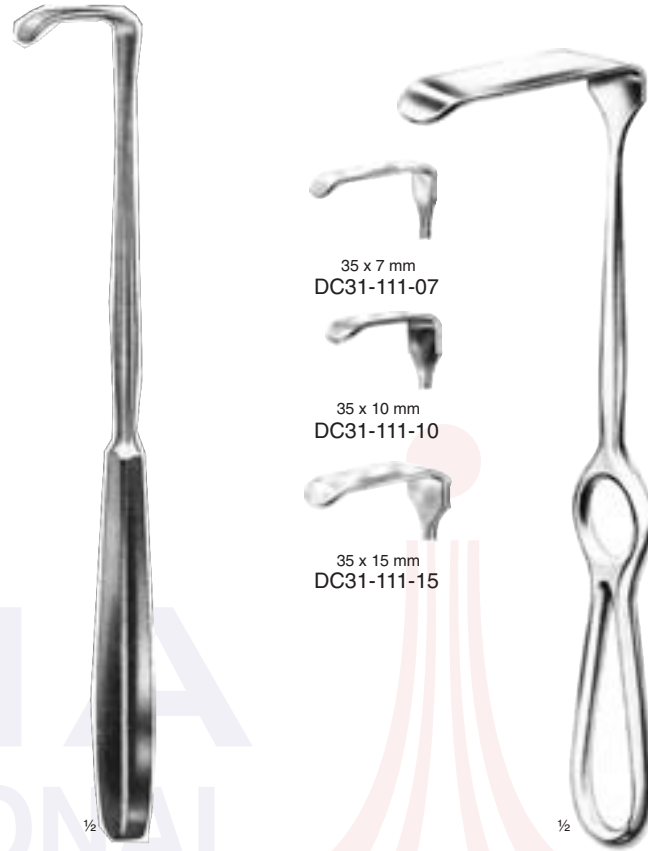




Retractors

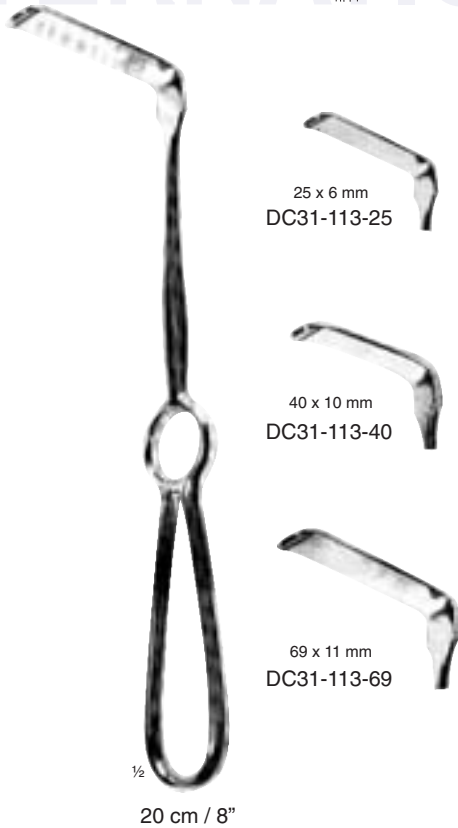


**Langenbeck**  
21 cm / 8¼"  
DC31-107-00

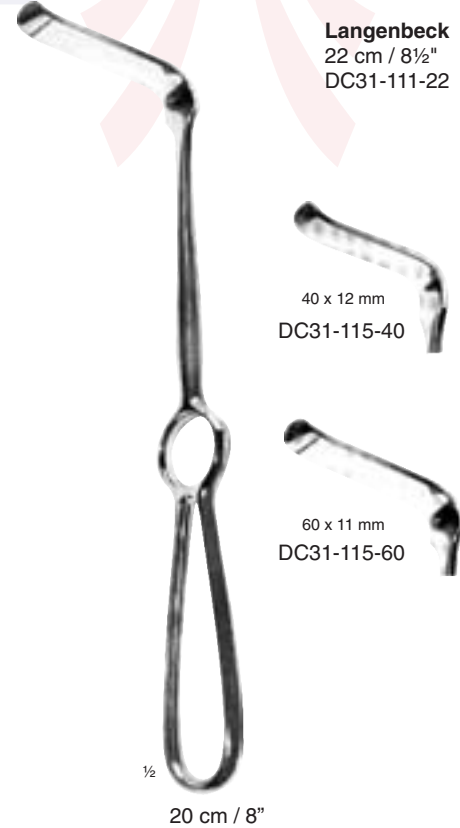


**Langenbeck**  
21 cm / 8¼"

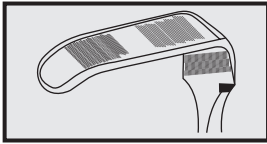
**Langenbeck**  
22 cm / 8½"  
DC31-111-22



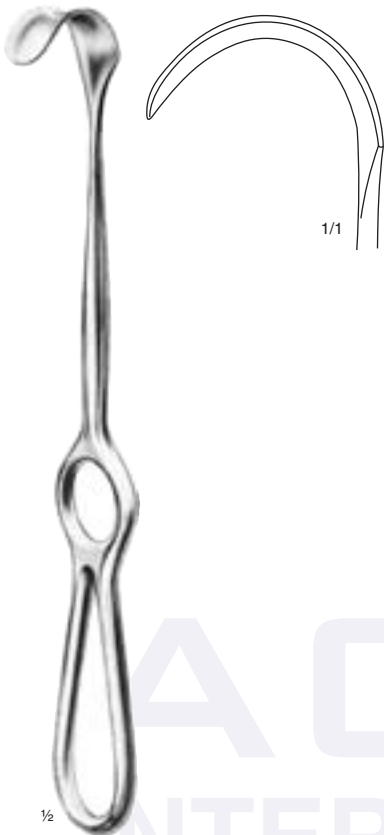
20 cm / 8"



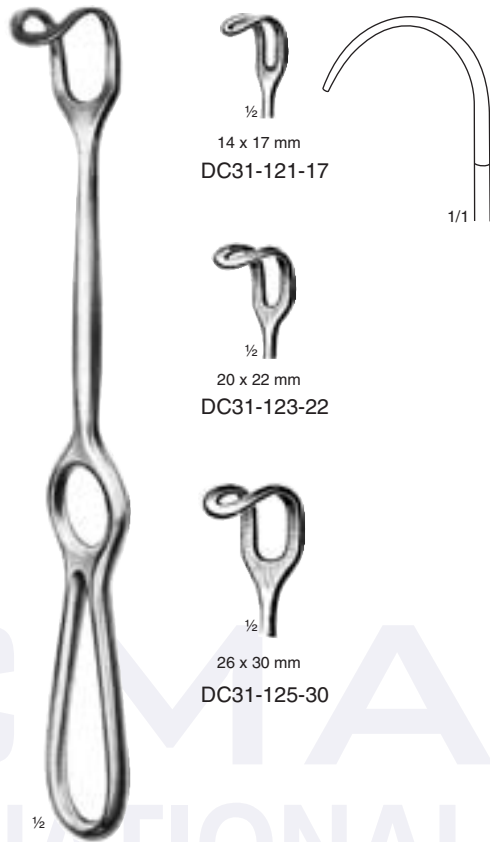
20 cm / 8"



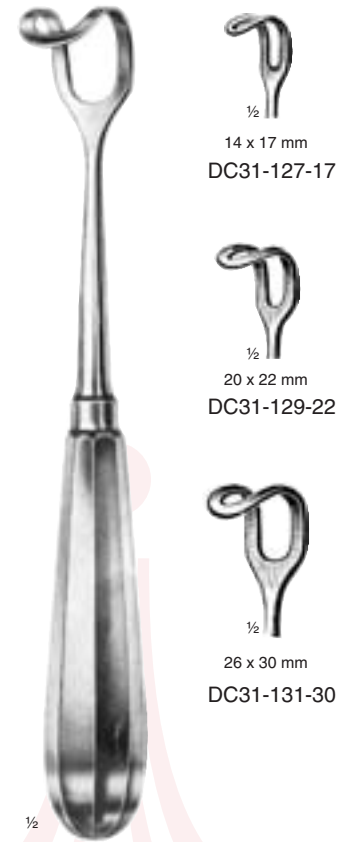
Retractors



**Kocher**  
22 cm / 8<sup>3</sup>/<sub>4</sub>"  
40 x 10 mm  
DC31-117-10  
40 x 15 mm  
DC31-119-15



**Middeldorpf**



**Middeldorpf**



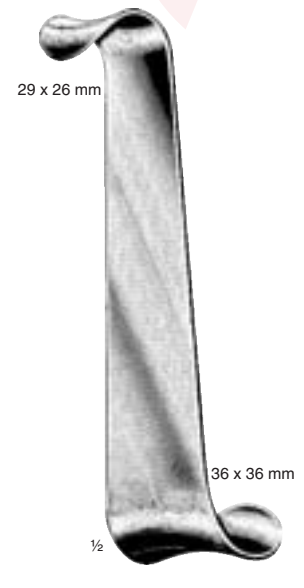
DC31-133-01



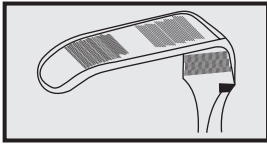
DC31-135-01



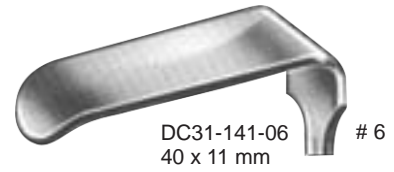
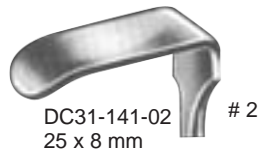
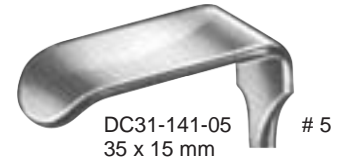
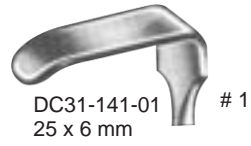
**Shann**  
DC31-137-01



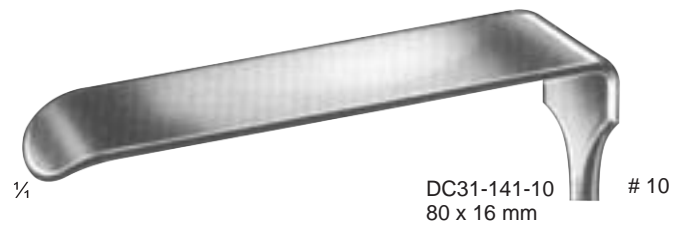
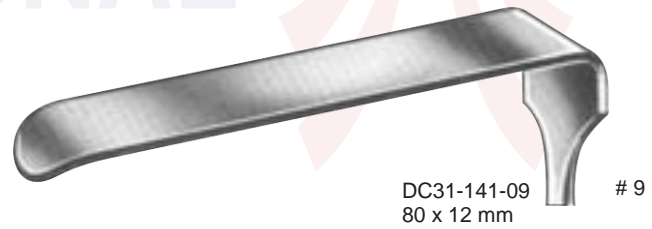
**Roux Magnus**  
DC31-139-01



Retractors



**Kocher-Langenbeck**  
21.5cm/8 ½"



also available in special sizes

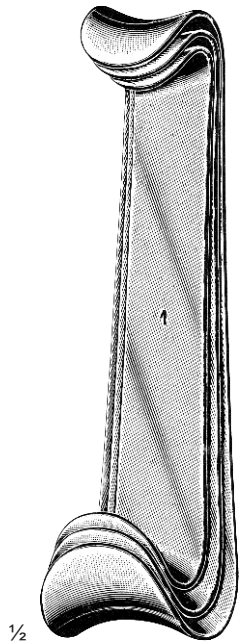
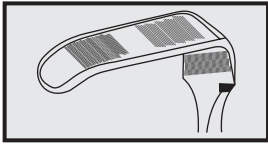


Fig. 1 = 24 X 20 mm  
 Fig. 2 = 29 X 26 mm  
 Fig. 3 = 35 X 29 mm  
 Fig. 4 = 27 X 24 mm

Fig. 1 = 30 X 28 mm  
 Fig. 2 = 36 X 36 mm  
 Fig. 3 = 38 X 43 mm  
 Fig. 4 = 42 X 28 mm

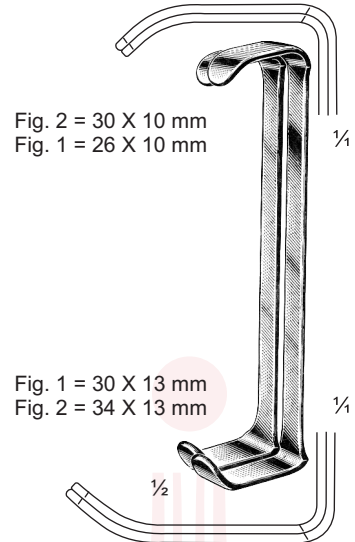
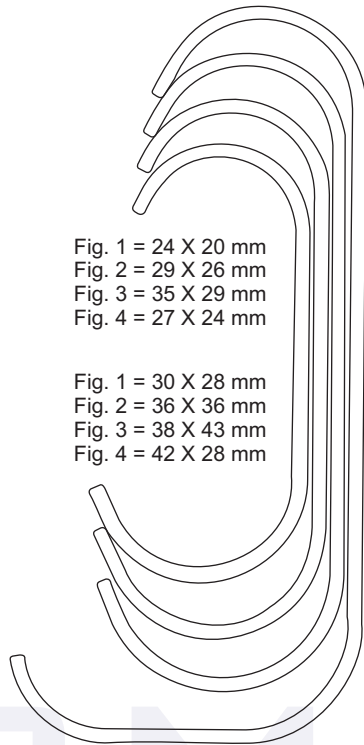


Fig. 2 = 30 X 10 mm  
 Fig. 1 = 26 X 10 mm

Fig. 1 = 30 X 13 mm  
 Fig. 2 = 34 X 13 mm

**Farabeuf**

- DC31-145-00 = Set
- DC31-145-01 = Fig. 1
- DC31-145-02 = Fig. 2
- 12 cm/4 3/4"

**Roux**

- DC31-143-00 = Set Fig. 1-3
- DC31-143-01 = Fig. 1 = 14 cm/5 1/2"
- DC31-143-02 = Fig. 2 = 15 cm/6"
- DC31-143-03 = Fig. 3 = 17 cm/6 3/4"
- DC31-143-04 = Fig. 4 = 18 cm/7"

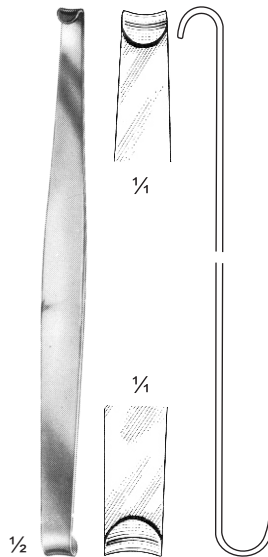
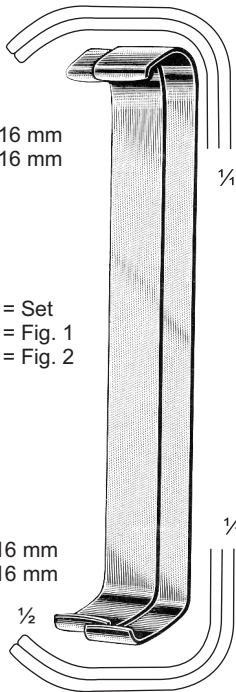
ACMA INTERNATIONAL

Fig. 2 = 27 X 16 mm  
 Fig. 1 = 23 X 16 mm

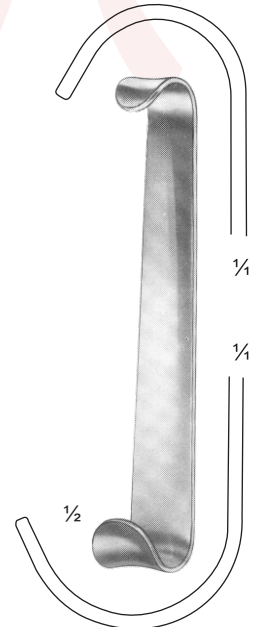
**Farabeuf**

- DC31-147-00 = Set
- DC31-147-01 = Fig. 1
- DC31-147-02 = Fig. 2
- 12 cm/4 3/4"

Fig. 1 = 26 X 16 mm  
 Fig. 2 = 30 X 16 mm



**Mini-Roux**  
 DC31-149-06



**Baby-Roux**  
 DC31-151-13  
 13 cm/5 1/4"