














# HOOKS & RETRACTORS

|   |  |  |   |  |  |   |
|---|--|--|---|--|--|---|
|  <p><b>07-001-160</b><br/>16 cm<br/>large curve</p> <p><b>07-002-160</b><br/>16 cm<br/>small curve</p> |  <p><b>07-003-180</b><br/>18 cm<br/>blunt</p> <p><b>07-004-180</b><br/>18 cm<br/>sharp</p>  |  <p><b>07-005-150</b><br/>15 cm<br/>blunt</p>   |  <p><b>07-006-185</b><br/>18.5 cm<br/>sharp</p> <p><b>07-007-185</b><br/>18.5 cm<br/>sharp</p>   |  <p><b>07-008-130</b><br/>13 cm<br/>sharp</p> <p><b>07-009-130</b><br/>13 cm<br/>blunt</p> |  <p><b>DOUBLE PRONG</b><br/><b>07-010-145</b><br/>Sharp, 2mm, wide jaws,<br/>14.5 cm</p>  |  <p><b>WIENER</b><br/><b>07-011-140</b><br/>Sharp,<br/>14 cm</p> |
|  <p><b>TOENNIS</b><br/><b>07-012-150</b><br/>15 cm<br/>Sharp</p>                                     |  <p><b>07-013-130</b><br/>2 x sharp<br/>13 cm</p> <p><b>07-014-130</b><br/>4 x sharp<br/>13 cm</p> <p><b>07-015-130</b><br/>4 x blunt<br/>13 cm</p> |  <p><b>07-016-150</b><br/>sharp<br/>15 cm</p> |  <p><b>07-018-001</b><br/>sharp<br/>2.0 mm</p> <p><b>07-019-002</b><br/>sharp<br/>5.0 mm</p> <p><b>07-020-003</b><br/>sharp<br/>7.0 mm</p> |  <p><b>COTTLE</b><br/><b>07-021-160</b><br/>16 cm<br/>sharp</p>                         |  <p><b>07-022-150</b><br/>15 cm<br/>sharp</p> <p><b>07-023-150</b><br/>15 cm<br/>sharp</p> <p><b>07-024-150</b><br/>15 cm<br/>sharp</p> |   |

# HOOKS & RETRACTORS



**LANGE**  
07-025-220  
22 cm  
Fistula hook



**KILNER**  
07-026-100  
10 cm  
sharp  
Skin hooks



**EMMET**  
07-027-220  
22 cm  
Fistula hook



**SIMON**  
07-028-220  
22 cm  
1 x sharp  
Fistula hook



**HARTMANN**  
07-029-160  
16 cm  
sharp



**GRAEFE**



07-030-160  
16 cm  
blunt



07-031-160  
16 cm  
sharp



**FOMON**  
07-032-170  
17 cm  
blunt



**FOMON**  
07-033-160  
16 cm  
blunt  
Choana hook



**COTTLE-NEIVERT**  
07-034-200  
20 cm  
blunt



**COTTLE**  
07-035-150  
15 cm  
Sharp



**COTTLE**  
07-036-150  
15 cm  
blunt/Sharp



**COTTLE**  
07-037-150  
15 cm  
sharp/blunt

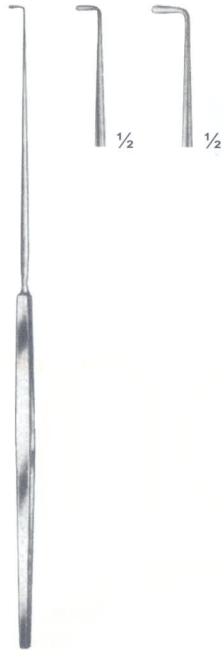


**CUSHING**  
07-038-190  
19 cm

# HOOKS & RETRACTORS



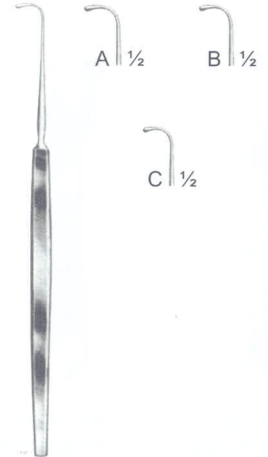
**CUSHING**  
07-039-190 19 cm, blunt  
07-040-190 19 cm, sharp  
Nerve-and vessel hook



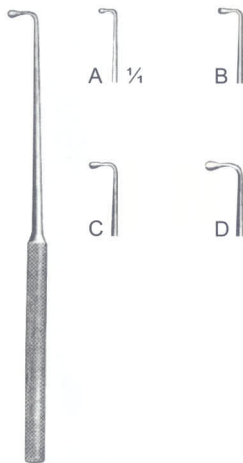
**CUSHING**  
07-041-280 28 cm, blunt  
07-042-280 28 cm, sharp  
Nerve-and vessel hook



**CRILE**  
07-043-200 20 cm



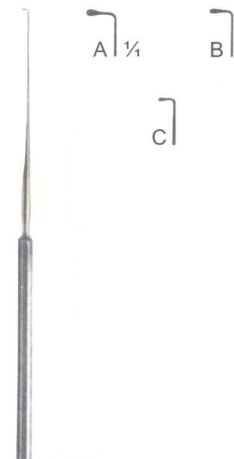
**GRAEFE**  
07-044-130 13.0 cm - A  
07-045-140 14.0 cm - B  
07-046-150 15.0 cm - C



**WAGENER**  
07-047-140 14 cm - A  
07-048-140 14 cm - B  
07-049-140 14 cm - C  
07-050-140 14 cm - D



**DAY**  
07-051-160 16 cm - A  
07-052-160 16 cm - B



**LUCAS**  
07-053-140 14.0 cm - A  
07-054-140 14.0 cm - B  
07-055-140 14.0 cm - C

# RETRACTORS



$\frac{1}{4}$   
**07-056-200**  
8 mm  
20 cm

$\frac{1}{4}$   
**07-057-200**  
10 mm  
20 cm

$\frac{1}{4}$   
**07-058-200**  
12 mm  
20 cm

$\frac{1}{4}$   
**07-059-200**  
14 mm  
20 cm

$\frac{1}{4}$   
**07-060-200**  
16 mm  
20 cm

$\frac{1}{4}$   
**07-061-200**  
18 mm  
20 cm



$\frac{1}{4}$   
**07-062-240**  
8 mm  
24 cm

$\frac{1}{4}$   
**07-063-240**  
10 mm  
24 cm

$\frac{1}{4}$   
**07-064-240**  
12 mm  
24 cm

$\frac{1}{4}$   
**07-065-240**  
14 mm  
24 cm

$\frac{1}{4}$   
**07-066-240**  
16 mm  
24 cm

$\frac{1}{4}$   
**07-067-240**  
18 mm  
24 cm

CUSHING

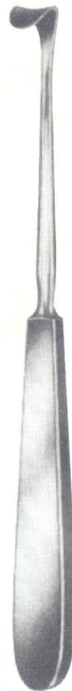
CUSHING



$\frac{1}{4}$   
**07-068-240**  
11 x 14 mm  
24 cm

$\frac{1}{4}$   
**07-069-240**  
13 x 18 mm  
24 cm

$\frac{1}{4}$   
**07-070-240**  
15 x 22 mm  
24 cm



$\frac{1}{4}$   
**07-071-180**  
10 x 10 mm  
18 cm



$\frac{1}{4}$   
**07-072-140**  
7 x 8 mm  
14 cm

$\frac{1}{4}$   
**07-073-140**  
9 x 10 mm  
14 cm

$\frac{1}{4}$   
**07-074-140**  
9 x 12 mm  
14 cm

$\frac{1}{4}$   
**07-075-140**  
11 x 14 mm  
14 cm

$\frac{1}{4}$   
**07-076-140**  
13 x 16 mm  
14 cm

$\frac{1}{4}$   
**07-077-140**  
13 x 18 mm  
14 cm

CUSHING

CUSHING-KOCHER

DESMARRES

# RETRACTORS



**07-078-160**  
10 x 6 mm  
16 cm

**07-079-160**  
17 x 5 mm  
16 cm

**07-084-160**  
12 mm  
16 cm

**07-085-160**  
14 mm  
16 cm

**07-080-160**  
20 x 6 mm  
16 cm

**07-081-160**  
22 x 8 mm  
16 cm

**07-086-160**  
16 mm  
16 cm

**07-087-160**  
18 mm  
16 cm

**LANGENBECK-MINI**

**NEIVERT**  
07-082-160  
16 cm

**COTTLE**  
07-083-150  
10 x 12 mm  
15 cm

**DESMARRES FENESTRATED**

**RAGNELL-DAVIS**  
07-088-140  
8 x 4 mm  
15 x 5.5 mm  
14 cm



**07-089-170**  
13 x 13 mm  
17 cm

**07-091-150**  
10 x 6 mm  
15 cm

**07-090-170**  
12 x 16 mm  
17 cm

**07-092-150**  
20 x 6 mm  
15 cm

**KONIG**

**SENN-GREEN**

**BABY-SENN MUELLER**  
07-093-160  
7 x 8.5 mm  
16 cm  
sharp/blunt

**SENN-MUELLER**  
07-094-160  
18 x 6 mm  
16 cm  
sharp

# RETRACTORS



**SCOVILLE**  
07-095-200  
7 mm  
20 cm



**HOLSHER**  
07-096-240  
7 mm  
24 cm



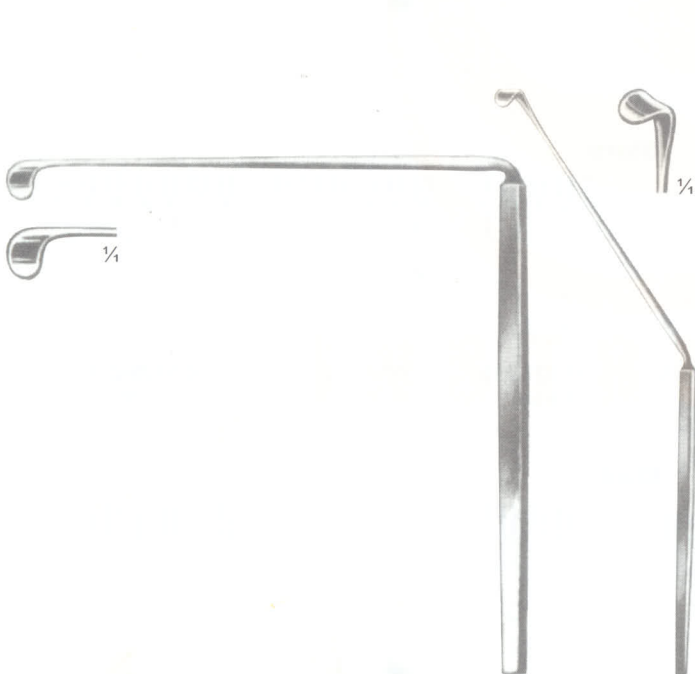
**SCOVILLE**  
07-097-230  
8 mm  
23 cm



**STERNBERG**  
07-098-120 12 cm  
07-099-140 14 cm  
07-100-160 16 cm



**COLLIN-HARTMANN**  
07-101-140  
38 x 28 / 32 x 21 mm 14 cm  
07-102-160  
52 x 34 / 36 x 27 mm 16 cm



**LOVE**  
07-103-190  
19 cm



**LOVE**  
07-104-190  
19 cm



**LOVE**  
07-105-210  
4 mm  
21 cm



**LOVE**  
07-106-190  
19 cm



**VOLKMAN**  
07-107-220  
Sharp, 4 Prongs  
22 cm



**VOLKMAN**  
07-108-220  
Blunt, 4 Prongs  
22 cm

# RETRACTORS



**VOLKMANN**

**Sharp**

|  |                              |                              |                              |                              |                              |                              |                              |                              |
|--|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|
|  |                              |                              |                              |                              |                              |                              |                              |                              |
|  | <b>07-109-215</b><br>21.5 cm | <b>07-110-215</b><br>21.5 cm | <b>07-111-215</b><br>21.5 cm | <b>07-112-215</b><br>21.5 cm | <b>07-113-215</b><br>21.5 cm | <b>07-114-215</b><br>21.5 cm | <b>07-115-215</b><br>21.5 cm | <b>07-115-215</b><br>21.5 cm |

**Blunt**

|  |                              |                              |                              |                              |                              |                              |                              |                              |
|--|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|
|  |                              |                              |                              |                              |                              |                              |                              |                              |
|  | <b>07-116-215</b><br>21.5 cm | <b>07-117-215</b><br>21.5 cm | <b>07-118-215</b><br>21.5 cm | <b>07-119-215</b><br>21.5 cm | <b>07-120-215</b><br>21.5 cm | <b>07-121-215</b><br>21.5 cm | <b>07-122-215</b><br>21.5 cm | <b>07-122-215</b><br>21.5 cm |



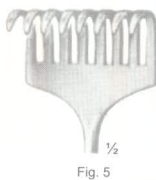
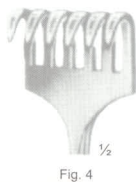
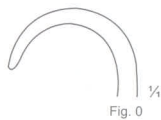
**VOLKMANN**

**Sharp**

|  |                              |                              |                              |                              |                              |                              |                              |                              |
|--|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|
|  |                              |                              |                              |                              |                              |                              |                              |                              |
|  | <b>07-123-215</b><br>21.5 cm | <b>07-124-215</b><br>21.5 cm | <b>07-125-215</b><br>21.5 cm | <b>07-126-215</b><br>21.5 cm | <b>07-127-215</b><br>21.5 cm | <b>07-128-215</b><br>21.5 cm | <b>07-129-215</b><br>21.5 cm | <b>07-129-215</b><br>21.5 cm |

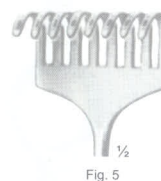
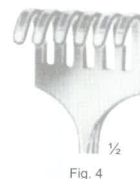
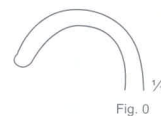
**Blunt**

|  |                              |                              |                              |                              |                              |                              |                              |                              |
|--|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|
|  |                              |                              |                              |                              |                              |                              |                              |                              |
|  | <b>07-130-215</b><br>21.5 cm | <b>07-131-215</b><br>21.5 cm | <b>07-132-215</b><br>21.5 cm | <b>07-133-215</b><br>21.5 cm | <b>07-134-215</b><br>21.5 cm | <b>07-135-215</b><br>21.5 cm | <b>07-136-215</b><br>21.5 cm | <b>07-136-215</b><br>21.5 cm |



**KOCHER**  
Sharp

- 07-137-220 22 cm 15 x 9 mm Fig. 1
- 07-138-220 22 cm 15 x 13 mm Fig. 2
- 07-139-220 22 cm 15 x 18 mm Fig. 3
- 07-140-220 22 cm 15 x 28 mm Fig. 4
- 07-141-220 22 cm 15 x 40 mm Fig. 5



**KOCHER**  
Blunt

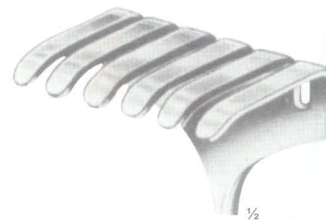
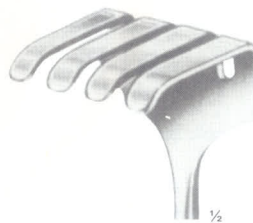
- 07-142-220 22 cm 15 x 9 mm Fig. 1
- 07-143-220 22 cm 15 x 13 mm Fig. 2
- 07-144-220 22 cm 15 x 18 mm Fig. 3
- 07-145-220 22 cm 15 x 28 mm Fig. 4
- 07-146-220 22 cm 15 x 40 mm Fig. 5



Fig. 2

**OLLIER**  
blunt

- 07-147-230 23 cm 36 x 30 mm Fig. 1
- 07-148-230 23 cm 36 x 60 mm Fig. 2



**ISRAEL**  
blunt

- 07-149-225 22.5 cm
- Blunt

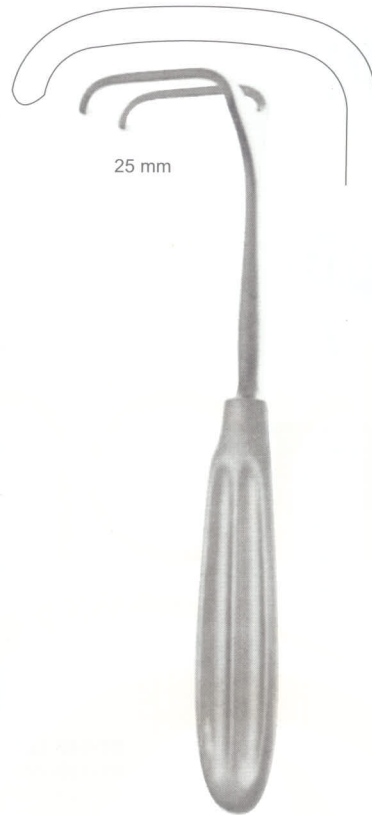
- 07-150-250 25 cm 40 x 40 mm Fig. 1
- 07-151-250 25 cm 46 x 50 mm Fig. 2
- 07-152-250 25 cm 52 x 60 mm Fig. 3
- 07-153-250 25 cm 70 x 70 mm Fig. 4



# RETRACTORS



**MIDDELDORPF**



**OLLIER**  
**07-157-185**  
18.5 cm



**LAHEY GOITER**  
**07-158-203** 20.3 cm  
right angle blade, length  
1in (2.5cm). With lip.



**VOLKMANN**



# RETRACTORS



**KOCHER-LANGENBECK**



**07-169-215**  
25 x 6 mm  
21.5 cm



**07-170-215**  
35 x 8 mm  
21.5 cm



**07-171-215**  
35 x 11 mm  
21.5 cm



**07-172-215**  
35 x 15 mm  
21.5 cm



**07-173-215**  
40 x 11 mm  
21.5 cm



**07-174-215**  
55 x 11 mm  
21.5 cm



**07-175-215**  
70 x 14 mm  
21.5 cm



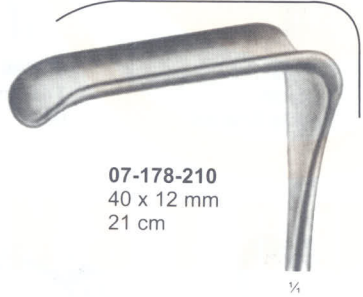
**07-176-215**  
80 x 12 mm  
21.5 cm



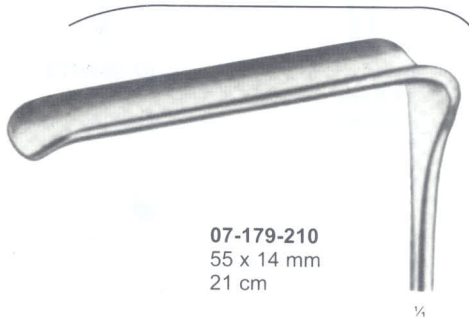
**07-177-215**  
80 x 16 mm  
21.5 cm



**CASPAR**



**07-178-210**  
40 x 12 mm  
21 cm



**07-179-210**  
55 x 14 mm  
21 cm



**KOCHER-WAGNER**



**07-180-280**  
22 x 15 mm  
28 cm



**07-181-280**  
38 x 20 mm  
28 cm



**07-182-280**  
67 x 25 mm  
28 cm



Fig. 1 ¼

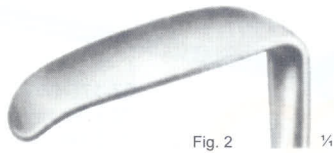


Fig. 2 ¼



Fig. 3 ¼

### LANGENBECK

- 07-183-220 22 cm 30 x 11 mm Fig. 1
- 07-184-220 22 cm 40 x 11 mm Fig. 2
- 07-185-220 22 cm 42 x 13 mm Fig. 3



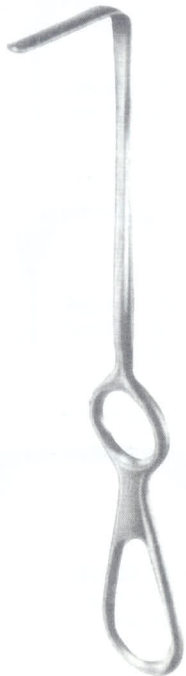
Fig. 1 ¼



Fig. 2 ¼

### TENDON HOOKS

- 07-186-175 17.5 cm
- 07-187-175 17.5 cm
- 12 x 6 mm Fig. 1
- 12 x 11 mm Fig. 2



**KNEE RETRACTOR**  
07-188-225 22.5 cm  
37 x 9 mm



**MEYERDING**



07-189-175  
17.5 cm  
Saddle Shaped



07-190-175  
17.5 cm  
Blunt



07-191-175  
17.5 cm  
Blunt



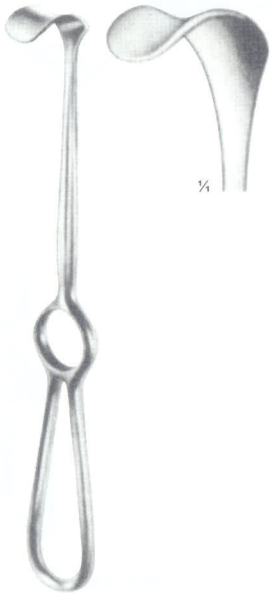
07-192-175  
17.5 cm  
Toothed



07-193-175  
17.5 cm  
Toothed



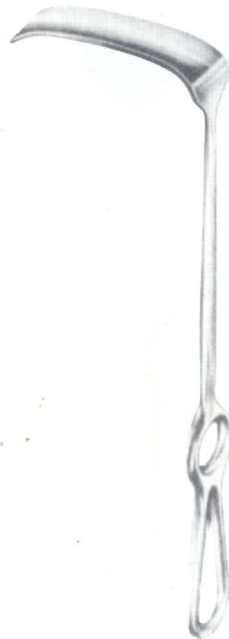
07-194-175  
17.5 cm  
Sharp



**KOCHER**  
**07-195-190** 19 x 12 mm  
 19 cm  
**07-196-190** 21 x 14 mm  
 19 cm



**KOCHER**  
**07-197-220** 40 x 10 mm  
 22 cm  
**07-198-220** 40 x 15 mm  
 22 cm  
**07-199-220** 40 x 20 mm  
 22 cm



**KOCHER**  
**07-200-225**  
 70 x 25 mm  
 22.5 cm



**KOCHER**  
**07-201-230** 23 cm 35 x 18 mm  
**07-202-230** 23 cm 60 x 20 mm  
**07-203-230** 23 cm 60 x 25 mm  
**07-204-230** 23 cm 75 x 30 mm  
**07-205-230** 23 cm 75 x 40 mm



**KOCHER**  
**07-206-250** 25 cm 80 x 45 mm  
**07-207-250** 25 cm 80 x 55 mm  
**07-208-250** 25 cm 80 x 65 mm



**MIDDELDORPF**  
**07-209-215** 14 x 17 mm  
 21.5 cm  
**07-210-220** 20 x 22 mm  
 22 cm  
**07-211-235** 26 x 30 mm  
 23.5 cm



**MIDDELDORPF**  
**07-212-255** 45 x 45 mm  
 25.5 cm  
**07-213-255** 45 x 50 mm  
 25.5 cm  
**07-214-255** 55 x 70 mm  
 25.5 cm



**GREEN**

**07-215-220**  
 25 x 12mm  
 22 cm

# RETRACTORS



**CHEEK-AND LIP  
MOVABLE**  
07-216-190  
19 cm



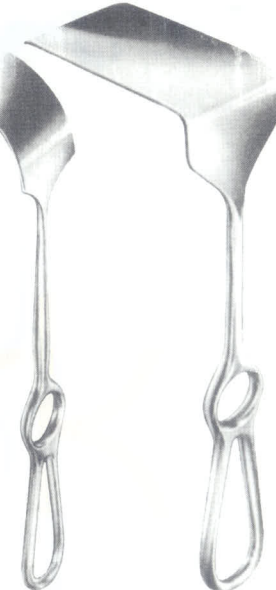
**FRITSCH**  
07-217-240  
35 x 40 mm  
24 cm



**FRITSCH**  
07-218-240 24 cm 45 x 40 mm  
07-219-240 24 cm 45 x 50 mm  
07-220-240 24 cm 45 x 60 mm  
07-221-240 24 cm 55 x 75 mm  
07-222-240 24 cm 65 x 85 mm



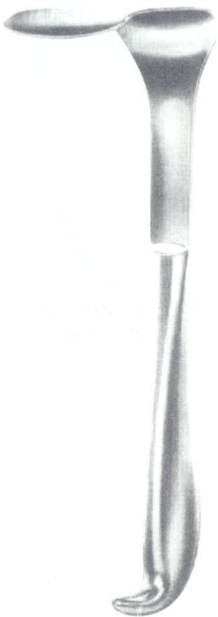
**KELLY**  
07-223-270  
190 x 38 mm  
27 cm  
07-224-270  
190 x 57 mm  
27 cm



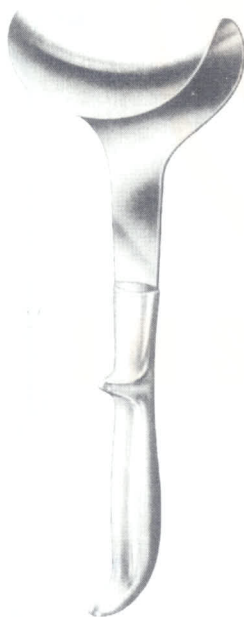
**MIKULICZ**  
07-225-260  
95 x 50 mm  
26 cm



**MIKULICZ**  
07-226-260 26 cm  
95 x 35 mm  
07-227-260 26 cm  
120 x 50 mm  
07-228-260 26 cm  
150 x 50 mm



**TUFFIER**  
07-229-230  
64 x 60 mm  
23 cm



**DOYEN**  
07-230-250  
50 x 85 mm  
25 cm



**ST. MARKS**  
07-231-330 33 cm  
60 x 45 mm  
07-232-330 33 cm  
180 x 60 mm



**ST. MARKS**  
07-233-330 33 cm  
60 x 45 mm  
07-234-330 33 cm  
178 x 60 mm



**ST. MARKS**  
07-235-290 29 cm  
35 x 45 mm  
07-236-290 29 cm  
130 x 60 mm



**MEYERDING**  
 07-237-225 22.5 cm 50 x 16 mm  
 07-238-225 22.5 cm 75 x 25 mm  
 07-239-225 22.5 cm 90 x 50 mm



**GOELET**  
 07-240-190 19 cm  
 Double Ended  
 30 x 31, 37 x 40



**KAYE-MILLARD**  
 07-241-080  
 8 cm

**DEAVER**  
 07-242-300 30 cm 25 mm  
 07-243-300 30 cm 38 mm  
 07-244-300 30 cm 50 mm  
 07-245-300 30 cm 75 mm



**HARRINGTON**  
 07-246-320 32 cm 127 x 40 mm  
 07-247-320 32 cm 127 x 62 mm



**RICHARDSON/KELLY**



07-248-240  
 24 cm  
 25 x 31mm  
 Grip Handle



07-249-240  
 24 cm  
 19 x 51mm  
 Grip Handle



07-250-240  
 24 cm  
 38 x 51mm  
 Grip Handle

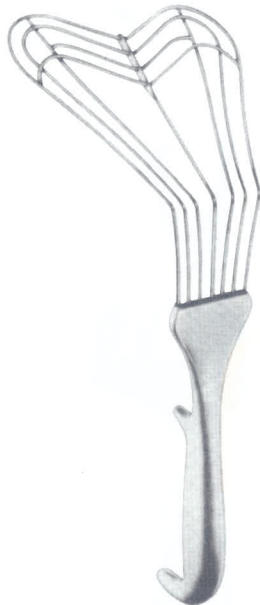


07-251-240  
 24 cm  
 64 x 76mm  
 Grip Handle

# RETRACTORS



**ALLISON**  
07-252-300 30 cm  
07-253-320 32 cm  
40 mm  
54 mm



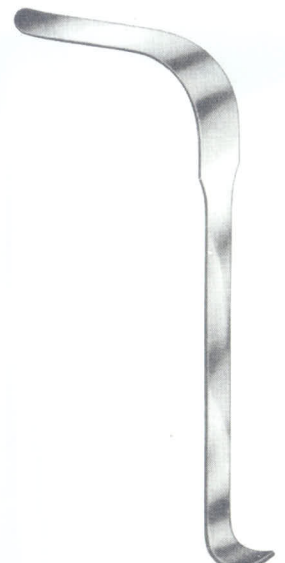
**ALLISON**  
07-254-260 26 cm  
137 mm



**LEGUEU**  
07-255-270 27 cm  
35 x 90 mm



**KOCHER**  
07-256-260 26 cm  
65 x 90 mm



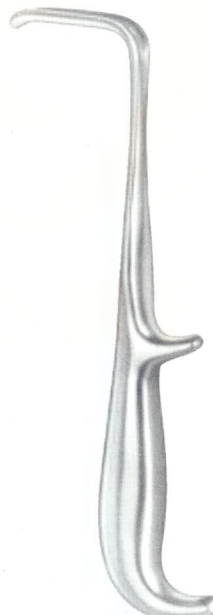
**KOERTE**  
07-257-280  
28 cm  
120 x 45 mm



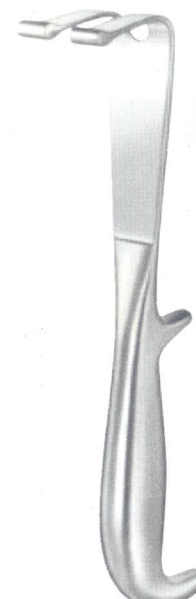
**LERICHE**  
07-258-310 31 cm 45 mm  
07-259-330 33 cm 60 mm



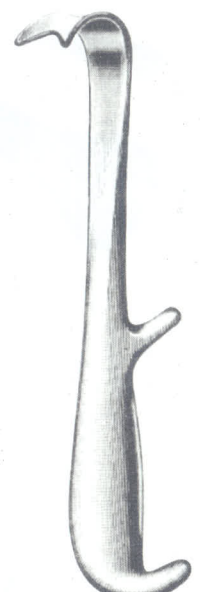
**YOUNG**  
07-260-220 22 cm



**YOUNG**  
07-261-210 21 cm



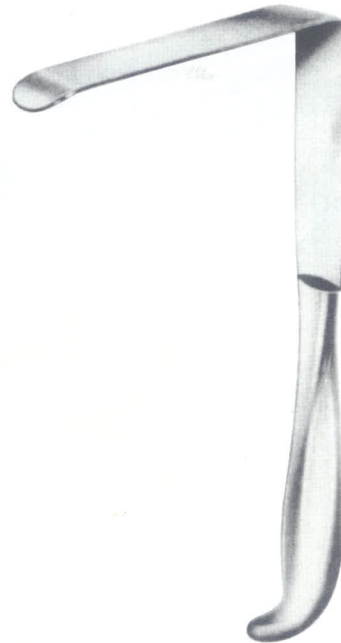
**YOUNG**  
07-262-220  
22 cm



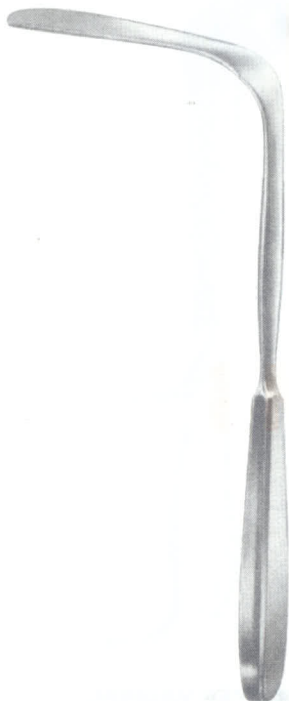
**YOUNG**  
07-263-210  
21 cm



**MEYERDING**  
07-264-235  
23.5 cm  
Medium



**BRUNNER**  
07-265-240  
145 x 45 mm  
24 cm



**MARTIN**  
07-266-250  
25 cm  
105 x 27 mm



**SIMON**  
07-267-280 28 cm  
07-268-280 28 cm  
115 x 22 mm  
115 x 27 mm



**MOD. TUEBINGEN**  
07-269-280  
28 cm  
95 x 20 mm



# RETRACTORS

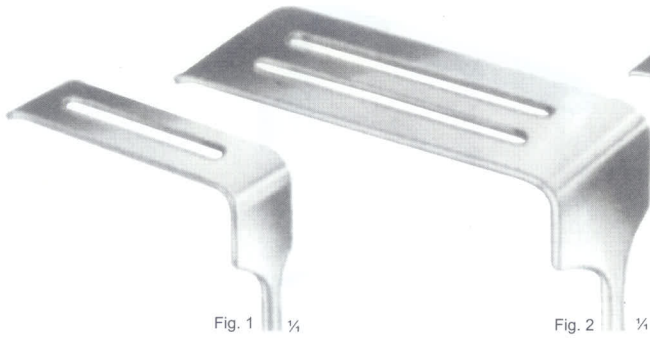


Fig. 1 ¼

Fig. 2 ¼



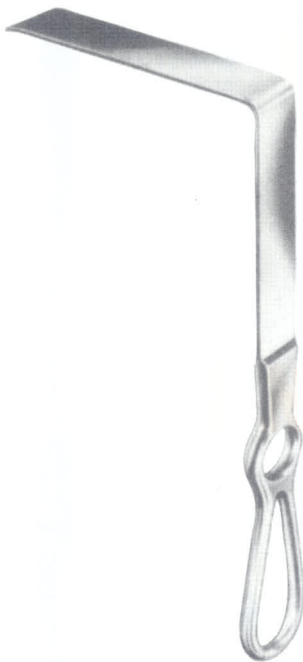
Fig. 3

## CORYLLOS

07-270-240 24 cm 82 x 22 mm  
07-271-240 24 cm 108 x 43 mm  
07-272-240 24 cm 115 x 65 mm

## DAVIDSON

07-273-160 16 cm 75 x 50 mm  
07-274-160 16 cm 75 x 90 mm



## BRUNNER

07-275-250 25 cm 80 x 20 mm  
07-276-250 25 cm 100 x 20 mm  
07-277-250 25 cm 120 x 25 mm  
07-278-250 25 cm 140 x 25 mm  
07-279-250 25 cm 160 x 30 mm  
07-280-250 25 cm 180 x 30 mm

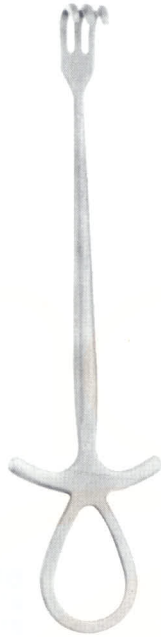


## DOYEN VAGINAL

07-281-225 22.5 cm  
Blade 9.5 cm x 4.5 cm wide  
07-282-250 25 cm  
Blade 12.1 cm x 4.4 cm wide  
07-283-234 23.4 cm  
Blade 9.8 cm x 6 cm wide



**HILL FERGUSON**  
**07-284-064**  
 Blade 6.4 cm x 2.4 cm wide  
**07-285-076**  
 Blade 7.6 cm x 3.2 cm wide  
**07-286-076**  
 Blade 7.6 cm x 3.5 cm wide



**MURPHY**  
**07-287-00**  
 3 prongs Sharp/Blunt  
**07-288-00**  
 4 prongs Sharp/Blunt



**VOLKMANN**  
 Long Pattern  
 22.2 cm

- |                                       |                                       |
|---------------------------------------|---------------------------------------|
| <b>07-289-222</b><br>Blunt, 2 prongs. | <b>07-294-222</b><br>Sharp, 2 prongs. |
| <b>07-290-222</b><br>Blunt, 3 prongs. | <b>07-295-222</b><br>Sharp, 3 prongs. |
| <b>07-291-222</b><br>Blunt, 4 prongs. | <b>07-296-222</b><br>Sharp, 4 prongs. |
| <b>07-292-222</b><br>Blunt, 5 prongs. | <b>07-297-222</b><br>Sharp, 5 prongs. |
| <b>07-293-222</b><br>Blunt, 6 prongs. | <b>07-298-222</b><br>Sharp, 6 prongs. |



**07-299-235** 23.5 cm  
 Blade 2.5 cm x 1.9 cm wide  
**07-300-235** 23.5 cm  
 Blade 3.2 cm x 2.9 cm wide  
**07-301-254** 25.4 cm  
 Blade 3.8 cm x 3.8 cm wide  
**07-302-254** 25.4 cm  
 Blade 6.4 cm x 4.1 cm wide  
**07-303-235** 23.5 cm  
 Blade 5.1 cm x 1.9 cm wide

**RICHARDSON**



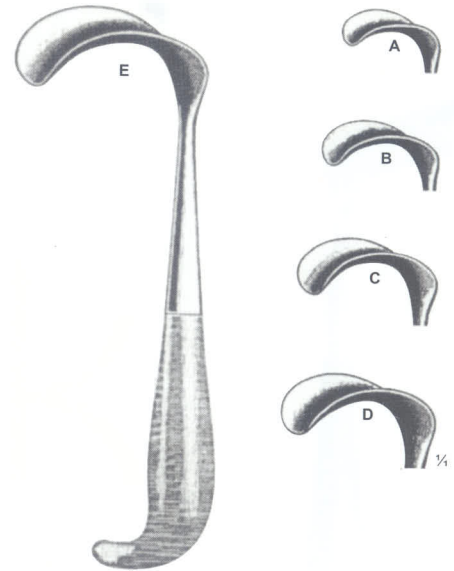
**07-304-00**  
 13 x 235 mm  
**07-305-00**  
 20 x 255 mm  
**07-306-00**  
 27 x 270 mm

**LAMBOTTE**

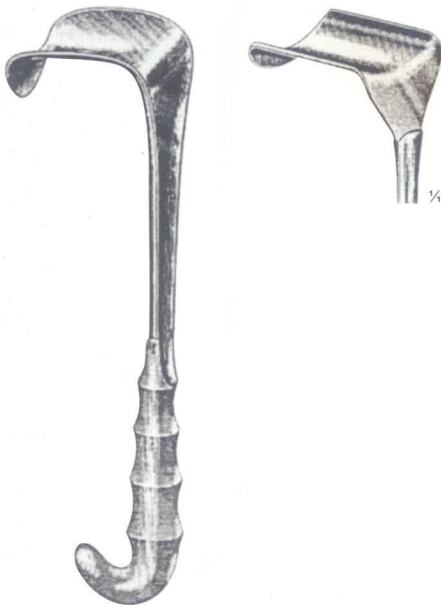
# RETRACTORS



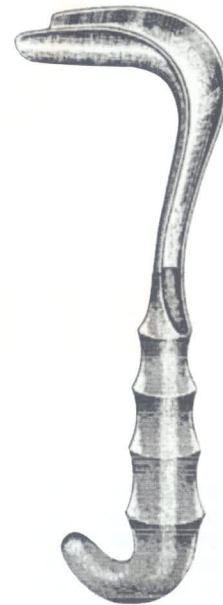
**MAYO ABDOMINAL**  
07-307-000  
2.75 x 10 mm



**BREWSTER**  
07-308-000 Style A 0.75 x 1.50  
07-309-000 Style B 1.75 x 1.00  
07-310-000 Style C 2.00 x 1.75  
07-311-000 Style D 2.25 x 1.75  
07-312-000 Style E 2.50 x 1.75



**KELLY**  
07-313-230 23 cm 1.50 x 2.00  
07-314-240 24 cm 2.00 x 2.50  
07-315-250 25 cm 2.50 x 3.00  
07-316-260 26 cm 2.75 x 3.25



**SIMS-KELLY**  
07-317-00 2.25 x 1  
07-318-00 2.75 x 1.75  
07-319-00 3 x 1.50

## RETRACTORS



**DE LEE CORNER**  
**07-320-235** 23.5 cm  
 Right Blade 7 cm x 5.1 cm wide  
**07-321-235** 23.5 cm  
 Left Blade 7 cm x 5.1 cm wide



**DE LEE UNIVERSAL**  
**07-322-235** 23.5 cm  
 Blade 7 cm x 5.1 cm wide



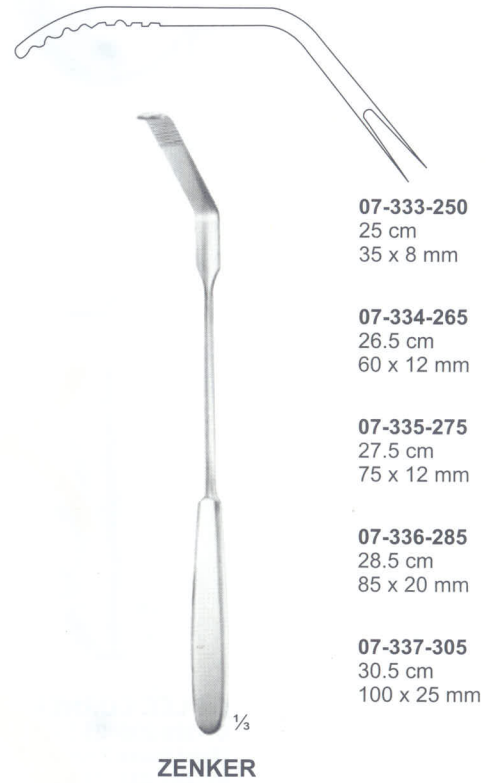
**TAUBER VAGINAL SPATULA**  
**07-323-235** 23.5 cm  
 Blade 8.9 cm x 3.5 cm wide



**SAUERBRUCH**  
**07-324-220** 22 cm 44 x 16 mm  
**07-325-220** 22 cm 53 x 22 mm  
**07-326-220** 22 cm 70 x 19 mm



**HEANY**  
**07-327-270** 27 cm 25 mm  
**07-328-270** 27 cm 28 mm  
**07-329-270** 27 cm 28 mm



**SAUERBRUCH**  
07-338-250 25 cm  
125 x 37 mm



**KADER**  
07-339-270 30 mm 27 cm  
07-340-270 40 mm 27 cm

# RETRACTORS



**COOLEY**  
07-341-250  
25 cm  
Right



**COOLEY**  
07-342-250  
25 cm  
Right - Serrated



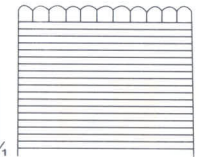
**COOLEY**  
07-343-270  
27 cm  
Left



**CRAWFORD**



**07-344-190**  
19 cm  
15 X 15 mm



**07-345-190**  
19 cm  
15 X 23 mm



**ROSS**  
25.5 cm



**07-346-255**  
Fig.01



**07-347-255**  
Fig.02



**07-348-255**  
Fig.03



**07-349-255**  
Fig.04

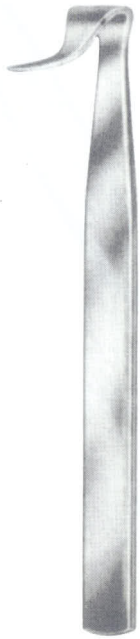


**07-350-255**  
Fig.05

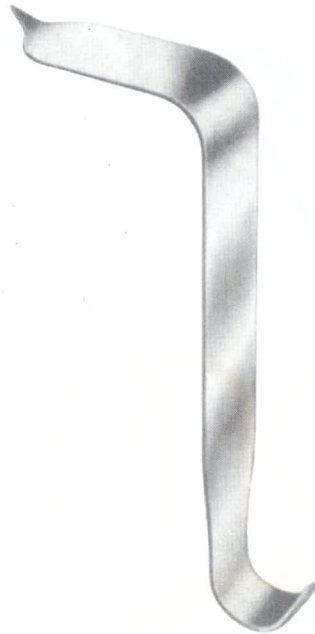


**07-351-255**  
Fig.06

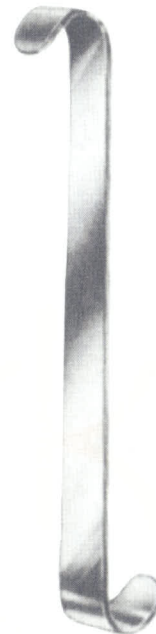
# RETRACTORS



**BLOUNT**  
07-352-175 17.5 cm  
42 x 4 mm



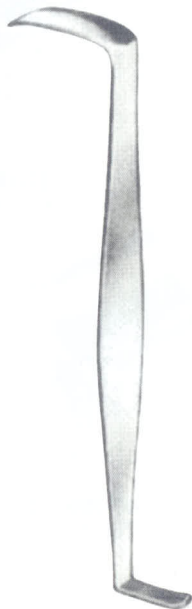
**TAYLOR**  
Spinal Retractors  
07-353-165 16.5 cm  
75 x 30 mm  
07-354-165 16.5 cm  
100 x 30 mm



**LUER**  
07-355-110 11 cm  
10 x 8 mm  
07-356-110 11 cm  
11 x 12 mm



**ROSE**  
07-357-130 13 cm  
12 x 10 mm  
07-358-130 13 cm  
11 x 15 mm



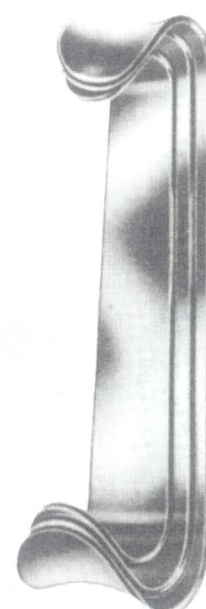
**CRILE**  
07-359-110 11 cm  
11 x 4 mm  
07-360-110 11 cm  
19 x 6 mm



**BABY-ROUX**  
07-361-130 13 cm  
17 x 16 mm  
07-362-130 13 cm  
18 x 22 mm

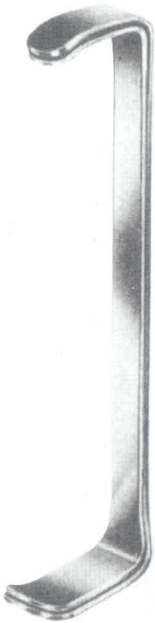


**MINI-ROUX**  
07-363-140  
14 cm



**ROUX**  
Set 3 pcs. consisting of  
07-364-140 14 cm  
24 x 20 / 30 x 28 mm  
07-365-150 15 cm  
29 x 26 / 36 x 36 mm  
07-366-170 17 cm  
33 x 29 / 38 x 43 mm

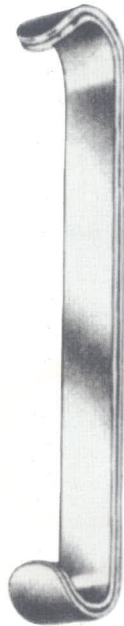
# RETRACTORS



**FARABEUF**  
Set 2 Pcs.  
**07-367-130** 13 cm  
25 x 10 / 32 x 12 mm  
**07-368-130** 13 cm  
22 x 10 / 28 x 12 mm



**FARABEUF**  
Set 2 Pcs.  
**07-369-150** 15 cm  
23 x 16 / 28 x 16 mm  
**07-370-150** 15 cm  
20 x 16 / 24 x 16 mm



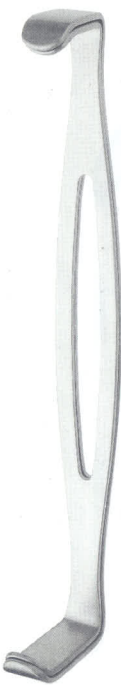
**PARKER**  
Set 2 pcs.  
**07-371-135** 13.5 cm  
22 x 15 mm  
**07-372-135** 13.5 cm  
18 x 15 mm



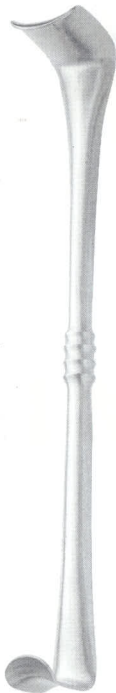
**COLLIN**  
Set 2 pcs.  
**07-373-165** 16.5 cm  
21 x 14 / 32 x 16 mm  
**07-374-165** 16.5 cm  
17 x 14 / 28 x 16 mm



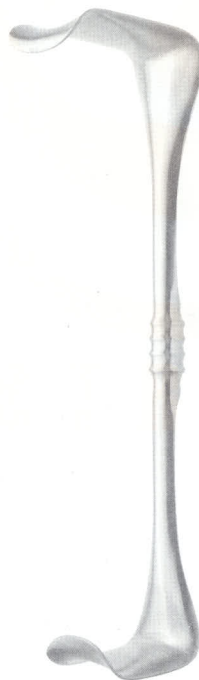
**MATHIEU**  
Set 2 pcs.  
**07-375-200** 20 cm  
47 x 13 / 42 x 24 mm  
**07-376-200** 20 cm  
40 x 13 / 37 x 24 mm



**US-ARMY**  
Set 2 pcs.  
**07-377-215** 21.5 cm  
26 x 14 / 43 x 14 mm  
**07-378-215** 21.5 cm  
22 x 14 / 39 x 14 mm



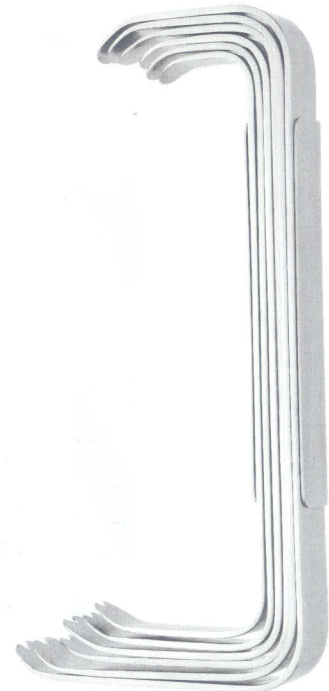
**RICHARDSON  
EASTMAN**  
**07-379-260**  
26 cm  
small



**RICHARDSON  
EASTMAN**  
**07-380-280**  
28 cm



**MATHIEU**  
Set of 2 Pcs.  
**07-381-215** 21.5 cm 25 x 15 mm fig. 1  
**07-382-215** 21.5 cm 21 x 15 mm fig. 2  
**07-383-215** 21.5 cm 40 x 15 mm fig. 1  
**07-384-215** 21.5 cm 46 x 15 mm fig. 2



**USA**  
**07-385-00**  
set of 6 pec.



# RETRACTORS



1/2

| Fig. | Item       | Description | Tip   |
|------|------------|-------------|-------|
| A    | 07-386-200 | 20 cm       | 12 mm |
| A    | 07-387-200 | 20 cm       | 17 mm |
| A    | 07-388-200 | 20 cm       | 25 mm |
| A    | 07-389-250 | 25 cm       | 25 mm |
| A    | 07-390-330 | 33 cm       | 25 mm |
| A    | 07-391-330 | 33 cm       | 32 mm |
| A    | 07-392-330 | 33 cm       | 40 mm |
| A    | 07-393-330 | 33 cm       | 50 mm |

**MALLEABLE**



**RIBBON**  
07-394-200  
20 cm  
Width 4 cm



**RIBBON**  
07-395-200  
20 cm  
Width 2.5 cm



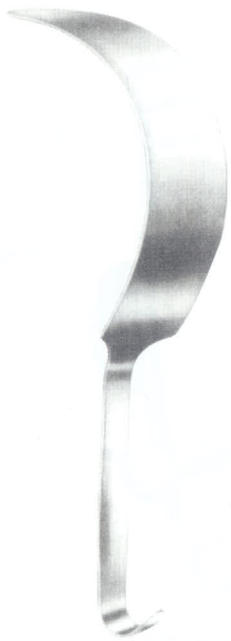
**TUFFIER / HABERER**  
malleable  
07-396-200 17 x 25 mm 20 cm  
07-397-280 25 x 30 mm 28 cm  
07-398-300 37 x 45 mm 30 cm



**REVERDIN**  
07-399-280  
28 cm  
46 x 60 mm



**BLOOD SCOOP**  
07-400-150  
15 cm



**DEAVER**  
**07-401-300**  
30 cm  
75 mm



**DEAVER**  
**07-402-300**  
30 cm  
50 mm



**DEAVER**  
**07-403-300**  
30 cm  
38 mm



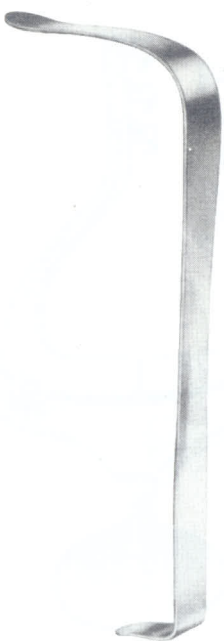
**DEAVER**  
**07-404-360**  
36 cm  
25 mm



**DEAVER**  
**07-405-330**  
33 cm  
25 mm



**DEAVER**  
**07-406-300**  
30 cm  
25 mm



**DEAVER**  
**07-407-230**  
23 cm  
25 mm



**DEAVER**  
**07-408-215**  
21.5 cm  
22 mm



**DEAVER**  
**07-409-180**  
18 cm  
19 mm

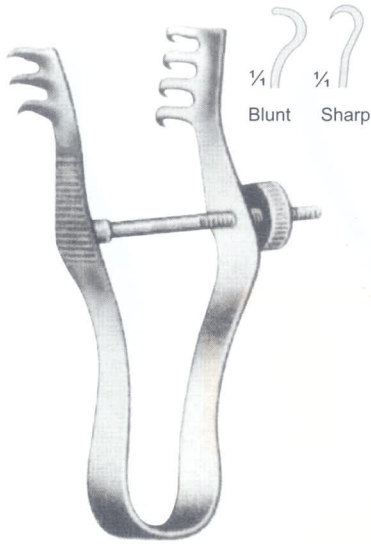


**S-SHAPED**  
**07-410-210**  
21 cm  
12 mm

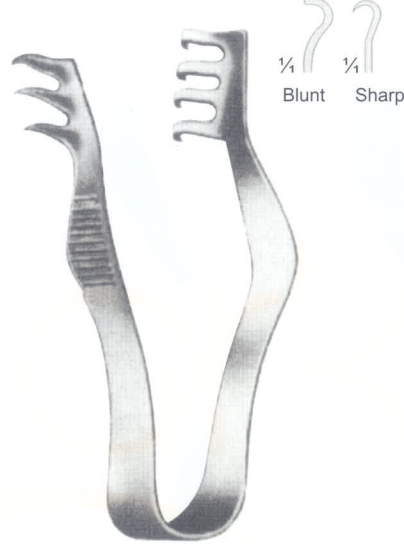
# RETRACTORS



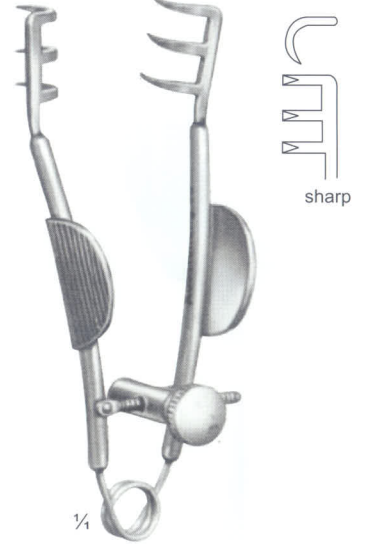
**HEISS**  
07-411-100 10 cm  
Sharp 4:4  
07-412-100 10 cm  
Blunt 4:4



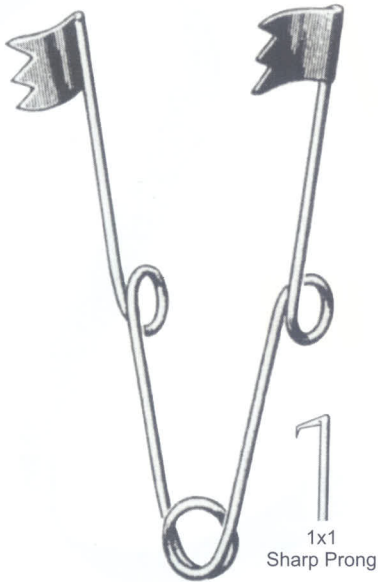
**FINSEN**  
07-413-070 7 cm  
3 x 4 teeth  
sharp



**FINSEN**  
07-414-050 5 cm  
2 x 3 teeth sharp  
07-415-070 7 cm  
2 x 3 teeth sharp



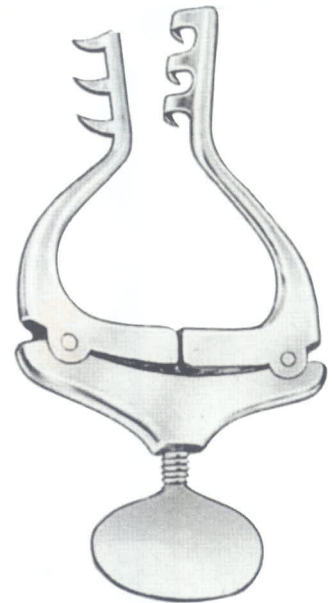
**BUCKLEY**  
07-416-060  
6 cm



**WIRE RETAINING**  
07-417-085 8.5 cm 3 x 3 Prong  
07-418-085 8.5 cm 1 x 1 Prong Sharp



**ALM**  
07-419-00  
70 mm



**JANSEN**  
07-420-100 10 cm  
Sharp 3:3  
07-421-100 10 cm  
Blunt 3:3

RETRACTORS



**WEITLANER WULLSTEIN**  
07-422-130 13 cm Sharp  
07-423-130 13 cm Blunt



**BECKMANN ADSON**  
07-424-290  
29 cm



**HOUZEL**  
07-425-000



**MOLLISON**  
07-426-150  
15 cm

# RETRACTORS



**07-427-200** 20 cm  
20 mm x 20 mm  
Sharp 4:4  
**07-428-200** 20 cm  
19 mm x 19 mm  
Blunt 4:4

ANDERSON-ADSON



**07-429-310** 31 cm  
Sharp 4:4  
19 mm x 25 mm  
**07-430-310** 31 cm  
13 mm x 25 mm  
Blunt 4:4

BECKMANN

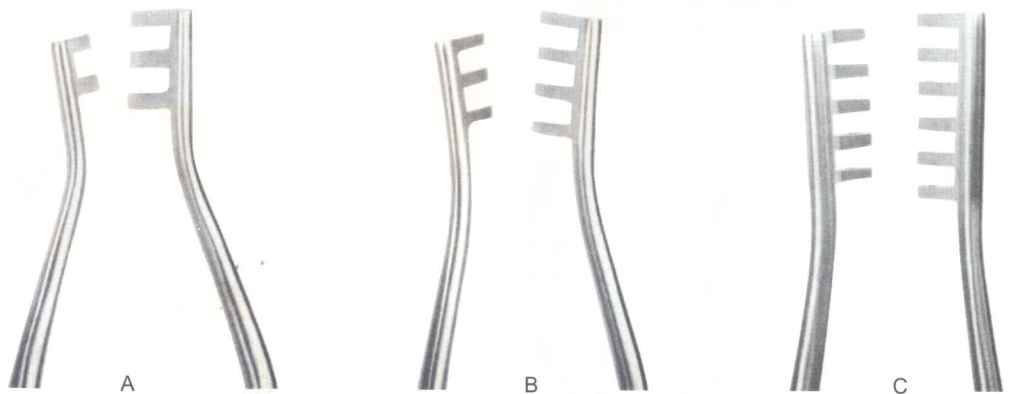


**07-431-330** 33 cm  
47 mm x 44 mm  
Blunt 7:7

BECKMANN/EATON



WEITLANER

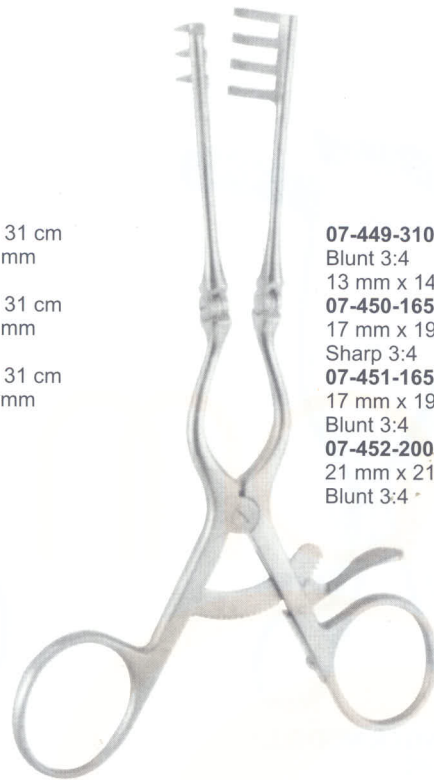


| Fig. | Item       | Description        | Blade (Depth x width) |
|------|------------|--------------------|-----------------------|
| A    | 07-432-105 | 10.5 cm Sharp, 2:3 | 15 mm x 12 mm         |
| A    | 07-433-105 | 10.5 cm Blunt, 2:3 | 15 mm x 12 mm         |
| B    | 07-434-130 | 13 cm Sharp, 3:4   | 18.5 mm x 18.5 mm     |
| B    | 07-435-130 | 13 cm Blunt, 3:4   | 18.5 mm x 18.5 mm     |
| B    | 07-436-130 | 13 cm Sharp, 3:4   | 18.5 mm x 18.5 mm     |
| B    | 07-437-130 | 13 cm Blunt, 3:4   | 18.5 mm x 20 mm       |
| B    | 07-438-165 | 16.5 cm Sharp, 3:4 | 18.5 mm x 18.5 mm     |
| B    | 07-439-165 | 16.5 cm Blunt, 3:4 | 18.5 mm x 18.5 mm     |
| B    | 07-440-200 | 20 cm Sharp, 3:4   | 20 mm x 20 mm         |
| B    | 07-441-200 | 20 cm Blunt, 3:4   | 20 mm x 20 mm         |
| B    | 07-442-250 | 25 cm Sharp, 3:4   | 30 mm x 20 mm         |
| B    | 07-443-250 | 25 cm Blunt, 3:4   | 23.5 mm x 19 mm       |
| C    | 07-444-260 | 26 cm Sharp, 5:6   | 27 mm x 32 mm         |
| C    | 07-445-260 | 26 cm Blunt, 5:6   | 27 mm x 32 mm         |



**07-446-310** 31 cm  
 25 mm x 31 mm  
 Sharp 4:4  
**07-447-310** 31 cm  
 25 mm x 31 mm  
 Blunt 4:4  
**07-448-310** 31 cm  
 25 mm x 45 mm  
 Blunt 4:4

**BECKMANN/ADSON**



**07-449-310** 31 cm  
 Blunt 3:4  
 13 mm x 14.5 mm  
**07-450-165** 16.5 cm  
 17 mm x 19 mm  
 Sharp 3:4  
**07-451-165** 16.5 cm  
 17 mm x 19 mm  
 Blunt 3:4  
**07-452-200** 20 cm  
 21 mm x 210 mm  
 Blunt 3:4

**CONE**



**07-453-090** 9 cm  
 6 mm Sharp  
**07-454-110** 11 cm  
 10 mm Sharp  
**07-455-140** 14 cm  
 10 mm Sharp  
**07-456-190** 19 cm  
 10 mm Sharp

**GELPI**



**GELPI PERINEAL**  
**07-457-180**  
 18 cm

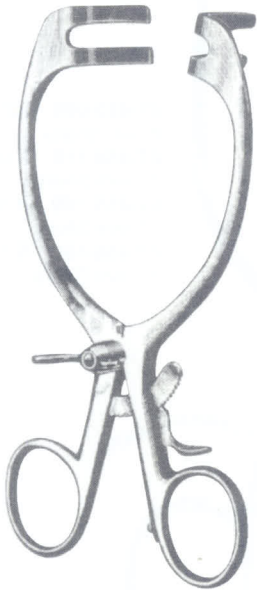


**MARKHAM/MEYERDING**  
**07-458-180**  
 18 cm Blade 55 x 25 mm Left  
**07-459-180**  
 18 cm Blade 55 x 25 mm Right



**MILLIGAN**  
**07-460-130**  
 18.5 mm x 20 mm  
 Blunt, 3:3  
 13 cm

# RETRACTORS



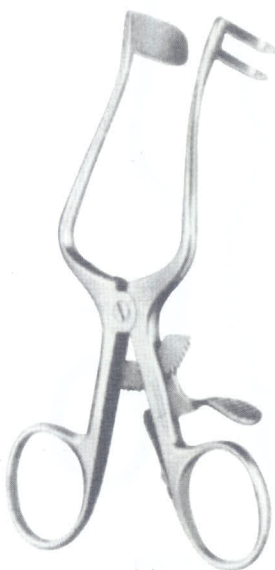
**MAYO-ADAMS**  
07-461-170 17 cm  
2 x 2 teeth blunt



**TUEBINGER MODELL**  
07-462-160  
16 cm



**PLESTER**  
07-463-130  
13 cm  
2 x 2 teeth  
sharp



**PLESTER**



**07-464-110**  
11 cm fig. 1 Blunt



**07-465-110**  
11 cm fig. 2 Blunt



**ADSON**



**ADSON-BABY**  
07-466-160  
16 cm sharp  
3 x 4 teeth  
13 mm



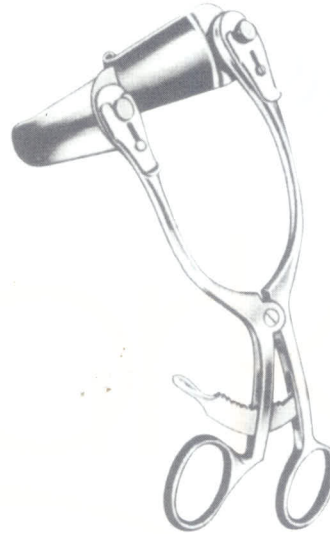
**ADSON-BABY**  
07-467-160  
16 cm blunt  
3 x 4 teeth  
13 mm



**07-468-320**  
32 cm  
semi-sharp  
4 x 5 teeth  
26 mm



**CLOWARD**  
**07-469-250** 25 cm  
 Complete with 5 blades  
**07-470-250** 25 cm  
 Consisting of spreader only  
 Each 1 blade



**CLOWARD**  
**07-471-260** 26 cm  
 Complete with 5 blades  
**07-472-260** 26 cm  
 Consisting of spreader only  
 Each 1 blade



**BLADES ONLY**

- Blunt  
**07-473-260** 40 x 15 mm  
**07-474-260** 45 x 15 mm  
**07-475-260** 50 x 15 mm  
**07-476-260** 55 x 15 mm  
**07-477-260** 60 x 15 mm



**BLADES ONLY**

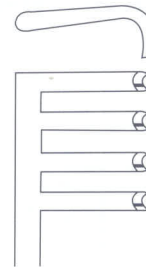
- Sharp  
**07-478-260** 40 x 15 mm  
**07-479-260** 45 x 15 mm  
**07-480-260** 50 x 15 mm  
**07-481-260** 55 x 15 mm  
**07-482-260** 60 x 15 mm



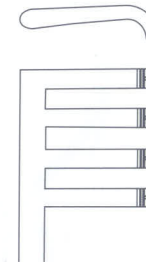
**CASPAR**  
**07-483-160** 16 cm  
 Complete with 5 blades  
**07-484-160** 16 cm  
 Consisting of spreader only  
 Each 1 blade



**HENLEY**



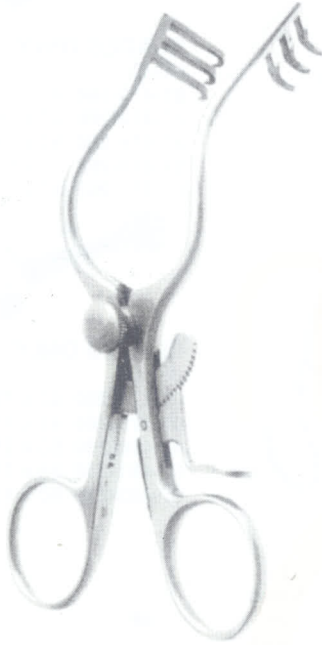
**07-485-160** 16 cm  
 3 : 4 mm  
 blunt



**07-486-160** 16 cm  
 3 : 4 mm  
 sharp



# RETRACTORS



**WULLSTEIN**  
 10.5 cm 07-487-105 07-490-105  
 13.0 cm 07-488-130 07-491-130  
 16.0 cm 07-489-160 07-492-160  
 Sharp Blunt



**TRAVERS**  
 07-493-220  
 21 cm



**RIGHTBY**  
 07-494-180 35 x 20 mm  
 07-495-180 60 x 20 mm  
 07-496-180 65 x 15 mm  
 18 cm



**MISKIMON**  
 07-497-220 Sharp  
 07-498-220 Blunt  
 22 cm

# RETRACTORS



**RICARD**  
07-499-165 16.5 cm  
spreading 160mm lateral blades 63 x 35mm  
1 central blades 60 x 65mm



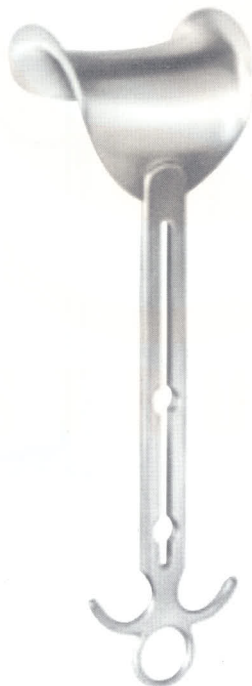
**BALFOUR**  
07-500-00  
70 x 85 mm Center Blade  
07-501-250 25 cm 70 x 85 mm  
07-502-250 25 cm 100 x 35 mm  
Spread



**BALFOUR/BABY**  
07-503-00 90 mm  
07-504-00 24 x 20 mm  
07-505-00 27 x 27 mm



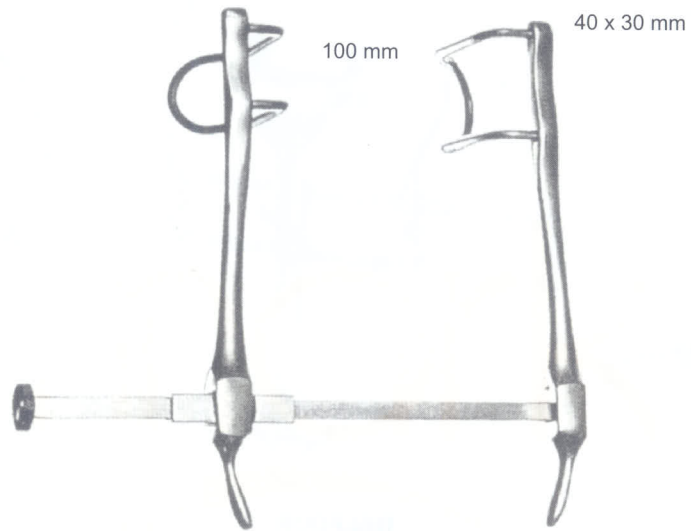
**BALFOUR/US**  
07-506-250 25 cm 45 x 80 mm  
07-507-250 25 cm 70 x 35 mm  
07-508-250 25 cm 100 x 35 mm



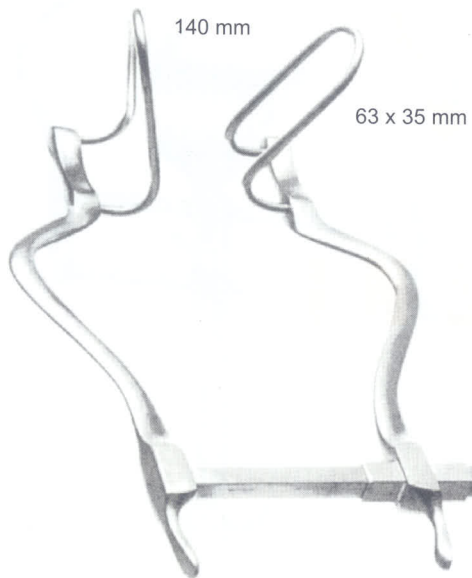
**07-509-000**  
Center Blade  
45 x 80 mm



**BALFOUR**  
07-510-180 18 cm 45 x 80 mm  
07-511-180 18 cm 63 x 35 mm  
Spread



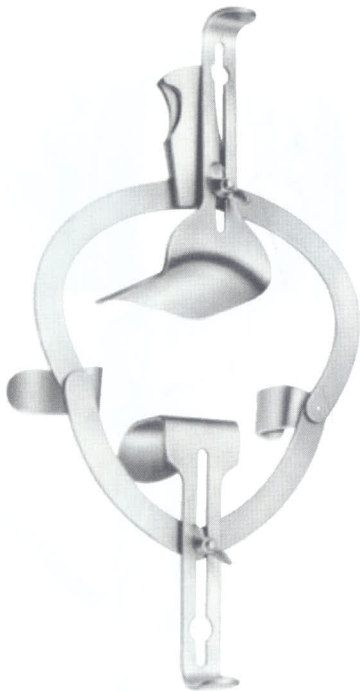
**GOSSET**  
07-512-000



**GOSSET**  
07-513-000



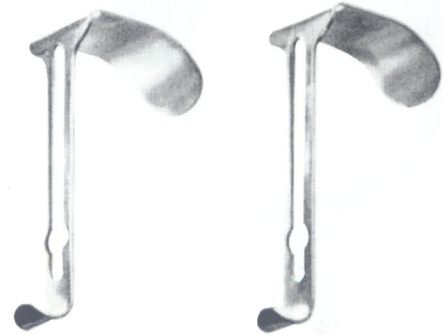
**GOSSET**  
07-514-000



**O'SULLIVAN/O'CONNOR**  
**07-515-00**  
Set includes frame & 3 blades  
**07-516-00**  
Frame Only (not pictured)



**07-517-00**  
Single Retractor Blade  
110 x 70 mm



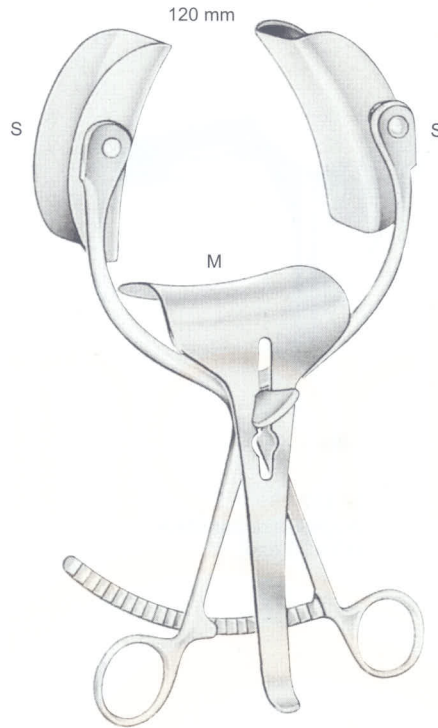
**07-518-00**  
Set of 2 Retractor Blade  
80 x 45 mm



**BABY-COLLIN**  
**07-519-160** 16 cm  
complete with each 2  
lateral blades

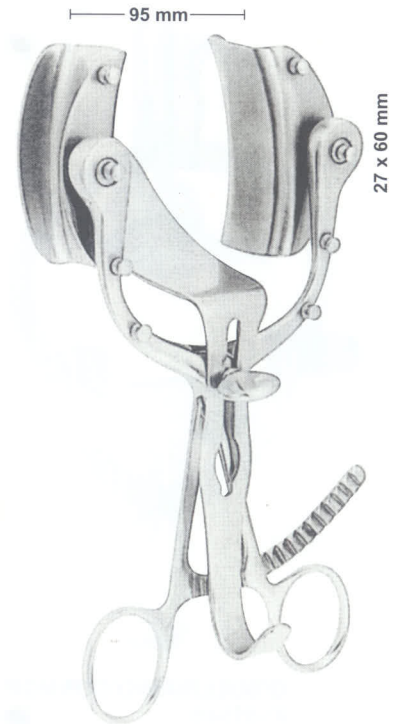


**COLLIN**  
07-520-180 18 cm  
complete with 2 lateral  
blades



**COLLIN**

|           |             |            |
|-----------|-------------|------------|
|           | S           | M          |
| 07-521-00 | 38 x 62 mm  | 55 x 55 mm |
| 07-522-00 | 38 x 80 mm  | 55 x 65 mm |
| 07-523-00 | 38 x 100 mm | 55 x 75 mm |



**LEGUEU**  
07-524-170  
17 cm

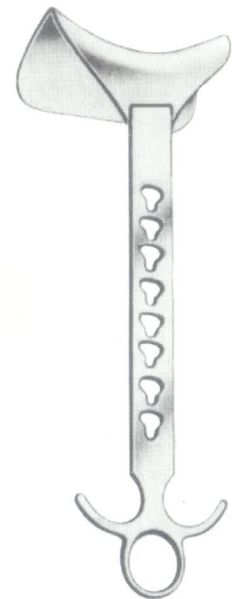


**RICARD**  
07-525-280 28 cm  
complete with 2 lateral  
blades and central blade  
70 mm x 90 mm



**DOYEN**

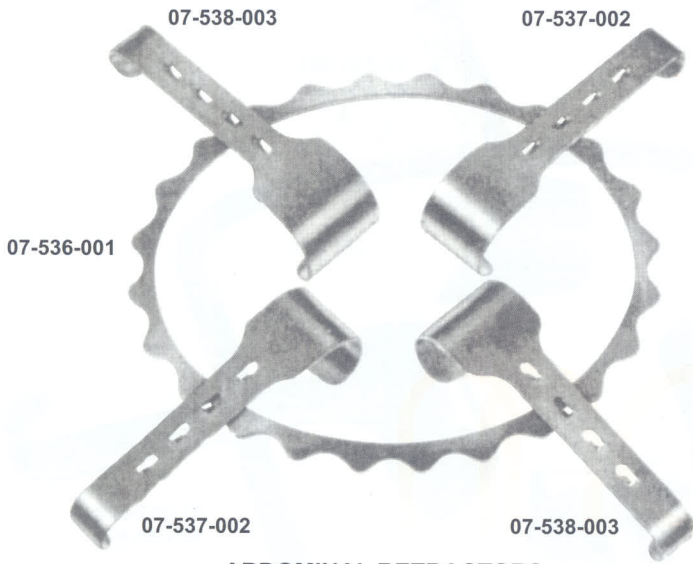
|            |                      |
|------------|----------------------|
| 07-526-280 | 28 cm 48 mm x 90 mm  |
| 07-527-280 | 28 cm 48 mm x 105 mm |
| 07-528-280 | 28 cm 48 mm x 120 mm |
| 07-529-280 | 28 cm 48 mm x 135 mm |



**ROCHARD**

|            |                      |
|------------|----------------------|
| 07-530-310 | 31 cm 48 mm x 90 mm  |
| 07-531-310 | 31 cm 48 mm x 105 mm |
| 07-532-310 | 31 cm 48 mm x 120 mm |
| 07-533-310 | 31 cm 48 mm x 135 mm |
| 07-534-310 | 31 cm 48 mm x 155 mm |

# RETRACTORS



**ABDOMINAL RETRACTORS**  
for new-born and children

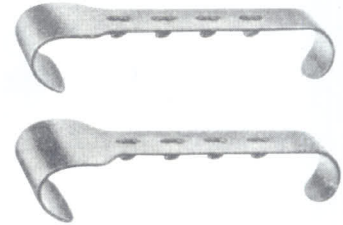
## DENIS-BROWNE

07-535-000  
complete

07-536-001 Frame 190 x 160 mm  
07-537-002 2 blades only 40 x 30 mm  
07-538-003 2 blades only 40 x 40 mm

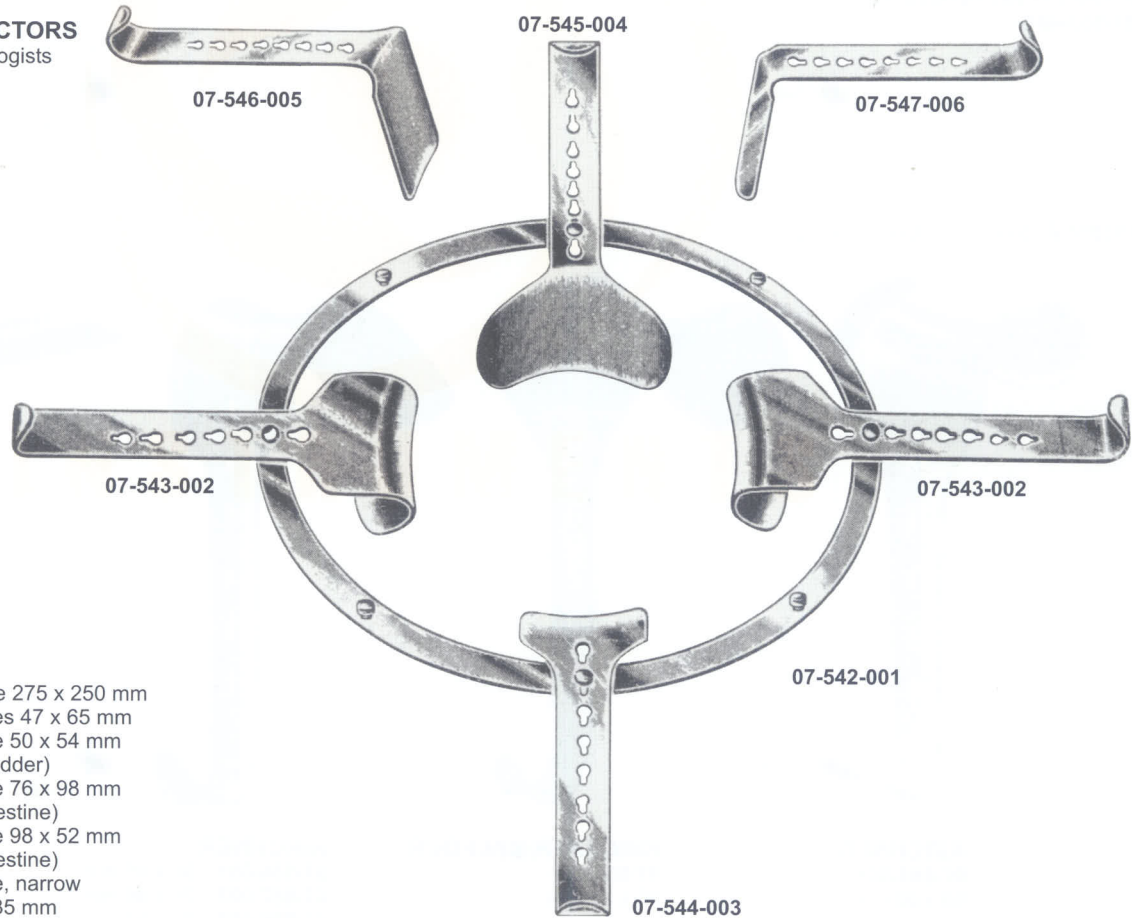
07-539-004  
Blades only 20 x 30 mm

07-540-005  
Blades only 20 x 40 mm



## ABDOMINAL RETRACTORS

well suitable for gynaecologists

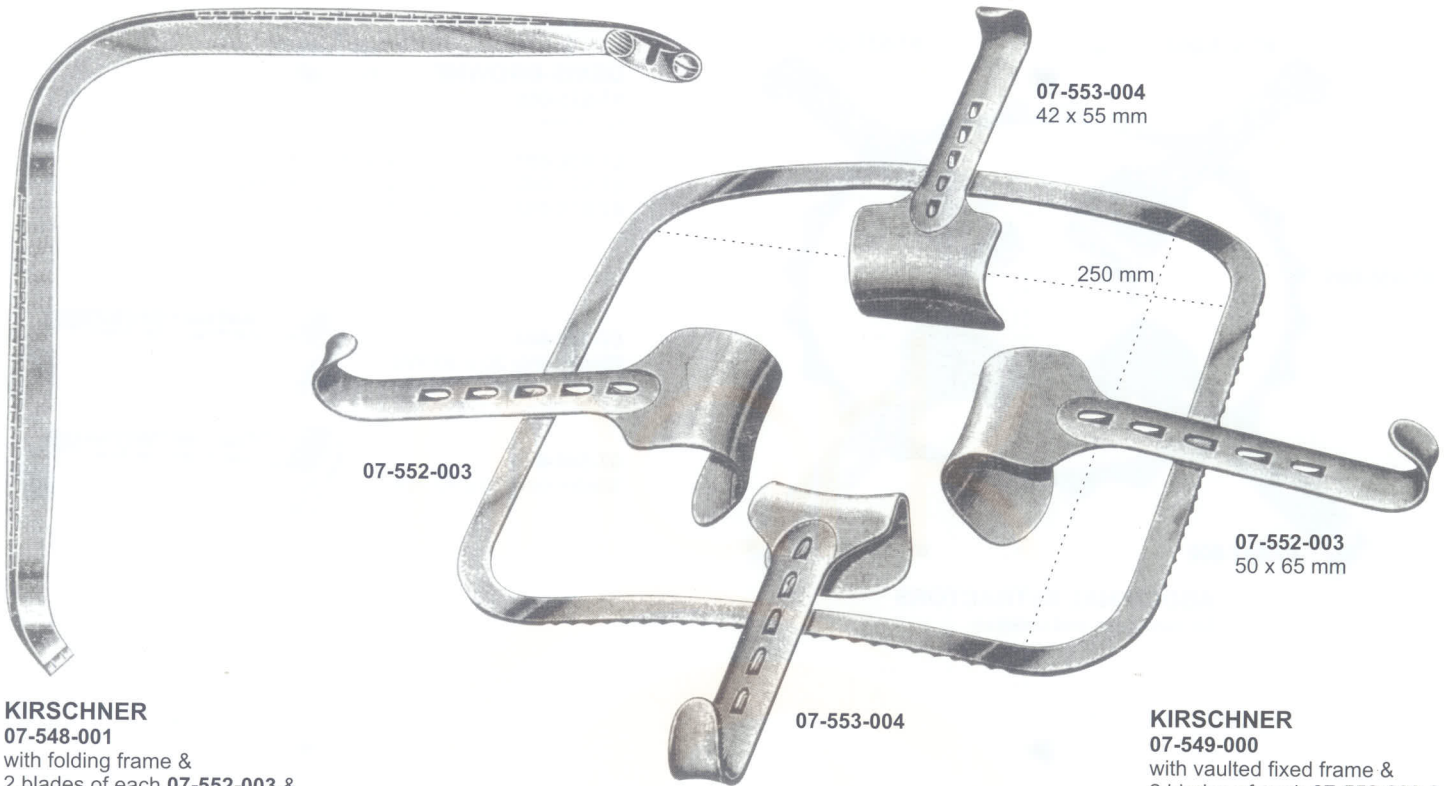


### semm

07-541-000  
Consisting of:

07-542-001 1 frame 275 x 250 mm  
07-543-002 2 blades 47 x 65 mm  
07-544-003 1 blade 50 x 54 mm  
(for bladder)  
07-545-004 1 blade 76 x 98 mm  
(for intestine)  
07-546-005 1 blade 98 x 52 mm  
(for intestine)  
07-547-006 1 blade, narrow  
105 x 35 mm

# RETRACTORS



**KIRSCHNER**  
07-548-001  
with folding frame &  
2 blades of each 07-552-003 &  
07-553-004

**KIRSCHNER**  
07-549-000  
with vaulted fixed frame &  
2 blades of each 07-552-003 &  
07-553-004

07-550-001  
300 x 380 mm  
Frame only, over-sized

07-551-002  
320 x 300 mm  
Frame only

Additional valves for corpulent persons



**KIRCHNER**  
07-554-001  
65 x 80 mm

**KIRCHNER-BALFOUR**  
07-555-001  
80 x 80 mm

**KIRCHNER**  
07-556-001 90 x 65 mm  
07-557-002 90 x 90 mm  
07-558-003 80 x 57 mm

**KIRCHNER**  
07-559-001 105 x 40 mm  
07-560-002 090 x 55 mm  
07-561-003 120 x 55 mm