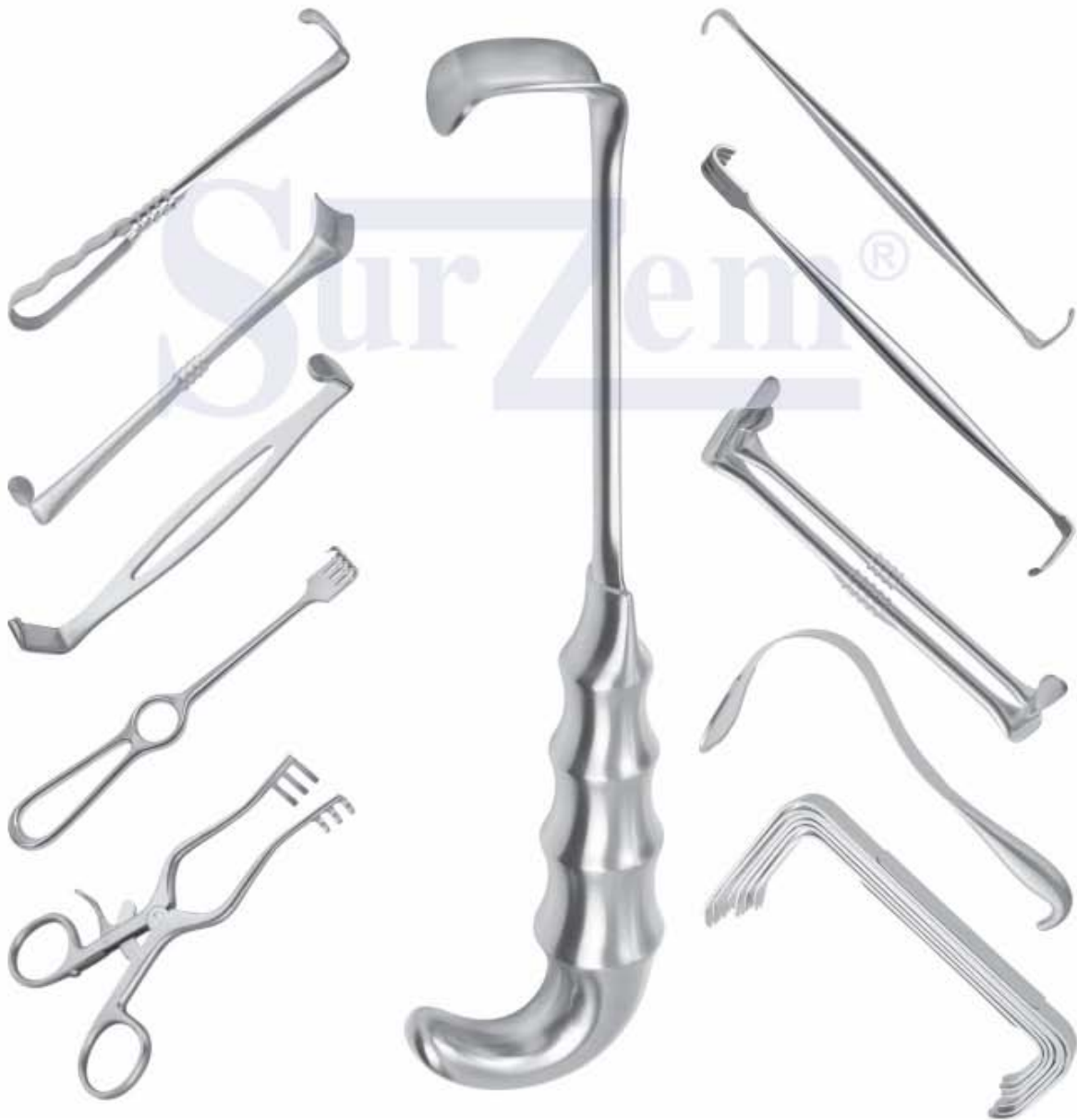
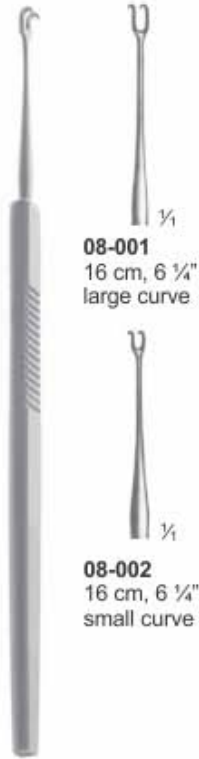


## RETRACTORS INSTRUMENTS



Wundhäkchen, Mikrohäkchen | Crochet, Micro crochetes  
 Ganchito, Micro Ganchitos | Divaricatore, Micro Divaricatori



**08-001**  
 16 cm, 6 1/4"  
 large curve

**08-002**  
 16 cm, 6 1/4"  
 small curve

**GUTHRIE HOOKLET**



**08-003**  
 18 cm, 7"  
 Sharp

**08-004**  
 18 cm, 7"  
 sharp

**GILLIES SKIN HOOK**



**08-005**  
 15 cm, 6"  
 sharp

**KILNER HOOK**



**08-006**  
 18.5 cm, 7 1/4"  
 sharp

**08-007**  
 18.5 cm, 7 1/4"  
 sharp

**FISCH HOOKLET & Skin Hook**



**08-008**  
 13 cm, 5"  
**08-009**  
 18 cm, 7"  
 Blunt

**08-010**  
 13 cm, 5"  
**08-011**  
 18 cm, 7"  
 Sharp

**FRAZIER HOOKLET & Skin Hook**



**DOUBLE PRONG MICRO HOOK & Skin Hook**  
**08-012**  
 Sharp, 2mm, wide jaws,  
 14.5 cm, 6 3/4"



**WIENER HOOK & Skin Hook**  
**08-013**  
 Sharp,  
 14 cm, 5 1/2"



**TOENNIS HOOK & Skin Hook**  
**08-014**  
 15 cm, 6"  
 Sharp



**08-015**  
 2 sharp prong  
 13 cm, 5"  
 2.25mm diameter  
 3mm wide

**08-016**  
 4 sharp prong  
 13 cm, 5"  
 2mm diameter  
 5mm wide

**08-017**  
 4 blunt prong  
 13 cm, 5"  
 2mm diameter  
 5mm wide

**ROLLET HOOK**



**08-018**  
 15 cm, 6", sharp  
 double prongs  
 2.5mm wide

**08-019**  
 15 cm, 6", blunt  
 double prongs  
 2.5mm wide

**FREER SKIN HOOK**



**CRILE HOOKLET & SKIN HOOKS**  
 08-020 20.4 cm, 8"



**VON GRAEFE Strabismus & SKIN HOOKS**  
 08-021 13.0 cm, 5" - A  
 08-022 14.0 cm, 5 1/2" - B  
 08-023 15.0 cm, 6" - C



**WAGENER HOOKLET & SKIN HOOKS**  
 08-024 14 cm, 5 1/2" - A  
 08-025 14 cm, 5 1/2" - B  
 08-026 14 cm, 5 1/2" - C  
 08-027 14 cm, 5 1/2" - D



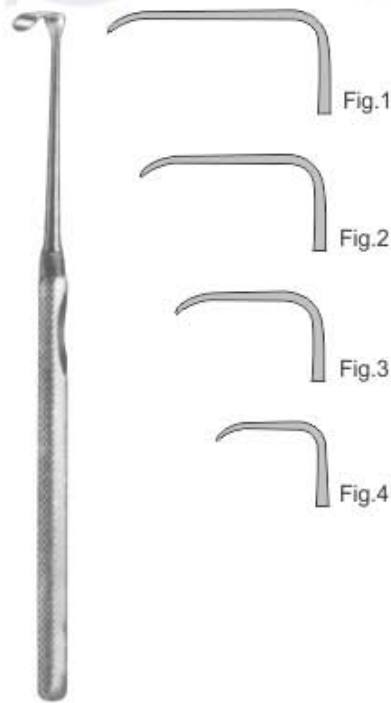
**DAY HOOKLET & SKIN HOOKS**  
 08-028 16 cm, 6 1/4" - A  
 08-029 16 cm, 6 1/4" - B



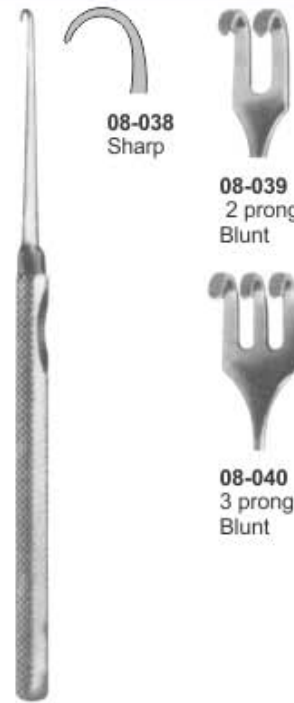
**LUCAE HOOKLET & SKIN HOOKS**  
 08-030 14 cm, 5 1/2" - A  
 08-031 14 cm, 5 1/2" - B  
 08-032 14 cm, 5 1/2" - C



**Converse Hook**  
 08-033  
 12 cm, 5"



**MANNERFELT-LANGENBECK HOOK**  
 08-034 15 x 6 mm 15.5 cm, 6" Fig.1  
 08-035 20 x 6 mm 15.5 cm, 6" Fig.2  
 08-036 25 x 6 mm 15.5 cm, 6" Fig.3  
 08-037 30 x 8 mm 15.5 cm, 6" Fig.4



**MANNERFELT HOOK**  
 15.5 cm, 6"  
 large curve, single  
 hook



**Brom Hooklet Retractors**  
 08-041  
 17 cm, 6 3/4"

**Hooklet Retractors**  
 08-042  
 13 cm, 5"

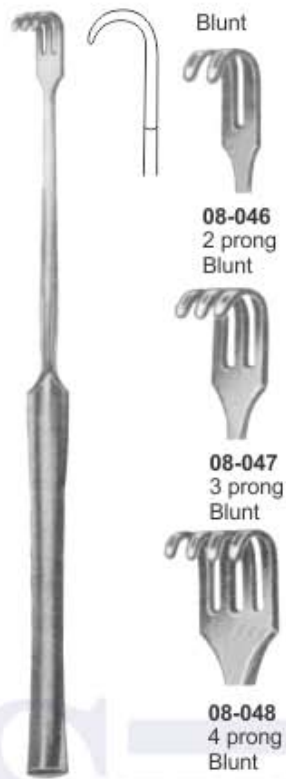
# HOOKLET, RETRACTORS

Wundhäkchen, Wundhaken  
Ganchito, Separadores

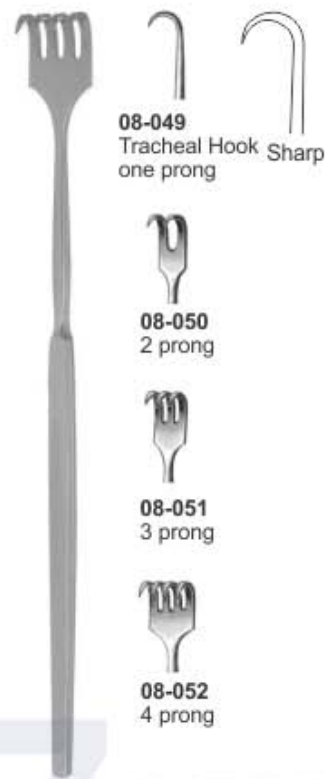
Crochet, Ecarteurs  
Divaricatore, Divaricatori



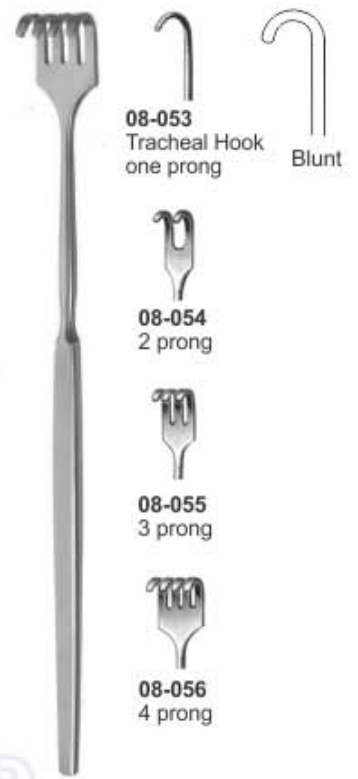
Tracheal Retractor  
18 cm



Tracheal Retractor  
18 cm



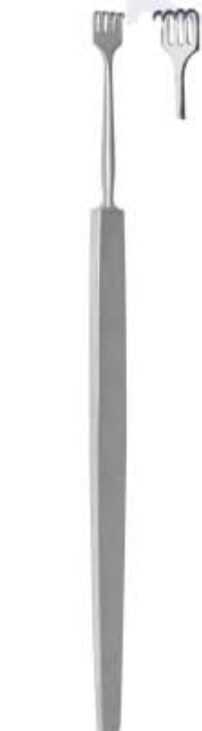
Trachea Retractor  
16.5 cm Sharp



Tracheal Retractor  
16.5 cm Blunt



Rollet Hooklet  
Retractors  
08-057  
12.5cm



Rollet (Blair)  
Hooklet Retractors  
08-058  
13.5cm



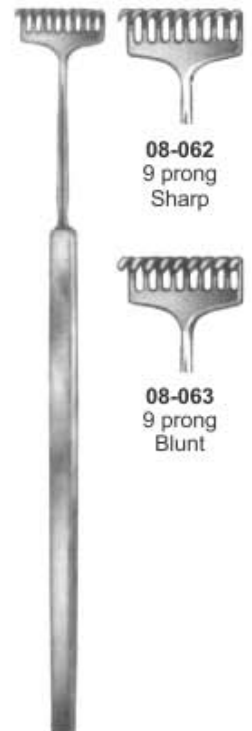
Paul Hooklet  
Retractors  
08-059  
12.5cm



Paul Hooklet  
Retractors  
08-060  
16cm



Miller Retractor  
08-061  
13.5cm  
Sharp 6 prong



Miller Retractor  
13.5 cm





**Hooklet Retractors**  
17 cm

**Finger Rake, Retractor**  
16.5 cm

**Finger Rake, Retractor**  
16.5 cm

**Hooklets, Retractors**  
flexible,  
16 cm



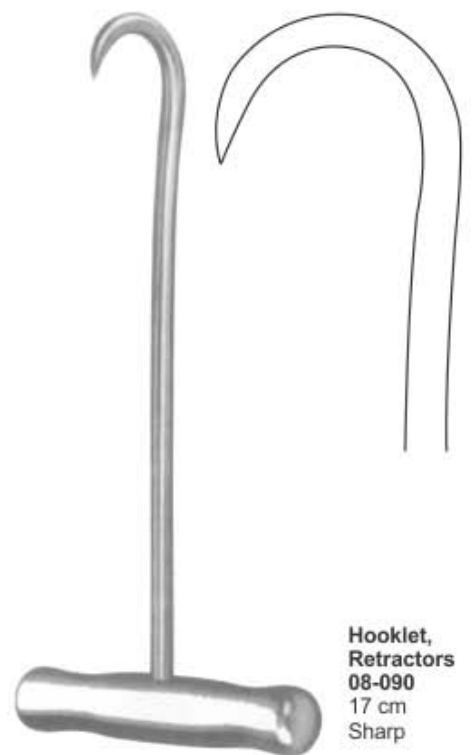
**Peck Rake Retractor**  
16.5 cm



**Kocher Hooklet, Retractors**



**Kocher Hooklet, Retractors**



**Hooklet, Retractors**  
08-090  
17 cm  
Sharp

# HOOKLET, RETRACTORS

Wundhäkchen, Wundhaken  
Ganchito, Separadores

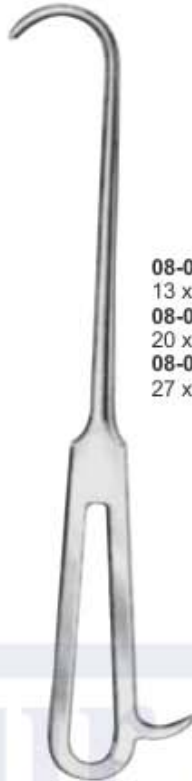
Crochet, Ecarteurs  
Divaricatore, Divaricatori



**Volkman Retractors**  
**08-091** 23 cm  
Sharp



**Volkman Retractors**  
**08-092** 23 cm  
Blunt



**Lambotte Retractors**  
**08-093**  
20 cm

**08-093**  
13 x 235 mm  
**08-094**  
20 x 255 mm  
**08-095**  
27 x 270 mm



**Volkman Retractors**  
**08-096**  
11.5 cm



**Murphy Retractors**  
**08-104**  
19.1 cm 7 1/2"



**08-106**  
4 prongs  
**08-107**  
4 prongs  
Sharp



**Senn Retractor**  
**08-108**  
16 cm 6 1/4"  
Blunt



**Senn Retractor**  
**08-109**  
16 cm 6 1/4"  
Sharp



**Senn-Mueller Retractor**  
**08-110**  
18 x 6 mm  
16 cm, 6 1/4"  
sharp



**Volkman Retractor**  
**08-111**  
22 cm 8 3/4"  
4 Prongs Sharp



**Volkman Retractor**  
**08-112**  
22 cm 8 3/4"  
4 Prongs Blunt

Wundhäkchen, Wundhaken  
Ganchito, Separadores

Crochet, Ecarteurs  
Divaricatore, Divaricatori



**Sternberg Retractor**  
08-113 12 cm, 4 3/4"  
08-114 14 cm, 5 1/2"  
08-115 16 cm, 6 1/4"



**Collin-Hartmann Retractor**  
08-116 38 x 28 / 32 x 21 mm 14 cm, 5 1/2"  
08-117 52 x 34 / 36 x 27 mm 16 cm, 6 1/4"



**Herzfeld Retractor**  
08-118 20 cm, 8"



**Strandell-Stille Retractor**  
08-119 19 cm, 7 1/2"



**Strandell-Stille Retractor**  
08-120 19 cm, 7 1/2"



**Schoenbore Retractor**  
08-121 21 cm, 8 1/4"



**Konig Retractor**  
17 cm, 6 3/4"



08-122  
13 x 13 mm

08-123  
12 x 16 mm



**Senn-Green Retractor**  
15 cm, 6"

08-124  
10 x 6 mm

08-125  
20 x 6 mm



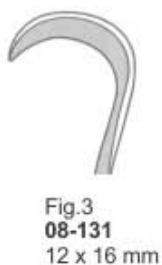
**Cottle Retractor**  
08-126 15 cm, 6"  
10 x 12 mm



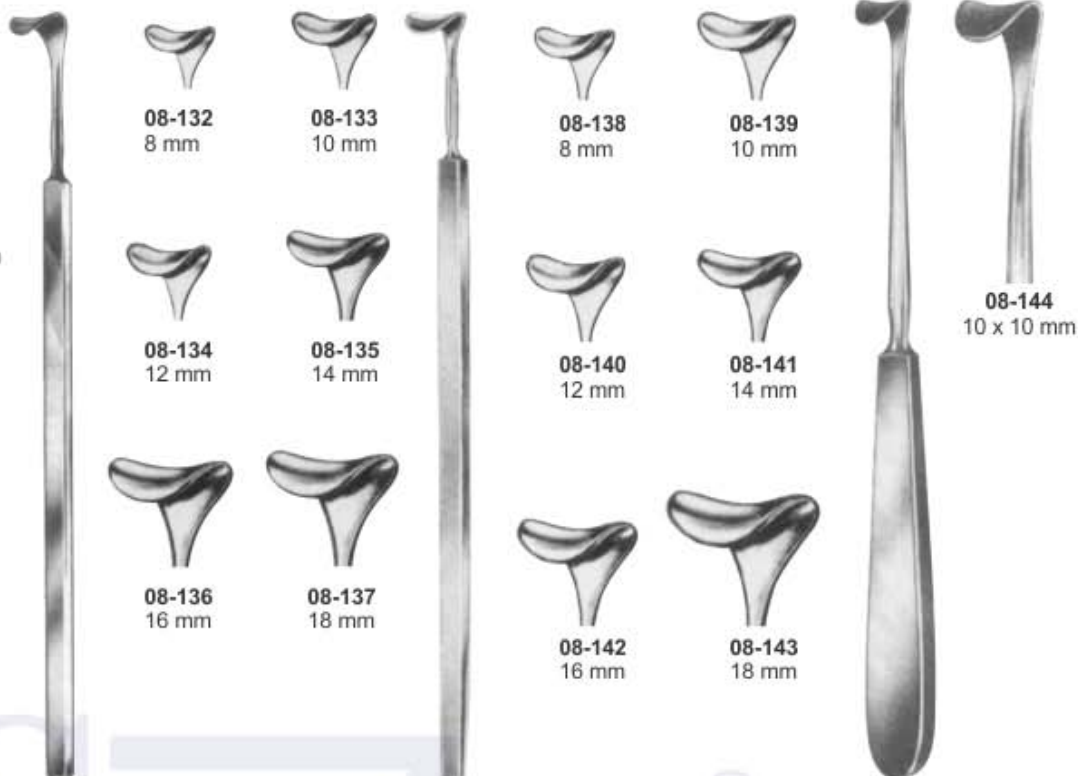
**Ragnell-Davis Retractor**  
08-127 14 cm, 5 1/2"  
08-128 8 x 4 mm  
15 x 5.5 mm

# RETRACTORS

Wundhaken | Ecarteurs  
 Separadores | Divaricatori



**Mannerfelt Hooklet Retractors**  
 15.5cm



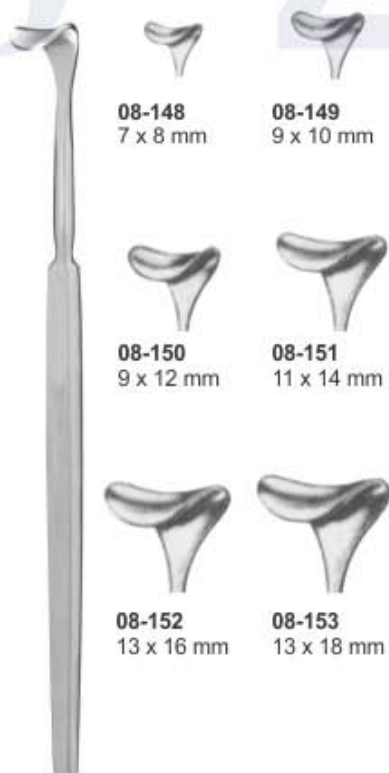
**Cushing Hooklet Retractors**  
 20cm

**Cushing Hooklet Retractors**  
 24cm

**Cushing-Kocher Hooklet Retractors**  
 18 cm



**Cushing Hooklet Retractors**  
 24cm



**Desmarres Lid Retractors**  
 16cm

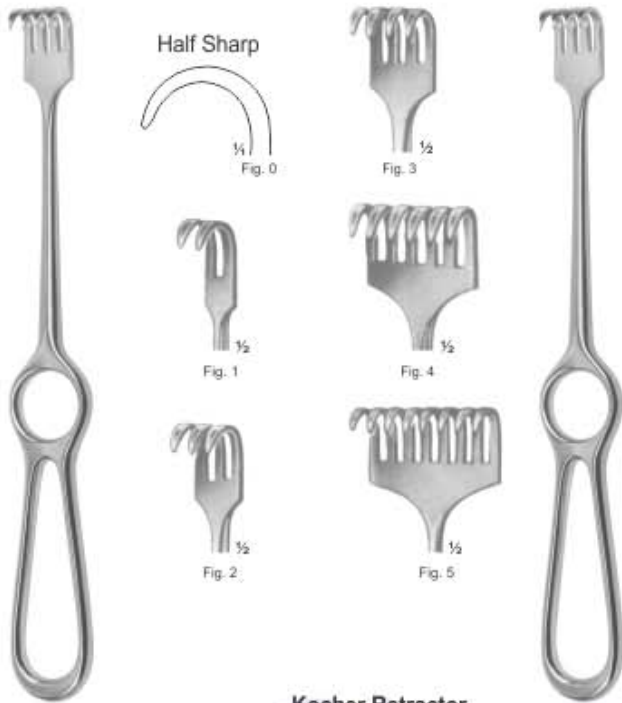


**Kocher Retractor**



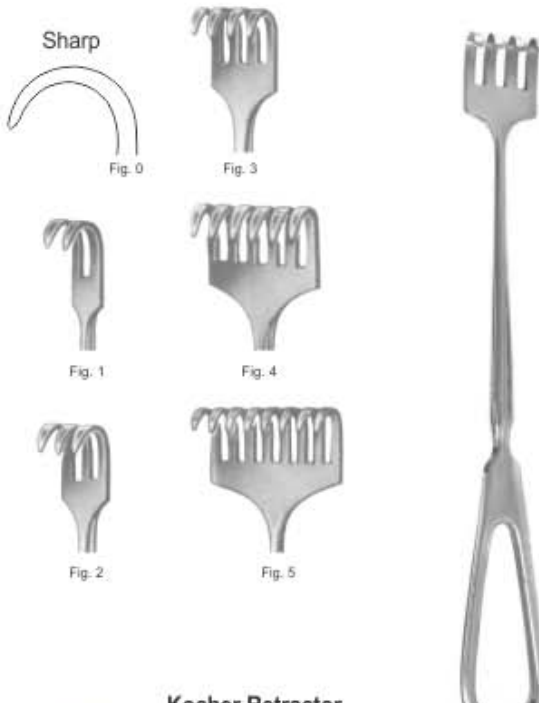
**Kocher Retractor**  
 22 cm  
**08-161** 40 x 10 mm  
**08-162** 40 x 15 mm  
**08-163** 40 x 20 mm





**Kocher Retractor**

- 08-164 22 cm, 8 3/4" 15 x 10 mm 2 prong Fig. 1
- 08-165 22 cm, 8 3/4" 15 x 15 mm 3 prong Fig. 2
- 08-166 22 cm, 8 3/4" 15 x 20 mm 4 prong Fig. 3
- 08-167 22 cm, 8 3/4" 15 x 30 mm 6 prong Fig. 4
- 08-168 22 cm, 8 3/4" 15 x 40 mm 8 prong Fig. 5



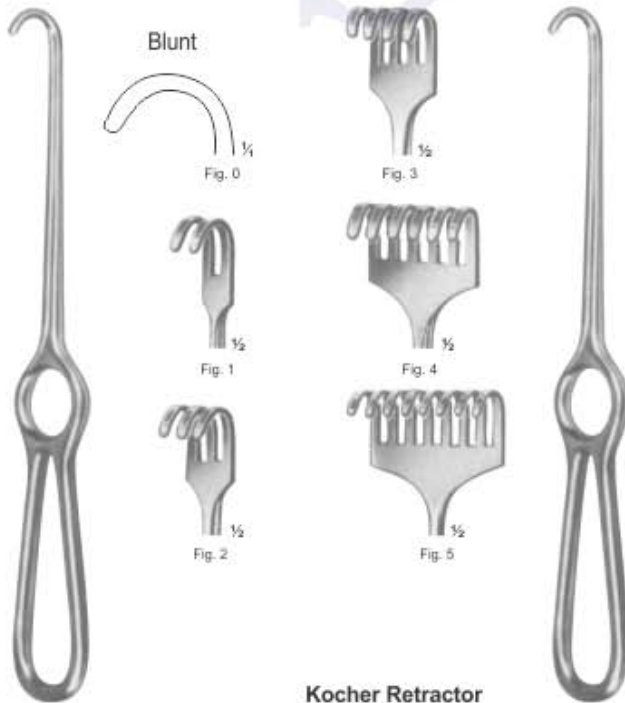
**Kocher Retractor**

- 08-169 22 cm, 8 3/4" 15 x 10 mm 2 prong Fig. 1
- 08-170 22 cm, 8 3/4" 15 x 15 mm 3 prong Fig. 2
- 08-171 22 cm, 8 3/4" 15 x 20 mm 4 prong Fig. 3
- 08-172 22 cm, 8 3/4" 15 x 30 mm 6 prong Fig. 4
- 08-173 22 cm, 8 3/4" 15 x 40 mm 8 prong Fig. 5



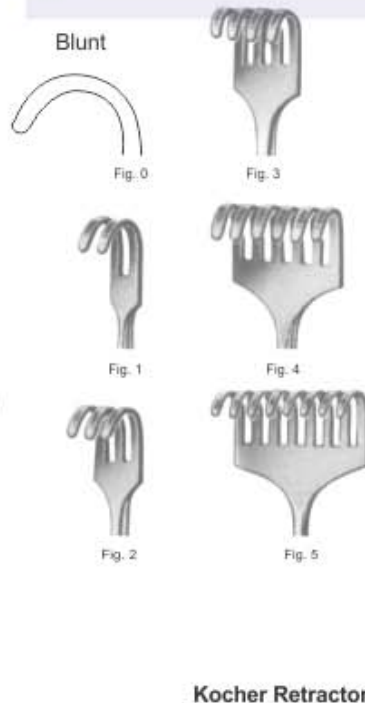
- 08-174 Blunt, 2 prongs.
- 08-175 Blunt, 3 prongs.
- 08-176 Blunt, 4 prongs.
- 08-177 Blunt, 5 prongs.
- 08-178 Blunt, 6 prongs.
- 08-179 Sharp, 2 prongs.
- 08-180 Sharp, 3 prongs.
- 08-181 Sharp, 4 prongs.
- 08-182 Sharp, 5 prongs.
- 08-183 Sharp, 6 prongs.

**Volkman Retractors**  
Long Pattern  
22.2 cm, 8 1/4"



**Kocher Retractor**

- 08-184 22 cm, 8 3/4" 15 x 10 mm 2 prong Fig. 1
- 08-185 22 cm, 8 3/4" 15 x 15 mm 3 prong Fig. 2
- 08-186 22 cm, 8 3/4" 15 x 20 mm 4 prong Fig. 3
- 08-187 22 cm, 8 3/4" 15 x 30 mm 6 prong Fig. 4
- 08-188 22 cm, 8 3/4" 15 x 40 mm 8 prong Fig. 5



**Kocher Retractor**

- 08-189 22 cm, 8 3/4" 15 x 10 mm 2 prong Fig. 1
- 08-190 22 cm, 8 3/4" 15 x 15 mm 3 prong Fig. 2
- 08-191 22 cm, 8 3/4" 15 x 20 mm 4 prong Fig. 3
- 08-192 22 cm, 8 3/4" 15 x 30 mm 6 prong Fig. 4
- 08-193 22 cm, 8 3/4" 15 x 40 mm 8 prong Fig. 5



**Koerte Retractor**  
08-195 28cm  
25 x 40 mm  
semi-sharp

**Korte-Wagner Retractor**  
08-194 28cm  
Sharp

# RETRACTORS

Wundhaken | Ecarteurs  
 Separadores | Divaricatori





**Kocher Retractor**  
28 cm 11"



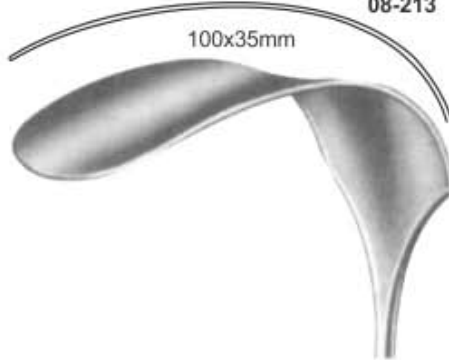
**08-211**



**08-212**



**08-213**



**08-214**



**Kocher Retractor**  
**08-215**  
22.5 cm 8 3/4"  
70 x 25 mm



**Kocher-Wagner Retractor**  
28 cm, 11"



**08-216**  
22 x 15 mm



**08-217**  
38 x 20 mm



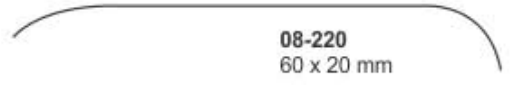
**08-218**  
67 x 25 mm



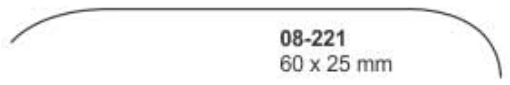
**Kocher Retractor**  
23 cm, 9"



**08-219**  
40 x 18 mm



**08-220**  
60 x 20 mm



**08-221**  
60 x 25 mm



**08-222**  
75 x 30 mm



**08-223**  
75 x 40 mm

# RETRACTORS

Wundhaken | Ecarteurs  
 Separadores | Divaricatori



**Kocher-Langenbeck Retractor**  
 21.5 cm, 8 1/2"



**08-224**  
 25 x 6 mm



**08-225**  
 35 x 8 mm



**08-226**  
 35 x 11 mm



**08-227**  
 35 x 15 mm



**08-228**  
 40 x 11 mm



**08-229**  
 55 x 11 mm



**08-230**  
 70 x 14 mm



**08-231**  
 80 x 12 mm



**08-232**  
 80 x 16 mm



**Langenbeck Retractor**  
 24 cm, 8 1/4"



**08-233**  
 35 x 7mm



**08-234**  
 35 x 15mm



**08-235**  
 35 x 11mm



**08-236**  
 35 x 20mm



**Langenbeck Retractor 08-237**  
 21.5 cm 8 1/2"  
 Handle vertical to the blade



**Langenbeck Retractor 08-238**  
 21 cm 8 1/4"  
 38 x 9mm



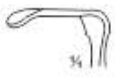
**Caspar Retractor**  
 21 cm, 8 1/4"



Wundhaken | Ecarteurs  
 Separadores | Divaricatori



**Langenbeck Retractor**  
20.4 cm, 8"



**08-241**  
20 x 7 mm



**08-242**  
30 x 7 mm



**08-243**  
30 x 11 mm



**08-244**  
30 x 15 mm



**08-245**  
30 x 20 mm



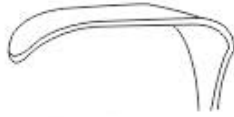
**08-246**  
44 x 10 mm



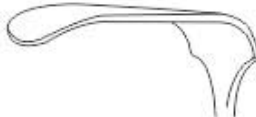
**08-247**  
44 x 15 mm



**08-248**  
45 x 20 mm



**08-249**  
50 x 20 mm



**08-250**  
60 x 20 mm



**Meyerdung Finger Retractor**  
18 cm, 7"



**08-251**  
long blunt blade,  
6 x 17 mm



**08-254**  
long toothed blade,  
5 x 16mm



**08-252**  
short toothed blade,  
3 x 6 mm



**08-255**  
short blunt blade,  
3 x 10mm



**08-253**  
curved blunt blade,  
3 x 8mm  
Saddle Shaped



**08-256**  
curved three prong  
sharp blade,  
10 x 4mm



**Langenbeck Retractor**  
22 cm, 8 1/2"



**08-257**  
25 x 6 mm



**08-260**  
35 x 15 mm



**08-264**  
25 x 6 mm



**08-267**  
35 x 15 mm



**08-258**  
35 x 8 mm



**08-261**  
41 x 11 mm



**08-265**  
35 x 8 mm



**08-268**  
41 x 11 mm



**08-259**  
35 x 11 mm



**08-262**  
55 x 11 mm



**08-266**  
35 x 11 mm



**08-269**  
55 x 11 mm



**08-263**  
70 x 14 mm



**Langenbeck Retractor**  
22 cm, 8 1/2"



**08-270**  
70 x 14 mm

# RETRACTORS

Wundhaken | Ecarteurs  
 Separadores | Divaricatori



**Blount Knee Retractor**  
**08-271** 17.5 cm, 6 3/4"  
 42 x 4 mm



**Taylor Spinal Retractors**  
**08-272** 16.5 cm, 6 1/2"  
 75 x 30 mm / 100 x 30 mm



**Luer Retractor**  
**08-273** 11 cm, 4 1/4"  
 10 x 8 mm / 12 x 11 mm



**Rose Retractor**  
**08-274** 13 cm, 5"  
 12 x 12 mm / 12 x 15 mm



20 x 6 mm

12 x 4 mm

**Crile Retractor**  
**08-275** 11 cm, 4 1/4"  
 12 x 4 mm / 20 x 6 mm



**Mathieu Retractor**  
 Set 2 pcs.  
**08-276** 20 cm, 8"  
 47 x 13 / 46 x 26 mm  
**08-277** 20 cm, 8"  
 42 x 13 / 42 x 26 mm



**Us-Army Retractor**  
 Set 2 pcs.  
**08-278** 21.5 cm, 8 1/2"  
 28 x 15 / 42 x 15 mm  
**08-279** 21.5 cm, 8 1/2"  
 25 x 15 / 38 x 15 mm



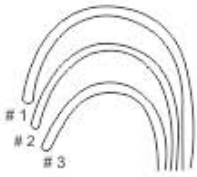
**Richardson Eastman Retractor**  
**08-280** 26 cm, 10 1/4"  
 small



**Richardson Eastman Retractor**  
**08-281** 28 cm, 11"



**Sofield Retractor**  
**08-282**  
 set of 6 pec.



**Roux Retractor**

Set 3 pcs. consisting of

- 08-283 14 cm, 5 1/2" 24 x 20 / 30 x 28 mm
- 08-284 15 cm, 6" 29 x 26 / 36 x 36 mm
- 08-285 17 cm, 6 3/4" 33 x 29 / 38 x 43 mm



**Baby-Roux Retractor**

- 08-286 13 cm, 5" 15 x 15 mm / 18 x 21 mm



**Roux Retractor**

- 08-287 16.5 cm, 6 1/2" 28 x 23 mm / 43 x 23 mm



**Roux Retractor**

- 08-288 18.5 cm, 7 1/4" 28 x 27 mm / 45 x 27 mm



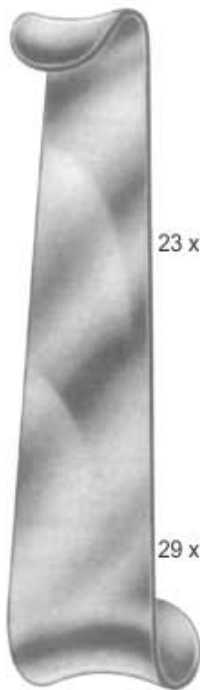
**Mini-Roux Retractor**

- 08-289 14 cm, 5 1/2"



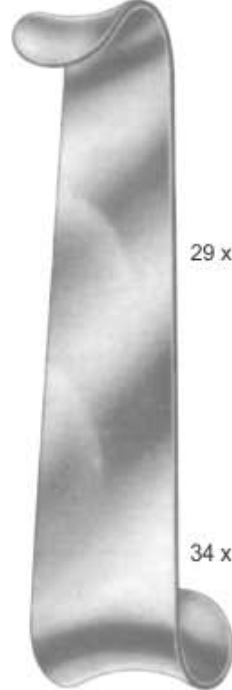
**Roux-Magnus Retractor**

- 08-290 15 cm, 6" 20 x 22 mm / 25 x 38 mm



**Roux-Magnus Retractor**

- 08-291 16 cm, 6 1/4" 23 x 26 mm / 29 x 38 mm



**Roux-Magnus Retractor**

- 08-292 17 cm, 6 3/4" 29 x 29 mm / 34 x 44 mm



**Farabeuf Retractor**

- 08-293 Baby (7x100mm)
- 08-294 infantil (10x120mm)
- 08-295 Adult (13x125mm)
- 08-296 Adult (15x150mm)
- 08-297 Extra Large (20x180mm)

Wundhaken | Ecarteurs  
 Separadores | Divaricatori



**Farabeuf Retractor**  
 Set 2 Pcs.  
**08-298** 13 cm, 5"  
 30 x 10 / 34 x 13 mm  
**08-299** 13 cm, 5"  
 26 x 10 / 30 x 13 mm



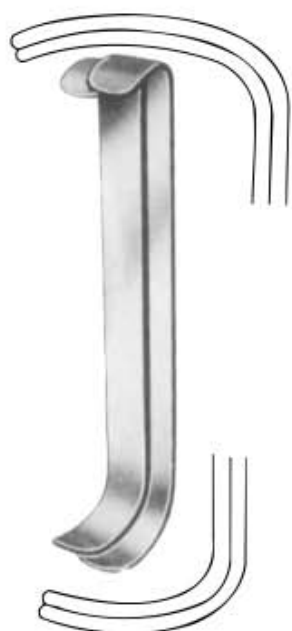
**Farabeuf Retractor**  
 Set 2 Pcs.  
**08-300** 15 cm, 6"  
 27 x 16 / 30 x 16 mm  
**08-301** 15 cm, 6"  
 23 x 16 / 26 x 16 mm



**Parker Retractor**  
 Set 2 pcs.  
**08-302** 13.5 cm, 5 1/4"  
 22 x 15 mm / 22 x 15 mm  
**08-303**  
 18.4 cm 7 1/4"



**Parker Retractor**  
**08-304** 13.5 cm, 5 1/4"  
 18 x 15 mm / 19 x 15 mm



**Collin Retractor**  
 Set 2 pcs.  
**08-305** 16.5 cm, 6 1/2"  
 25 x 12 / 35 x 16 mm  
**08-306** 16.5 cm, 6 1/2"  
 20 x 12 / 30 x 16 mm



**Mayo-Collin Retractor**  
 Set 2 pcs.  
**08-307** 15 cm, 6"  
 28 x 18 / 25 x 18 mm



**Parker-Langenbeck Retractor**  
 Set of 2 Pcs.  
**08-308** 25 x 15 mm fig. 2  
**08-309** 21 x 15 mm fig. 1  
**08-310** 40 x 15 mm fig. 1  
**08-311** 46 x 15 mm fig. 2



**Parker-Mott Retractor**  
**08-312**  
 16 cm 6 1/4"  
 68 x 24 / 74 x 24 mm



08-313  
115 x 65 mm



Coryllos Retractor  
22.5 cm, 8 3/4"

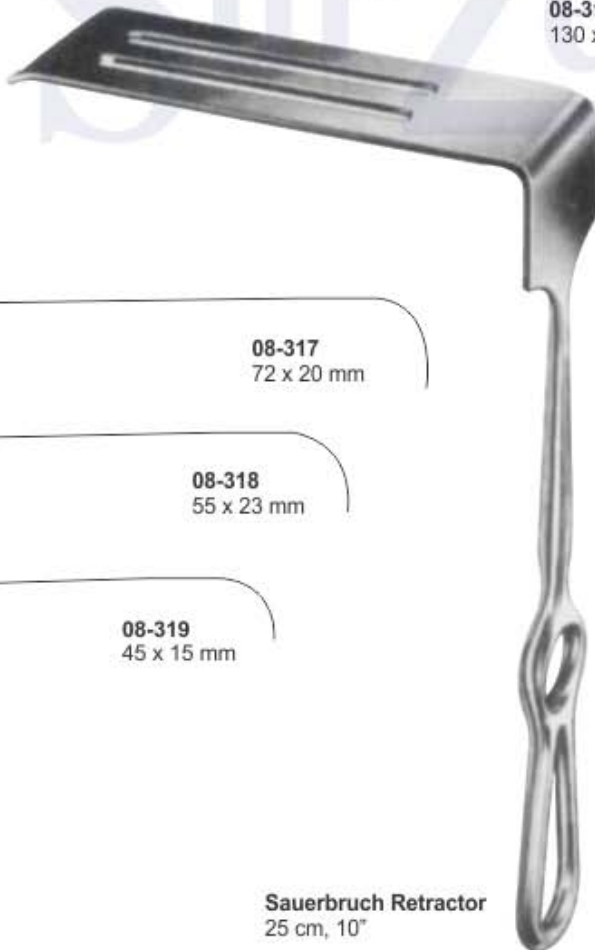
08-314  
115 x 38 mm



08-315  
82 x 22 mm



08-316  
130 x 38 mm



08-317  
72 x 20 mm

08-318  
55 x 23 mm

08-319  
45 x 15 mm

Sauerbruch Retractor  
25 cm, 10"



Davidson Retractor  
08-320 16 cm, 6 1/4" 75 x 50 mm  
08-321 16 cm, 6 1/4" 75 x 90 mm

# RETRACTORS

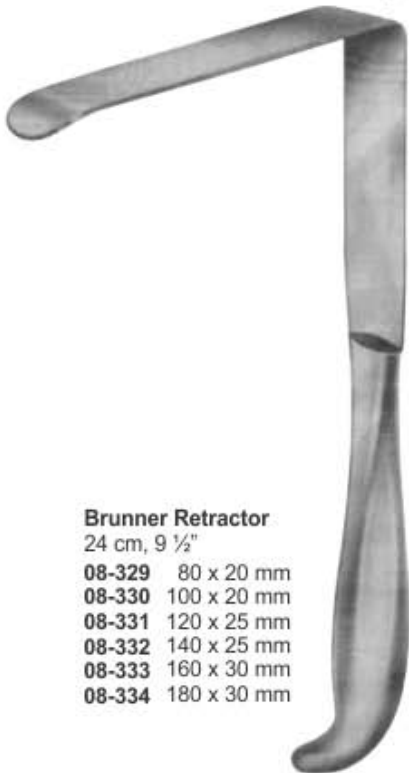
Wundhaken | Ecarteurs  
 Separadores | Divaricatori



**Bruner Retractor**  
 25 cm, 10"

- 08-322**  
180 x 30 mm
- 08-323**  
160 x 30 mm
- 08-324**  
140 x 30 mm
- 08-325**  
130 x 30 mm
- 08-326**  
120 x 25 mm
- 08-327**  
100 x 25 mm
- 08-328**  
80 x 20 mm

- 180 x 30 mm
- 160 x 30 mm
- 140 x 25 mm
- 120 x 25 mm
- 100 x 20 mm
- 80 x 20 mm



**Bruner Retractor**  
 24 cm, 9 1/2"

- 08-329** 80 x 20 mm
- 08-330** 100 x 20 mm
- 08-331** 120 x 25 mm
- 08-332** 140 x 25 mm
- 08-333** 160 x 30 mm
- 08-334** 180 x 30 mm



**Bruner Retractor**  
 24 cm, 9 1/2"

- 08-335** 80 x 20 mm
- 08-336** 100 x 20 mm
- 08-337** 120 x 25 mm
- 08-338** 140 x 25 mm
- 08-339** 160 x 30 mm
- 08-340** 180 x 30 mm



**Deaver Retractor**  
**08-341**  
 18 cm, 7"

**Deaver Retractor**  
**08-342**  
 21.5 cm, 8 ½"

**Deaver Retractor**  
**08-343**  
 23 cm, 9"

**Deaver Retractor**  
**08-344**  
 30 cm, 11 ¼"

**Deaver Retractor**  
**08-345**  
 33 cm, 13"

**Deaver Retractor**  
**08-346**  
 36 cm, 13 ½"



**Deaver Retractor**  
**08-347**  
 30 cm, 11 ¼"

**Deaver Retractor**  
**08-348**  
 30 cm, 11 ¼"

**Deaver Retractor**  
**08-349**  
 30 cm, 11 ¼"



**S-Shaped Retractor**  
**08-350**  
 21 cm, 8 ¼"  
 12 mm

# RETRACTORS

Wundhaken | Ecarteurs  
 Separadores | Divaricatori



**Mikulicz Retractor**  
 26 cm, 10 1/4"  
**08-351**  
 85 x 50 mm

**Kelly Retractor**  
 27 cm, 10 1/2"  
**08-352**  
 190 x 38 mm  
**08-353**  
 190 x 57 mm



**Mikulicz Retractor**  
 26 cm, 10 1/4"  
**08-354**  
 95 x 35 mm

**Mikulicz Retractor**  
 26 cm, 10 1/4"  
**08-355**  
 120 x 50 mm  
**08-356**  
 150 x 50 mm



**Cheek-And Lip Retractor**  
 19 cm, 7 1/2"  
**08-357**  
 Movable



**Tuffier Retractor**  
 23 cm, 9"  
**08-358** 55 x 63 mm



**Bennet Retractor**  
**08-359**  
 24cm



**Doyen Retractor**  
 25 cm, 10"  
**08-360** 50 x 85 mm



**Fritch Retractor**  
**08-361**  
 2.75 x 2 mm



**Fritsch Retractor**  
 24 cm, 9 1/2"  
**08-362** 35 x 40 mm





**Fritsch Retractor**  
**08-363** 24 cm, 9 1/2" 30 x 30 mm  
**08-364** 24 cm, 9 1/2" 32 x 40 mm  
**08-365** 24 cm, 9 1/2" 40 x 50 mm  
**08-366** 24 cm, 9 1/2" 40 x 60 mm  
**08-367** 24 cm, 9 1/2" 45 x 75 mm  
**08-368** 24 cm, 9 1/2" 65 x 85 mm



**Mikulicz Retractor**  
**08-369**  
 29 cm 11.5"



**Tuffier Retractor**  
**08-370** 23 cm 9"  
 64 x 60mm



**Harrington Retractor**  
**08-371** 32 cm, 12 3/4"  
**08-372** 127 x 40 mm  
 127 x 62 mm



**Harrington Extra Deep Retractor**  
**08-373** 30cm 11 3/4"  
 Hollow handle, 5.7cm  
 width x 20.5cm 8" depth blade



**Harrington Splanchnic Retractor**  
**08-374** 31.5cm 12 1/2"  
 Hollow handle, 3.8cm 1 1/2"  
 width x 12.0cm 4 3/4"  
 depth blade



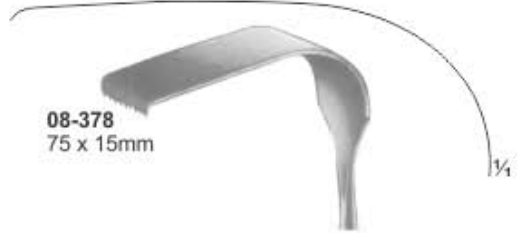
**Debakey-Cooly Retractor**  
**08-375** 31.0cm 12 1/4"  
 Hollow handle, 5.7cm 2 1/4"  
 width x 18.4cm 7 1/4"  
 depth blade



**Meyerding Retractor**  
**08-376**  
 22.5 cm, 9"  
 75 x 25mm



**08-377**  
 50 x 16mm



**08-378**  
 75 x 15mm

**Goelet Retractor**  
**08-379**  
 19 cm 7 1/2"  
 Double Ended

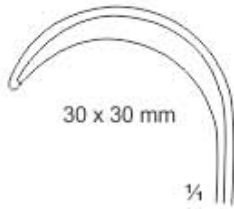
# RETRACTORS, VEIN HOOKS

Wundhaken, Venenhäkchen  
Separadores, Ganchitos Para venas

Ecarteurs, Ecarteurs sous  
Divaricatori, Divaricatori per veni



**08-380**



**Kaye-Millard Retractor**  
**08-381**  
8 cm, 3 1/4"



**Richardson/Kelly Retractor**  
**08-388**  
24 cm, 9 1/2"



**08-382**  
5 x 31mm



**08-383**  
19 x 51mm



**08-384**  
38 x 51mm



**08-385**  
64 x 76mm



**Ross Retractor**  
25.5 cm, 10"



**08-386**  
Fig.01



**08-387**  
Fig.02



**08-388**  
Fig.03



**08-389**  
Fig.04



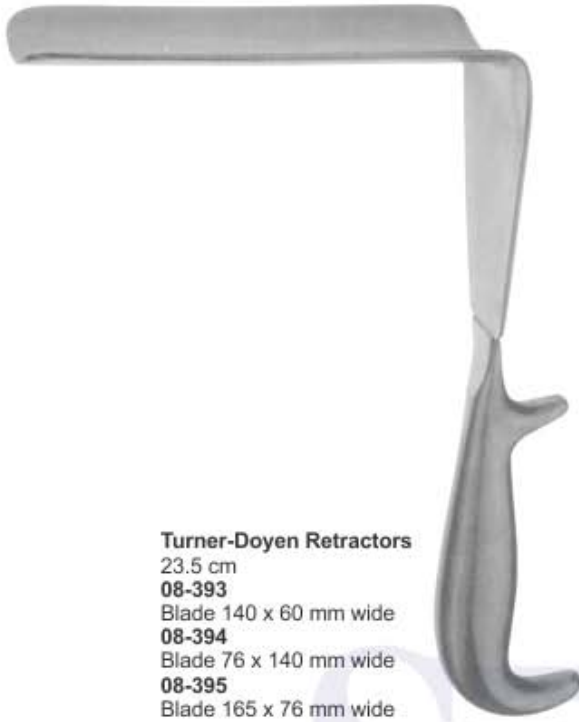
**08-390**  
Fig.05



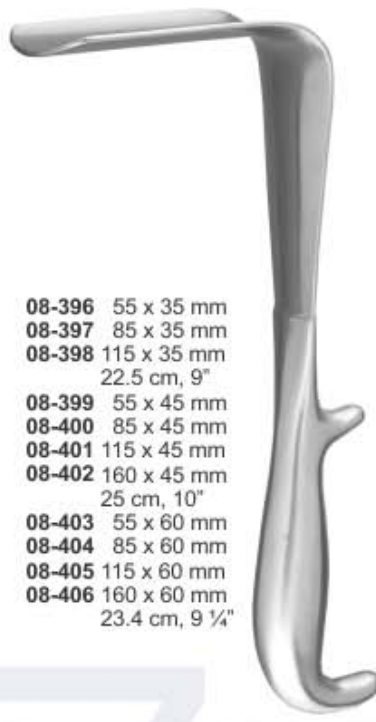
**08-391**  
Fig.06



**Weinberg Vagotomy Retractor (joe's Hoe)**  
**08-392** 20 cm, 8"  
Blade 102 x 165 mm wide



**Turner-Doyen Retractors**  
23.5 cm  
**08-393**  
Blade 140 x 60 mm wide  
**08-394**  
Blade 76 x 140 mm wide  
**08-395**  
Blade 165 x 76 mm wide



**08-396** 55 x 35 mm  
**08-397** 85 x 35 mm  
**08-398** 115 x 35 mm  
22.5 cm, 9"  
**08-399** 55 x 45 mm  
**08-400** 85 x 45 mm  
**08-401** 115 x 45 mm  
**08-402** 160 x 45 mm  
25 cm, 10"  
**08-403** 55 x 60 mm  
**08-404** 85 x 60 mm  
**08-405** 115 x 60 mm  
**08-406** 160 x 60 mm  
23.4 cm, 9 1/4"

**Doyen Vaginal Retractors**



**08-407** 23cm  
Small Blade 70x19mm wide  
**08-408** 25cm  
Medium Blade 82x29mm wide  
**08-409** 28cm  
Large Blade 22x64mm  
**08-410** 28cm  
Large Blade 38x89mm

**Sawyer Retractors**



**08-411** 23cm  
Blade 60x24mm wide  
**08-412** 25cm  
Blade 75x35mm wide

**Ferguson-Moon Rectal Retractors**



**08-413** 23cm  
Blade 64x24mm wide  
**08-414** 23cm  
Blade 76x32mm wide  
**08-415** 25cm  
Blade 76x35mm wide

**Hill Ferguson Rectal Retractors**



**08-416** 24cm  
50x40mm wide  
**08-417** 24cm  
65x50mm wide  
**08-418** 25cm  
75x65mm wide  
**08-419** 25cm  
90x75mm wide

**Kelly Retractors**



**Richardson Retractors**



**08-420** 24cm  
Blade 25x20mm wide  
**08-421** 24cm  
Blade 36x28mm wide  
**08-422** 24cm  
Blade 44x28mm wide  
**08-423** 25cm  
Blade 52x22mm wide  
**08-424** 25cm  
Blade 70x52mm wide

# RETRACTORS

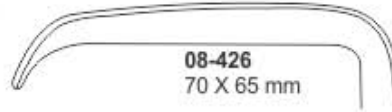
Wundhaken | Ecarteurs  
 Separadores | Divaricatori



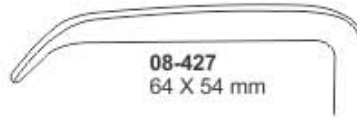
**Kelly Retractor**  
 08-425 25cm  
 55x50mm



**Kelly Retractor**  
 26cm



**08-426**  
 70 X 65 mm



**08-427**  
 64 X 54 mm



**08-428** 70x40mm  
**08-429** 70x50mm  
**08-430** 70x65mm

**Morris Retractor**  
 24.5 cm 9 3/4"



**Richardson Retractor**  
 08-431 24cm



**Richardson Retractor**  
 24.0 cm 9.5"



**08-432**  
 23 x 20 mm



**08-433**  
 30 x 29 mm

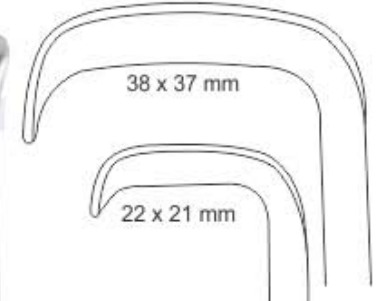


**08-434**  
 37 x 37 mm



**08-435**  
 64 x 43 mm

**Richardson-Eastman Retractor**  
 25.0 cm 10", Set of 2 piece

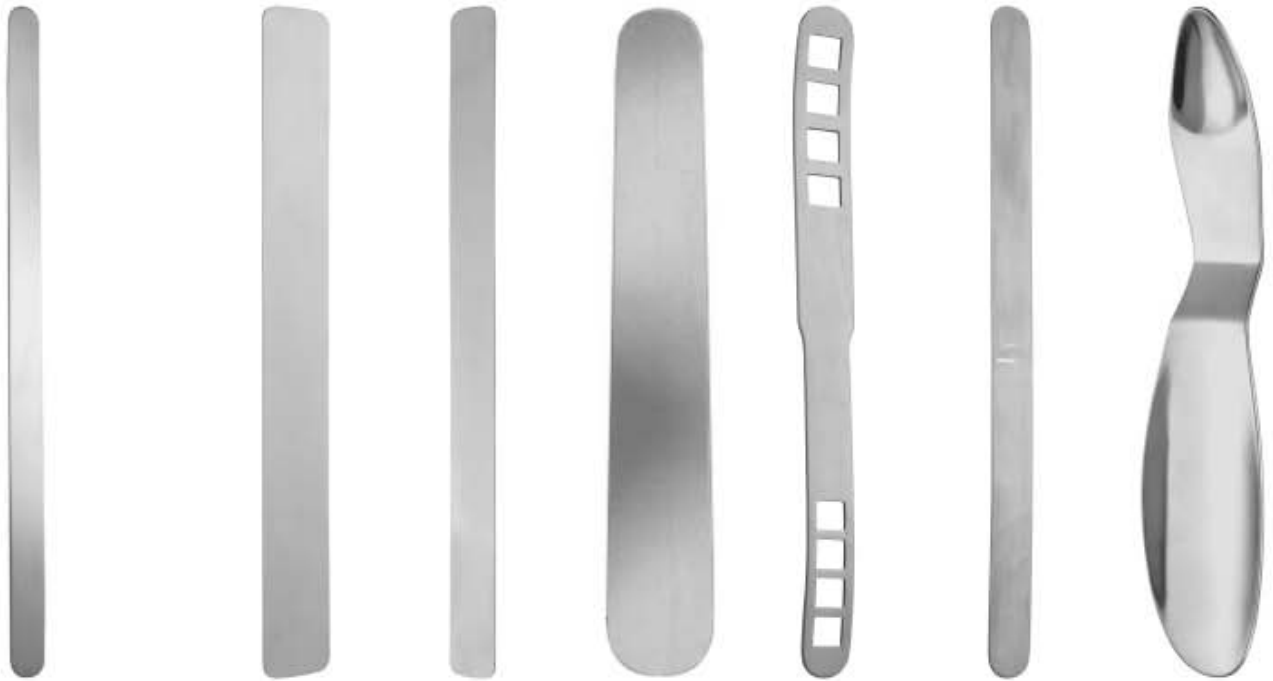


38 x 37 mm

22 x 21 mm

**08-436**  
 39 x 30 mm





Malleable Retractor

Item	Description	Tip
08-437	20 cm	12 mm
08-438	20 cm	17 mm
08-439	20 cm	25 mm
08-440	33 cm	25 mm
08-441	33 cm	32 mm
08-442	33 cm	40 mm
08-443	33 cm	50 mm

**Ribbon Retractor 08-444**  
20 cm, 8"  
Width 4 cm

**Ribbon Retractor 08-445**  
20 cm, 8"  
Width 2.5 cm

**Tuffier / Haberer Retractor 08-446** 20 cm, 8"  
17 x 25 mm  
**08-447** 28 cm,  
11" 25 x 30 mm  
**08-448** 30 cm,  
11 3/4" 37 x 45 mm  
malleable

**Bruening Spatula 08-449**  
19 cm

**Flexival Abdominal Spatula**  
**08-450** 300x20mm  
**08-451** 300x25mm  
**08-452** 300x30mm  
**08-453** 300x35mm  
**08-454** 300x40mm  
**08-455** 300x45mm  
**08-456** 300x50mm

**Reverdin Retractor 08-457**  
28cm  
46x60mm



**Reverdin Retractor 08-458**  
29cm



**Blood Scoop 08-459**  
15cm



**Heiss Retractor 08-460** 10cm  
Sharp 4:4  
**08-461** 10cm  
Blunt 4:4



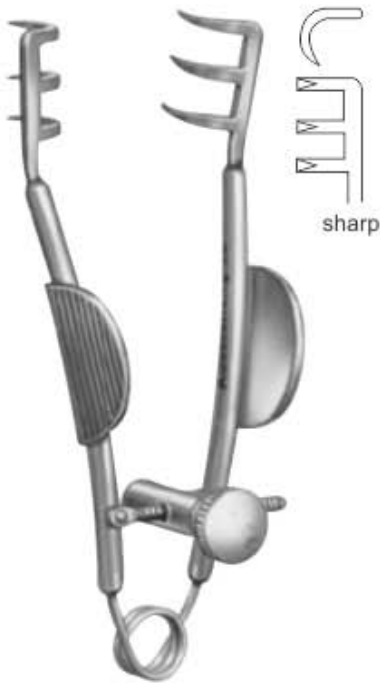
**Finsen Retractor 08-462** 7 cm, 2 3/4"  
3 x 4 teeth, sharp  
**08-463** 7 cm, 2 3/4"  
3 x 4 teeth, Blunt



**Finsen Retractor 08-464** 5 cm, 2"  
2 x 3 teeth sharp/blunt  
**08-465** 7 cm, 2 3/4"  
2 x 3 teeth sharp/blunt

## RETRACTORS

Wundhaken | Ecarteurs  
Separadores | Divaricatori



**Buckley Retractor**  
08-466 6cm



**Lancaster Eye Speculum**  
08-467 8.3cm  
blades 15 X 5 mm



**Castroviejo Eye Speculum**  
08-468 9.5cm  
medium blades  
15 X 5 mm O.D.



**ALM Retractor**  
08-469 7 cm, 2 3/4"  
4 x 4 teeth sharp/blunt  
08-470 10 cm, 4"  
4 x 4 teeth sharp/blunt



**Wire Retaining Retractor**  
08-471 8.5 cm, 3 1/2" 3 x 3 Prong  
08-472 8.5 cm, 3 1/2" 1 x 1 Prong Sharp



**Farr Wire Retractor**  
08-473 14 cm 5 1/2"  
prongs 1.9 cm 3/4"



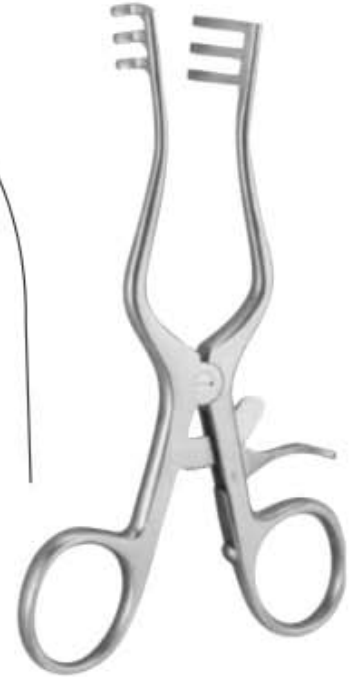
**Jansen Retractor**  
08-474 10 cm, 4"  
Sharp 3x3  
08-475 10 cm, 4"  
Blunt 3x3



**Houzel Retractor**  
08-476 29 cm, 11 1/2"



**Mollison Retractor**  
08-477 15cm, 6"  
sharp



**Milligan Retractor**  
08-478 13 cm, 5"  
18.5 mm x 20 mm  
Blunt, 3x3



**Markham/Meyerding Retractor**  
08-479 18cm, Blade 55 x 25 mm Left  
08-480 18cm, Blade 55 x 25 mm Right



**Darling Retractor**  
08-481 18 cm, 7"  
40 x 76/25 x 54 mm  
08-482 18 cm, 7"  
25 x 64/40 x 76 mm  
Laminectomy Retractors  
1 blade toothed



**Debakey Gelpi Retractor**  
08-483 13.5cm 5 3/8"  
Spread 3 1/8" 8cm, Sharp,

# RETRACTORS

Wundhaken | Ecarteurs  
 Separadores | Divaricatori



- 08-484 9cm
- 6 mm Sharp
- 08-485 11cm
- 10 mm Sharp
- 08-486 14cm
- 10 mm Sharp
- 08-487 16cm
- 10 mm Sharp
- 08-488 19cm
- 10 mm Sharp

**Gelpi-Loktite Retractor**



100 mm

**Gelpi-Perineal Retractor**  
 08-489 17.8cm  
 ball stops on sharp tenaculum  
 prongs, arm length 12cm



**Gelpi-Loktite Retractor**  
 08-490 9 cm, 6mm Sharp Cross Over  
 08-491 11 cm, 10mm Sharp Cross Over  
 08-492 14 cm, 10mm Sharp Cross Over  
 08-493 16 cm, 10mm Sharp Cross Over  
 08-494 19 cm, 10mm Sharp Cross Over



**Seletz-Gelpi Retractor**  
 08-495 17.8cm, 7"  
 modified with long  
 curve in shanks



**Schuhknecht Retractor**  
 08-496 Sharp  
 08-497 Blunt  
 14 cm, 5 1/2"



**Wullstein Retractor**  
 08-498 08-501 10.5 cm, 4"  
 08-499 08-502 13.0 cm, 5"  
 08-500 08-503 16.0 cm, 6 1/4"  
 Sharp Blunt



**Travers Retractor**  
 08-504  
 21 cm, 8 1/4" Blunt





**Righby Retractor**  
 08-505 35 x 20 mm  
 08-506 60 x 20 mm  
 08-507 65 x 15 mm  
 18 cm, 7"

**Weitlaner Retractor**  
 08-508  
 13.0 cm 5.25"  
 Sharp

**Weitlaner Retractor**  
 08-509  
 16.5 cm 6.5"  
 Sharp

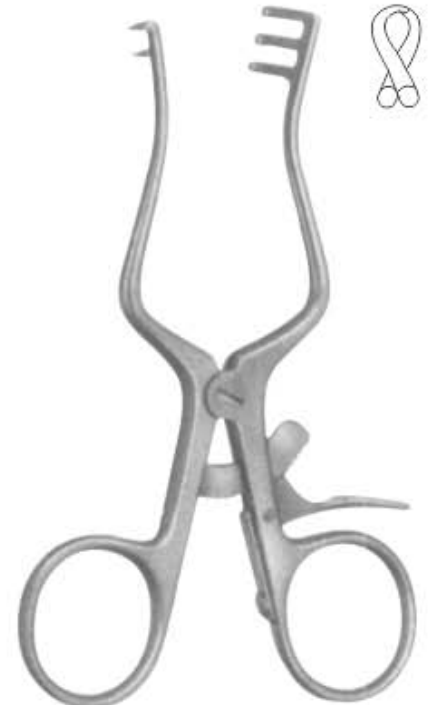
**Plester Retractor**  
 08-510  
 11.0 cm 4.25"  
 Blunt



**Perkins Retractor**  
 08-511 13cm



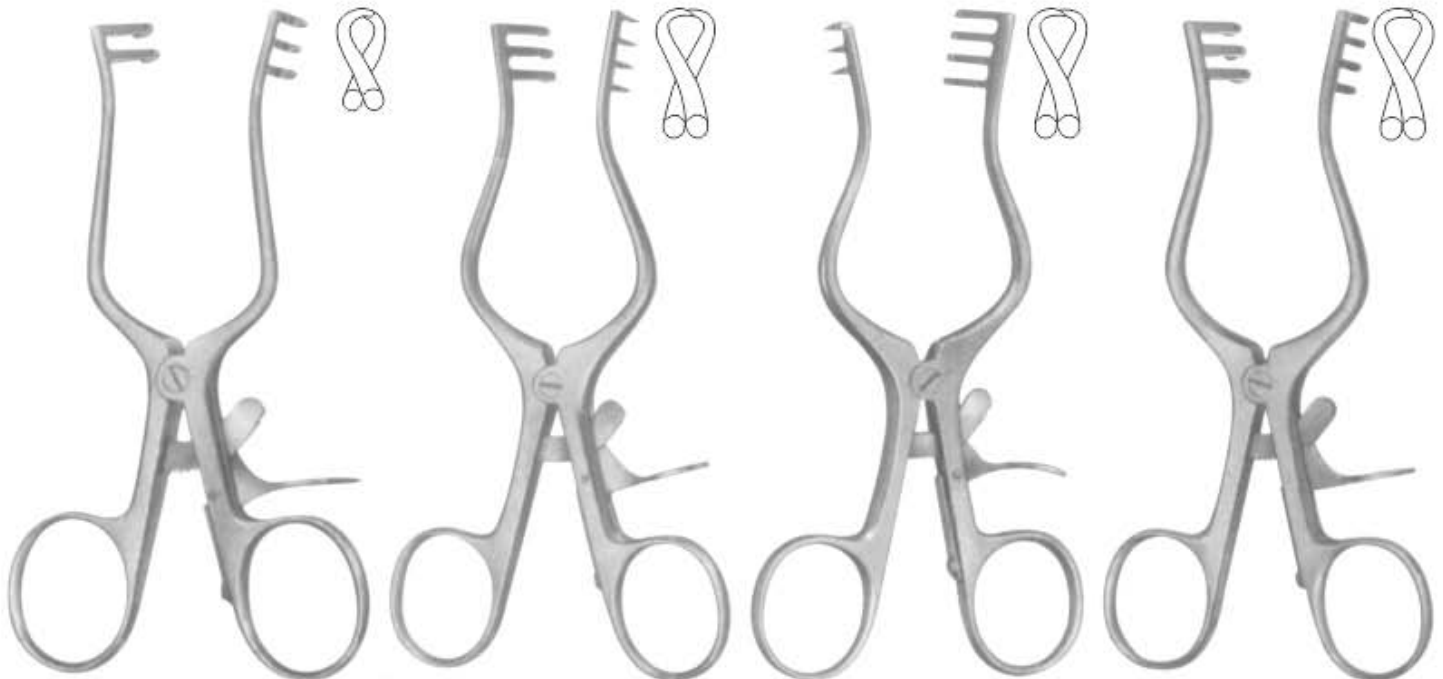
**Weitlaner Retractor**  
 08-512 11 cm  
 Sharp



**Weitlaner Retractor**  
 08-513 11 cm  
 Semi-Sharp

## RETRACTORS

Wundhaken | Ecarteurs  
 Separadores | Divaricatori



**Weitlaner Retractor**  
**08-514** 11cm  
 Blunt

**Weitlaner Retractor**  
**08-515** 13cm  
 Sharp

**Weitlaner Retractor**  
**08-516** 13cm  
 Semi-Sharp

**Weitlaner Retractor**  
**08-517** 13cm  
 Blunt



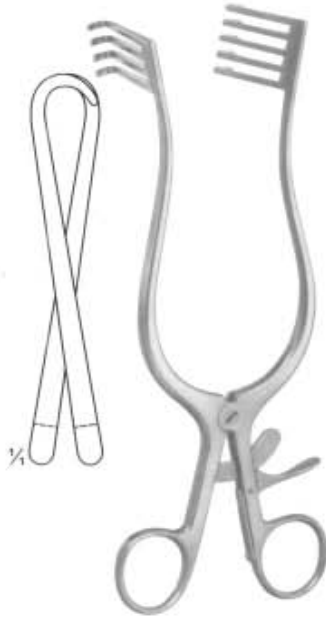
**Kolbel Soft Tissue Retractor**  
**08-518** 18.0cm 7"  
 Angled, 2 x 2 Pronged

**Meyerding Retractor**  
**08-519** 16.5cm 6 1/2"  
**08-520** 24.1cm 9 1/2" Large Blade  
 8.9 cm 3 1/2" X 5.1 cm 2"  
**08-521** 24.1 cm 9 1/2" Small Blade  
 5.1 cm 2" X 1.6 cm 5/8"

**D'Errico-Adson Retractor**  
**08-522** 19.0cm 7 3/8"  
 4 X 4-pronged,  
 2.0cm 3/4" depth blade  
 Sharp



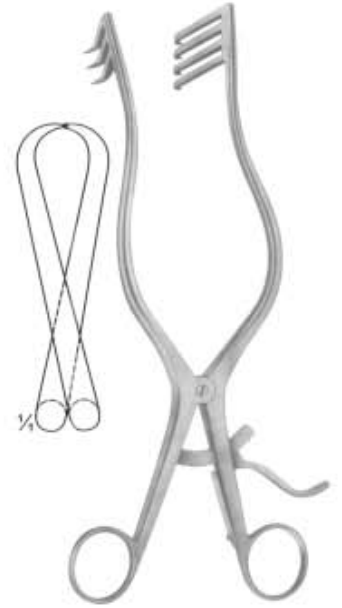
**Anderson-Adson Retractor**  
**08-523** 19.0 cm 7 1/2"  
 Sharp



**Norfolk & Norwich Retractor**  
**08-524** 22.0 cm 8 3/4"  
 Blunt



**Adson Retractor**  
**08-525**  
 19.1 cm 7-1/2" sharp,  
 4 X 4 teeth straight Arms



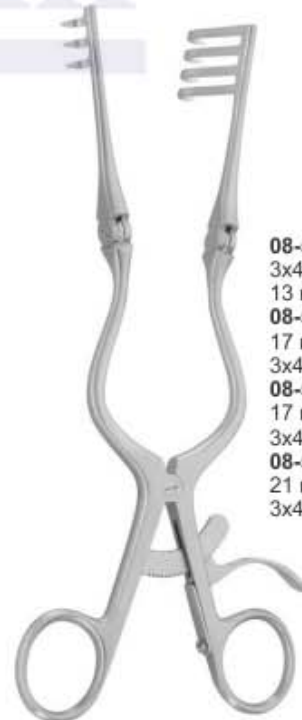
**Adson Retractor**  
**08-526** 26.5 cm 10 1/4"  
 Sharp



**Beckman-Weitlaner Retractor**  
**08-527** 16.5cm 6 1/2"  
 3 x 4 Sharp prongs



**Beckman-Weitlaner Retractor**  
**08-528** 16.5cm 6 1/2"  
 3 x 4 Blunt prongs



**Cone Retractor**

**08-529** 31 cm, 12"  
 3x4 Blunt prongs,  
 13 mm x 14.5 mm  
**08-530** 16.5 cm, 6 1/2"  
 17 mm x 19 mm  
 3x4 Sharp prongs,  
**08-531** 16.5 cm, 6 1/2"  
 17 mm x 19 mm  
 3x4 Blunt prongs,  
**08-532** 20 cm, 8"  
 21 mm x 210 mm  
 3x4 Blunt prongs,

Wundhaken | Ecarteurs  
 Separadores | Divaricatori



**Beckman Retractor**  
**08-533** 31.7cm 12 1/2"  
 Spread 3.5cm 5 3/8" 4 x 4  
 Sharp prongs, Arm length  
 8.5cm 3 3/8"



**Beckman Retractor**  
**08-534** 31.1cm 12 1/4"  
 4 x 4 Sharp prongs 27mm,  
 Side Blade 1.7cm 5/8" deep,



**Beckman Retractor**  
**08-535** 31.1cm 12 1/4"  
 4 x 4 Blunt prongs 27mm,  
 Side Blade 1.7cm 5/8" deep,



**Joll (Friedman)**  
**08-536** 15.5 cm, 6 1/2"  
 Thyroid- and Vaginal Retractor



**Jackson Burrows Retractor**  
**08-537** 18.5cm  
 Blunt



**Gelpi Vaginal Retractor**  
**08-538** 13.5cm

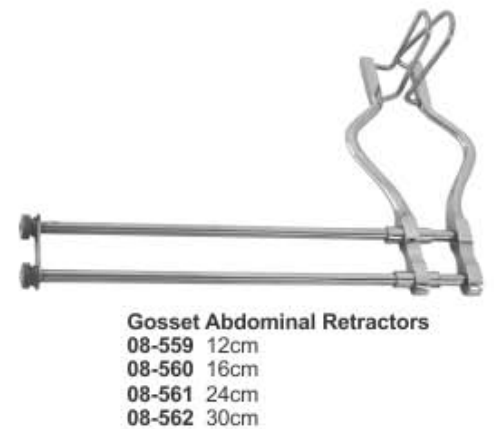
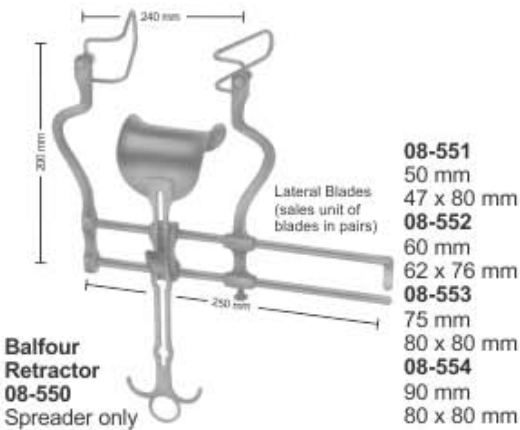
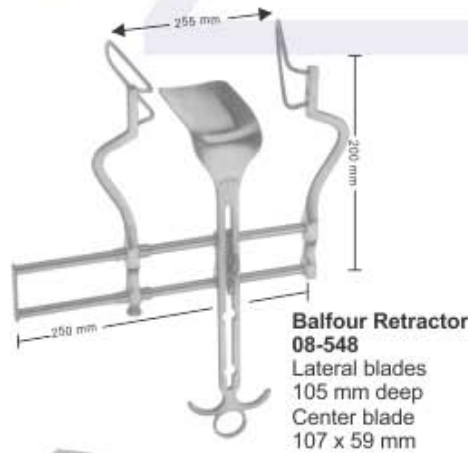
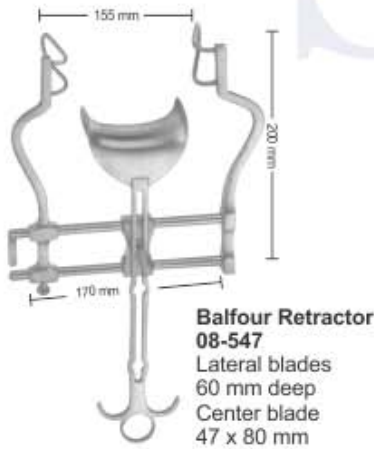
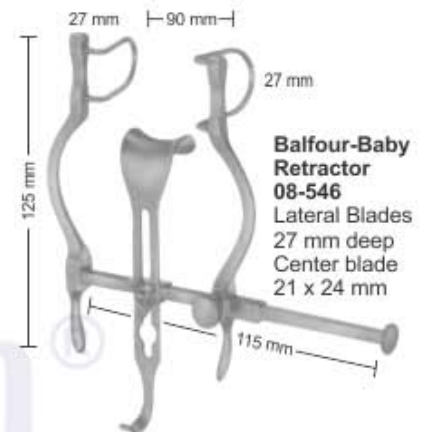
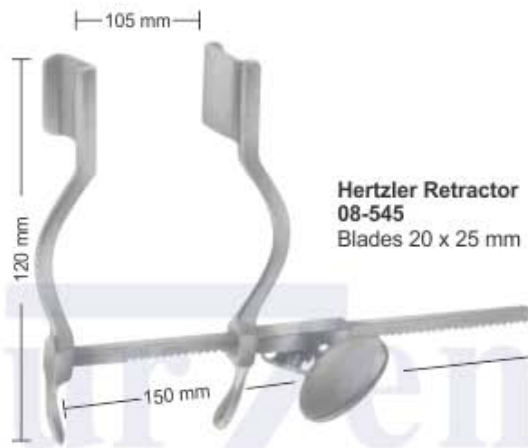
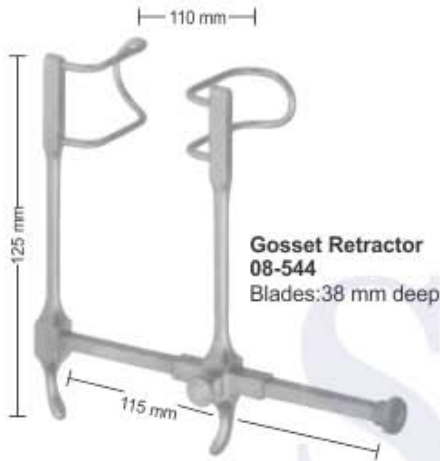
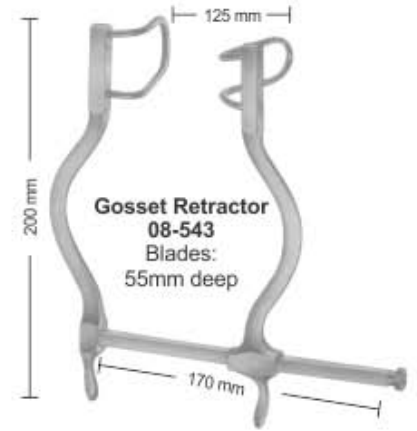
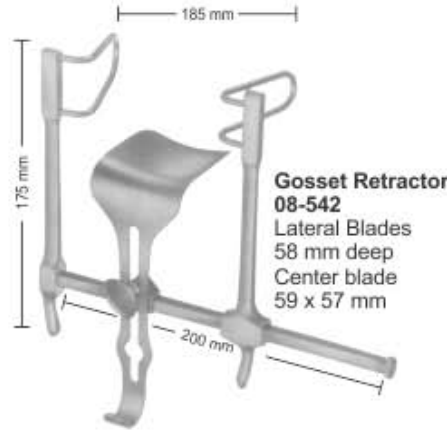
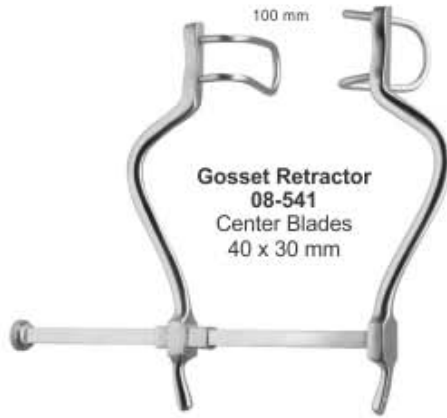


**Gelpi Skin & Vaginal Retractor**  
**08-539** 17.5cm



**De Bakey Femur Retractor**  
**08-540** 14.5cm





Wundhaken | Ecarteurs  
 Separadores | Divaricatori



**08-565**  
 Single Retractor Blade  
 110 x 70 mm

**O'Sullivan/O'Connor Retractor**  
**08-563** (Set includes frame & 3 blades)  
**08-564** Frame Only (not pictured)



**08-566**  
 Set of 2 Retractor Blade  
 80 x 45 mm



**ABRE BOCA MC IVOR C/3**  
**LAMINAS S/ SUCCAO**  
**ABRE BOCA**  
**08-567**



**08-568**  
 Center Blade  
 45 x 80 mm  
 70 x 85 mm



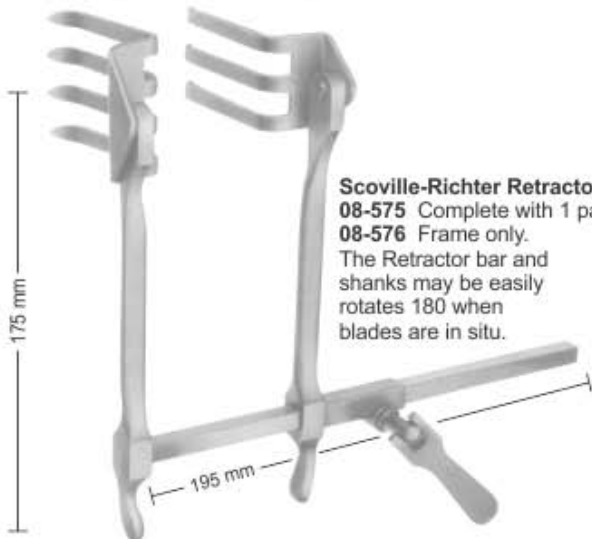
**08-569**  
 Center Blade  
 100 x 60 mm

Sizes of These Blades to Same as about Blades.



**Collin Retractor**  
**08-570** Complete  
**08-571** Spreader only  
**08-572** Blades 55 x 25 mm  
**08-573** Blades 80 x 25 mm  
**08-574** Center Blade 115 x 45 mm

155 mm



**Scoville-Richter Retractor**  
**08-575** Complete with 1 pair blades.  
**08-576** Frame only.  
 The Retractor bar and shanks may be easily rotates 180 when blades are in situ.

175 mm

195 mm



**08-577**  
 62 x 52 mm



**08-578**  
 62 x 37 mm



**08-579**  
 47 x 51 mm

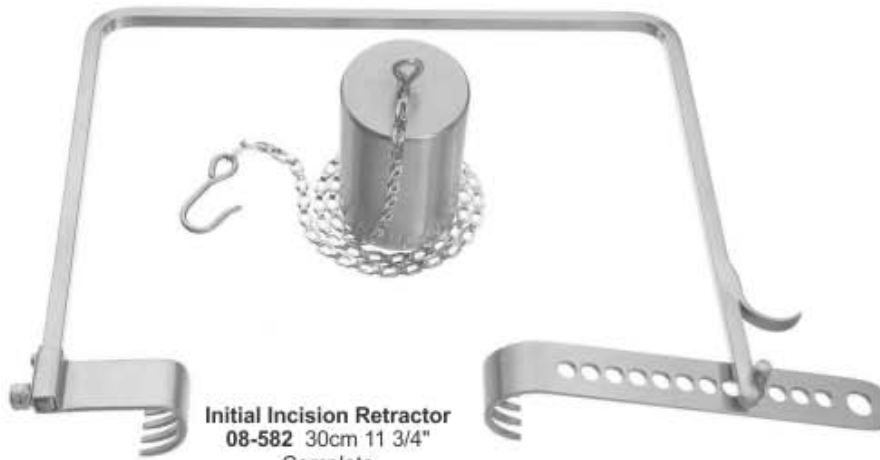


**08-580**  
 30 x 40 mm



**08-581**  
 37 x 62 mm

Wundhaken | Ecarteurs  
 Separadores | Divaricatori



**Initial Incision Retractor**  
**08-582** 30cm 11 3/4"  
 Complete



**Legueu Retractor**  
**08-583**  
 17 cm, 6 3/4"



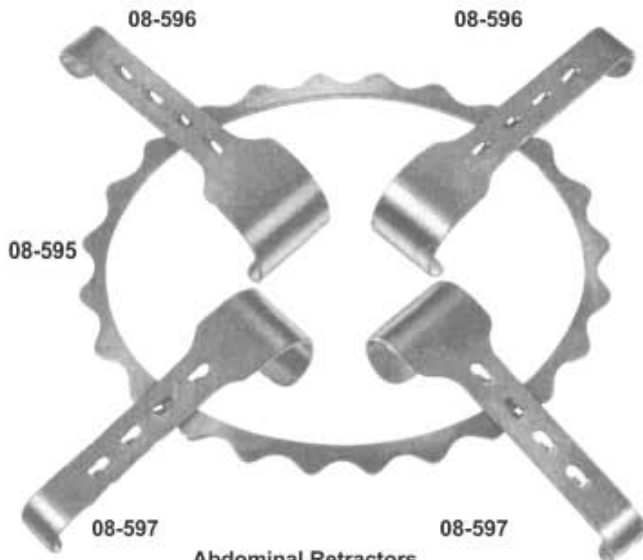
**Collin Retractor**  
**08-584** 20 cm, 8"  
 complete with 2 lateral  
 blades and central blade



**Doyen Retractor**  
**08-585** 48 mm x 90 mm  
**08-586** 48 mm x 105 mm  
**08-587** 48 mm x 120 mm  
**08-588** 48 mm x 135 mm  
 28 cm, 11"



**Rochard Retractor**  
**08-589** 48 mm x 90 mm  
**08-590** 48 mm x 105 mm  
**08-591** 48 mm x 120 mm  
**08-592** 48 mm x 135 mm  
**08-593** 48 mm x 155 mm  
 31 cm, 12"



**Abdominal Retractors**  
 for new-born and children

**Denis-Browne Retractor**  
**08-594** Complete with 4 blades

- 08-595** Frame 190 x 160 mm
- 08-596** 2 blades only 40 x 30 mm
- 08-597** 2 blades only 40 x 40 mm

**08-598**  
 Blades only 20 x 30 mm

**08-599**  
 Blades only 20 x 40 mm



Wundhaken | Ecarteurs  
 Separadores | Divaricatori

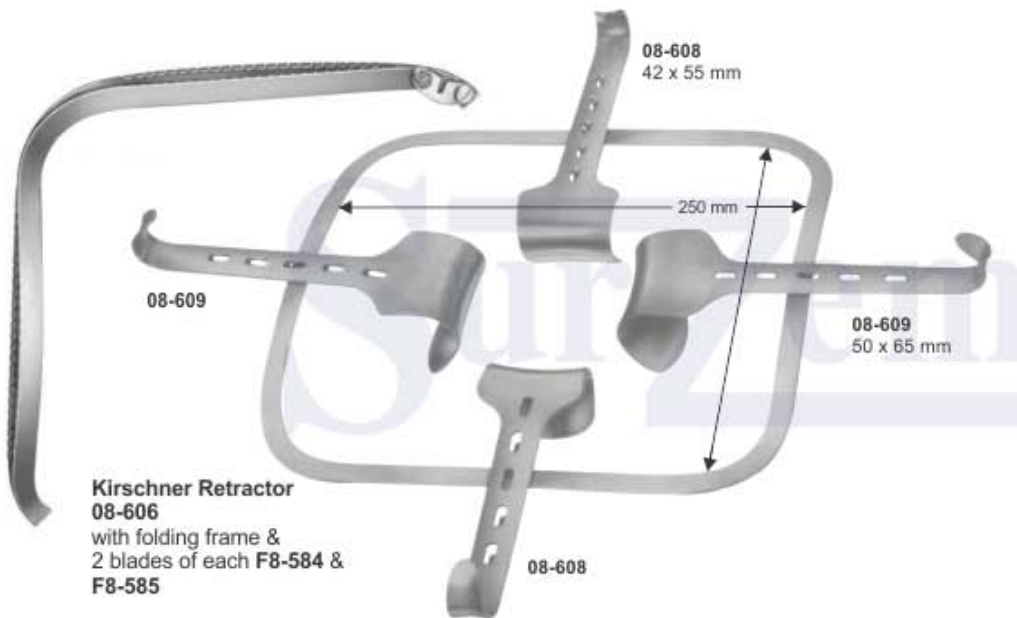
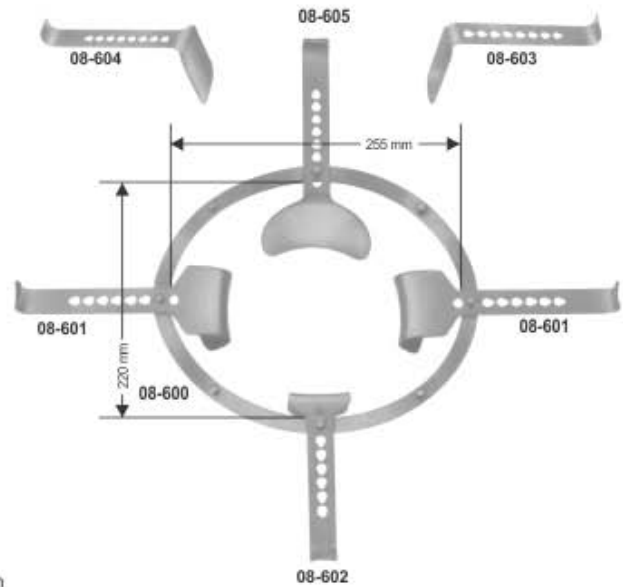
### Abdominal Retractors

well suitable for gynaecologists

#### Semm Abdominal Retractors

consisting of:

- 08-600** 1 frame 225 x 220 mm
- 08-601** 2 blade 46 x 64 mm
- 08-602** 1 blade 53 x 54 mm  
(for bladder)
- 08-603** 1 blade 82 x 97 mm  
(for intestine)
- 08-604** 1 blade 98 x 51 mm  
(for intestine)
- 08-605** 1 blade, narrow  
107 x 36 mm



**Kirschner Retractor**  
**08-606**  
 with folding frame &  
 2 blades of each **F8-584** &  
**F8-585**

**Kirschner Retractor**  
**08-607**  
 with vaulted fixed frame &  
 2 blades of each **08-608** &  
**08-609**

**08-610**  
 300 x 380 mm  
 Frame only, over-sized

**08-611**  
 320 x 300 mm  
 Frame only

Additional valves for corpulent persons



**Kirschner Retractor**  
**08-612**  
 64 x 80 mm



**Kirschner-Balfour Retractor**  
**08-613**  
 80 x 82 mm



**Kirschner Retractor**  
**08-614** 90 x 69 mm  
**08-615** 92 x 95 mm  
**08-616** 78 x 58 mm



**Kirschner Retractor**  
**08-617** 108 x 42 mm  
**08-618** 91 x 55 mm  
**08-619** 121 x 55 mm