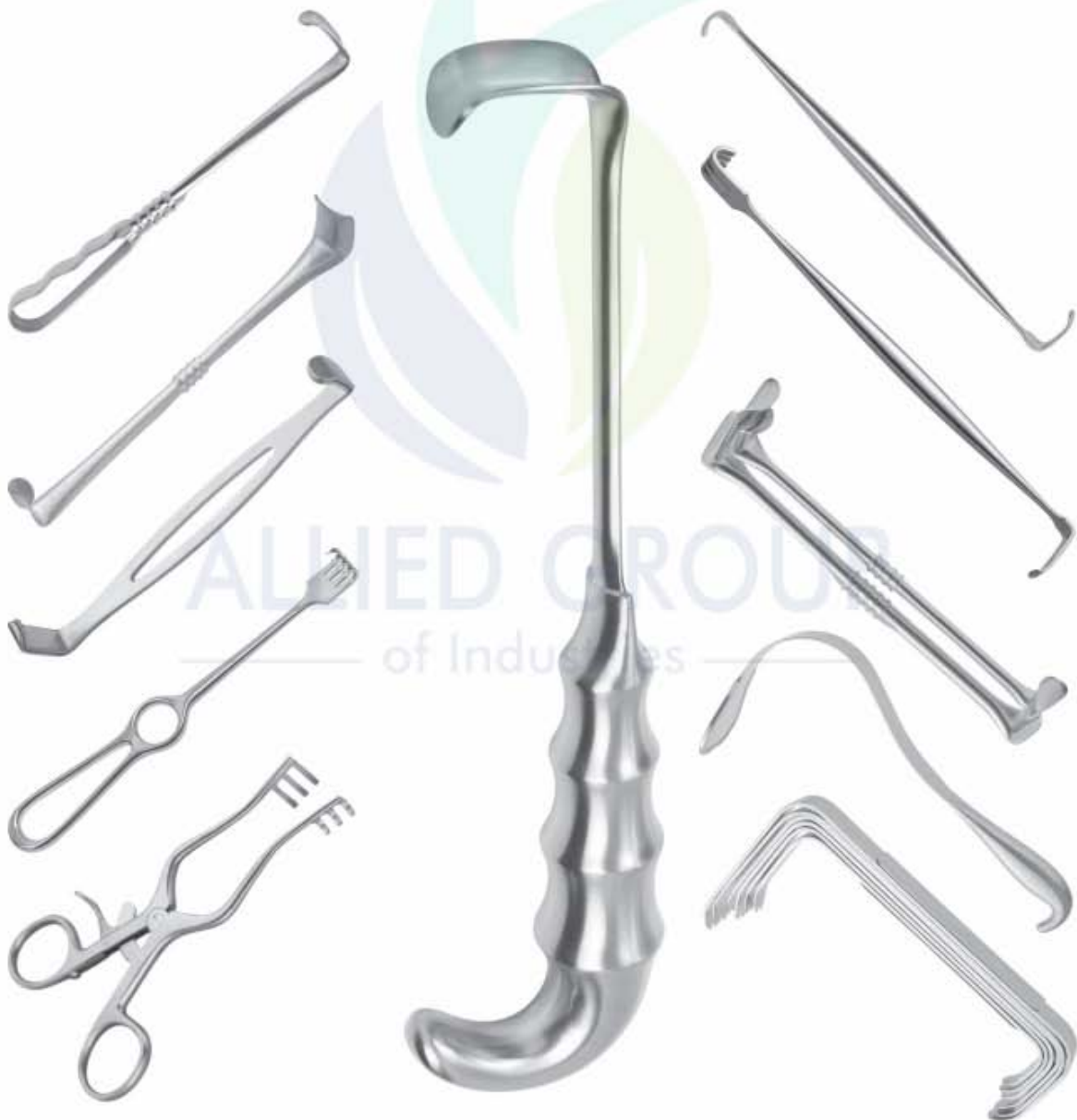
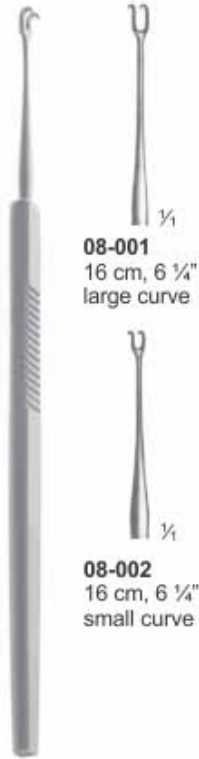


RETRACTORS INSTRUMENTS



HOOKLET & SKIN HOOKS

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"



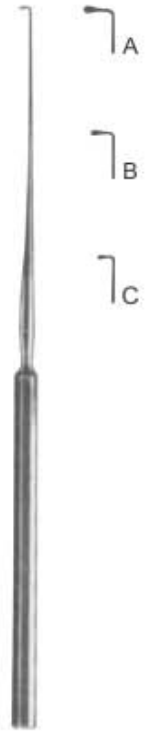
**VON GRAEFE Strabismus
& SKIN HOOKS**
08-021 13.0 cm, 5" - A
08-022 14.0 cm, 5 1/2" - B
08-023 15.0 cm, 6" - C



**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



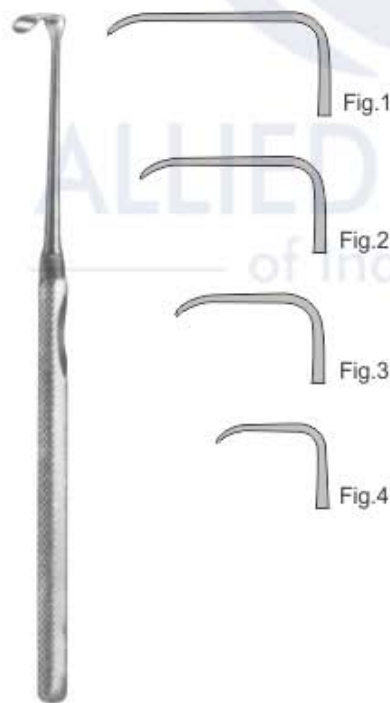
**DAY HOOKLET
& SKIN HOOKS**
08-028 16 cm, 6 1/4" - A
08-029 16 cm, 6 1/4" - B



**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



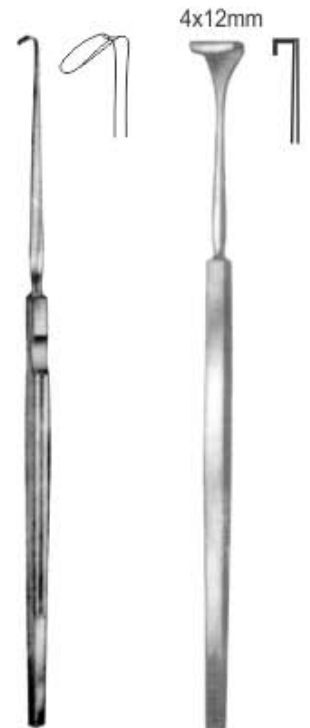
Converse Hook
08-033
12 cm, 5"



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"

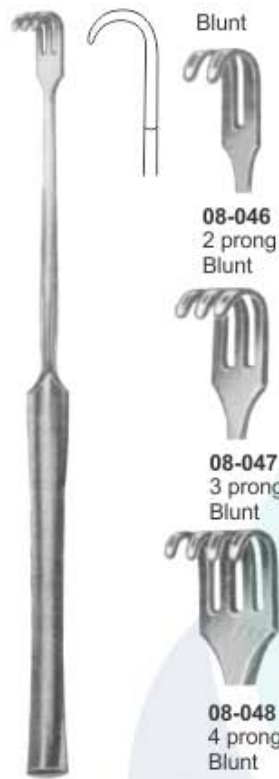
HOOKLET, RETRACTORS

Wundhäkchen, Wundhaken
Ganchito, Separadores

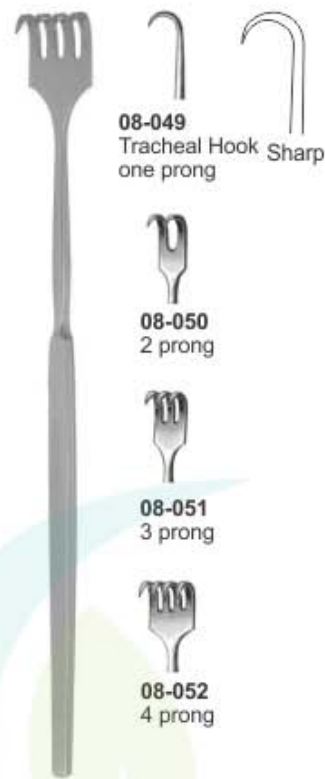
Crochet, Ecarteurs
Divaricatore, Divaricatori



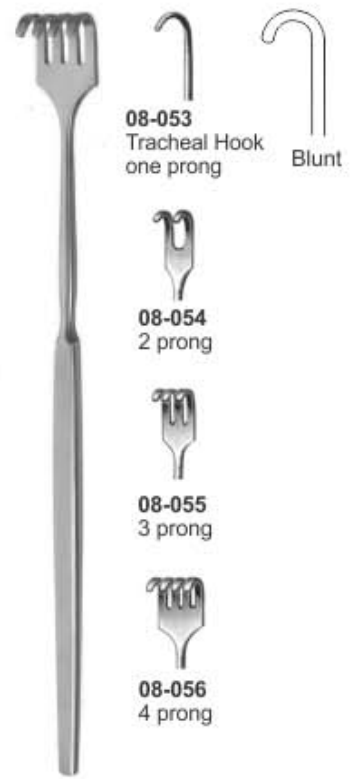
Tracheal Retractor
18 cm



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

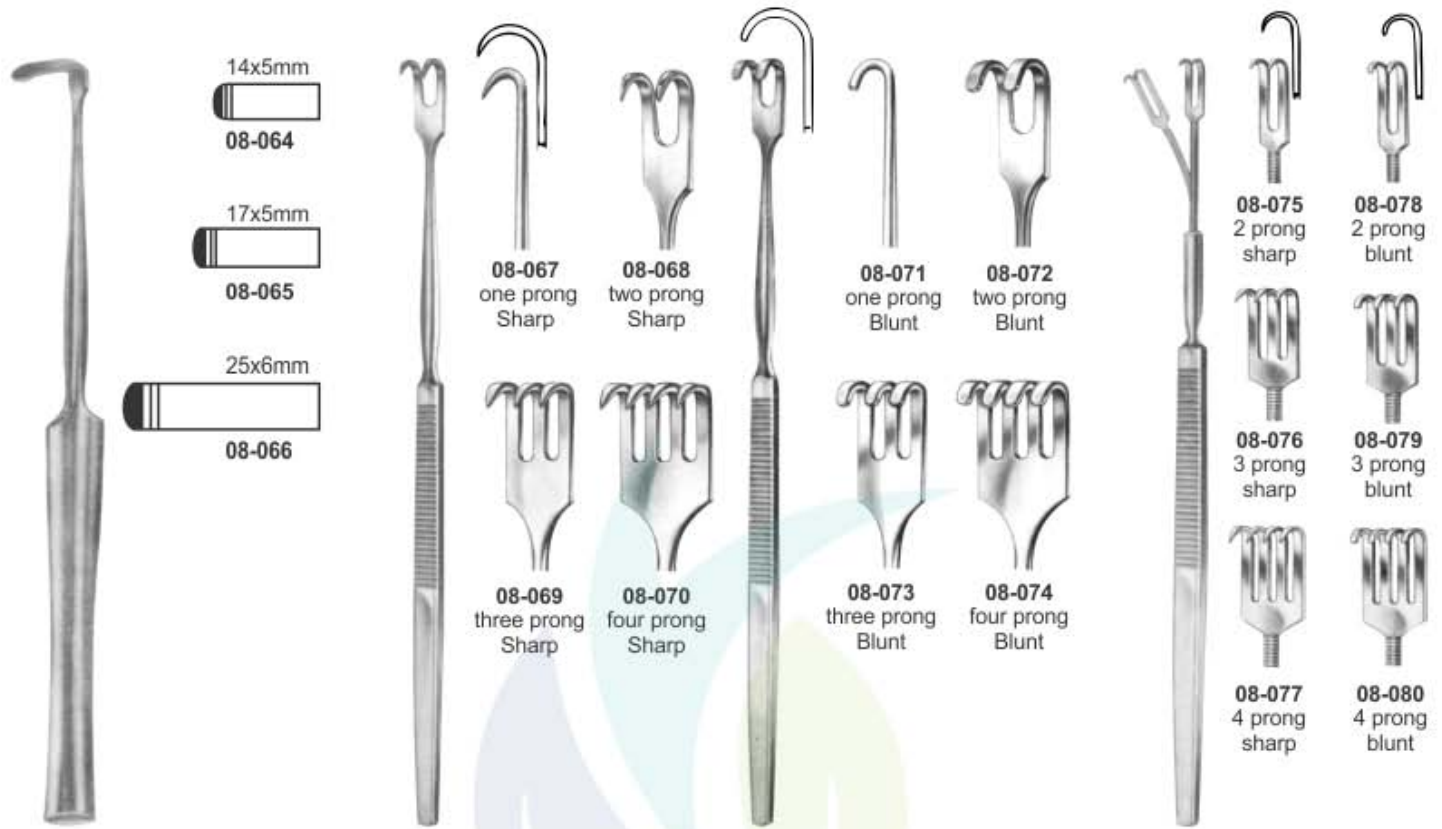
08-062
9 prong
Sharp

08-063
9 prong
Blunt

HOOKLET, RETRACTORS

Wundhäkchen, Wundhaken
Ganchito, Separadores

Crochet, Ecarteurs
Divaricatore, Divaricatori



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

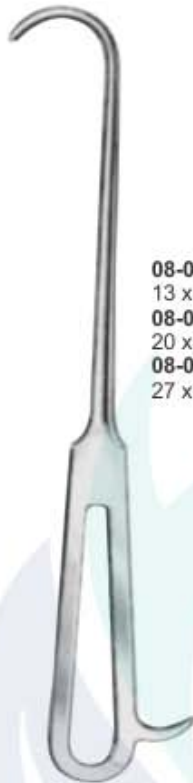
Crochet, Ecarteurs
Divaricatore, Divaricatori



Volkman Retractors
08-091 23 cm
Sharp



Volkman Retractors
08-092 23 cm
Blunt



Lambotte Retractors
20 cm

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



Volkman Retractors
11.5 cm



08-096
2 prong



08-100
2 prong



08-097
3 prong



08-101
3 prong



08-098
4 prong



08-102
4 prong



08-099
6 prong



08-103
6 prong



Murphy Retractors
19.1 cm 7 1/2"



08-104
3 prongs
08-105
3 prongs
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



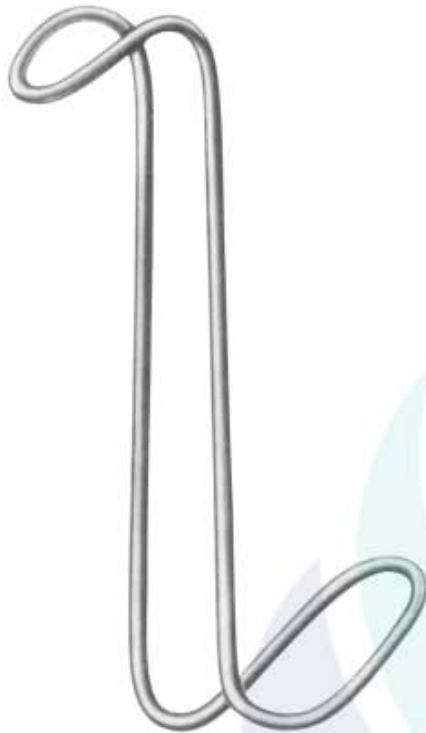
Volkman Retractor
08-111
22 cm 8 3/4"
4 Prongs Sharp



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



Sternberg Retractor
08-113 12 cm, 4 ¾"
08-114 14 cm, 5 ½"
08-115 16 cm, 6 ¼"



Collin-Hartmann Retractor
08-116
38 x 28 / 32 x 21 mm 14 cm, 5 ½"
08-117
52 x 34 / 36 x 27 mm 16 cm, 6 ¼"



Herzfeld Retractor
08-118
20 cm, 8"



Strandell-Stille Retractor
08-119
19 cm, 7 ½"



Strandell-Stille Retractor
08-120
19 cm, 7 ½"



Schoenbore Retractor
08-121
21 cm, 8 ¼"



Konig Retractor
17 cm, 6 ¾"



Senn-Green Retractor
15 cm, 6"



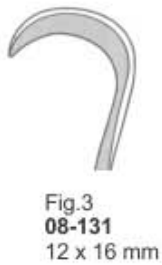
Cottle Retractor
08-126
15 cm, 6"
10 x 12 mm



Ragnell-Davis Retractor
08-127 8 x 4 mm
08-128 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



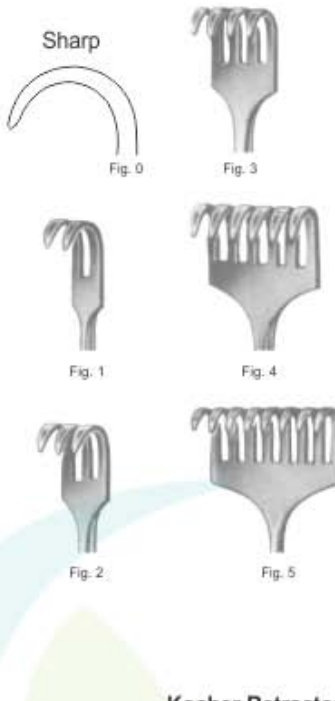
Kocher Retractor
22 cm
08-161 40 x 10 mm
08-162 40 x 15 mm
08-163 40 x 20 mm



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



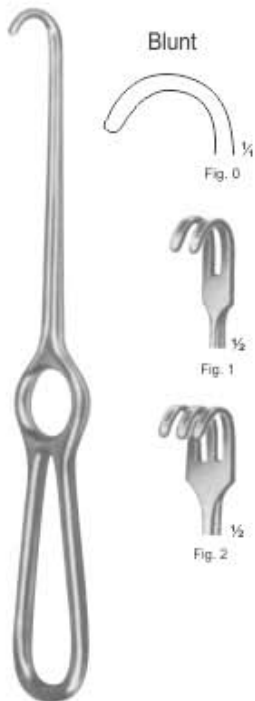
Kocher Retractor
08-169 22 cm, 8 3/4" 15 x 10 mm 2 prong Fig. 1
08-170 22 cm, 8 3/4" 15 x 15 mm 3 prong Fig. 2
08-171 22 cm, 8 3/4" 15 x 20 mm 4 prong Fig. 3
08-172 22 cm, 8 3/4" 15 x 30 mm 6 prong Fig. 4
08-173 22 cm, 8 3/4" 15 x 40 mm 8 prong Fig. 5



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



Korte-Wagner Retractor
08-194 28cm
 Sharp



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

RETRACTORS

Wundhaken | Ecarteurs
 Separadores | Divaricatori



RETRACTORS

Wundhaken | Ecarteurs
Separadores | Divaricatori



Kocher Retractor
28 cm 11"



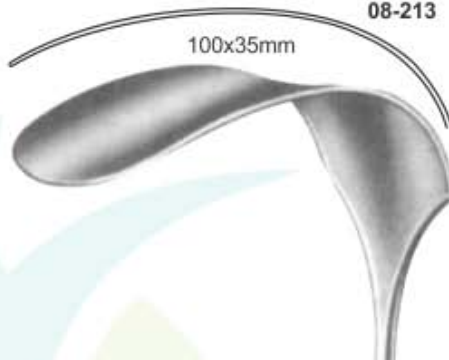
08-211



08-213



08-212



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"

RETRACTORS

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



Meyerding Finger Retractor
18 cm, 7"

08-251
long blunt blade,
6 x 17 mm

08-254
long toothed blade,
5 x 16 mm

08-252
short toothed blade,
3 x 6 mm

08-255
short blunt blade,
3 x 10 mm

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

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



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)

Dimensions: 28 x 23 mm, 28 x 27 mm, 43 x 23 mm, 45 x 27 mm, 20 x 22 mm, 23 x 26 mm, 29 x 29 mm, 25 x 38 mm, 29 x 38 mm, 34 x 44 mm.

RETRACTORS

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



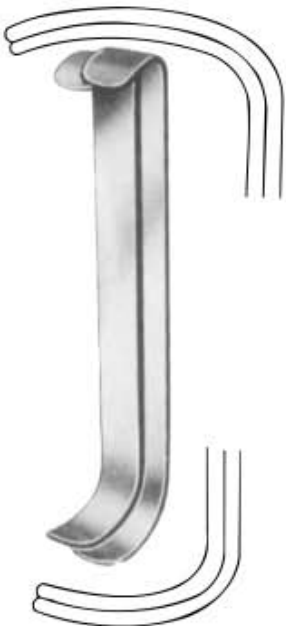
Farabeuf Retractor
Set 2 Pcs.
08-300 15 cm, 6"
27 x 16 / 30 x 16 mm
08-301 15 cm, 6"
23 x 16 / 26 x 16 mm



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"

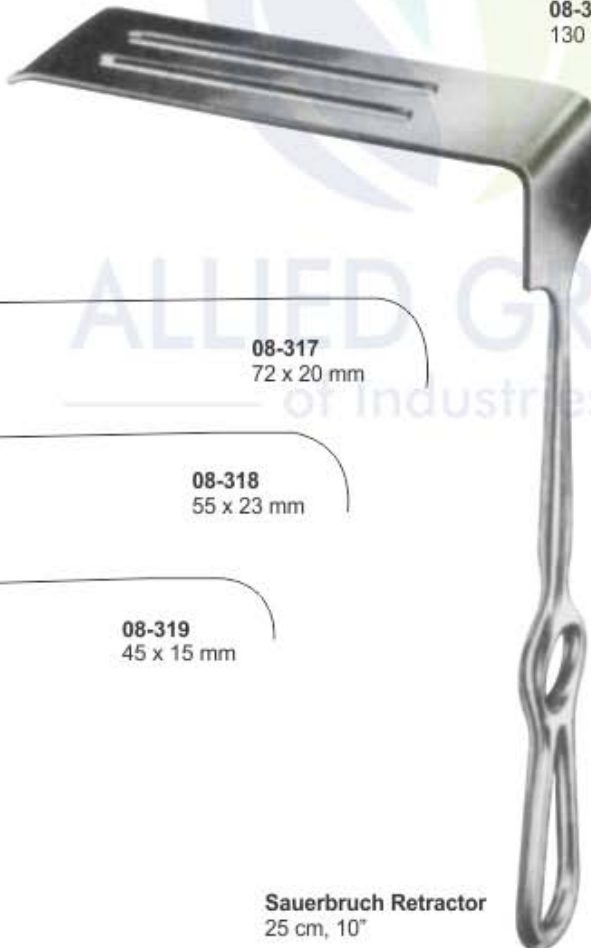
08-314
115 x 38 mm



08-315
82 x 22 mm



08-316
130 x 38 mm



Sauerbruch Retractor
25 cm, 10"

08-317
72 x 20 mm

08-318
55 x 23 mm

08-319
45 x 15 mm



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

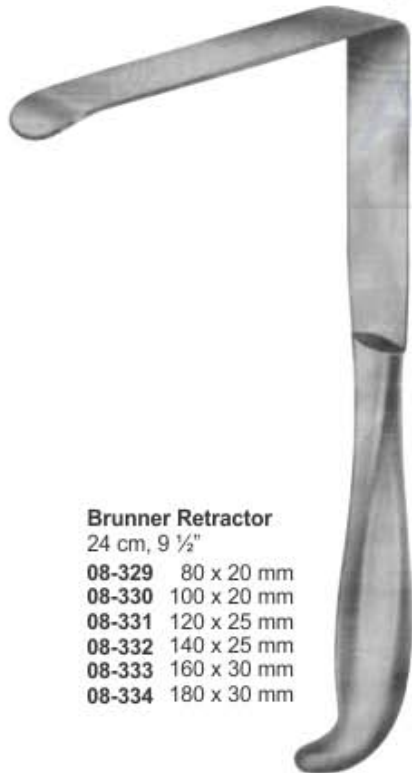
Wundhaken | Ecarteurs
 Separadores | Divaricatori



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



Brunner 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



Brunner 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

RETRACTORS

Wundhaken | Ecarteurs
Separadores | Divaricatori



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

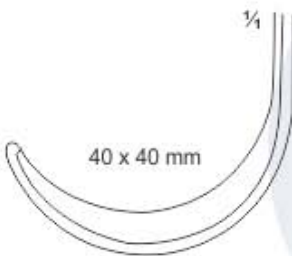
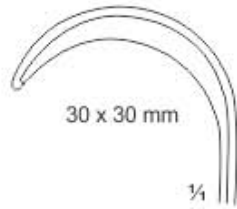
RETRACTORS, VEIN HOOKS

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
08-382
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



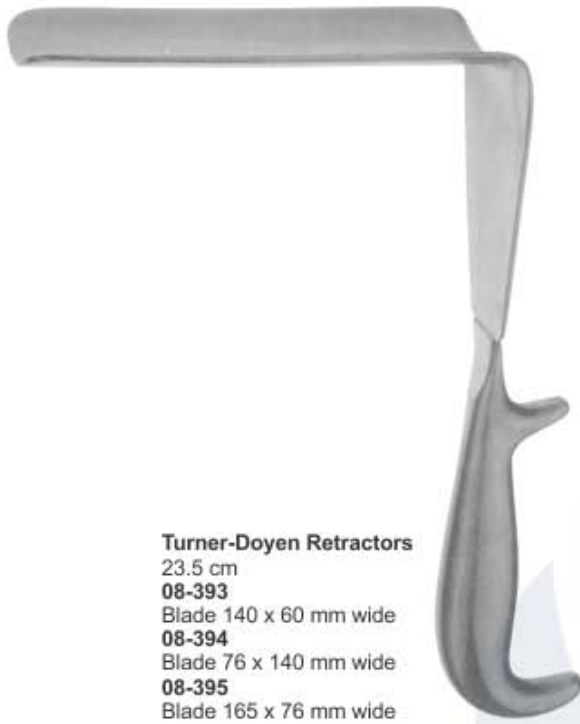
08-391
Fig.06



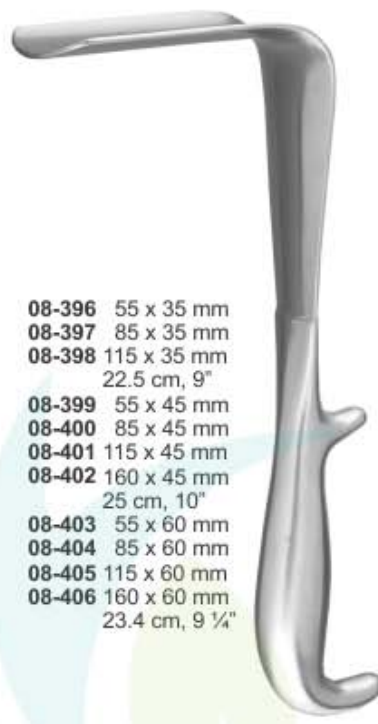
Weinberg Vagotomy Retractor (joe's Hoe)
08-392 20 cm, 8"
Blade 102 x 165 mm wide

RETRACTORS

Wundhaken | Ecarteurs
Separadores | Divaricatori



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

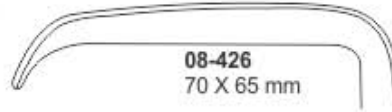
Wundhaken | Ecarteurs
 Separadores | Divaricatori



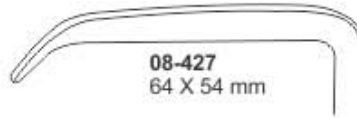
Kelly Retractor
 08-425 25cm
 55x50mm



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



08-436
 39 x 30 mm

08-435
 64 x 43 mm

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

RETRACTORS

Wundhaken | Ecarteurs
Separadores | Divaricatori



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



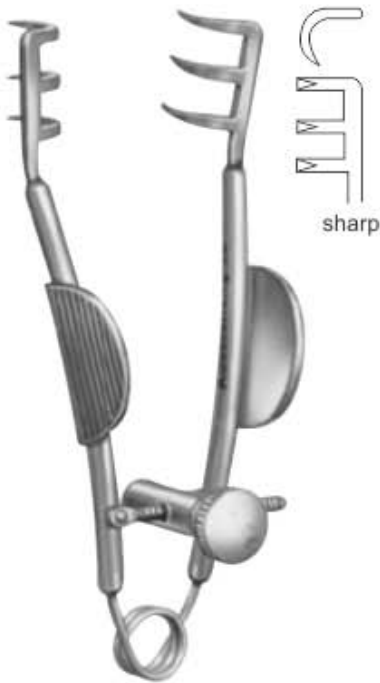
**Finsen Retractor
08-462** 7 cm, 2 3/4"
3 x 4 teeth, sharp
08-463 7 cm, 2 3/4"
3 x 4 teeth, Blunt



**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



1
 1x1
 Sharp Prong

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



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

RETRACTORS

Wundhaken | Ecarteurs
Separadores | Divaricatori



Gelpi-Loktite Retractor

- 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-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

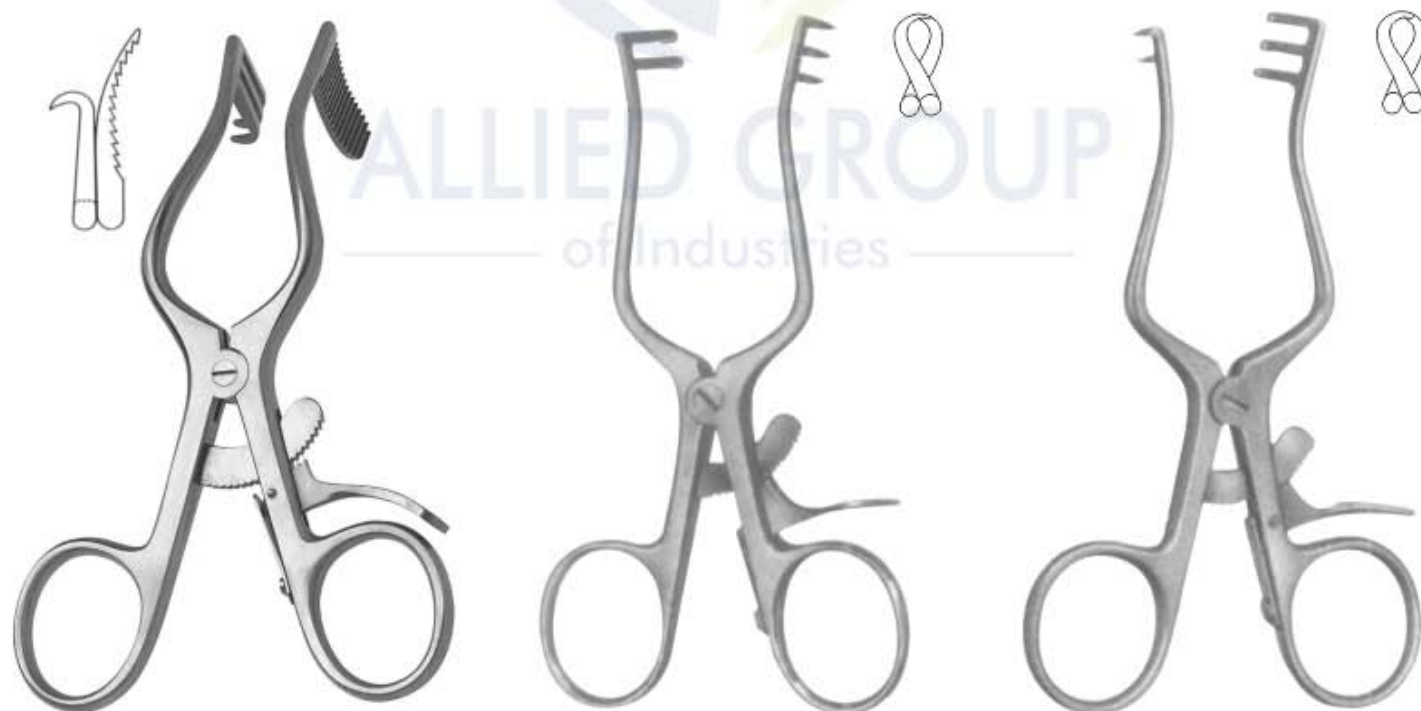


Righby Retractor
08-505 35 x 20 mm
08-506 60 x 20 mm
08-507 65 x 15 mm
18 cm, 7"

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

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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

ALLIED GROUP
 of Industries



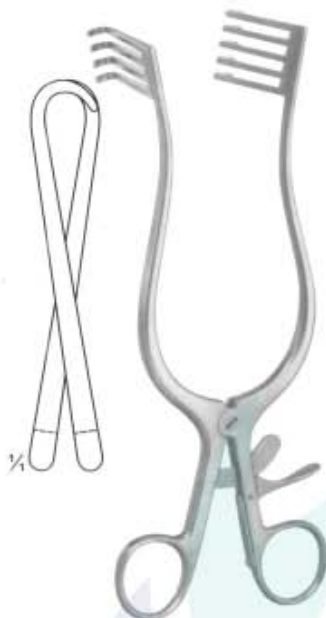
Kolbel Soft Tissue Retractor
08-518 18.0cm 7"
 Angled, 2 x 2 Pronged

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



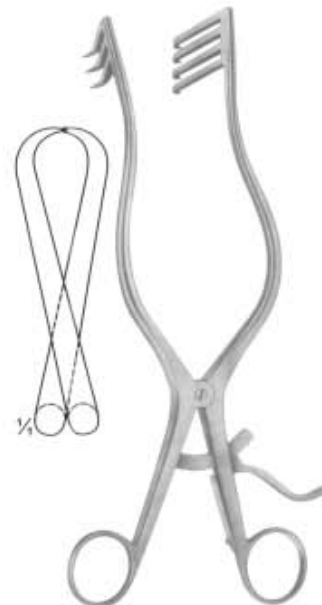
Anderson-Adson Retractor
08-523 19.0 cm 7 1/2"
Sharp



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,

RETRACTORS

Wundhaken | Ecarteurs
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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



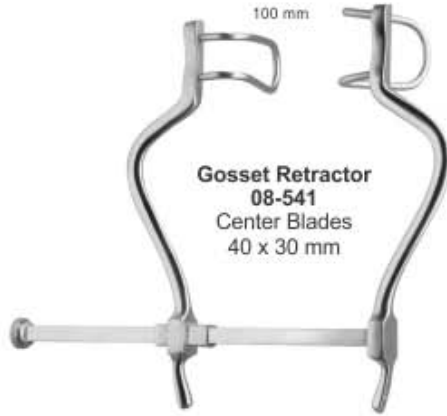
Gelpi Skin & Vaginal Retractor
08-539 17.5cm



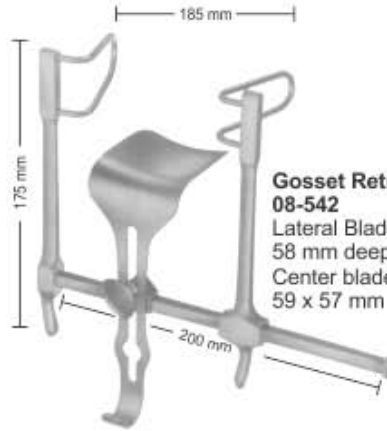
De Bakey Femur Retractor
08-540 14.5cm

RETRACTORS

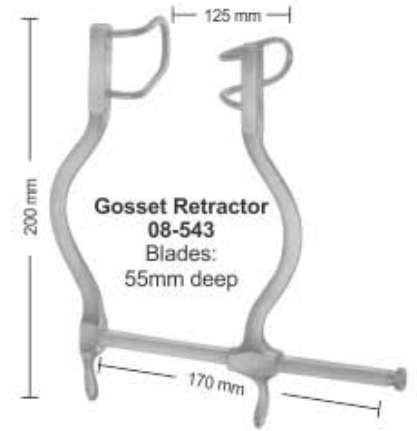
Wundhaken | Ecarteurs
Separadores | Divaricatori



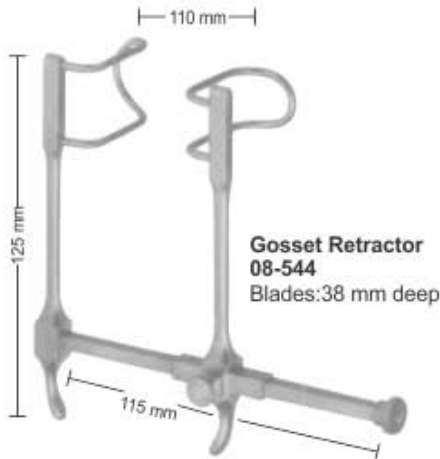
**Gosset Retractor
08-541**
Center Blades
40 x 30 mm



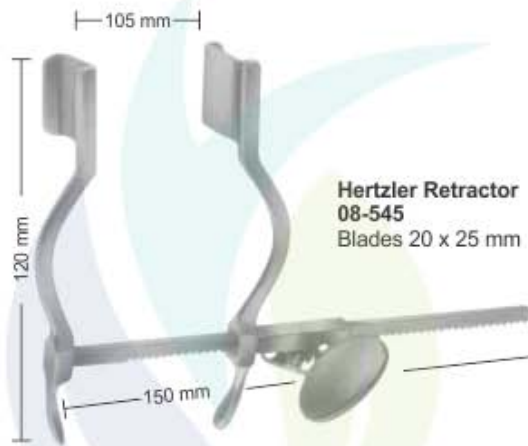
**Gosset Retractor
08-542**
Lateral Blades
58 mm deep
Center blade
59 x 57 mm



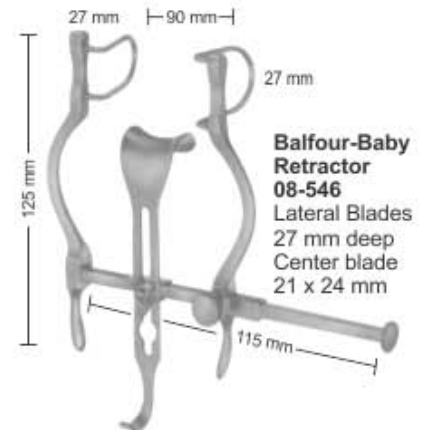
**Gosset Retractor
08-543**
Blades:
55mm deep



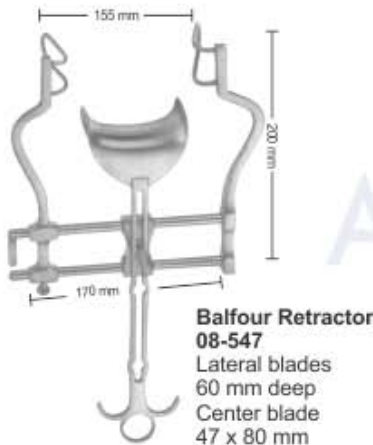
**Gosset Retractor
08-544**
Blades: 38 mm deep



**Hertzier Retractor
08-545**
Blades 20 x 25 mm



**Balfour-Baby
Retractor
08-546**
Lateral Blades
27 mm deep
Center blade
21 x 24 mm



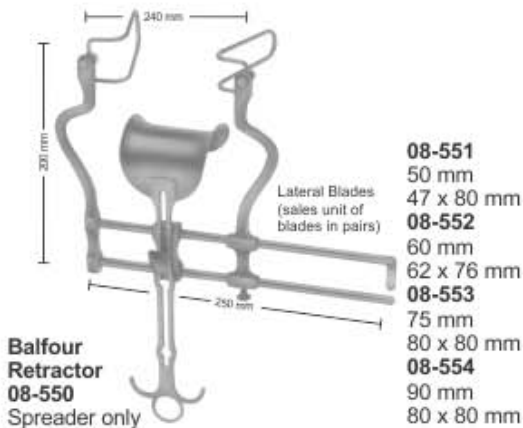
**Balfour Retractor
08-547**
Lateral blades
60 mm deep
Center blade
47 x 80 mm



**Balfour Retractor
08-548**
Lateral blades
105 mm deep
Center blade
107 x 59 mm



08-549
Center blade only
54 x 80 mm



**Balfour
Retractor
08-550**
Spreader only

- 08-551** 50 mm
 - 08-552** 60 mm
 - 08-553** 75 mm
 - 08-554** 80 x 80 mm
 - 08-555** 80 x 80 mm
 - 08-556** 80 x 80 mm
 - 08-557** 80 x 80 mm
 - 08-558** 80 x 80 mm
- Lateral Blades
(sales unit of
blades in pairs)



Finochietto Retractors
08-555 18x22 8cm
08-556 25x40 13cm
08-557 38x45 16cm
08-558 40x45 18cm



Gosset Abdominal Retractors
08-559 12cm
08-560 16cm
08-561 24cm
08-562 30cm

RETRACTORS

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08-565
Single Retractor Blade
110 x 70 mm

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

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



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



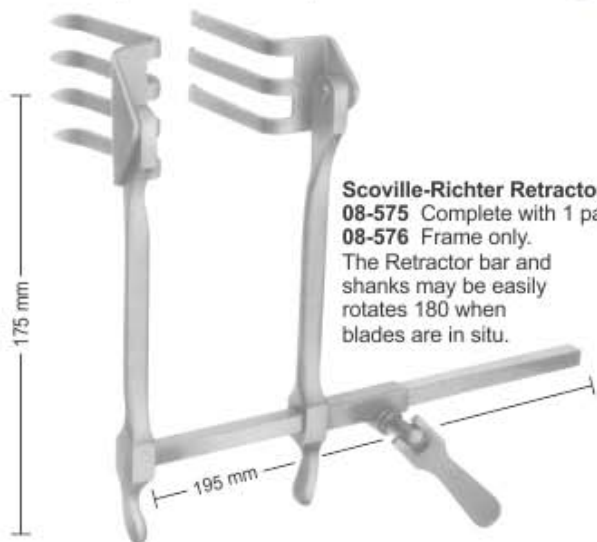
08-569
Center Blade
100 x 60 mm

Sizes of These Blades to Same as about Blades.

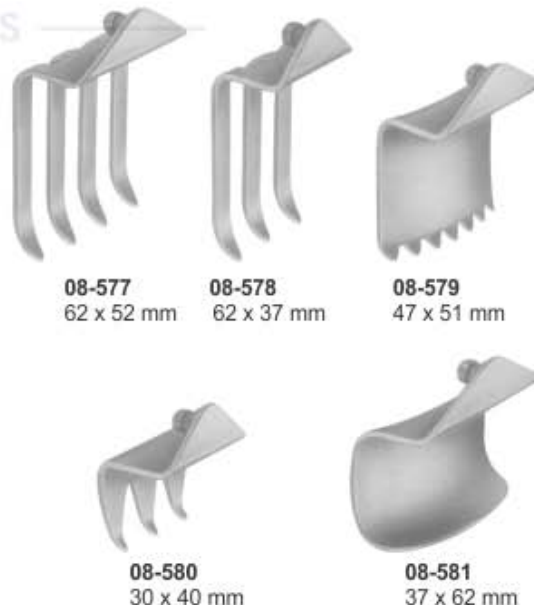


Collin Retractor
08-570 Complete
08-571 Spreader only
08-572 Blades 55 x 25 mm
08-573 Blades 80 x 25 mm
08-574 Center Blade
115 x 45 mm

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.



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

RETRACTORS

Wundhaken | Ecarteurs
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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



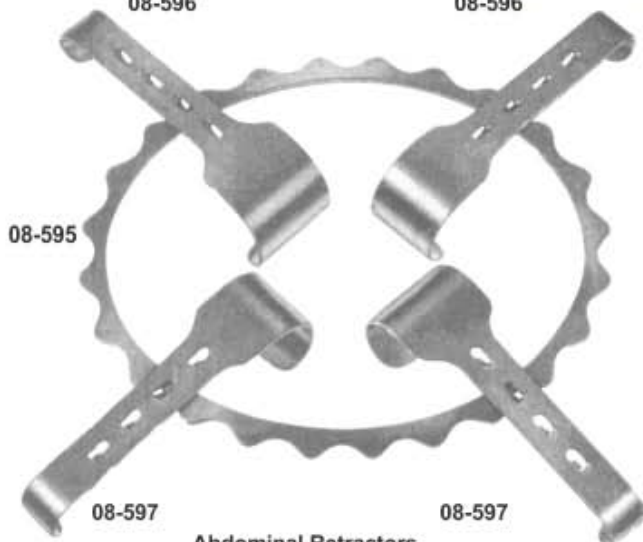
Doyen Retractor
08-585 48 mm x 90 mm
08-586 48 mm x 105 mm
08-587 48 mm x 120 mm
08-588 48 mm x 135 mm
28 cm, 11"



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"

08-596

08-596



08-595

08-597

08-597

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

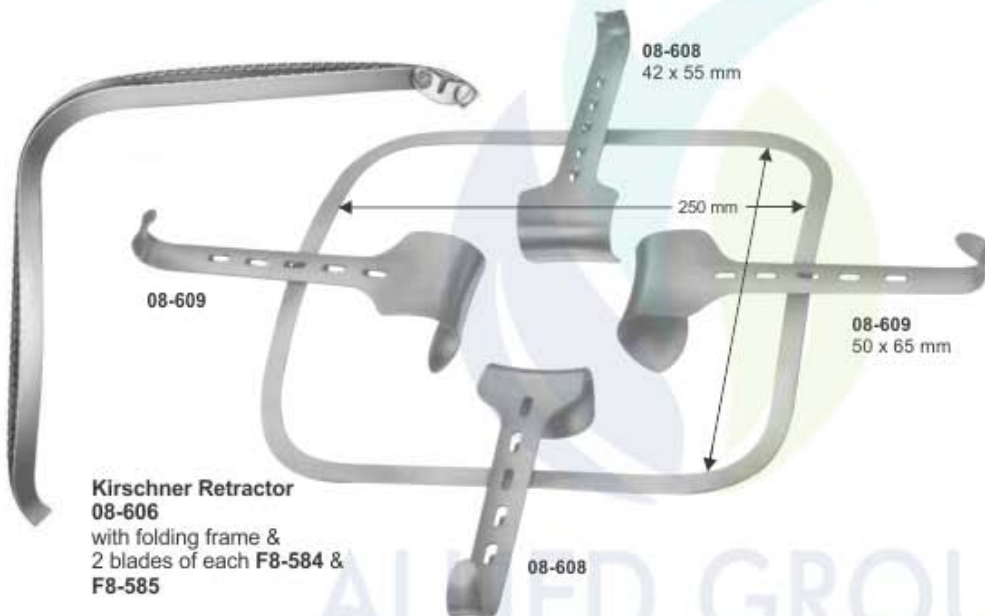
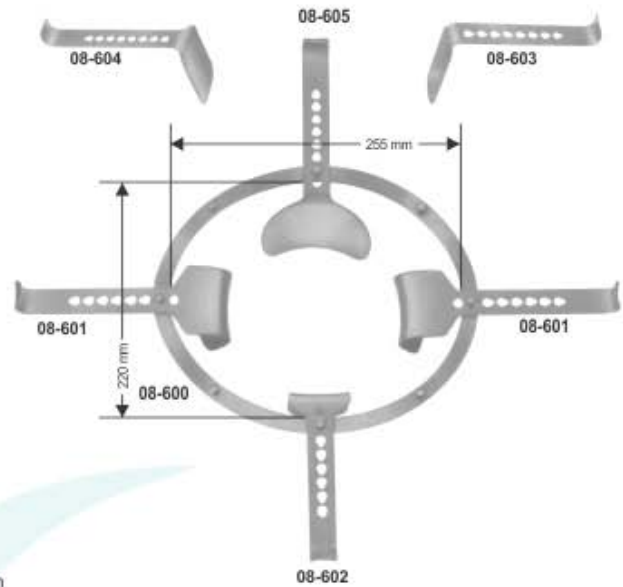
Abdominal Retractors

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