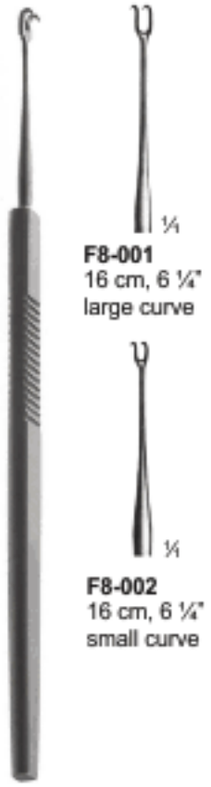
RETRACTORS







F8-001
16 cm, 6 ¼"
large curve

F8-002
16 cm, 6 ¼"
small curve

GUTHRIE HOOKLET



F8-003
18 cm, 7"
Sharp

F8-004
18 cm, 7"
sharp

GILLIES SKIN HOOK



F8-005
15 cm, 6"
sharp

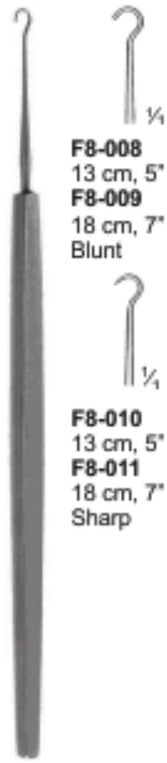
KILNER HOOK



F8-006
18.5 cm, 7 ¼"
sharp

F8-007
18.5 cm, 7 ¼"
sharp

FISCH HOOKLET & Skin Hook



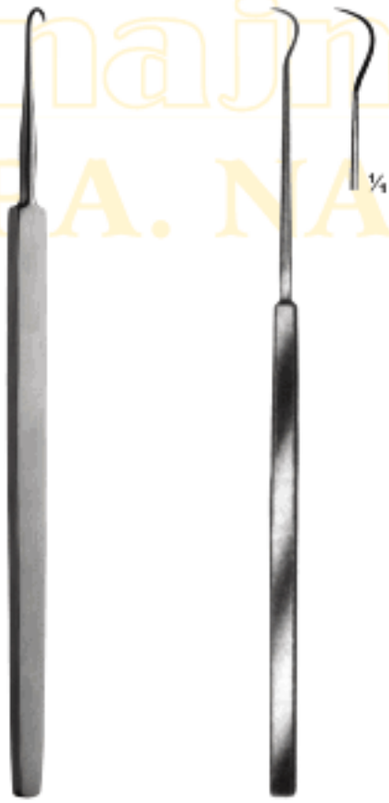
F8-008
13 cm, 5"
F8-009
18 cm, 7"
Blunt

F8-010
13 cm, 5"
F8-011
18 cm, 7"
Sharp

FRAZIER HOOKLET & Skin Hook



DOUBLE PRONG MICRO HOOK & Skin Hook
F8-012
Sharp, 2mm, wide jaws,
14.5 cm, 6 ¾"



WIENER HOOK & Skin Hook
F8-013
Sharp,
14 cm, 5 ½"

TOENNIS HOOK & Skin Hook
F8-014
15 cm, 6"
Sharp



F8-015
2 sharp prong
13 cm, 5"
2.25mm diameter
3mm wide

F8-016
4 sharp prong
13 cm, 5"
2mm diameter
5mm wide

F8-017
4 blunt prong
13 cm, 5"
2mm diameter
5mm wide

ROLLET HOOK



FREER SKIN HOOK



F8-018
15 cm, 6", sharp
double prongs
2.5mm wide

F8-019
15 cm, 6" , blunt
double prongs
2.5mm wide



CRILE HOOKLET & SKIN HOOKS
F8-020 20.4 cm, 8"



VON GRAEFE Strabismus & SKIN HOOKS
F8-021 13.0 cm, 5" - A
F8-022 14.0 cm, 5 ½" - B
F8-023 15.0 cm, 6" - C



WAGENER HOOKLET & SKIN HOOKS
F8-024 14 cm, 5 ½" - A
F8-025 14 cm, 5 ½" - B
F8-026 14 cm, 5 ½" - C
F8-027 14 cm, 5 ½" - D



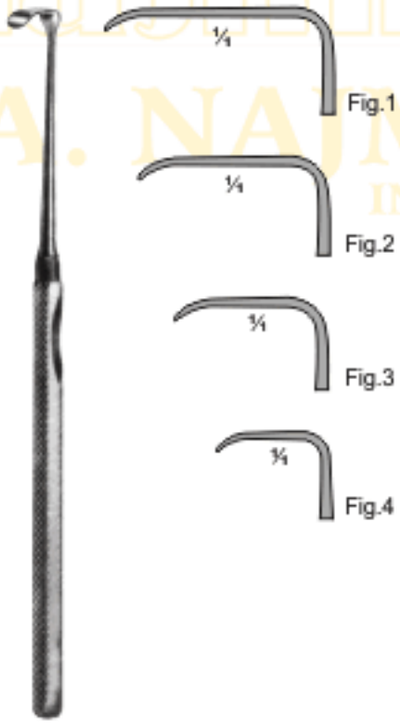
DAY HOOKLET & SKIN HOOKS
F8-028 16 cm, 6 ¼" - A
F8-029 16 cm, 6 ¼" - B



LUCAE HOOKLET & SKIN HOOKS
F8-030 14 cm, 5 ½" - A
F8-031 14 cm, 5 ½" - B
F8-032 14 cm, 5 ½" - C



Converse Hook
F8-033
12 cm, 5"



MANNERFELT-LANGENBECK HOOK
F8-034 15 x 6 mm 15.5 cm, 6" Fig.1
F8-035 20 x 6 mm 15.5 cm, 6" Fig.2
F8-036 25 x 6 mm 15.5 cm, 6" Fig.3
F8-037 30 x 8 mm 15.5 cm, 6" Fig.4



F8-038
Sharp

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



F8-039
2 prong
Blunt



F8-040
3 prong
Blunt



Tracheal Retractor
18 cm, 7"

Sharp



F8-041
2 prong 18 cm, 7"
Sharp



F8-042
3 prong 18 cm, 7"
Sharp



F8-043
4 prong 18 cm, 7"
Sharp



Tracheal Retractor
18 cm, 7"

Blunt



F8-044
2 prong 18 cm, 7"
Blunt



F8-045
3 prong 18 cm, 7"
Blunt



F8-046
4 prong 18 cm, 7"
Blunt



Trachea Retractor
16.5 cm, 6 ½"
Sharp





F8-047
Tracheal Hook
one prong
16.5 cm, 6 ½" Sharp



F8-048
2 prong 16.5 cm,
6 ½" Sharp



F8-049
3 prong 16.5 cm,
6 ½" Sharp



F8-050
4 prong 16.5 cm,
6 ½" Sharp



Tracheal Retractor
16.5 cm, 6 ½"
Blunt





F8-051
Tracheal Hook
one prong 16.5 cm,
6 ½" Blunt



F8-052
2 prong 16.5 cm,
6 ½" Blunt



F8-053
3 prong 16.5 cm,
6 ½" Blunt



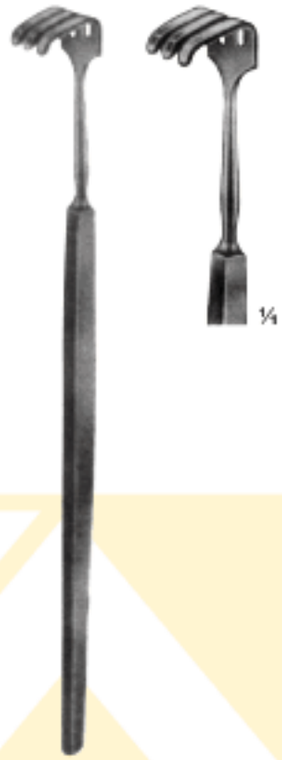
F8-054
4 prong 16.5 cm,
6 ½" Blunt



Rollet Hooklet Retractors
F8-055
12.5 cm, 4 ¾"



Rollet (Blair)
Hooklet Retractors
F8-056
13.5 cm, 5"



Paul Hooklet Retractors
F8-057
12.5 cm, 4 ¾"



Paul Hooklet Retractors
F8-058
16 cm, 6 ¼"



Miller Retractor
F8-059
13.5 cm, 5 ¼"
Sharp 6 prong



Miller Retractor

F8-060
9 prong 13.5 cm,
5 ¼" Sharp

F8-061
9 prong 13.5 cm,
5 ¼" Blunt



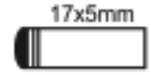
Hooklet Retractors
F8-062
13 cm, 5"

Brom Hooklet Retractors
F8-063
17 cm, 6 ¾"

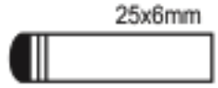
Hooklet Retractors
17 cm, 6 ¼"



F8-064



F8-065



F8-066



Finger Rake, Retractor
16.5 cm, 6 ½"



Sharp



F8-067
one prong
Sharp



F8-068
two prong
Sharp



F8-069
three prong
Sharp



F8-070
four prong
Sharp



Finger Rake, Retractor
16.5 cm, 6 ½"



Blunt



F8-071
one prong
Blunt



F8-072
two prong
Blunt



F8-073
three prong
Blunt



F8-074
four prong
Blunt



Hooklets, Retractors
16 cm, 6 ¼"



F8-075
2 prong
flexible, sharp



F8-078
2 prong
flexible, blunt



F8-076
3 prong
flexible, sharp



F8-079
3 prong
flexible, blunt



F8-077
4 prong
flexible, sharp



F8-080
4 prong
flexible, blunt



Peck Rake Retractor
16.5 cm, 6 ½"



F8-081
4 prong
flexible sharp



F8-082
4 prong
flexible blunt



Kocher Hooklet, Retractors
F8-083
21 cm, 8 ¼"
Sharp



Kocher Hooklet, Retractors
F8-084
21 cm, 8 ¼"
Blunt



Kocher Hooklet, Retractors
F8-085
22 cm, 8 ¾"
Sharp



Kocher Hooklet, Retractors
F8-086
22 cm, 8 ¾"
Blunt



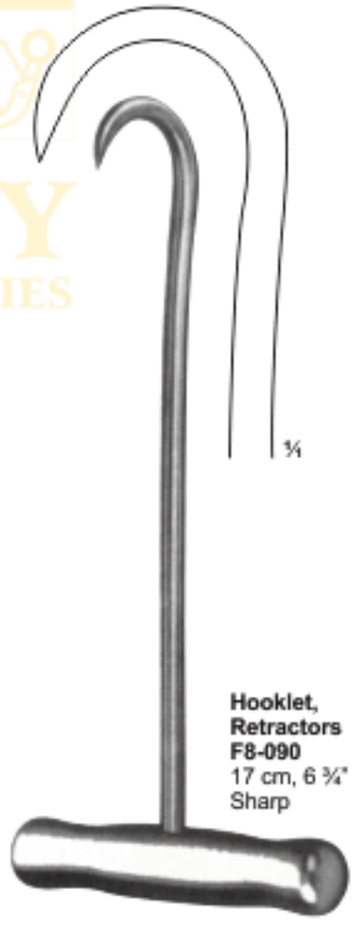
Hooklet, Retractors
F8-087
24.5 cm, 9 ¾"
Sharp



Hooklet, Retractors
F8-088
20 cm, 8"
Sharp



Hooklet, Retractors
F8-089
20 cm, 8"
Blunt



Hooklet, Retractors
F8-090
17 cm, 6 ¾"
Sharp

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Volkmann Retractors
F8-091
23 cm, 9"
Sharp



Volkmann Retractors
F8-092
23 cm, 9"
Blunt



Lambotte Retractors
20 cm 18"
F8-093
13 x 235 mm
F8-094
20 x 255 mm
F8-095
27 x 270 mm



Volkmann Retractors
11.5 cm, 4 ½"

Sharp



Sharp



F8-096
2 prong



F8-097
3 prong



F8-098
4 prong



F8-099
6 prong

Blunt





F8-100
2 prong



F8-101
3 prong



F8-102
4 prong



F8-103
6 prong



Murphy Retractors
19.1 cm 7 1/2"
F8-104 3 prongs
F8-105 3 prongs
F8-106 4 prongs
F8-107 4 prongs
Sharp



Senn Retractor
F8-108
16 cm 6 ¼"
Blunt



Senn Retractor
F8-109
16 cm 6 ¼"
Sharp



Senn-Mueller Retractor
F8-110
18 x 6 mm
16 cm, 6 ¼"
sharp



Volkman Retractor
F8-111
22 cm 8 ¾"
4 Prongs Sharp



Volkman Retractor
F8-112
22 cm 8 ¾"
4 Prongs Blunt



Sternberg Retractor
F8-113 12 cm, 4 ¾"
F8-114 14 cm, 5 ½"
F8-115 16 cm, 6 ¼"



Collin-Hartmann Retractor
F8-116
38 x 28 / 32 x 21 mm 14 cm, 5 ½"
F8-117
52 x 34 / 36 x 27 mm 16 cm, 6 ¼"

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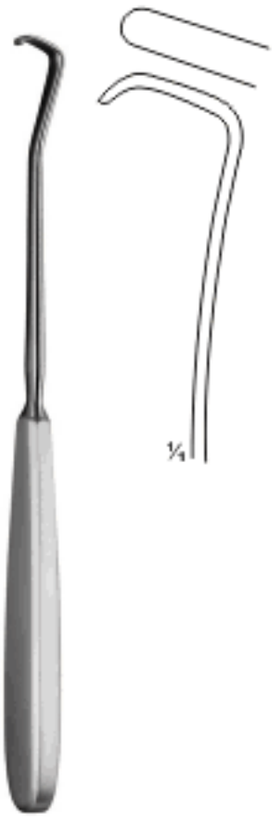
Herzfeld Retractor
F8-118
20 cm, 8"



Strandell-Stille Retractor
F8-119
19 cm, 7 ½"



Strandell-Stille Retractor
F8-120
19 cm, 7 ½"



Schoenbore Retractor
F8-121
21 cm, 8 ¼"



Konig Retractor
17 cm, 6 ¾"



F8-122
13 x 13 mm



F8-123
12 x 16 mm



Senn-Green Retractor
15 cm, 6"



F8-124
10 x 6 mm



F8-125
20 x 6 mm



Cottle Retractor
F8-126
15 cm, 6"
10 x 12 mm



Ragnell-Davis Retractor
14 cm, 5 ½"
F8-127
8 x 4 mm
F8-128
15 x 5.5 mm

Wundhäkchen | Crochet
Ganchito | Divaricatore



Mannerfelt Hooklet Retractors
15.5 cm, 6"



Fig.1
F8-129
12 x 12 mm



Fig.2
F8-130
12 x 14 mm



Fig.3
F8-131
12 x 16 mm



Cushing Hooklet Retractors
20 cm, 8"



F8-132
8 mm



F8-133
10 mm



F8-134
12 mm



F8-135
14 mm



F8-136
16 mm



F8-137
18 mm



Cushing Hooklet Retractors
24 cm, 9 ½"



F8-138
8 mm



F8-139
10 mm



F8-140
12 mm



F8-141
14 mm



F8-142
16 mm



F8-143
18 mm



Cushing Hooklet Retractors
24 cm, 9 ½"



F8-144
11 x 14 mm



F8-145
13 x 18 mm



F8-146
15 x 22 mm



Cushing-Kocher Hooklet Retractors
18 cm, 7"



F8-147
10 x 10 mm



Desmarres Lid Retractors
16 cm, 6 ¼"



F8-148
7 x 8 mm



F8-149
9 x 10 mm



F8-150
9 x 12 mm



F8-151
11 x 14 mm



F8-152
13 x 16 mm

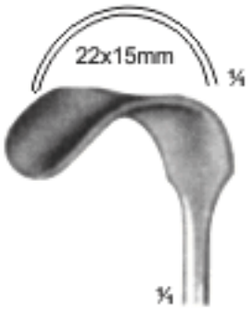


F8-153
13 x 18 mm

E-mail: najmmy@najmmy.com



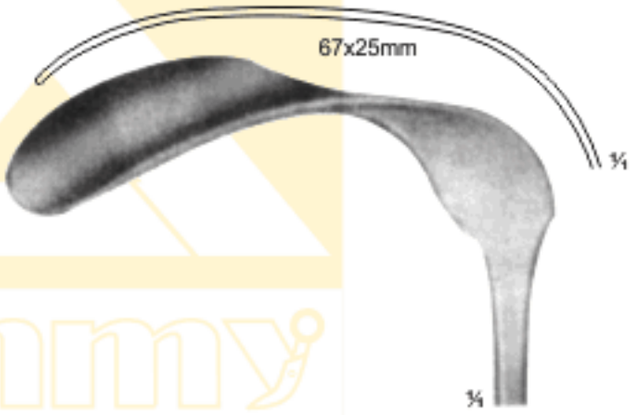
Kocher Retractor
28 cm 11"



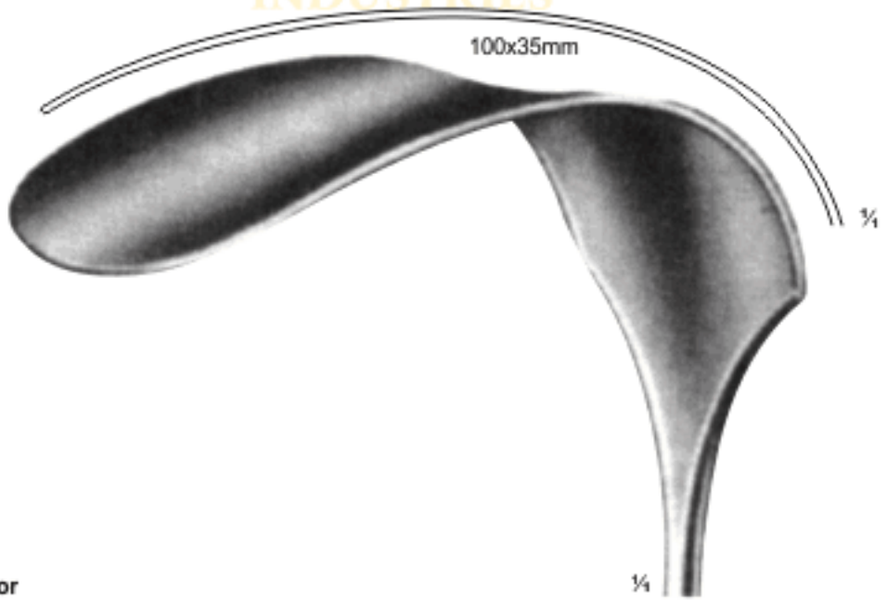
F8-154



F8-155

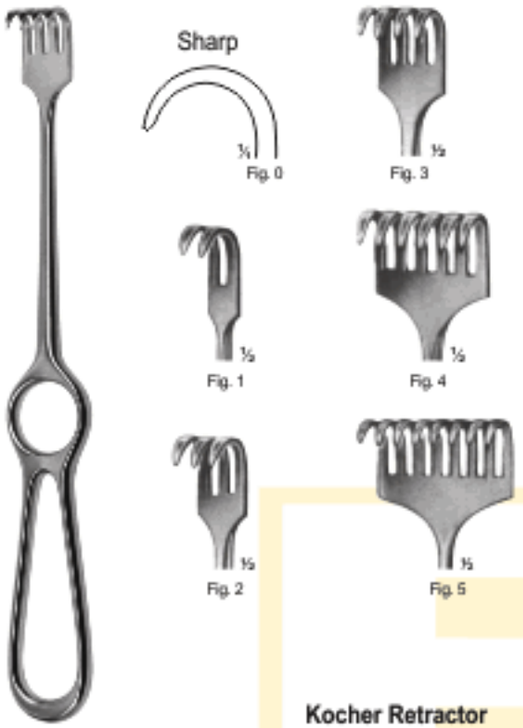


F8-156



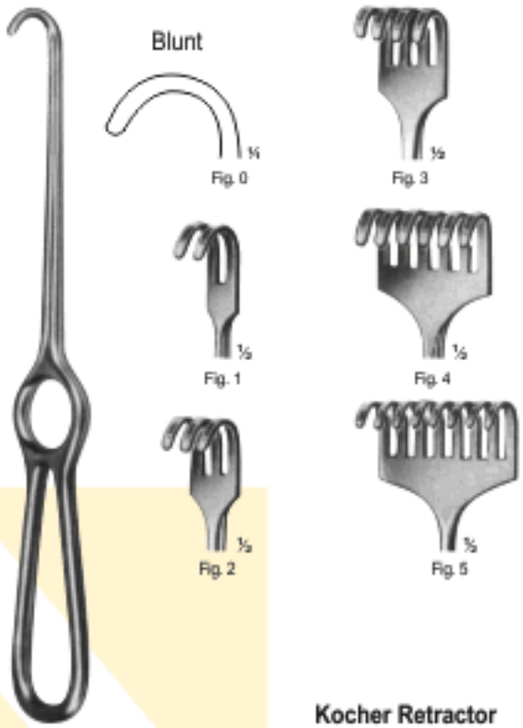
F8-157

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Kocher Retractor

F8-158	22 cm, 8 ¾"	15 x 10 mm	2 prong	Fig. 1
F8-159	22 cm, 8 ¾"	15 x 15 mm	3 prong	Fig. 2
F8-160	22 cm, 8 ¾"	15 x 20 mm	4 prong	Fig. 3
F8-161	22 cm, 8 ¾"	15 x 30 mm	6 prong	Fig. 4
F8-162	22 cm, 8 ¾"	15 x 40 mm	8 prong	Fig. 5



Kocher Retractor

F8-163	22 cm, 8 ¾"	15 x 10 mm	2 prong	Fig. 1
F8-164	22 cm, 8 ¾"	15 x 15 mm	3 prong	Fig. 2
F8-165	22 cm, 8 ¾"	15 x 20 mm	4 prong	Fig. 3
F8-166	22 cm, 8 ¾"	15 x 30 mm	6 prong	Fig. 4
F8-167	22 cm, 8 ¾"	15 x 40 mm	8 prong	Fig. 5



Kocher Retractor

F8-168	22 cm, 8 ¾"	15 x 10 mm	2 prong	Fig. 1
F8-169	22 cm, 8 ¾"	15 x 15 mm	3 prong	Fig. 2
F8-170	22 cm, 8 ¾"	15 x 20 mm	4 prong	Fig. 3
F8-171	22 cm, 8 ¾"	15 x 30 mm	6 prong	Fig. 4
F8-172	22 cm, 8 ¾"	15 x 40 mm	8 prong	Fig. 5



F8-173
19 x 12 mm

F8-174
21 x 15 mm

Kocher Retractor
19 cm, 7 ½"



Kocher-Langenbeck Retractor
21.5 cm, 8 ½"



F8-175
25 x 6 mm



F8-176
35 x 8 mm



F8-177
35 x 11 mm



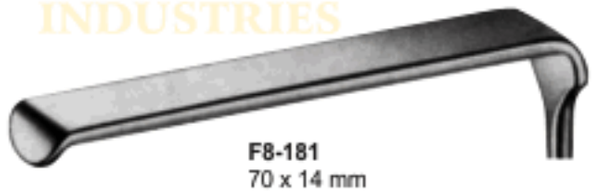
F8-178
35 x 15 mm



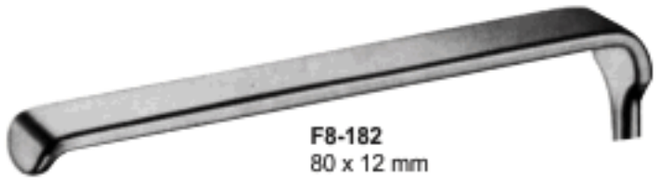
F8-179
40 x 11 mm



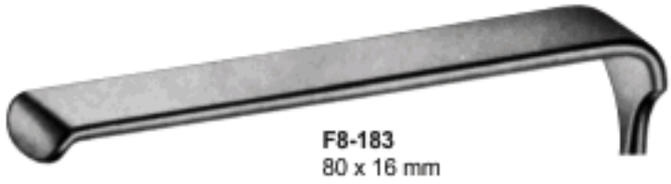
F8-180
55 x 11 mm



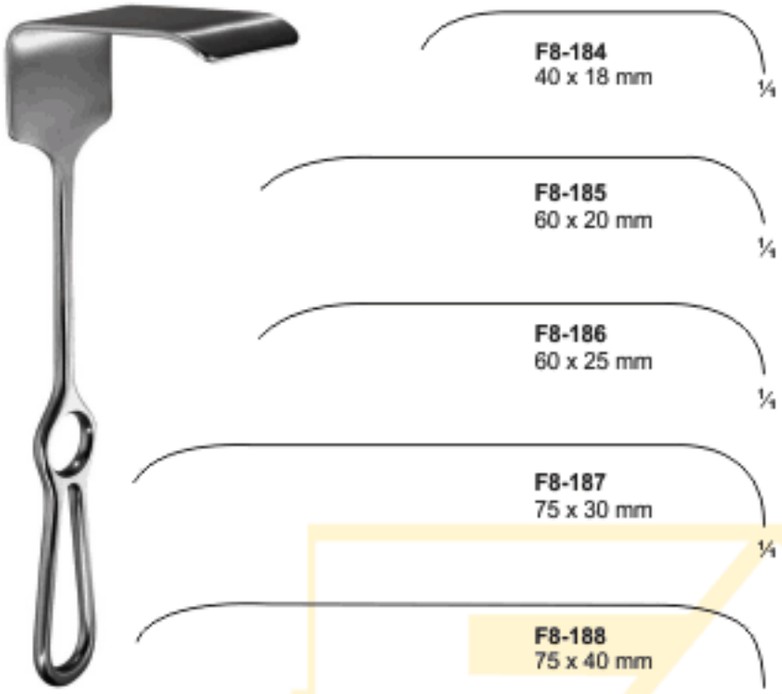
F8-181
70 x 14 mm



F8-182
80 x 12 mm



F8-183
80 x 16 mm



F8-184
40 x 18 mm
¼

F8-185
60 x 20 mm
¼

F8-186
60 x 25 mm
¼

F8-187
75 x 30 mm
¼

F8-188
75 x 40 mm
¼

Kocher Retractor
23 cm, 9"



Kocher Retractor
22 cm, 8 ½"
F8-189 40 x 10 mm
F8-190 40 x 15 mm
F8-191 40 x 20 mm



Kocher Retractor
F8-192
22.5 cm 8 ¾"
70 x 25 mm



Kocher Retractor
F8-193 23 cm, 9" 35 x 18 mm
F8-194 23 cm, 9" 60 x 20 mm
F8-195 23 cm, 9" 60 x 25 mm
F8-196 23 cm, 9" 75 x 30 mm
F8-197 23 cm, 9" 75 x 40 mm



Kocher Retractor
F8-198 25 cm, 9 ¾" 80 x 45 mm
F8-199 25 cm, 9 ¾" 80 x 55 mm
F8-200 25 cm, 9 ¾" 80 x 65 mm



Kocher-Wagner Retractor
28 cm, 11"



F8-201
22 x 15 mm
½



F8-202
38 x 20 mm
½



F8-203
67 x 25 mm
½



Langenbeck Retractor
F8-204
21.5 cm 8 ½"
Handle vertical
to the blade



Langenbeck Retractor
20.4 cm, 8"



F8-205
20 x 7 mm



F8-206
30 x 7 mm



F8-207
30 x 11 mm



F8-208
30 x 15 mm



F8-209
30 x 20 mm



F8-210
44 x 10 mm



F8-211
44 x 15 mm



F8-212
45 x 20 mm



F8-213
50 x 20 mm



F8-214
60 x 20 mm



Langenbeck Retractor
F8-215
21 cm 8 ¼"
38 x 9mm



Langenbeck Retractor
24 cm, 8 ¼"



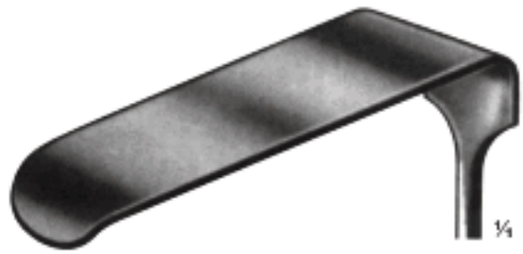
F8-216
35 x 7mm



F8-217
35 x 11mm



F8-218
35 x 15mm



F8-219
35 x 20mm



Langenbeck Retractor
22 cm, 8 ½"



F8-220
25 x 6 mm



F8-221
35 x 8 mm



F8-222
35 x 11 mm



F8-223
35 x 15 mm



F8-224
41 x 11 mm



F8-225
55 x 11 mm



F8-226
70 x 14 mm



Langenbeck Retractor
22 cm, 8 ½"



F8-227
25 x 6 mm



F8-228
35 x 8 mm



F8-229
35 x 11 mm



F8-230
35 x 15 mm



F8-231
41 x 11 mm



F8-232
55 x 11 mm



F8-233
70 x 14 mm



Middeldorpf Retractor
21 cm, 8 ¼"



F8-234
14 x 17 mm



F8-235
20 x 22 mm



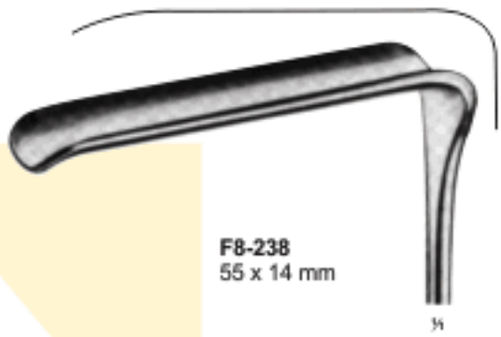
F8-236
26 x 30 mm



Caspar Retractor
21 cm, 8 ¼"



F8-237
40 x 12 mm



F8-238
55 x 14 mm



Ollier Retractor
F8-239
18.5 cm, 7 ¼"



Lahey Golter Retractor
F8-240 20.4 cm, 8"
Right angle blade, length
1 inch (2.5cm). With lip.



Lahey Retractor
F8-241
19 cm, 7 ½"

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Tendon Hooks Retractor
F8-242 12 x 6 mm Fig. 1
F8-243 12 x 11 mm Fig. 2
17.5 cm, 7"



Klapp Retractor
F8-244
17.5 cm, 7"
15 x 11 mm



Little Retractor
F8-245
20 cm, 8"
12x14 mm



Wassmund Retractor
F8-246
20 cm, 8"
33 x 20mm



Meyerding Finger Retractor
18 cm, 7"



F8-247
long blunt blade,
1/4" x 11/16"
6 x 17 mm Blunt



F8-250
long toothed blade,
3/16" x 5/8"
5 x 16mm



F8-248
short toothed blade
1/8" x 1/4"
3 x 6 mm



F8-251
short blunt blade,
1/8" x 3/8"
3 x 10mm



F8-249
curved blunt blade,
1/8" x 3/8"
3 x 8mm
Saddle Shaped



F8-252
curved three prong
sharp blade,
3/8" x 5/32"
10 x 4mm

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Blount Knee Retractor
F8-253
17.5 cm, 6 ¾"
42 x 4 mm



Taylor Spinal Retractors
F8-254 16.5 cm, 6 ½"
75 x 30 mm / 100 x 30 mm



Luer Retractor
F8-255 11 cm, 4 ¼"
10 x 8 mm / 12 x 11 mm



Rose Retractor
F8-256 13 cm, 5"
12 x 12 mm /
12 x 15 mm



Crile Retractor
F8-257 11 cm, 4 ¼"
12 x 4 mm /
20 x 6 mm



Mathieu Retractor
Set 2 pcs.
F8-258 20 cm, 8"
47 x 13 / 46 x 26 mm
F8-259 20 cm, 8"
42 x 13 / 42 x 26 mm



Us-Army Retractor
Set 2 pcs.
F8-260 21.5 cm, 8 ½"
28 x 15 / 42 x 15 mm
F8-261 21.5 cm, 8 ½"
25 x 15 / 38 x 15 mm



Richardson Eastman Retractor
F8-262
26 cm, 10 ¼"
small

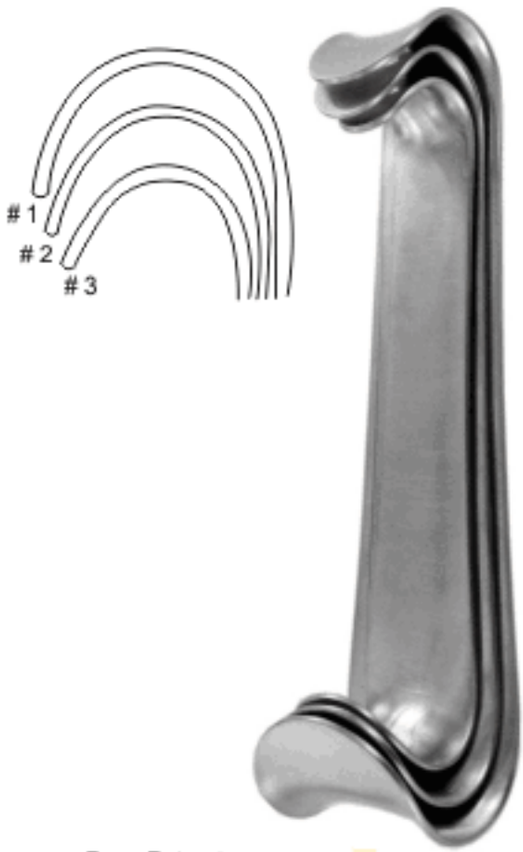


Richardson Eastman Retractor
F8-263
28 cm, 11"



Sofield Retractor
F8-264
set of 6 pec.

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Roux Retractor
Set 3 pcs. consisting of
1 **F8-265** 14 cm, 5 ½" 24 x 20 / 30 x 28 mm
2 **F8-266** 15 cm, 6" 29 x 26 / 36 x 36 mm
3 **F8-267** 17 cm, 6 ¾" 33 x 29 / 38 x 43 mm



Baby-Roux Retractor
F8-268 13 cm, 5"
15 x 15 mm/
18 x 21 mm



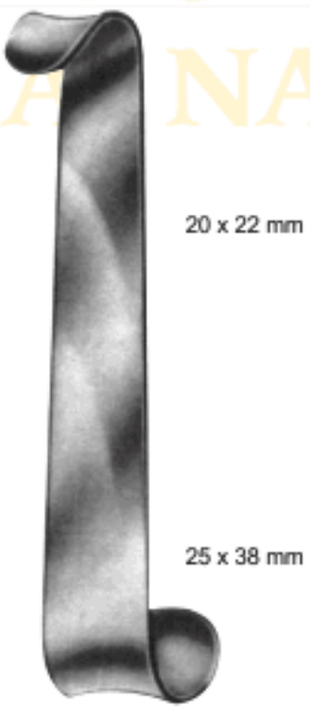
Roux Retractor
F8-269 16.5 cm, 6 ½"
28 x 23 mm/
43 x 23 mm



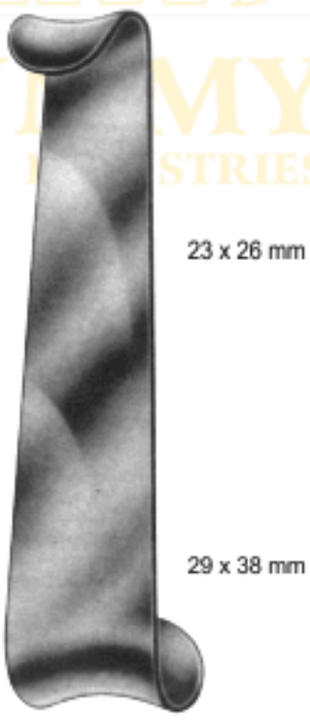
Roux Retractor
F8-270 18.5 cm, 7 ¼"
28 x 27 mm/
45 x 27 mm



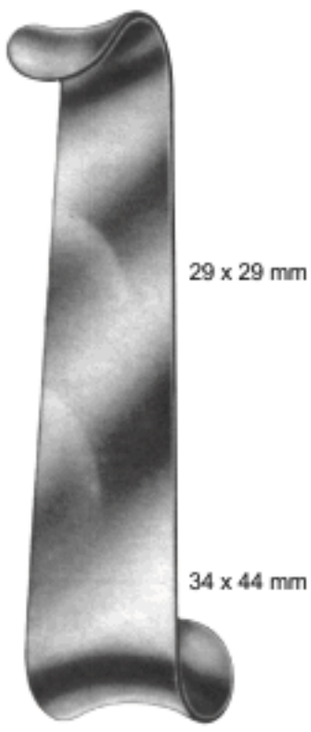
Mini-Roux Retractor
F8-271
14 cm, 5 ½"



Roux-Magnus Retractor
F8-272 15 cm, 6"
20 x 22 mm/
25 x 38 mm



Roux-Magnus Retractor
F8-273 16 cm, 6 ¼"
23 x 26 mm/
29 x 38 mm



Roux-Magnus Retractor
F8-274 17 cm, 6 ¾"
29 x 29 mm/
34 x 44 mm



Farabeuf Retractor
Set 2 Pcs.
F8-275 13 cm, 5"
30 x 10 / 34 x 13 mm
F8-276 13 cm, 5"
26 x 10 / 30 x 13 mm



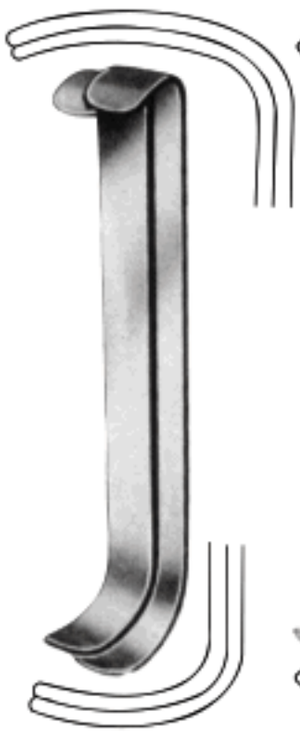
Farabeuf Retractor
Set 2 Pcs.
F8-277 15 cm, 6"
27 x 16 / 30 x 16 mm
F8-278 15 cm, 6"
23 x 16 / 26 x 16 mm



Parker Retractor
Set 2 pcs.
F8-279 13.5 cm, 5 ¼"
22 x 15 mm / 22 x 15 mm
F8-280
18.4 cm 7 1/4"



Parker Retractor
F8-281 13.5 cm, 5 ¼"
18 x 15 mm / 19 x 15 mm



Collin Retractor
Set 2 pcs.
F8-282 16.5 cm, 6 ½"
25 x 12 / 35 x 16 mm
F8-283 16.5 cm, 6 ½"
20 x 12 / 30 x 16 mm



Mayo-Collin Retractor
Set 2 pcs.
F8-284 15 cm, 6"
28 x 18 / 25 x 18 mm



Parker-Langenbeck Retractor
Set of 2 Pcs.
F8-285 21.5 cm, 8 ½" 25 x 15 mm fig. 2
F8-286 21.5 cm, 8 ½" 21 x 15 mm fig. 1
F8-287 21.5 cm, 8 ½" 40 x 15 mm fig. 1
F8-288 21.5 cm, 8 ½" 46 x 15 mm fig. 2



Parker-Mott Retractor
F8-289
16 cm 6 ¼"
68 x 24 / 74 x 24 mm



F8-290
Blunt, 2 prongs.
F8-291
Blunt, 3 prongs.
F8-292
Blunt, 4 prongs.
F8-293
Blunt, 5 prongs.
F8-294
Blunt, 6 prongs.

F8-295
Sharp, 2 prongs.
F8-296
Sharp, 3 prongs.
F8-297
Sharp, 4 prongs.
F8-298
Sharp, 5 prongs.
F8-299
Sharp, 6 prongs.

Volkmann Retractors
Long Pattern
22.2 cm, 8 1/4"





Koerte Retractor
F8-300 24 cm, 9 ½"
26 x 40 mm
blunt

Koerte Retractor
F8-301 24 cm, 9 ½"
26 x 40 mm
sharp



Koerte Retractor
F8-302 23 cm, 9"
46 x 55 mm
blunt



Koerte Retractor
F8-303 28 cm, 11"
25 x 40 mm
semi-sharp



Koerte Retractor
F8-304 23 cm, 9"
Blunt



Korte-Wagner Retractor
F8-305 28 cm, 11"
Sharp

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F8-306
115 x 65 mm
F8-307
115 x 38 mm
F8-308
82 x 22 mm
F8-309
130 x 38 mm
F8-310
72 x 20 mm
F8-311
55 x 23 mm
F8-312
45 x 15 mm
Coryllos Retractor
22.5 cm, 8 ¾"
Sauerbruch Retractor
25 cm, 10"
Davidson Retractor
F8-313 16 cm, 6 ¼" 75 x 50 mm
F8-314 16 cm, 6 ¼" 75 x 90 mm

F8-315
180 x 30 mm

F8-316
160 x 30 mm

F8-317
140 x 30 mm

F8-318
130 x 30 mm

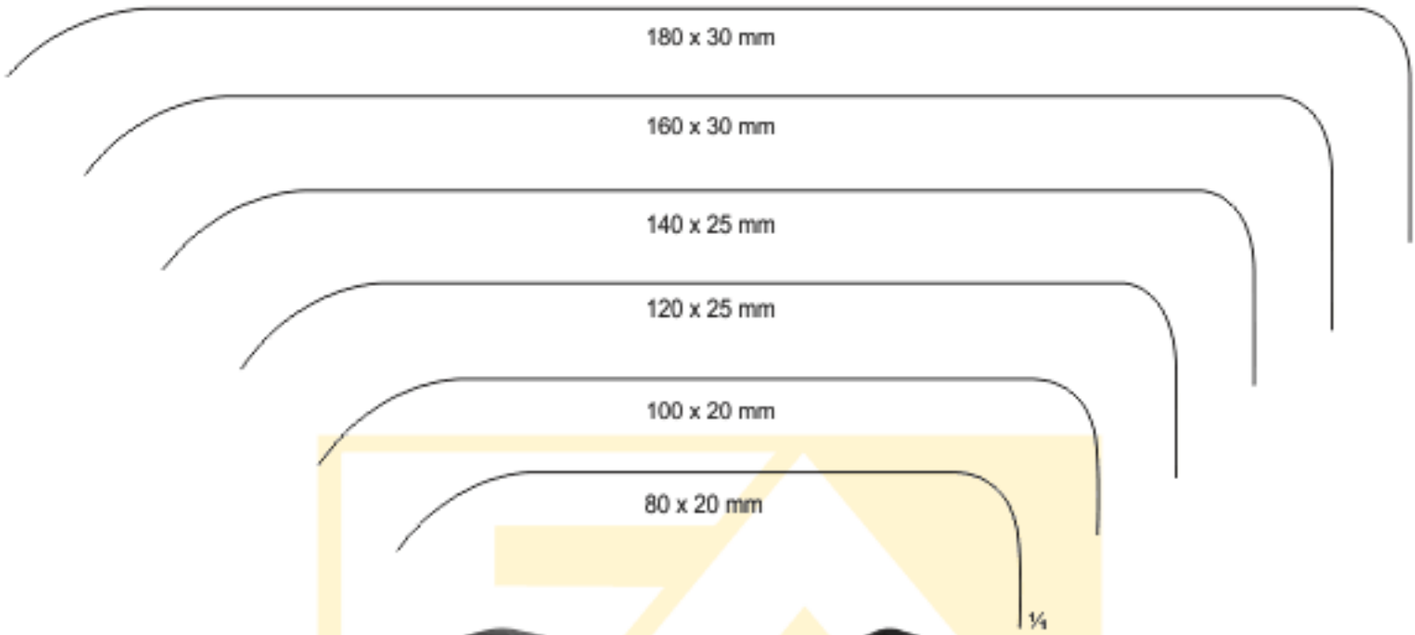
F8-319
120 x 25 mm

F8-320
100 x 25 mm

F8-321
80 x 20 mm



Bruner Retractor
25 cm, 10"





F8-322	80 x 20 mm
F8-323	100 x 20 mm
F8-324	120 x 25 mm
F8-325	140 x 25 mm
F8-326	160 x 30 mm
F8-327	180 x 30 mm

Brunner Retractor
24 cm, 9 ½"



F8-328	80 x 20 mm
F8-329	100 x 20 mm
F8-330	120 x 25 mm
F8-331	140 x 25 mm
F8-332	160 x 30 mm
F8-333	180 x 30 mm

Brunner Retractor
24 cm, 9 ½"

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Deaver Retractor
F8-334
18 cm, 7"

Deaver Retractor
F8-335
21.5 cm, 8 ½"

Deaver Retractor
F8-336
23 cm, 9"

Deaver Retractor
F8-337
30 cm, 11 ¾"

Deaver Retractor
F8-338
33 cm, 13"

Deaver Retractor
F8-339
36 cm, 13 ½"

38 mm



Deaver Retractor
F8-340
30 cm, 11 ¾"

50 mm



Deaver Retractor
F8-341
30 cm, 11 ¾"

75 mm



Deaver Retractor
F8-342
30 cm, 11 ¾"



S-Shaped Retractor
F8-343
21 cm, 8 ¼"
12 mm



Mikulicz Retractor
26 cm, 10 ¼"
F8-344
85 x 50 mm



Kelly Retractor
27 cm, 10 ½"
F8-345
190 x 38 mm
F8-346
190 x 57 mm



Mikulicz Retractor
26 cm, 10 ¼"
F8-347
95 x 35 mm



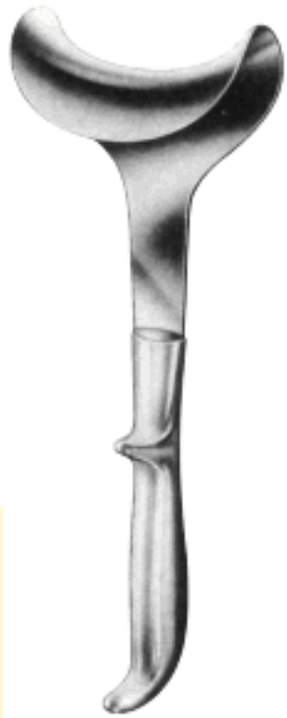
Mikulicz Retractor
26 cm, 10 ¼"
F8-348
120 x 50 mm
F8-349
150 x 50 mm



Cheek-And Lip Retractor
19 cm, 7 ½"
F8-350
Movable



Tuffier Retractor
23 cm, 9"
F8-351 55 x 63 mm



Doyen Retractor
25 cm, 10"
F8-352 50 x 85 mm



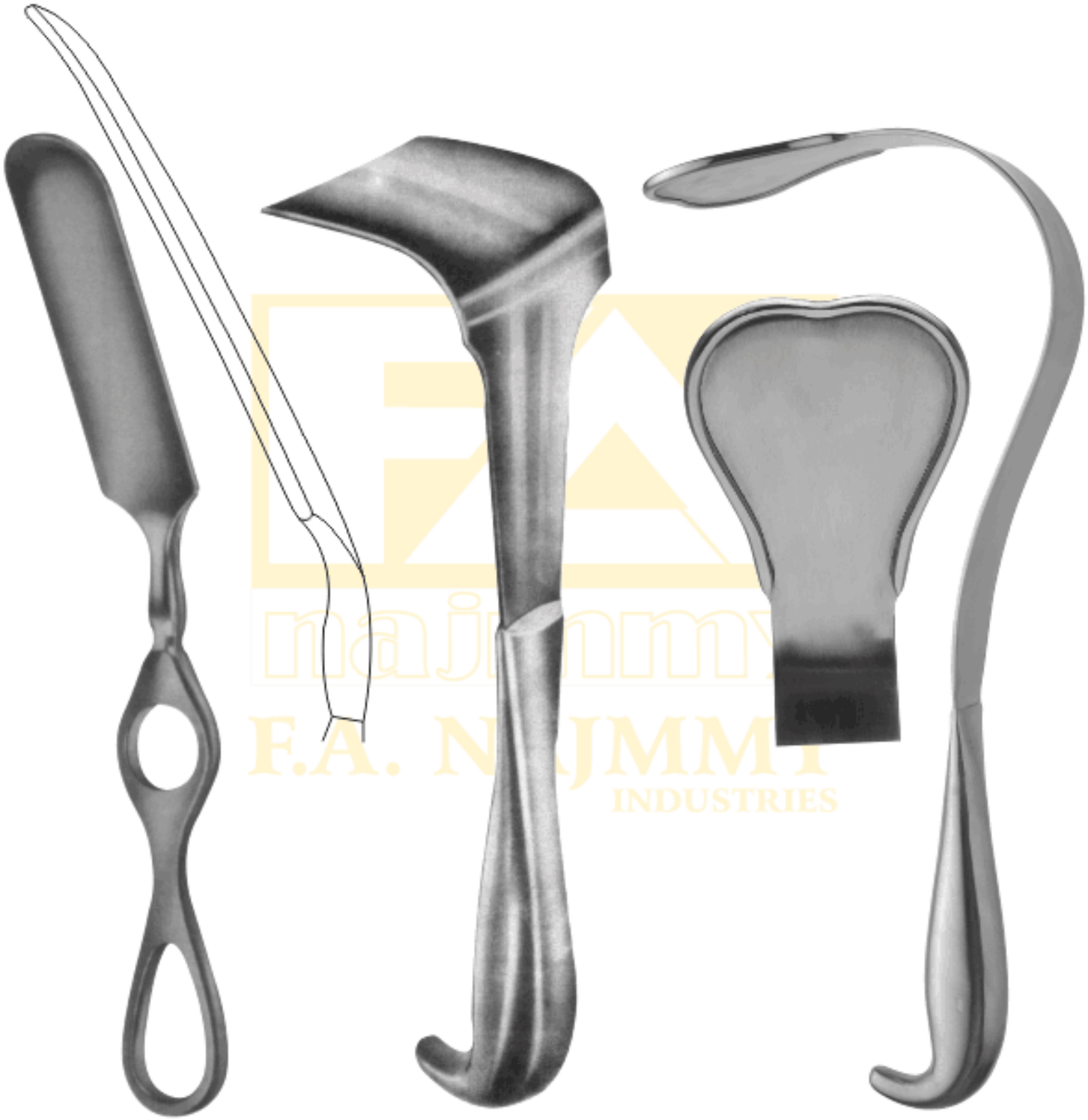
Fritch Retractor
F8-353
2.75 x 2 mm



Fritsch Retractor
24 cm, 9 ½"
F8-354 35 x 40 mm



Fritsch Retractor
F8-355 24 cm, 9 ½" 30 x 30 mm
F8-356 24 cm, 9 ½" 32 x 40 mm
F8-357 24 cm, 9 ½" 40 x 50 mm
F8-358 24 cm, 9 ½" 40 x 60 mm
F8-359 24 cm, 9 ½" 45 x 75 mm
F8-360 24 cm, 9 ½" 65 x 85 mm



Mikulicz Retractor
F8-361 29 cm 11.5"

Tuffier Retractor
F8-362 23 cm 9"
64 x 60mm

Harrington Retractor
32 cm, 12 ¾"
F8-363
127 x 40 mm
F8-364
127 x 62 mm

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Harrington Extra Deep Retractor
F8-365 30.0cm 11 3/4"
Hollow handle, 5.7cm 2 ¼
width x 20.5cm 8" depth blade

Harrington Splanchnic Retractor
F8-366 31.5cm 12 1/2"
Hollow handle, 3.8cm 1 1/2"
width x 12.0cm 4 3/4"
depth blade

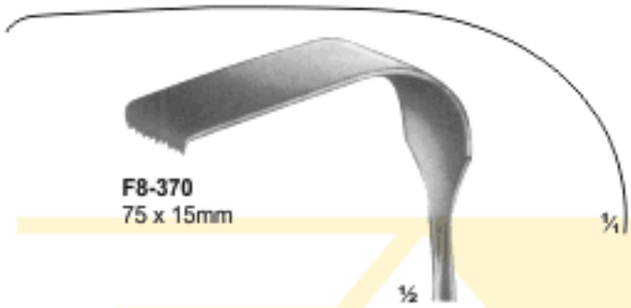
Debakey-Cooley Retractor
F8-367 31.0cm 12 1/4"
Hollow handle, 5.7cm 2 1/4"
width x 18.4cm 7 1/4"
depth blade



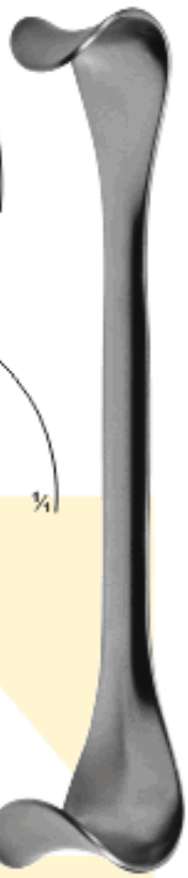
Meyerding Retractor
F8-368
22.5 cm, 9"
75 x 25mm



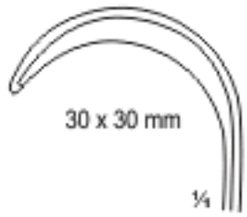
F8-369
50 x 16mm

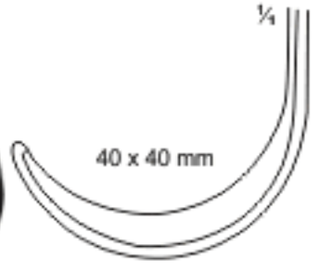


F8-370
75 x 15mm



Goelet Retractor
F8-371
19 cm 7 ½"
Double Ended







Kaye-Millard Retractor
F8-372
8 cm, 3 ¼"



Richardson/Kelly Retractor
24 cm, 9 ½"



F8-373
5 x 31mm



F8-374
19 x 51mm



F8-375
38 x 51mm



F8-376
64 x 76mm

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Ross Retractor
25.5 cm, 10"



F8-377
Fig.01



F8-378
Fig.02



F8-379
Fig.03



F8-380
Fig.04



F8-381
Fig.05



½

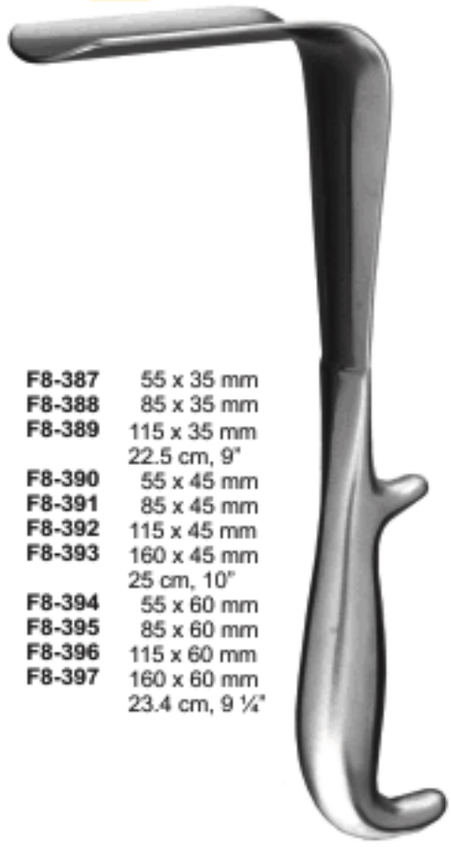
F8-382
Fig.06



Weinberg Vagotomy Retractor (joe's Hoe)
F8-383
20 cm, 8"
Blade 102 x 165 mm wide



Turner-Doyen Retractors
23.5 cm 9 ½"
F8-384
Blade 140 x 60 mm wide
F8-385
Blade 76 x 140 mm wide
F8-386
Blade 165 x 76 mm wide



F8-387	55 x 35 mm
F8-388	85 x 35 mm
F8-389	115 x 35 mm 22.5 cm, 9"
F8-390	55 x 45 mm
F8-391	85 x 45 mm
F8-392	115 x 45 mm
F8-393	160 x 45 mm 25 cm, 10"
F8-394	55 x 60 mm
F8-395	85 x 60 mm
F8-396	115 x 60 mm
F8-397	160 x 60 mm 23.4 cm, 9 ¼"

Doyen Vaginal Retractors



Sawyer Retractors
F8-398
Small Blade 70 mm x 19 mm wide
23 cm 9"
F8-399
Medium Blade 82 mm x 29 mm wide
25 cm 10"
F8-400
Large Blade 22 mm X 64 mm
27.9 cm 11"
F8-401
Large Blade 38 mm X 89 mm
27.9 cm 11"



Ferguson-Moon Rectal Retractors
F8-402
Blade 60 mm x 24 mm wide
23 cm 9"
F8-403
Blade 75 mm x 35 mm wide
25 cm 10"



Hill Ferguson Rectal Retractors
F8-404
Blade 64 mm x 24 mm wide
23 cm 9"
F8-405
Blade 76 mm x 32 mm wide
23 cm 9"
F8-406
Blade 76 mm x 35 mm wide
25 cm 10"



F8-407 24 cm 9 ½"
50 x 40 mm wide
F8-408 24 cm 9 ½"
65 x 50 mm wide
F8-409 25 cm 10"
75 x 65 mm wide
F8-410 25 cm 10"
90 x 75 mm wide

Kelly Retractors



Richardson Retractors



F8-411 24 cm 9 ½"
Blade 25 x 20 mm wide



F8-412 24 cm 9 ½"
Blade 36 x 28 mm wide
F8-413 24 cm 9 ½"
Blade 44 x 28 mm wide



F8-414 25 cm 10"
Blade 52 x 22 mm wide
F8-415 25 cm 10"
Blade 70 x 52 mm wide



Kelly Retractor
F8-416
25 cm, 10"
55 x 50 mm



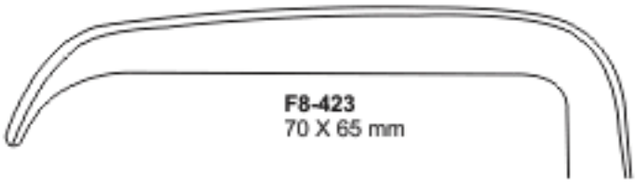
Richardson-Eastman Retractor
25.0 cm 10", Set of 2 piece



Richardson Retractor
24.0 cm 9.5"



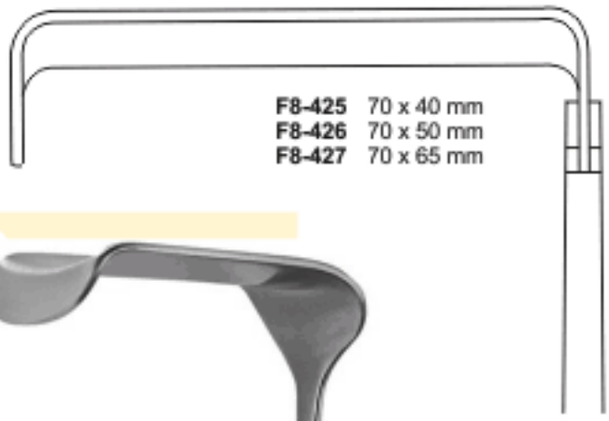
Richardson Retractor
F8-422
24.0 cm 9.5"



F8-423
70 X 65 mm



F8-424
64 X 54 mm



F8-425 70 x 40 mm
F8-426 70 x 50 mm
F8-427 70 x 65 mm



Kelly Retractor
26.0 cm 10 ¼"



Morris Retractor
24.5 cm 9 ¾"



Item	Description	Tip
F8-428	20 cm, 8"	12 mm
F8-429	20 cm, 8"	17 mm
F8-430	20 cm, 8"	25 mm
F8-431	33 cm, 13"	25 mm
F8-432	33 cm, 13"	32 mm
F8-433	33 cm, 13"	40 mm
F8-434	33 cm, 13"	50 mm

Malleable Retractor



Ribbon Retractor
F8-435
20 cm, 8"
Width 4 cm



Ribbon Retractor
F8-436
20 cm, 8"
Width 2.5 cm



Tuffier / Haberer Retractor
F8-437 20 cm, 8" 17 x 25 mm
F8-438 28 cm, 11" 25 x 30 mm
F8-439 30 cm, 11 ¾" 37 x 45 mm
malleable



Reverdin Retractor
F8-440 28 cm, 11"
46 x 60 mm



Reverdin Retractor
F8-441 29 cm, 11 ½"

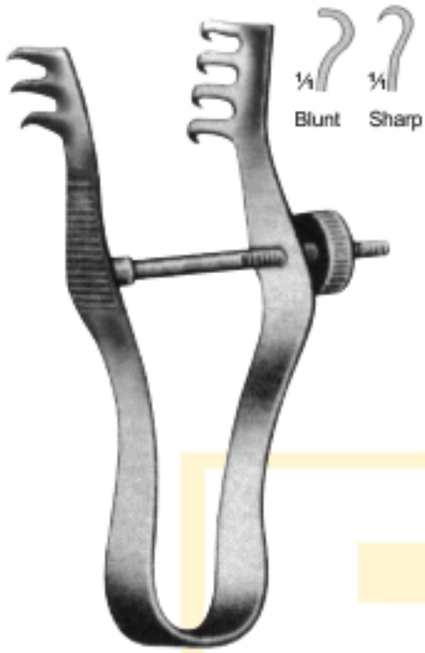


Blood Scoop
F8-442 15 cm, 6"

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Heiss Retractor
F8-443 10 cm, 4"
Sharp 4:4
F8-444 10 cm, 4"
Blunt 4:4



Finsen Retractor
F8-445 7 cm, 2 ¾"
3 x 4 teeth, sharp
F8-446 7 cm, 2 ¾"
3 x 4 teeth, Blunt



Finsen Retractor
F8-447 5 cm, 2"
2 x 3 teeth sharp/blunt
F8-448 7 cm, 2 ¾"
2 x 3 teeth sharp/blunt



Buckley Retractor
F8-449
6 cm, 2 ½"



Lancaster Eye Speculum
F8-450
8.3 cm 3 1/4",
blades 15 X 5 mm



Castroviejo Eye Speculum
F8-451
9.5 cm 3 3/4",
medium blades
15 X 5 mm O.D.



Wire Retaining Retractor
F8-452 8.5 cm, 3 ½" 3 x 3 Prong
F8-453 8.5 cm, 3 ½" 1 x 1 Prong Sharp



Farr Wire Retractcor
F8-454 14 cm 5 1/2"
prongs 1.9 cm 3/4"



ALM Retractor
F8-455 7 cm, 2 ¾"
4 x 4 teeth sharp/blunt
F8-456 10 cm, 4"
4 x 4 teeth sharp/blunt

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Jansen Retractor
F8-457 10 cm, 4"
Sharp 3x3
F8-458 10 cm, 4"
Blunt 3x3



Houzel Retractor
F8-459 29 cm, 11 ½"



Mollison Retractor
F8-460 15 cm, 6"
sharp



Markham/Meyerding Retractor
F8-461 18 cm, 7" Blade 55 x 25 mm Left
F8-462 18 cm, 7" Blade 55 x 25 mm Right



Milligan Retractor
F8-463 13 cm, 5"
18.5 mm x 20 mm
Blunt, 3x3



Darling Retractor
F8-464 18 cm, 7"
40 x 76/25 x 54 mm
F8-465 18 cm, 7"
25 x 64/40 x 76 mm
Laminectomy Retractors
1 blade toothed

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Debakey Gelpi Retractor
F8-466 13.5cm 5 3/8"
Spread 3 1/8" 8cm, Sharp,



F8-467 9 cm, 3 ½"
6 mm Sharp
F8-468 11 cm, 4 ¼"
10 mm Sharp
F8-469 14 cm, 5 ½"
10 mm Sharp
F8-470 16 cm, 6 ½"
10 mm Sharp
F8-471 19 cm, 7 ½"
10 mm Sharp

Gelpi-Loktite Retractor



Gelpi-Perineal Retractor
F8-472 17.8 cm, 7"
ball stops on sharp tenaculum prongs,
arm length4-3/4"12.1cm



Gelpi-Loktite Retractor
F8-473 9 cm, 3 ½" 6 mm Sharp CROSS OVER
F8-474 11 cm, 4 ¼" 10 mm Sharp CROSS OVER
F8-475 14 cm, 5 ½" 10 mm Sharp CROSS OVER
F8-476 16 cm, 6 ½" 10 mm Sharp CROSS OVER
F8-477 19 cm, 7 ½" 10 mm Sharp CROSS OVER



Seletz-Gelpi Retractor
F8-478 17.8cm, 7"
modified with long
curve in shanks



Schuhknecht Retractor
F8-479 Sharp
F8-480 Blunt
14 cm, 5 ½"



Wullstein Retractor

F8-481	**F8-484**	10.5 cm, 4"
F8-482	**F8-485**	13.0 cm, 5"
F8-483	**F8-486**	16.0 cm, 6 ¼"
Sharp	Blunt	



Travers Retractor
F8-487
21 cm, 8 ¼" Blunt



Righby Retractor

F8-488	35 x 20 mm
F8-489	60 x 20 mm
F8-490	65 x 15 mm

18 cm, 7"



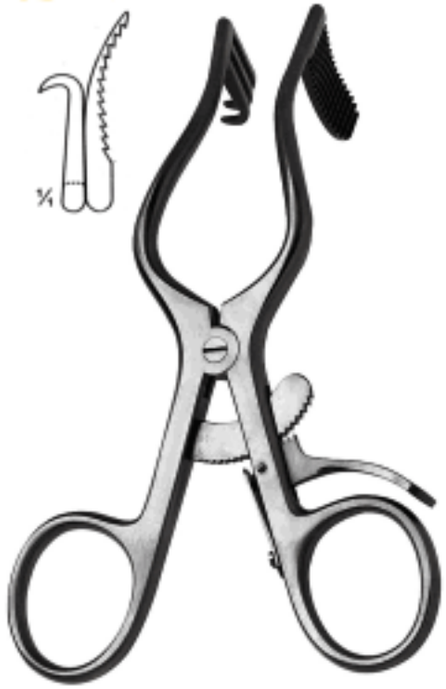
Weitlaner Retractor
F8-491
13.0 cm 5.25"
Sharp



Weitlaner Retractor
F8-492
16.5 cm 6.5"
Sharp



Plester Retractor
F8-493
11.0 cm 4.25"
Blunt



Perkins Retractor
F8-494
13.0 cm 5.25"



Weitlaner Retractor
F8-495
11.0 cm
Sharp



Weitlaner Retractor
F8-496
11.0 cm
Semi-Sharp



Weitlaner Retractor
F8-497
11.0 cm
Blunt



Weitlaner Retractor
F8-498
13.0 cm
Sharp



Weitlaner Retractor
F8-499
13.0 cm
Semi-Sharp



Weitlaner Retractor
F8-500
13.0 cm
Blunt



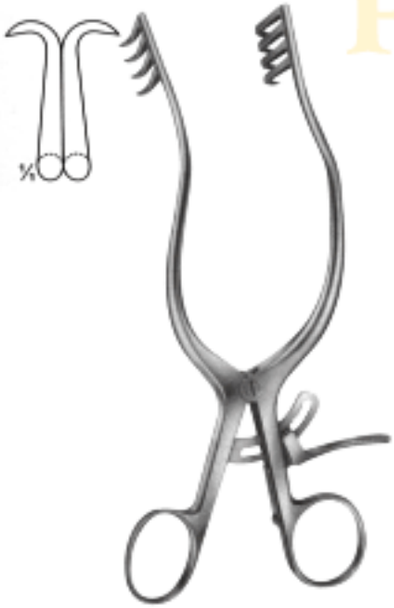
Kolbel Soft Tissue Retractor
F8-501 18.0cm 7"
Angled, 2 x 2 Pronged



Meyerding Retractor
F8-502 16.5cm 6 1/2"
F8-503 24.1cm 9 1/2" Large Blade
8.9 cm 3 1/2" X 5.1 cm 2"
F8-504 24.1 cm 9 1/2" Small Blade
5.1 cm 2"X1.6 cm 5/8"



D'Errico-Adson Retractor
F8-505 19.0cm 7 3/8"
4 X 4-pronged,
2.0cm 3/4" depth blade
Sharp



Anderson-Adson Retractor
F8-506 19.0 cm 7 ½"
Sharp



Norfolk & Norwich Retractor
F8-507 22.0 cm 8 ¾"
Blunt



Adson Retractor
F8-508
19.1 cm 7-1/2" sharp,
4 X 4 teeth straight Arms



Adson Retractor
F8-509 26.5 cm 10 ¼"
Sharp



Beckman-Weitlaner Retractor
F8-510
16.5cm 6 1/2"
3 x 4 Sharp prongs



Beckman-Weitlaner Retractor
F8-511
16.5cm 6 1/2"
3 x 4 Blunt prongs



Cone Retractor

F8-512 31 cm, 12"
3x4 Blunt prongs,
13 mm x 14.5 mm
F8-513 16.5 cm, 6 ½"
17 mm x 19 mm
3x4 Sharp prongs,
F8-514 16.5 cm, 6 ½"
17 mm x 19 mm
3x4 Blunt prongs,
F8-515 20 cm, 8"
21 mm x 210 mm
3x4 Blunt prongs,



Beckman Retractor
F8-516 31.7cm 12 1/2"
Spread 3.5cm 5 3/8" 4 x 4
Sharp prongs, Arm length
8.5cm 3 3/8"



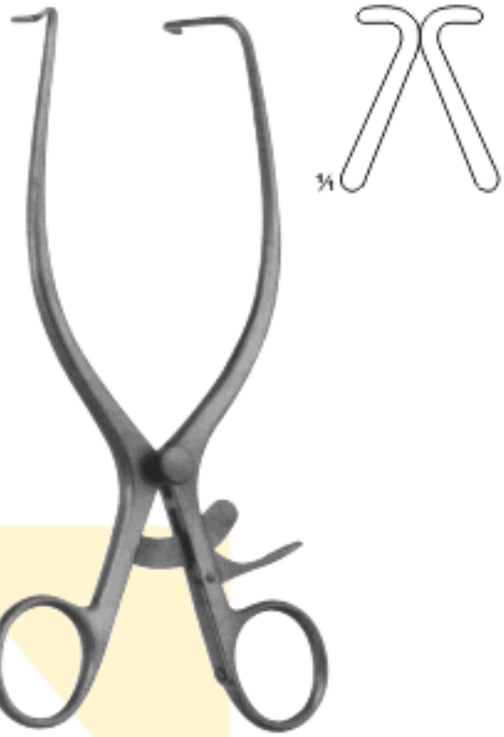
Beckman Retractor
F8-517 31.1cm 12 1/4"
4 x 4 Sharp prongs 27mm,
Side Blade 1.7cm 5/8" deep,



Beckman Retractor
F8-518 31.1cm12 1/4"
4 x 4 Blunt prongs 27mm,
Side Blade 1.7cm 5/8" deep,



Joll (Friedman)
F8-519 15.5 cm, 6 ½"
Thyroid- and Veginal Retractor



Jackson Burrows Retractor
F8-520 18.5 cm, 7"
Blunt



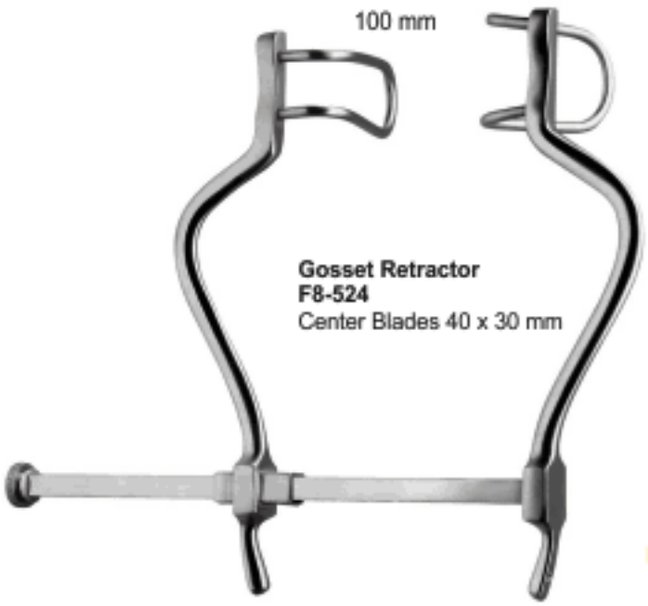
Gelpi Veginal Retractor
F8-521 13.5 cm, 5"



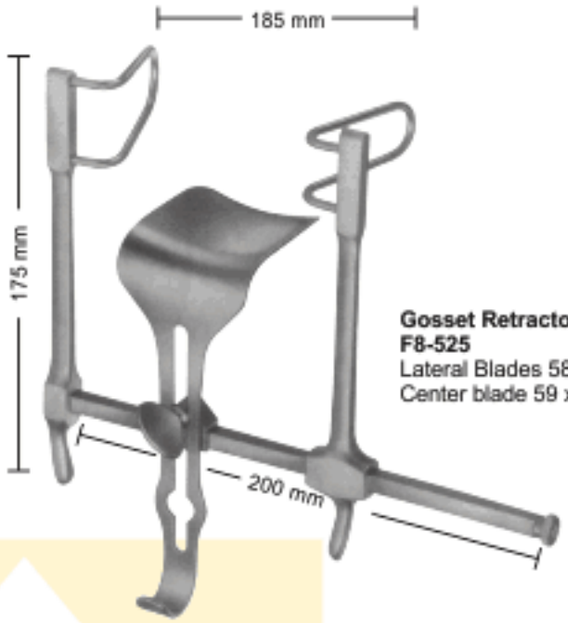
Gelpi Skin & Veginal Retractor
F8-522 17.5 cm, 7"



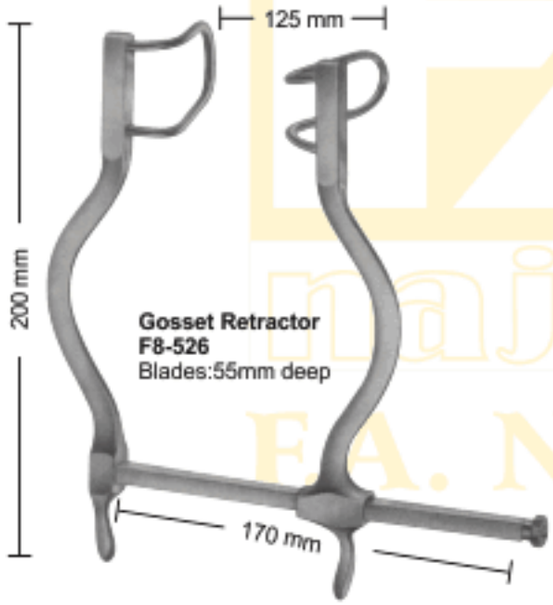
De Bakey Femur Retractor
F8-523 14.5 cm, 4 ½"



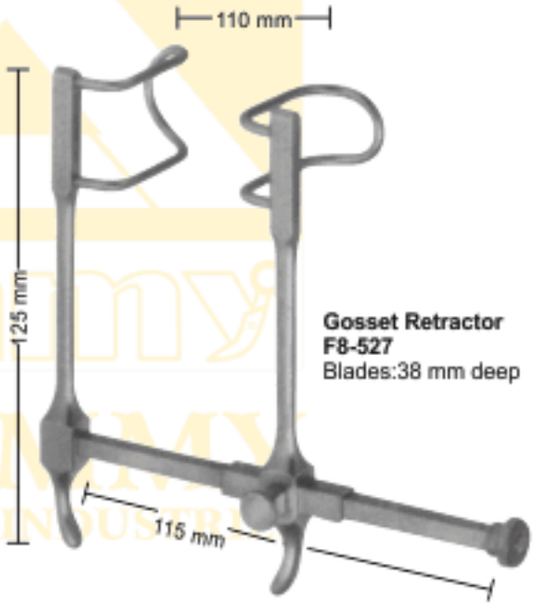
Gosset Retractor
F8-524
Center Blades 40 x 30 mm



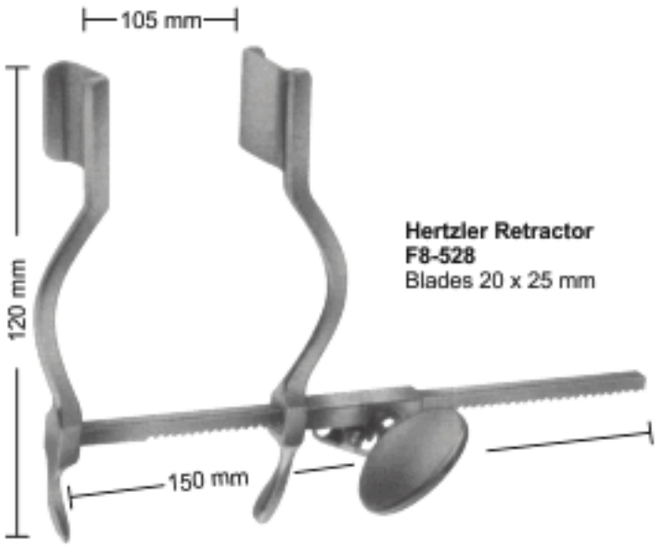
Gosset Retractor
F8-525
Lateral Blades 58 mm deep
Center blade 59 x 57 mm



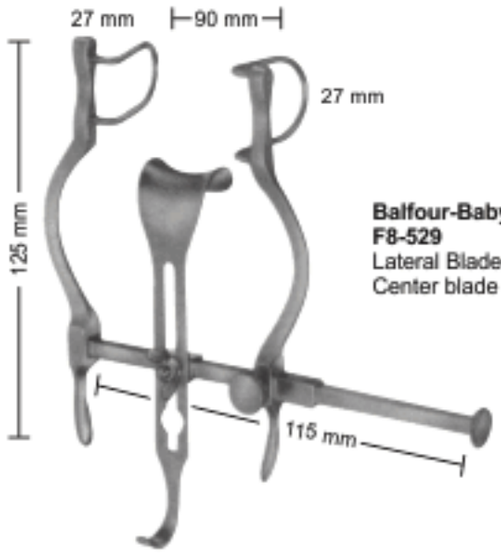
Gosset Retractor
F8-526
Blades:55mm deep



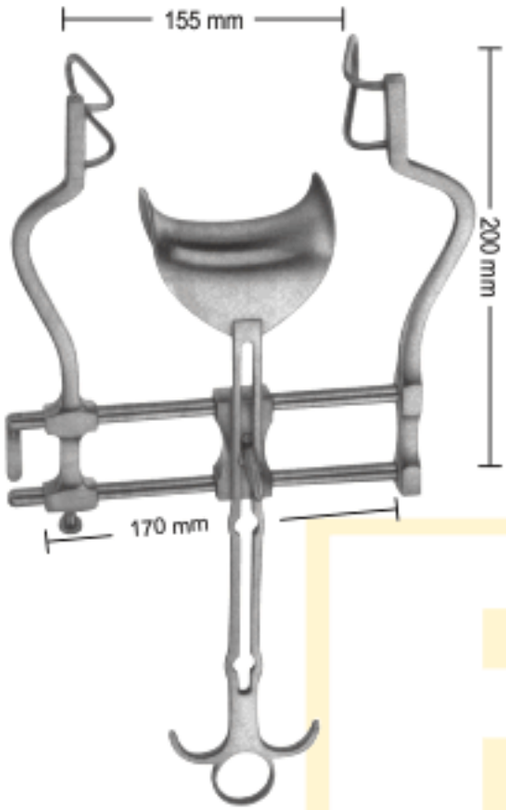
Gosset Retractor
F8-527
Blades:38 mm deep



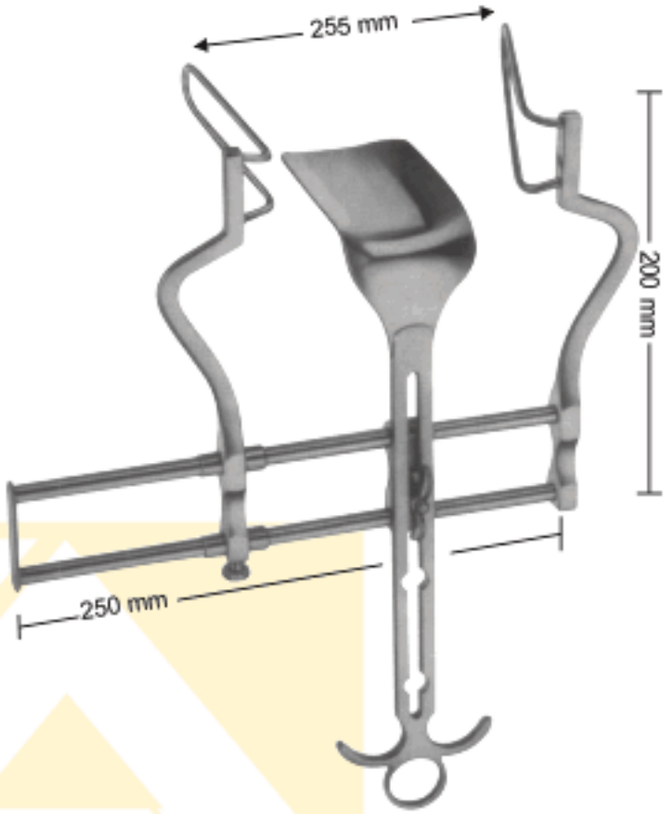
Hertzler Retractor
F8-528
Blades 20 x 25 mm



Balfour-Baby Retractor
F8-529
Lateral Blades 27 mm deep
Center blade 21 x 24 mm



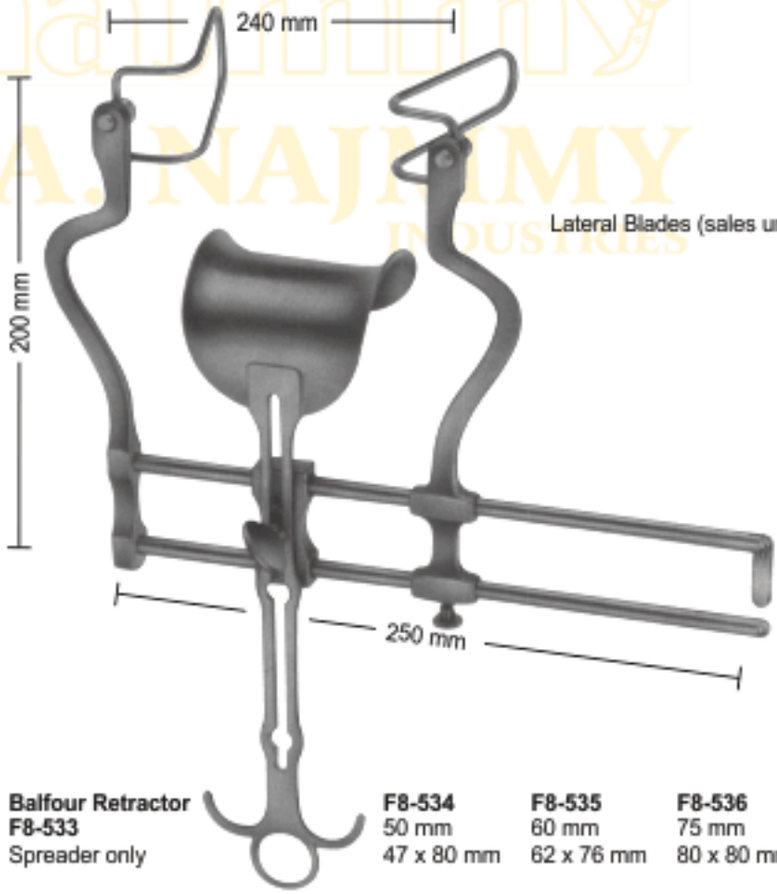
Balfour Retractor
F8-530
Lateral blades 60 mm deep
Center blade 47 x 80 mm



Balfour Retractor
F8-531
Lateral blades 105 mm deep
Center blade 107 x 59 mm



F8-532
Center blade only
54 x 80 mm



Balfour Retractor
F8-533
Spreader only

Lateral Blades (sales unit of blades in pairs)

F8-534	F8-535	F8-536	F8-537
50 mm	60 mm	75 mm	90 mm
47 x 80 mm	62 x 76 mm	80 x 80 mm	80 x 80 mm



O'Sullivan/O'Connor Retractor
F8-538 (Set includes frame & 3 blades)
F8-539 Frame Only (not pictured)



F8-540
Single Retractor Blade
110 x 70 mm



F8-541
Set of 2 Retractor Blade
80 x 45 mm

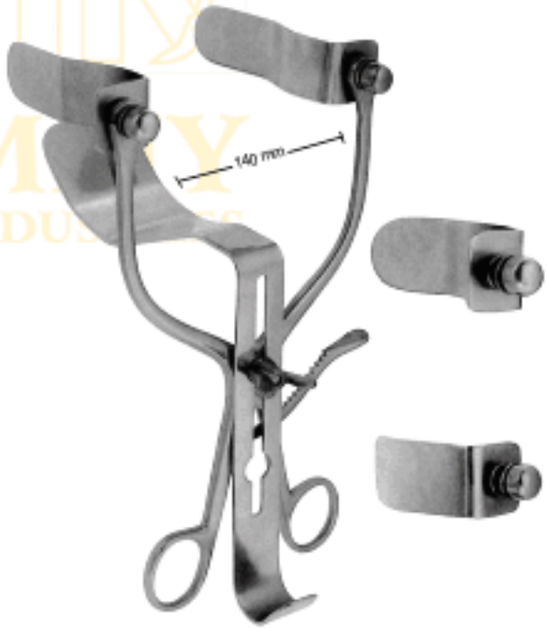


F8-542
Center Blade
45 x 80 mm
70 x 85 mm

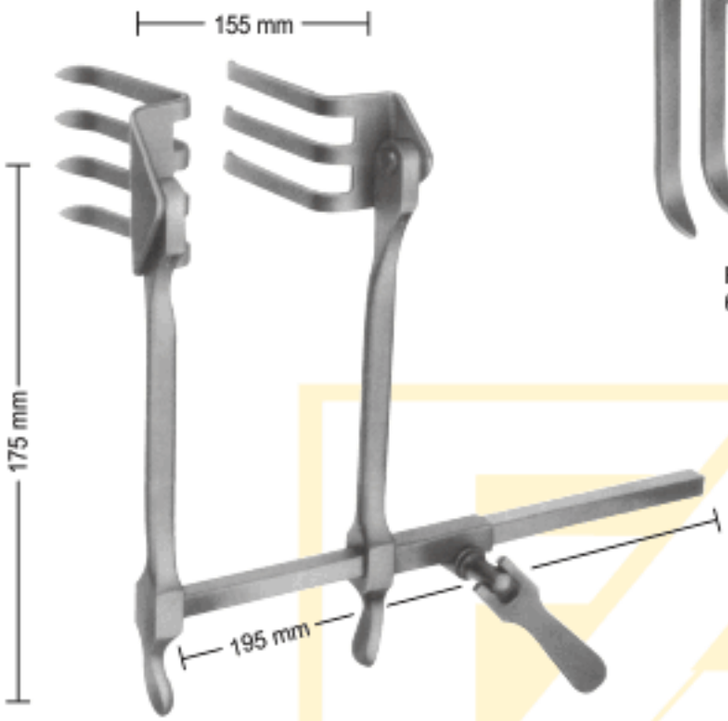
Sizes of These Blades to Same as about Blades.



F8-543
Center Blade
100 x 60 mm



Collin Retractor
F8-544 Complete
F8-545 Spreader only
F8-546 Blades 55 x 25 mm
F8-547 Blades 80 x 25 mm
F8-548 Center Blade
115 x 45 mm



Scoville-Richter Retractor
F8-549 Complete with 1 pair blades.
F8-550 Frame only.
The Retractor bar and shanks may be easily rotates 180 when blades are in situ.



F8-553
62 x 52 mm



F8-554
62 x 37 mm



F8-555
47 x 51 mm



F8-556
30 x 40 mm



F8-557
37 x 62 mm



Initial Incision Retractor
F8-558 30cm 11 3/4"
Complete

najmmy
F.A. NAJMMY
INDUSTRIES



Collin Retractor
F8-559 20 cm, 8"
complete with 2 lateral blades and central blade



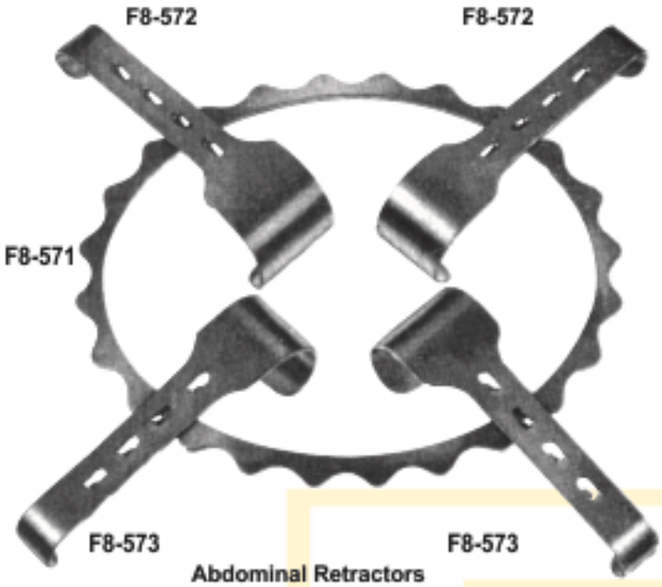
Legueu Retractor
F8-560
17 cm, 6 ¾"



Doyen Retractor
F8-561 48 mm x 90 mm
F8-562 48 mm x 105 mm
F8-563 48 mm x 120 mm
F8-564 48 mm x 135 mm
28 cm , 11"



Rochard Retractor
F8-565 48 mm x 90 mm
F8-566 48 mm x 105 mm
F8-567 48 mm x 120 mm
F8-568 48 mm x 135 mm
F8-569 48 mm x 155 mm
31 cm, 12"



Abdominal Retractors
for new-born and children

Denis-Browne Retractor
F8-570 Complete with 4 blades

F8-571 Frame 190 x 160 mm
F8-572 2 blades only 40 x 30 mm
F8-573 2 blades only 40 x 40 mm

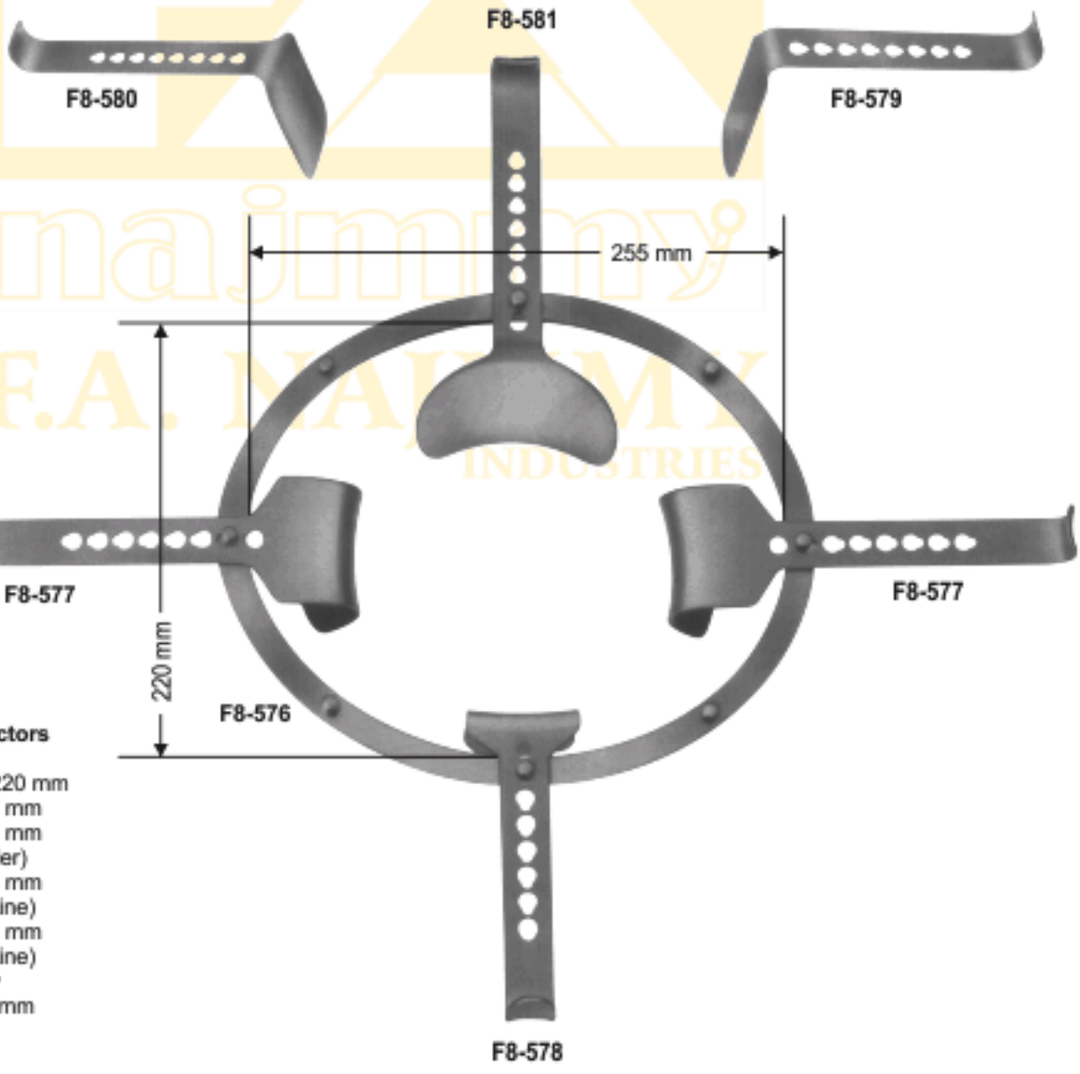
F8-574
Blades only 20 x 30 mm



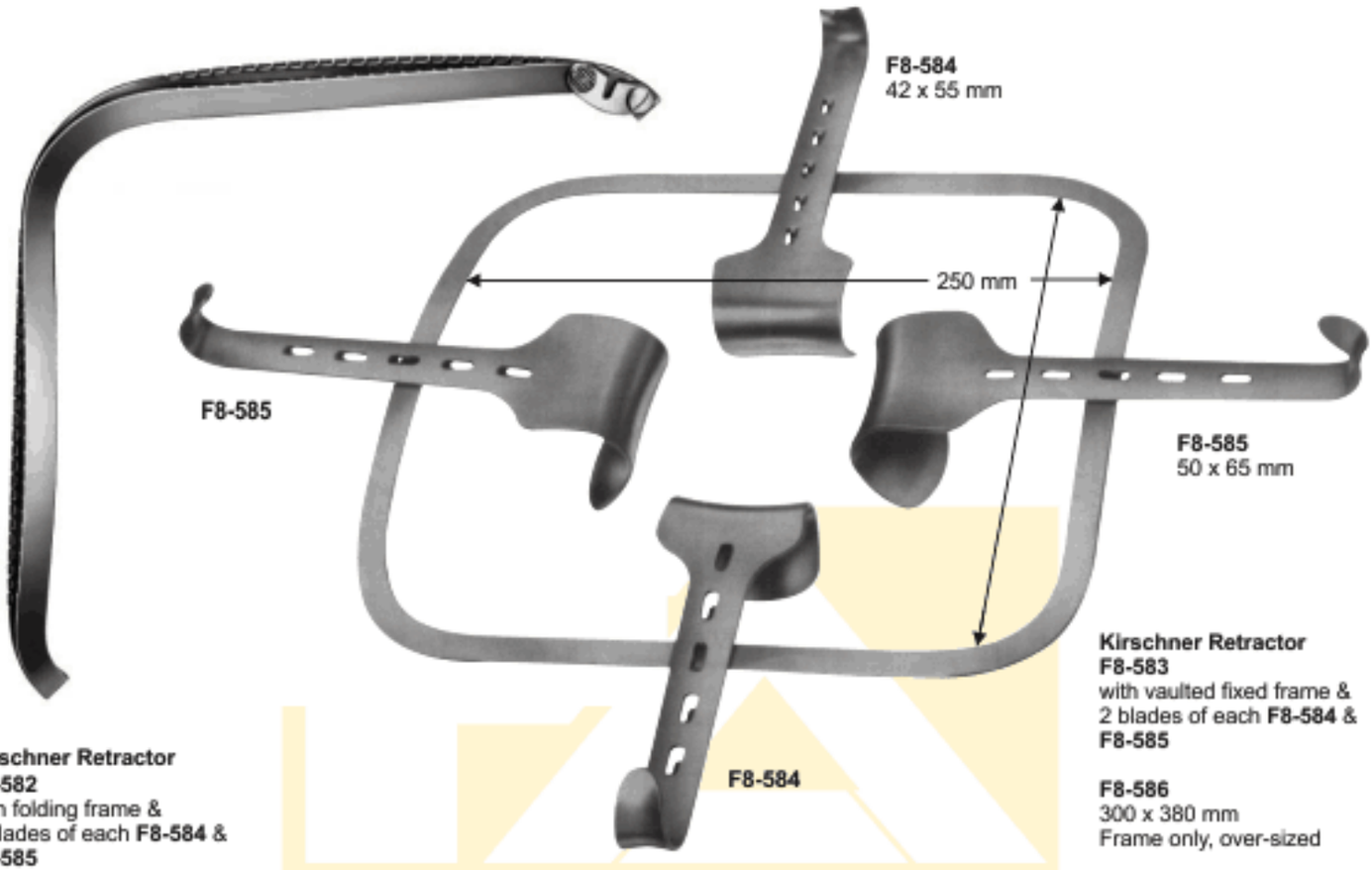
F8-575
Blades only 20 x 40 mm



Abdominal Retractors
well suitable for gynaecologists



Semm Abdominal Retractors
consisting of:
F8-576 1 frame 225 x 220 mm
F8-577 2 blade 46 x 64 mm
F8-578 1 blade 53 x 54 mm
(for bladder)
F8-579 1 blade 82 x 97 mm
(for intestine)
F8-580 1 blade 98 x 51 mm
(for intestine)
F8-581 1 blade, narrow
107 x 36 mm



Kirschner Retractor
F8-582
with folding frame &
2 blades of each **F8-584** &
F8-585

Kirschner Retractor
F8-583
with vaulted fixed frame &
2 blades of each **F8-584** &
F8-585

F8-586
300 x 380 mm
Frame only, over-sized

F8-587
320 x 300 mm
Frame only

Additional valves for corpulent persons



Kirschner Retractor
F8-588
64 x 80 mm

Kirschner-Balfour Retractor
F8-589
80 x 82 mm

Kirschner Retractor
F8-590 90 x 69 mm
F8-591 92 x 95 mm
F8-592 78 x 58 mm

Kirschner Retractor
F8-593 108 x 42 mm
F8-594 91 x 55 mm
F8-595 121 x 55 mm