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○ Wound Retractors



HI-001 Sharp
HI-002 Blunt
GRAEFE
125 mm



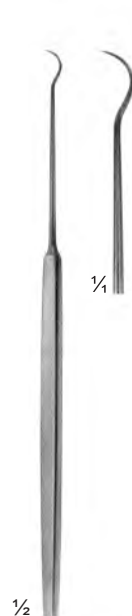
HI-003 125 mm
HI-004 130 mm
Sharp
GUTHRIE



HI-005 130 mm
HI-006 135 mm
Sharp
ROLLET
HI-007 135 mm
Blunt



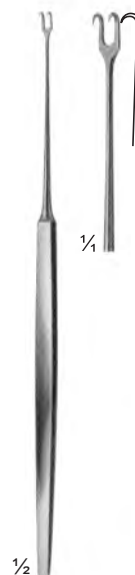
HI-008
FRAZIER
Dura Retractors
130 mm



HI-009
TONNIS
Dura Retractors
150 mm



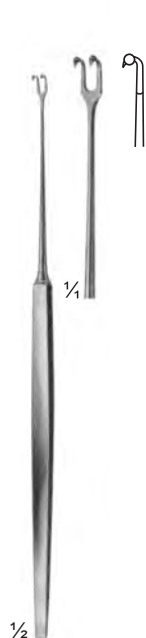
HI-010
KILNER
160 mm



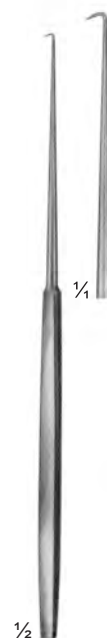
HI-011
FREER
150 mm



HI-012
MULLER
150 mm



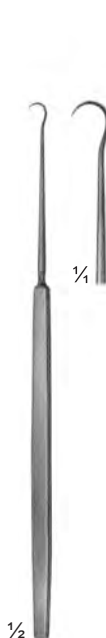
HI-013
MULLER
150 mm
HI-013-1
MULLER
180 mm



HI-014
COTTLE
160 mm



HI-015
COTTLE
160 mm



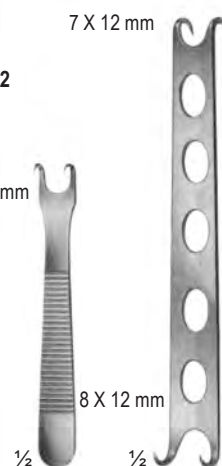
HI-016
JAEGAR
135 mm



HI-017 - 020
JOSEPH
165 mm



HI-021 - 022
GILLIES
180 mm

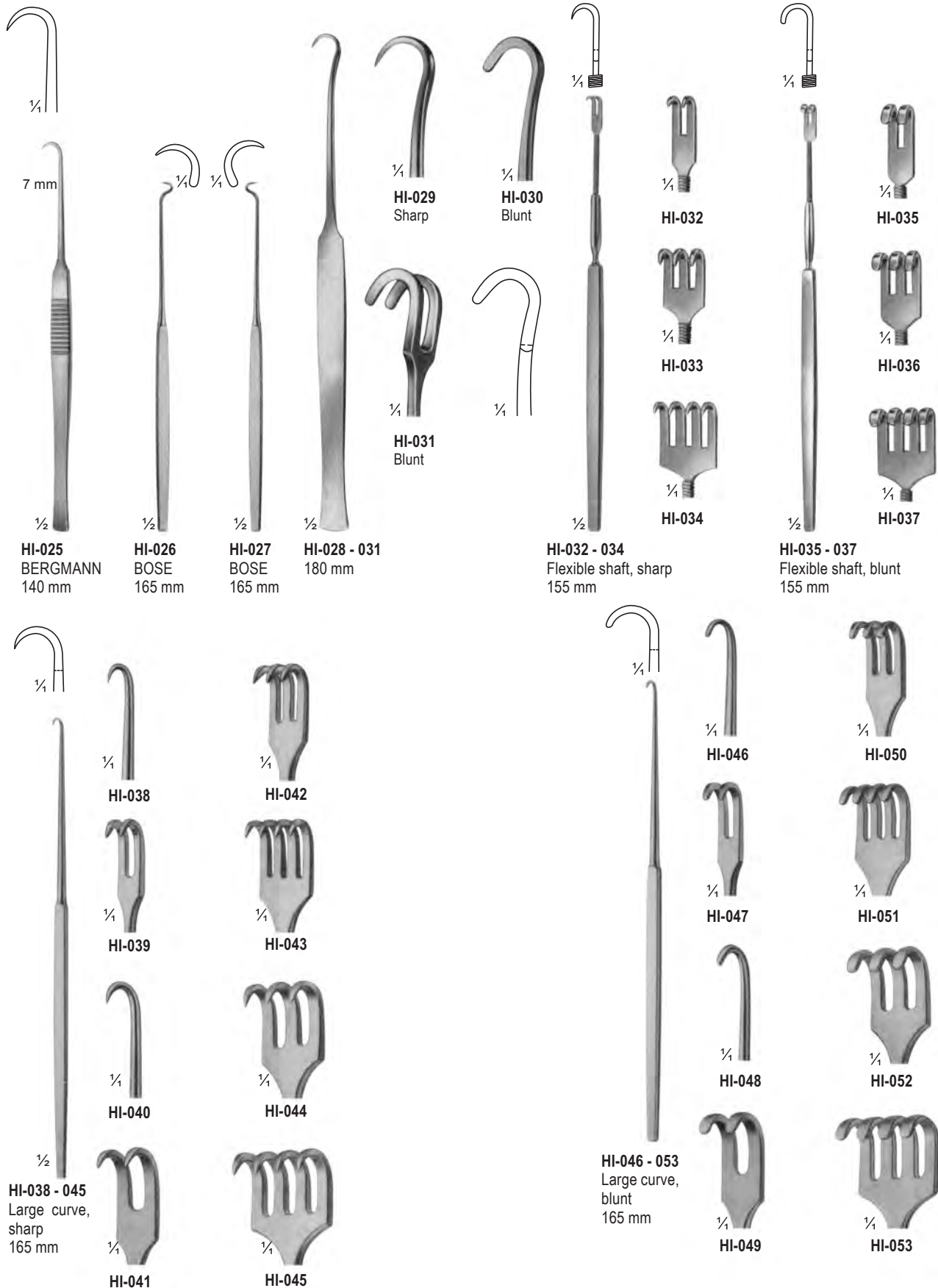


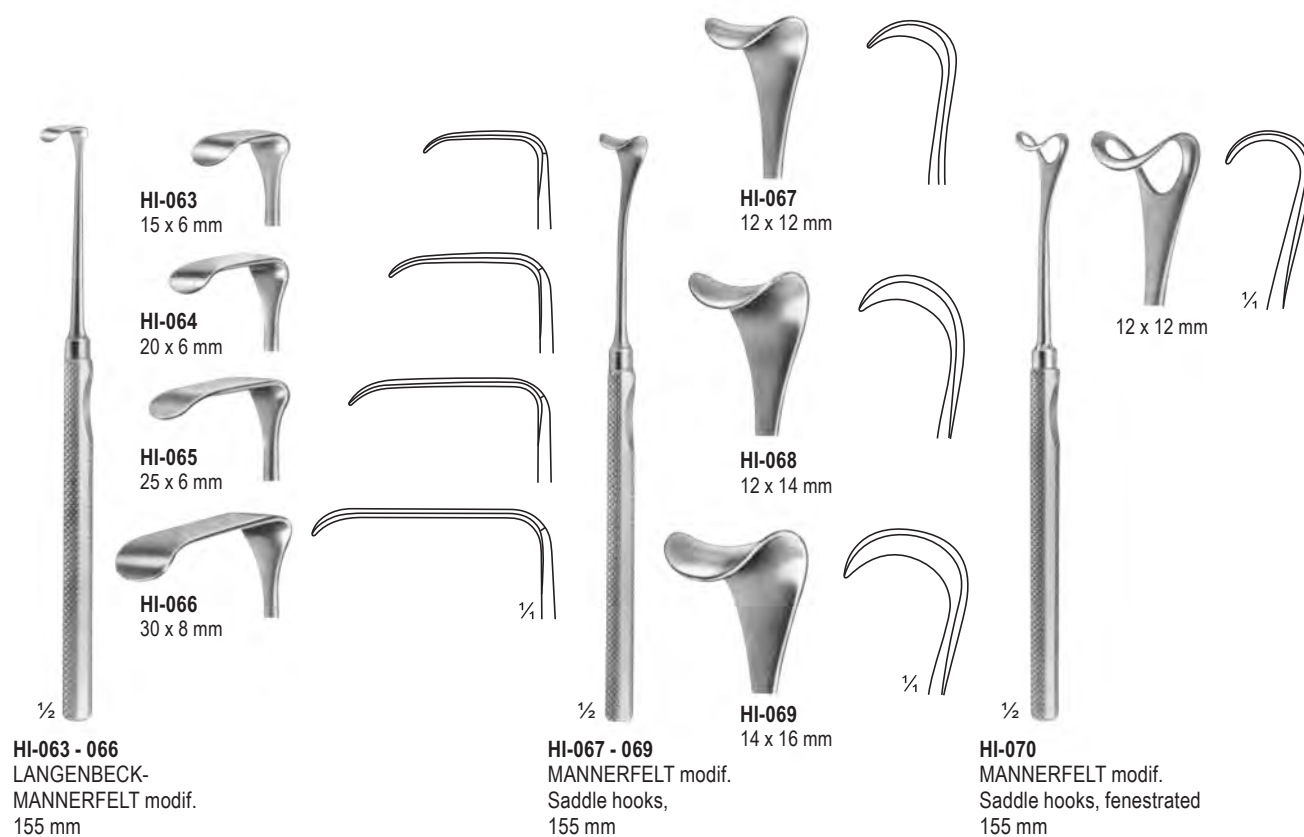
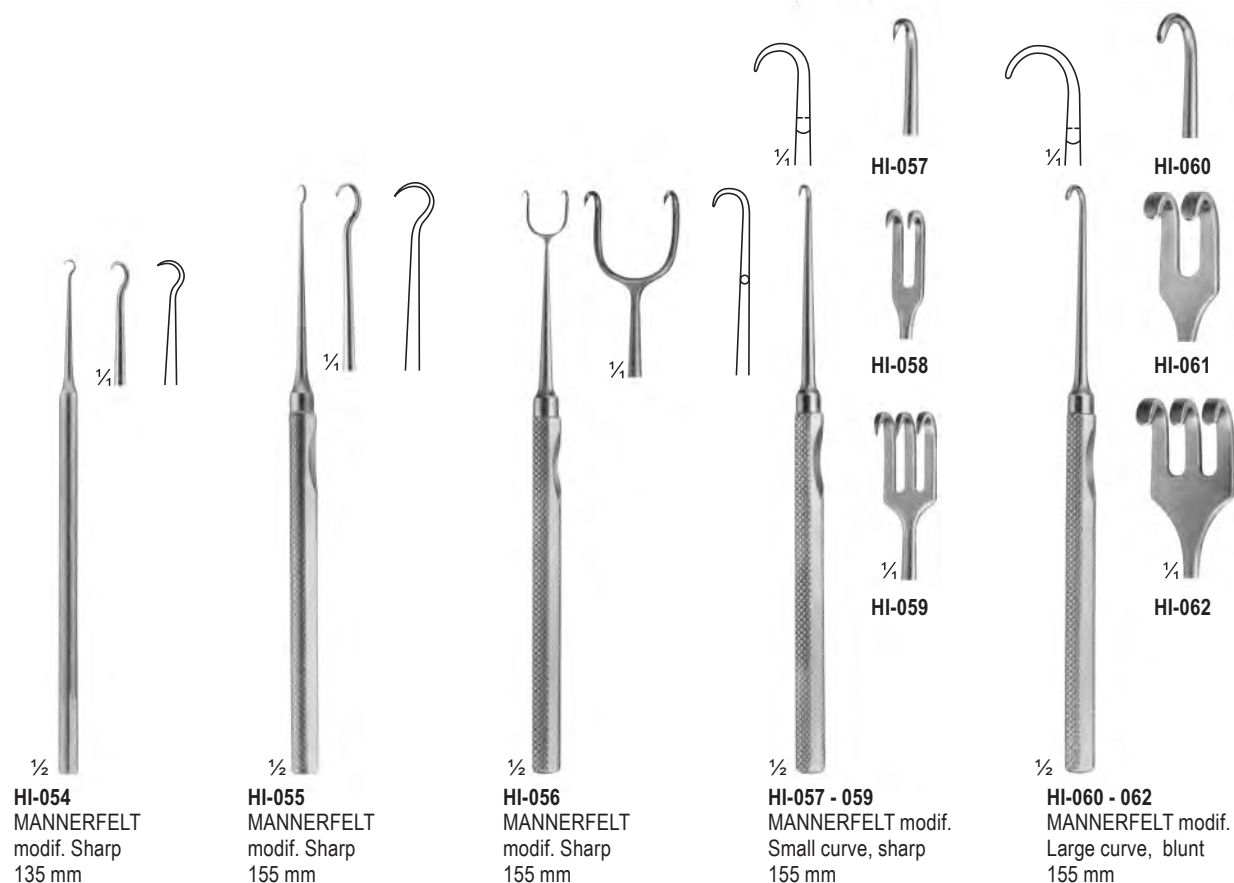
HI-023
KILNER
Sharp
80 mm



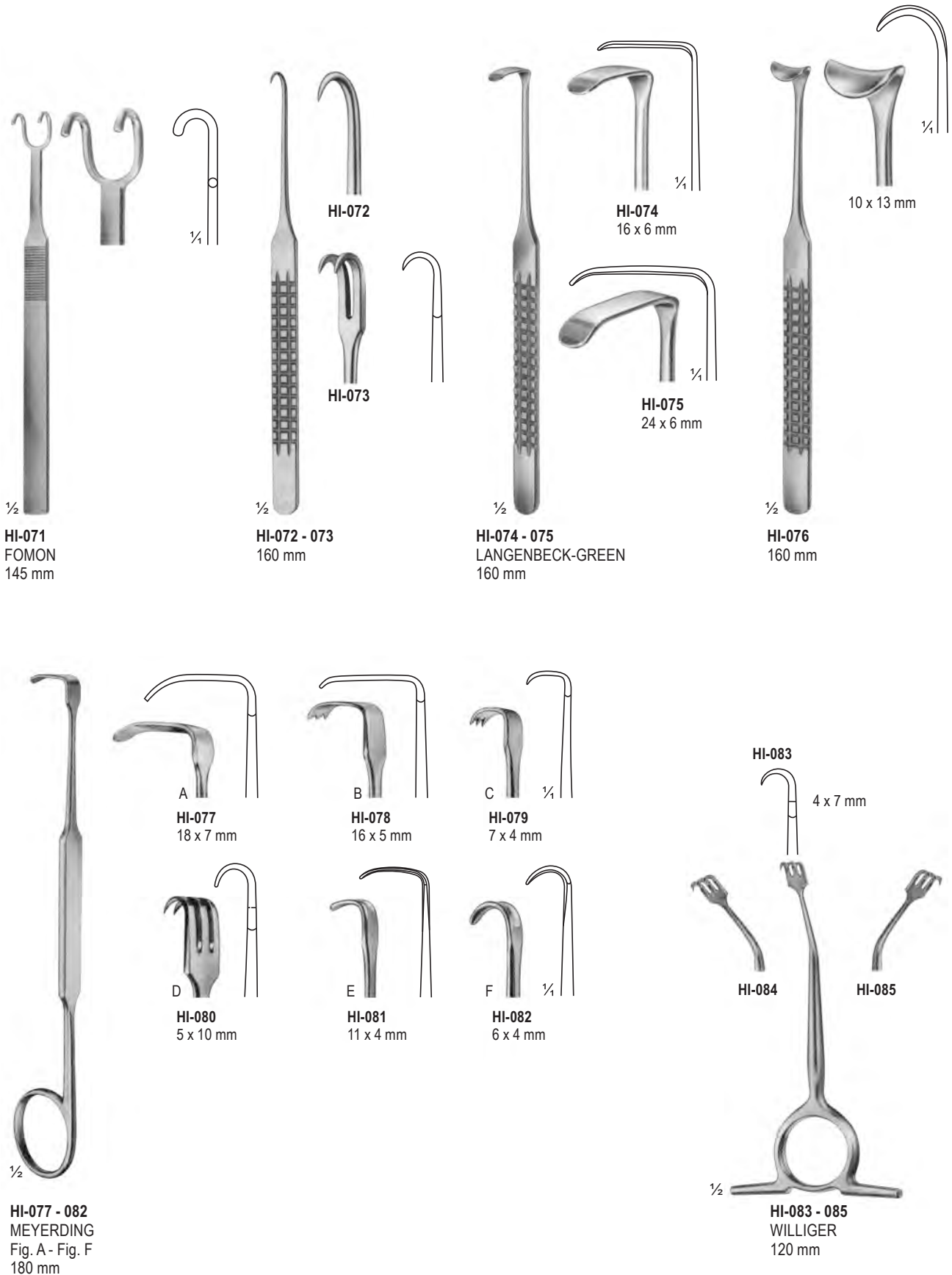
HI-024
CONVERSE
Blunt
120 mm

WOUND – TRACHEA RETRACTORS





RETRACTORS

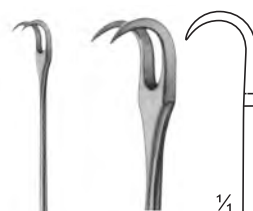




1/2
HI-086
EMMETT
Fistula hook
220 mm



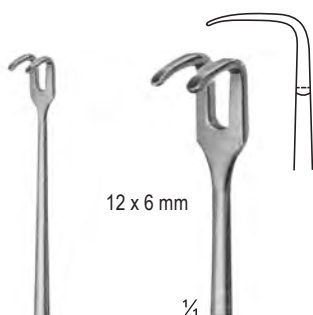
1/2
HI-087
SIMON
Fistula hook
220 mm



1/2
HI-088
SIMON
Fistula hook
220 mm



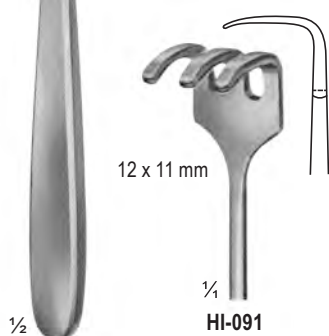
1/2
HI-089
LANGE
Fistula hook
230 mm



12 x 6 mm

1/4

HI-090

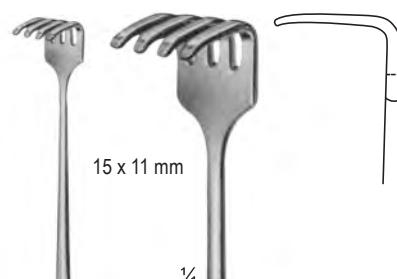


12 x 11 mm

1/4

HI-091

1/2
HI-090 - 091
Tendon hooks
175 mm



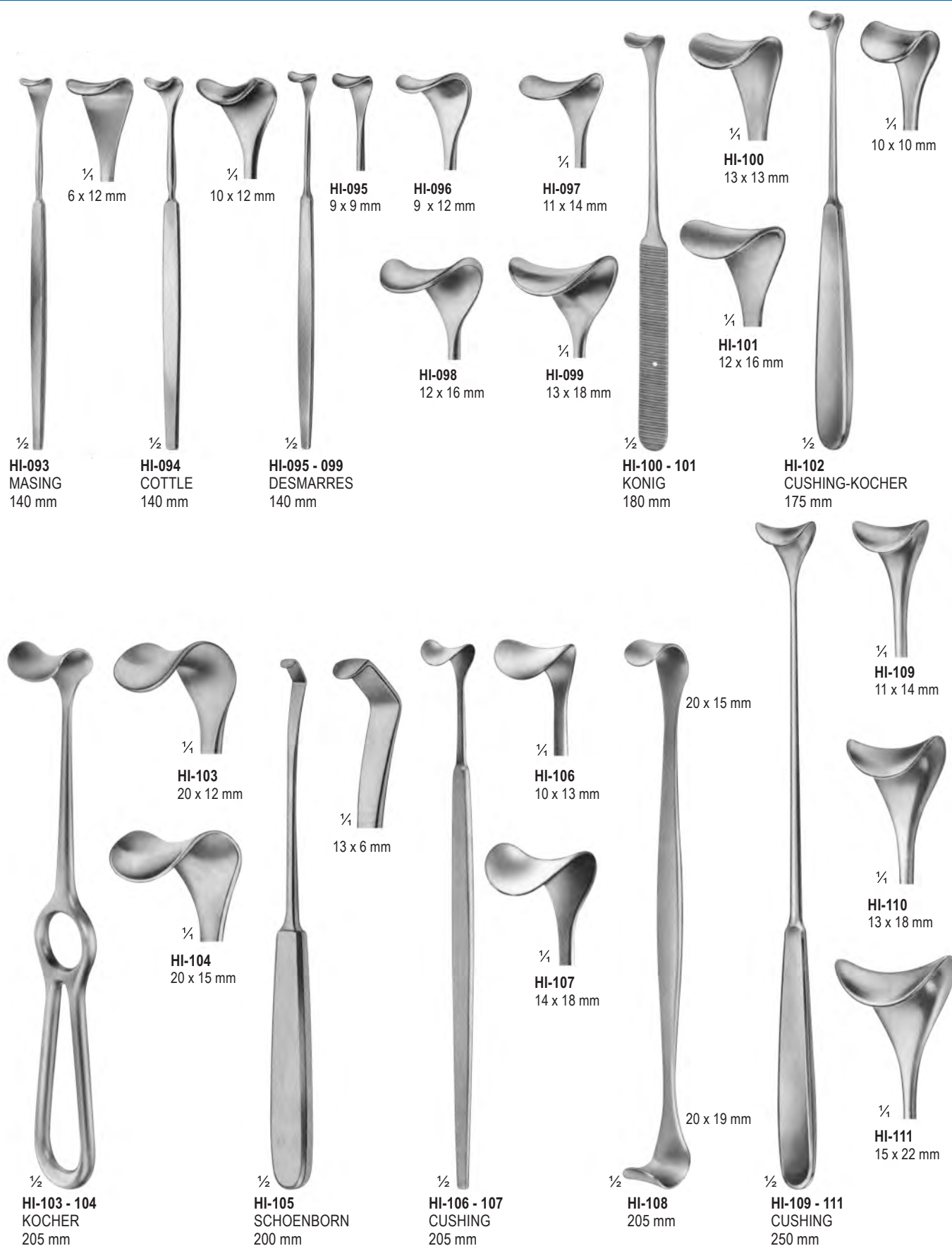
15 x 11 mm

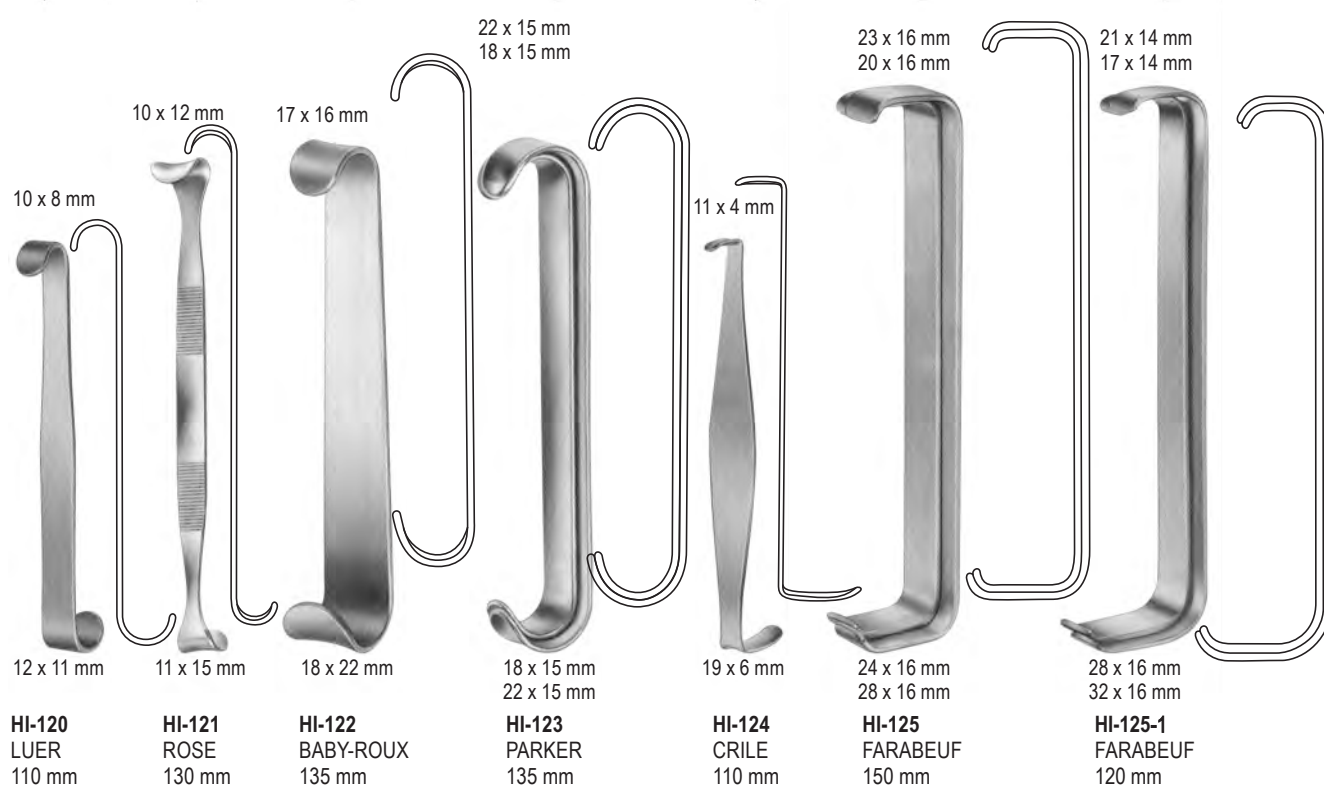
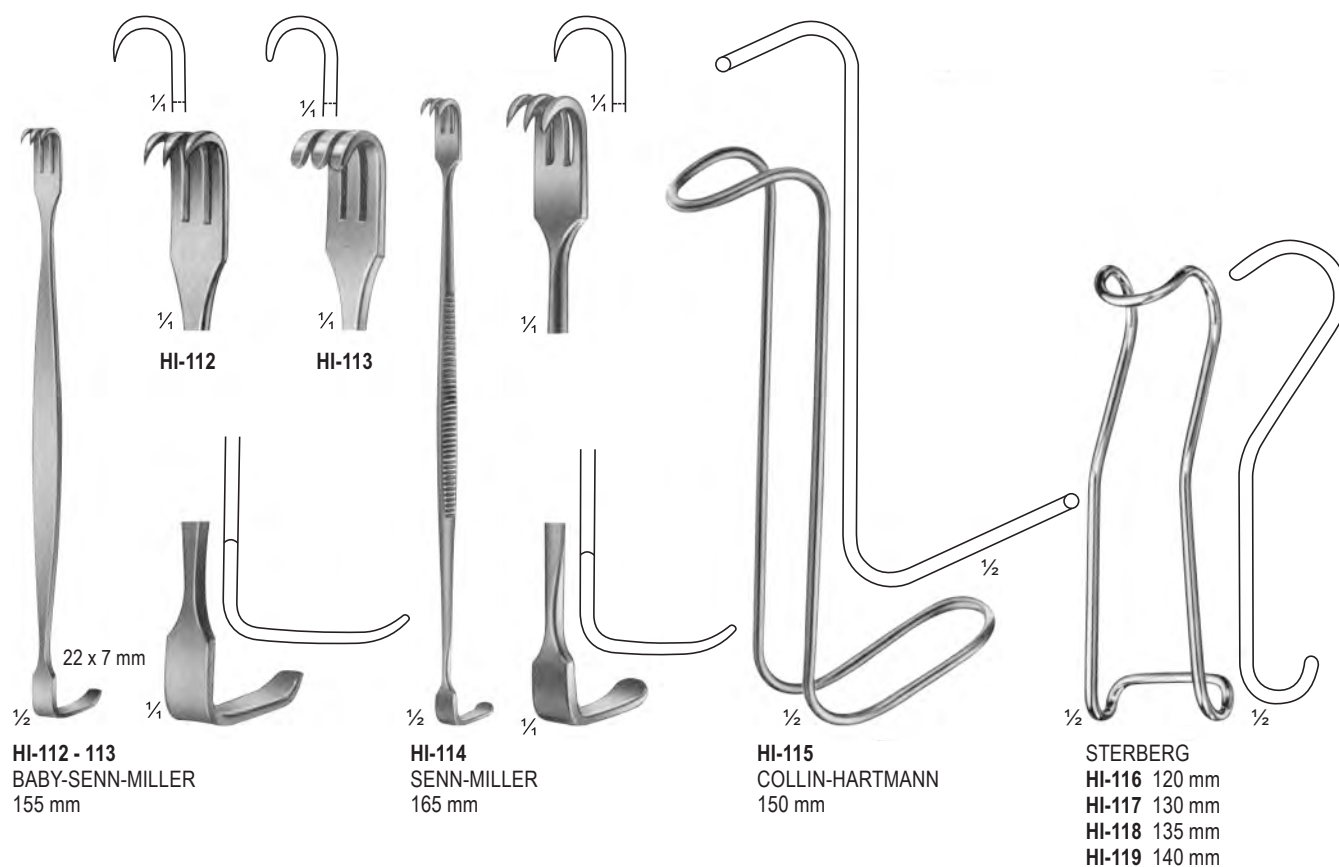
1/4

1/2
HI-092
KLAPP
Tendon hooks
175 mm



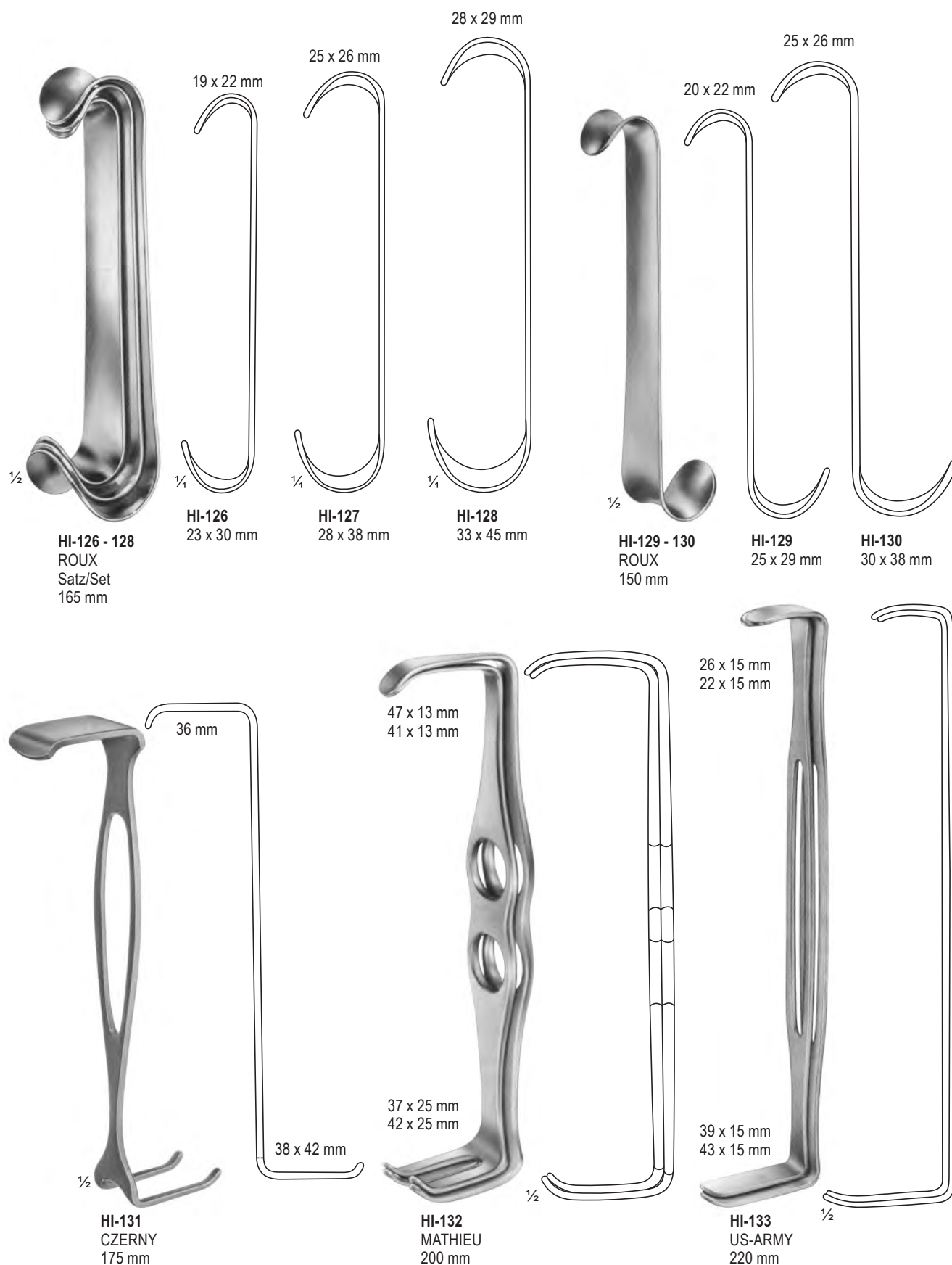
WOUND AND VEIN RETRACTORS







RETRACTORS





HI-134
KOCHER
Sharp
205 mm



HI-135
KOCHER
Sharp
220 mm



HI-136
KOCHER
Blunt
220 mm



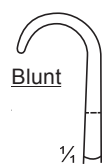
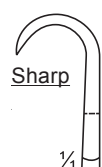
HI-137
VOLKMANN
Sharp
220 mm



HI-138
VOLKMANN
Sharp
220 mm



HI-139 - 146
VOLKMANN
225 mm



HI-139
9 x 8 mm



HI-140
9 x 13 mm



HI-141
9 x 19 mm



HI-142
9 x 29 mm



HI-143
8,5 x 8 mm



HI-144
8,5 x 13 mm



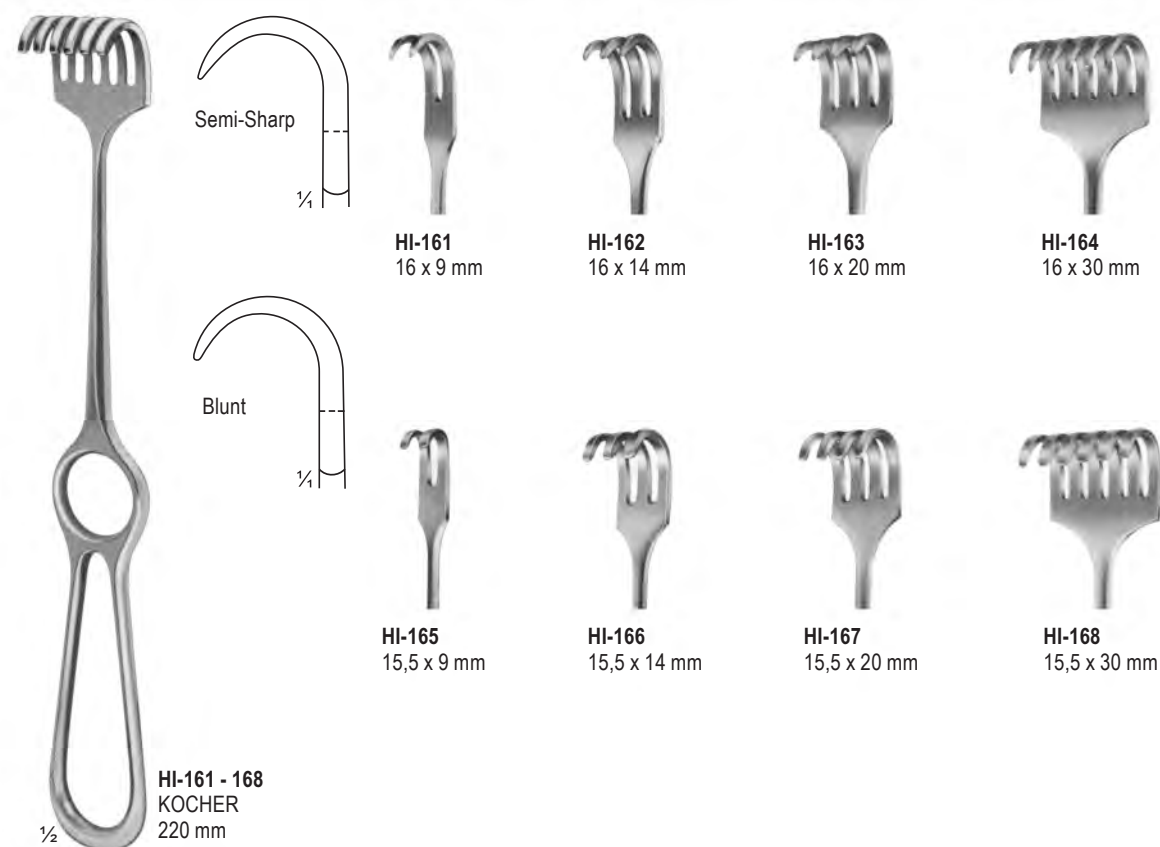
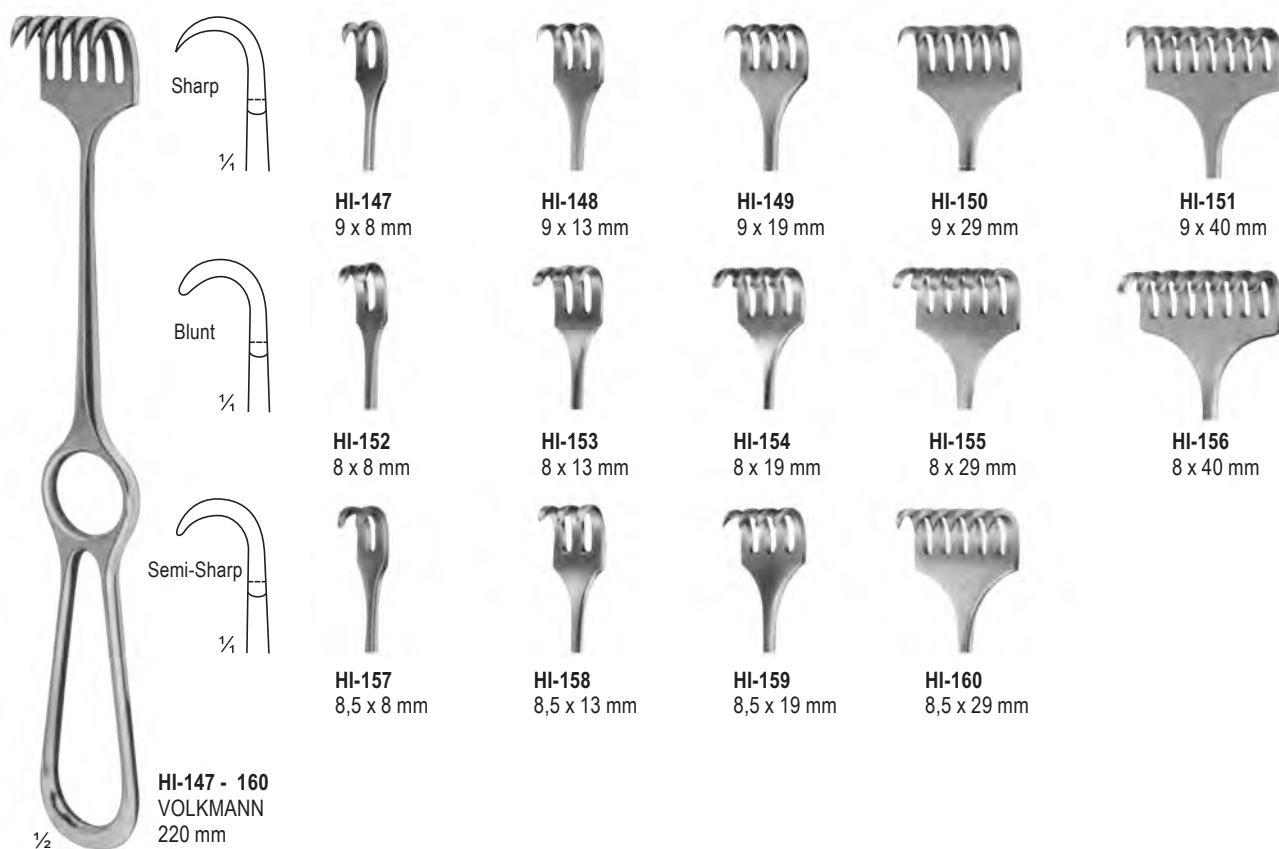
HI-145
8,5 x 19 mm



HI-146
8,5 x 29 mm



RETRACTORS





HI-168 - 170
KORTE
240 mm



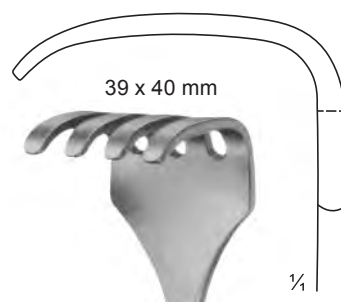
HI-169
8 Prongs, blunt



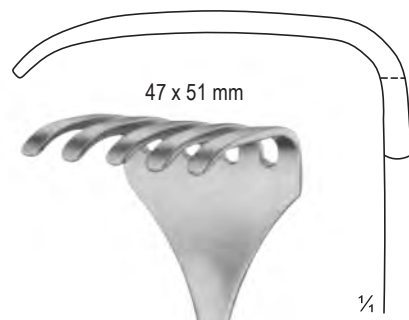
HI-170
8 Prongs, sharp



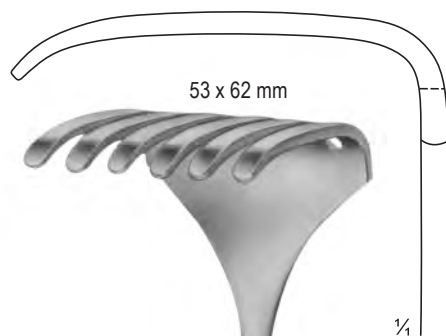
HI-171 - 174
ISRAEL
255 mm



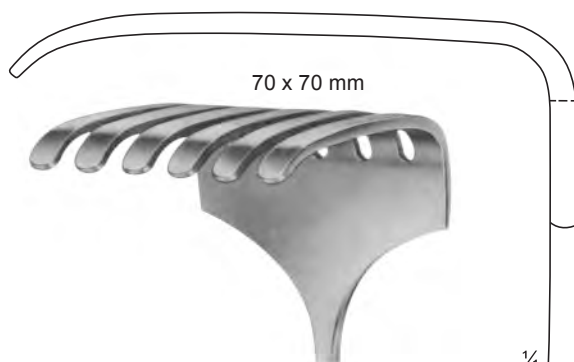
HI-171
4 Prongs, blunt



HI-172
5 Prongs, blunt



HI-173
6 Prongs, blunt



HI-174
6 Prongs, blunt



RETRACTORS



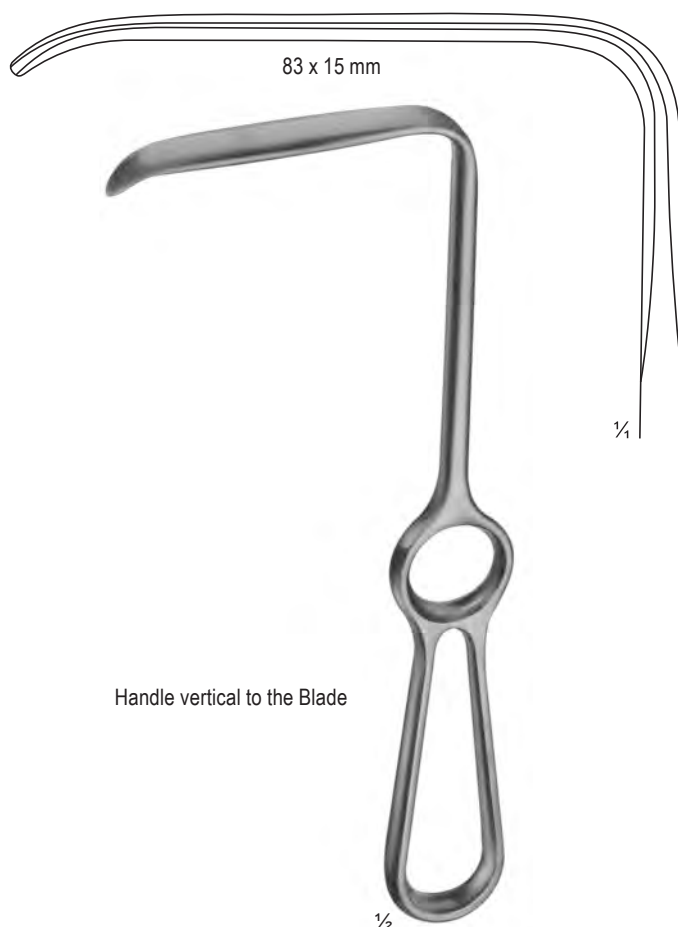
HI-175 - 180
LANGENBECK
210 mm

HI-175	28 x 10 mm
HI-176	28 x 14 mm
HI-177	33 x 14 mm
HI-178	28 x 16 mm
HI-179	40 x 10 mm
HI-180	40 x 13 mm



HI-181 - 187
KOCHER-LANGENBECK
215 mm

HI-181	25 x 6 mm
HI-182	35 x 8 mm
HI-183	35 x 11 mm
HI-184	35 x 15 mm
HI-185	41 x 11 mm
HI-186	55 x 11 mm
HI-187	70 x 14 mm



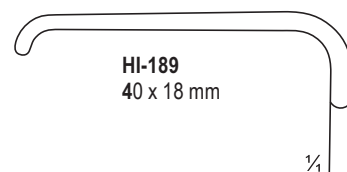
HI-188
LANGENBECK
215 mm



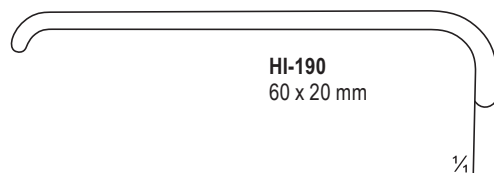
HI-189 - 193
KOCHER
230 mm



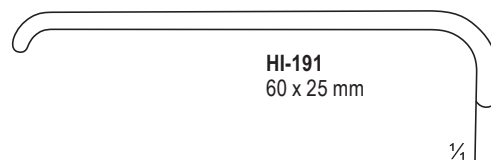
HI-194 - 196
SAUERBRUCH
225 mm



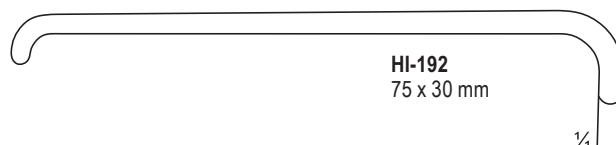
HI-189
40 x 18 mm



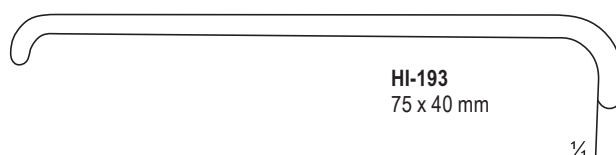
HI-190
60 x 20 mm



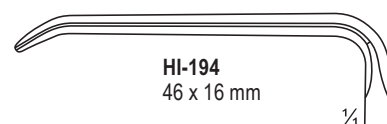
HI-191
60 x 25 mm



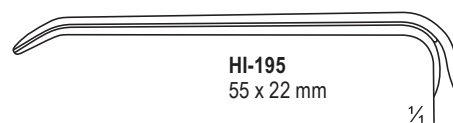
HI-192
75 x 30 mm



HI-193
75 x 40 mm



HI-194
46 x 16 mm



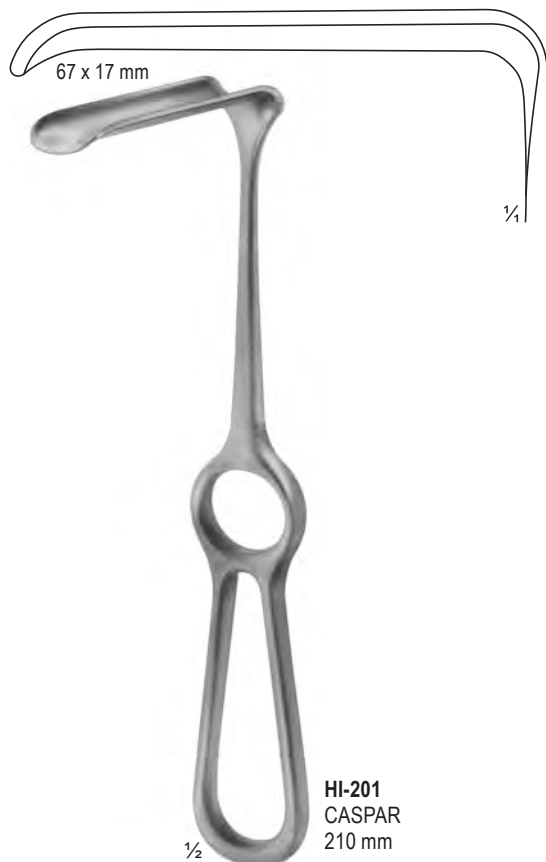
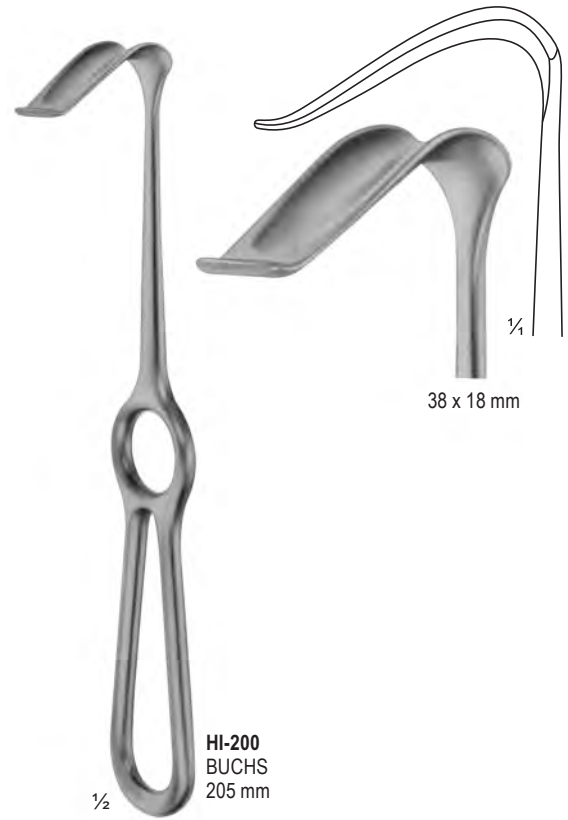
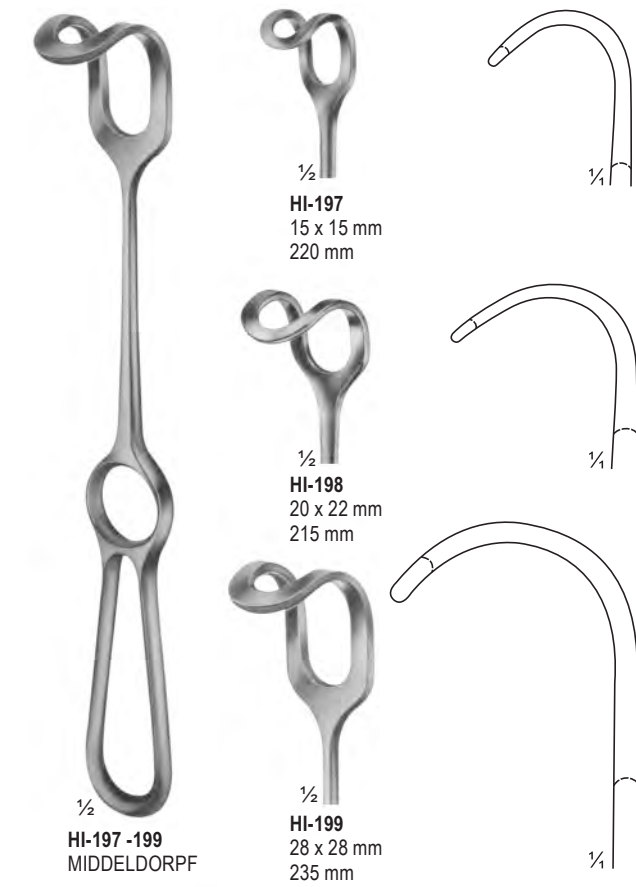
HI-195
55 x 22 mm



HI-196
72 x 19 mm

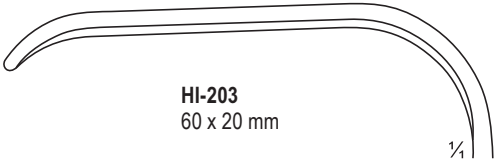


RETRACTORS



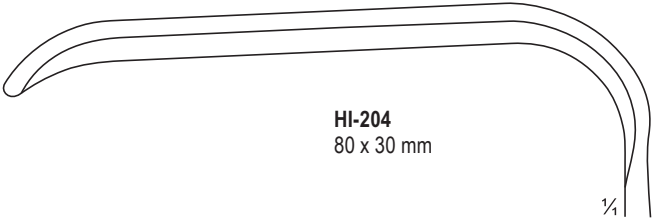


$\frac{1}{2}$
HI-203 - HI-208
HOSEL
250 mm



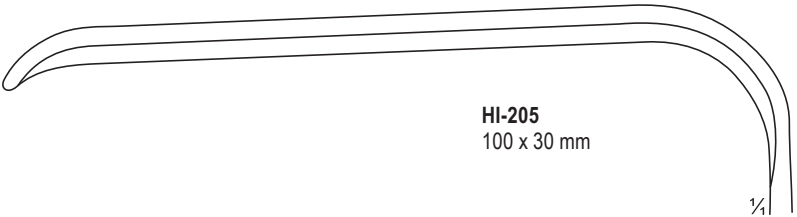
HI-203
60 x 20 mm

$\frac{1}{4}$



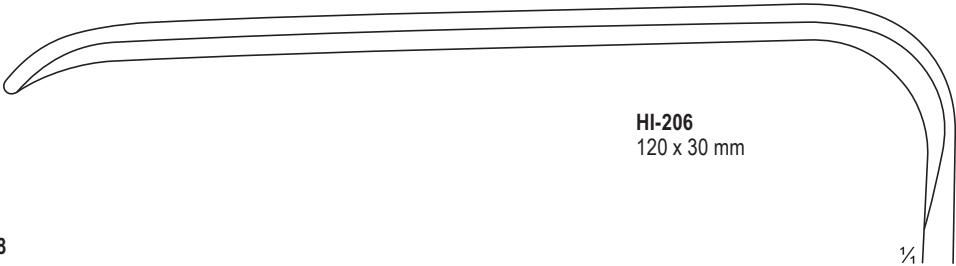
HI-204
80 x 30 mm

$\frac{1}{4}$



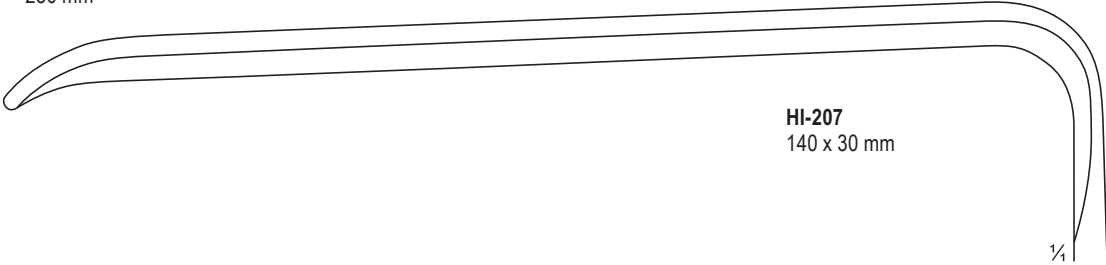
HI-205
100 x 30 mm

$\frac{1}{4}$



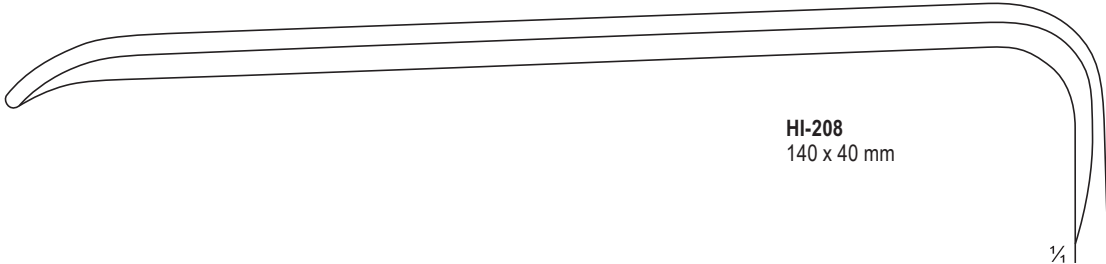
HI-206
120 x 30 mm

$\frac{1}{4}$



HI-207
140 x 30 mm

$\frac{1}{4}$

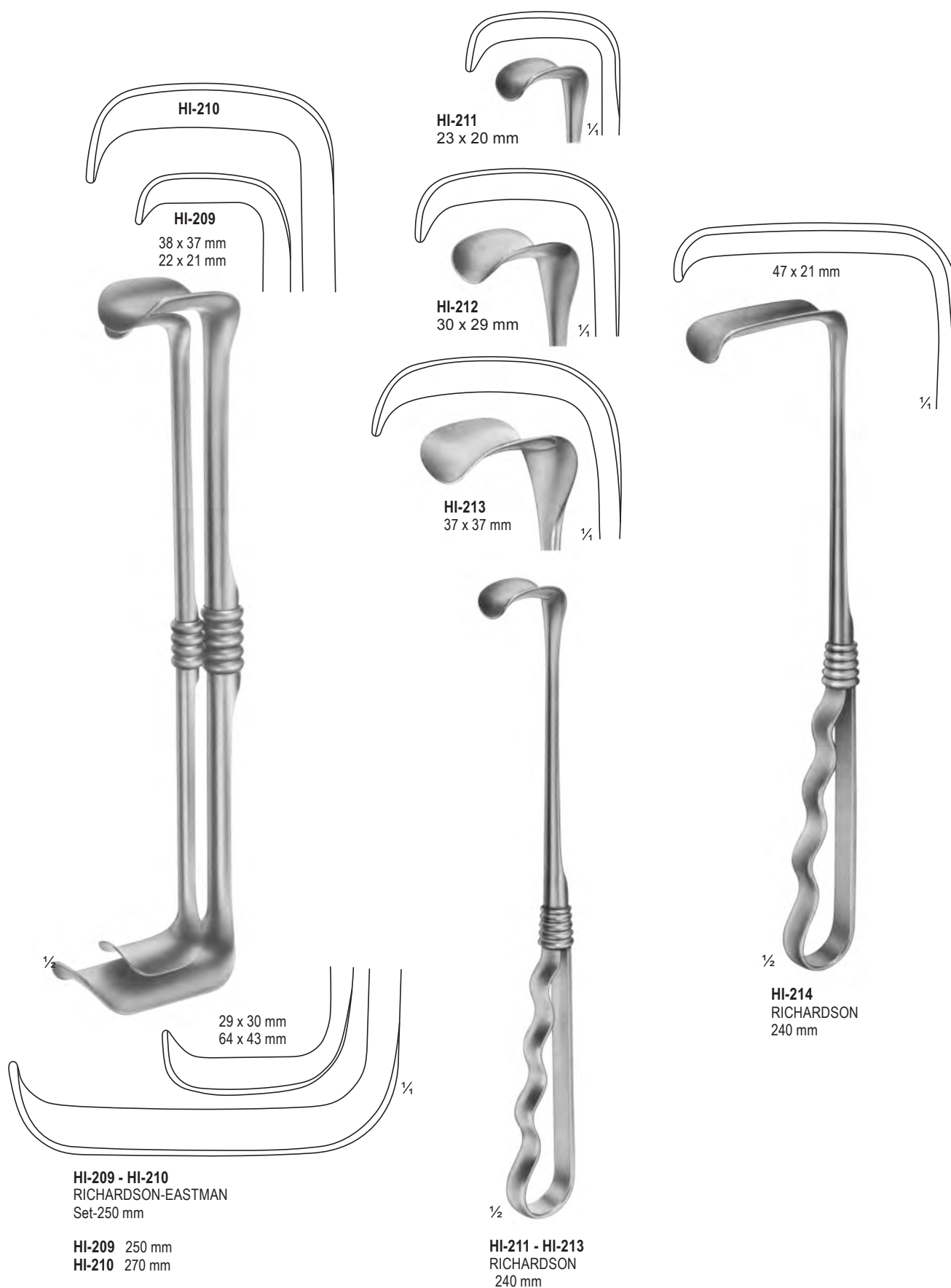


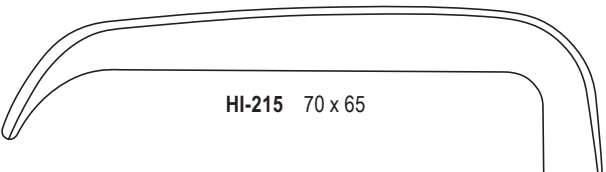
HI-208
140 x 40 mm

$\frac{1}{4}$

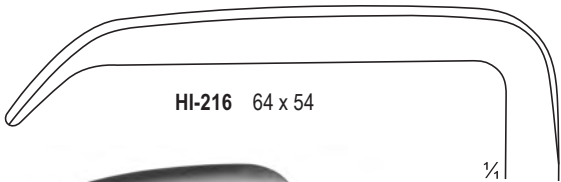


RETRACTORS

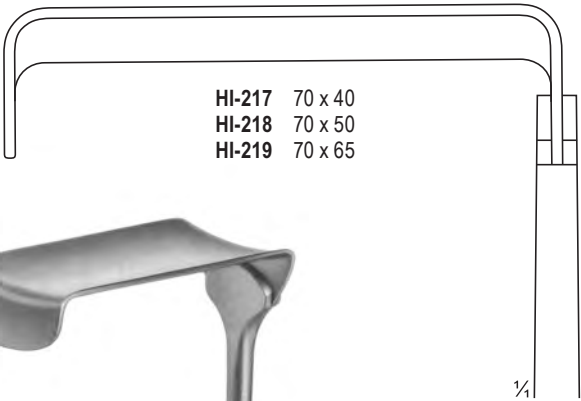




HI-215 70 x 65



HI-216 64 x 54



HI-217 70 x 40
HI-218 70 x 50
HI-219 70 x 65



1/2

HI-215 - HI-216
KELLY
260 mm

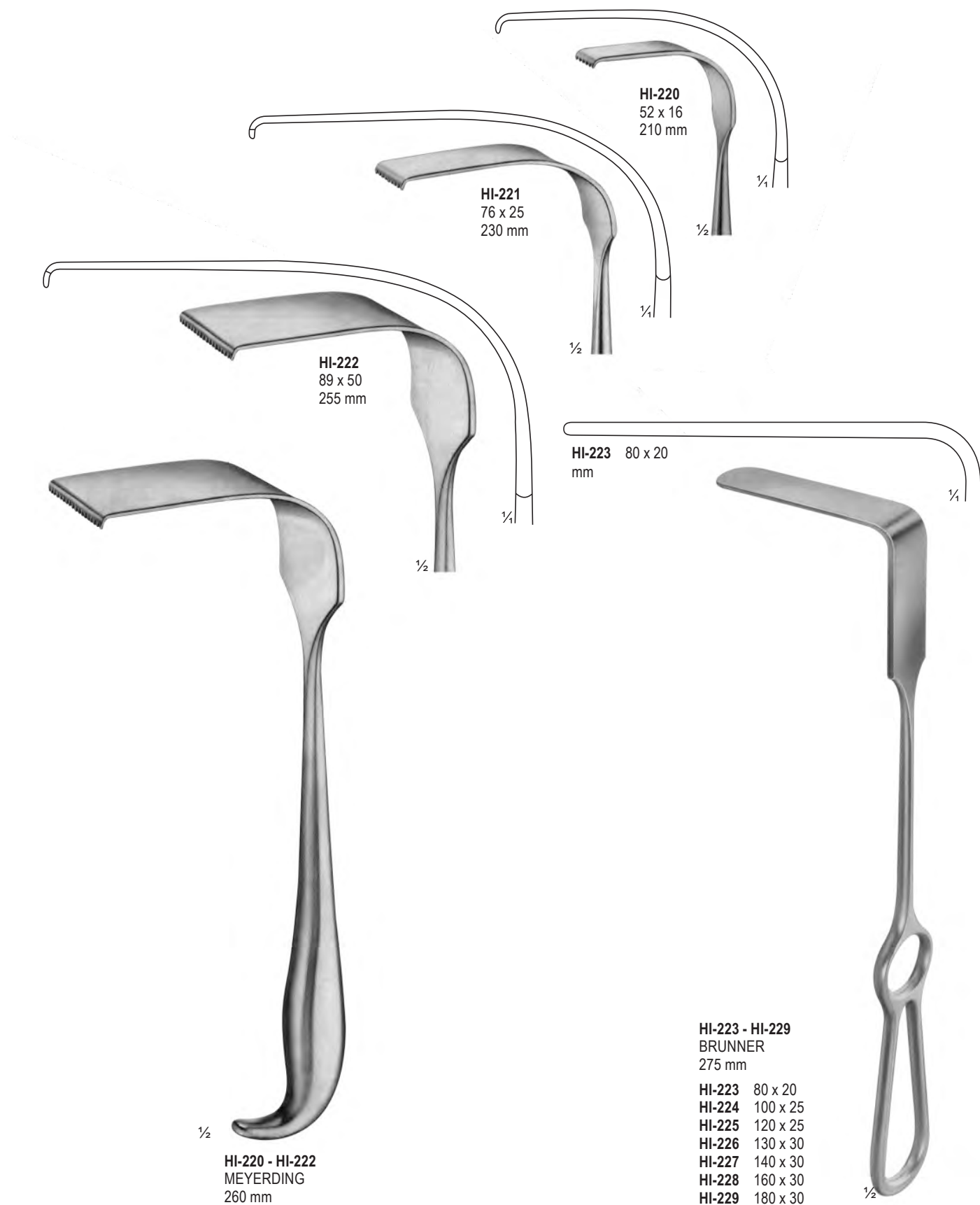


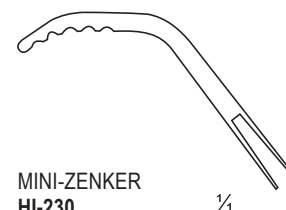
1/2

HI-217 - HI-219
MORRIS
245 mm



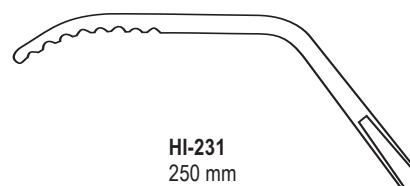
RETRACTORS FOR DEEP SURGERY



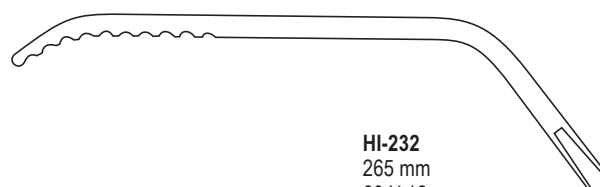


**MINI-ZENKER
HI-230**
180 mm
10 X 3 mm

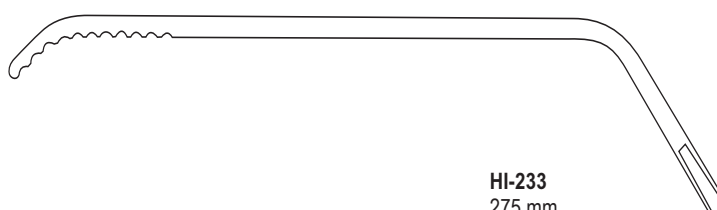
1/4



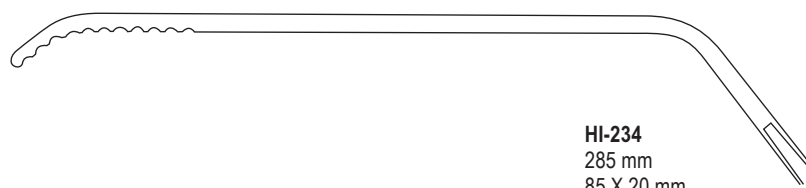
HI-231
250 mm
35 X 8 mm



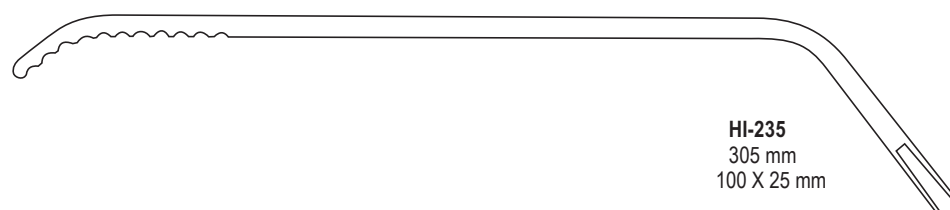
HI-232
265 mm
60 X 12 mm



HI-233
275 mm
75 X 12 mm



HI-234
285 mm
85 X 20 mm



HI-235
305 mm
100 X 25 mm



1/2

**ZENKER
HI-230 - HI-235**

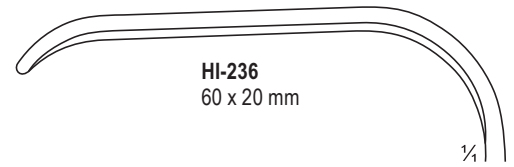


RETRACTORS



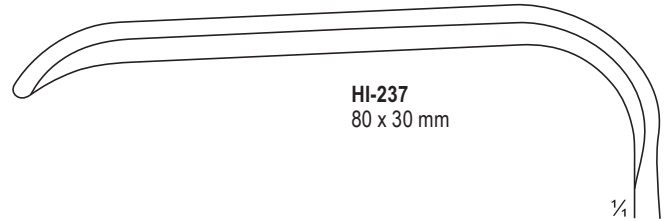
1/2

HOSEL
HI-236 - HI-241
250 mm



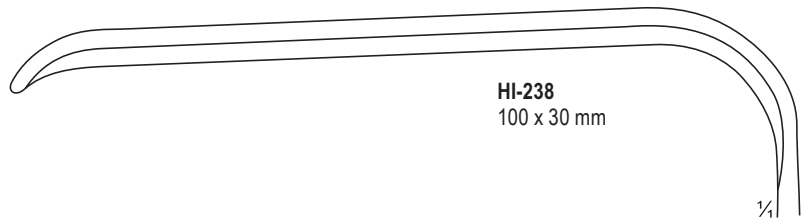
HI-236
60 x 20 mm

1/4



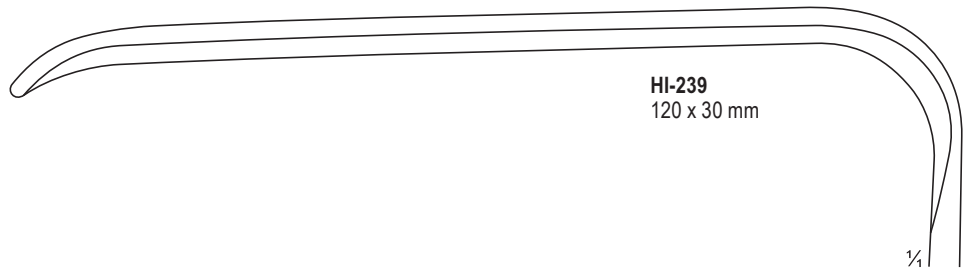
HI-237
80 x 30 mm

1/4



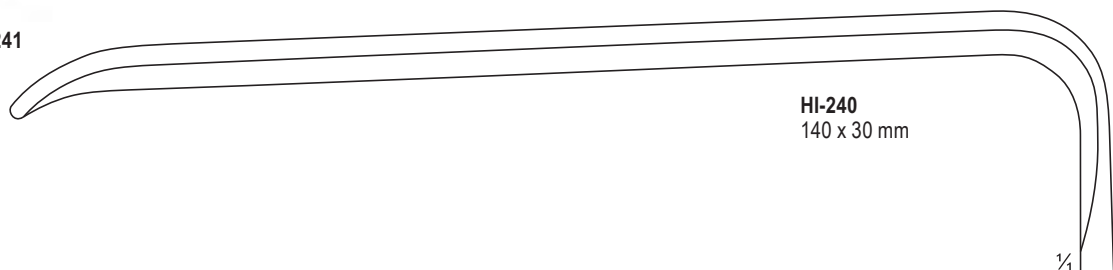
HI-238
100 x 30 mm

1/4



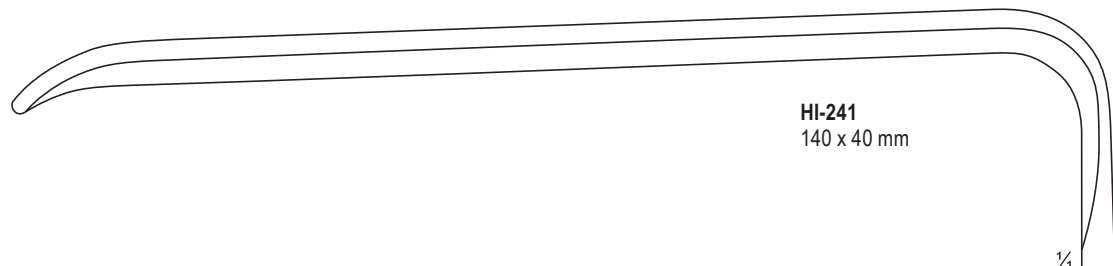
HI-239
120 x 30 mm

1/4



HI-240
140 x 30 mm

1/4



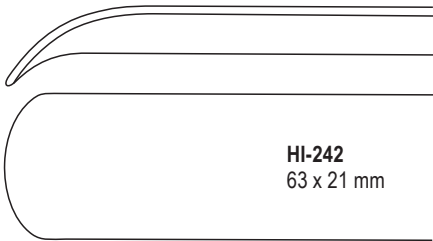
HI-241
140 x 40 mm

1/4

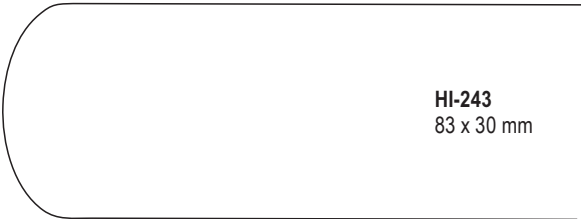


HÖSEL
HI-242 - HI-247
260 mm

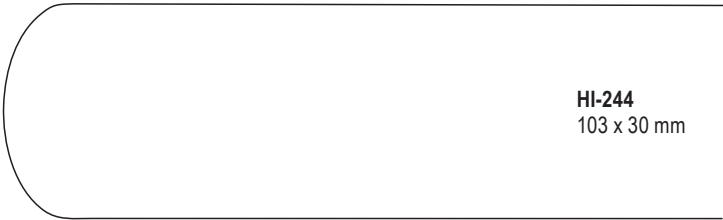
1/2



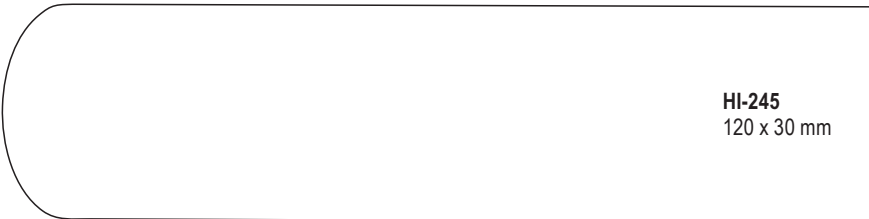
HI-242
63 x 21 mm



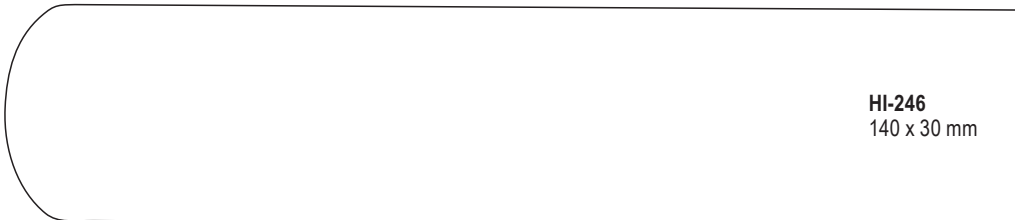
HI-243
83 x 30 mm



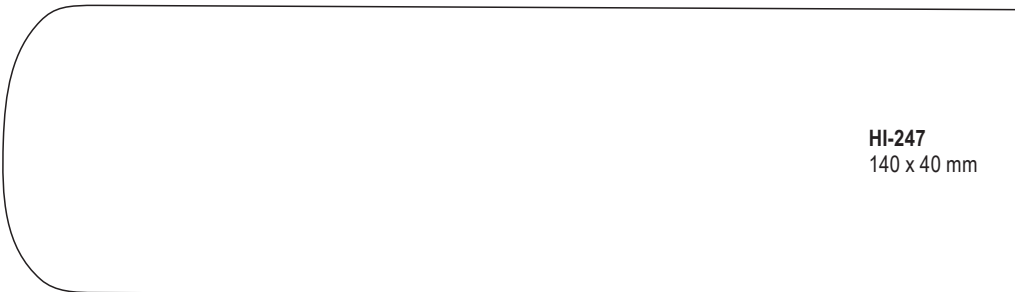
HI-244
103 x 30 mm



HI-245
120 x 30 mm



HI-246
140 x 30 mm



HI-247
140 x 40 mm

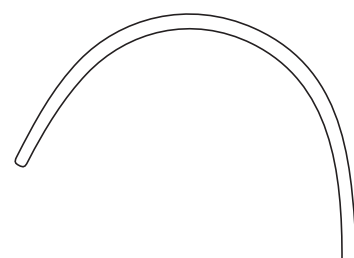


RETRACTORS



1/4

HI-248
270 mm
43 X 45 mm

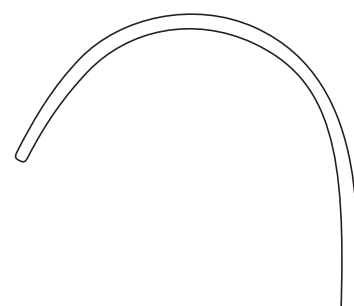


1/2

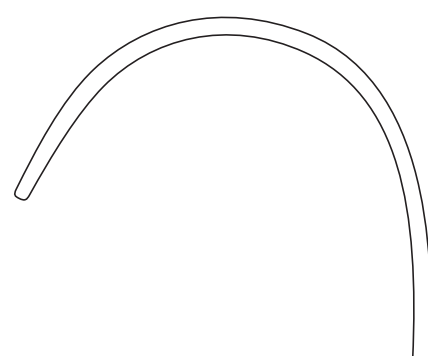
MIDDELDORPF
HI-248 - HI-250

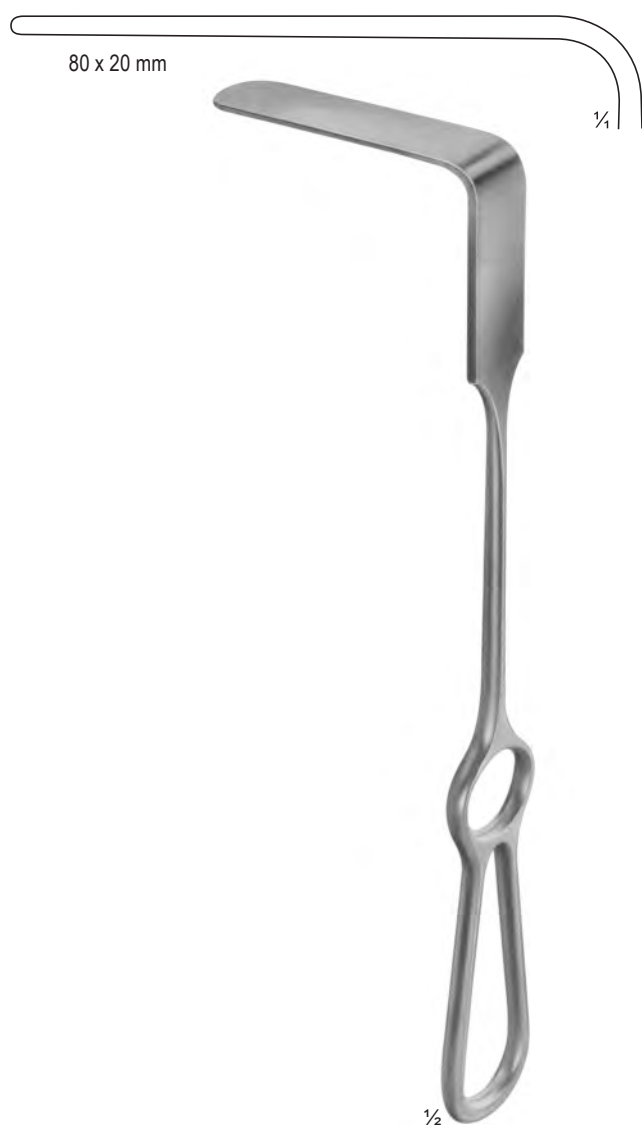


HI-249
270 mm
52 X 50 mm



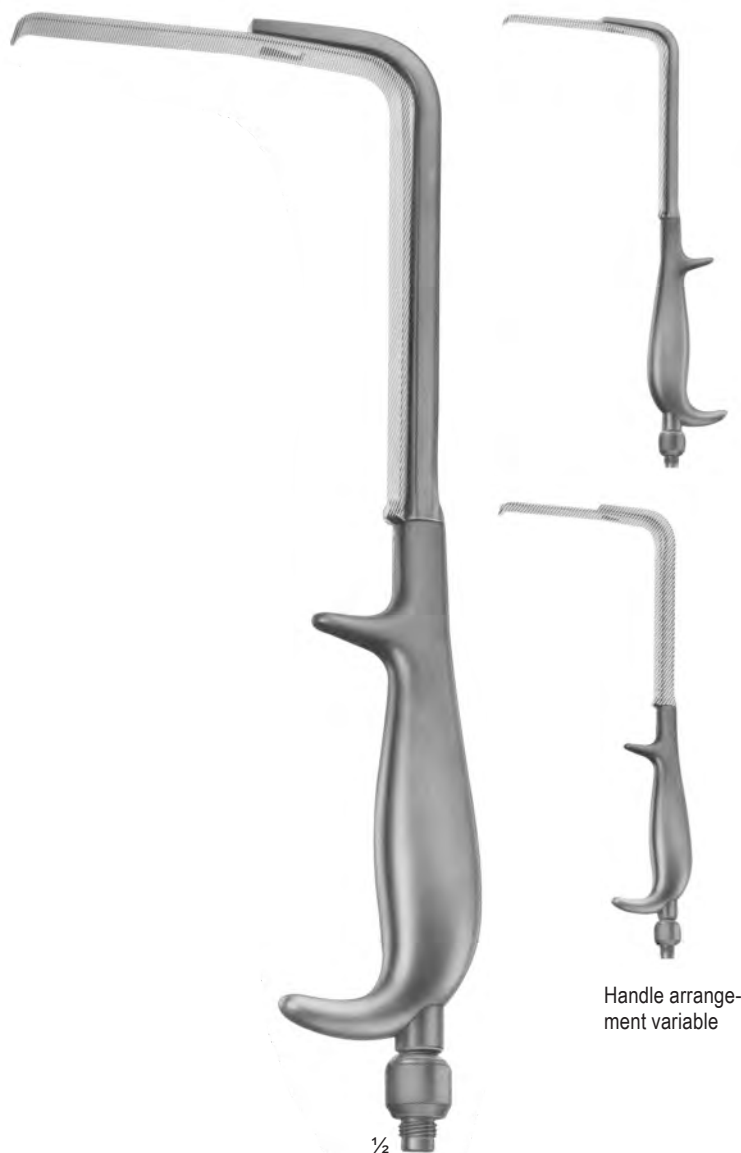
HI-250
280 mm
52 X 70 mm





BRUNNER
HI-251 - HI-257
275 mm

HI-251	80 x 20
HI-252	100 x 25
HI-253	120 x 25
HI-254	130 x 30
HI-255	140 x 30
HI-256	160 x 30
HI-257	180 x 30



HI-258
Handle with cold
light carrier for
retractor blades.
280 mm



RETRACTORS

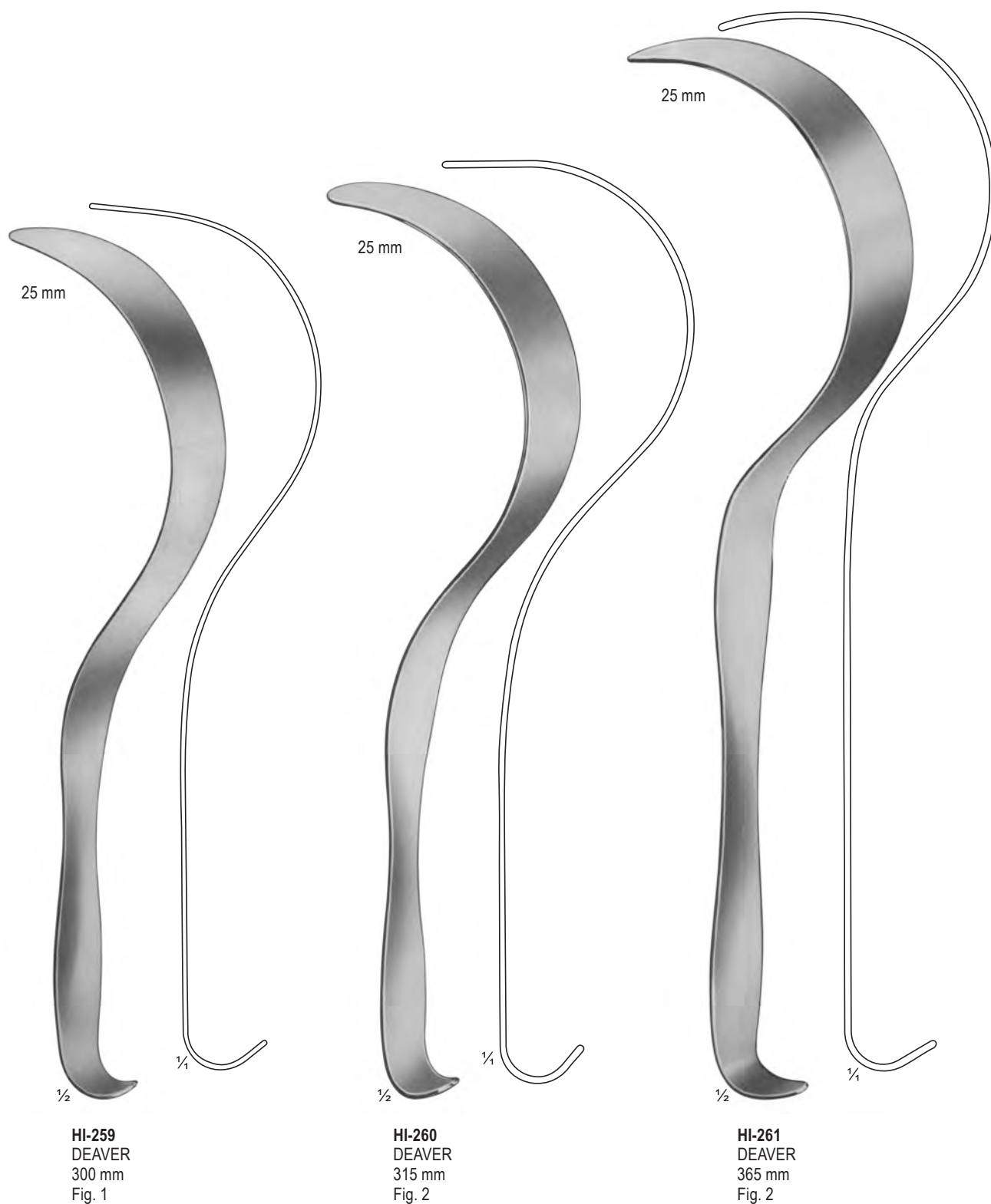




Fig. 3
DEEVER
HI-262
300 mm



Fig. 4
DEEVER
HI-263
310 mm

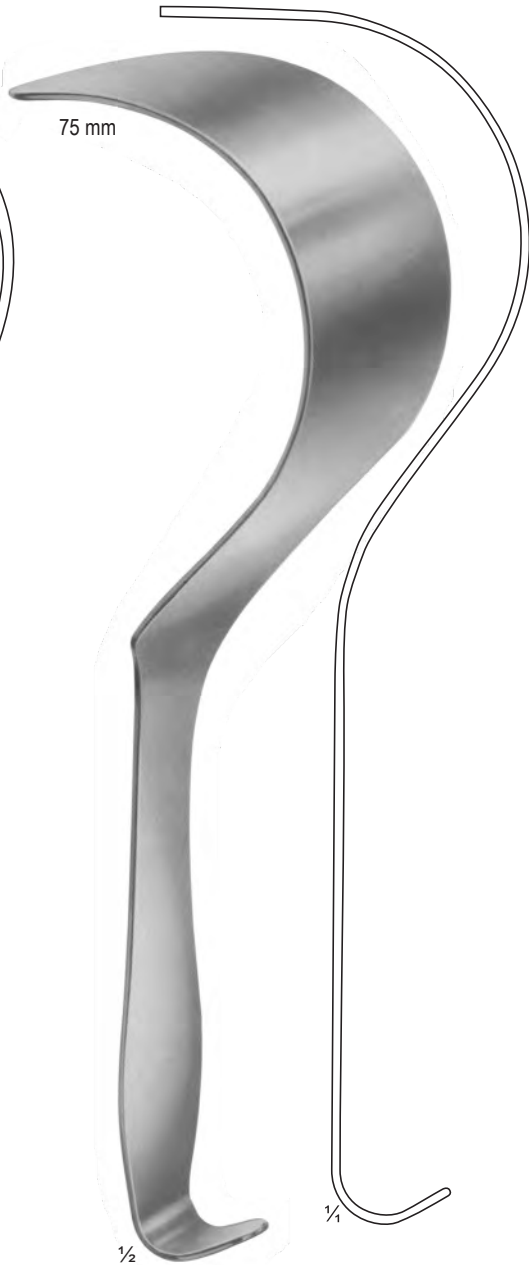
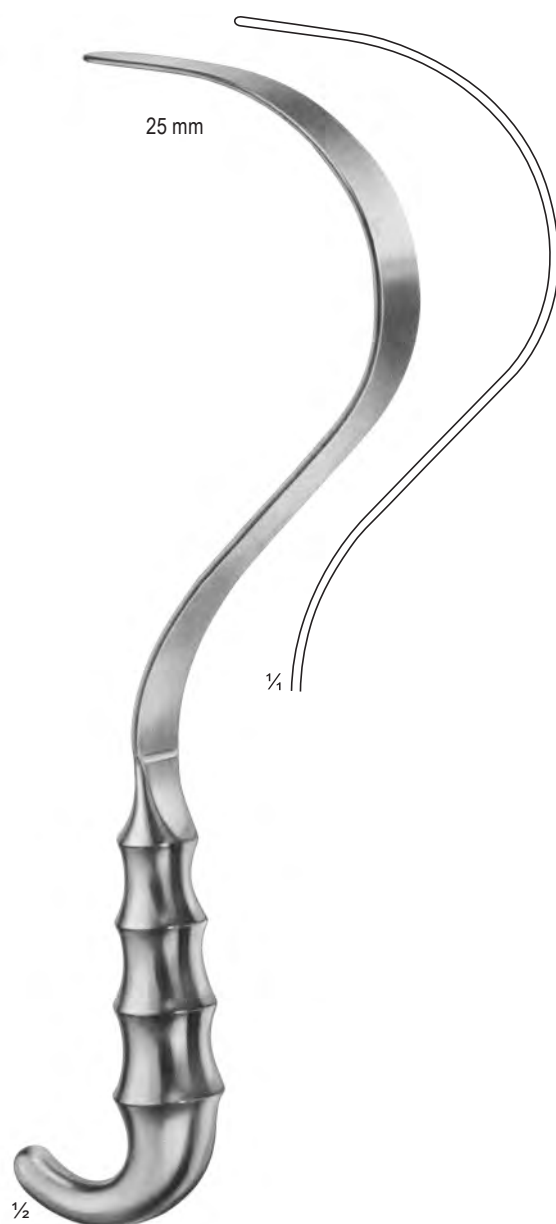


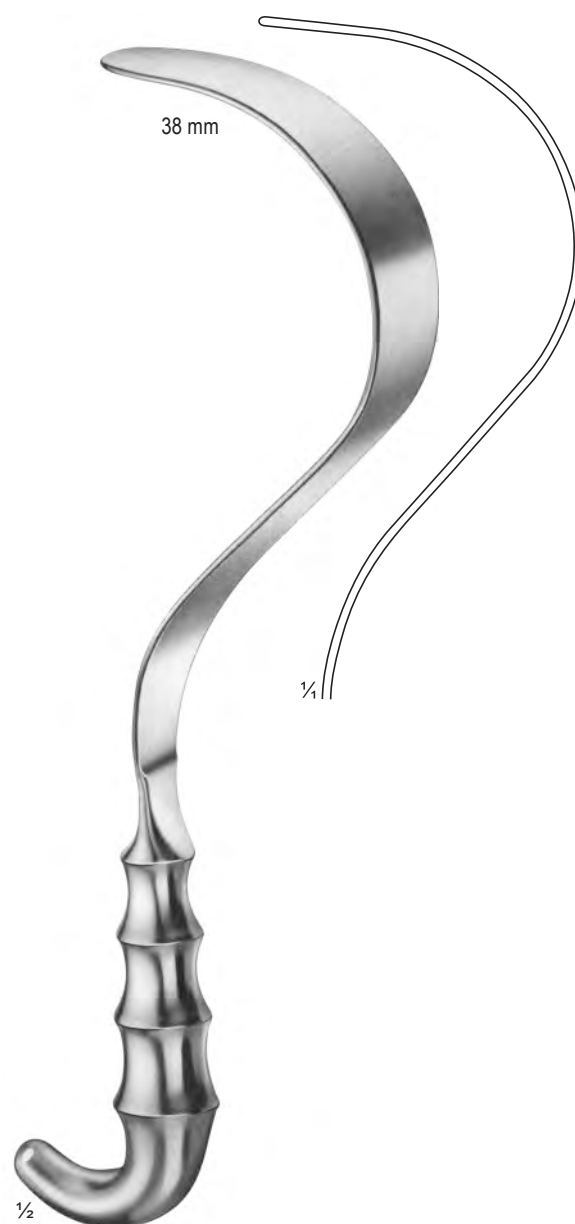
Fig. 5
DEEVER
HI-264
320 mm



RETRACTORS



HI-265
DEAVER
310 mm
Fig. 1



HI-266
DEAVER
310 mm
Fig. 3



1/2

COOLEY
HI-267
250 mm
Right
48 X 48 mm



1/2

COOLEY
HI-268
250 mm
Right, Serrated
48 X 48 mm



1/2

COOLEY
HI-269
275 mm
Left
30 X 48 mm



ABDOMINAL RETRACTORS



ROCHARD
HI-270 - HI-274
310 mm
HI-270 48 x 90 mm
HI-271 48 x 105 mm
HI-272 48 x 120 mm
HI-273 48 x 135 mm
HI-274 48 x 155 mm



HI-275



DOYEN
HI-276 - HI-279
280 mm
HI-276 48 x 90 mm
HI-277 48 x 105 mm
HI-278 48 x 120 mm
HI-279 48 x 135 mm



DOYEN-CHILD
HI-280
Fixation device
220 mm



HI-281
Chain with
weight (747 / 645g)
790 mm



SENN-GREEN
HI-282 - HI-283
160 mm



Fig. 1
HI-282
20 X 6 mm



Fig. 2
HI-283
10 X 6 mm



RAGNELL-DAVIS
HI-284
150 mm

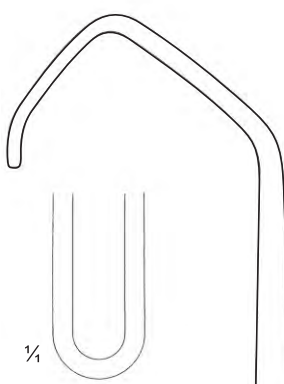


$\frac{1}{4}$
8 X 4.5 mm

15 X 5.5 mm



CUSHING
HI-285
205 mm



$\frac{1}{4}$

19 x 15 mm
19 x 15 mm

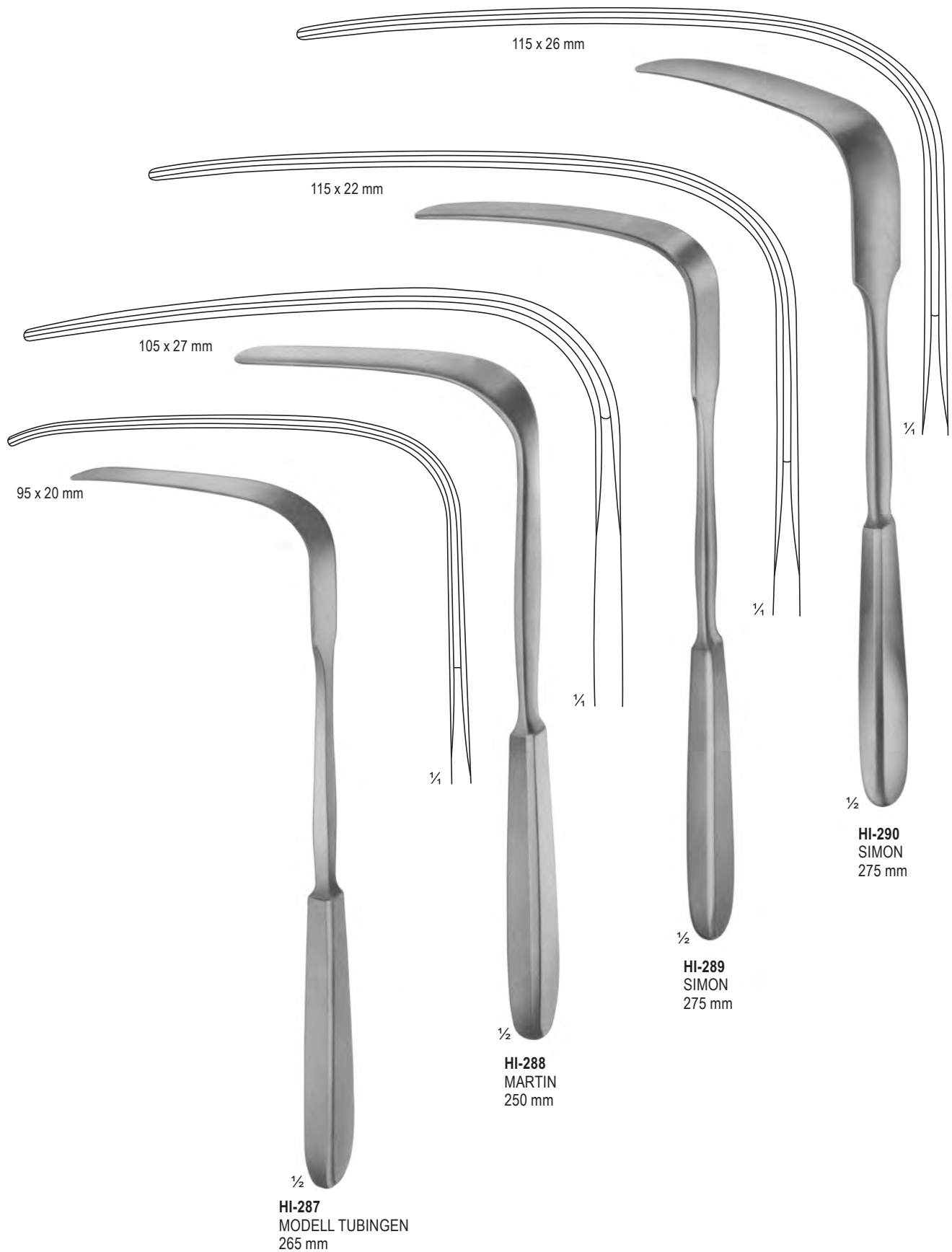


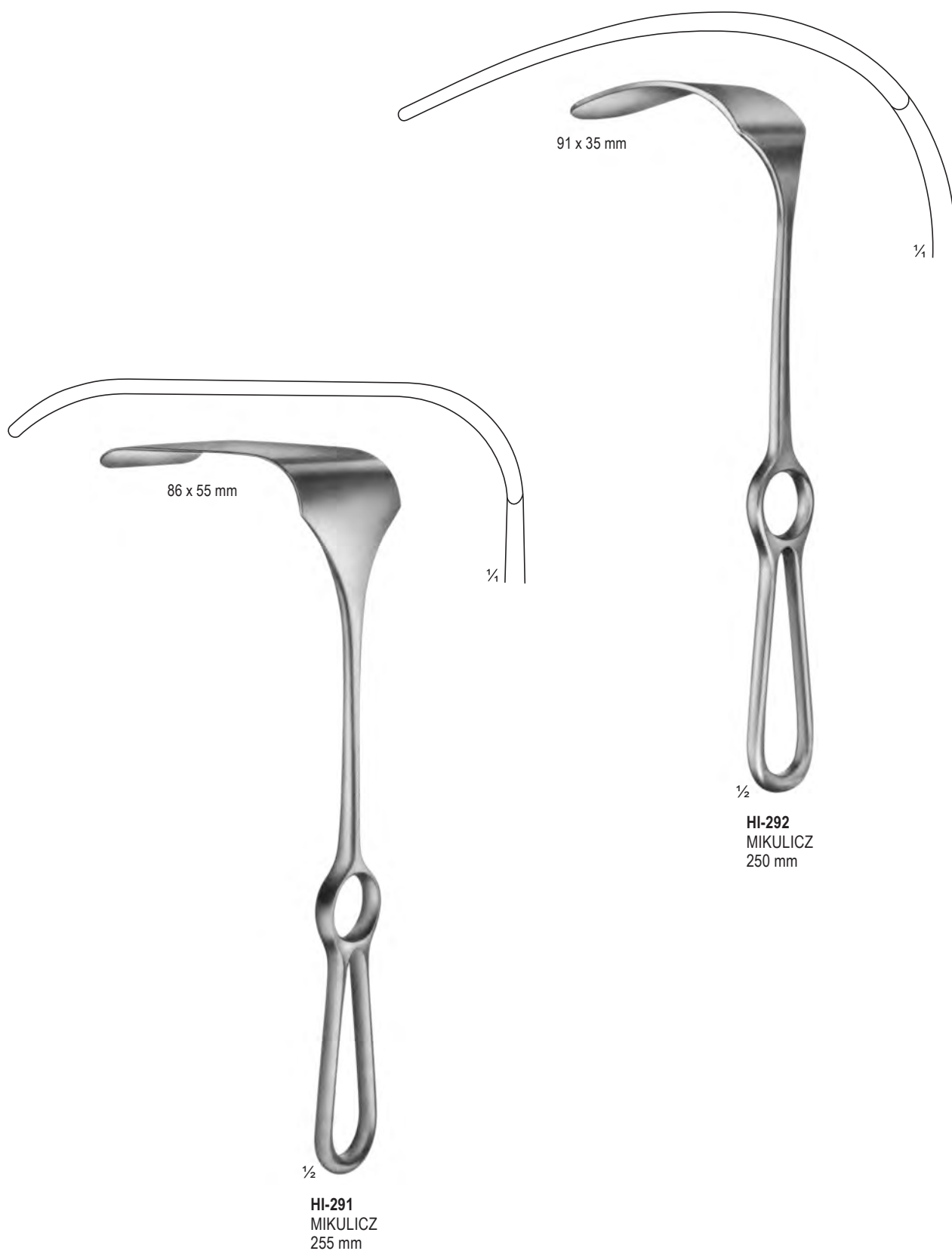
22 x 15 mm
22 x 15 mm
PARKER
HI-286
140 mm





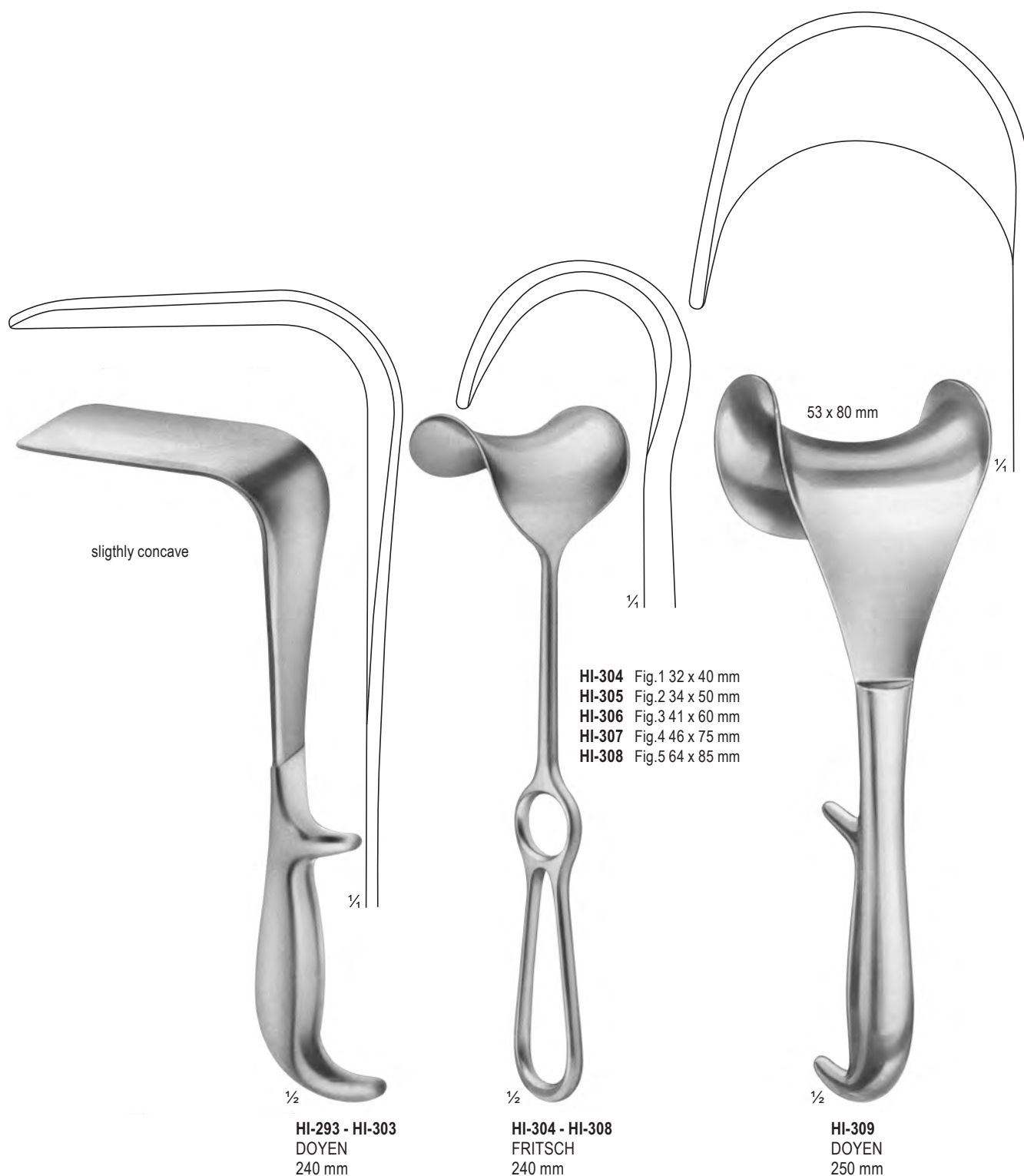
RETRACTORS FOR DEEP SURGERY







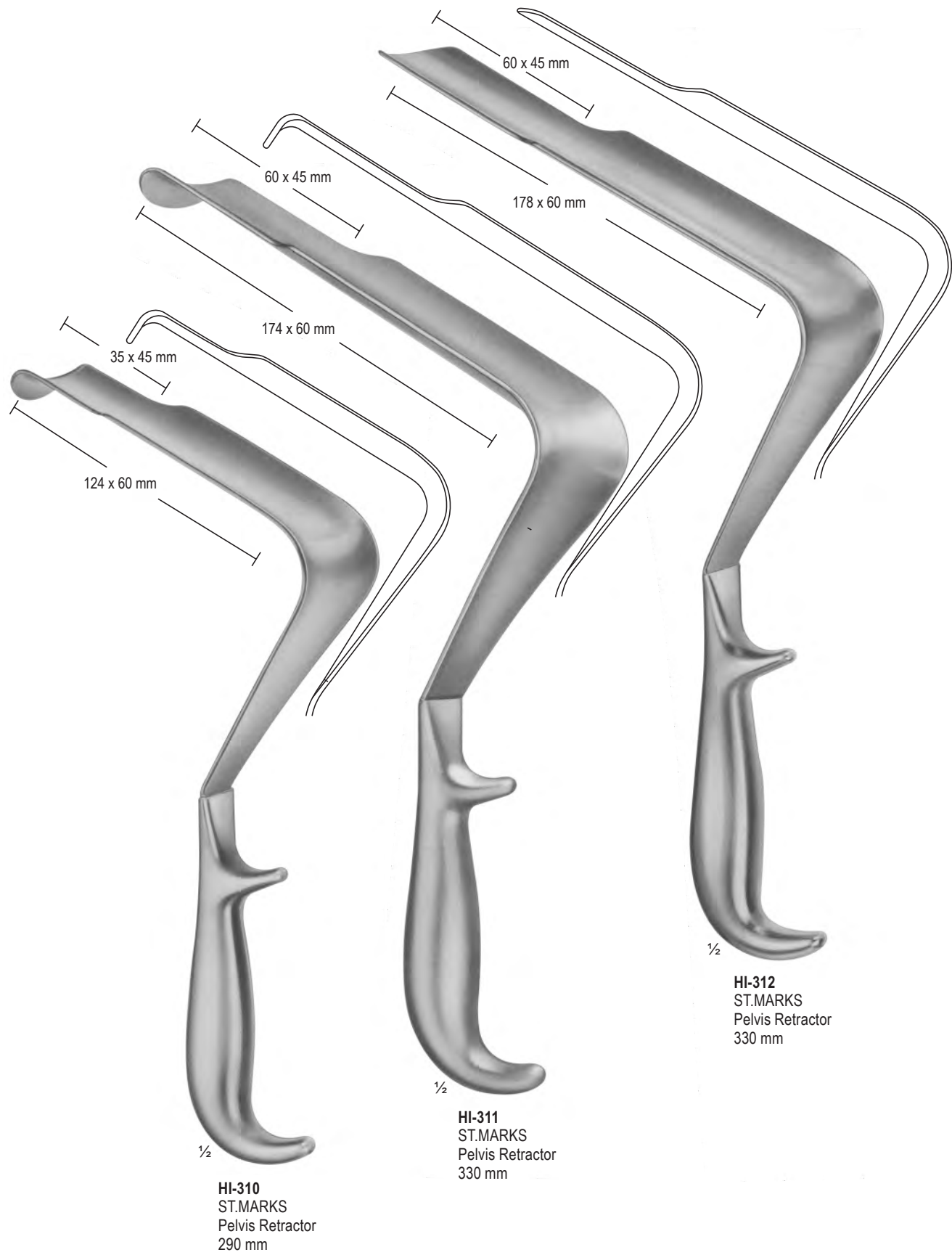
ABDOMINAL RETRACTORS



Width of Blades
35 mm, 45 mm, 60 mm

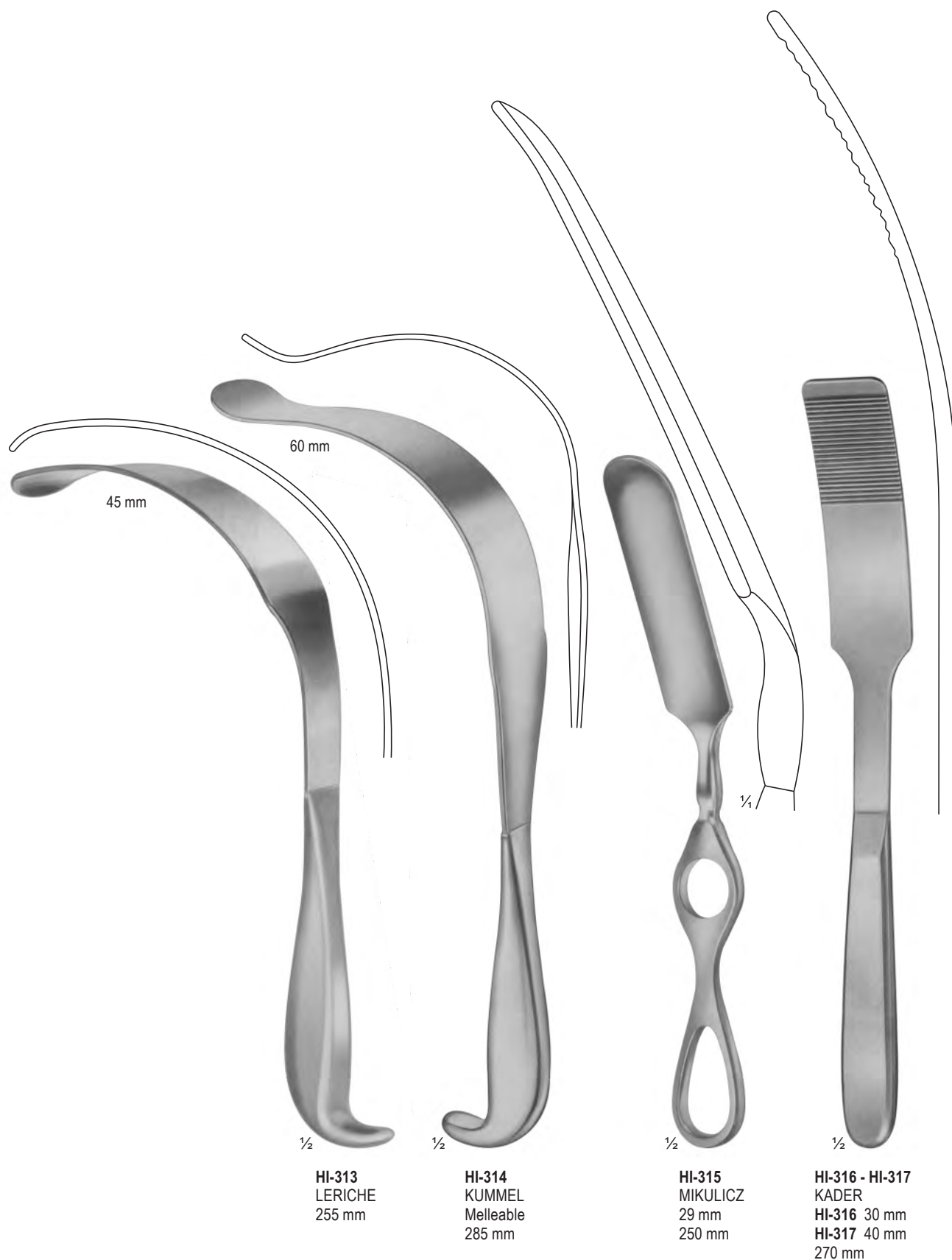
Length of Blades
62 mm
92 mm
122 mm
160 mm

HI-293 , HI-297 , HI-301
HI-294 , HI-298 , HI-302
HI-295 , HI-299 , HI-303
HI-296 , HI-300





ABDOMINAL- AND INTESTINAL SPATULAS





HI-318
REVERDIN
285 mm



HI-319
HABERER
Malleable
305 mm



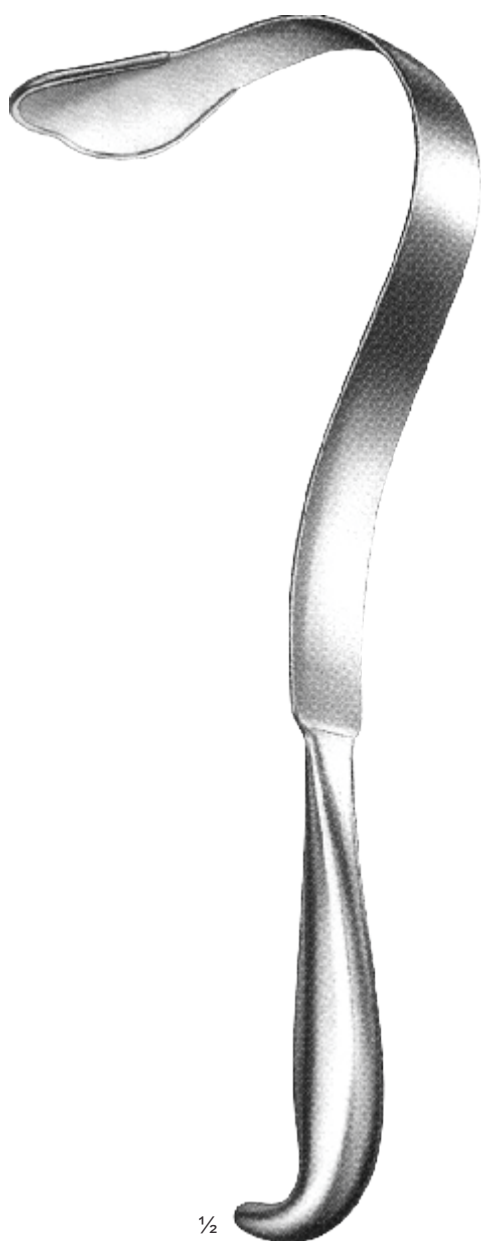
HI-320 - 322
HI-320 30 mm
HI-321 40 mm
HI-322 50 mm
Malleable
330 mm



HI-323
TUFFIER
Malleable
200 mm

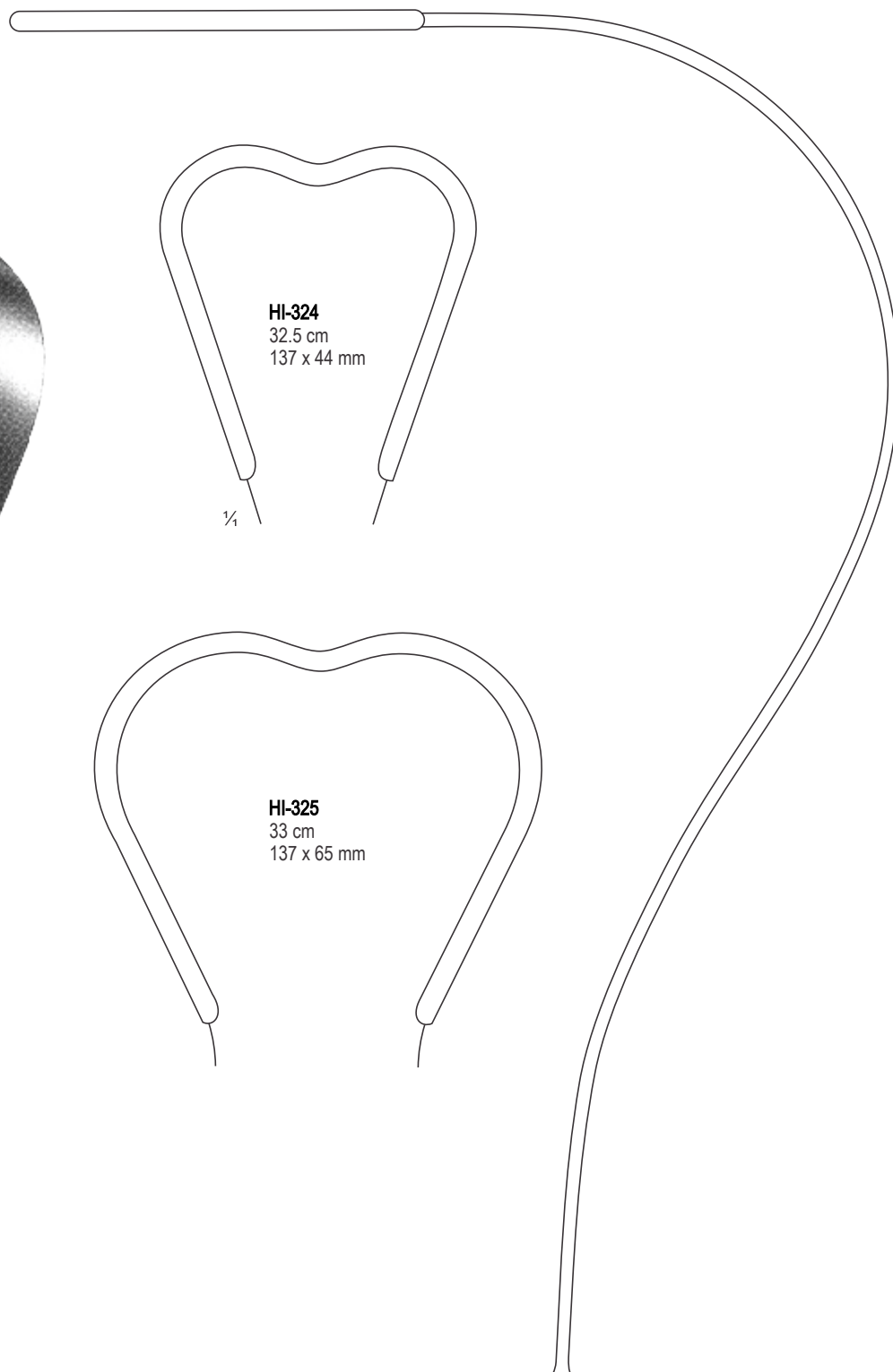


RETRACTORS



1/2

Harrington
HI-324-325





Deaver
HI-326
18 cm
19 mm

Deaver
HI-327
21.5 cm
22 mm

Deaver
HI-328
21.5 cm
25 mm

Deaver
HI-329
30.5 cm
25 mm

Deaver
HI-330
33.5 cm
25 mm