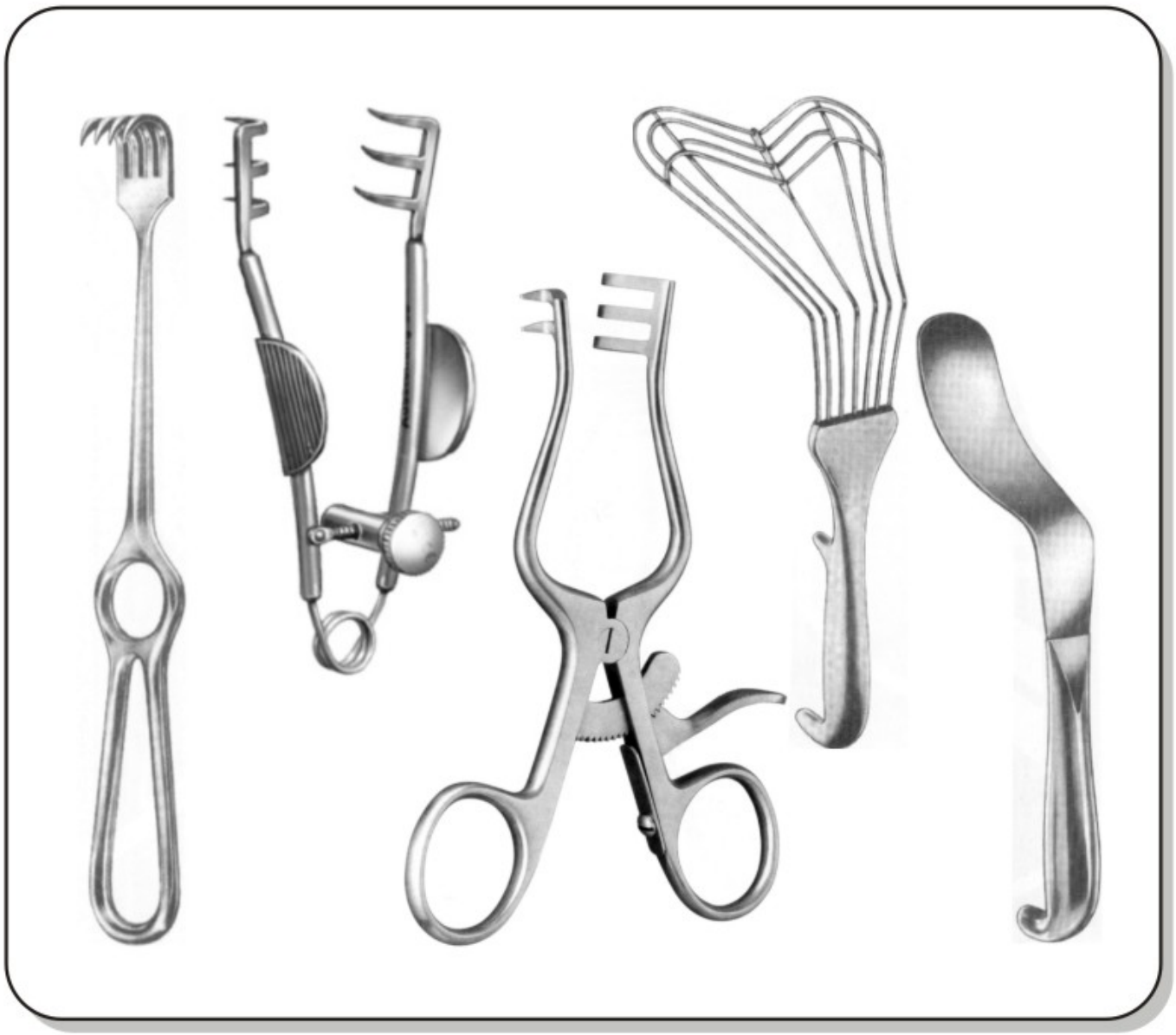
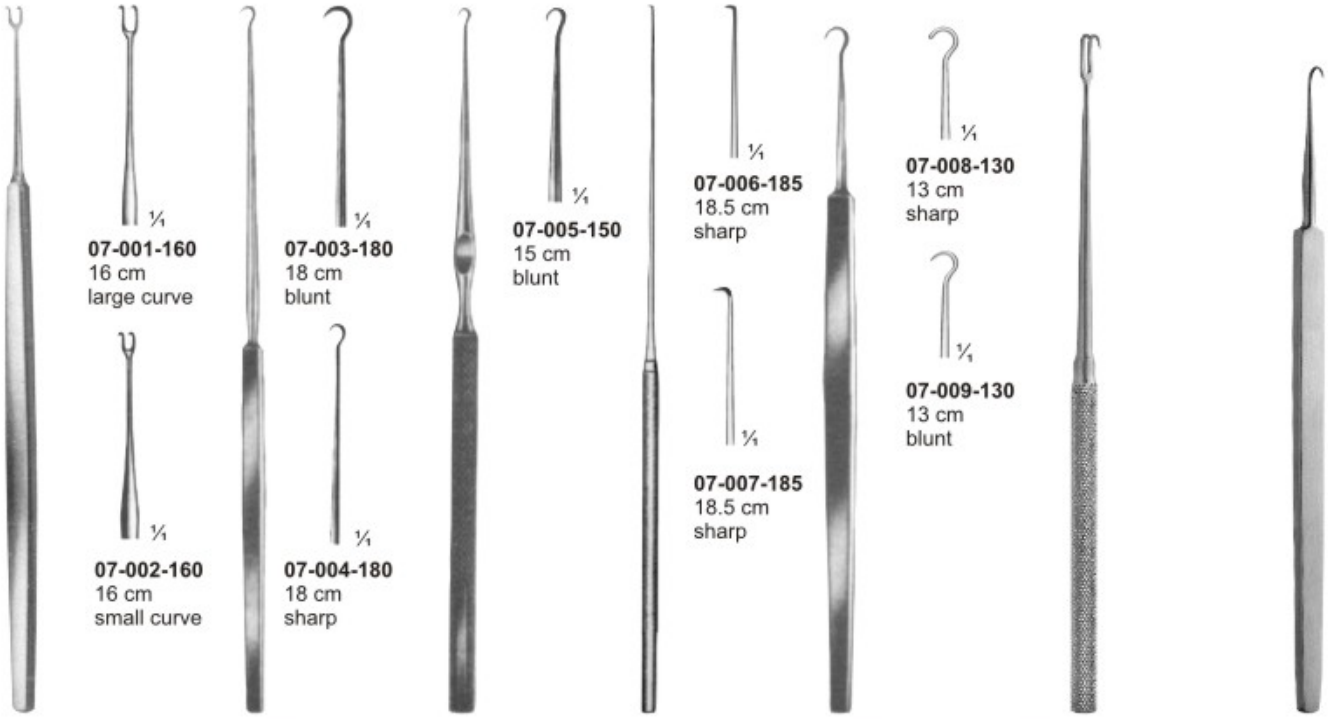
SECTION - 07

RETRACTORS





GUTHRIE

07-001-160
16 cm
large curve

07-002-160
16 cm
small curve

GILLIES

07-003-180
18 cm
blunt

07-004-180
18 cm
sharp

KILNER

07-005-150
15 cm
blunt

FISCH

07-006-185
18.5 cm
sharp

07-007-185
18.5 cm
sharp

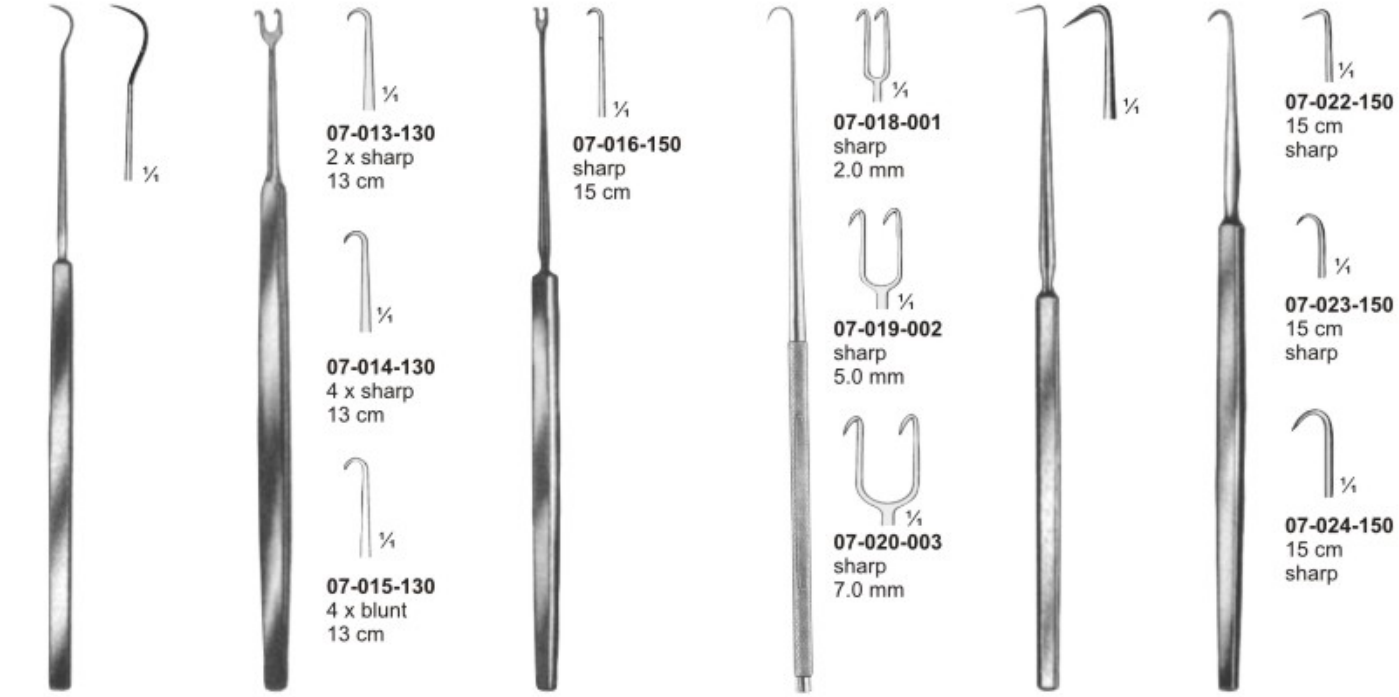
FRAZIER

07-008-130
13 cm
sharp

07-009-130
13 cm
blunt

DOUBLE PRONG
07-010-145
Sharp, 2mm, wide jaws,
14.5 cm

WIENER
07-011-140
Sharp,
14 cm



TOENNIS
07-012-150
15 cm
Sharp

ROLLET

07-013-130
2 x sharp
13 cm

07-014-130
4 x sharp
13 cm

07-015-130
4 x blunt
13 cm

FREER

07-016-150
sharp
15 cm

JOSEPH
07-017-165
16.5 cm

07-018-001
sharp
2.0 mm

07-019-002
sharp
5.0 mm

07-020-003
sharp
7.0 mm

COTTLE
07-021-160
16 cm
sharp

COTTLE

07-022-150
15 cm
sharp

07-023-150
15 cm
sharp

07-024-150
15 cm
sharp



LANGE
07-025-220
22 cm
Fistula hook



KILNER
07-026-100
10 cm
sharp
Skin hooks



EMMET
07-027-220
22 cm
Fistula hook



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



HARTMANN
07-029-160
16 cm
sharp



GRAEFE



07-030-160
16 cm
blunt



07-031-160
16 cm
sharp



FOMON
07-032-170
17 cm
blunt



FOMON
07-033-160
16 cm
blunt
Choana hook



COTTLE-NEIVERT
07-034-200
20 cm
blunt



COTTLE
07-035-150
15 cm
Sharp



COTTLE
07-036-150
15 cm
blunt/Sharp



COTTLE
07-037-150
15 cm
sharp/blunt



CUSHING
07-038-190
19 cm



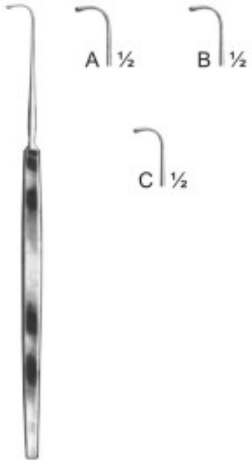
CUSHING
07-039-190
19 cm, blunt
07-040-190
19 cm, sharp
Nerve-and
vessel hook



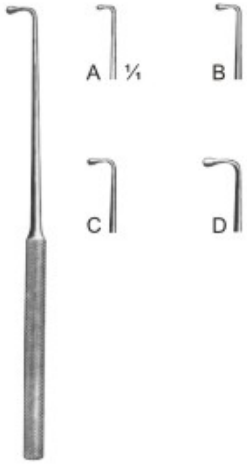
CUSHING
07-041-280
28 cm, blunt
07-042-280
28 cm, sharp
Nerve-and
vessel hook



CRILE
07-043-200
20 cm



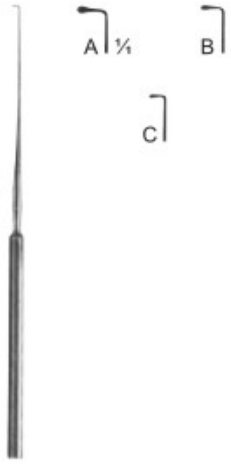
GRAEFE
07-044-130 13.0 cm - A
07-045-140 14.0 cm - B
07-046-150 15.0 cm - C



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



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



LUCAE
07-053-140 14.0 cm - A
07-054-140 14.0 cm - B
07-055-140 14.0 cm - C





07-056-200
8 mm
20 cm



07-057-200
10 mm
20 cm



07-058-200
12 mm
20 cm



07-059-200
14 mm
20 cm



07-060-200
16 mm
20 cm



07-061-200
18 mm
20 cm

CUSHING





07-062-240
8 mm
24 cm



07-063-240
10 mm
24 cm



07-064-240
12 mm
24 cm



07-065-240
14 mm
24 cm



07-066-240
16 mm
24 cm



07-067-240
18 mm
24 cm

CUSHING





07-068-240
11 x 14 mm
24 cm



07-069-240
13 x 18 mm
24 cm



07-070-240
15 x 22 mm
24 cm

CUSHING





07-071-180
10 x 10 mm
18 cm

CUSHING-KOCHER



DESMARRES



07-072-140
7 x 8 mm
14 cm



07-073-140
9 x 10 mm
14 cm



07-074-140
9 x 12 mm
14 cm



07-075-140
11 x 14 mm
14 cm



07-076-140
13 x 16 mm
14 cm



07-077-140
13 x 18 mm
14 cm



LANGENBECK-MINI

07-078-160
10 x 6 mm
16 cm

07-079-160
17 x 5 mm
16 cm

07-080-160
20 x 6 mm
16 cm

07-081-160
22 x 8 mm
16 cm

NEIVERT
07-082-160
16 cm

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

DESMARRES FENESTRATED

07-084-160
12 mm
16 cm

07-085-160
14 mm
16 cm

07-086-160
16 mm
16 cm

07-087-160
18 mm
16 cm

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



KONIG

07-089-170
13 x 13 mm
17 cm

07-090-170
12 x 16 mm
17 cm

SENN-GREEN

07-091-150
10 x 6 mm
15 cm

07-092-150
20 x 6 mm
15 cm

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

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



SCOVILLE
07-095-200
7 mm
20 cm



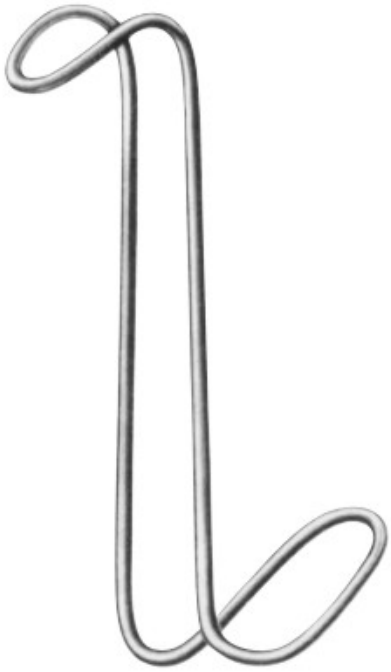
HOLSHER
07-096-240
7 mm
24 cm



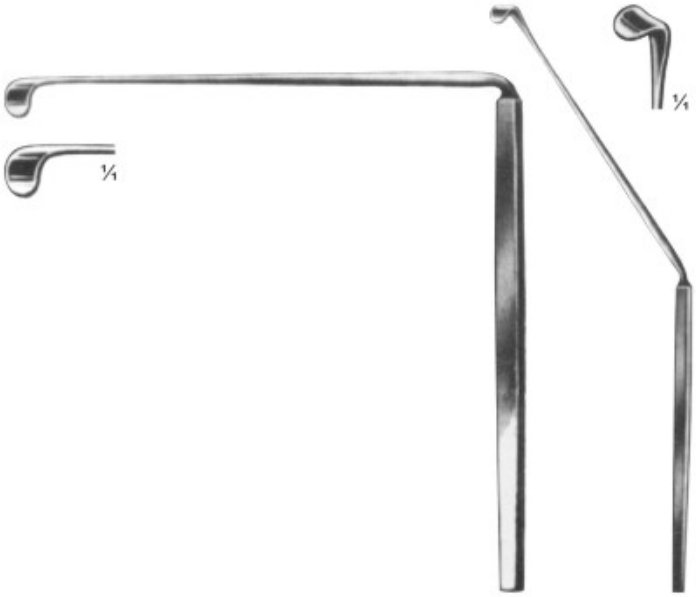
SCOVILLE
07-097-230
8 mm
23 cm



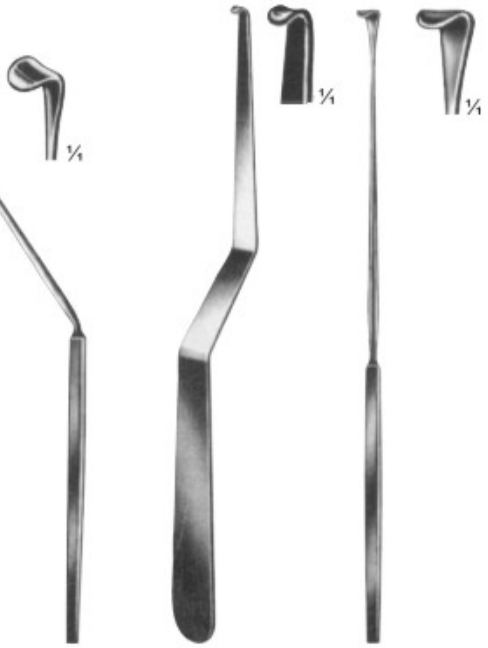
STERNBERG
07-098-120 12 cm
07-099-140 14 cm
07-100-160 16 cm



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



LOVE
07-103-190
19 cm



LOVE
07-104-190
19 cm

LOVE
07-105-210
4 mm
21 cm

LOVE
07-106-190
19 cm



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

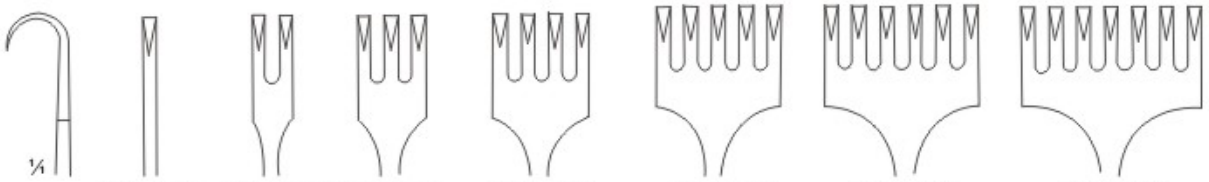


VOLKMAN
07-108-220
Blunt, 4 Prongs
22 cm



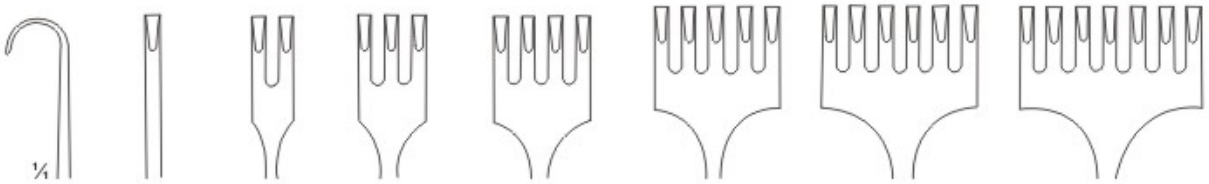
VOLKMANN

Sharp



07-109-215 21.5 cm
07-110-215 21.5 cm
07-111-215 21.5 cm
07-112-215 21.5 cm
07-113-215 21.5 cm
07-114-215 21.5 cm
07-115-215 21.5 cm

Blunt

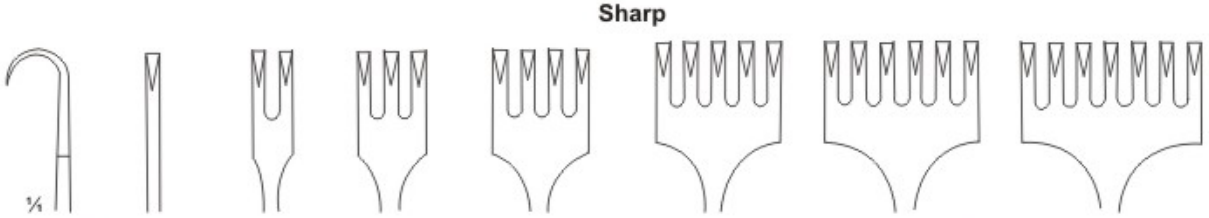


07-116-215 21.5 cm
07-117-215 21.5 cm
07-118-215 21.5 cm
07-119-215 21.5 cm
07-120-215 21.5 cm
07-121-215 21.5 cm
07-122-215 21.5 cm



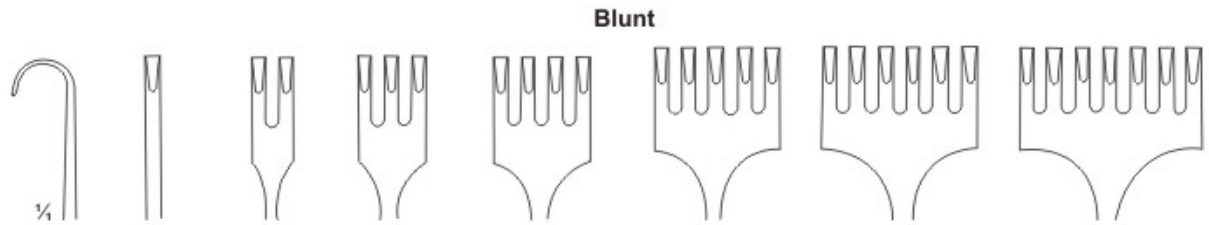
VOLKMANN

Sharp



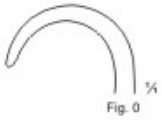
07-123-215 21.5 cm
07-124-215 21.5 cm
07-125-215 21.5 cm
07-126-215 21.5 cm
07-127-215 21.5 cm
07-128-215 21.5 cm
07-129-215 21.5 cm

Blunt



07-130-215 21.5 cm
07-131-215 21.5 cm
07-132-215 21.5 cm
07-133-215 21.5 cm
07-134-215 21.5 cm
07-135-215 21.5 cm
07-136-215 21.5 cm











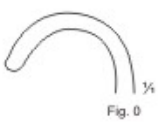




KOCHER
Sharp

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









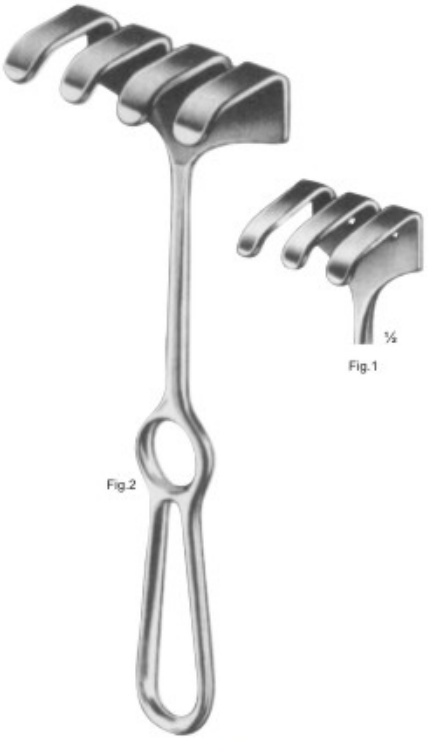






KOCHER
Blunt

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



OLLIER
blunt

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



ISRAEL
07-149-225
22.5 cm
Blunt











ISRAEL
blunt

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



MIDDELDORPF



07-154-210
14 x 7 mm
21 cm



07-155-210
20 x 22 mm
21 cm



07-156-210
26 x 30 mm
21 cm



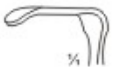
OLLIER
07-157-185
18.5 cm



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



VOLKMANN



07-159-200
20 x 7 mm
20 cm



07-160-200
30 x 7 mm
20 cm



07-161-200
30 x 11 mm
20 cm



07-162-200
30 x 15 mm
20 cm



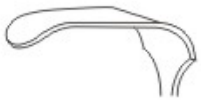
07-163-200
30 x 20 mm
20 cm



07-164-200
44 x 10 mm
20 cm



07-165-200
44 x 15 mm
20 cm



07-166-200
45 x 20 mm
20 cm



07-167-200
50 x 20 mm
20 cm



07-168-200
60 x 20 mm
20 cm



KOCHER-LANGENBECK



07-169-215
25 x 6 mm
21.5 cm



07-170-215
35 x 8 mm
21.5 cm



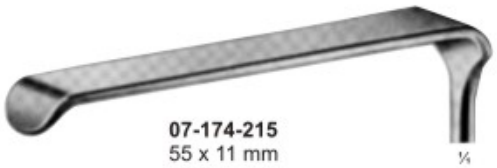
07-171-215
35 x 11 mm
21.5 cm



07-172-215
35 x 15 mm
21.5 cm



07-173-215
40 x 11 mm
21.5 cm



07-174-215
55 x 11 mm
21.5 cm



07-175-215
70 x 14 mm
21.5 cm



07-176-215
80 x 12 mm
21.5 cm



07-177-215
80 x 16 mm
21.5 cm



CASPAR



07-178-210
40 x 12 mm
21 cm



07-179-210
55 x 14 mm
21 cm



KOCHER-
WAGNER



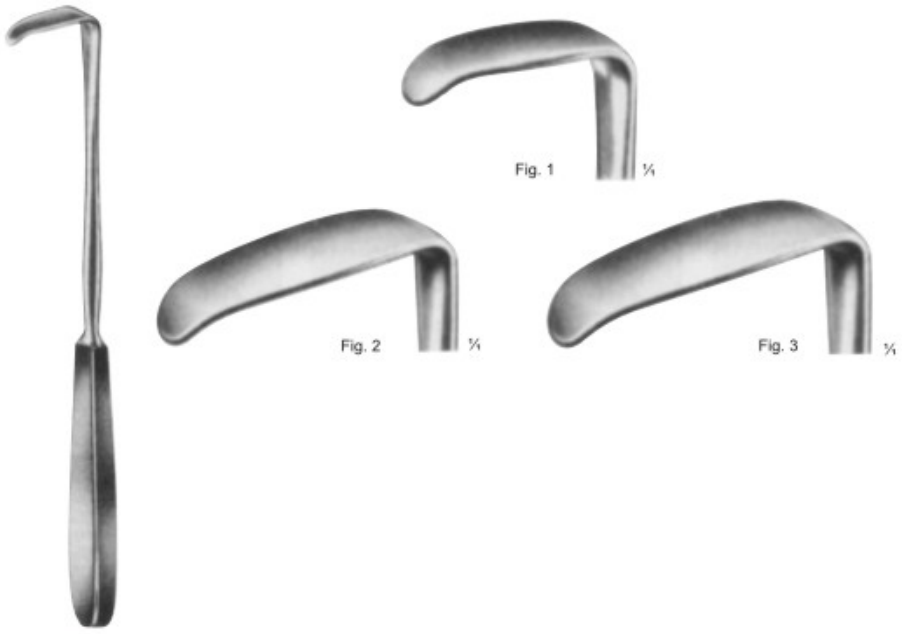
07-180-280
22 x 15 mm
28 cm



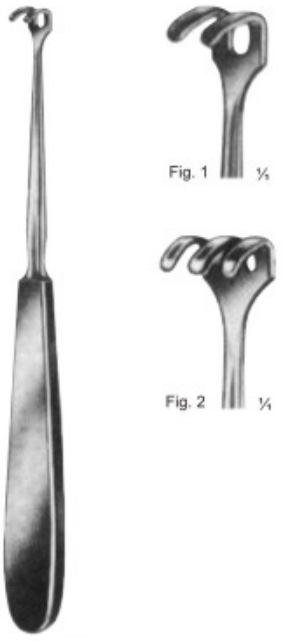
07-181-280
38 x 20 mm
28 cm



07-182-280
67 x 25 mm
28 cm



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



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



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



MEYERDING



07-189-175
17.5 cm
Saddle Shaped

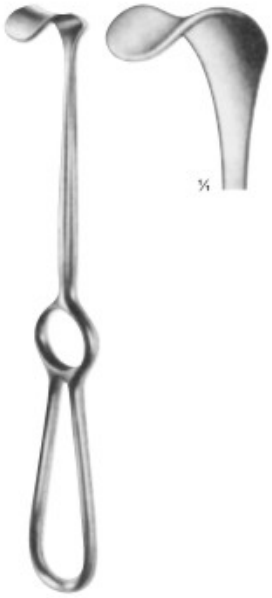
07-190-175
17.5 cm
Blunt

07-191-175
17.5 cm
Blunt

07-192-175
17.5 cm
Toothed

07-193-175
17.5 cm
Toothed

07-194-175
17.5 cm
Sharp



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



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



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



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



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



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



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



GREEN



07-215-220
25 x 12mm
22 cm



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



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



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



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



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



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



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



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



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



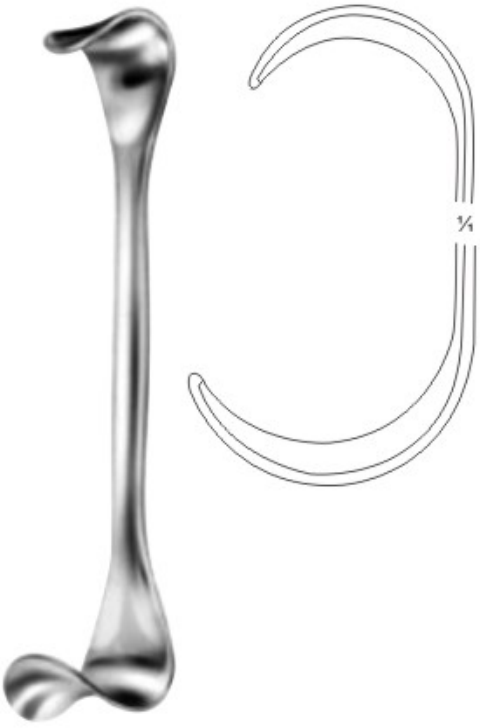
ST. MARKS
07-233-330 33 cm
60 x 45 mm
07-234-330 33 cm
178 x 60 mm



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



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



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



KAYE-MILLARD
07-241-080
8 cm



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



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



RICHARDSON/KELLY



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



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



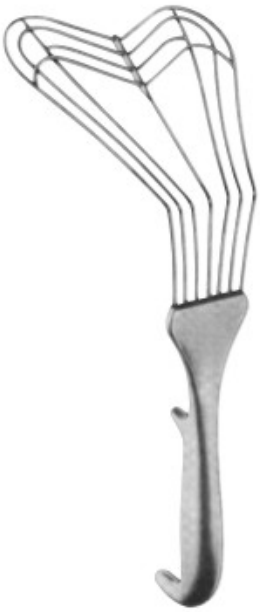
07-250-240
24 cm
38 x 51mm
Grip Handle



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



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



ALLISON
07-254-260 26 cm
137 mm



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



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



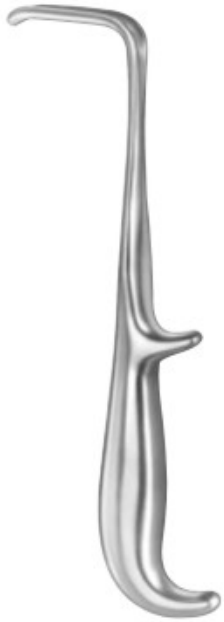
KOERTE
07-257-280
28 cm
120 x 45 mm



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



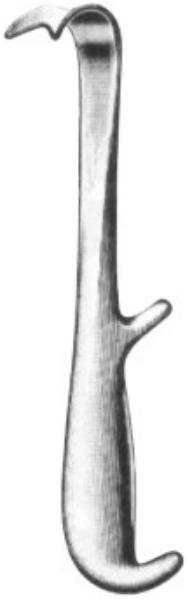
YOUNG
07-260-220 22 cm



YOUNG
07-261-210 21 cm



YOUNG
07-262-220
22 cm



YOUNG
07-263-210
21 cm



MEYERDING
07-264-235
23.5 cm
Medium



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



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



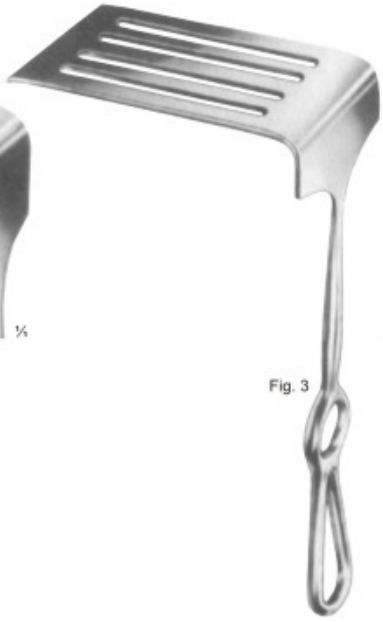
SIMON
07-267-280 28 cm
07-268-280 28 cm
115 x 22 mm
115 x 27 mm



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


Fig. 1 ½


Fig. 2 ½


Fig. 3



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

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



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



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



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



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



VOLKMANN
Long Pattern
22.2 cm

07-289-222 Blunt, 2 prongs.	**07-294-222** Sharp, 2 prongs.
07-290-222 Blunt, 3 prongs.	**07-295-222** Sharp, 3 prongs.
07-291-222 Blunt, 4 prongs.	**07-296-222** Sharp, 4 prongs.
07-292-222 Blunt, 5 prongs.	**07-297-222** Sharp, 5 prongs.
07-293-222 Blunt, 6 prongs.	**07-298-222** Sharp, 6 prongs.



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

RICHARDSON



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

LAMBOTTE

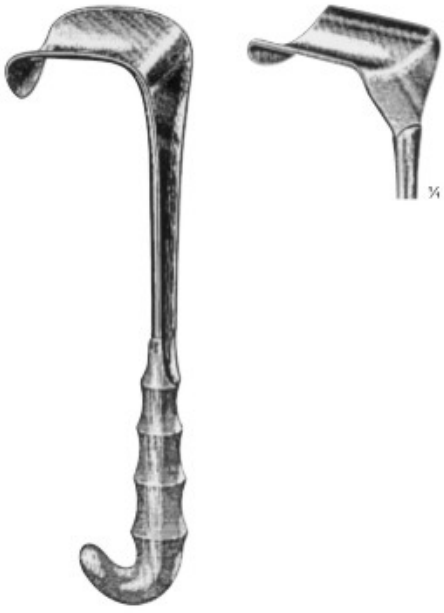


MAYO ABDOMINAL
07-307-000
2.75 x 10 mm



BREWSTER

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



KELLY

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



SIMS-KELLY

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



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



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



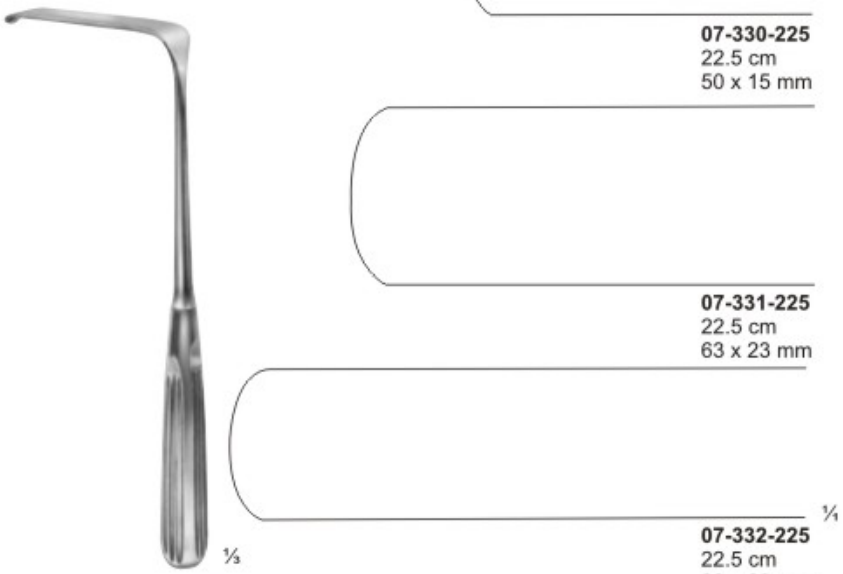
TAUBER VAGINAL SPATULA
07-323-235 23.5 cm
Blade 8.9 cm x 3.5 cm wide



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



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



07-330-225
22.5 cm
50 x 15 mm

07-331-225
22.5 cm
63 x 23 mm

07-332-225
22.5 cm
80 x 20 mm

SAUERBRUCH



07-333-250
25 cm
35 x 8 mm

07-334-265
26.5 cm
60 x 12 mm

07-335-275
27.5 cm
75 x 12 mm

07-336-285
28.5 cm
85 x 20 mm

07-337-305
30.5 cm
100 x 25 mm

ZENKER



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



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



COOLEY
07-341-250
25 cm
Right



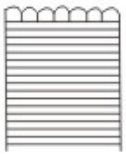
COOLEY
07-342-250
25 cm
Right - Serrated



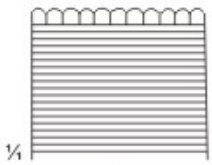
COOLEY
07-343-270
27 cm
Left



CRAWFORD



07-344-190
19 cm
15 X 15 mm



1/1

07-345-190
19 cm
15 X 23 mm



ROSS
25.5 cm



07-346-255
Fig.01



07-347-255
Fig.02



07-348-255
Fig.03



07-349-255
Fig.04



07-350-255
Fig.05



1/1

07-351-255
Fig.06



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



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



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



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



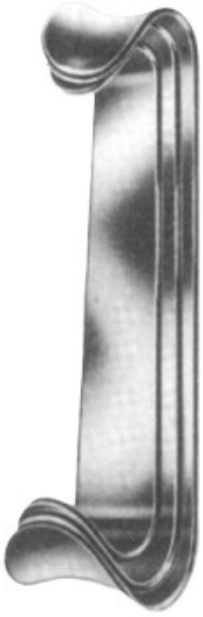
CRILE
07-359-110 11 cm
11 x 4 mm
07-360-110 11 cm
19 x 6 mm



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



MINI-ROUX
07-363-140
14 cm



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



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



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



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



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



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



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



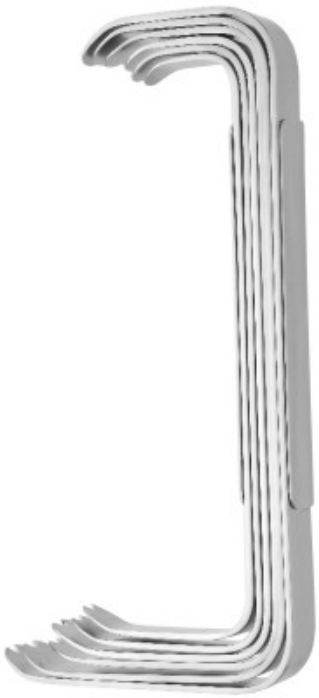
RICHARDSON EASTMAN
07-379-260
26 cm
small



RICHARDSON EASTMAN
07-380-280
28 cm



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



USA
07-385-00
set of 6 pec.



½

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

MALLEABLE



RIBBON
07-394-200
20 cm
Width 4 cm



RIBBON
07-395-200
20 cm
Width 2.5 cm



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



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



BLOOD SCOOP
07-400-150
15 cm



DEAVER
07-401-300
30 cm
75 mm



DEAVER
07-402-300
30 cm
50 mm



DEAVER
07-403-300
30 cm
38 mm



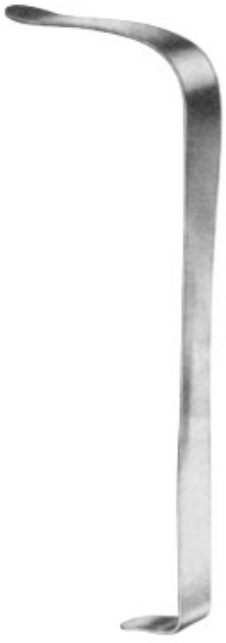
DEAVER
07-404-360
36 cm
25 mm



DEAVER
07-405-330
33 cm
25 mm



DEAVER
07-406-300
30 cm
25 mm



DEAVER
07-407-230
23 cm
25 mm



DEAVER
07-408-215
21.5 cm
22 mm



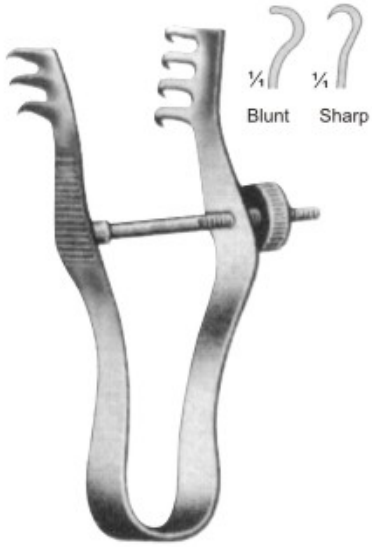
DEAVER
07-409-180
18 cm
19 mm



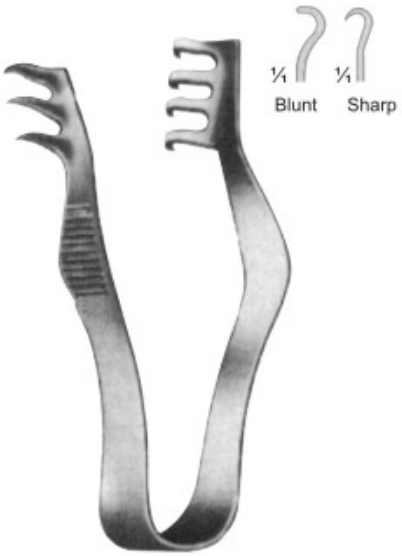
S-SHAPED
07-410-210
21 cm
12 mm



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



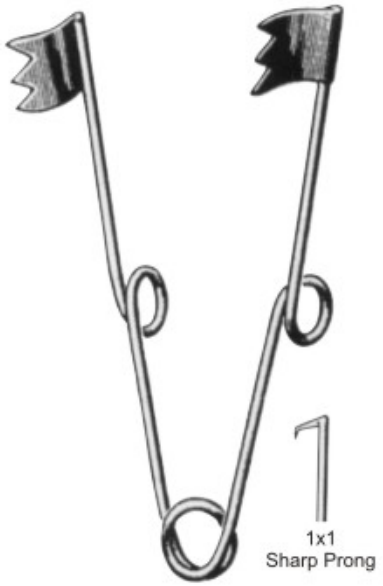
FINSEN
07-413-070 7 cm
3 x 4 teeth
sharp



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



BUCKLEY
07-416-060
6 cm



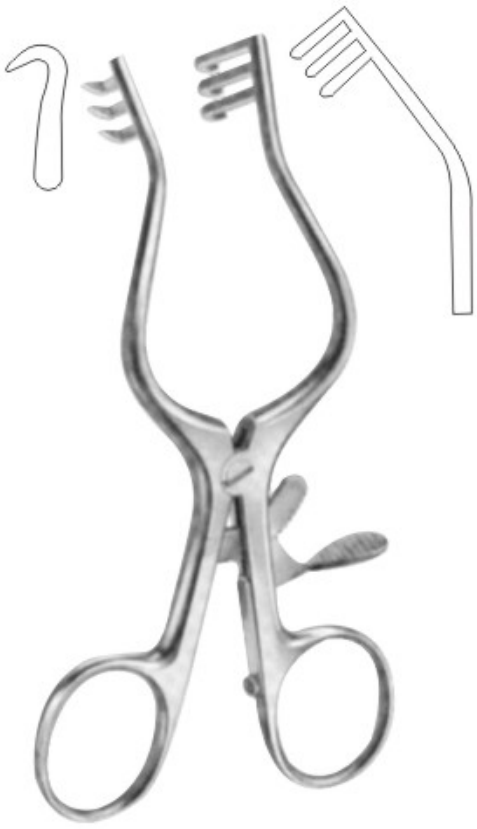
WIRE RETAINING
07-417-085 8.5 cm 3 x 3 Prong
07-418-085 8.5 cm 1 x 1 Prong Sharp



ALM
07-419-00
70 mm



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



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



BECKMANN ADSON
07-424-290
29 cm



HOUZEL
07-425-000



MOLLISON
07-426-150
15 cm



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

ANDERSON-ADSON



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

BECKMANN



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

BECKMANN/EATON



WEITLANER

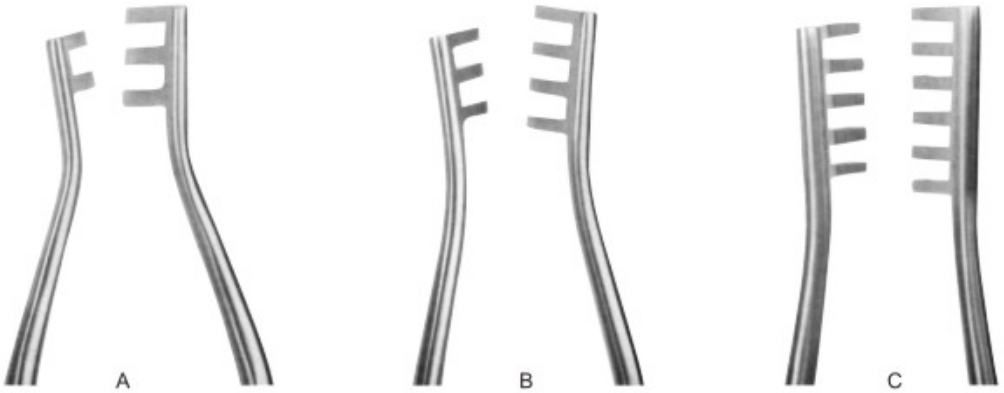
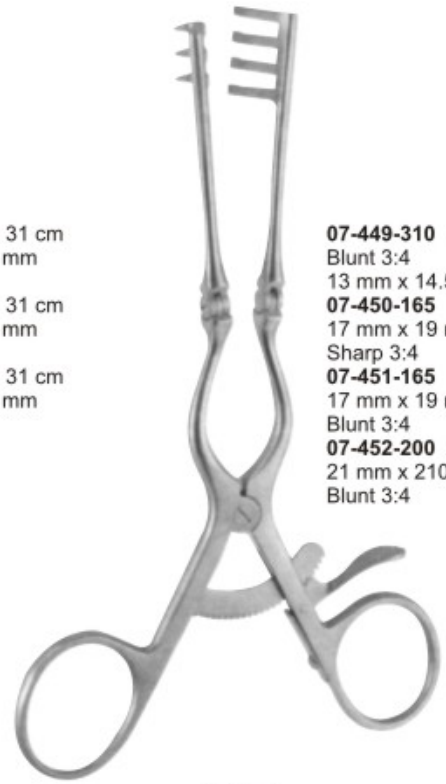


Fig.	Item	Description	Blade (Depth x width)
A	**07-432-105**	10.5 cm Sharp, 2:3	15 mm x 12 mm
A	**07-433-105**	10.5 cm Blunt, 2:3	15 mm x 12 mm
B	**07-434-130**	13 cm Sharp, 3:4	18.5 mm x 18.5 mm
B	**07-435-130**	13 cm Blunt, 3:4	18.5 mm x 18.5 mm
B	**07-436-130**	13 cm Sharp, 3:4	18.5 mm x 18.5 mm
B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



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

BECKMANN/ADSON



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

CONE



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

GELPI



GELPI PERINEAL
07-457-180
18 cm



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



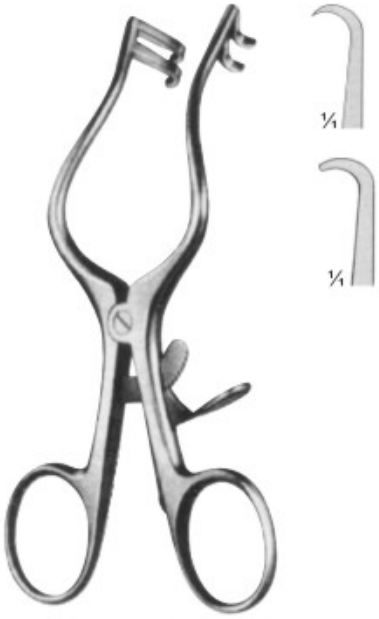
MILLIGAN
07-460-130
18.5 mm x 20 mm
Blunt, 3:3
13 cm



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



TUEBINGER MODELL
07-462-160
16 cm



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



PLESTER



07-464-110
11 cm fig. 1 Blunt



07-465-110
11 cm fig. 2 Blunt



ADSON



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



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



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



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





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



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

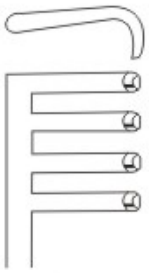
CLOWARD
07-471-260 26 cm
Complete with 5 blades
07-472-260 26 cm
Consisting of spreader only
Each 1 blade



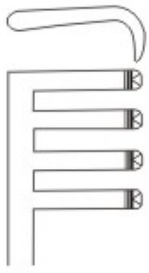
CASPAR
07-483-160 16 cm
Complete with 5 blades
07-484-160 16 cm
Consisting of spreader only
Each 1 blade



HENLEY



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



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



WULLSTEIN

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



TRAVERS
07-493-220
21 cm



RIGHBY

07-494-180	35 x 20 mm
07-495-180	60 x 20 mm
07-496-180	65 x 15 mm

18 cm



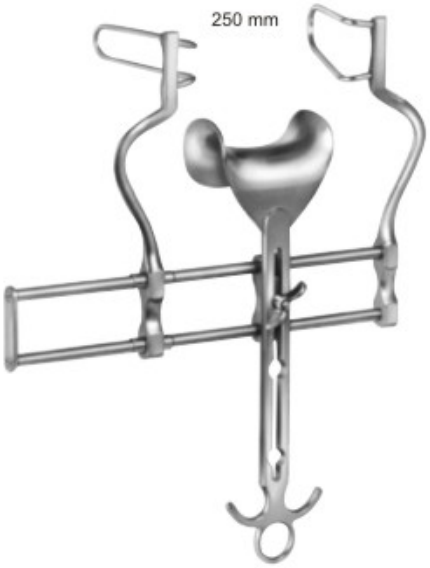
MISKIMON

07-497-220	Sharp
07-498-220	Blunt

22 cm



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



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



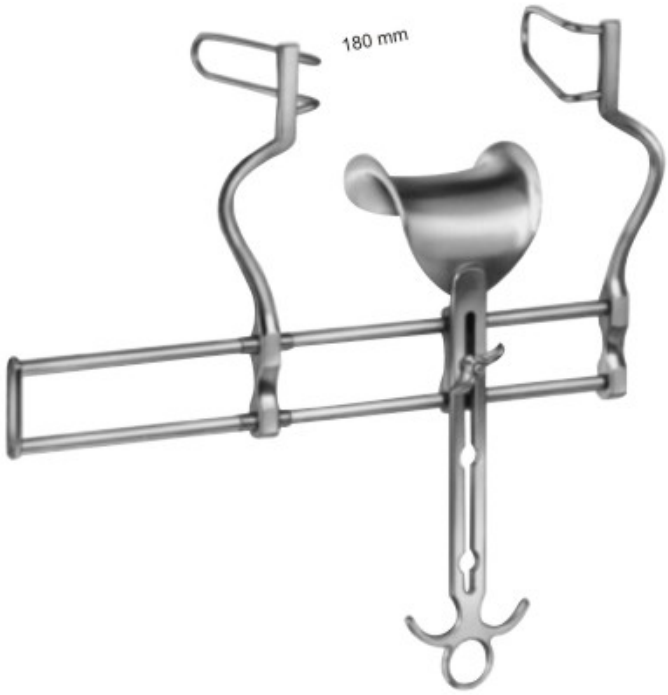
BALFOUR/BABY
07-503-00 90 mm
07-504-00 24 x 20 mm
07-505-00 27 x 27 mm



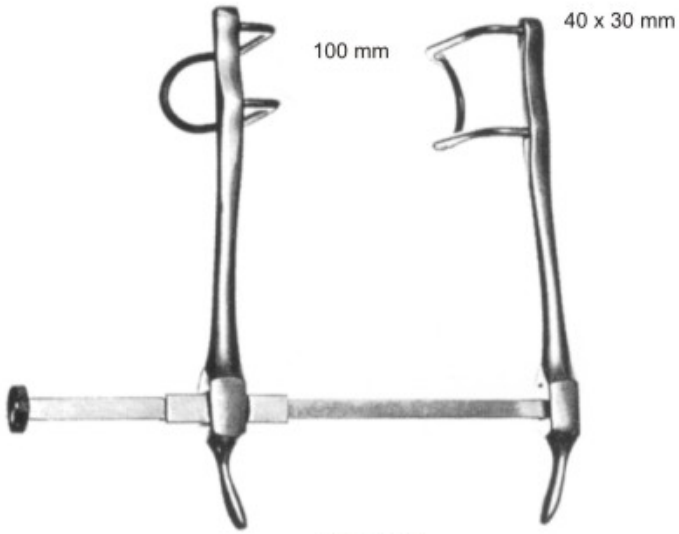
BALFOUR/US
07-506-250 25 cm 45 x 80 mm
07-507-250 25 cm 70 x 35 mm
07-508-250 25 cm 100 x 35 mm



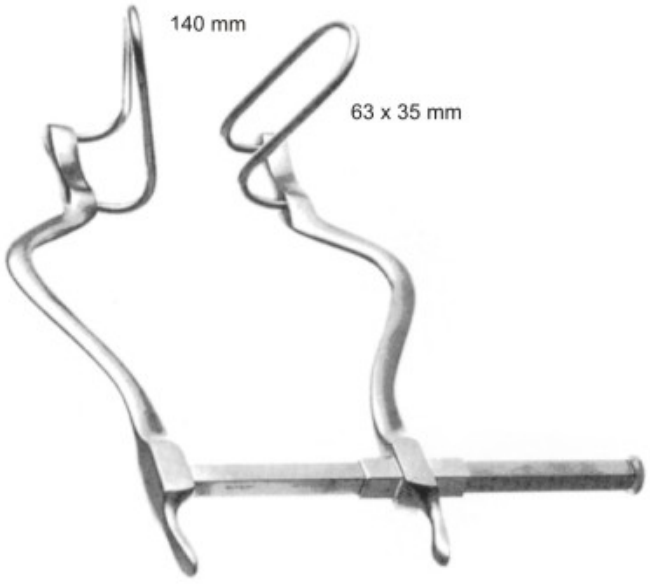
07-509-000
Center Blade
45 x 80 mm



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



GOSSET
07-512-000



GOSSET
07-513-000



GOSSET
07-514-000



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



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



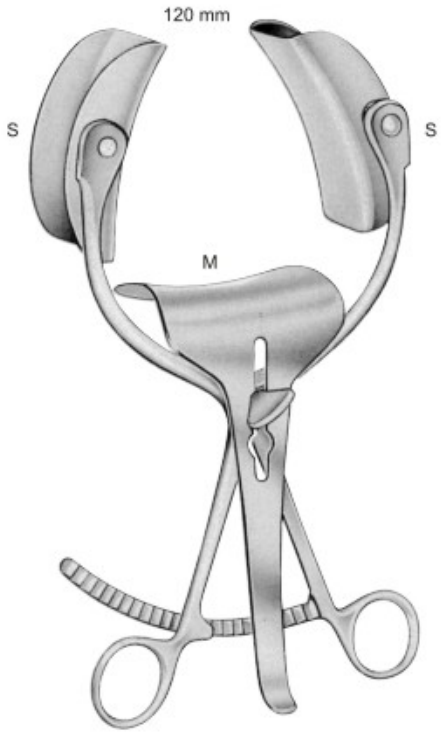
07-518-00
Set of 2 Retractor Blade
80 x 45 mm



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

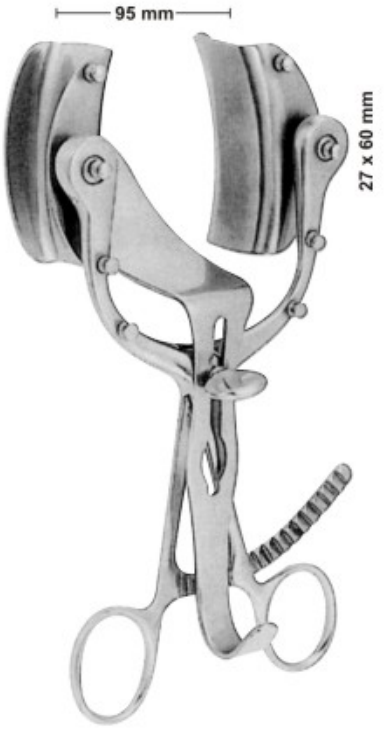


COLLIN
07-520-180 18 cm
complete with 2 lateral blades



COLLIN

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



LEGUEU
07-524-170
17 cm



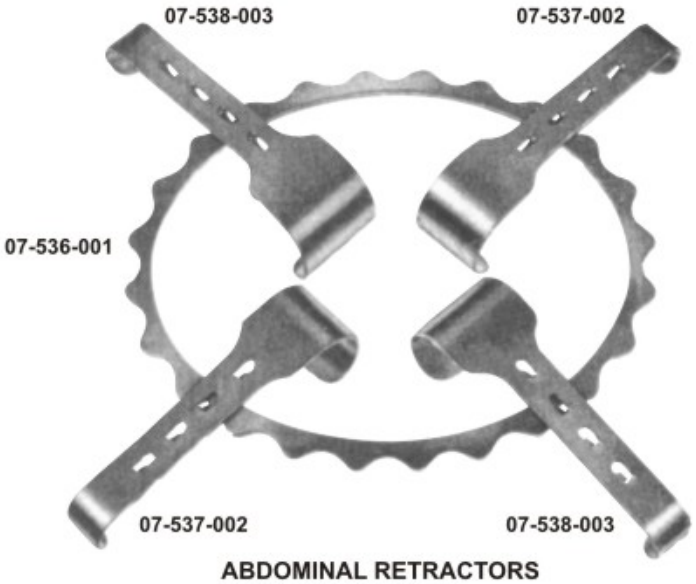
RICARD
07-525-280 28 cm
complete with 2 lateral blades and central blade
70 mm x 90 mm



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



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



ABDOMINAL RETRACTORS
for new-born and children

DENIS-BROWNE
07-535-000
complete

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

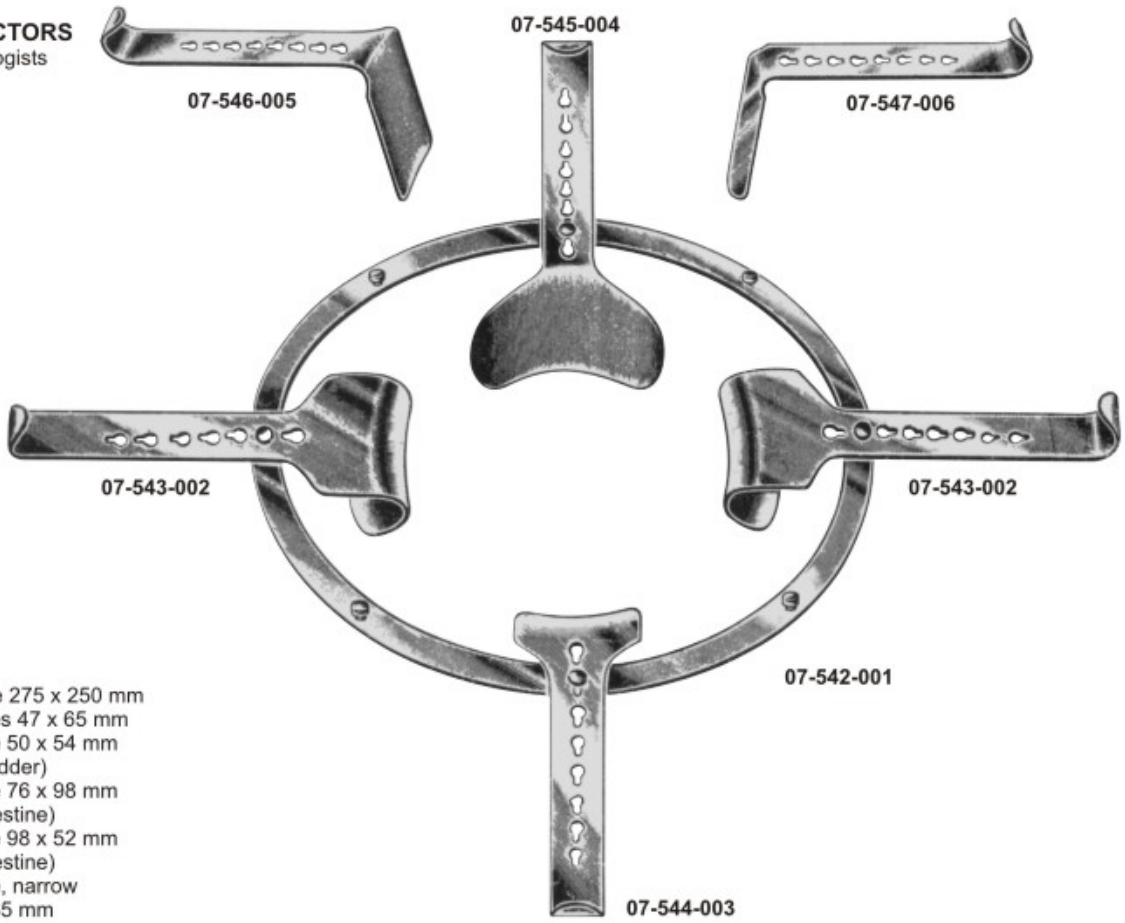
07-539-004
Blades only 20 x 30 mm



07-540-005
Blades only 20 x 40 mm

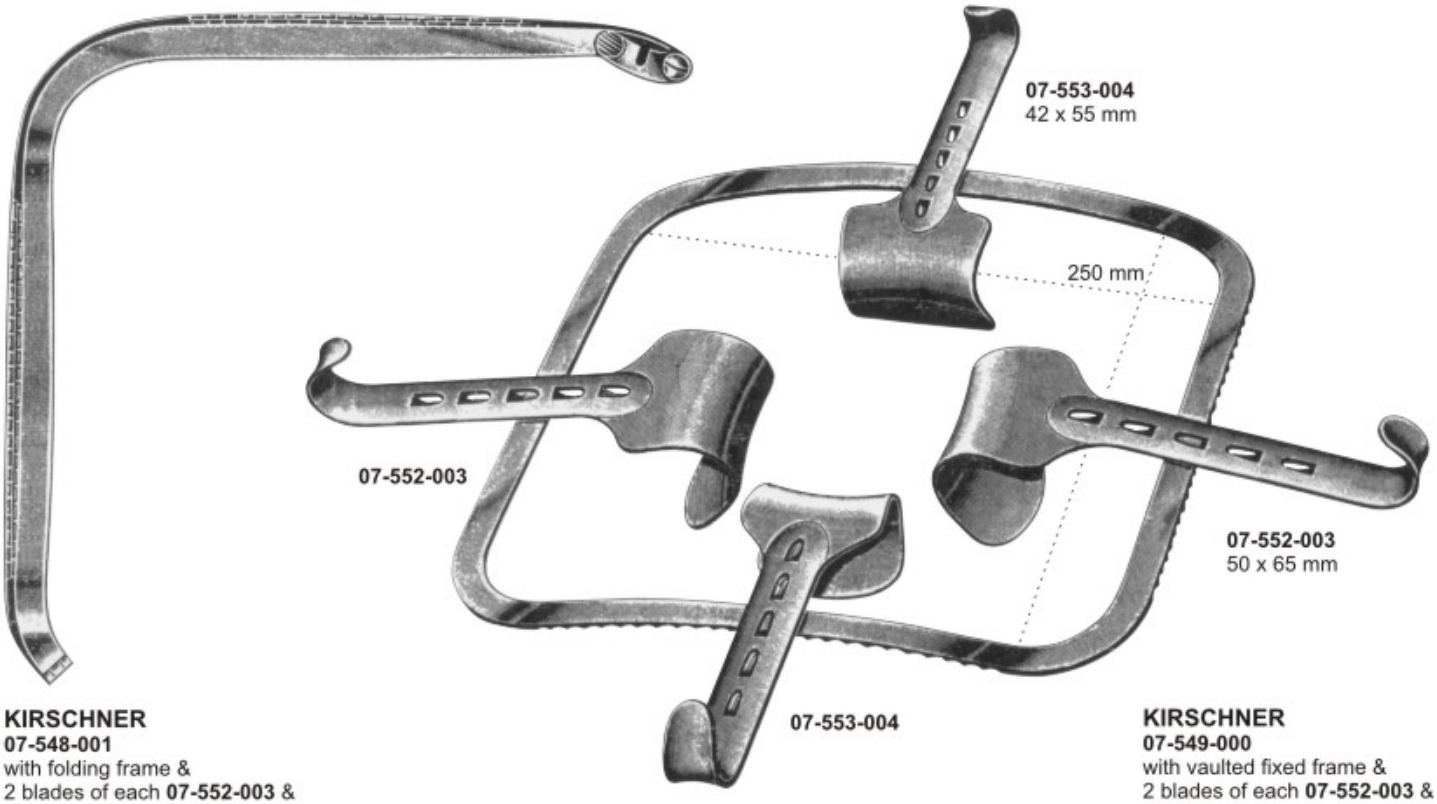


ABDOMINAL RETRACTORS
well suitable for gynaecologists



semm
07-541-000
Consisting of:

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



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

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

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

07-551-002
320 x 300 mm
Frame only

Additional valves for corpulent persons



KIRCHNER
07-554-001
65 x 80 mm

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

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

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