

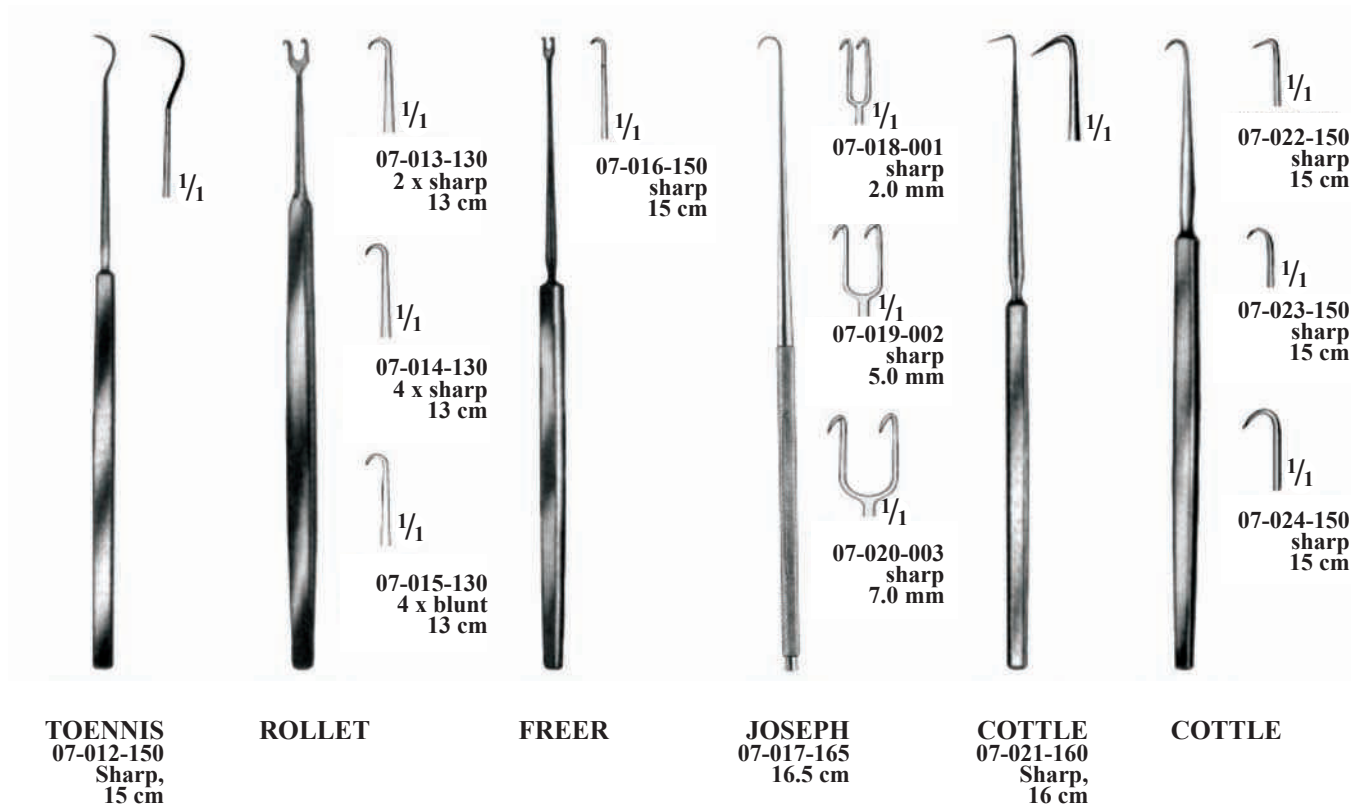
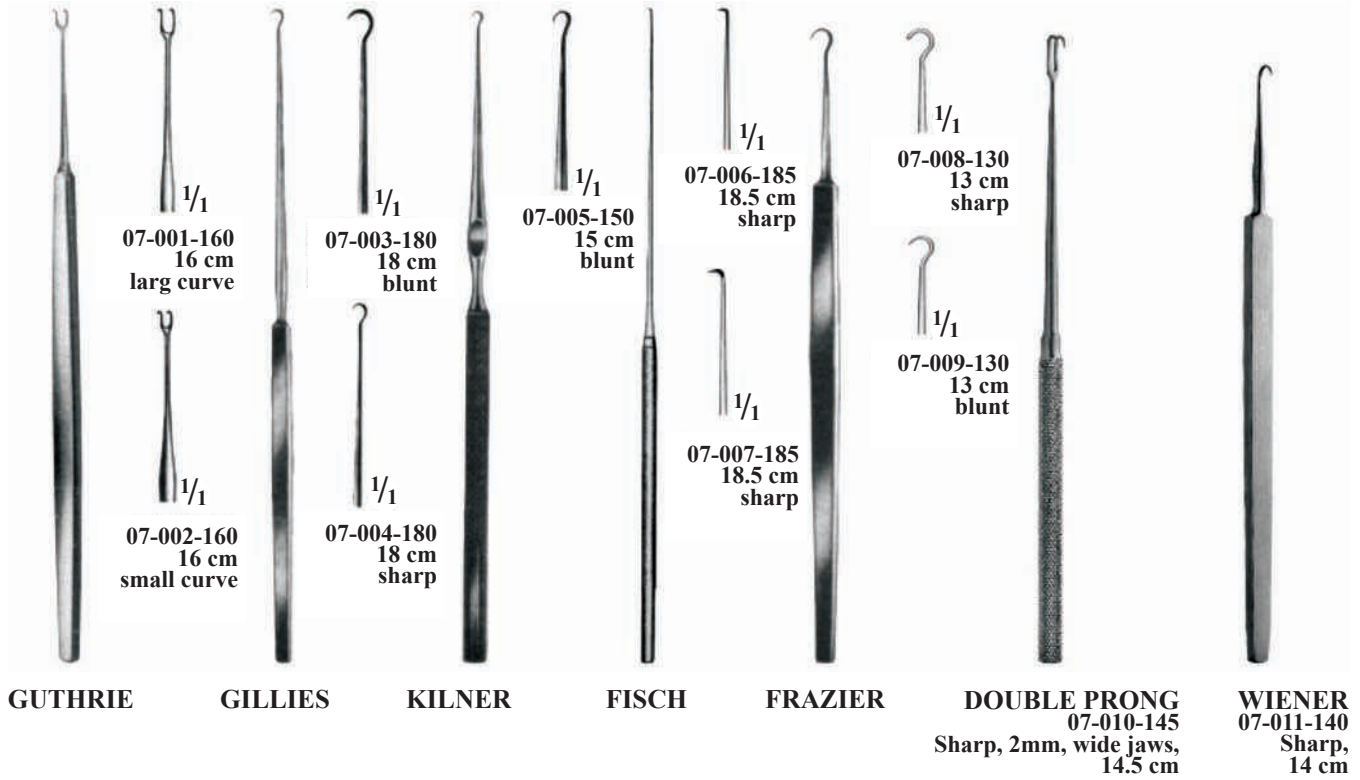
SECTION – 07

Retractors

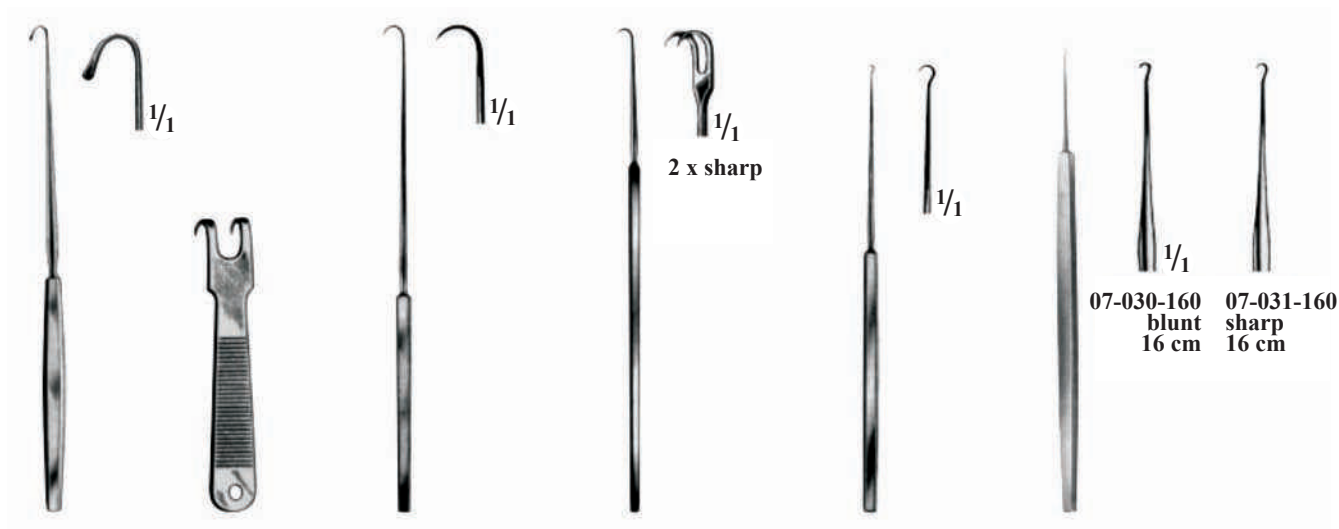
Ретракторы



**Hooks & retractors –
крючки и ретракторы**



Hooks & retractors – крючки и ретракторы



LANGE
07-025-220
Fistula hook
22 cm

KILNER
07-026-100
sharp
Skin hooks
10 cm

EMMET
07-027-220
Fistula hook
22 cm

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

HARTMANN
07-029-160
sharp
16 cm

GRAEFE

07-030-160
blunt
16 cm
07-031-160
sharp
16 cm



FOMON
07-032-170
blunt
17 cm

FOMON
07-033-160
blunt
Choana hook
16 cm

COTTLE-NEIVERT
07-034-200
blunt
20 cm

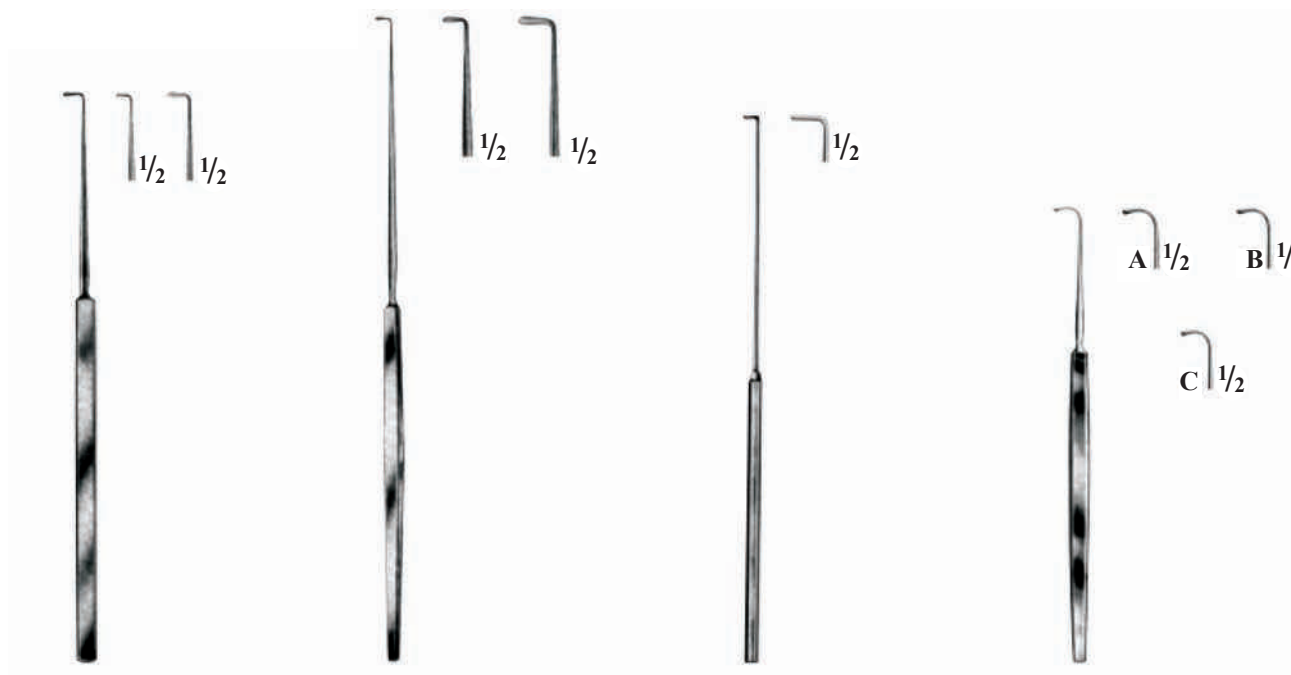
COTTLE
07-035-150
sharp
15 cm

COTTLE
07-036-150
blunt/sharp
15 cm

COTTLE
07-037-150
blunt/sharp
15 cm

CUSHING
07-038-190
blunt/sharp
19 cm

**Hooks & retractors –
крючки и ретракторы**

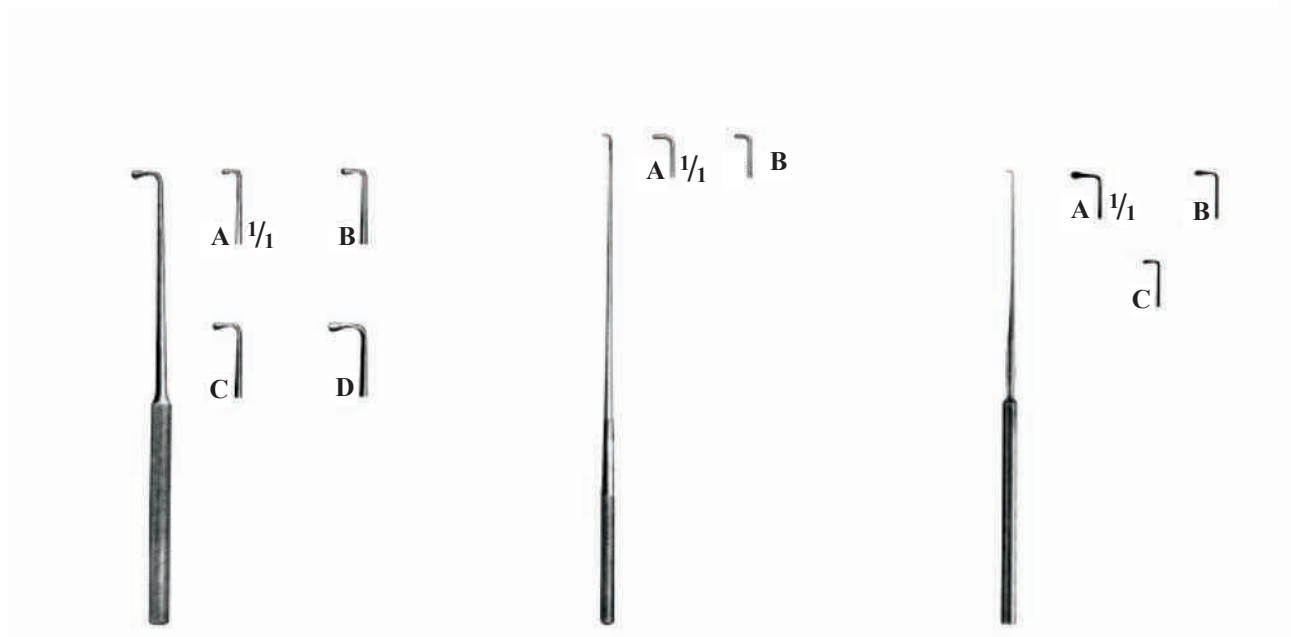


CUSHING
07-039-190
blunt, 19 cm
07-040-190
sharp, 19 cm
Nerve-and
vessel hook

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

CRILE
07-043-200
20cm

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

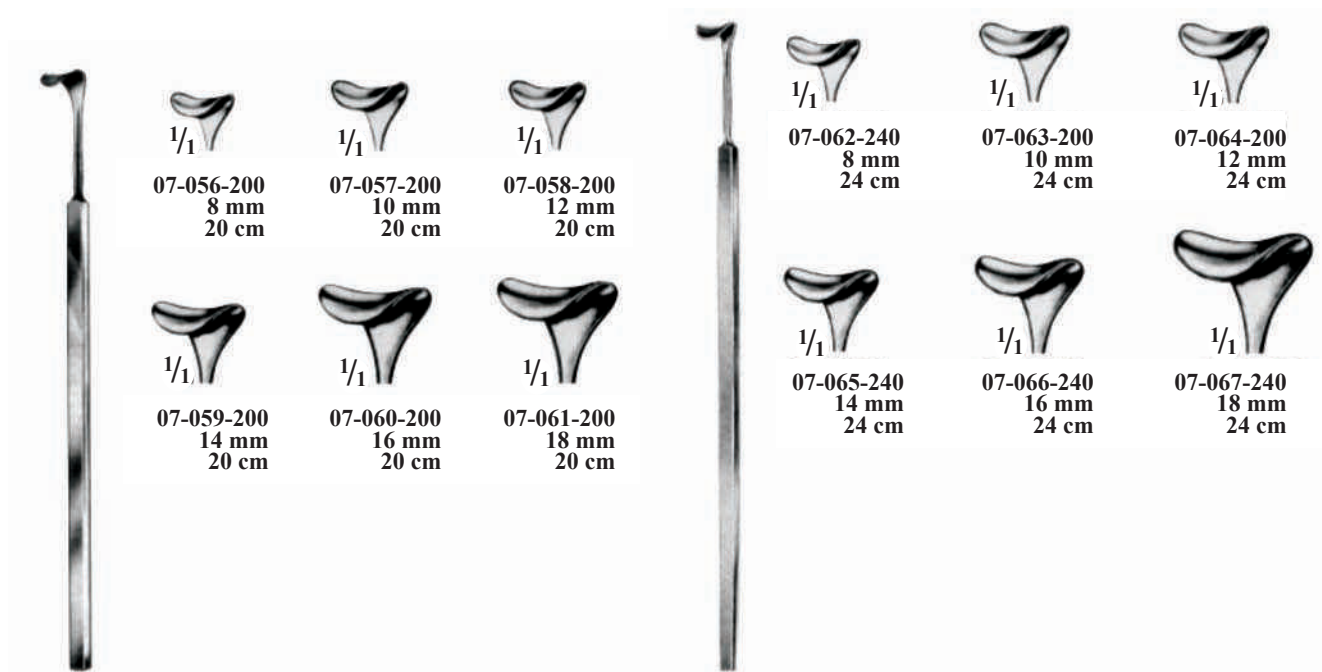


WAGENER
07-047-140 14.0 cm - A
07-048-140 14.0 cm - B
07-049-140 14.0 cm - C
07-050-140 14.0 cm - D

DAY
07-051-160 16.0 cm - A
07-052-160 16.0 cm - B

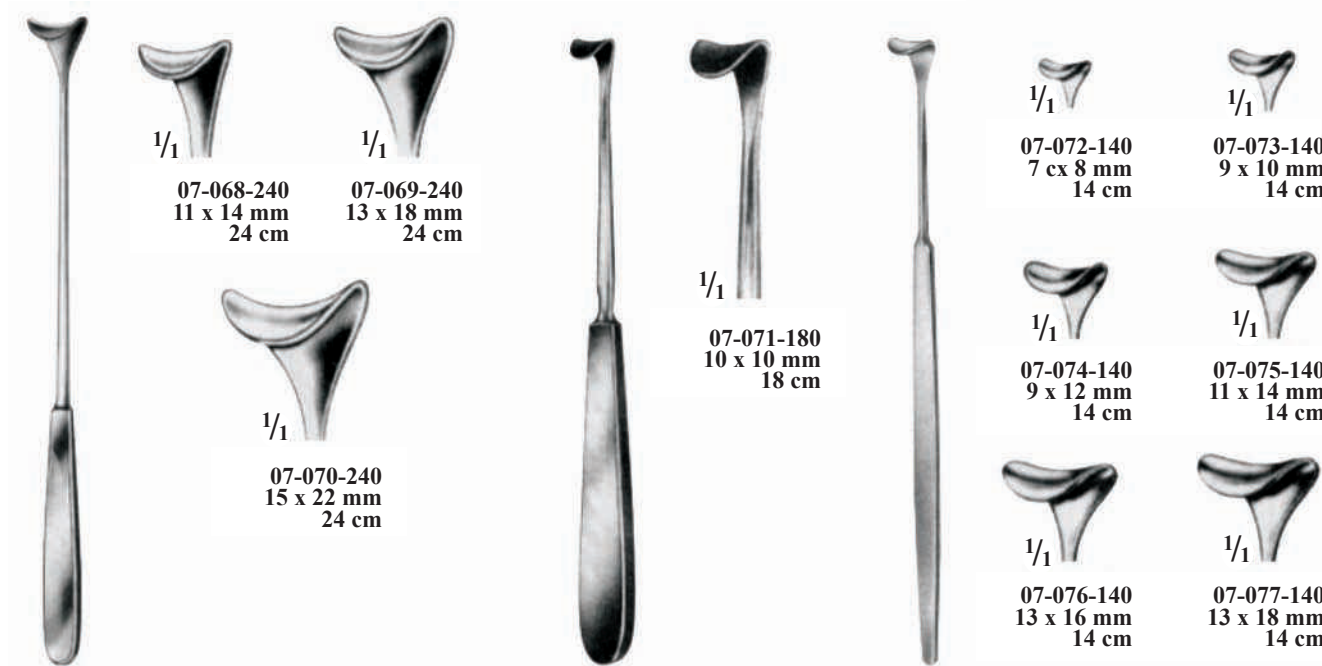
LUCAE
07-053-140 14.0 cm - A
07-054-140 14.0 cm - B
07-055-140 14.0 cm - C

Hooks & retractors – крючки и ретракторы



CUSHING

CUSHING

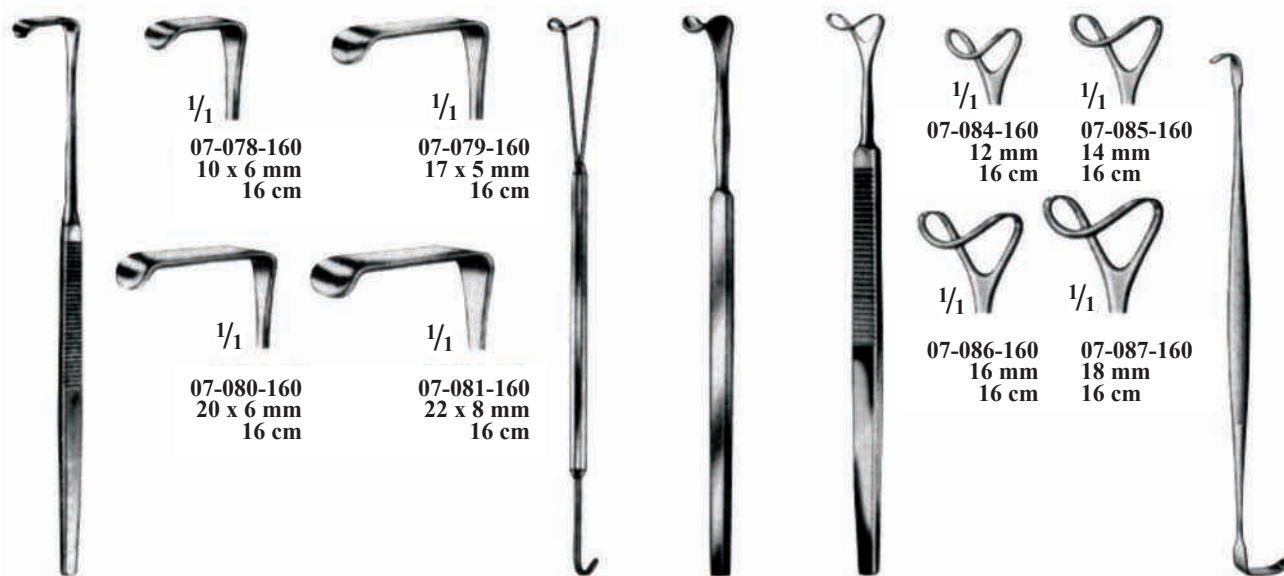


CUSHING

CUSHING-KOCHER

DESMARRES

**Hooks & retractors –
крючки и ретракторы**



LANGENBECK-MINI

1/1
07-078-160
10 x 6 mm
16 cm

1/1
07-079-160
17 x 5 mm
16 cm

1/1
07-080-160
20 x 6 mm
16 cm

1/1
07-081-160
22 x 8 mm
16 cm

1/1
07-084-160
12 mm
16 cm

1/1
07-085-160
14 mm
16 cm

1/1
07-086-160
16 mm
16 cm

1/1
07-087-160
18 mm
16 cm

NEIVERT
07-082-160
16 cm

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

**DESMARRES
FENESTRATED**

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



1/1
07-089-170
13 x 13 mm
17 cm

1/1
07-090-170
12 x 16 mm
17 cm

KONIG



1/1
07-091-150
10 x 6 mm
15 cm

1/1
07-092-150
20 x 6 mm
15 cm

SENN-GREEN



1/1

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



1/1

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

**Hooks & retractors –
крючки и ретракторы**



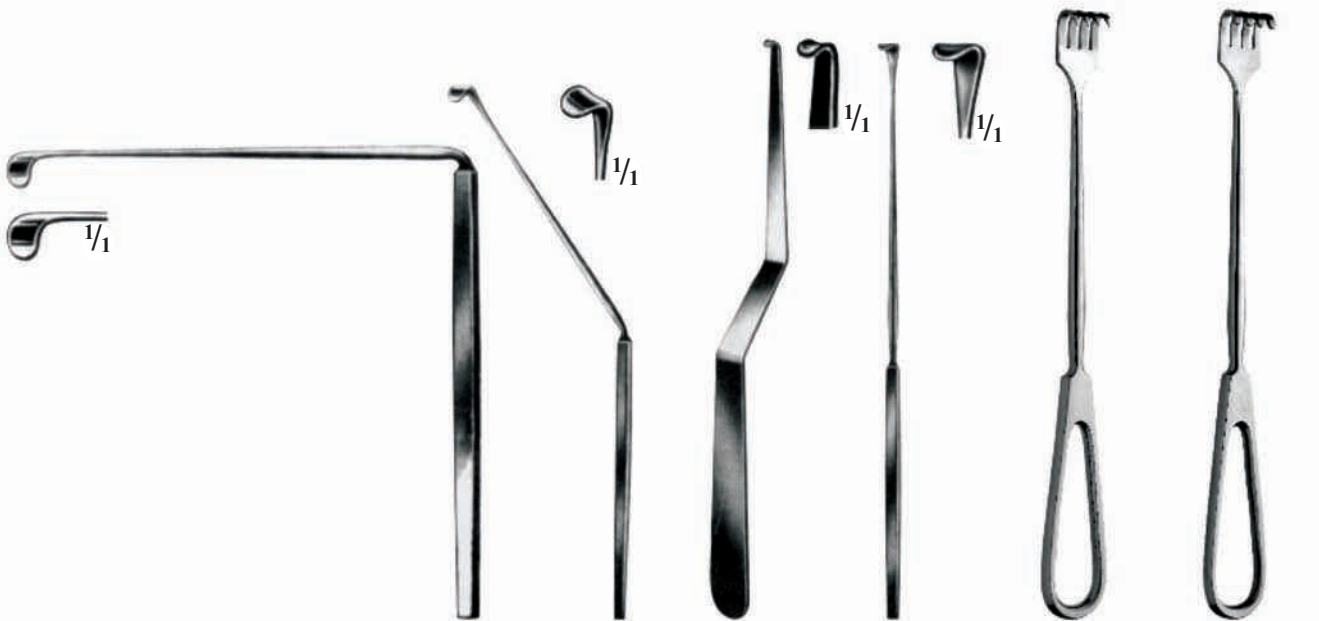
SCOVILLE
07-095-200
7 mm
20 cm

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



LOVE
07-103-190
19 cm

LOVE
07-104-190
19 cm

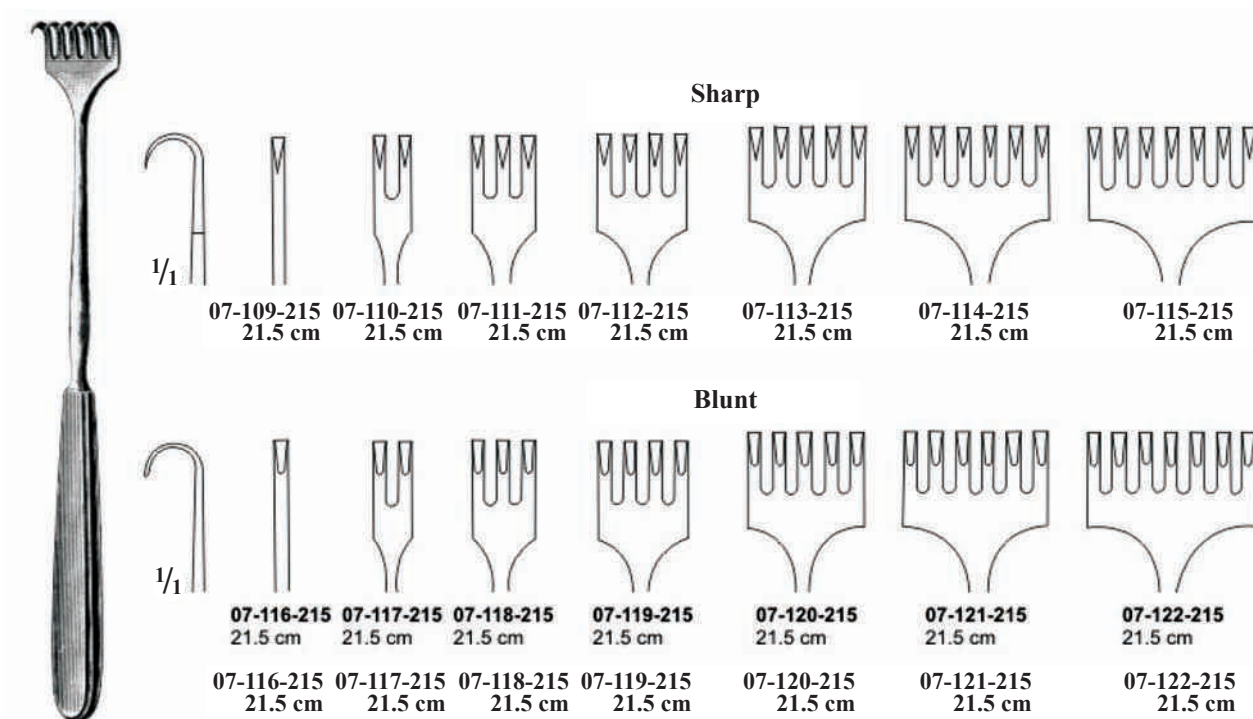
LOVE
07-105-210
21 cm
4 mm

LOVE
07-106-190
19 cm

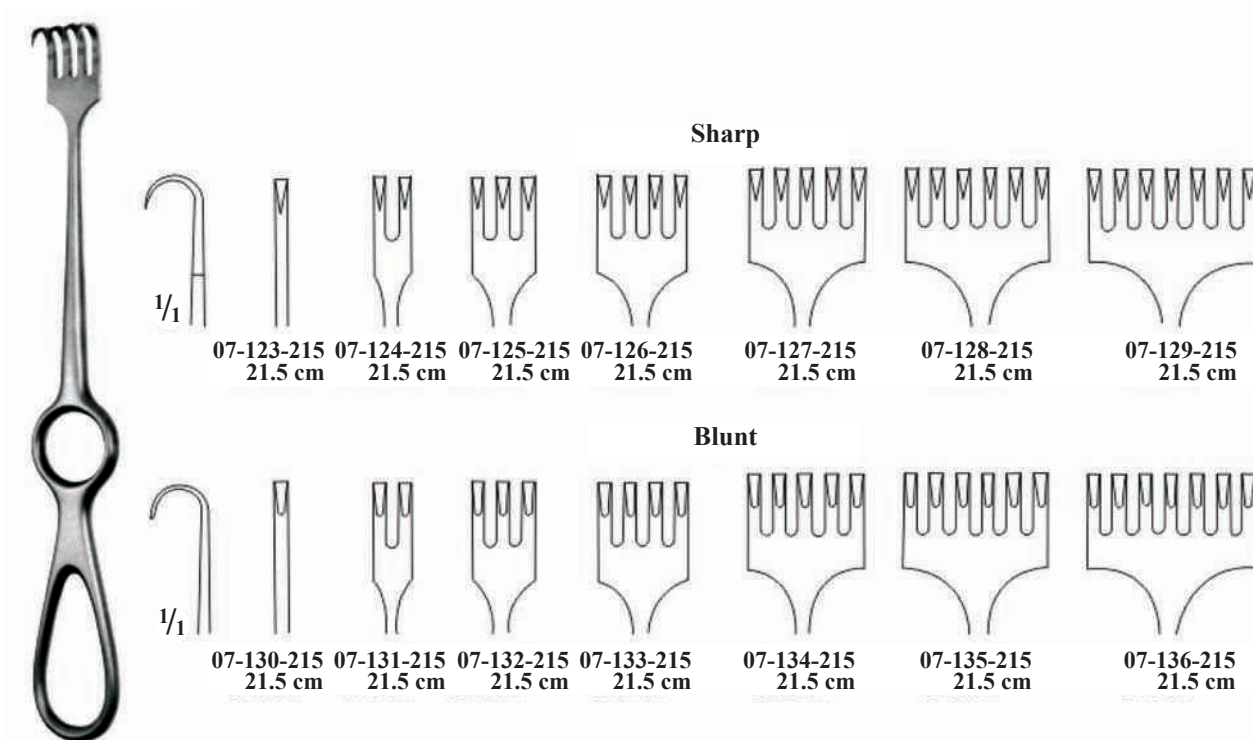
VOLKMAN
07-107-220
22 cm
Sharp, 4 Prongs

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

Hooks & retractors – крючки и ретракторы

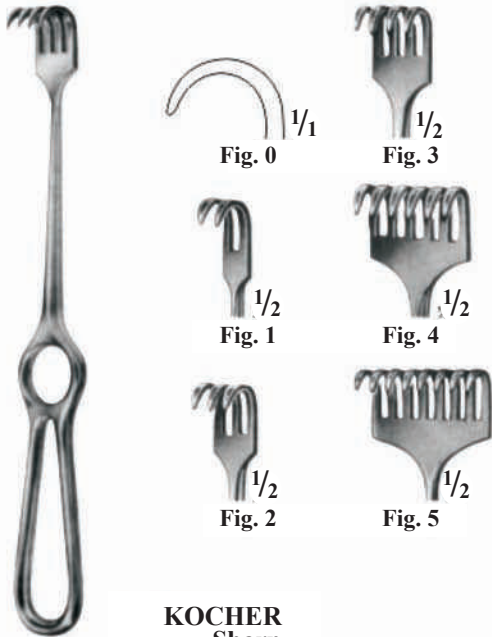


VOLKMANN



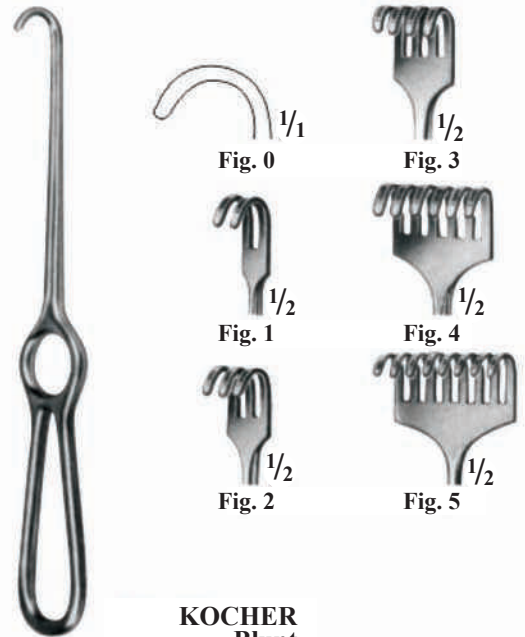
VOLKMANN

Hooks & retractors – крючки и ретракторы



**KOCHER
Sharp**

- 07-137-220 22.0 cm 15 x 9 mm Fig. 1
- 07-138-220 22.0 cm 15 x 13 mm Fig. 2
- 07-139-220 22.0 cm 15 x 18 mm Fig. 3
- 07-140-220 22.0 cm 15 x 28 mm Fig. 4
- 07-141-220 22.0 cm 15 x 40 mm Fig. 5



**KOCHER
Blunt**

- 07-142-220 22.0 cm 15 x 9 mm Fig. 1
- 07-143-220 22.0 cm 15 x 13 mm Fig. 2
- 07-144-220 22.0 cm 15 x 18 mm Fig. 3
- 07-145-220 22.0 cm 15 x 28 mm Fig. 4
- 07-146-220 22.0 cm 15 x 40 mm Fig. 5



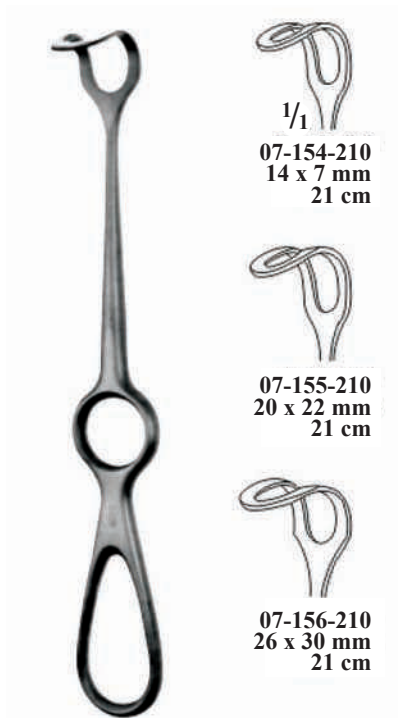
**OLLIER
Blunt**

- 07-147-230 23.0 cm 36 x 30 mm Fig. 1
- 07-148-230 23.0 cm 36 x 60 mm Fig. 2

**ISRAEL
Blunt**

- 07-150-250 25.0 cm 40 x 40 mm Fig. 1
- 07-149-225 22.5 cm 46 x 50 mm Fig. 2
- 07-151-250 25.0 cm 52 x 60 mm Fig. 3
- 07-152-250 25.0 cm 70 x 70 mm Fig. 4

**Retractors –
ретракторы**



MIDDELDORF

1/1
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

1/1
07-159-200
20 x 7 mm
20 cm

07-160-200
30 x 7 mm
20 cm

07-161-200
23 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

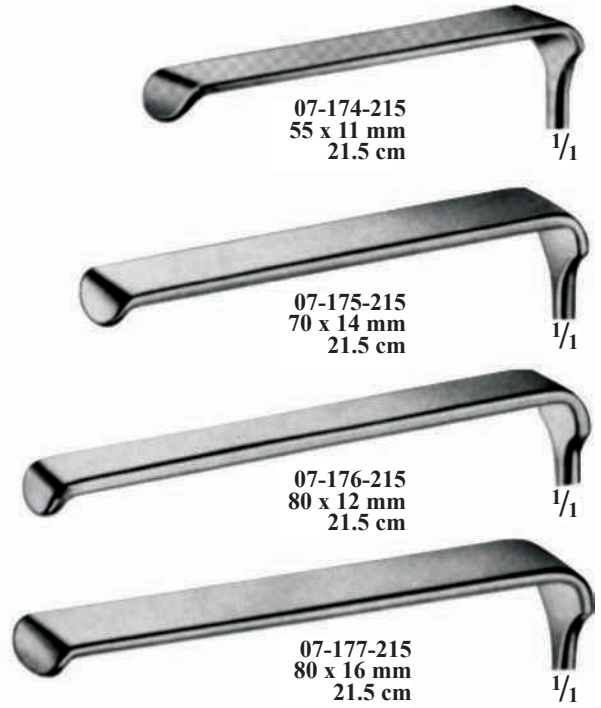
07-167-200
50 x 20 mm
20 cm

07-168-200
60 x 20 mm
20 cm

**Retractors –
ретракторы**



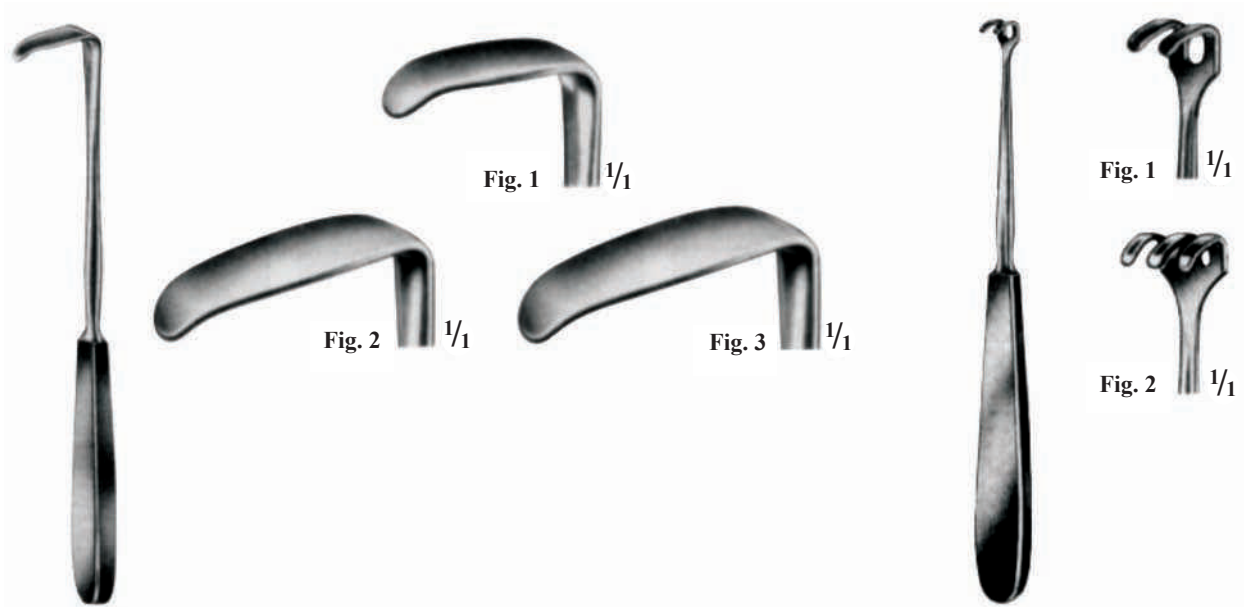
KOCHER-LANGENBECK



CASPAR

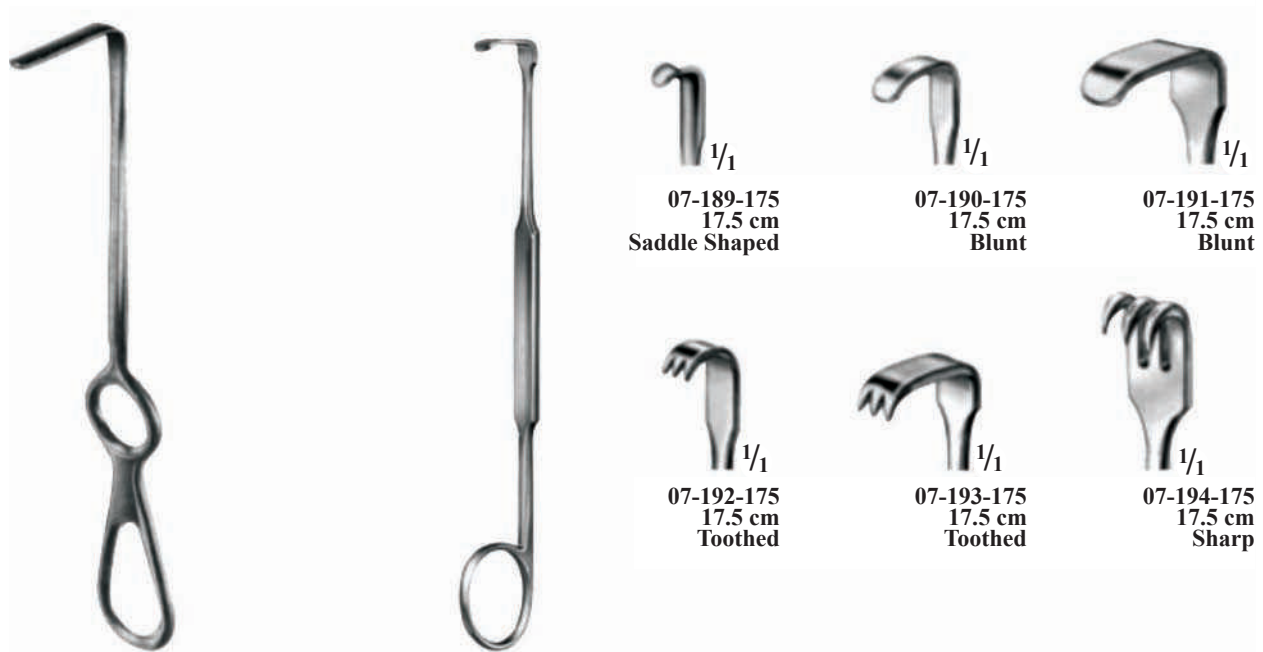


KOCHER-WAGNER



LANGENBECK
07-183-220 22.0 cm 30 x 11 mm Fig. 1
07-184-220 22.0 cm 40 x 11 mm Fig. 2
07-185-220 22.0 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

**Retractors –
ретракторы**

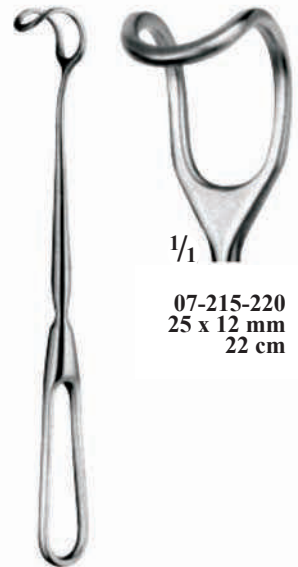


KOCHER
07-195-190 19 x 12 mm
19 cm
07-196-190 21 x 14 mm
19 cm

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 12 mm
22 cm

**Retractors –
ретракторы**



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

FRITSCH
07-217-240
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

**Retractors –
ретракторы**



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 31 mm
Grip Handle

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

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

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

**Retractors –
ретракторы**



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

KOCHER
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
21cm

***Retractors –
ретракторы***



MEYERDING
07-264-235
23.5 cm
Medium

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



MARTIN
07-266-250
25 cm
106 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

**Retractors –
ретракторы**

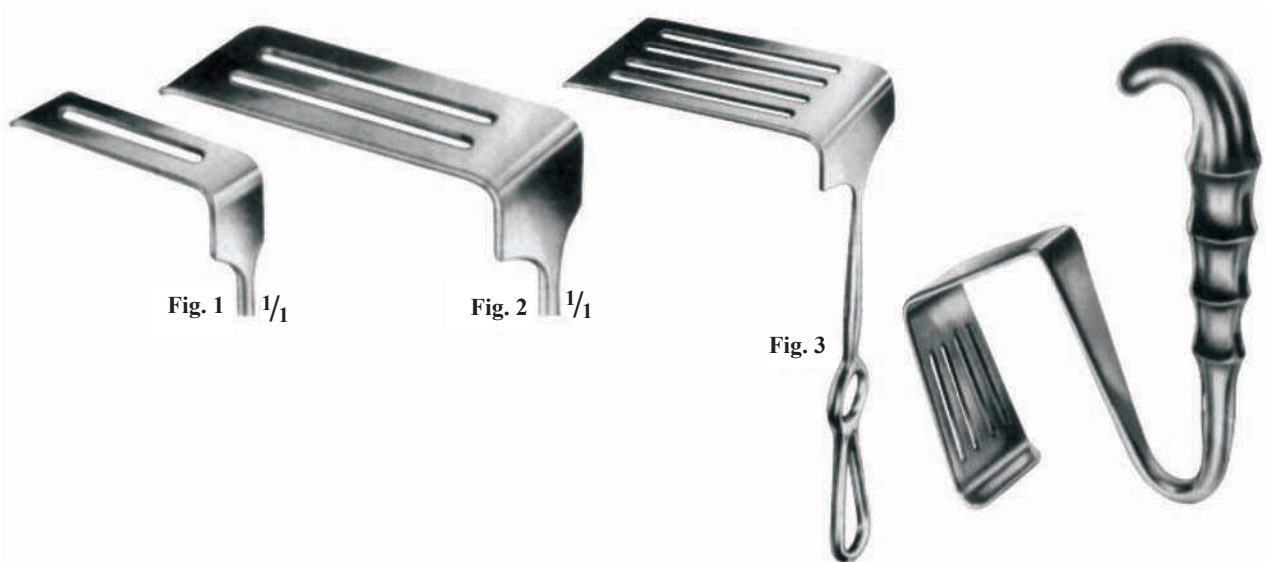


Fig. 1 1/1

Fig. 2 1/1

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 x 4.5 cm wide
 07-282-250 25 cm
 Blade 12.1 x 4.4 cm wide
 07-283-234 23.4 cm
 Blade 9.8 x 6 cm wide



HILL FERGUSON
07-284-064
 Blade 6.4 x 2.4 cm wide
07-285-076
 Blade 7.6 x 3.2 cm wide
07-286-076
 Blade 7.6 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 x 1.9 cm wide
07-300-235 23.5 cm
 Blade 3.2 x 2.9 cm wide
07-301-254 25.4 cm
 Blade 3.8 x 3.8 cm wide
07-302-254 25.4 cm
 Blade 6.4 x 4.1 cm wide
07-303-235 23.5 cm
 Blade 5.1 x 1.9 cm wide

RICHARDSON



07-304-00
 13 x 235 mm
7-305-00
 20 x 255 mm
7-306-00
 27 x 270 mm

LAMBOTTE

**Retractors –
ретракторы**



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

***Retractors –
ретракторы***



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

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

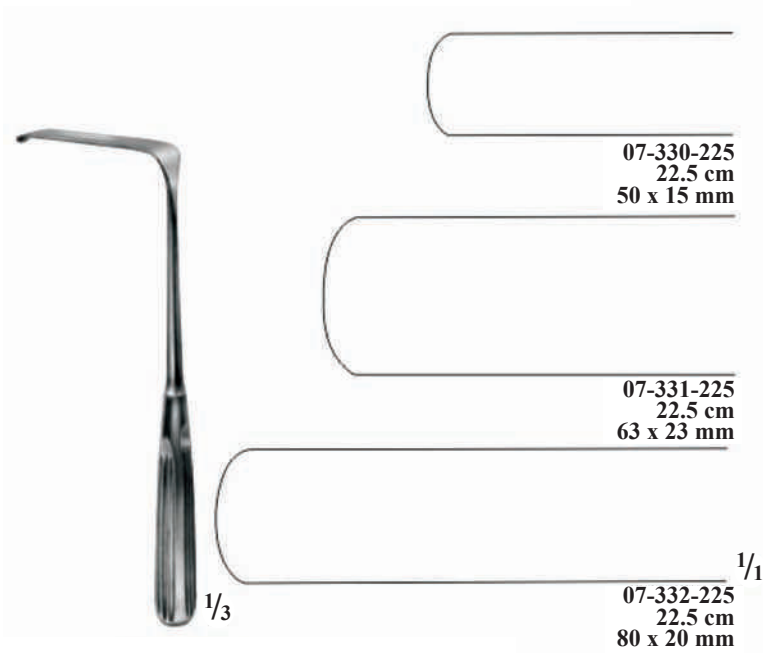


TAUBER VAGINAL SPATULA
07-323-235 23.5 cm
Blade 8.9 x 3.5 cm wide

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

**Retractors –
ретракторы**



SAUERBUCH

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

1/1



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

1/3

ZENKER



SAUERBUCH
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



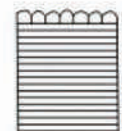
COOLEY
07-342-250
25 cm
Right-Serrated



COOLEY
07-343-270
27 cm
Left



CRAWFORD



07-344-190
19 cm
15 x 15 mm



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

**Retractors –
ретракторы**



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 36 / 36 x 36 mm
07-366-170 17 cm
33 x 29 / 38 x 43 mm

**Retractors –
ретракторы**



FARABEU
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

FARABEU
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**
Set 2 pcs.
07-379-260
26 cm
small

**RICHARDSON
EASTMAN**
Set 2 pcs.
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.

Retractors – ретракторы

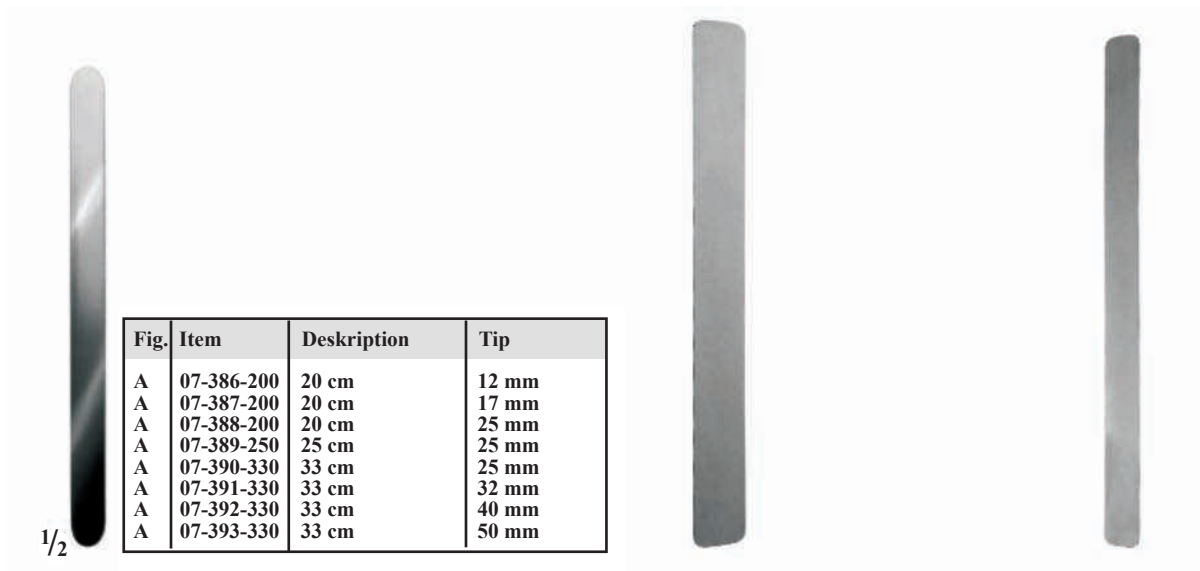


Fig.	Item	Deskription	Tip
A	07-386-200	20 cm	12 mm
A	07-387-200	20 cm	17 mm
A	07-388-200	20 cm	25 mm
A	07-389-250	25 cm	25 mm
A	07-390-330	33 cm	25 mm
A	07-391-330	33 cm	32 mm
A	07-392-330	33 cm	40 mm
A	07-393-330	33 cm	50 mm

1/2

MALLEABLE

RIBBON
07-394-200
20 cm
Width 4 cm

RIBBON
07-395-200
20 cm
Width 2.5 cm



TUFFIER / HABERER
malleable
07-296-200 17 x 25 mm 20 cm
07-297-280 25 x 30 mm 28 cm
07-298-300 37 x 45 mm 30 cm

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

BLOOD SCOOP
07-400-150
15 cm

**Retractors –
ретракторы**



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

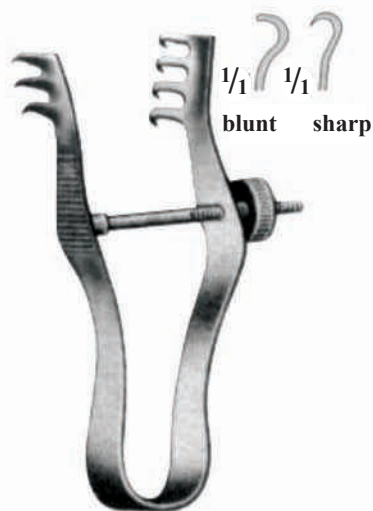
DEAVER
07-409-180
18 cm
19 mm

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

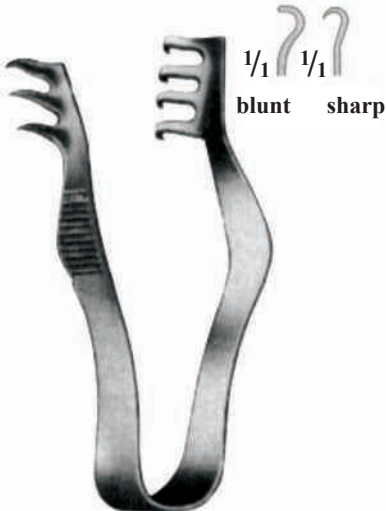
**Retractors –
ретракторы**



HEISS
07-411-100 10 cm
sharp 4:4
07-412-100 10 cm
blunt 4:4



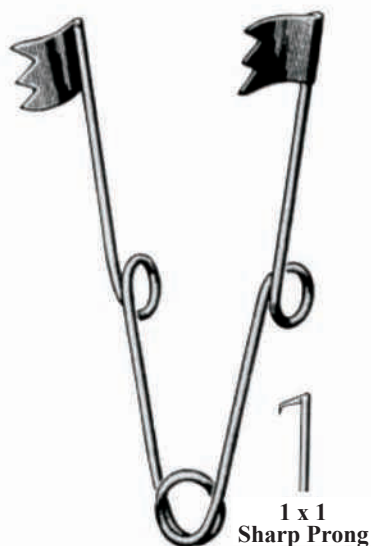
FINSEN
07-413-070 7 cm
3 x 4 teeth
sharp



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 x 3
07-421-100 10 cm
Blunt 3 x 3

**Retractors –
ретракторы**



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



BECKMANN ADSON
07-424-290
29 cm

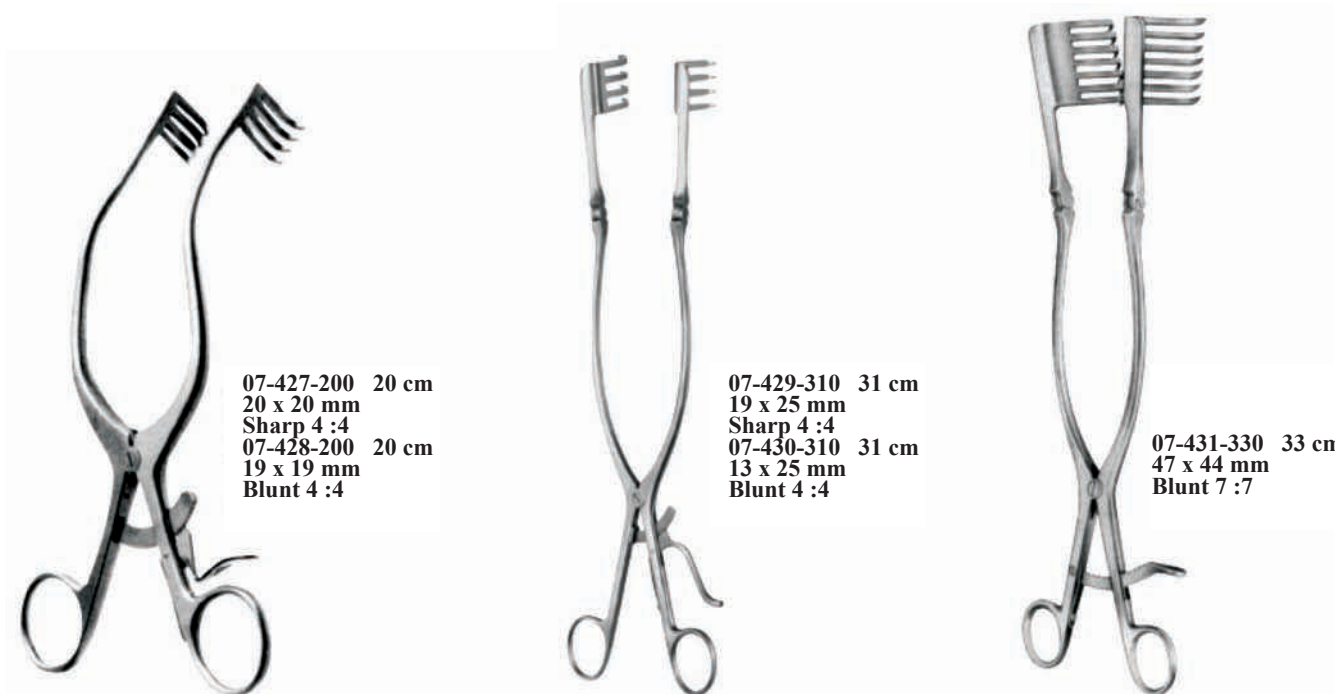


HOUZEL
07-425-000



MOLLISON
07-426-150
15 cm

**Retractors –
ретракторы**



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

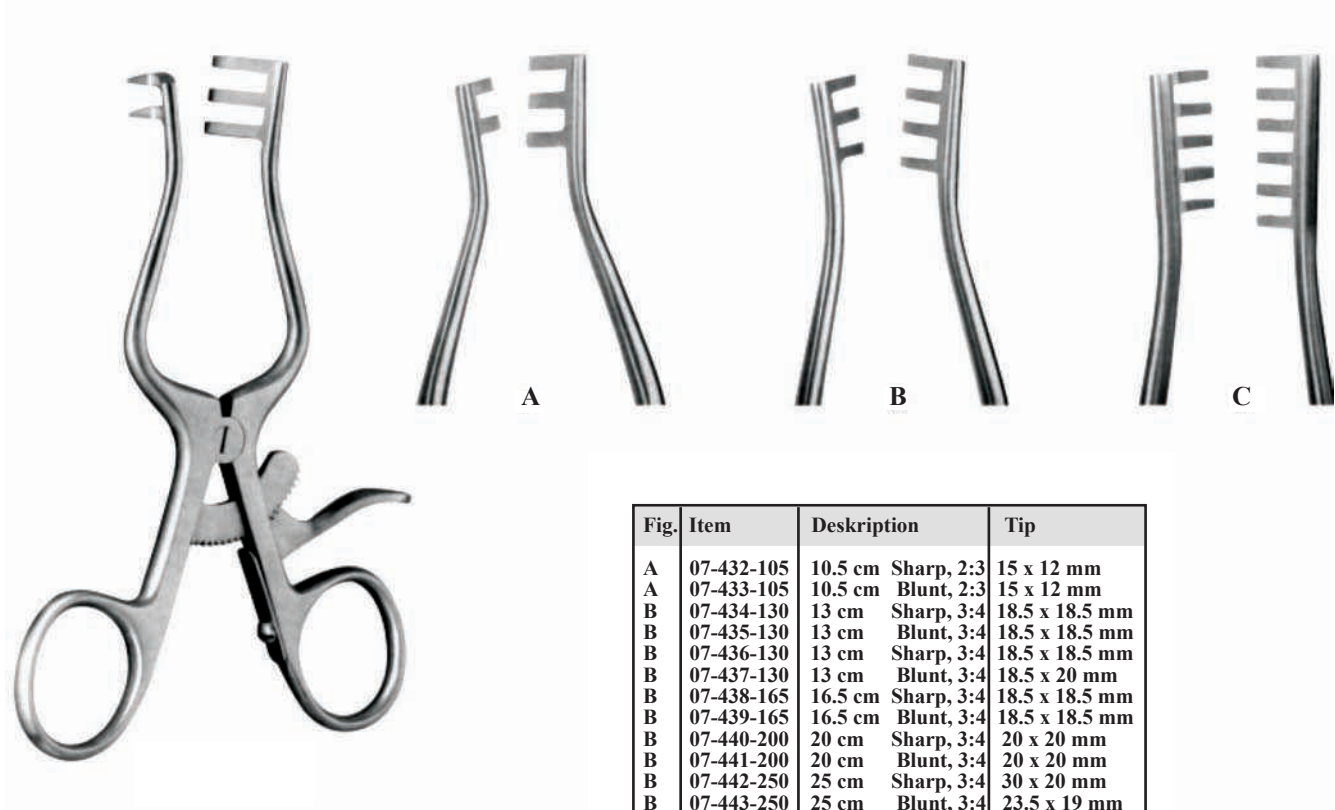
07-429-310 31 cm
19 x 25 mm
Sharp 4 :4
07-430-310 31 cm
13 x 25 mm
Blunt 4 :4

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

ANDERSON-ADSON

BECKMANN

BECKMANN/EATON



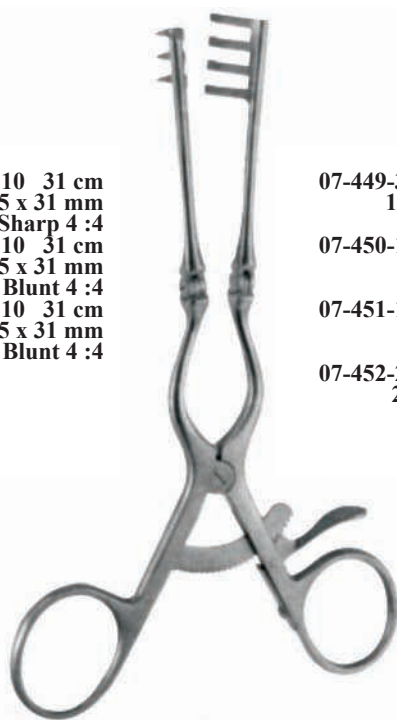
WEITLANER

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

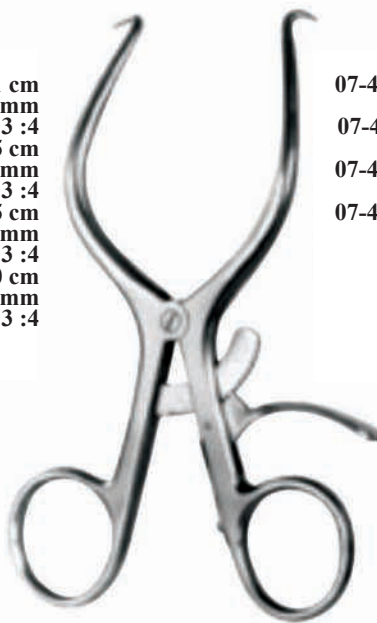
**Retractors –
ретракторы**



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



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



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

BECKMANN/ADSON

CONE

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 x 20 mm
Blunt, 3:3
13 cm

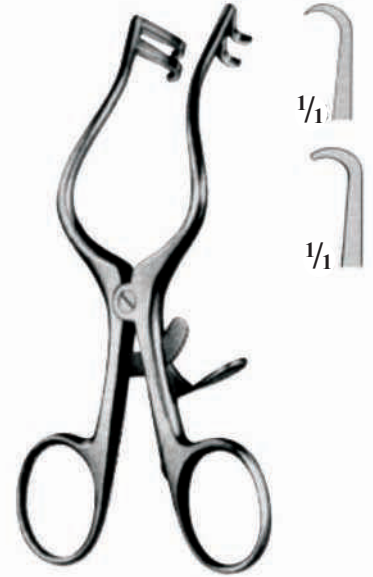
**Retractors –
ретракторы**



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



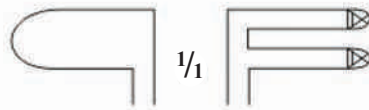
TUEBINGER MODELL
07-462-160
16 cm



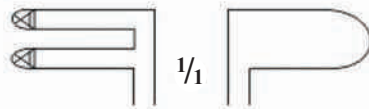
PLESTER
07-463-130
13 cm
2 x 2 teeth
sharp



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



CLOWARD
07-471-260 26 cm
Complete with 5 blades
07-472-260 26 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

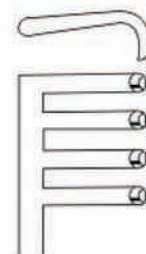
- 07-478-260 40 x 15 mm
- 07-479-260 45 x 15 mm
- 07-480-260 50 x 15 mm
- 07-481-260 55 x 15 mm
- 07-482-260 60 x 15 mm



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

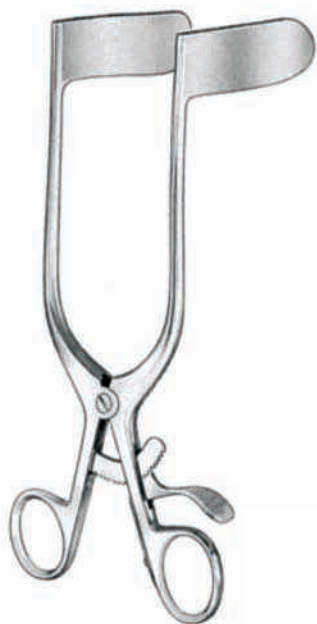
**Retractors –
ретракторы**



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



TRAVERS
07-493-220
21 cm



RIGHTBY
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

**Retractors –
ретракторы**



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



BALFOUR
07-500-00
70 x 85 mm Central 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

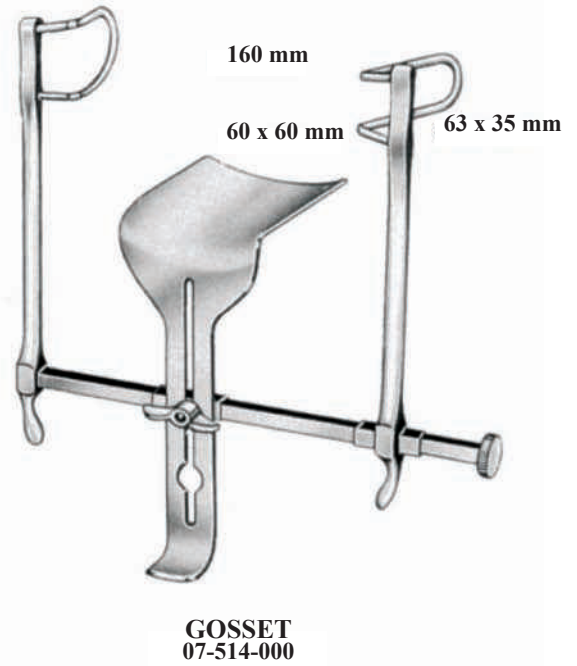
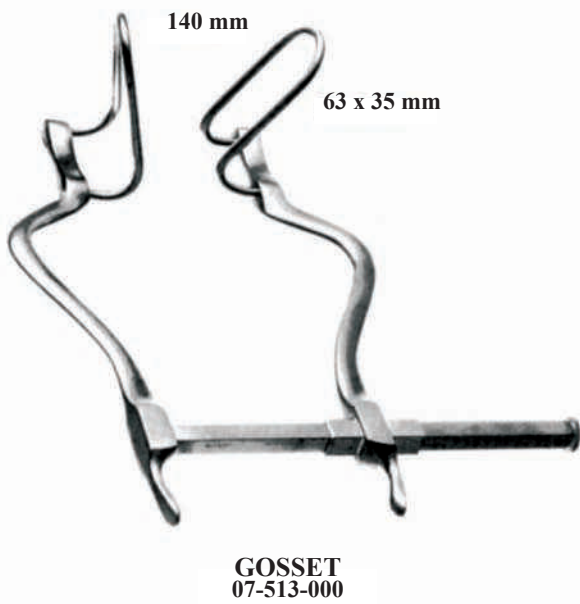
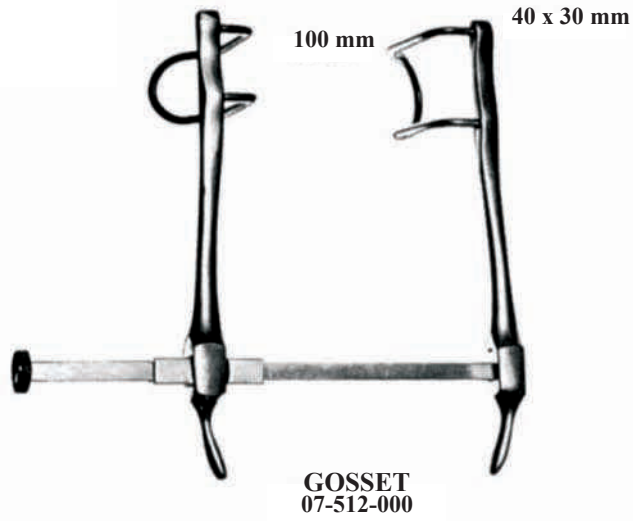


07-509-000
Center Blade
45 x 80 mm



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

***Retractors –
ретракторы***



**Retractors –
ретракторы**



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

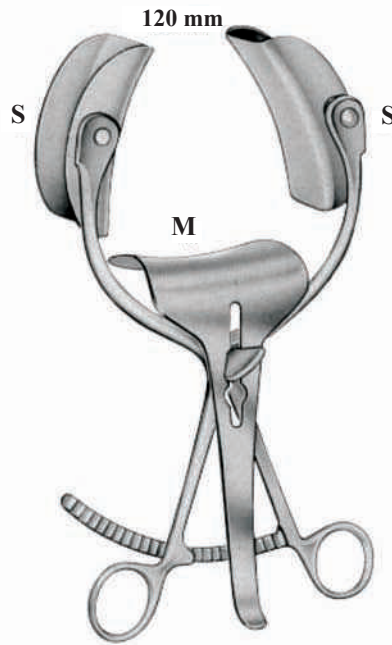


BABY-COLLIN
07-519-160 16 cm
complete with each 2
lateral blades

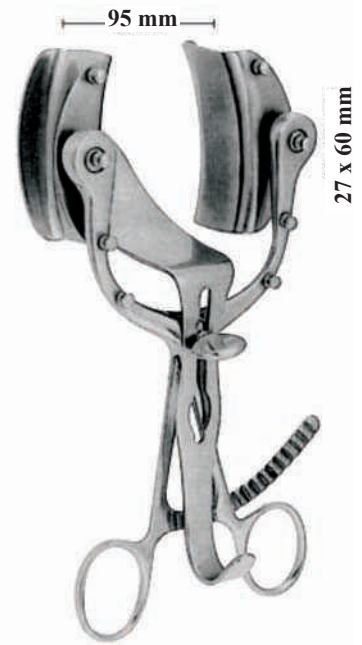
**Retractors –
ретракторы**



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 x 90 mm

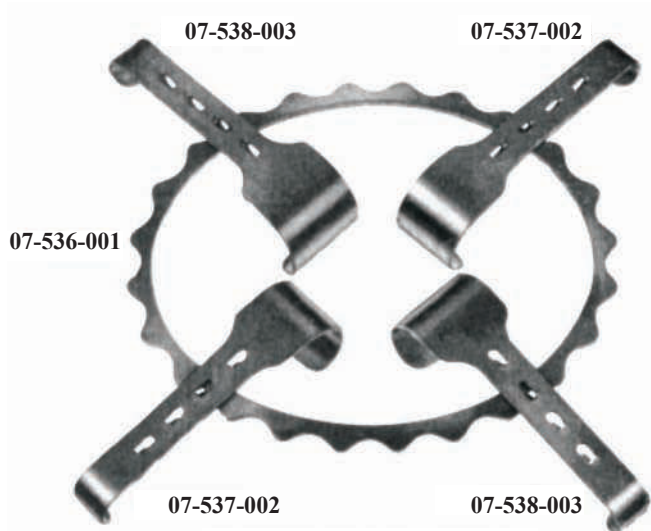


DOYEN
07-526-280 28 cm 48 x 90 mm
07-527-280 28 cm 48 x 105 mm
07-528-280 28 cm 48 x 120 mm
07-529-280 28 cm 48 x 135 mm



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

Retractors – ретракторы



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

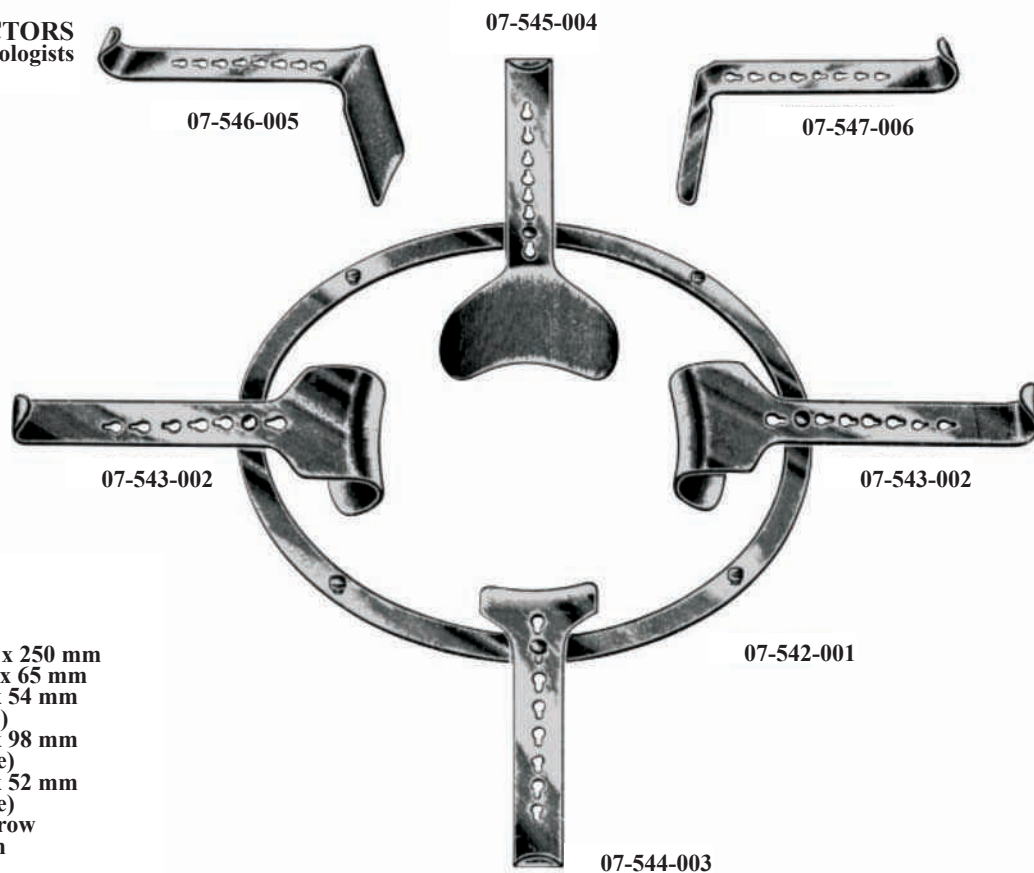


07-540-005
Blades only 20 x 40 mm



ABDOMINAL RETRACTORS for new-born and children

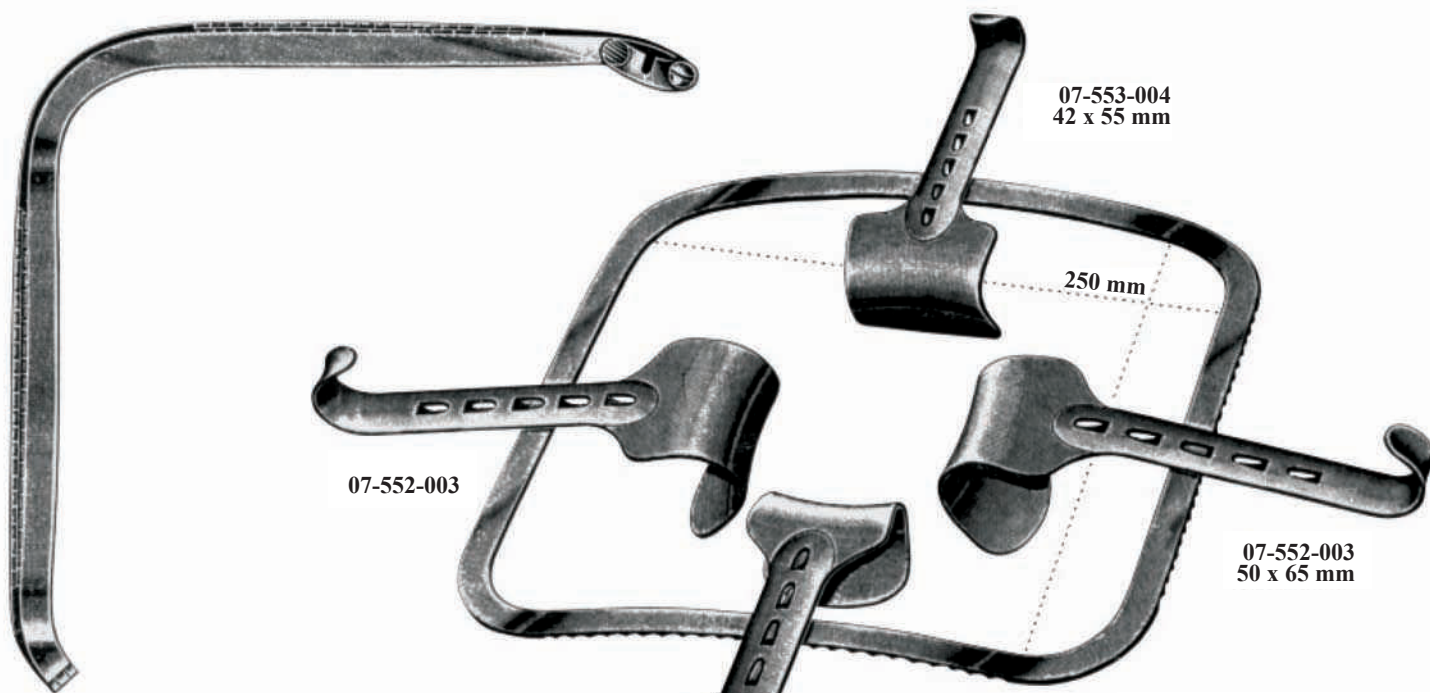
ABDOMINAL RETRACTORS well suitable for gynaecologists



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

**Retractors –
ретракторы**



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

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



KIRSCHNER
07-554-001
65 x 80 mm

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

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

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