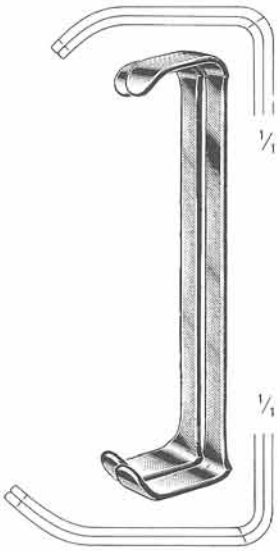
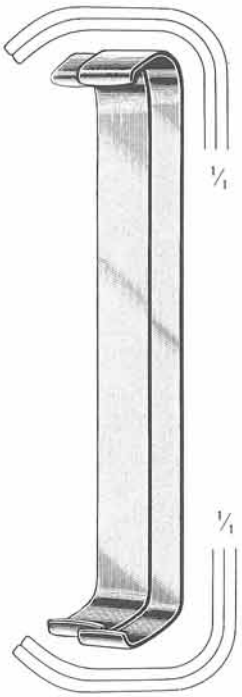
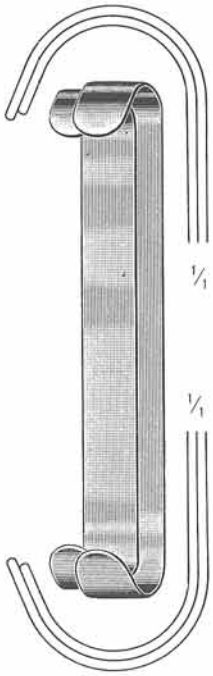
Wundhaken
Retractors
Ecarteurs
Separadores
Divaricatori



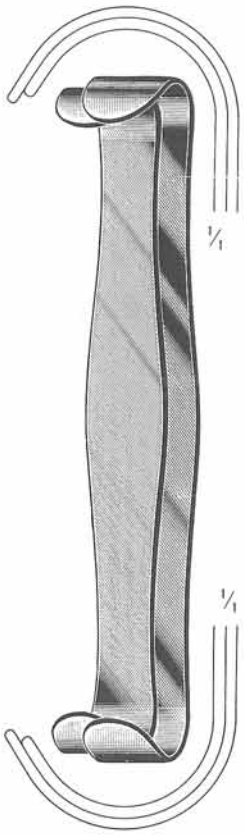
FARABEUF
18.102.12
12 cm



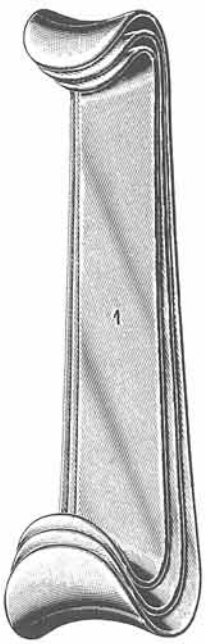
FARABEUF
18.102.15
15 cm



PARKER
18.110.13
13,5 cm



PARKER
18.110.18
18 cm



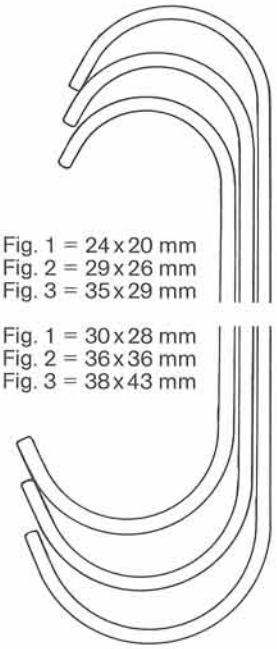
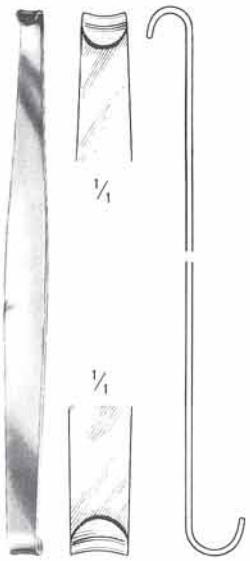


Fig. 1 = 24 x 20 mm
Fig. 2 = 29 x 26 mm
Fig. 3 = 35 x 29 mm

Fig. 1 = 30 x 28 mm
Fig. 2 = 36 x 36 mm
Fig. 3 = 38 x 43 mm

ROUX		Fig.	cm
18.120.00	18.120.14	1	14
	18.120.15	2	15
	18.120.17	3	17

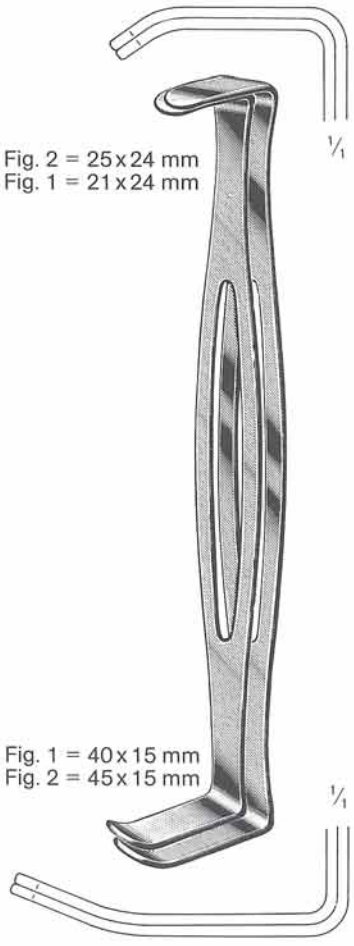
ROUX Baby
18.122.13
13 cm



ROUX mini
18.124.15
15 cm

CRILE
18.127.11
11,5 cm

Wundhaken
Retractors
Ecarteurs
Separadores
Divaricatori



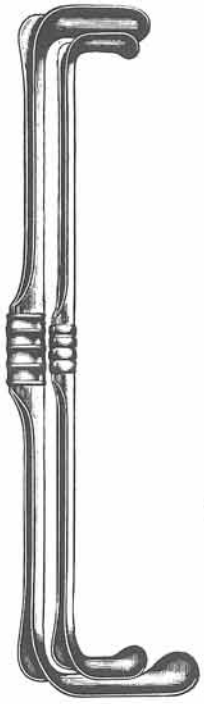
US Army (PARKER-LANGENBECK)
18.131.21
21 cm

MATHIEU
18.134.20
20 cm

GOELET
18.135.19
19 cm

COLLIN-HARTMANN
18.137.16
16 cm

Wundhaken
Retractors
Ecarteurs
Separadores
Divaricatori

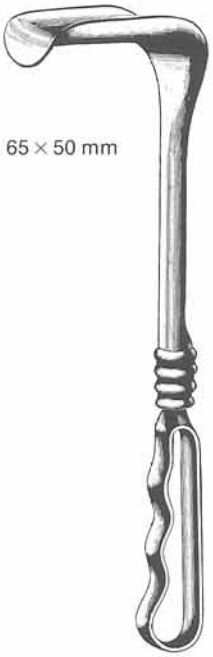


RICHARDSON-EASTMAN
18.140.00

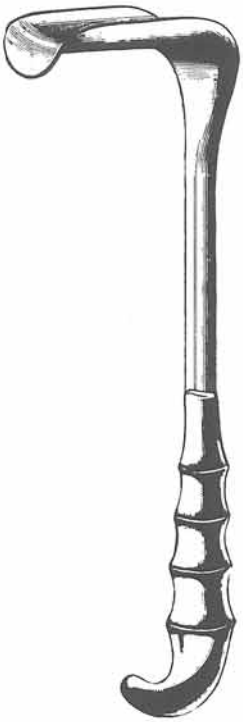
RICHARDSON

RICHARDSON Grip

18.152.25	20 x 25 mm
18.152.31	25 x 31 mm
18.152.38	38 x 38 mm
18.152.51	19 x 51 mm (Append.)
18.152.64	41 x 64 mm

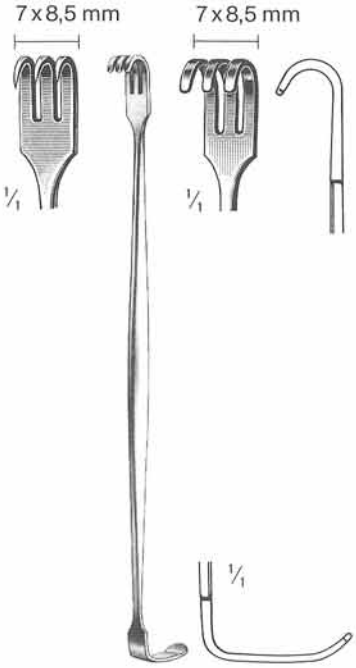


KELLY
18.156.26
26 cm



KELLY Grip

18.158.51	38 x 51 mm
18.158.64	51 x 64 mm
18.158.76	64 x 76 mm
18.158.82	70 x 82 mm



SENN

18.160.17	17 cm	18.161.17

RIBBON

18.168.12	12 x 200 mm
18.168.17	17 x 200 mm
18.168.25	25 x 250 mm

RIBBON

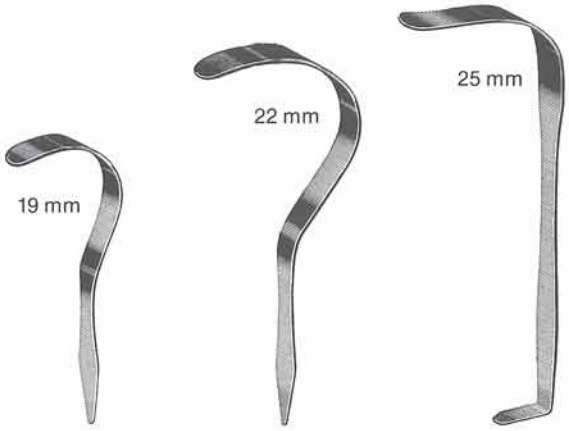
18.170.25	25 x 330
18.170.32	32 x 330
18.170.40	40 x 330
18.170.50	50 x 330

HABERER

18.174.17	17/25 x 200 mm
18.174.25	25/30 x 250 mm
18.174.37	37/45 x 300 mm

REVERDIN
18.175.28
28 cm

Wundhaken
Retractors
Ecarteurs
Separadores
Divaricatori



DEAVER
18.180.19
19 x 180 mm

DEAVER
18.181.22
22 x 215 mm

DEAVER
18.181.25
25 x 230 mm

DEAVER
18.183.25
25 x 300 mm

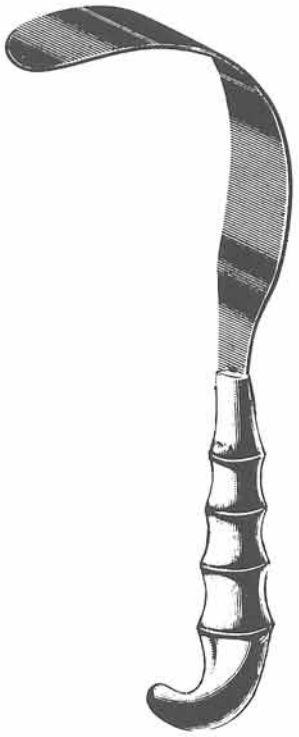
DEAVER
18.185.25
25 x 330 mm

DEAVER
18.187.25
25 x 360 mm

DEAVER
18.187.38
38 x 300 mm

DEAVER
18.187.50
50 x 300 mm

DEAVER
18.187.75
75 x 300 mm



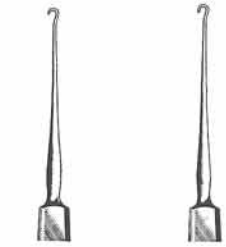
DEAVER Grip

18.189.25	25 x 310 mm
18.189.38	38 x 310 mm
18.189.50	50 x 310 mm

HARRINGTON

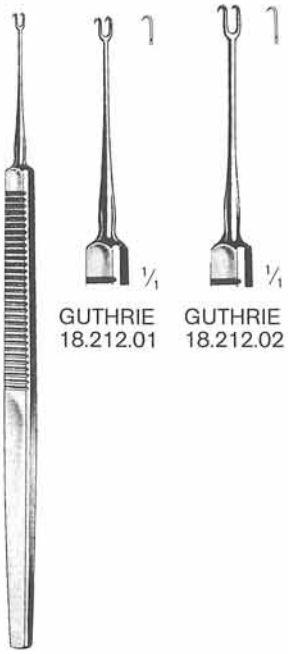
18.191.25	25 x 230 mm
18.191.40	40 x 320 mm
18.191.62	62 x 320 mm

Wundhaken
Retractors
Ecarteurs
Separadores
Divaricatori



GRAEFE
18.210.12

GRAEFE
18.211.12



GUTHRIE
18.212.01

GUTHRIE
18.212.02

cm	FRAZIER
13	18.214.13
18	18.214.18

JOSEPH
16 cm

18.216.01

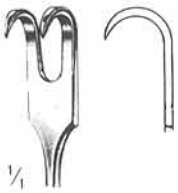
18.216.02
2 mm

18.216.05
5 mm

18.216.07
7 mm

18.216.10
10 mm

18.220.01

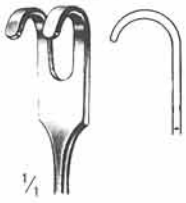


18.220.02

18.220.03

18.220.04

18.221.01



18.221.02

18.221.03

18.221.04

18.226.02

18.226.03

18.226.04

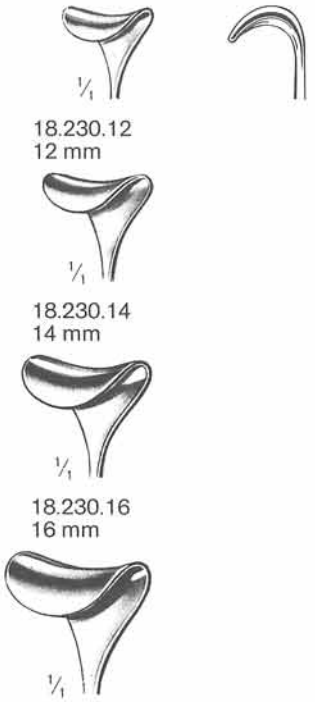
18.227.02

18.227.03

18.227.04

Wundhaken
Retractors
Ecarteurs
Separadores
Divaricatori

DESMARRES
16 cm



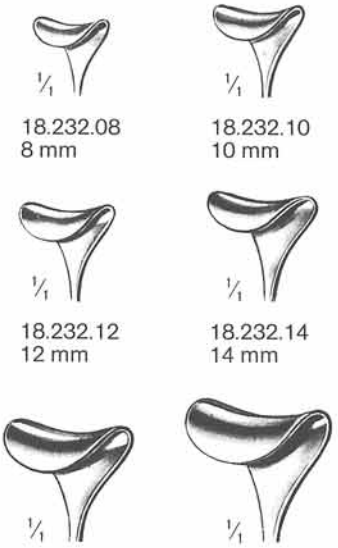
18.230.12
12 mm

18.230.14
14 mm

18.230.16
16 mm

18.230.18
18 mm

CUSHING
20 cm



18.232.08
8 mm

18.232.10
10 mm

18.232.12
12 mm

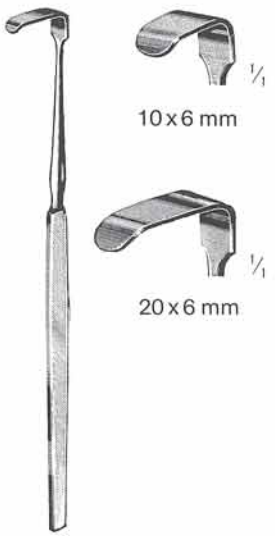
18.232.14
14 mm

18.232.16
16 mm

18.232.18
18 mm

CUSHING
18.234.20
20 cm

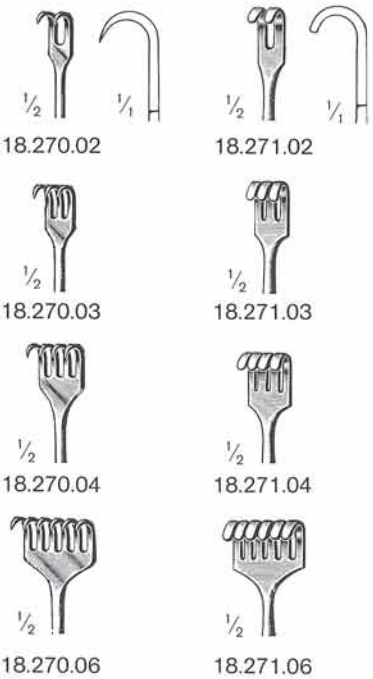
CUSHING
18.234.21
21,5 cm



SENN-GREEN

18.240.10	10x6 mm
18.240.20	20x6 mm

VOLKMANN
11.5 cm



18.270.02

18.271.02

18.270.03

18.271.03

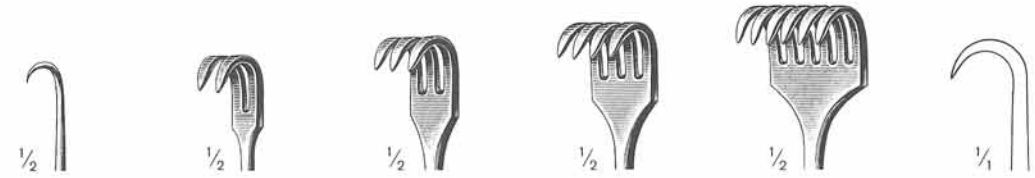
18.270.04

18.271.04

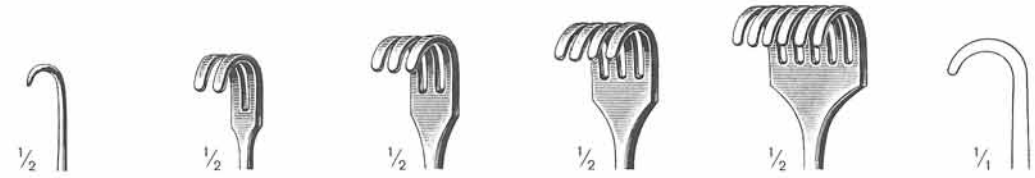
18.270.06

18.271.06

Wundhaken
Retractors
Ecarteurs
Separadores
Divaricatori

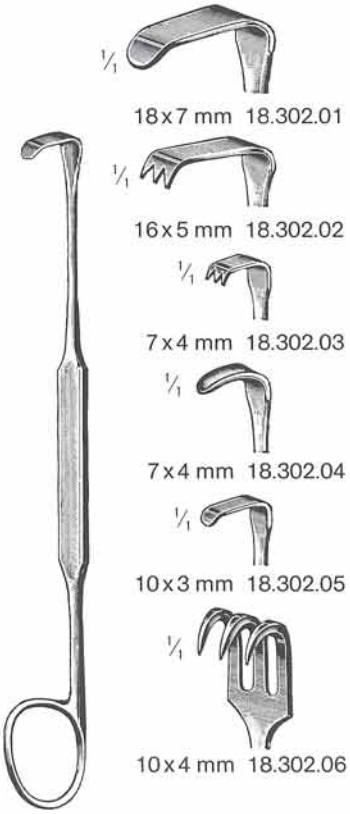


18.280.01 18.280.02 18.280.03 18.280.04 18.280.06

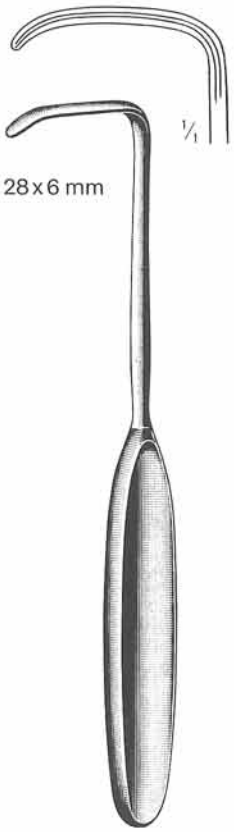


18.281.01 18.281.02 18.281.03 18.281.04 18.281.06

VOLKMANN
21.5 cm



MEYERDING
18 cm



LAHEY
18.304.19
19 cm

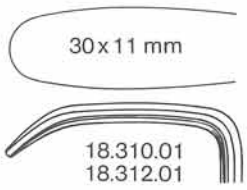
LITTLE
18.306.20
20 cm

Wundhaken
Retractors
Ecarteurs
Separadores
Divaricatori

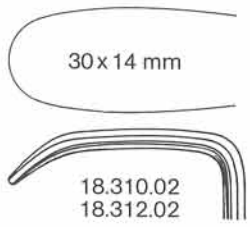
LANGENBECK

18.310.01
– 18.310.05
22 cm

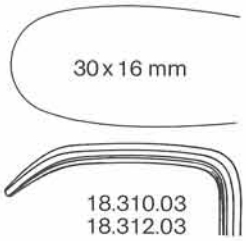
18.312.01
– 18.312.05
21 cm



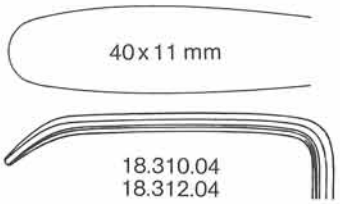
18.310.01
18.312.01



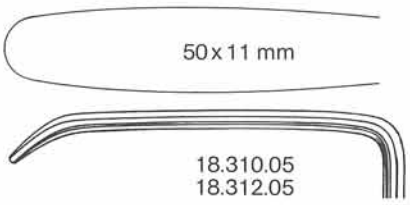
18.310.02
18.312.02



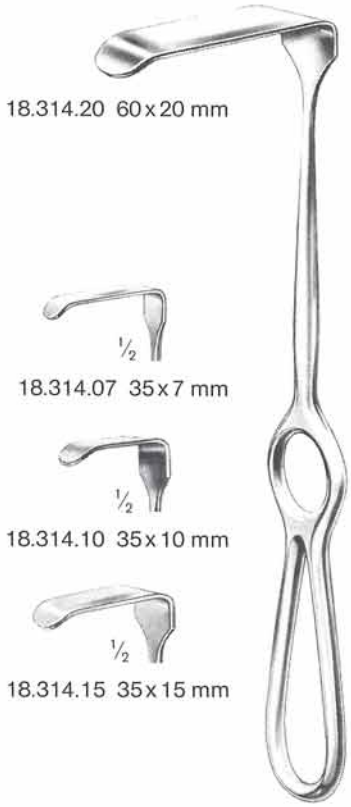
18.310.03
18.312.03



18.310.04
18.312.04



18.310.05
18.312.05



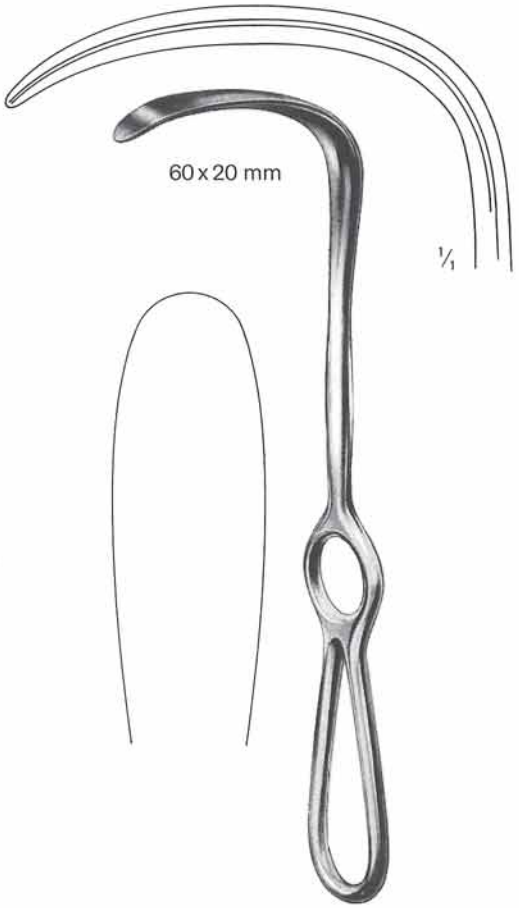
18.314.20 60 x 20 mm

18.314.07 35 x 7 mm

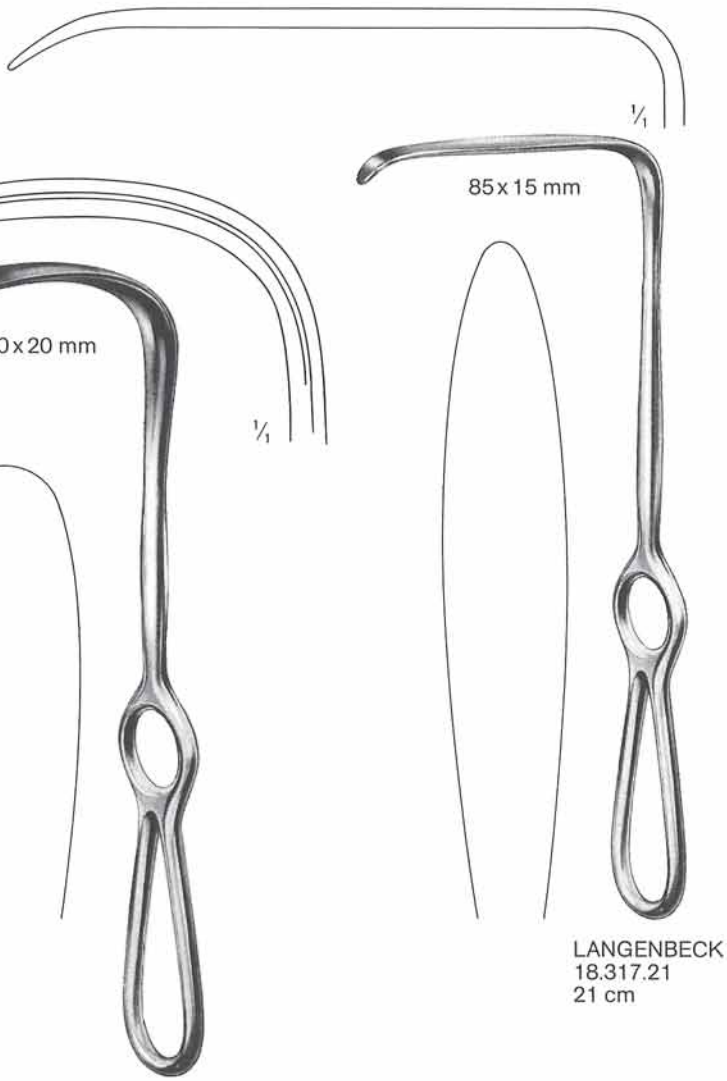
18.314.10 35 x 10 mm

18.314.15 35 x 15 mm

LANGENBECK
18.314.07 - 18.314.20
21 cm

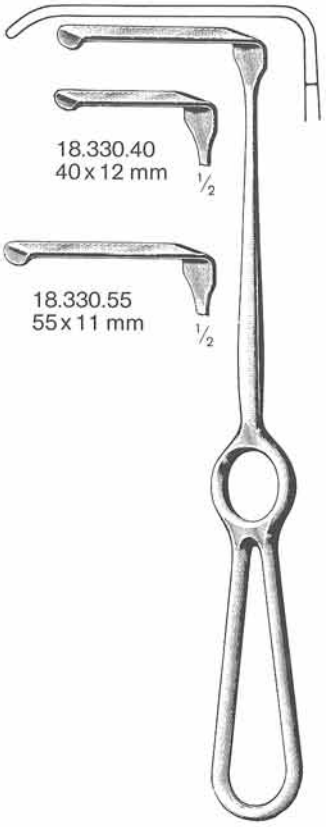


LANGENBECK
18.315.21
21 cm

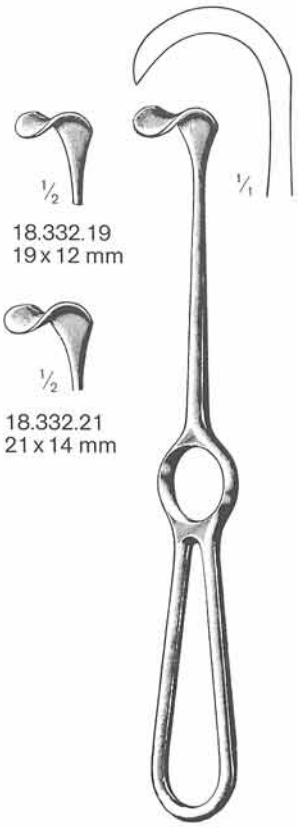


LANGENBECK
18.317.21
21 cm

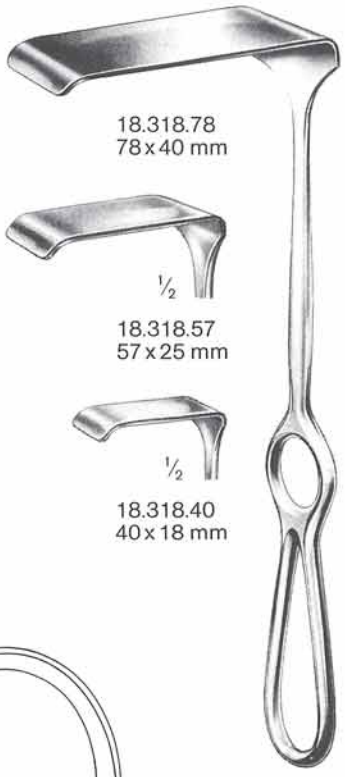
Wundhaken
Retractors
Ecarteurs
Separadores
Divaricatori



KOCHER
18.330.40-18.330.55
19 cm



KOCHER
18.332.19-18.332.21
19 cm



18.318.40-18.318.78
23 cm

KOCHER	mm
18.340.10	40 x 10
18.340.15	40 x 15
18.340.20	40 x 20

22 cm

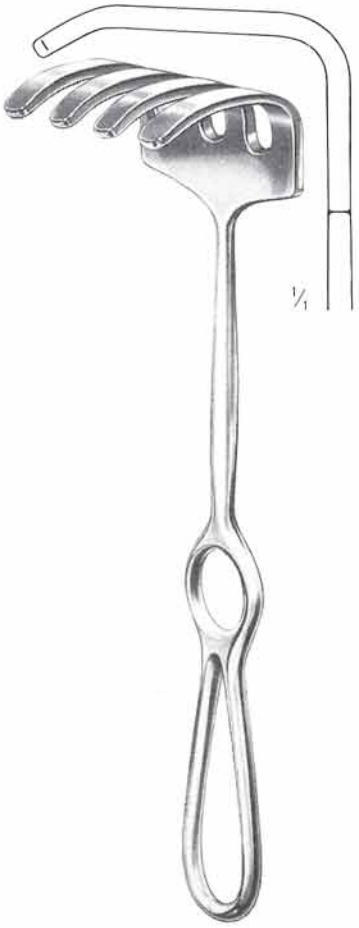
18.344.14
14 x 17 mm
21,5 cm

18.344.20
20 x 22 mm
22 cm

18.344.26
26 x 30 mm
23,5 cm

MIDDELDORPF
18.344.14-18.344.26

GREEN
18.348.22
22 cm

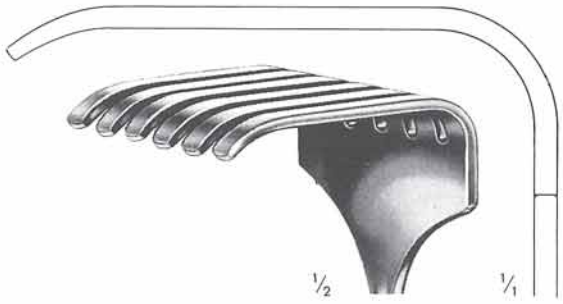


OLLIER
18.360.04
22,5 cm

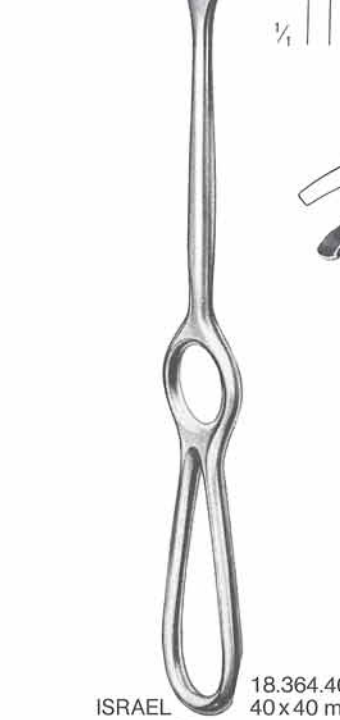
Wundhaken
Retractors
Ecarteurs
Separadores
Divaricatori

18.364.50 45x50 mm

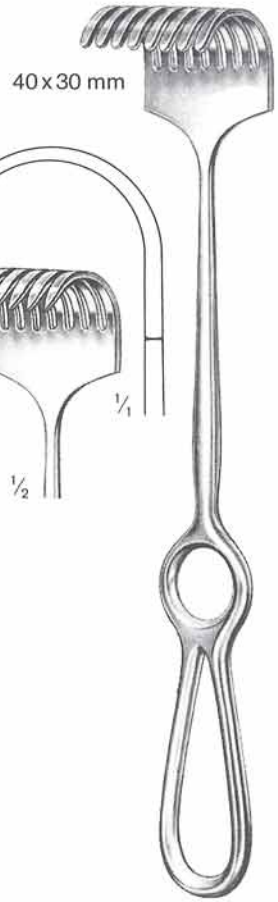
18.364.60 50x60 mm

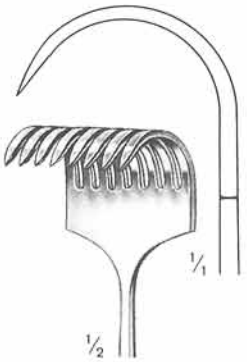


18.364.70 70x70 mm



ISRAEL 18.364.40
40x40 mm
25 cm





KOERTE

18.366.08 23,5 cm 18.367.08

FRITSCH	mm
18.370.40	45x40
18.370.50	45x50
18.370.60	45x60
18.370.75	45x75

24 cm

KOCHER
18.372.22
22,5 cm

KOCHER	mm
18.374.45	80x45
18.374.55	80x55
18.374.65	80x65

25 cm

Wundhaken
Retractors
Ecarteurs
Separadores
Divaricatori

mm	KELLY
160x38	18.385.38
160x57	18.385.57

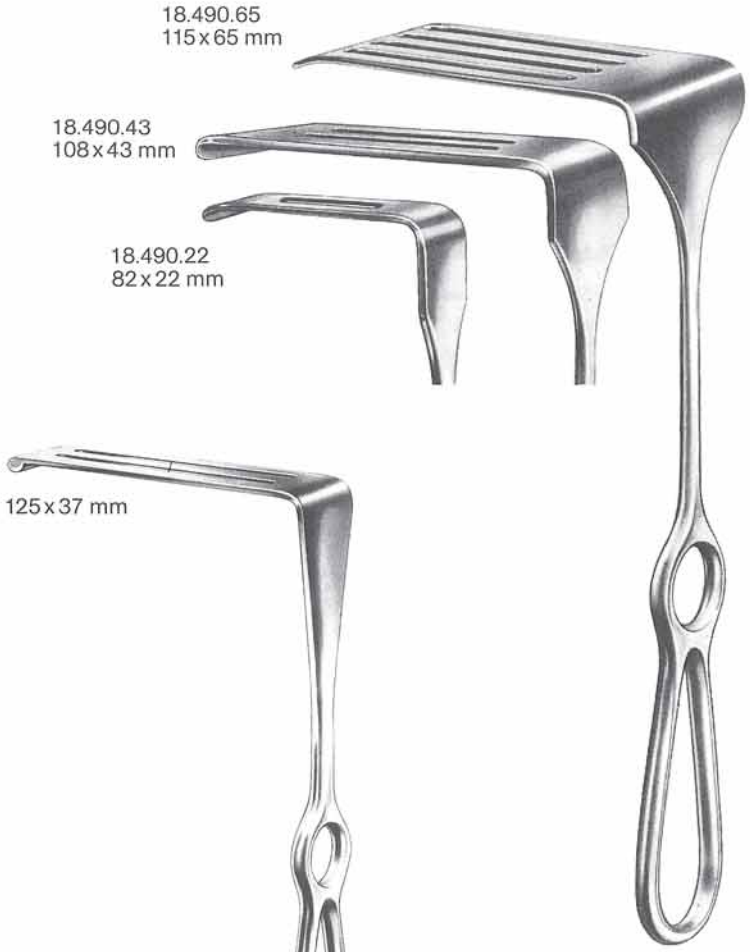
27 cm

SIMON	mm
18.480.22	115x22
18.480.27	115x27

28 cm

HEANEY
18.482.45-18.482.82
27 cm

Wundhaken
Retractors
Ecarteurs
Separadores
Divaricatori



CORYLLOS (Thorax)
18.490.22-18.490.65
24 cm

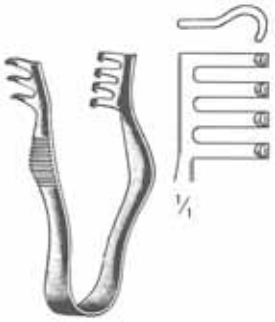
SAUERBRUCH
18.492.25
25 cm

SAUERBRUCH
18.494.45-18.494.75
22,5 cm

DAVIDSON (Scapula)
18.496.50
75 x 50 mm

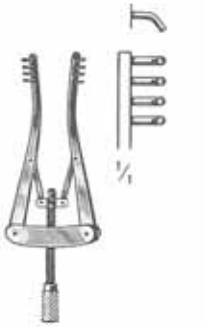
DAVIDSON (Scapula)
18.496.90
75 x 90 mm

Wundsperrer
Retractors
Ecarteurs
Separadores
Divaricatori



FINSEN

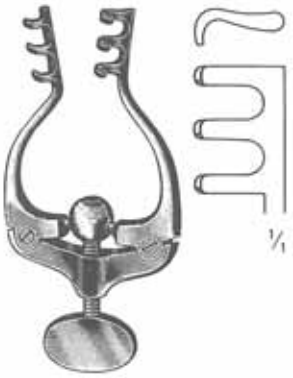
18.610.07	7 cm	18.611.07



ALM

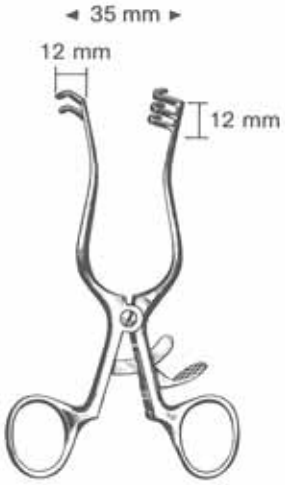
18.620.07	7 cm	18.621.07
18.620.10	10 cm	18.621.10

JANSEN
18.630.10
10 cm



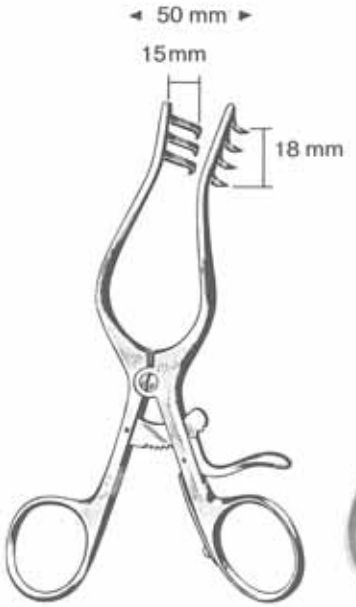
JANSEN
18.631.10
10 cm

18.634.10	10 cm	18.635.10



WEITLANER

18.650.10	11,5 cm	18.651.10

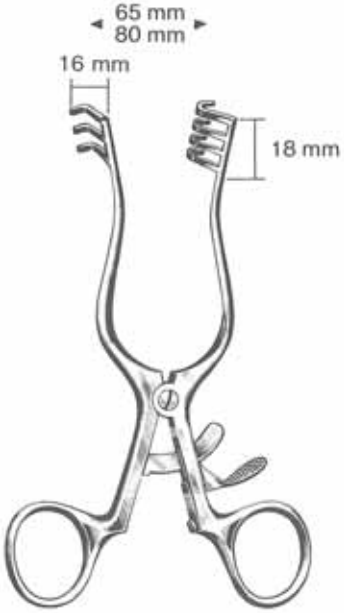


WEITLANER-WULLSTEIN

18.654.13	13 cm	18.655.13

PLESTER
18.657.11
11 cm

PLESTER
18.659.11
11 cm

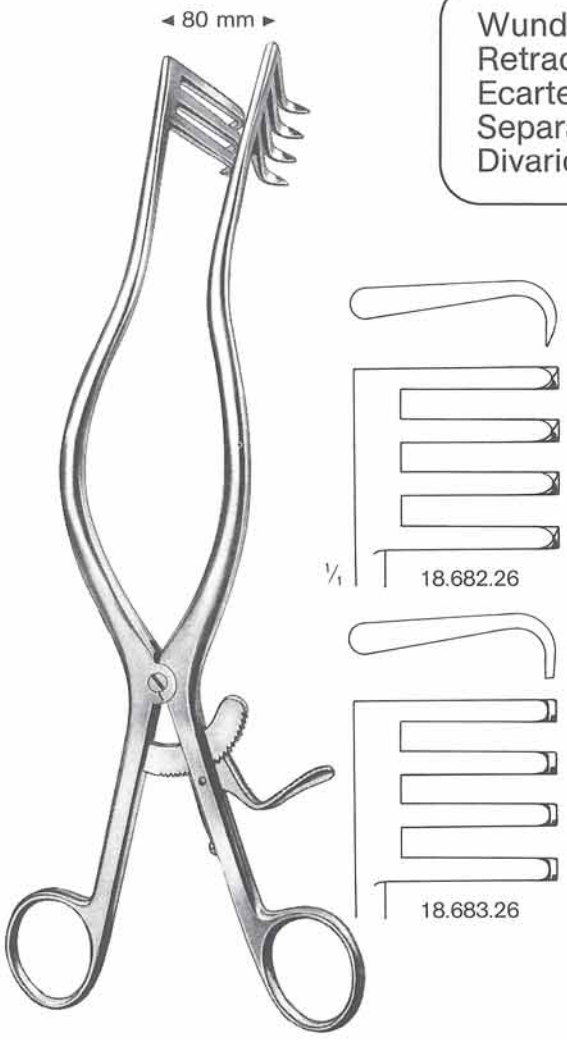


WEITLANER

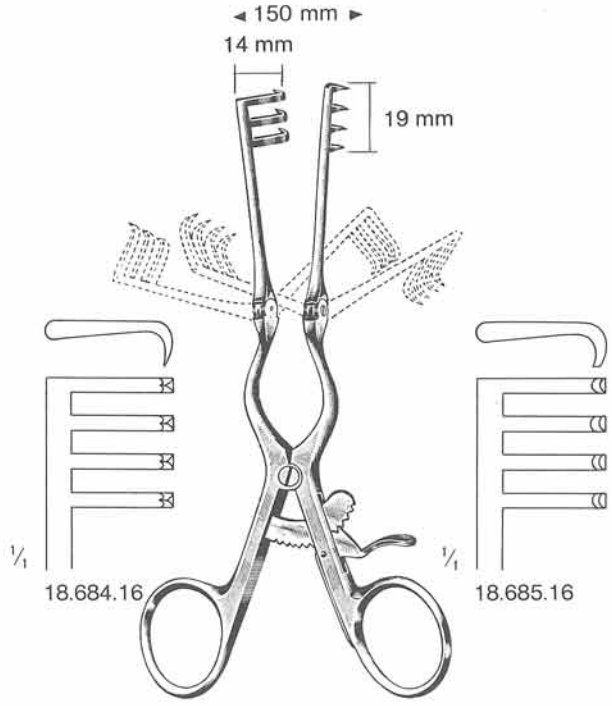
18.670.14	14,0 cm	18.671.14
18.670.16	16,5 cm	18.671.16
18.670.20	20,0 cm	18.671.20

Wundsperrer
Retractors
Ecarteurs
Separadores
Divaricatori

ADSON
18.680.19 19 cm 18.681.19



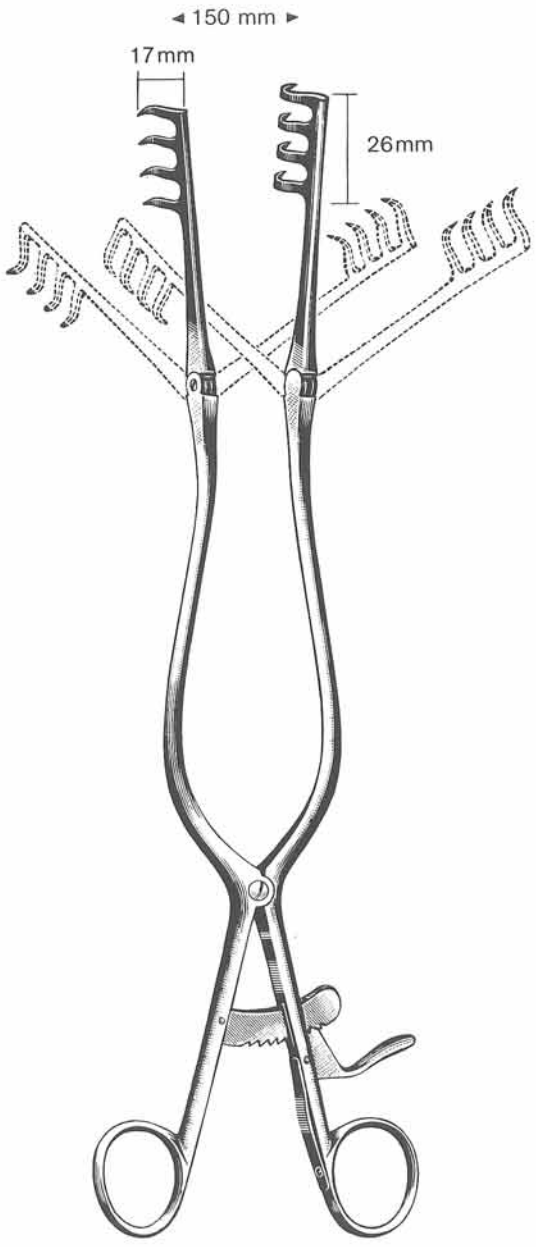
ADSON
18.682.26-18.683.26
26,5 cm



ADSON Baby
18.684.16-18.685.16
16 cm

BECKMANN-ADSON
18.686.32
32 cm

Wundsperrer
Retractors
Ecarteurs
Separadores
Divaricatori



BECKMANN
18.690.31
31 cm

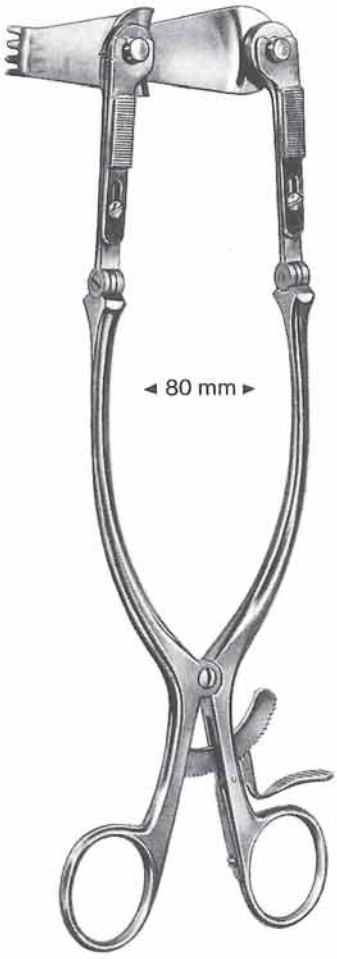
BECKMANN-EATON
18.692.32
32 cm

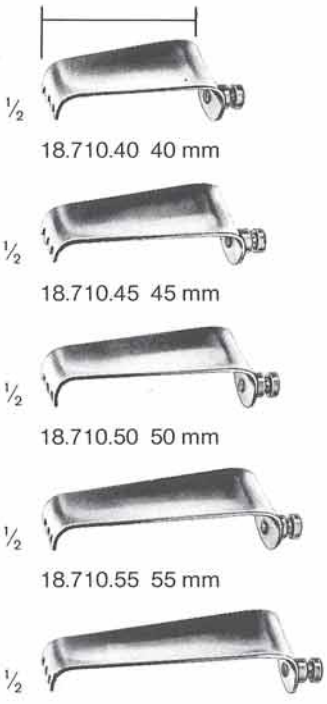
Wundsperrer
Retractors
Ecarteurs
Separadores
Divaricatori

MOLLISON
18.693.15
15 cm

DARLING
18.696.18
18 cm

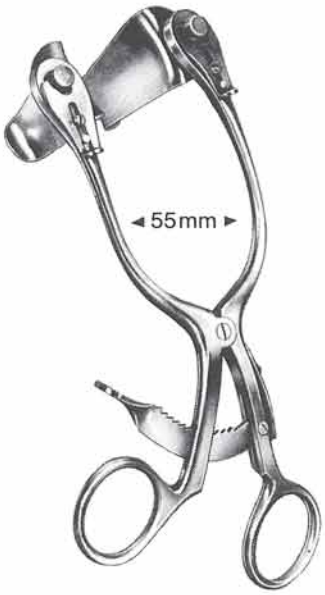
DARLING
18.698.18
18 cm

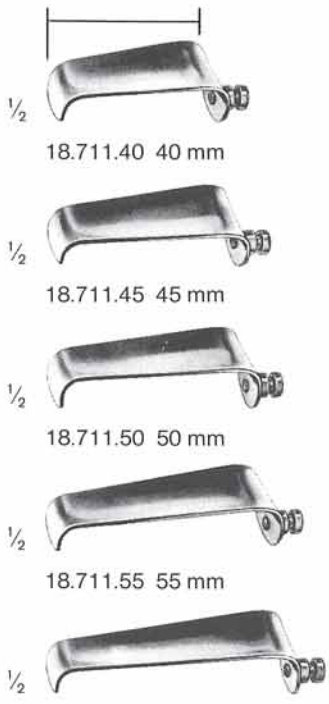




18.710.40 40 mm
18.710.45 45 mm
18.710.50 50 mm
18.710.55 55 mm
18.710.60 60 mm

CLOWARD
18.710.00
18.710.01 ohne Valven · without blades
sans valves · sin valvas · senza valve





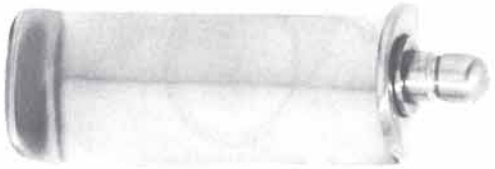
18.711.40 40 mm
18.711.45 45 mm
18.711.50 50 mm
18.711.55 55 mm
18.711.60 60 mm

CLOWARD
18.711.00
18.711.01 ohne Valven · without blades
sans valves · sin valvas · senza valve

Wundspreizer, cerv. Wirbelsäule
Retractors, Cervical Spine
Ecarteurs, colonne cervicale
Separadores, columna espinal
Divaricatori, spina cervica

CASPAR
18.724.00 compl.
18.724.11

CASPAR
18.720.00 compl.
18.720.15 ohne Valven · without blades
sans valves · sin valvas · senza valve



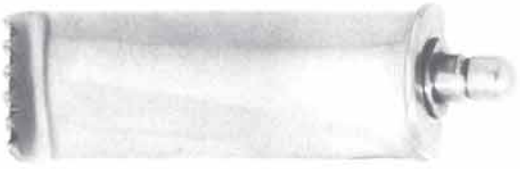
stumpf
blunt
mousse
roma
smussa

mm	CASPAR
45 x 20	18.720.45
50 x 20	18.720.50
55 x 20	18.720.55
60 x 20	18.720.60
65 x 20	18.720.65

medial

mm	CASPAR
40 x 20	18.724.40
45 x 20	18.724.45
50 x 20	18.724.50
55 x 20	18.724.55
60 x 20	18.724.60

CASPAR
18.721.00 compl.
18.721.15 ohne Valven · without blades · sans valves · sin valvas · senza valve



lateral

mm	CASPAR
40 x 20	18.725.40
45 x 20	18.725.45
50 x 20	18.725.50
55 x 20	18.725.55
60 x 20	18.725.60

Wundsperrer, ges. Wirbelsäule
Retractors, vertebral Column
Ecarteurs, colonne vertébrale
Separadores, columna vertebral
Divaricatori, colonna vertebrale

CASPAR
18.730.00 compl.
18.730.15 ohne Valven · without blades · sans valves · sin valvas · senza valve

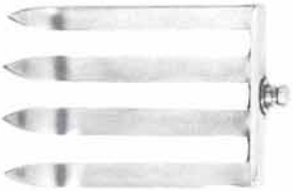
CASPAR
18.740.00 compl.
18.740.15 ohne Valven · without blades · sans valves · sin valvas · senza valve

mm	CASPAR
50	18.731.50

mm	CASPAR
70	18.731.70

mm	CASPAR
35 x 22	18.732.35
40 x 22	18.732.40
45 x 22	18.732.45
50 x 22	18.732.50
55 x 22	18.732.55
60 x 22	18.732.60
65 x 22	18.732.65
70 x 22	18.732.70

mm	CASPAR
35 x 37	18.733.35
40 x 37	18.733.40
45 x 37	18.733.45
50 x 37	18.733.50
55 x 37	18.733.55
60 x 37	18.733.60
65 x 37	18.733.65
70 x 37	18.733.70



mm	CASPAR
35 x 52	18.734.35
40 x 52	18.734.40
45 x 52	18.734.45
50 x 52	18.734.50
55 x 52	18.734.55
60 x 52	18.734.60
65 x 52	18.734.65
70 x 52	18.734.70

Wundspreizer
Retractors
Ecarteurs
Separadores
Divaricatori

18.745.40
40 mm

18.745.45
45 mm

18.745.50
50 mm

18.745.55
55 mm

18.745.60
60 mm

18.745.65
65 mm

18.745.70
70 mm

CASPAR
18.744.00 compl incl. 5 Valven · blades
valves · valvas · valve
18.744.17 ohne Valven · without blades · sans valves · sin valvas · senza valve

18.747.45
45 mm

18.747.50
50 mm

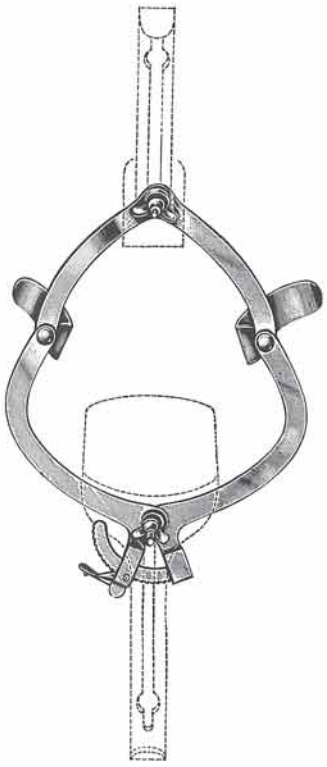
18.747.55
55 mm

18.747.60
60 mm

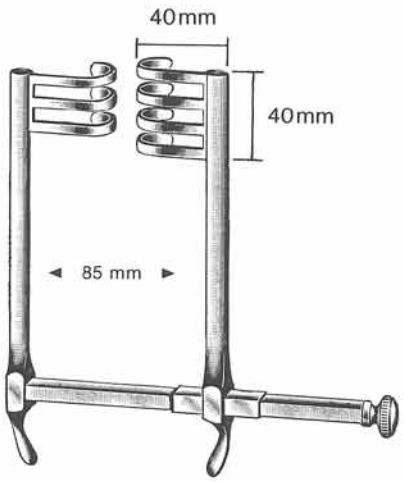
18.747.65
65 mm

CASPAR
18.747.45-18.747.65

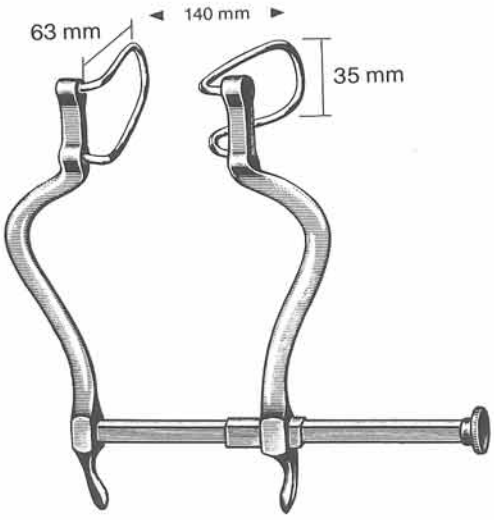
Bauchdeckenhalter
Abdominal Retractors
Ecarteurs abdominaux
Separadores abdominales
Divaricatori addominali



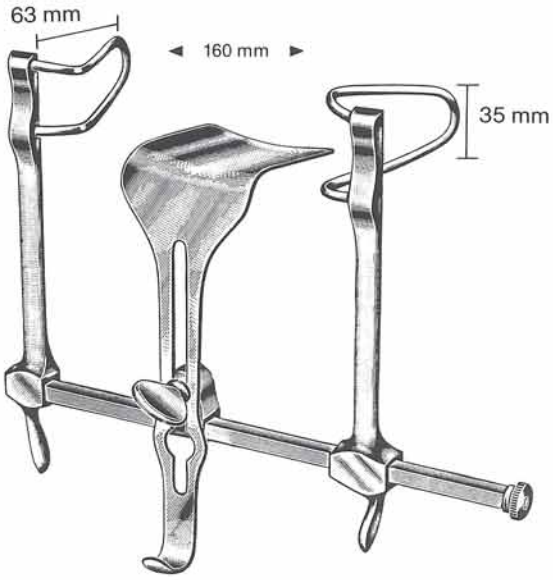
O'SULLIVAN-O'CONNOR
18.754.00



FRAZIER
18.758.85

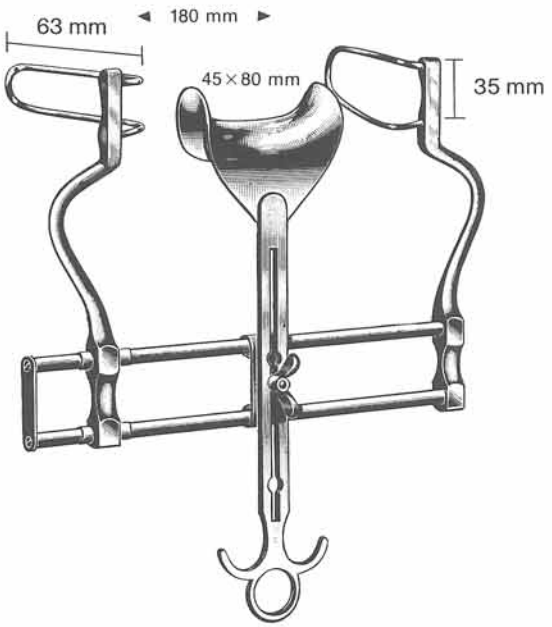


GOSSET
18.760.14

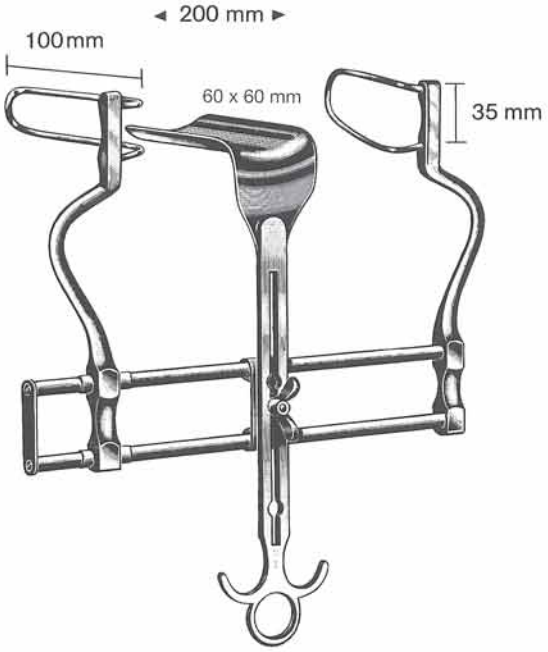


GOSSET
18.762.16

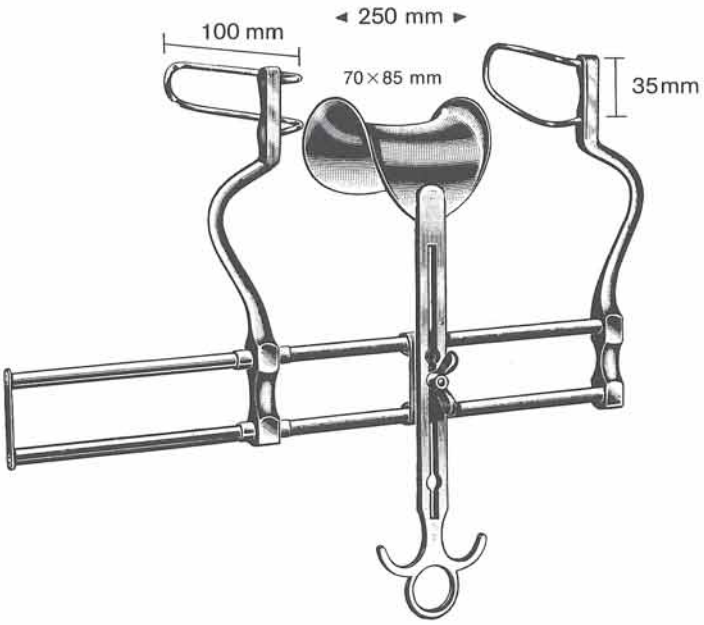
Bauchdeckenhalter
Abdominal Retractors
Ecarteurs abdominaux
Separadores abdominales
Divaricatori addominali



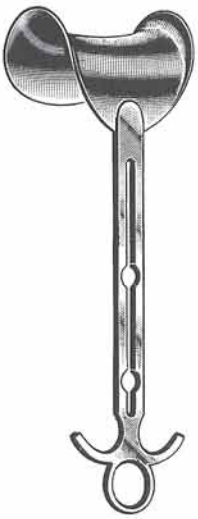
BALFOUR
18.764.18
18 cm



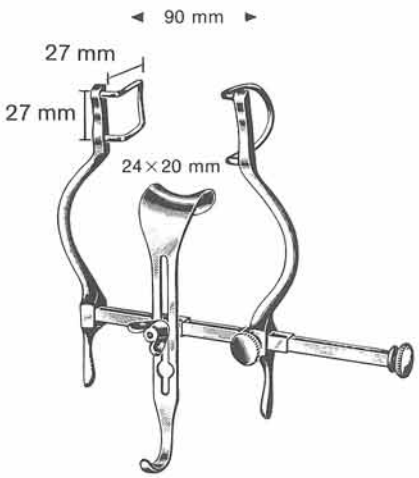
BALFOUR
18.764.20
20 cm



BALFOUR
18.764.25
25 cm

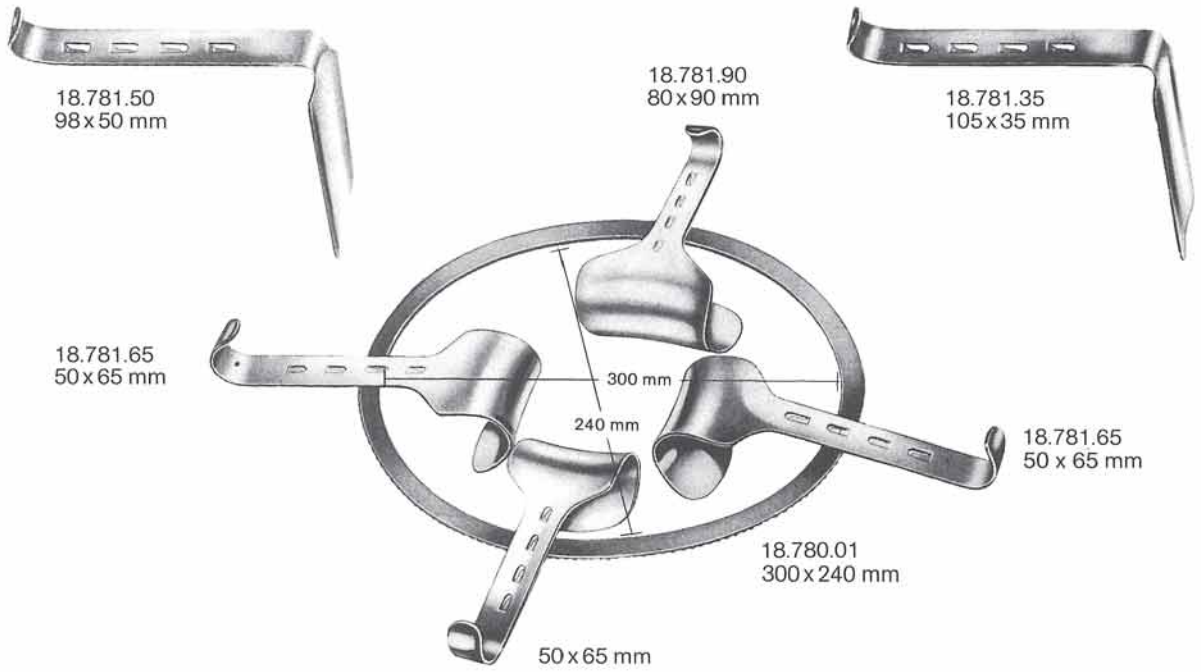


mm	BALFOUR
45x80	18.765.45
70x85	18.765.70
80x90	18.765.80



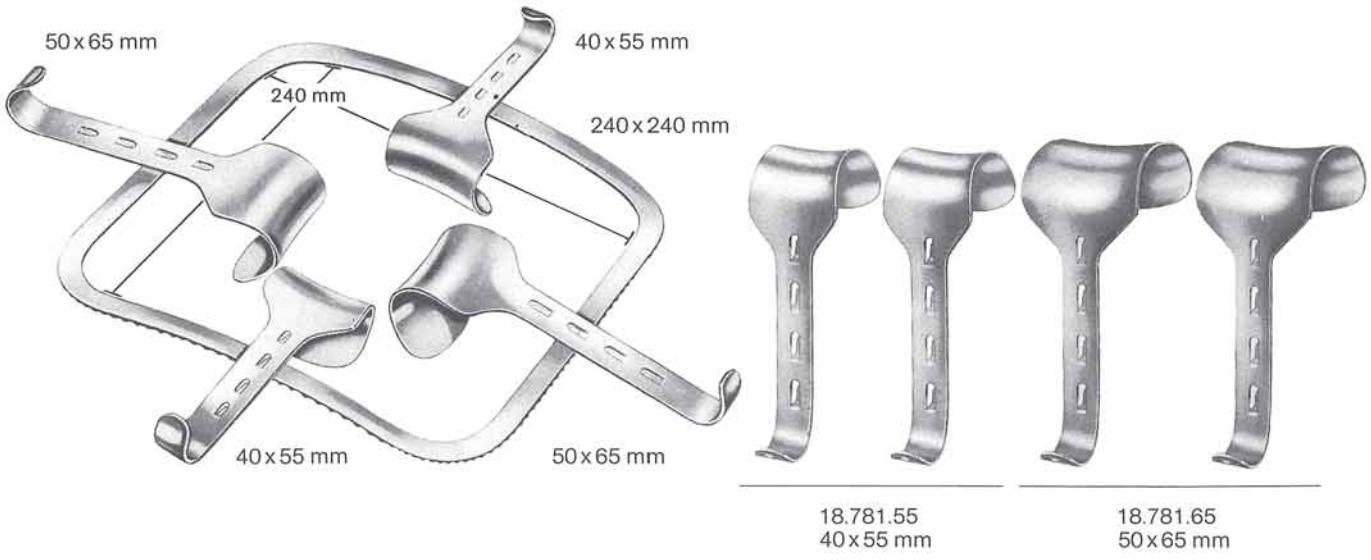
BALFOUR Baby
18.766.90
9 cm

Bauchdeckenhalter
Abdominal Retractors
Ecarteurs abdominaux
Separadores abdominales
Divaricatori addominali



KIRSCHNER

18.780.00 compl.



KIRSCHNER

18.782.00 compl.

Bauchdeckenhalter
Abdominal Retractors
Ecarteurs abdominaux
Separadores abdominales
Divaricatori addominali

cm	GELPI
9	18.802.09
14	18.802.14
16	18.802.16
18	18.802.18

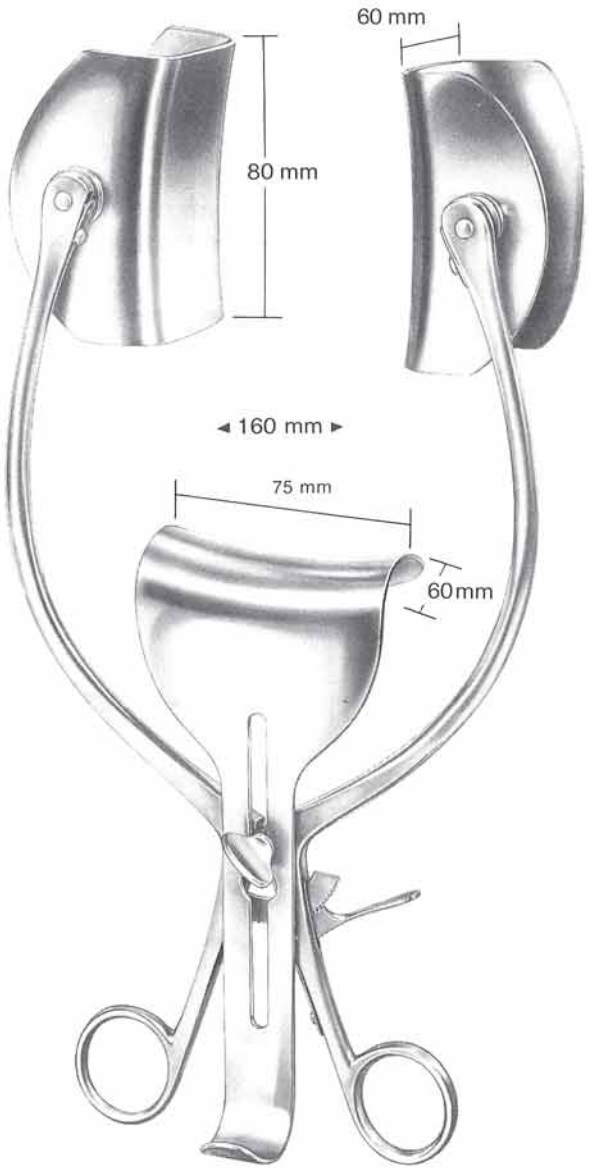
GELPI
18.804.18
18 cm

RIGBY
18.806.18
18 cm

COLLIN
18.810.22

Central/mm	COLLIN
38 x 55	18.812.60
50 x 75	18.812.80

Bauchdeckenhalter
Abdominal Retractors
Ecarteurs abdominaux
Separadores abdominales
Divaricatori addominali



COLLIN Loktite
18.816.00

Muskelhaken
Muscle Retractors (Hooks)
Ecarteurs musculaires
Separadores (ganchos) musculares
Divaricatori (unicini) muscolari

18.902.10
10 cm

18.903.00