

Retractors (Micro Hooklets, Skin Hooks)



RASSE
GR006.10
16 cm/6¼"



GRAEFE
15 cm/6"



GR066.01



GR066.02



16 cm/6¼"



GR068.01
Fig. 1



GR068.03
Fig. 3



GR068.02
Fig. 2



GR068.04
Fig. 4



RASSE
GR068.05
16 cm/6¼"



O'CONNOR
16 cm/6¼"



GR070.16



GUTHRIE
16 cm/6¼"



GR072.01
Fig. 1



GR072.02
Fig. 2



GR088.12
12 cm/4¾"



LANGENBECK-MINI
16 cm/6¼"



GR095.10
12 x 6 mm



GR095.17
18 x 6 mm



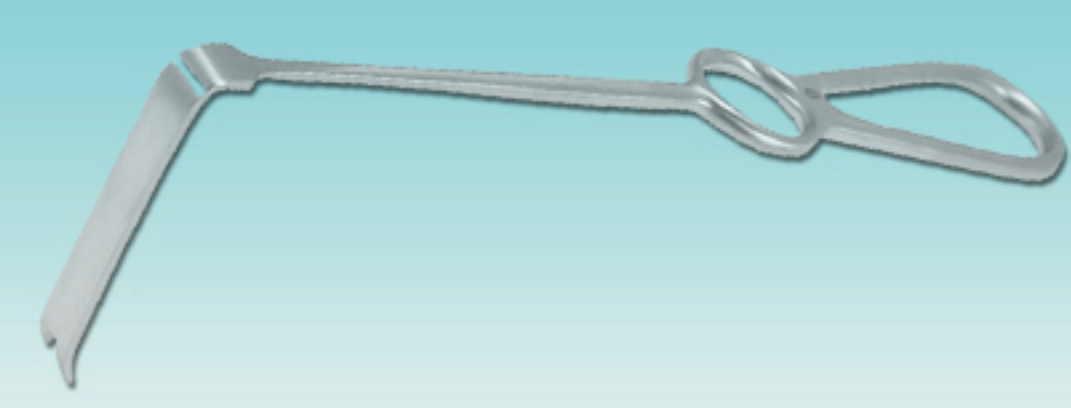
GR095.20
20 x 6 mm



GR095.22
21 x 8 mm

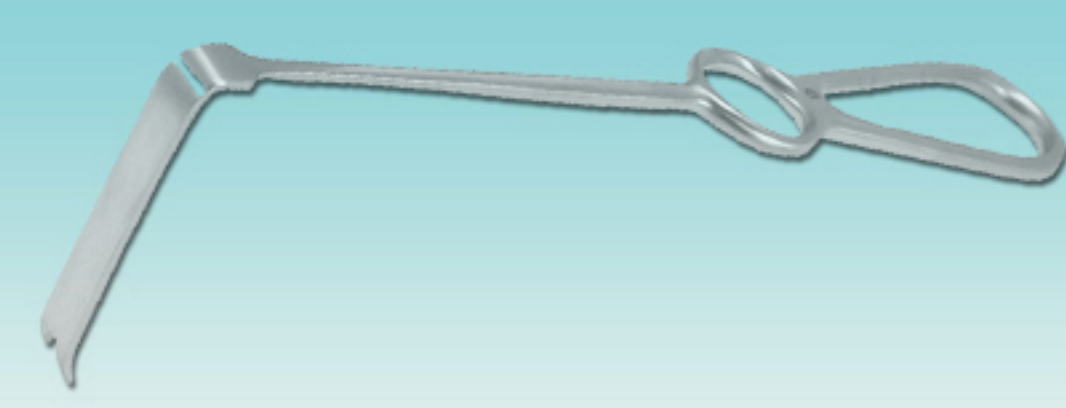


GR099.16
16 cm/6¼"
14 x 8 mm



Retractors (Saddle Hooks & Hooklets)





Retractors (Saddle Hooks)

DESMARRES
16 cm/6¼"

8 mm
GR091.08

10 mm
GR091.10

12 mm
GR091.12

14 mm
GR091.14

16 mm
GR091.16

18 mm
GR091.18

Fenestrated blades

DESMARRES
16 cm/6¼"

12 mm
GR093.12

14 mm
GR093.14

16 mm
GR093.16

18 mm
GR093.18

CUSHING
20.5 cm/8"

8 mm
GR171.08

10 mm
GR171.10

12 mm
GR171.12

14 mm
GR171.14

16 mm
GR171.16

18 mm
GR171.18

CUSHING
24 cm/9½"

8 mm
GR172.08

10 mm
GR172.10

12 mm
GR172.12

14 mm
GR172.14

16 mm
GR172.16

18 mm
GR172.18

GIL-VERNET
24 cm/9½"

Malleable shaft

GR174.04
4 mm

GR174.06
6 mm

GR174.08
8 mm

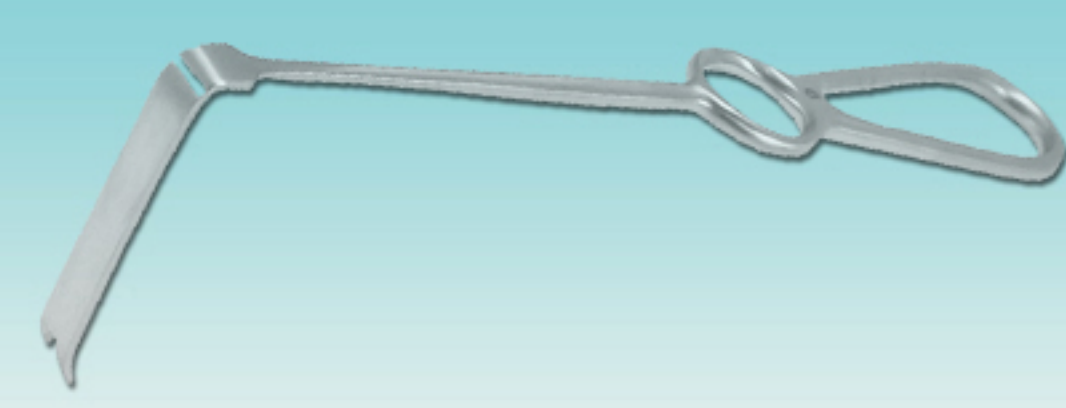
GR174.11
11 mm

GR174.15
15 mm

GR174.17
17 mm

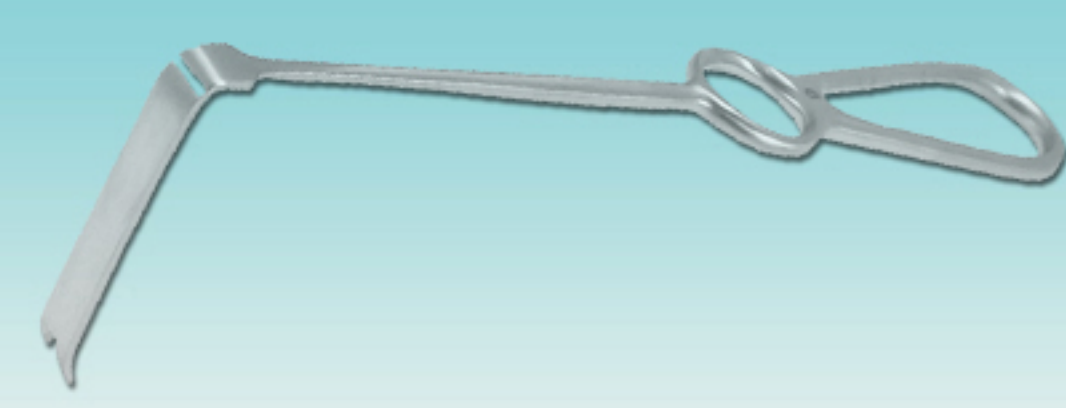
GR174.20
20 mm

GR174.23
23 mm



Retractors (Hooklets)

 MEYERDING 18 cm/7"	Blunt GR151.01 18 x 7 mm Fig. 1	Toothed GR151.02 16 x 5 mm Fig. 2	Toothed GR151.03 7 x 4 mm Fig. 3	 SENN-GREEN 16 cm/6 1/4"	20 x 6 mm GR161.01 Fig. 1	 RAGNELL-DAVIS GR164.14 15 cm/6"	8 x 4.5 mm 	 SENN-MILLER 16 cm/6 1/4"	Sharp GR166.16
	Blunt GR151.04 12 x 4 mm Fig. 4	Saddle shaped GR151.05 8 x 4 mm Fig. 5	Sharp GR151.06 7 x 9 mm Fig. 6		10 x 6 mm GR161.02 Fig. 2		15 x 5.5 mm 		Blunt GR167.16
 CRILE GR1000.18 11 cm	 CUSHING GR170.20 20.5 cm/8"	 STRANDELL-STILLE 19 cm/7 1/2"	 KAYE-MILLARD GR192.02 8 cm/3 1/4"	 KLAPP 17.5 cm/7"	 BROM 19 cm/7 1/2"	Smooth GR191.01 Fig. 1	 GR195.01 13 x 6 mm	 GR176.01 Narrow	
						Toothed GR191.02 Fig. 2			 GR195.02 12 x 11 mm
						 GR195.03 15 x 12 mm			



Retractors



VOLKMANN
21.5 cm/8½"



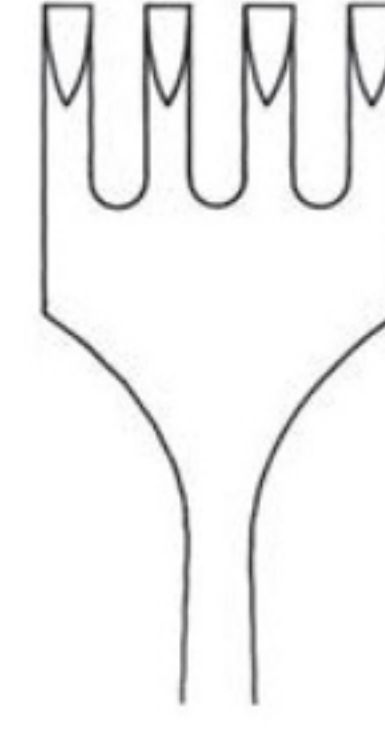
GR210.01



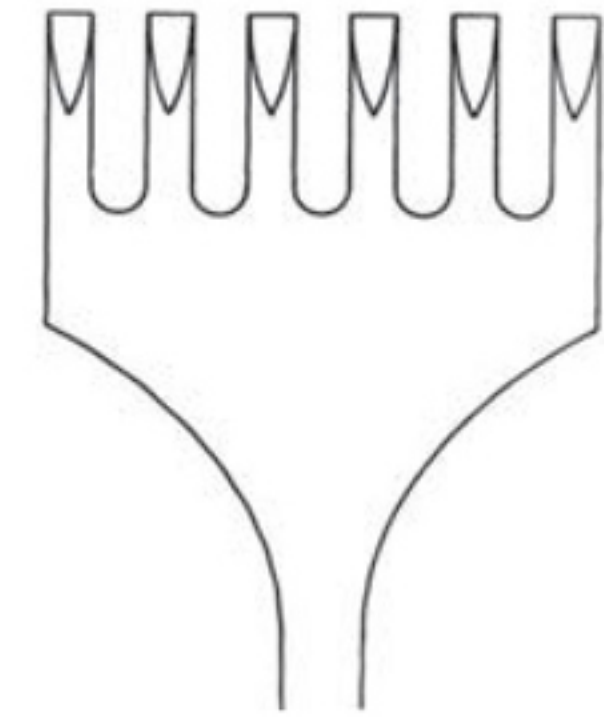
GR210.02



GR210.03



GR210.04



GR210.06

Sharp



GR211.01



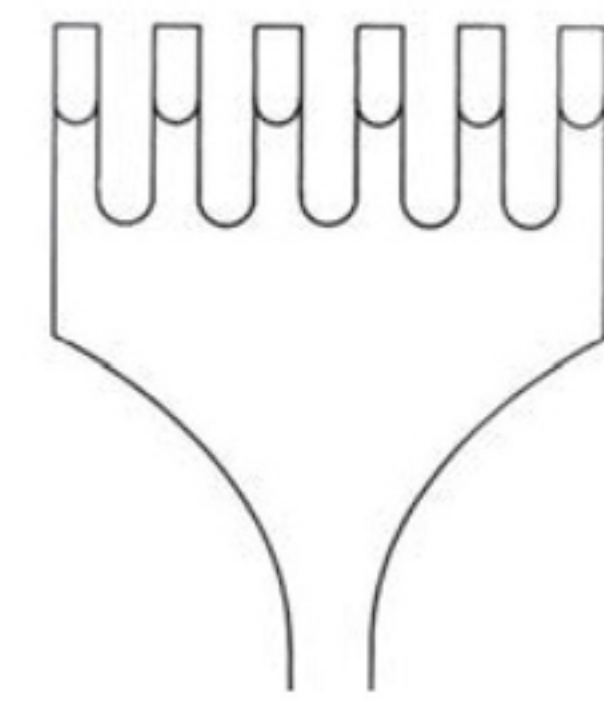
GR211.02



GR211.03



GR211.04



GR211.06

Blunt



VOLKMANN
GR230.01
21.5 cm/8½"

Sharp



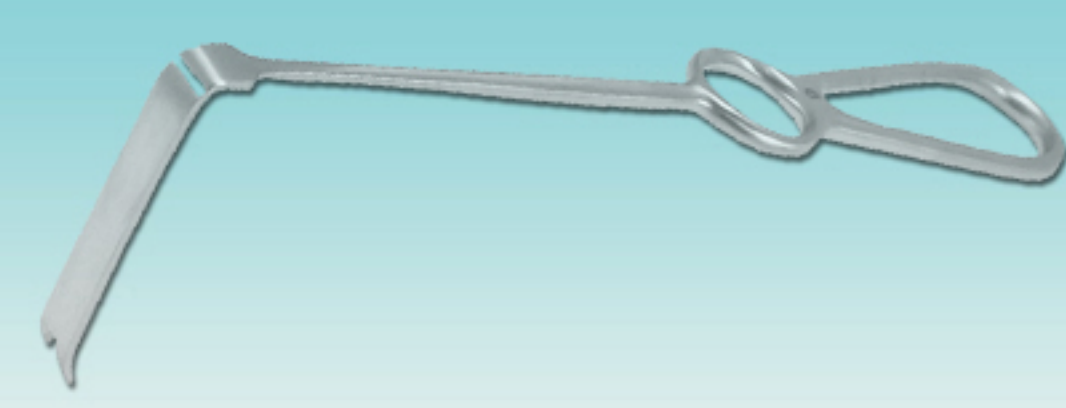
VOLKMANN
GR231.01
21.5 cm/8½"

Blunt



VOLKMANN
GR232.01
21.5 cm/8½"

Sharp



Retractors



VOLKMANN
22.5 cm/8¾"



GR220.01



GR220.02



GR220.03



GR220.04



GR220.06

Sharp



GR221.01



GR221.02



GR221.03



GR221.04



GR221.06

Blunt



GR222.01



GR222.02



GR222.03



GR222.04



GR222.06

Semi-sharp



KOCHER
22.5 cm/8¾"



GR240.01



GR240.02



GR240.03



GR240.04



GR240.06



GR240.08

Sharp



GR241.01



GR241.02



GR241.03



GR241.04



GR241.06



GR241.08

Blunt



GR242.01



GR242.02



GR242.03



GR242.04

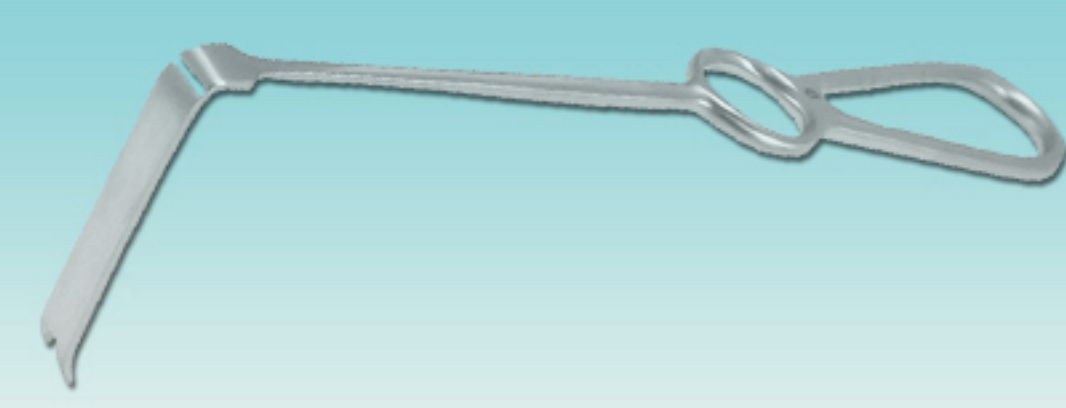


GR242.06

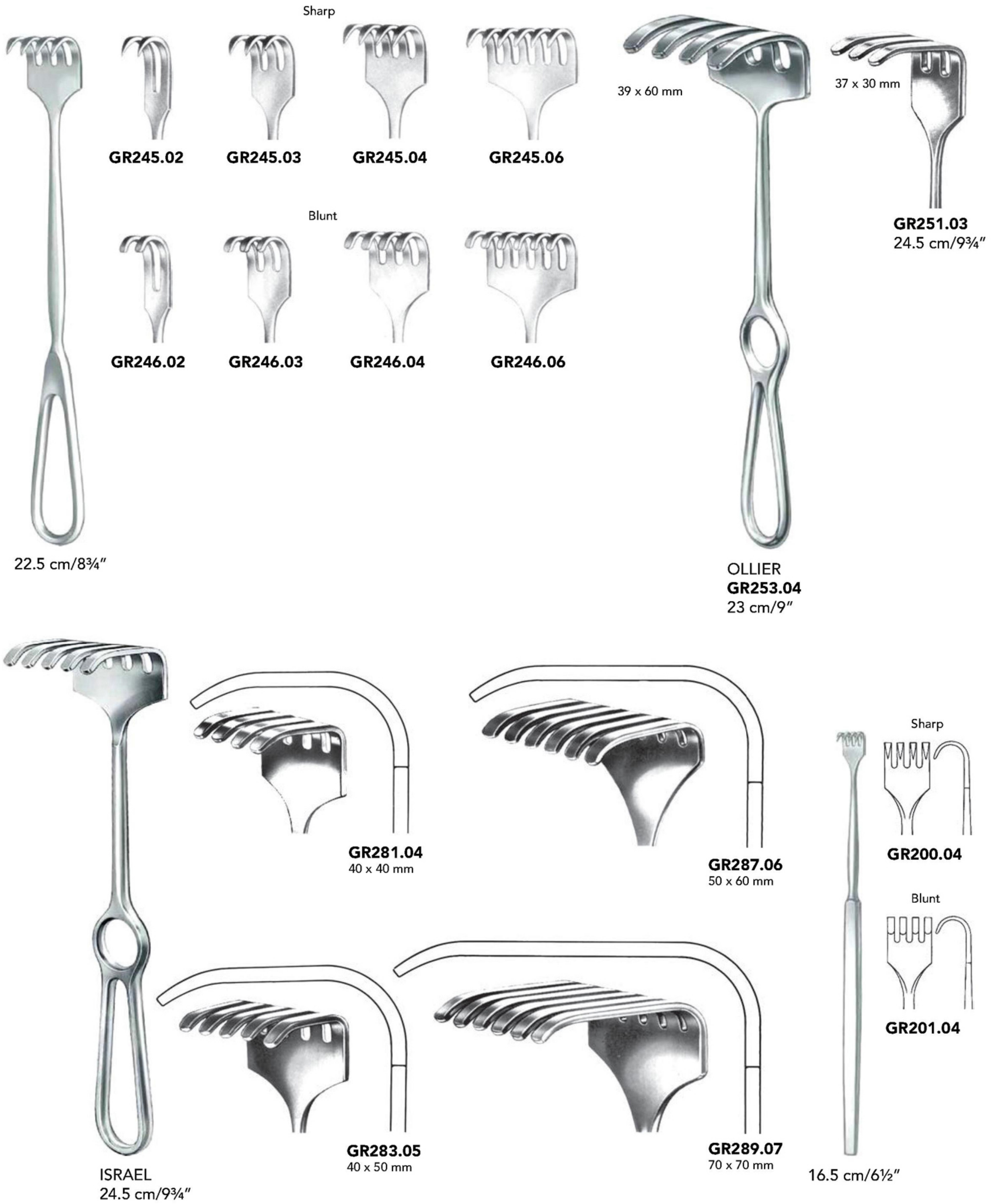


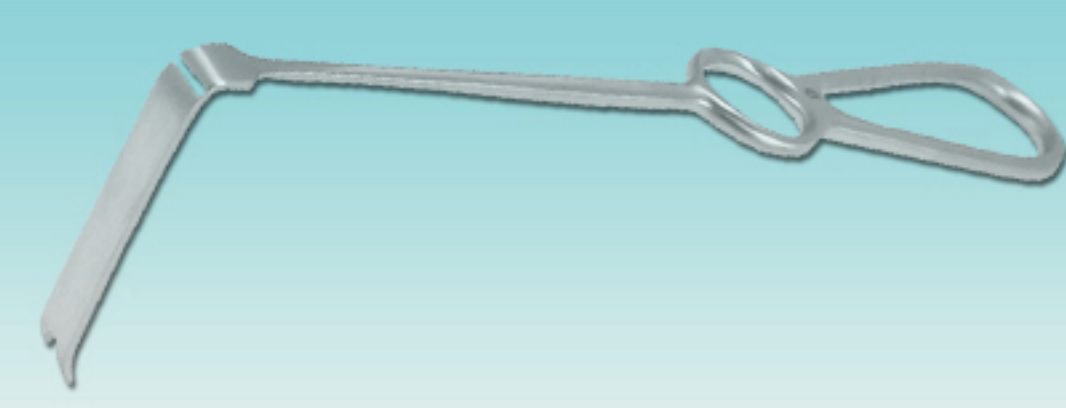
GR242.08

Semi-sharp

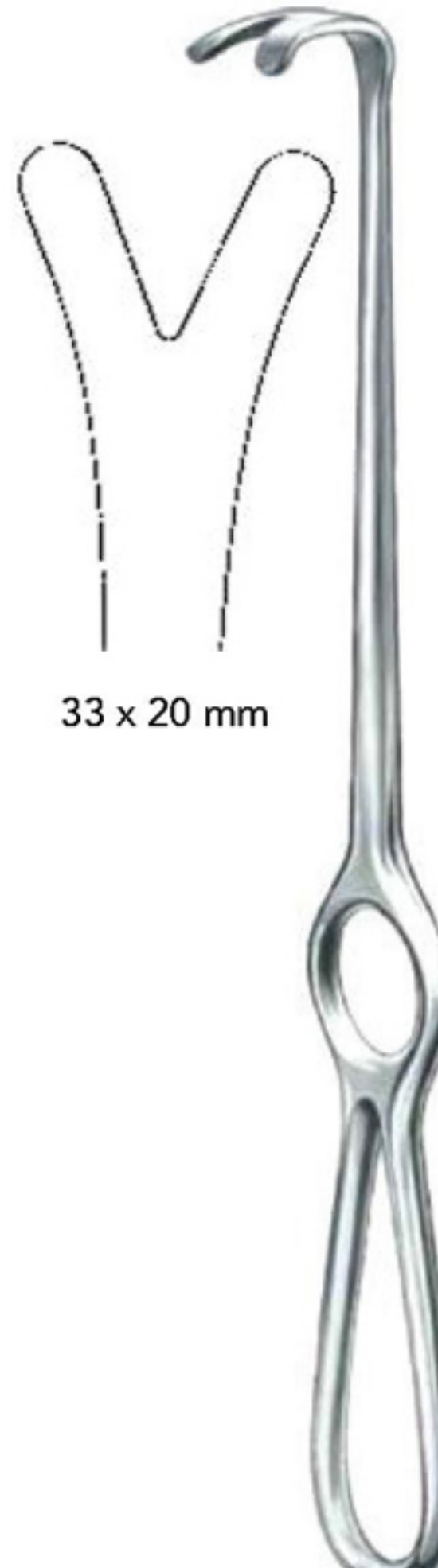


Retractors






Retractors



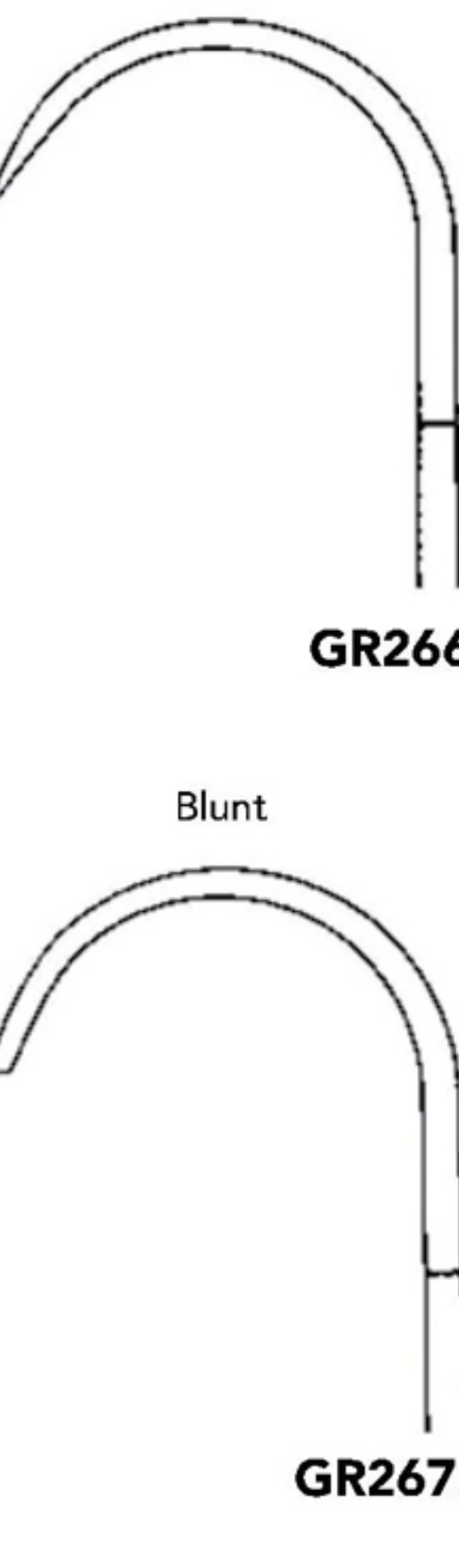
33 x 20 mm

WASSMUND
GR261.02
20.5 cm/8"



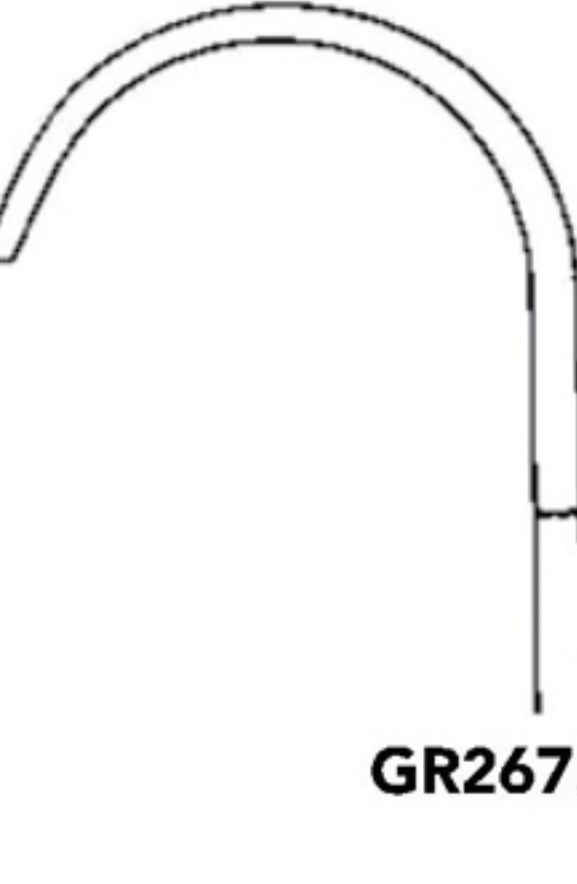
KOERTE
GR267.08
24.5 cm/9³/₄"

Sharp



GR266.08


Blunt



GR267.08

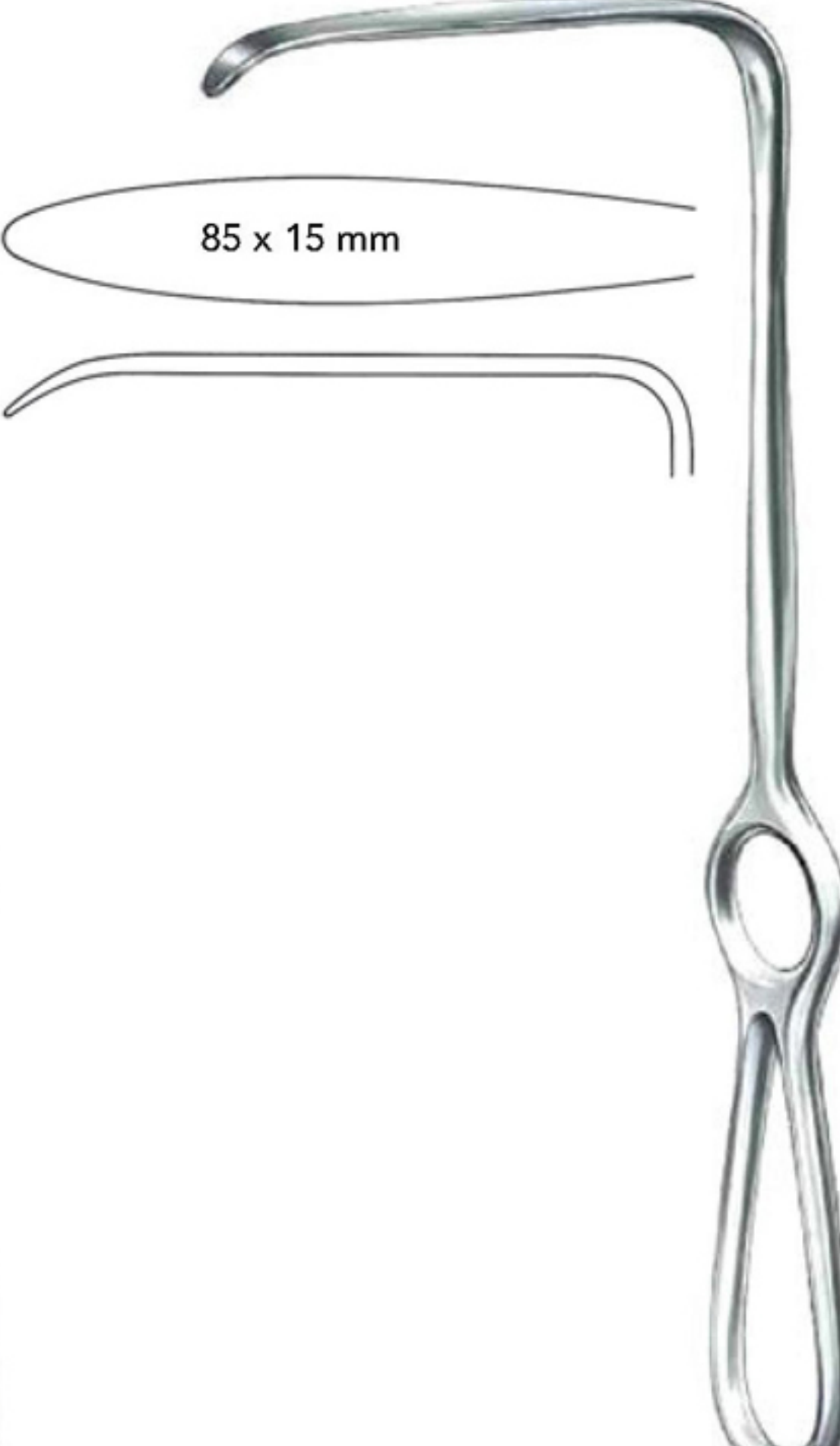
LANGENBECK	
22 cm/8 ³ / ₄ "	
30 x 11mm	GR291.01
30 x 14 mm	GR291.02
30 x 15 mm	GR291.03
40 x 11 mm	GR291.04
50 x 11 mm	GR291.05

LANGENBECK	
22 cm/8 ³ / ₄ "	
30 x 11mm	GR293.01
30 x 14 mm	GR293.02
30 x 15 mm	GR293.03
40 x 11 mm	GR293.04
50 x 11 mm	GR293.05




60 x 20 mm

LANGENBECK
GR295.21
21 cm/8¹/₂"



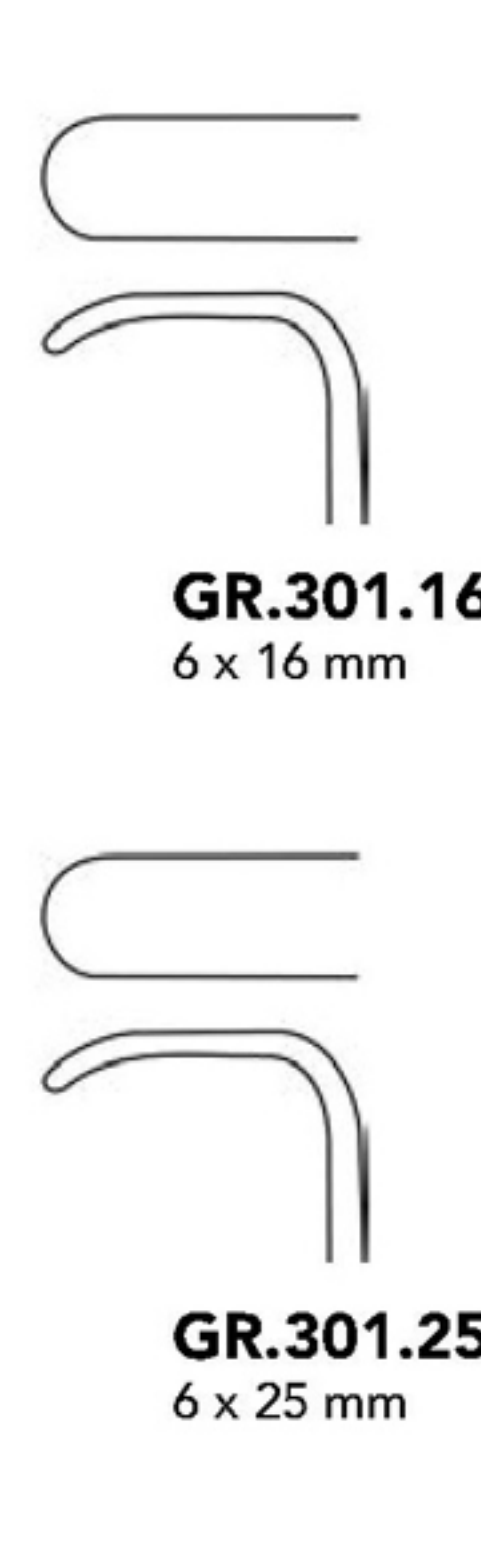
85 x 15 mm

LANGENBECK
GR297.21
22.5 cm/9"




43 x 13 mm

LANGENBECK
GR299.01
21 cm/8¹/₄"

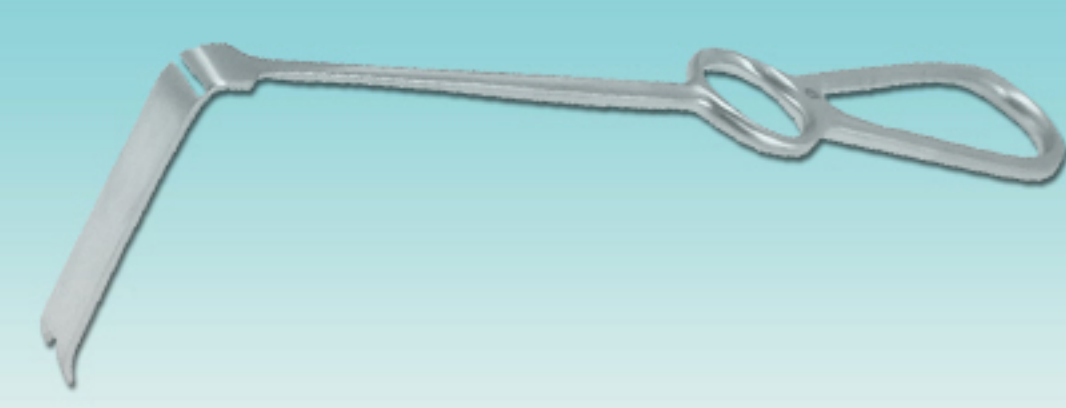


GR.301.16
6 x 16 mm



GR.301.25
6 x 25 mm

LANGENBECK-GREEN
16 cm/6¹/₄"



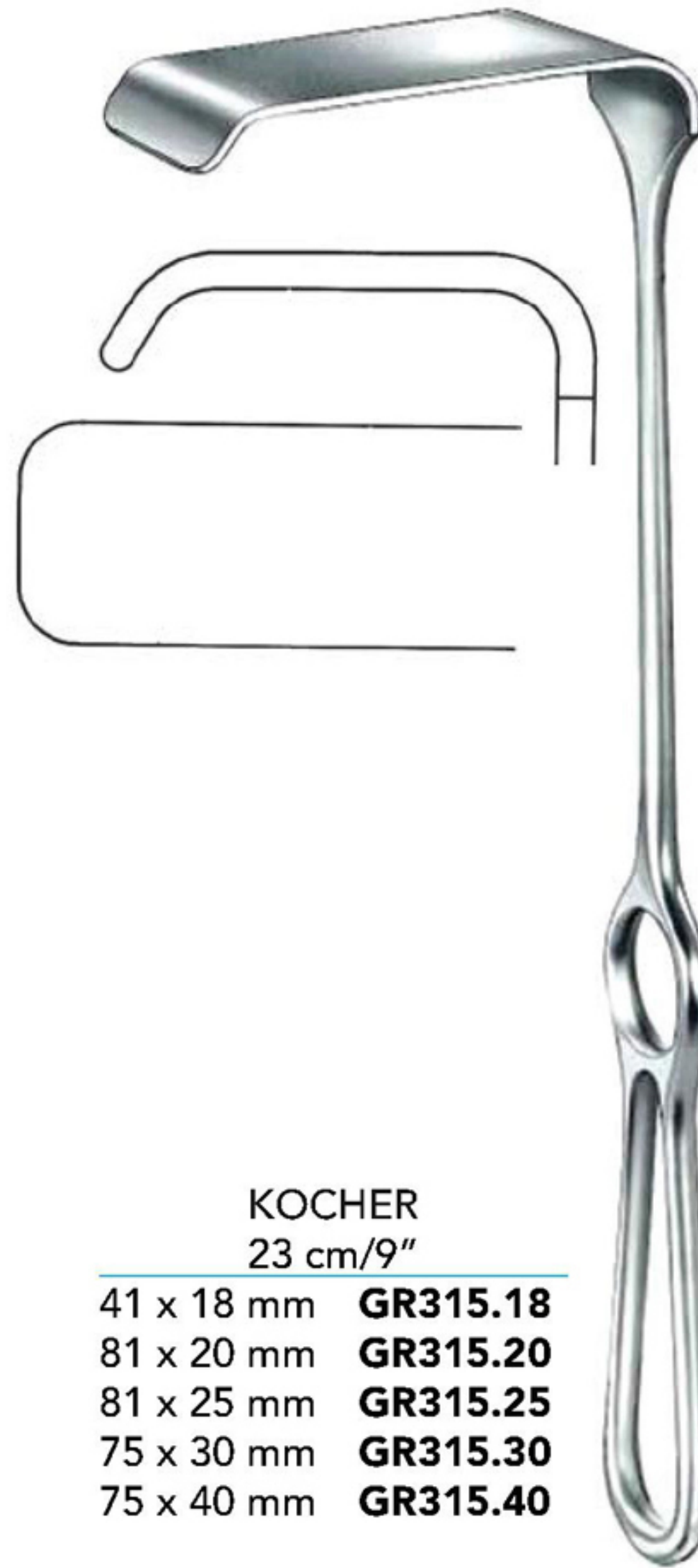
Retractors



LAHEY
GR307.19
19.5 cm/7¾"



LITTLE
GR313.19
20.5 cm/8"



KOCHER
23 cm/9"

41 x 18 mm	GR315.18
81 x 20 mm	GR315.20
81 x 25 mm	GR315.25
75 x 30 mm	GR315.30
75 x 40 mm	GR315.40



KOCHER-LANGENBECK
21 cm/8½"

26 x 6 mm	GR317.01
35 x 8 mm	GR317.02
35 x 11 mm	GR317.03
35 x 15 mm	GR317.04
40 x 11 mm	GR317.05
55 x 11 mm	GR317.06
70 x 15 mm	GR317.07
80 x 13 mm	GR317.08
80 x 16 mm	GR317.09



KOCHER-LANGENBECK
21 cm/8½"

25 x 10 mm	GR319.01
40 x 13 mm	GR319.02
60 x 13 mm	GR319.03
40 x 18 mm	GR319.04
60 x 18 mm	GR319.05
85 x 18 mm	GR319.06
60 x 25 mm	GR319.07
85 x 25 mm	GR319.08



ZENKER

18 cm/7"	10 x 3 mm	GR321.00
25 cm/9¾"	35 x 9 mm	GR321.01
26 cm/10¼"	60 x 12 mm	GR321.02
27 cm/10½"	75 x 12 mm	GR321.03
28 cm/11"	85 x 20 mm	GR321.04
30.5 cm/12"	100 x 25 mm	GR321.05

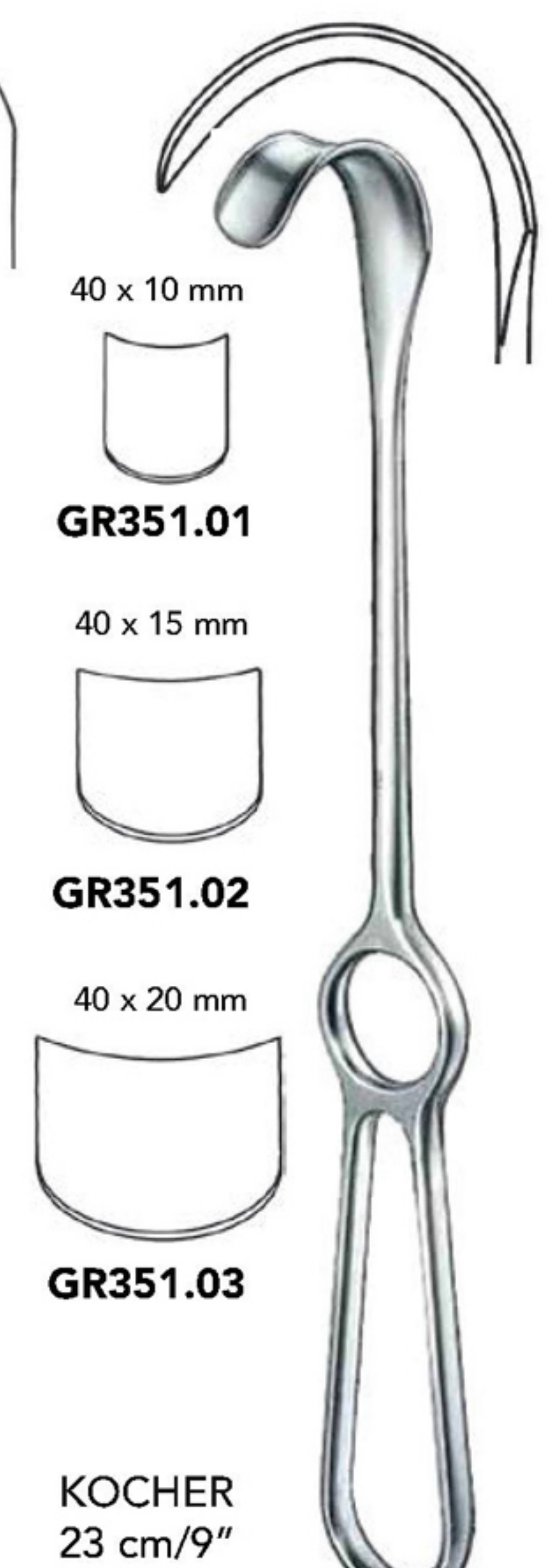


GR325.01
20 x 12 mm

GR325.02
23 x 14 mm



KOCHER
21 cm/8½"

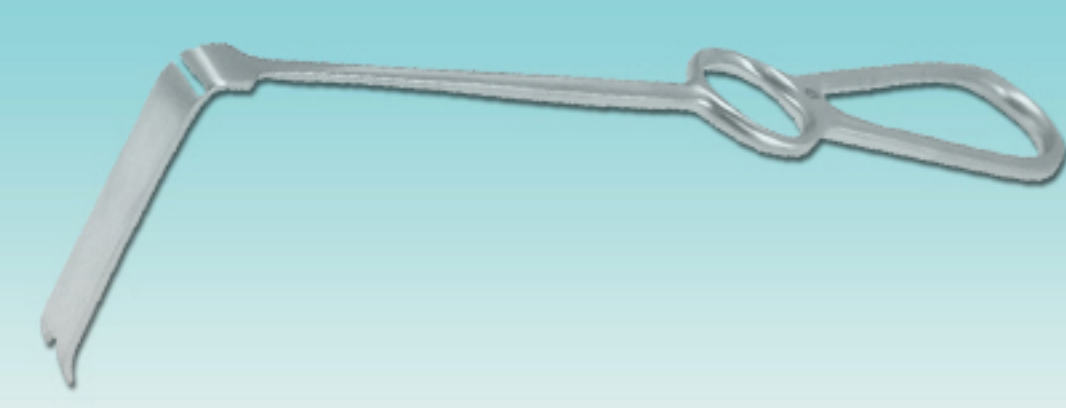


40 x 10 mm
GR351.01

40 x 15 mm
GR351.02

40 x 20 mm
GR351.03

KOCHER
23 cm/9"



Retractors



MIDDELDORPF
 22 cm/8³/₄" 15 x 17 mm **GR361.01**
 23 cm/9" 22 x 22 mm **GR361.02**
 24 cm/9¹/₂" 26 x 31 mm **GR361.03**



RICHARDSON
 24 cm/9¹/₂"
 25 x 21 mm **GR391.01**
 30 x 29 mm **GR391.02**
 38 x 40 mm **GR391.03**

GR381.01

Fig. 1

25 x 20 mm
30 x 28 mm

GR381.02

Fig. 2

43 x 38 mm
63 x 44 mm



RICHARDSON-EASTMAN
GR381.00
 27.5 cm/10³/₄"



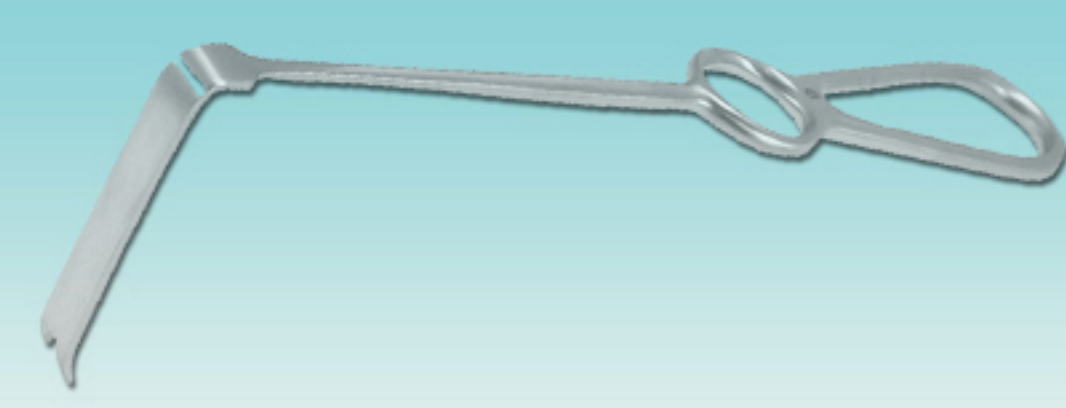
RICHARDSON
GR395.24
 24 cm/9¹/₂"



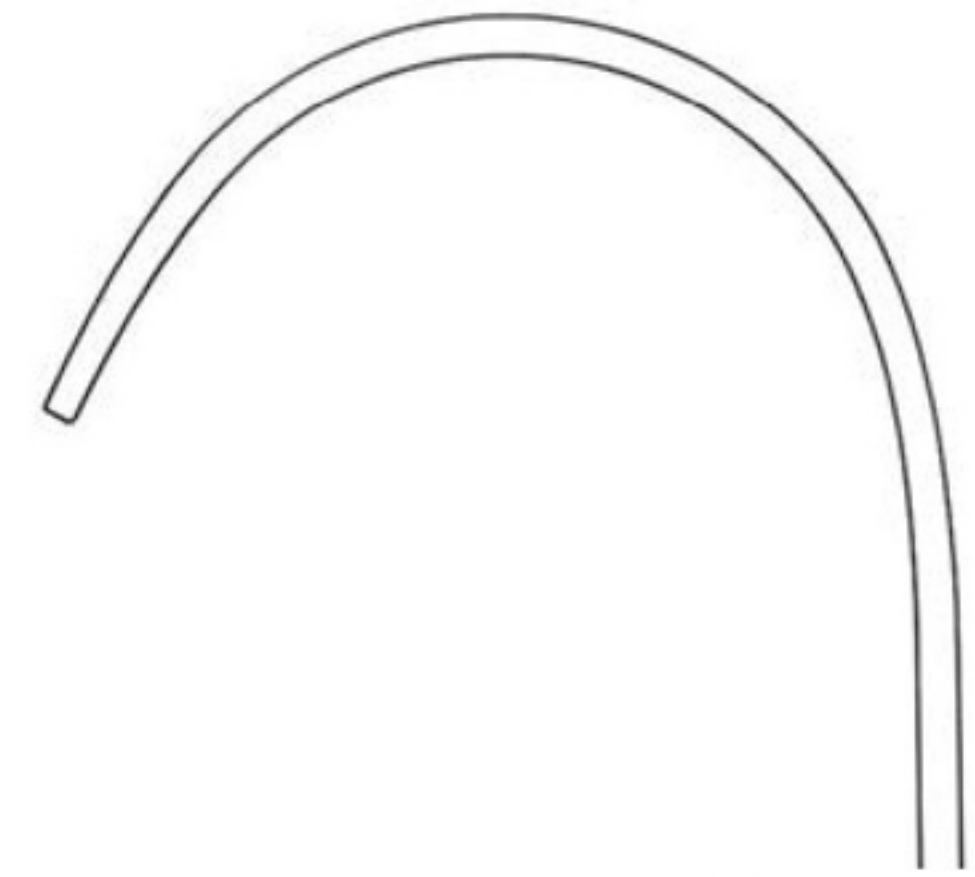
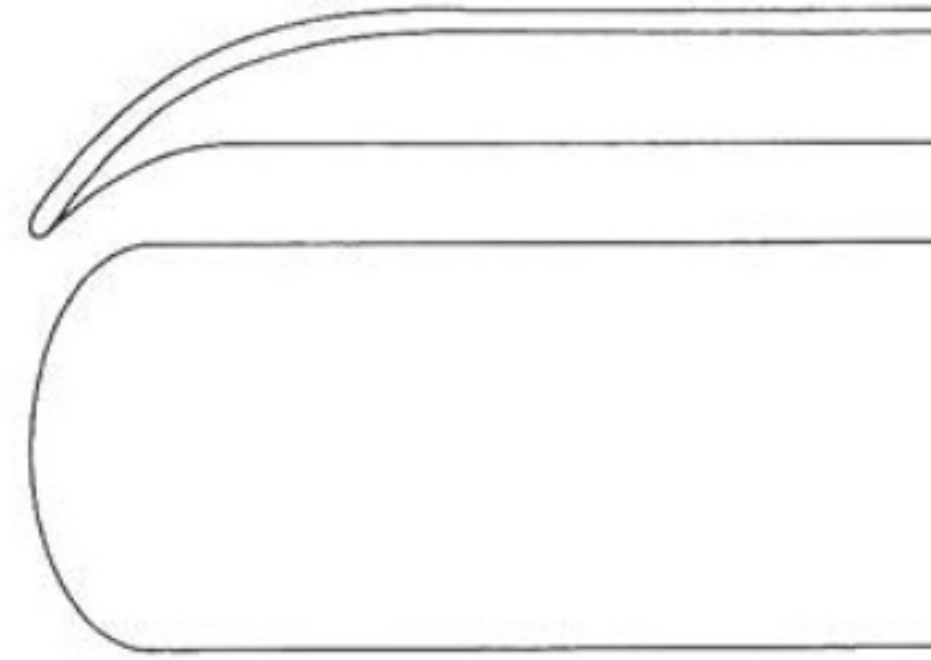
KELLY
GR397.26
 26 cm/10¹/₄"



KOCHER
 25.0 cm/10"
 78 x 45 mm **GR471.01**
 78 x 55 mm **GR471.02**
 78 x 65 mm **GR471.03**



Retractors



DOYEN-STILLE

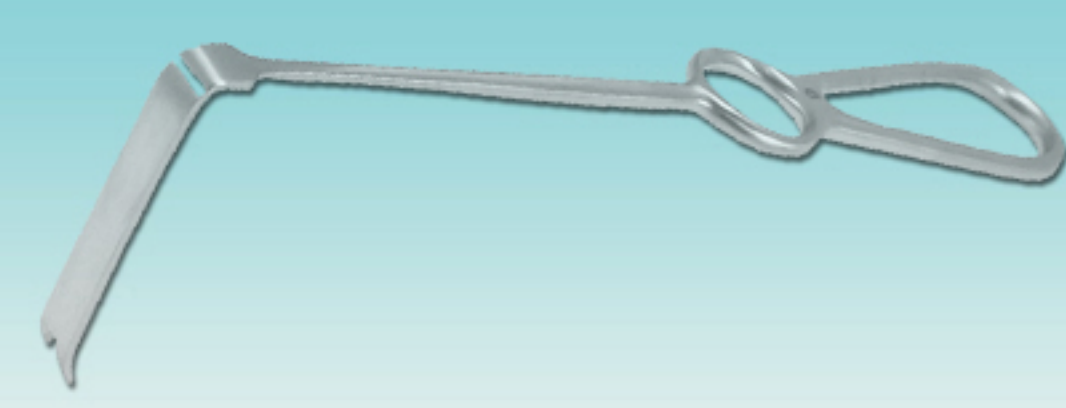
25 cm/9¾"	87 x 28 mm	GR401.01
26 cm/10¼"	97 x 31 mm	GR401.02
26 cm/10¼"	117 x 52 mm	GR401.03

HOESEL

26 cm/10¼"		
63 x 21 mm		GR405.01
83 x 30 mm		GR405.02
100 x 30 mm		GR405.03
120 x 30 mm		GR405.04
140 x 30 mm		GR405.05
140 x 40 mm		GR405.06

MIDDELDORPF

28 cm/11"		
43 x 45 mm		GR441.01
52 x 50 mm		GR441.02
52 x 70 mm		GR441.03



Retractors

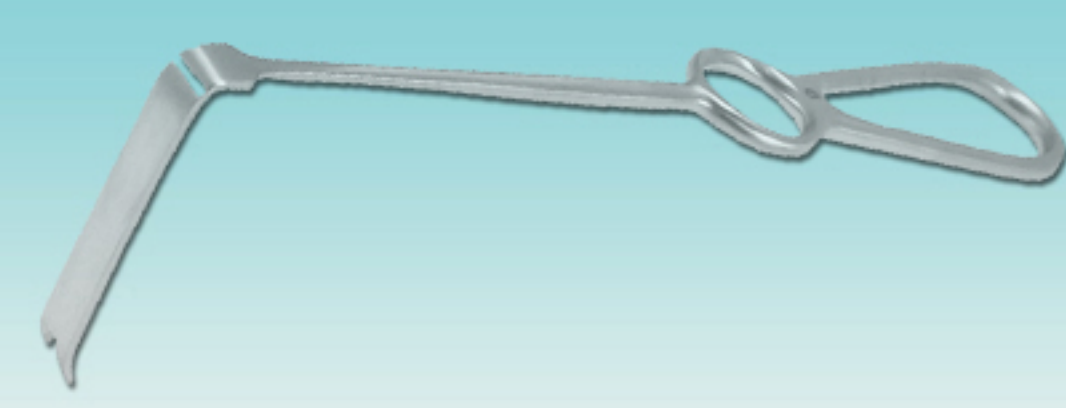


FRITSCH		
23.5 cm/9 1/4"	35 x 30 mm	GR452.00
24.0 cm/9 1/2"	33 x 40 mm	GR452.01
25.0 cm/9 3/4"	40 x 50 mm	GR452.02
25.0 cm/9 3/4"	45 x 63 mm	GR452.03
25.5 cm/10"	45 x 75 mm	GR452.04
25.5 cm/10"	53 x 85 mm	GR452.05

DOYEN
GR461.25
24 cm/9 1/2"

KOCHER
GR469.22
23.5 cm/9 1/4"

MARTIN
GR501.25
26.5 cm/10 1/2"



Retractors



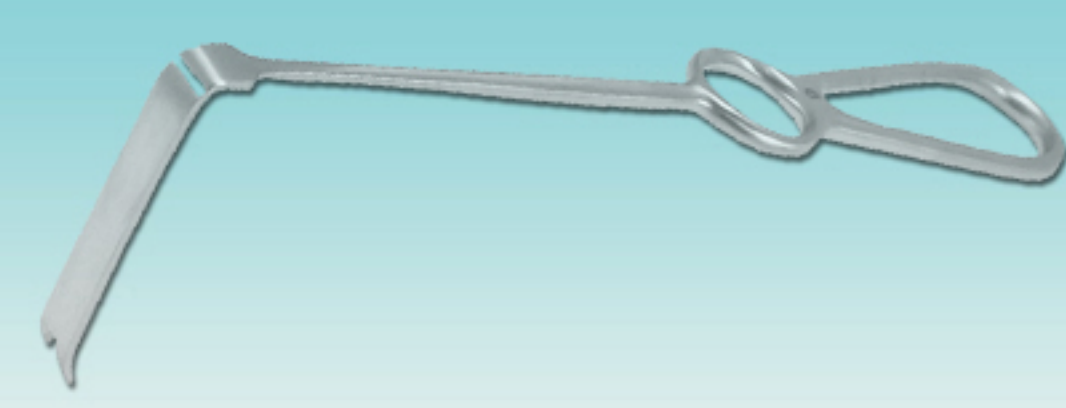
SIMON
28 cm/11"
115 x 22 mm **GR505.28**
115 x 28 mm **GR507.28**



CORYLLOS
24 cm/9½"
80 x 22 mm **GR537.01**
108 x 43 mm **GR537.02**
119 x 65 mm **GR537.03**



SAUERBRUCH
GR551.25
25.5 cm/10"



Retractors



BRUNNER
25.5 cm/10"

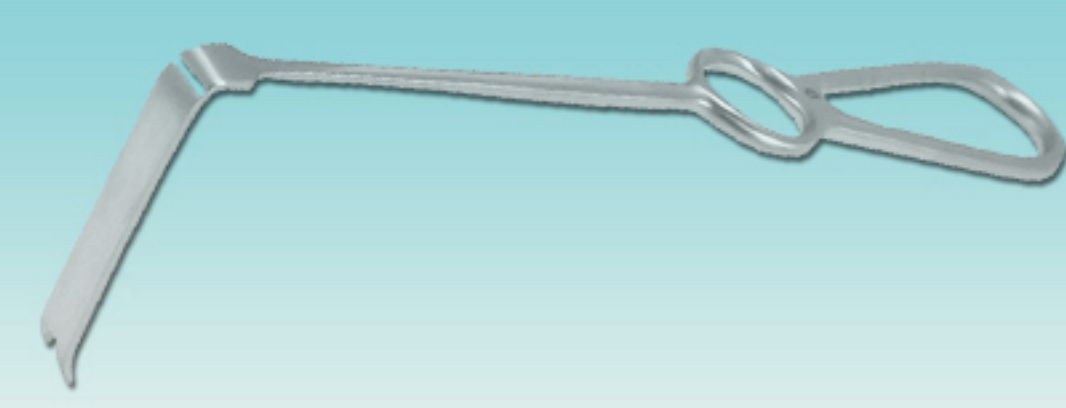
- 80 x 20 mm **GR558.08**
- 100 x 25 mm **GR558.10**
- 120 x 25 mm **GR558.12**
- 130 x 30 mm **GR558.13**
- 140 x 30 mm **GR558.14**
- 160 x 30 mm **GR558.16**
- 180 x 30 mm **GR558.18**

BRUNNER
25.5 cm/10"

- 80 x 20 mm **GR559.08**
- 100 x 20 mm **GR559.10**
- 120 x 25 mm **GR559.12**
- 140 x 25 mm **GR559.14**
- 160 x 30 mm **GR559.16**
- 180 x 30 mm **GR559.18**

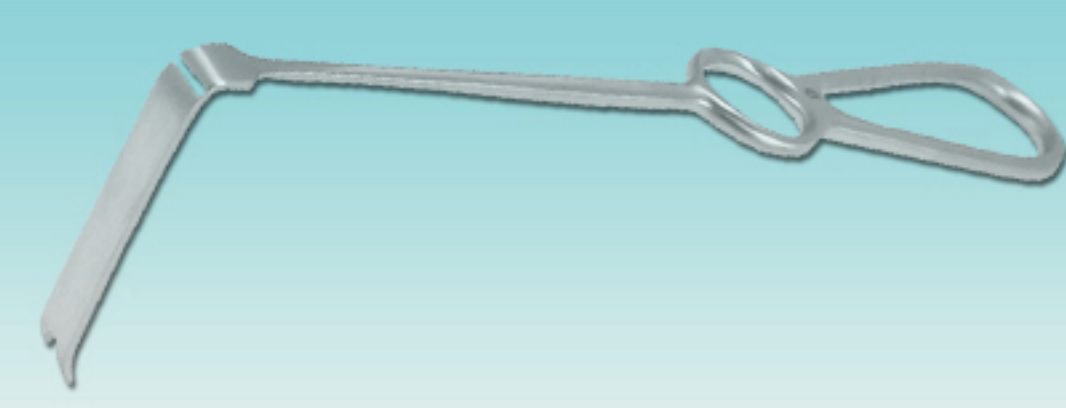
SAUERBRUCH
22.5 cm/8¾"

- 45 x 15 mm **GR561.01**
- 60 x 23 mm **GR561.02**
- 72 x 20 mm **GR561.03**



Retractors





Retractors

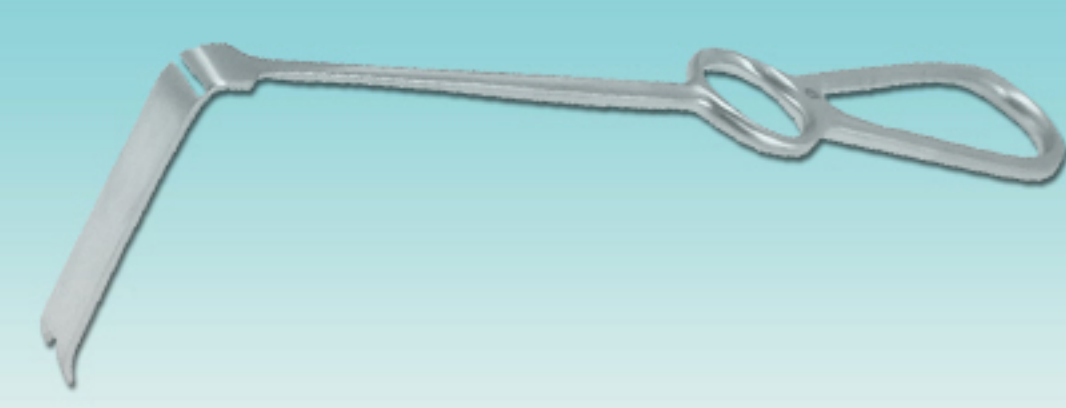


POLLOSON
GR577.27
29 cm/11½"



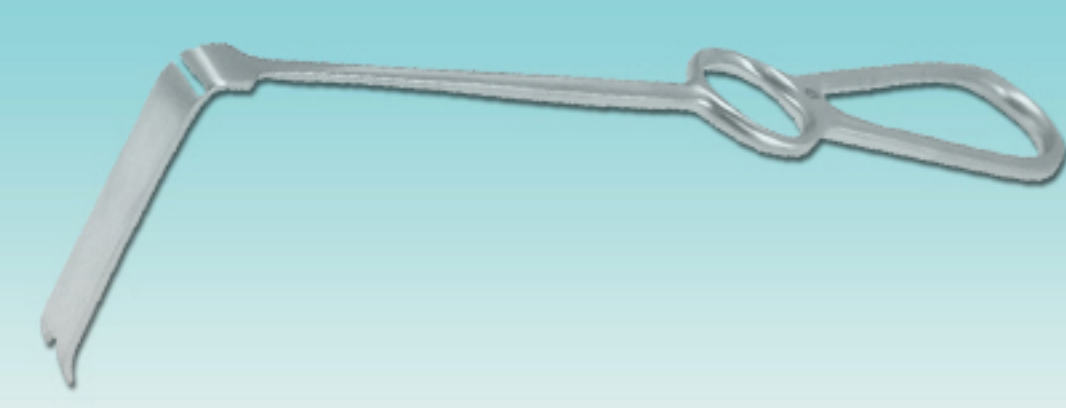
POLLOSON
GR579.27
26 cm/10¼"

HARRINGTON
32.5 cm/13" 137 x 44 mm **GR581.01**
33 cm/13¼" 137 x 65 mm **GR581.02**



Retractors





Retractors



38 mm

DEAVER
GR591.07
32 cm/12³/₄"



50 mm

DEAVER
GR591.08
31.5 cm/12³/₄"

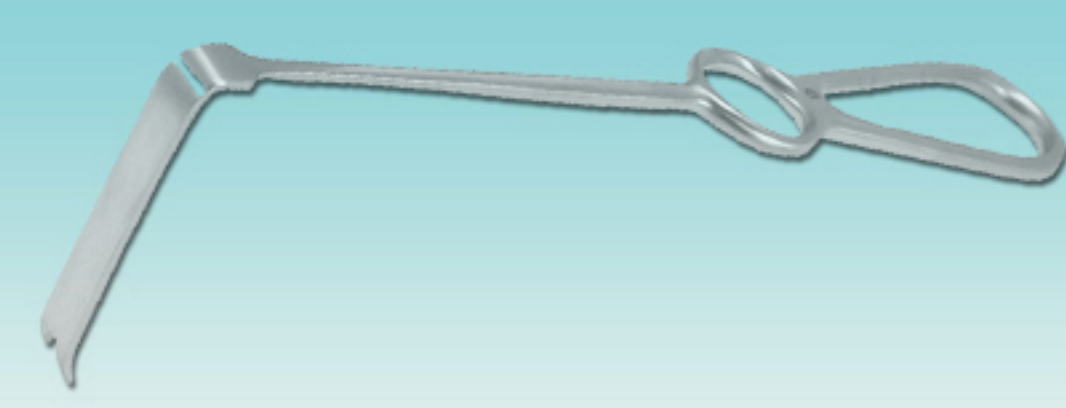


75 mm


DEAVER
GR591.09
31.5 cm/12³/₄"



DEAVER		
31.5 cm/12 ³ / ₄ "	25 mm	GR592.04
31.5 cm/12 ³ / ₄ "	38 mm	GR592.07
31.5 cm/12 ³ / ₄ "	50 mm	GR592.08
32.5 cm/13"	100 mm	GR592.10

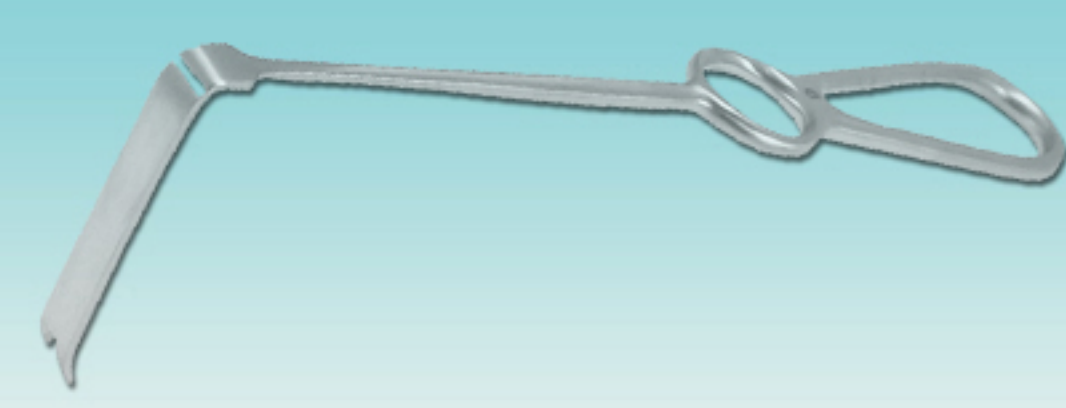


Retractors (Pelvis Retractors)



ST.MARKS

Model	Dimensions	Length	Features
GR615.01	35 x 45 mm	26 cm / 10 1/4"	Retractor only
FR615.01	35 x 45 mm	26 cm / 10 1/4"	With fiber optic light guide
GR615.02	60 x 45 mm	23.5 cm / 9 1/4"	Retractor only
FR615.02	60 x 45 mm	23.5 cm / 9 1/4"	With fiber optic light guide
GR615.03	60 x 45 mm	28 cm / 11"	Retractor only
FR615.03	60 x 45 mm	28 cm / 11"	With fiber optic light guide



Retractors



MIKULICZ
25 cm/9³/₄"

90 x 35 mm **GR603.01**
125 x 50 mm **GR603.02**
160 x 50 mm **GR603.03**

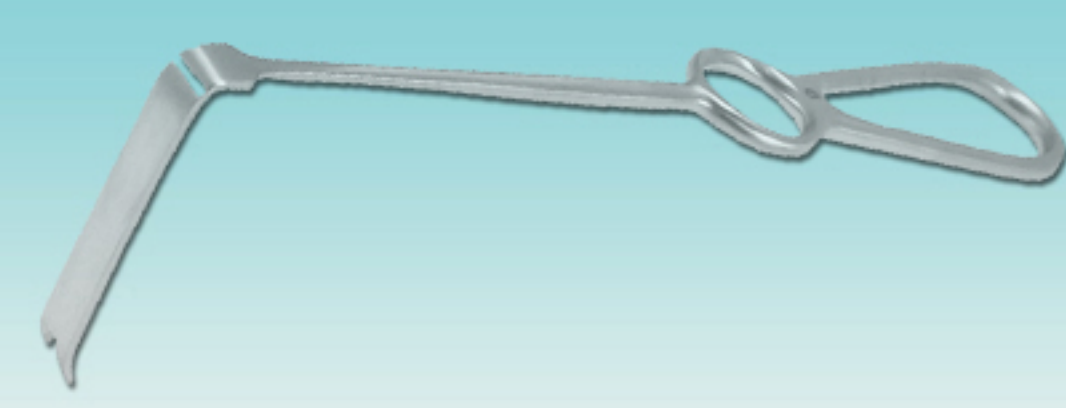
85 x 55 mm



MIKULICZ
GR607.26
26 cm/10¹/₄"



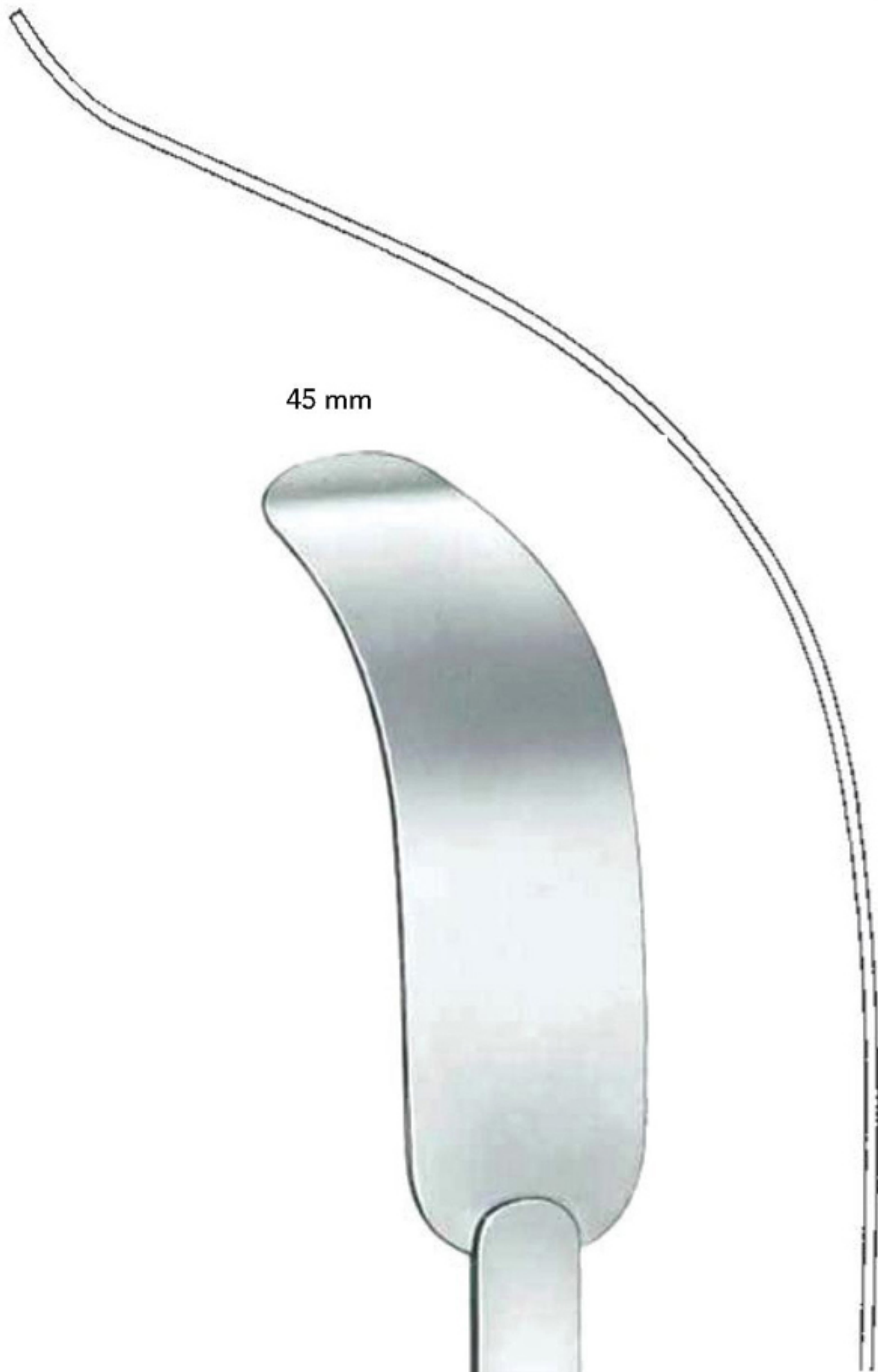
KELLY
28 cm/11"
205 x 38 mm **GR611.01**
210 x 57 mm **GR611.02**



Retractors (Abdominal Spatulas)



CLOWARD
GR1000.23 18 mm
GR1000.24 20 mm
GR1000.25 23 mm
 18 cm



45 mm

KUEMME
GR621.28
 31 cm/12¼"



KADER
 28 cm/11"

20 mm



GR623.20

30 mm

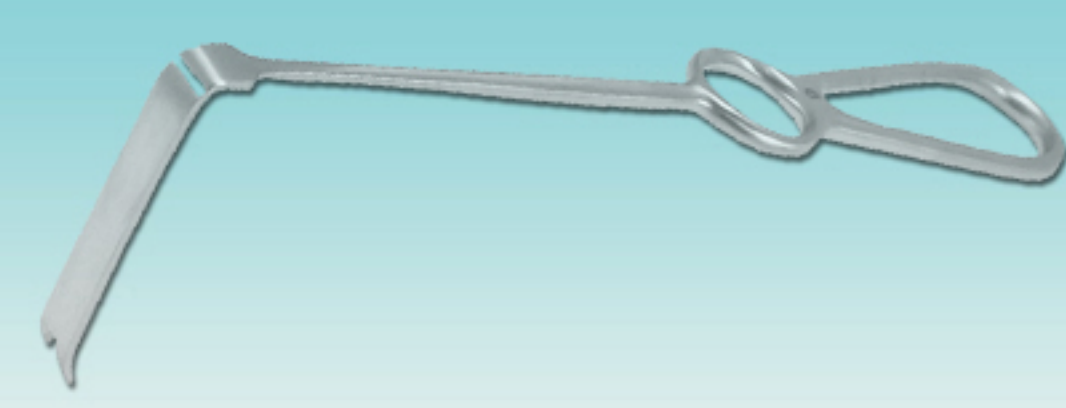


GR623.30

40 mm



GR623.40



Retractors

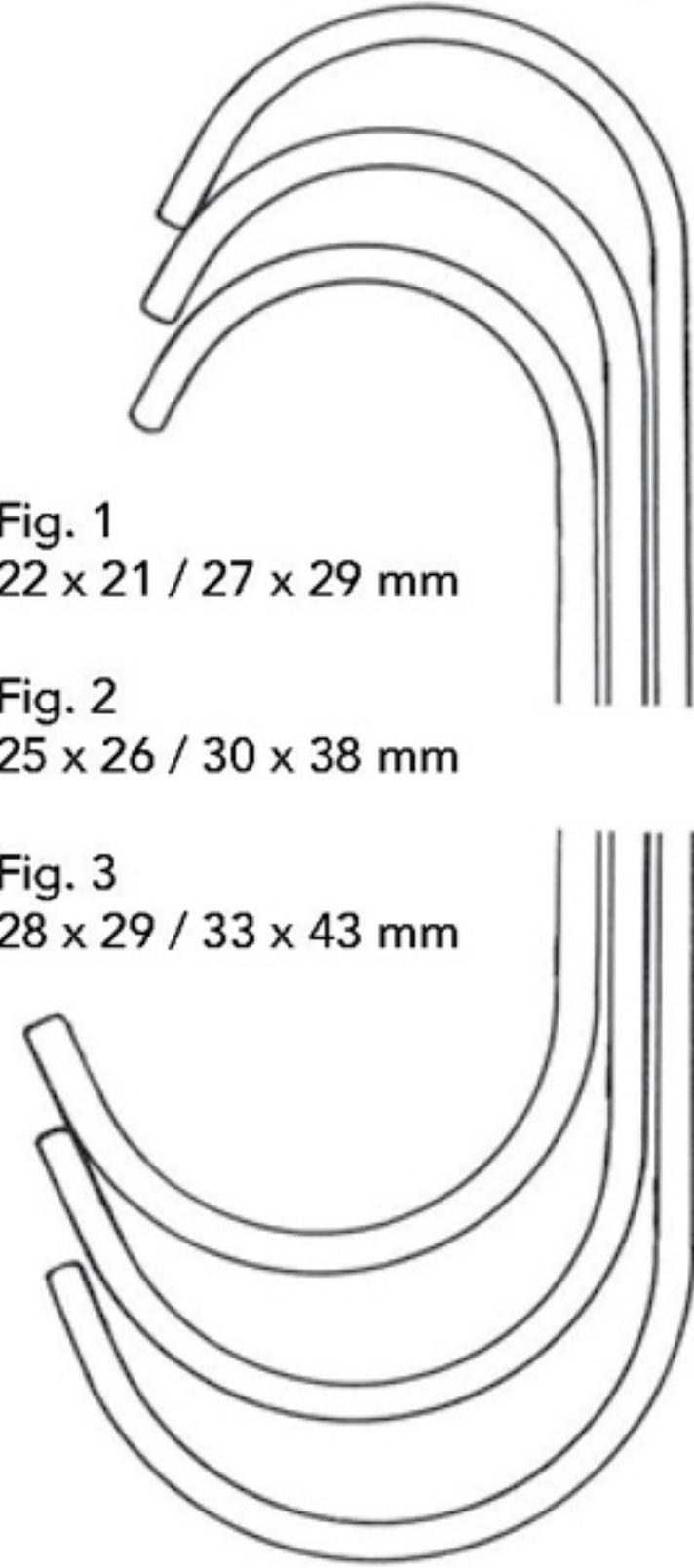


Fig. 1
22 x 21 / 27 x 29 mm

Fig. 2
25 x 26 / 30 x 38 mm

Fig. 3
28 x 29 / 33 x 43 mm

ROUX
14.5 cm/5¾" **GR655.01**
16.0 cm/6¼" **GR655.02**
17.0 cm/6¾" **GR655.03**



ROUX
GR655.00
17 cm/6¾"
Set of 2



COLLIN-HARTMANN
GR652.01
15 cm/6"



FARABEUF
Fig. 1 **GR663.01**
Fig. 2 **GR663.02**

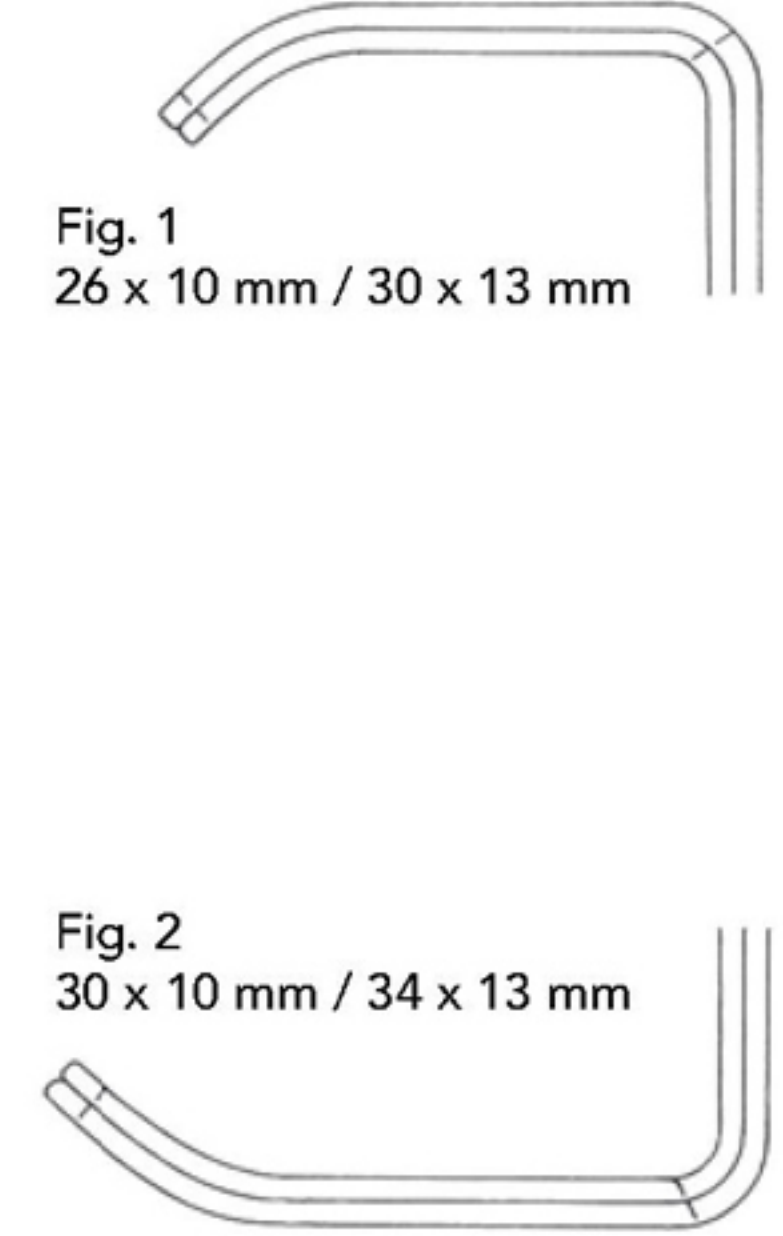
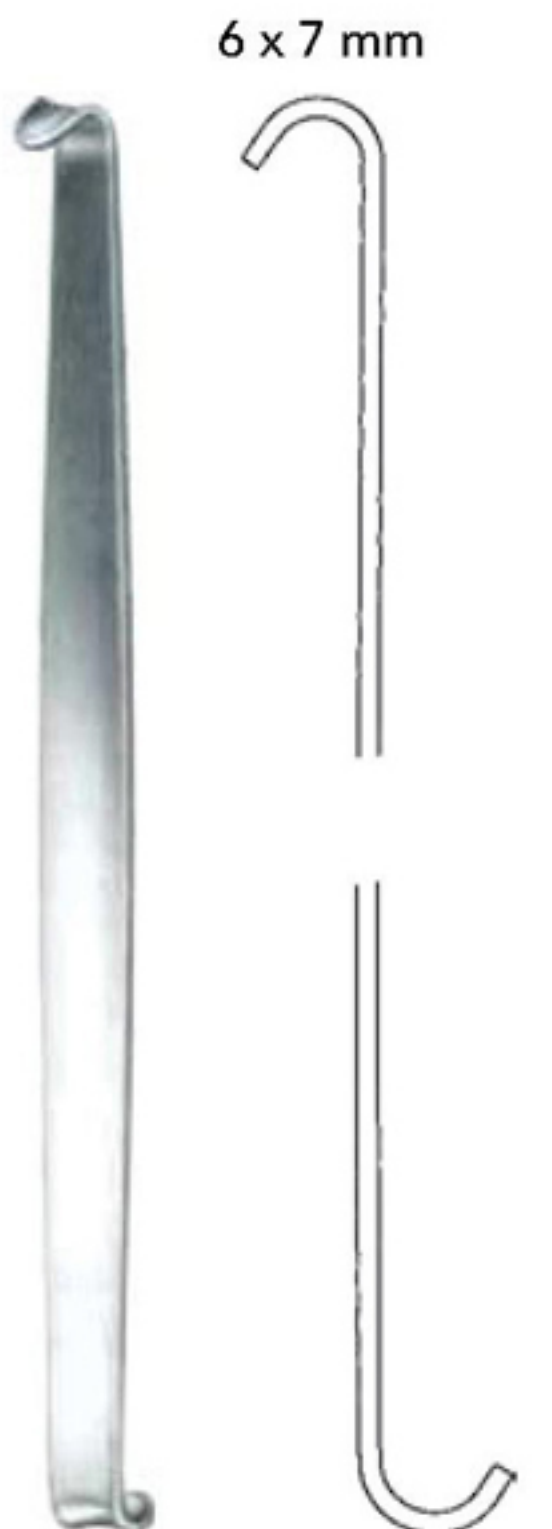


Fig. 1
26 x 10 mm / 30 x 13 mm

Fig. 2
30 x 10 mm / 34 x 13 mm

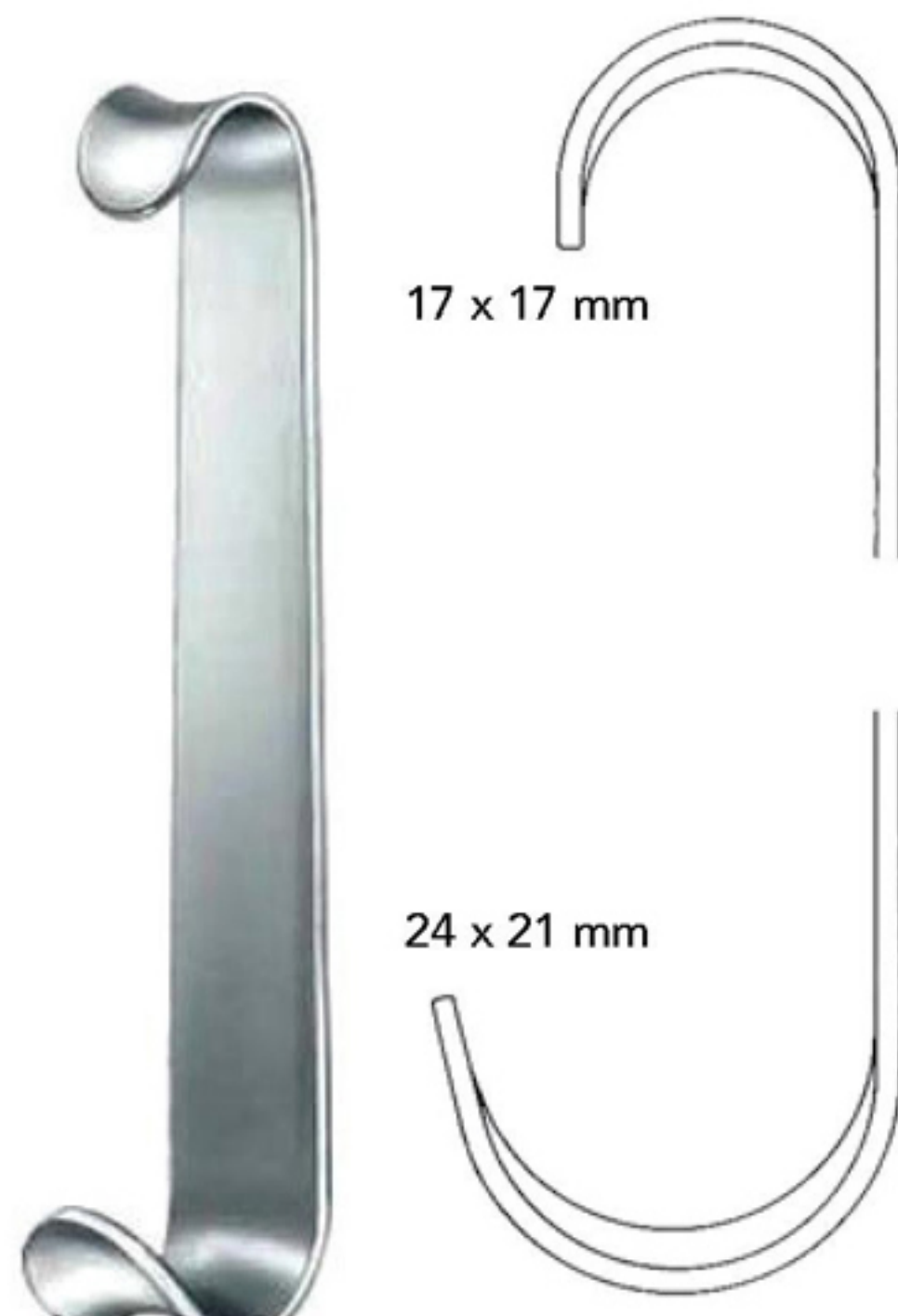
FARABEUF
GR663.00
12 cm/4¾"
Set of 2



6 x 7 mm

7 x 8 mm

ROUX-MINI
GR667.06
14.5 cm/5¾"



17 x 17 mm

24 x 21 mm

ROUX-BABY
GR669.13
12.5 cm/5"

Fig. 1
19 x 15 mm
19 x 15 mm

Fig. 2
22 x 15 mm
22 x 15 mm



PARKER
Fig. 1 **GR673.01**
Fig. 2 **GR673.02**

PARKER
GR673.00
14 cm/5½"
Set of 2



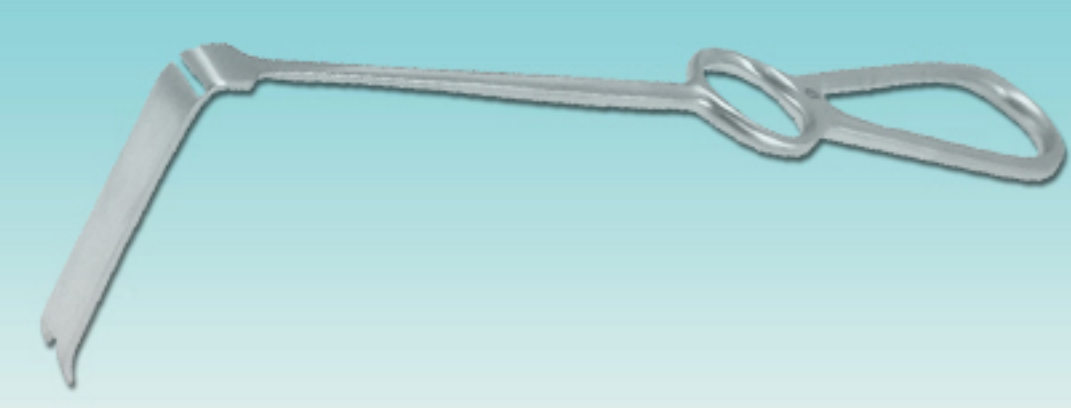
PARKER
Fig. 1 **GR674.01**
Fig. 2 **GR674.02**



Fig. 1
26 x 25 mm
27 x 15 mm

Fig. 2
29 x 25 mm
27 x 25 mm

PARKER
GR674.00
18.5 cm/7¼"
Set of 2



Retractors



MATHIEU
GR683.00
20 cm/8"

Set of 2

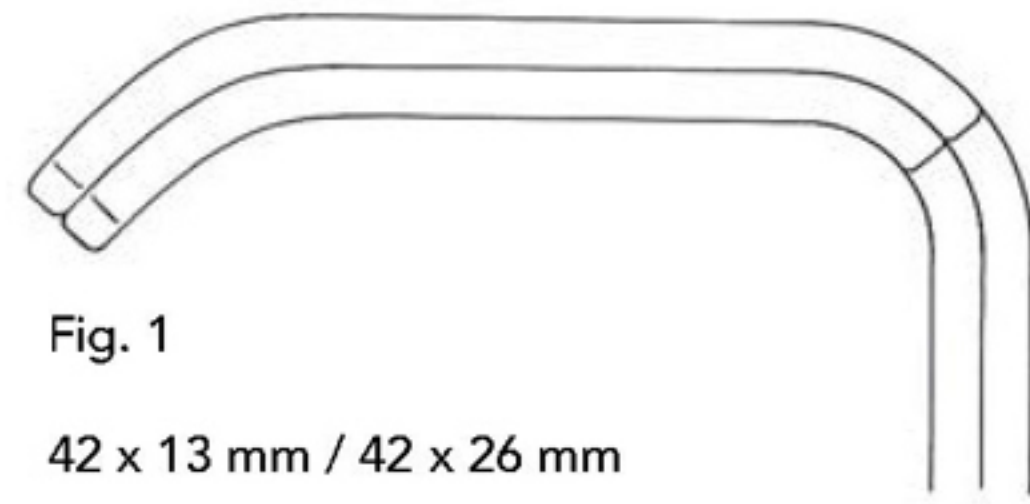


Fig. 1
42 x 13 mm / 42 x 26 mm

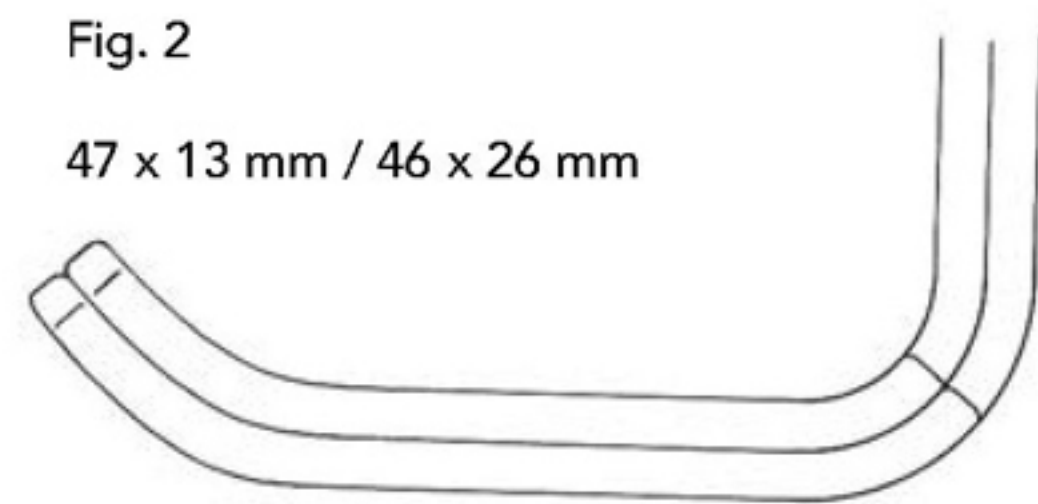


Fig. 2
47 x 13 mm / 46 x 26 mm

MATHIEU
Fig. 1 **GR683.01**
Fig. 2 **GR683.02**



PARKER-LANGENBECK
GR687.00
21.5 cm/8½"

Set of 2



Fig. 1
21 x 15 mm / 40 x 15 mm

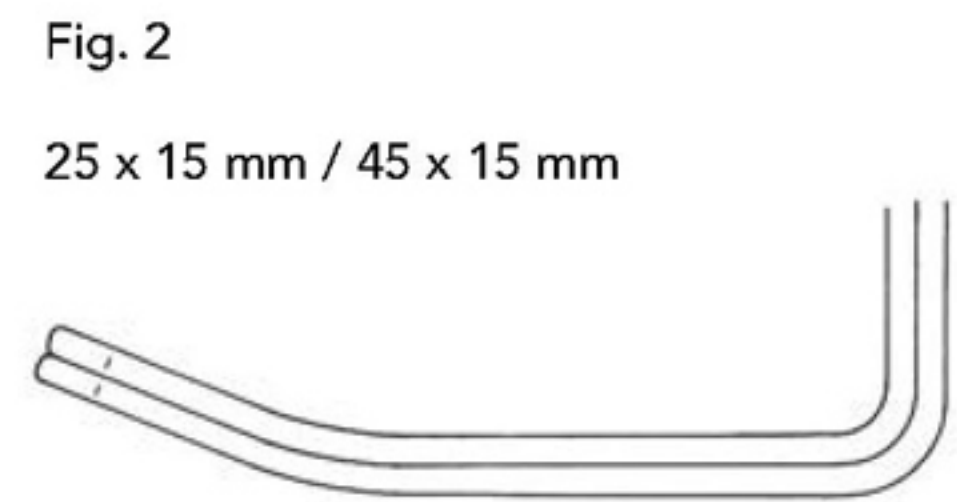


Fig. 2
25 x 15 mm / 45 x 15 mm

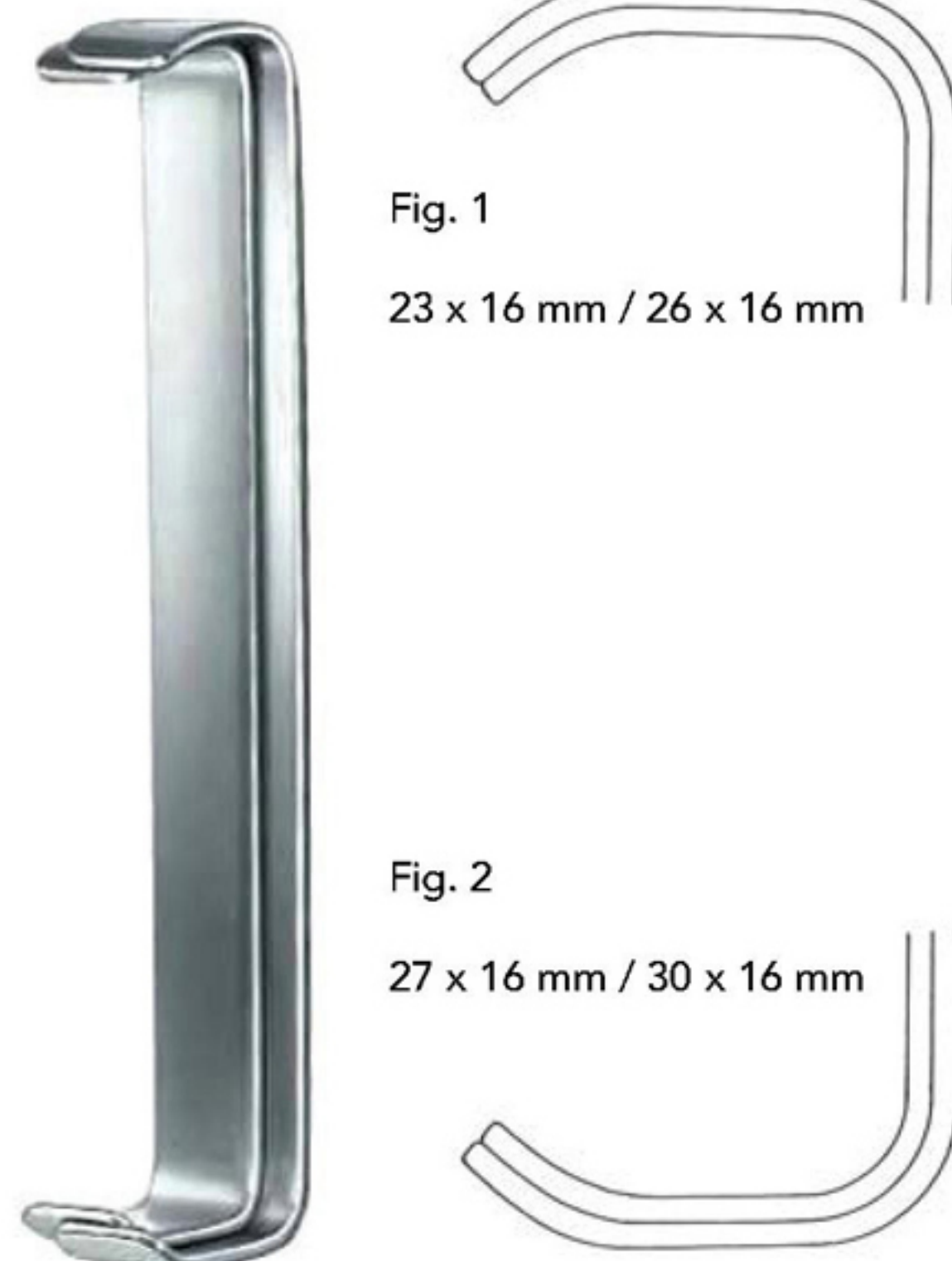
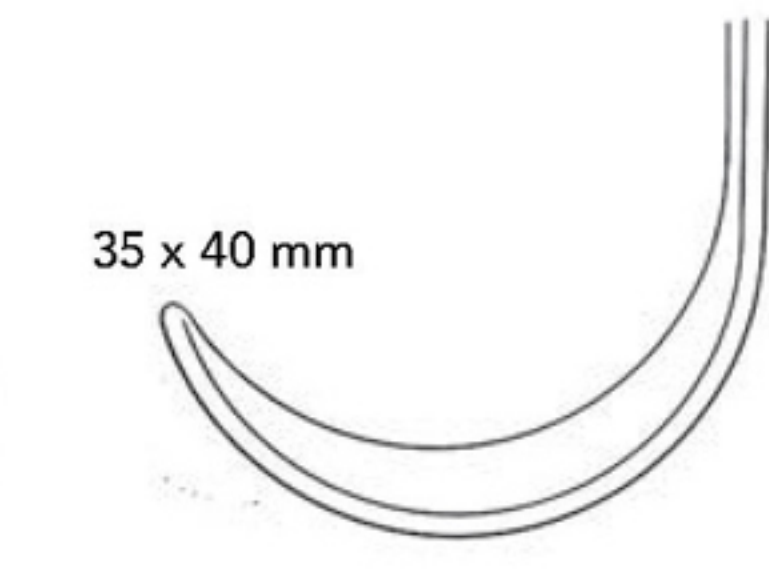
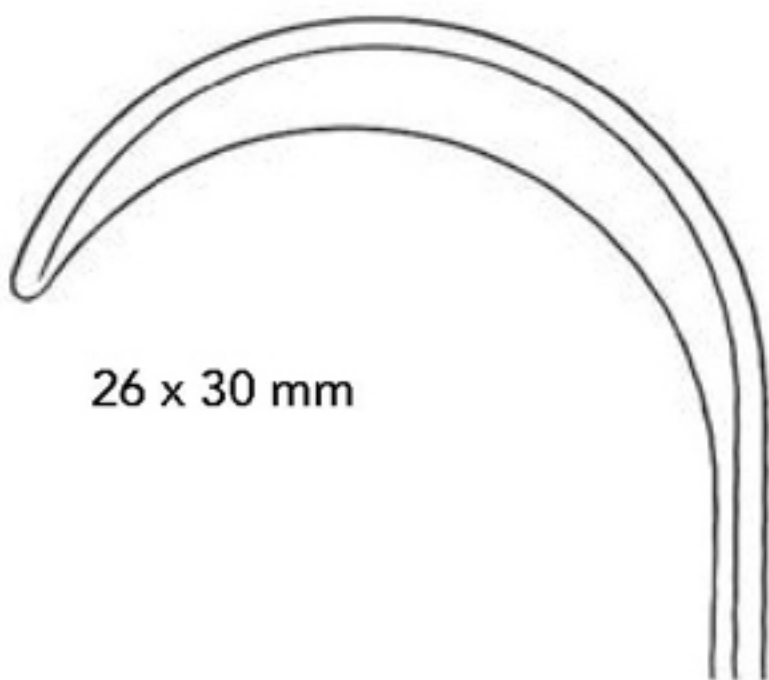
PARKER-LANGENBECK
Fig. 1 **GR687.01**
Fig. 2 **GR687.02**



GOELET
GR695.00
19 cm/7½"

26 x 30 mm

35 x 40 mm



FARABEU
GR665.00
15.5 cm/6"

Set of 2

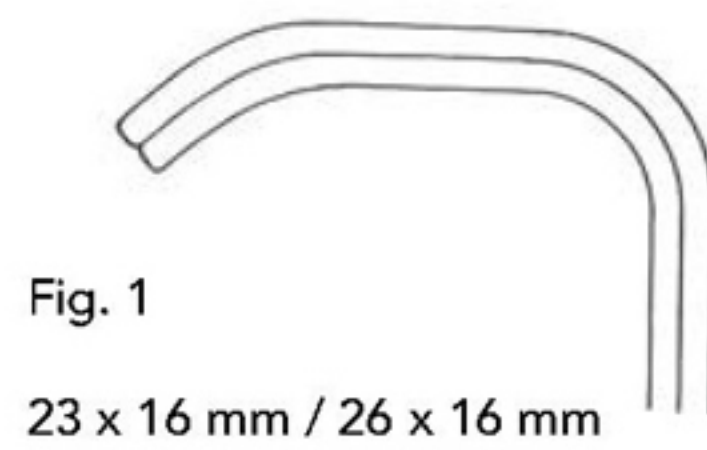


Fig. 1
23 x 16 mm / 26 x 16 mm

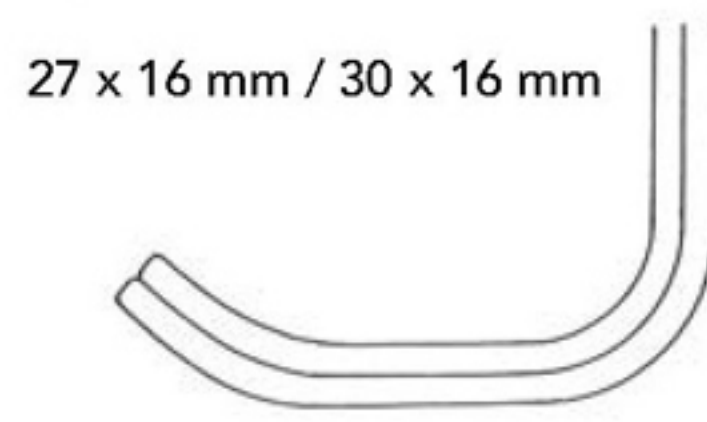
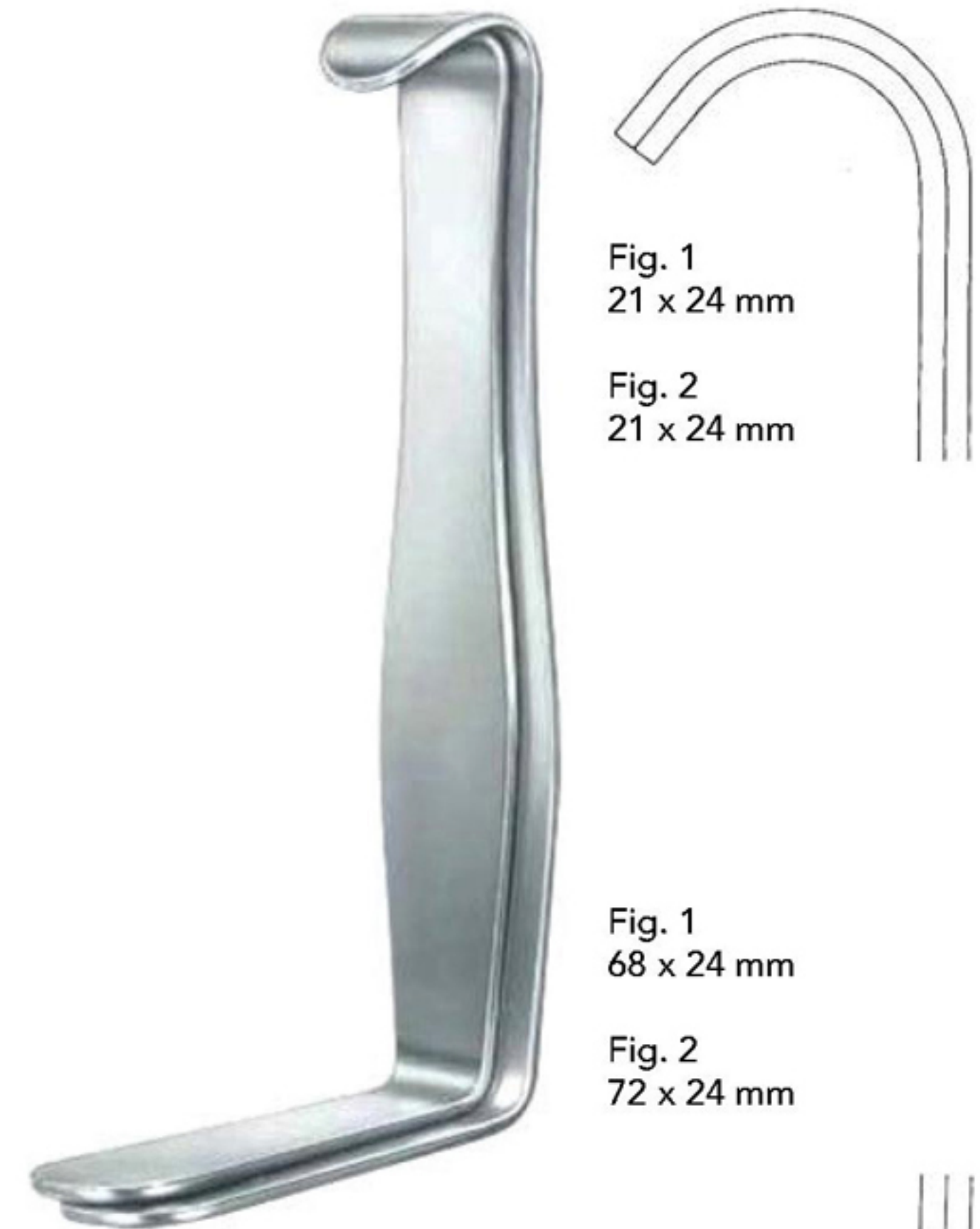


Fig. 2
27 x 16 mm / 30 x 16 mm

FARABEU
Fig. 1 **GR665.01**
Fig. 2 **GR665.02**



PARKER-MOTT
GR675.00
16 cm/6¼"

Set of 2

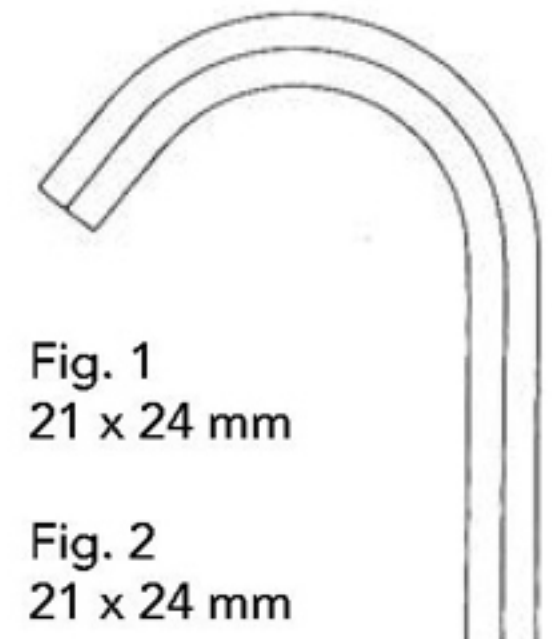


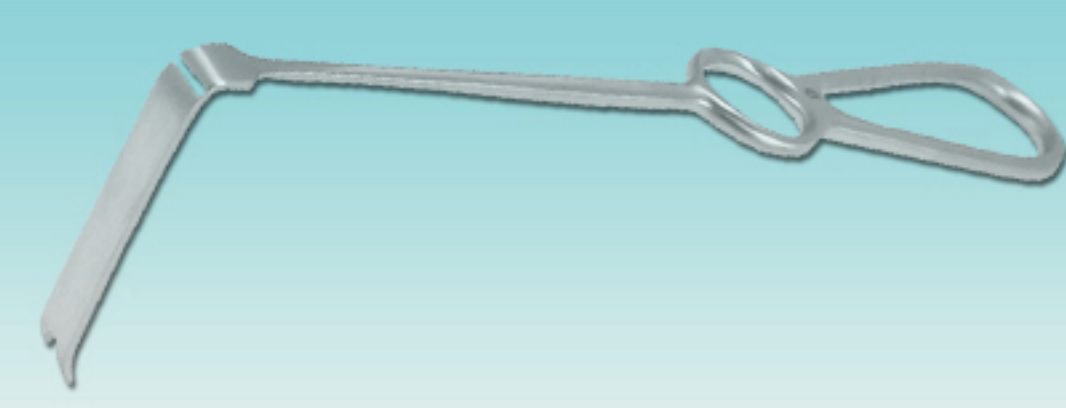
Fig. 1
21 x 24 mm

Fig. 2
21 x 24 mm

Fig. 1
68 x 24 mm

Fig. 2
72 x 24 mm

PARKER-MOTT
Fig. 1 **GR675.01**
Fig. 2 **GR675.02**



Retractors (Spatulas)

Malleable



33 cm/13"
 30 mm **GR963.01**
 40 mm **GR963.02**
 50 mm **GR963.03**

Tapered



HABERER

20 cm/8" 16 x 25 mm **GR971.00**
 28 cm/11" 25 x 30 mm **GR971.01**
 30 cm/12" 37 x 45 mm **GR971.02**



RIBBON
20 cm/8"

6.5 mm **GR975.06**
 9.5 mm **GR975.09**
 13 mm **GR975.13**
 16 mm **GR975.16**
 19 mm **GR975.19**
 25 mm **GR975.25**



25 mm
TUFFIER
GR1200.77
 Bükülebilir/Malleable
 20 cr



Ø 5 mm

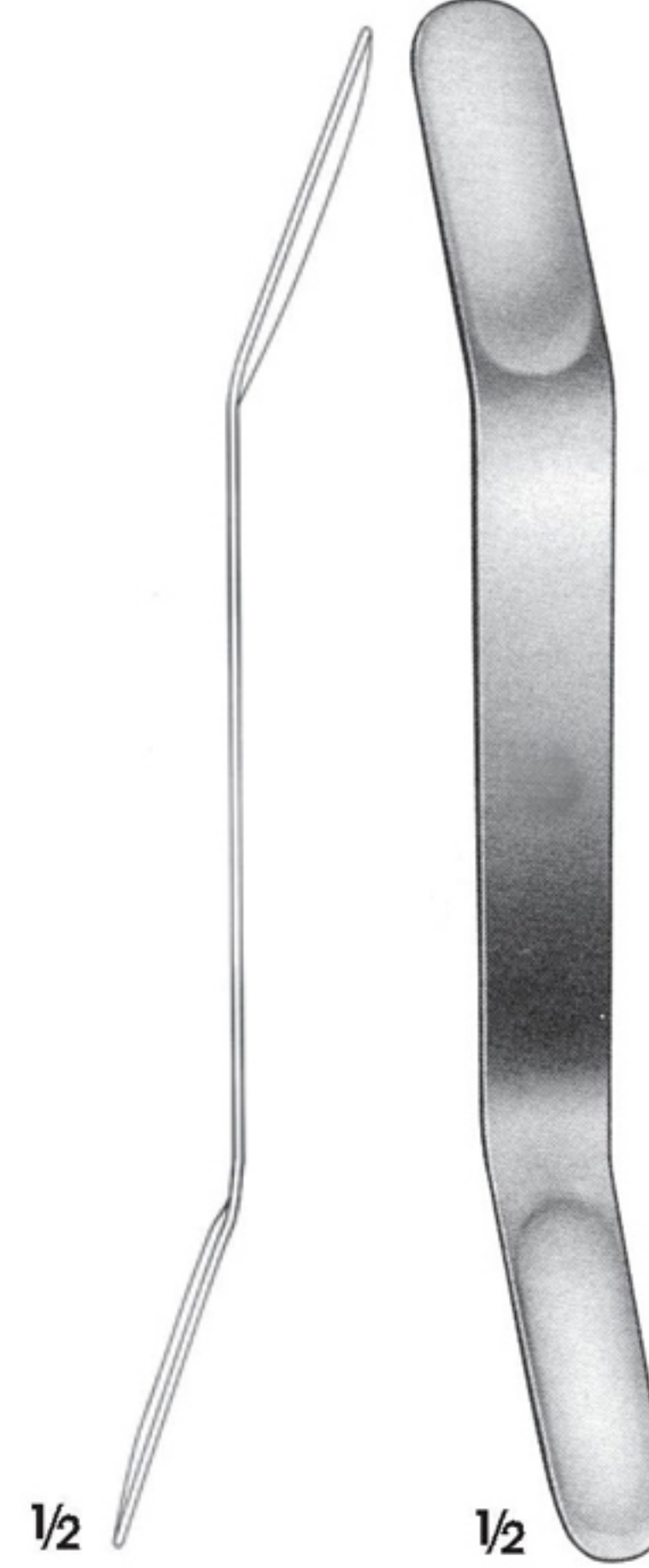
HEIFETZ
GR1000.48 8 mm
GR1000.49 11 mm
GR1000.50 14 mm
GR1000.51 17 mm
GR1000.52 20 mm
 Bükülebilir/Malleable
 20 cm



HEIFETZ
GR1000.58 8 mm
GR1000.59 11 mm
GR1000.60 14 mm
GR1000.61 17 mm
 Bükülebilir/Malleable
 15.5 cm

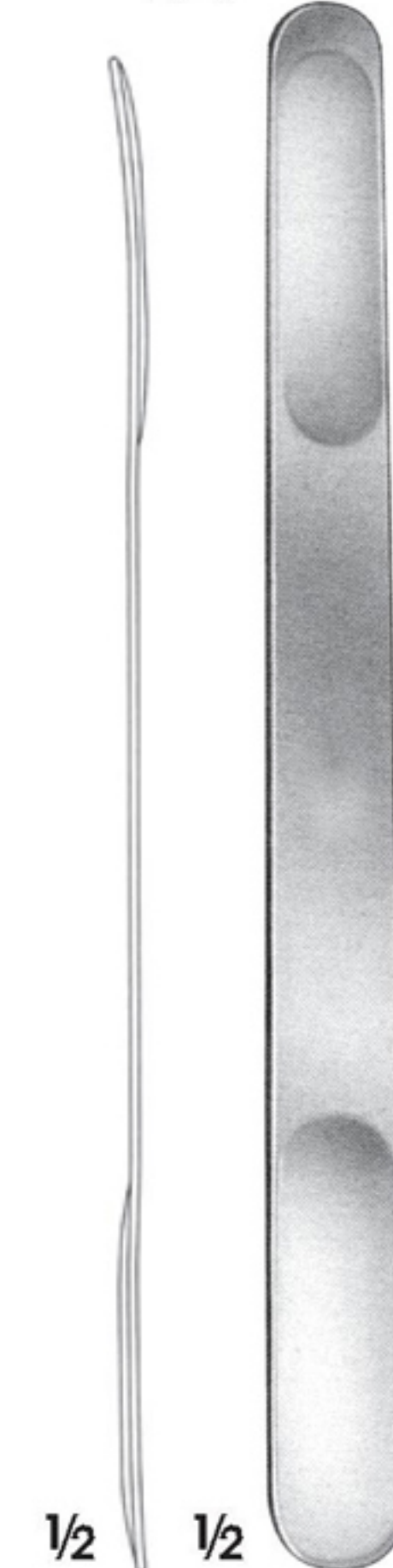


GR1000.53 7 mm
GR1000.54 9 mm
GR1000.55 12 mm
GR1000.56 15 mm
GR1000.57 17 mm
 Bükülebilir/Malleable
 18 cm

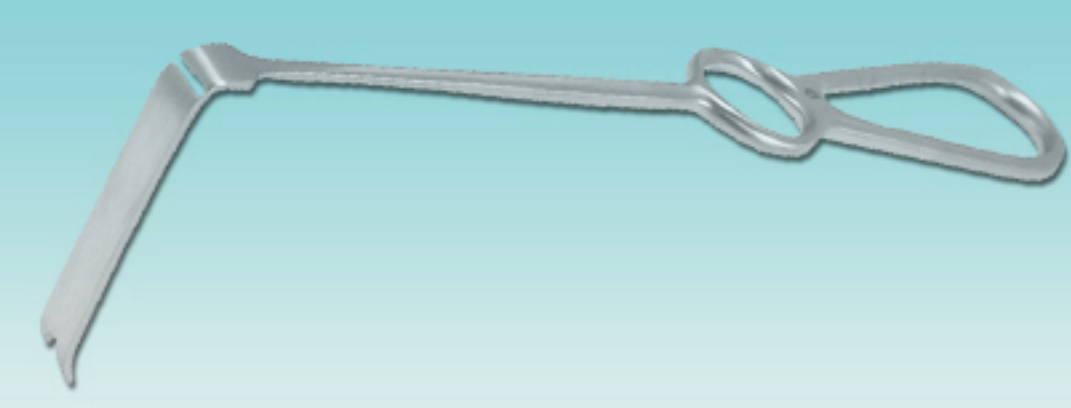


OLIVECRONA

GR1000.62 7 + 9 mm
GR1000.63 11 + 13 mm
GR1000.64 15 + 18 mm
GR1000.65 18 + 22 mm
 Esneyebilir/Flexible
 18 cm



GR1000.66 7 + 9 mm
GR1000.67 11 + 13 mm
GR1000.68 15 + 18 mm
GR1000.69 18 + 22 mm
 Bükülebilir/Malleable
 18 cm



Retractors (Spatulas)



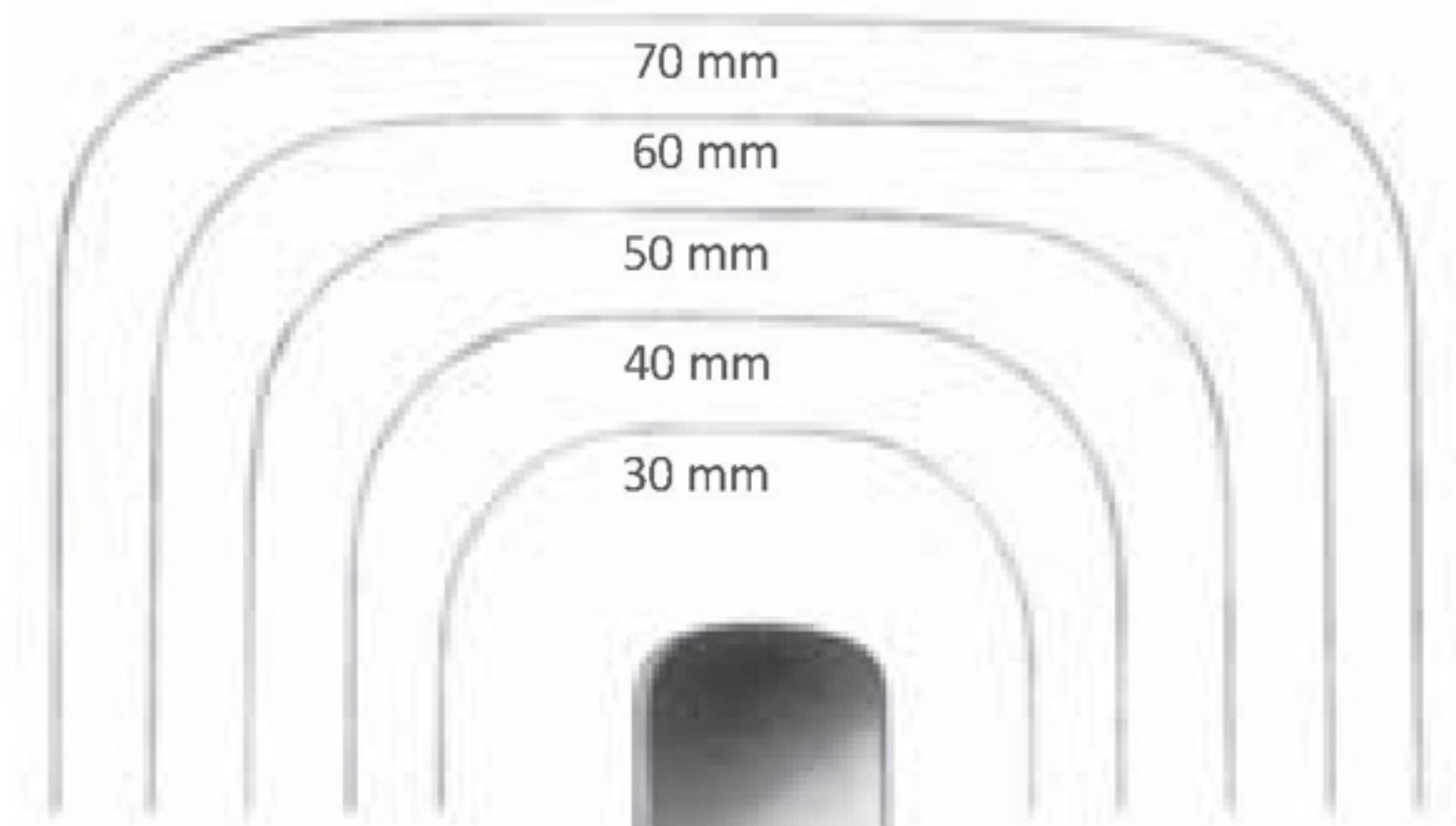
12-25 mm

GR1000.70 200 x 12 mm

GR1000.71 200 x 17 mm

GR1000.72 250 x 25 mm

Bükülebilir/Malleable



70 mm

60 mm

50 mm

40 mm

30 mm



GR1200.78 30 mm

GR1200.79 40 mm

GR1200.80 50 mm

GR1200.81 60 mm

GR1200.82 70 mm

Bükülebilir/Malleable

41 cm



63 mm

45 mm
REVERDIN
GR1000.21
28.5 cm

Malleable soft



60 mm

46 mm
REVERDIN
GR1200.76
29 cm