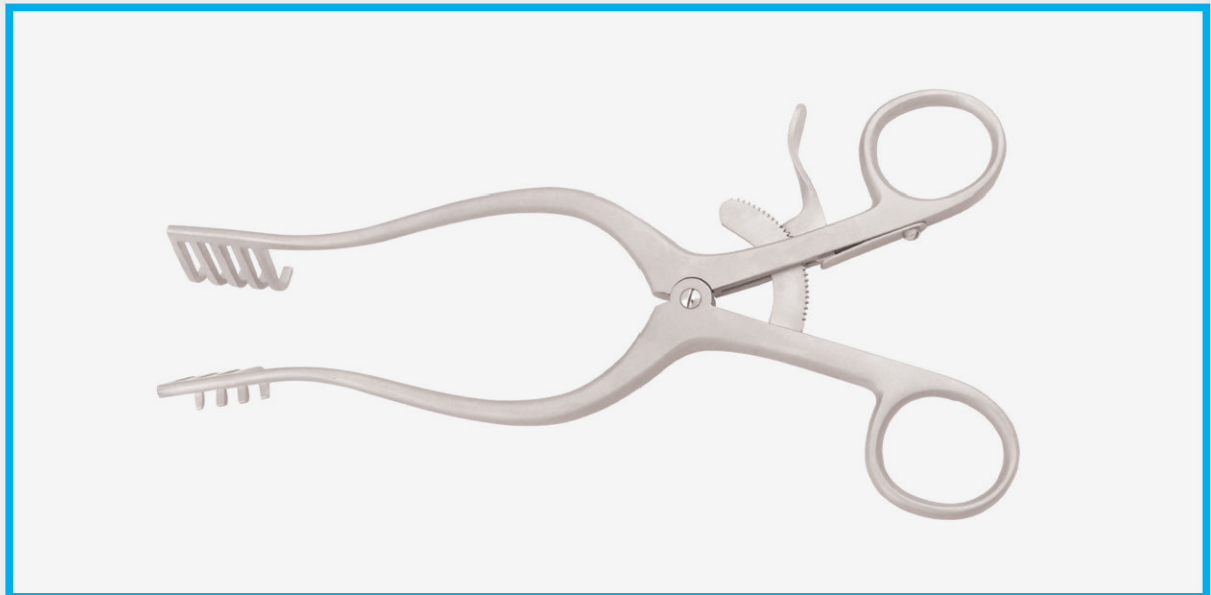
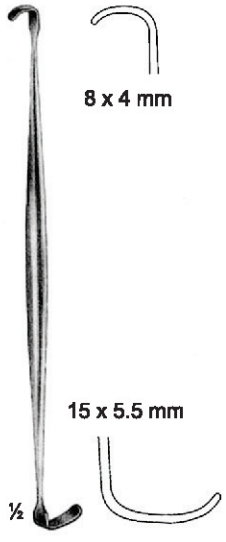


- EN** Retractors
- DE** Wundhaken und -sperrer
- ES** Separadores

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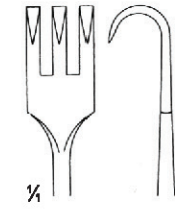




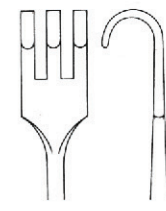
RAGNELL-DAVIS
OI 16-4201-14
14 cm/5 1/2"



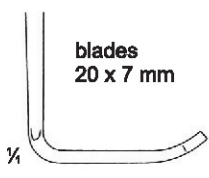
SENN-MILLER
16 cm/6 1/4"



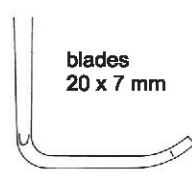
OI 16-4202-16
sharp prongs



OI 16-4203-16
blunt prongs



blades
20 x 7 mm



blades
20 x 7 mm



CUSHING
OI 16-4204-20
20 cm/7 7/8"



CUSHING



20 cm/7 7/8"
24 cm/9 1/2"

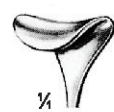
OI 16-4205-20
OI 16-4208-24
8 mm



OI 16-4206-20
OI 16-4209-24
10 mm



OI 16-4207-20
OI 16-4210-20
12 mm



20 cm/7 7/8"
24 cm/9 1/2"

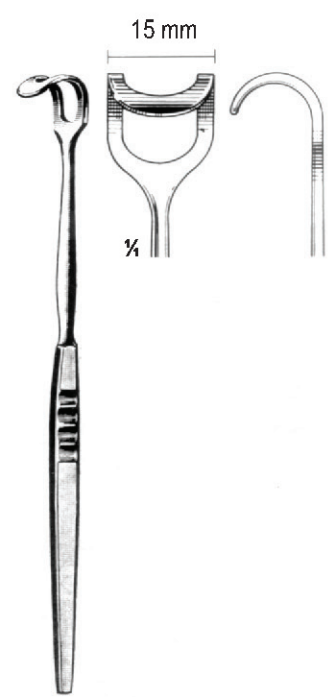
OI 16-4211-20
OI 16-4214-24
14 mm



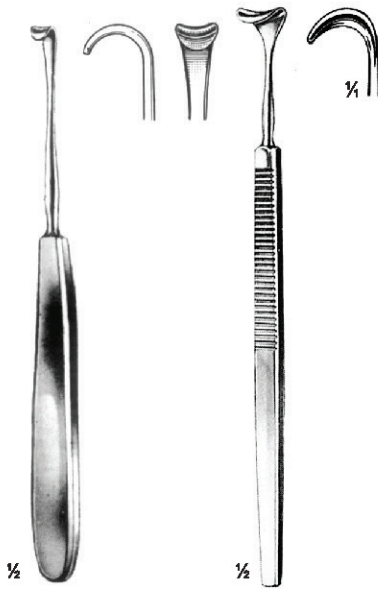
OI 16-4212-20
OI 16-4215-24
16 mm



OI 16-4213-20
OI 16-4216-24
18 mm

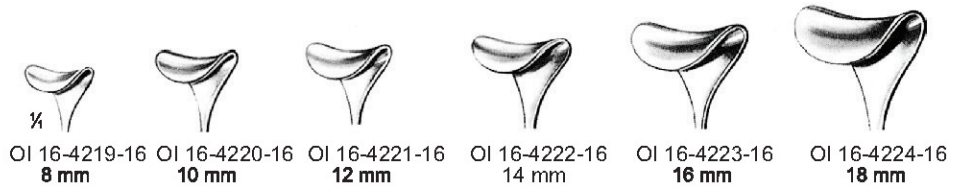


HANDTE
OI 16-4217-17
17 cm/6 3/4"



DESMARRES
 OI 16-4218-16
 16 cm/6 1/4"

DESMARRES
 16 cm/6 1/4"



OI 16-4219-16
 8 mm

OI 16-4220-16
 10 mm

OI 16-4221-16
 12 mm

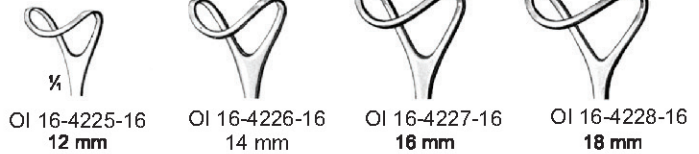
OI 16-4222-16
 14 mm

OI 16-4223-16
 16 mm

OI 16-4224-16
 18 mm



16 cm/6 1/4"



OI 16-4225-16
 12 mm

OI 16-4226-16
 14 mm

OI 16-4227-16
 16 mm

OI 16-4228-16
 18 mm



MINI-LANGENBECK
 16 cm/6 1/4"



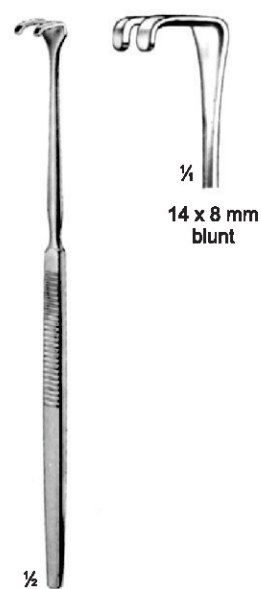
OI 16-4229-16
 10 x 6 mm

OI 16-4231-16
 20 x 6 mm



OI 16-4230-16
 17 x 5 mm

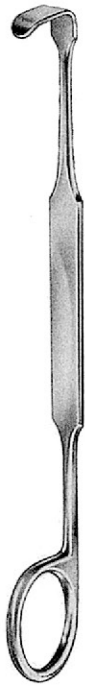
OI 16-4232-16
 22 x 8 mm



MINI-LANGENBECK
 OI 16-4233-16
 16 cm/6 1/4"

14 x 8 mm
 blunt





MEYERDING
18 cm/7 1/8"



1/4
OI 16-4234-18
18 x 7 mm



OI 16-4235-18
16 x 5 mm



1/4
OI 16-4236-18
7 x 4 mm



OI 16-4237-18
10 x 3 mm



1/4
OI 16-4238-18
7 x 4 mm



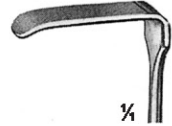
OI 16-4239-18
10 x 4 mm



SENN-GREEN
15 cm/5 7/8"



1/4
10 x 6 mm
OI 16-4240-15



1/4
20 x 6 mm
OI 16-4241-15

28 x 6 mm



12 x 14 mm



LAHEY
OI 16-4242-19
19 cm/7 1/2"

LITTLE
OI 16-4243-20
20 cm/7 7/8"



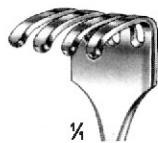
KLAPP
17.5 cm/6 7/8"



1/4
OI 16-4244-17
13 x 6 mm



1/4
OI 16-4245-17
12 x 11 mm



1/4
OI 16-4246-17
15 x 12 mm



STRANDELL-STILLE
19 cm/7 1/2"



OI 16-4247-19



OI 16-4248-19
toothed



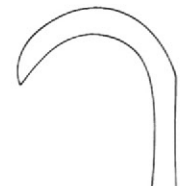
1/4
OI 16-4249-19
19 x 12 mm



1/4
OI 16-4250-19
21 x 14 mm

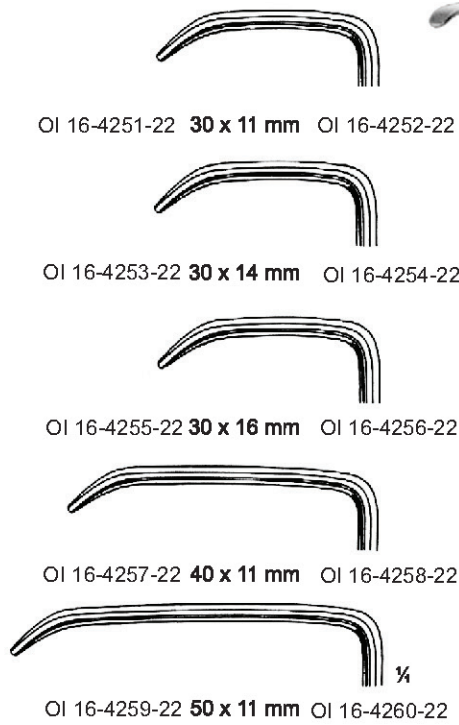


KOCHER
19 cm/7 1/2"

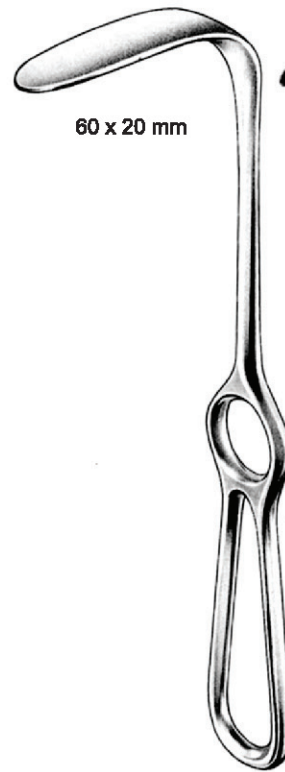




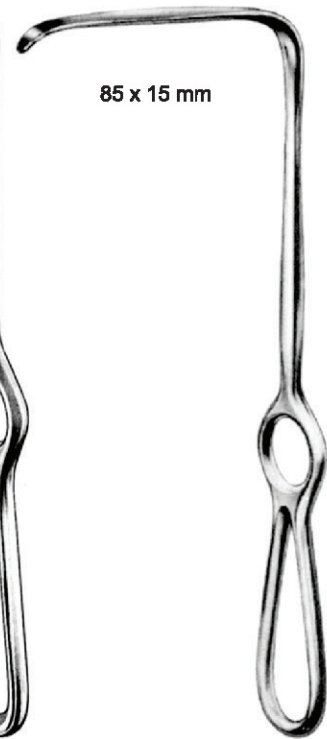
LANGENBECK
 22 cm/8 1/2"



LANGENBECK
 21 cm/8 1/4"



LANGENBECK
 OI 16-4261-21
 21 cm/8 1/4"

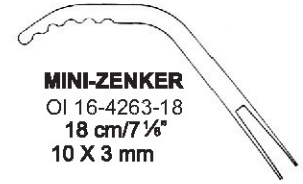


LANGENBECK
 OI 16-4262-21
 21 cm/8 1/4"

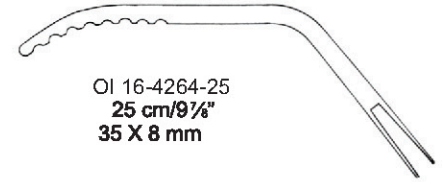




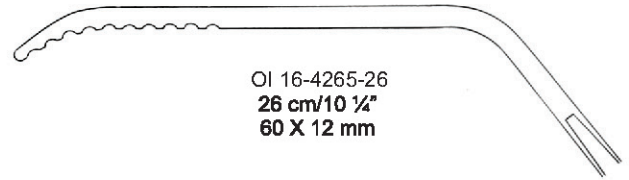
ZENKER



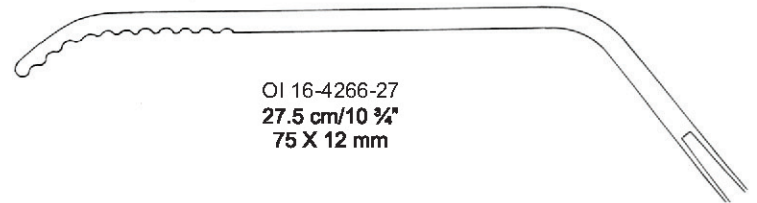
MINI-ZENKER
OI 16-4263-18
18 cm/7 1/8"
10 X 3 mm



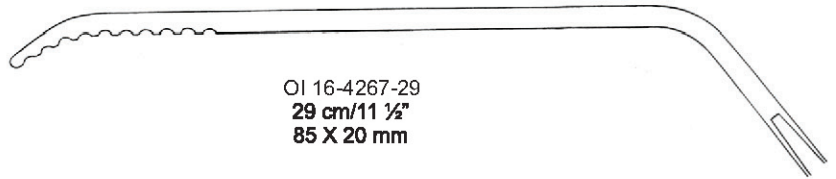
OI 16-4264-25
25 cm/9 7/8"
35 X 8 mm



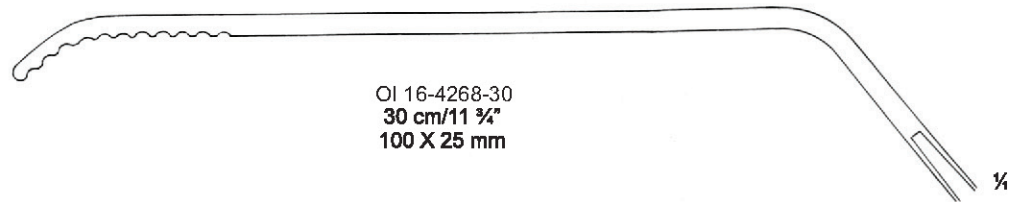
OI 16-4265-26
26 cm/10 1/4"
60 X 12 mm



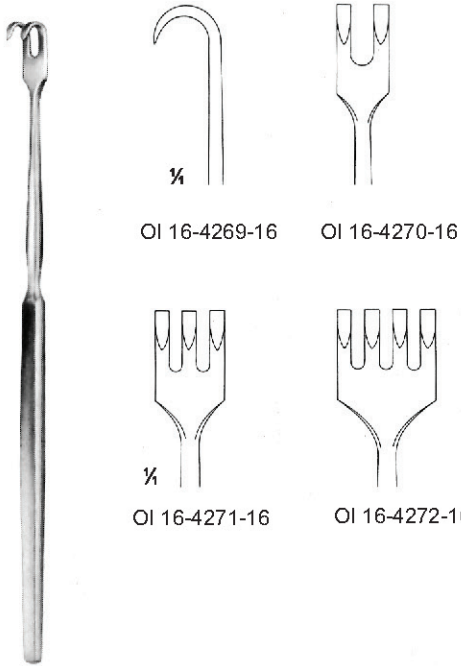
OI 16-4266-27
27.5 cm/10 3/4"
75 X 12 mm



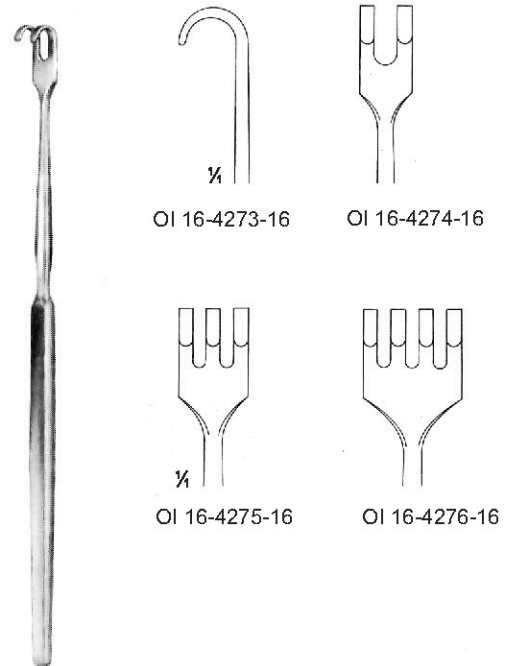
OI 16-4267-29
29 cm/11 1/2"
85 X 20 mm



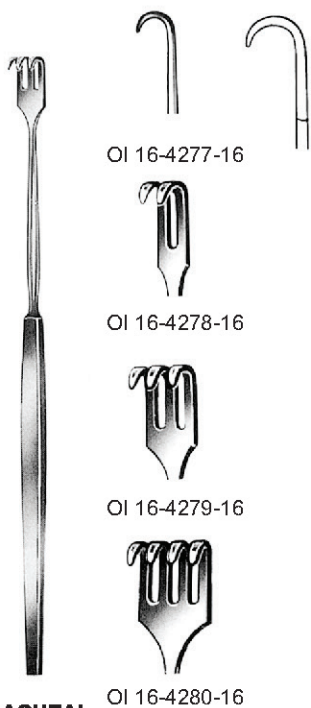
OI 16-4268-30
30 cm/11 3/4"
100 X 25 mm



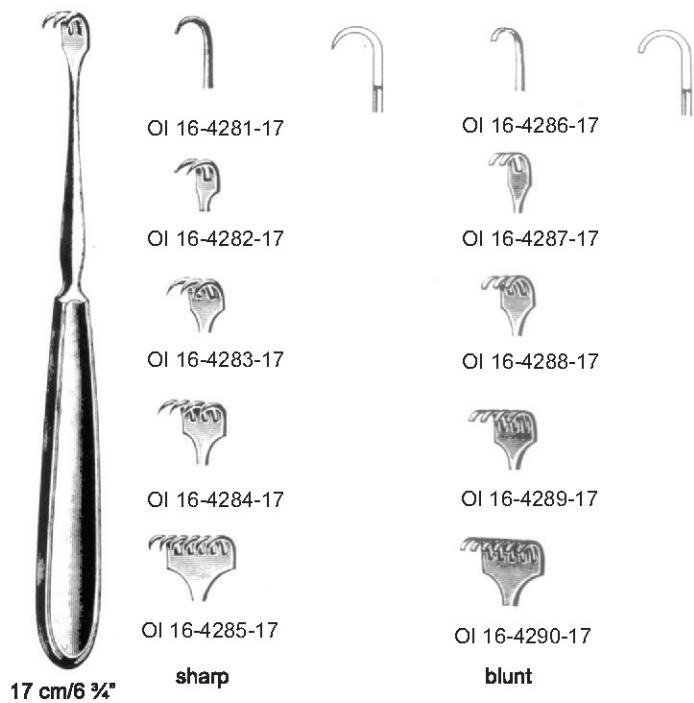
TRACHEAL
 16 cm/6 1/4"
 sharp



TRACHEAL
 16 cm/6 1/4"
 blunt



TRACHEAL
 16 cm/6 1/4"
 semi-sharp



17 cm/6 3/4"

sharp

blunt





16 cm/6 1/4"
flexible



sharp



blunt



16 cm/6 1/4"



sharp



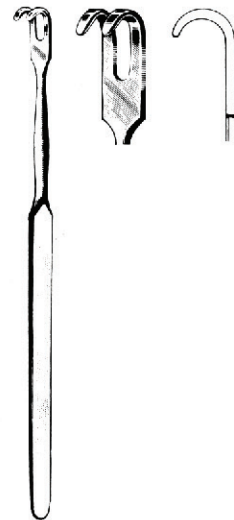
blunt



VESSEL HOOK
OI 16-4299-12
12 cm/4 3/4"



VOLKMANN
11.5 cm/4 1/2"



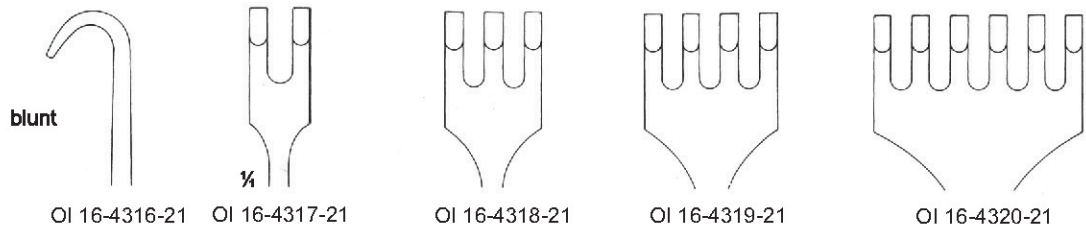
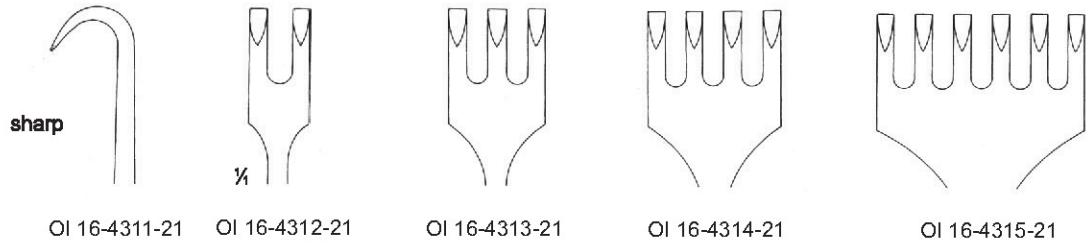
OI 16-4308-13
13.5 cm/5 3/8"



16 cm/6 1/4"



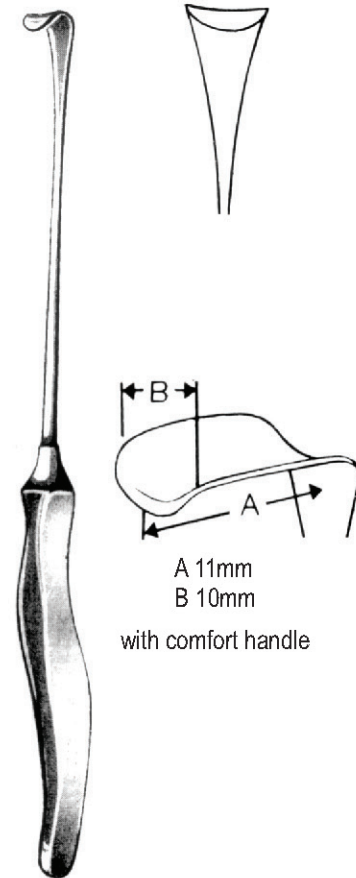
Measurements of retractors: Depth x Width



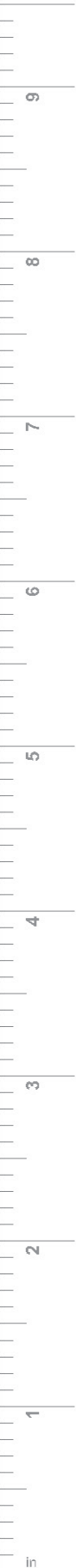
VOLKMANN
 21.5 cm/8 1/2"



CUSHING
 OI 16-4321-21
 21.5 cm/8 1/2"
 OI 16-4322-25
 25 cm/10"

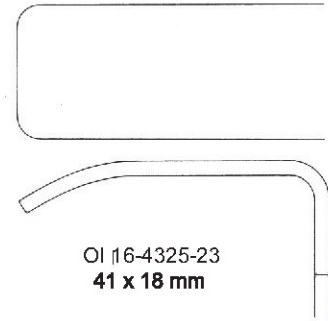


CUSHING
 OI 16-4323-21
 24.5 cm/9 5/8"
 OI 16-4324-28
 28 cm/11"

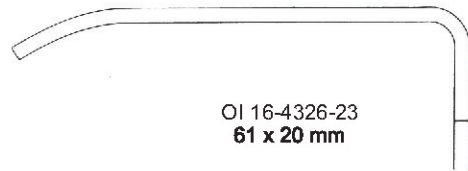




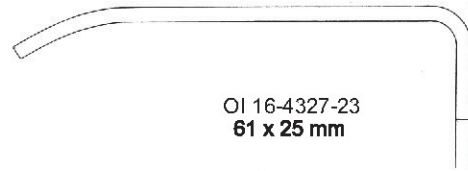
KOCHER
23 cm/9"



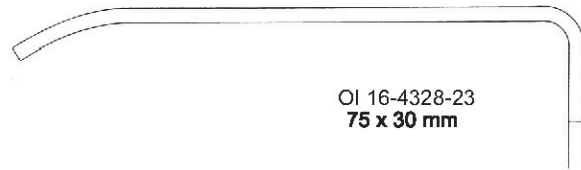
OI 16-4325-23
41 x 18 mm



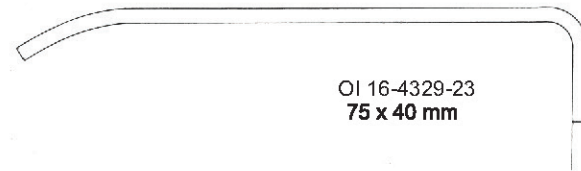
OI 16-4326-23
61 x 20 mm



OI 16-4327-23
61 x 25 mm



OI 16-4328-23
75 x 30 mm

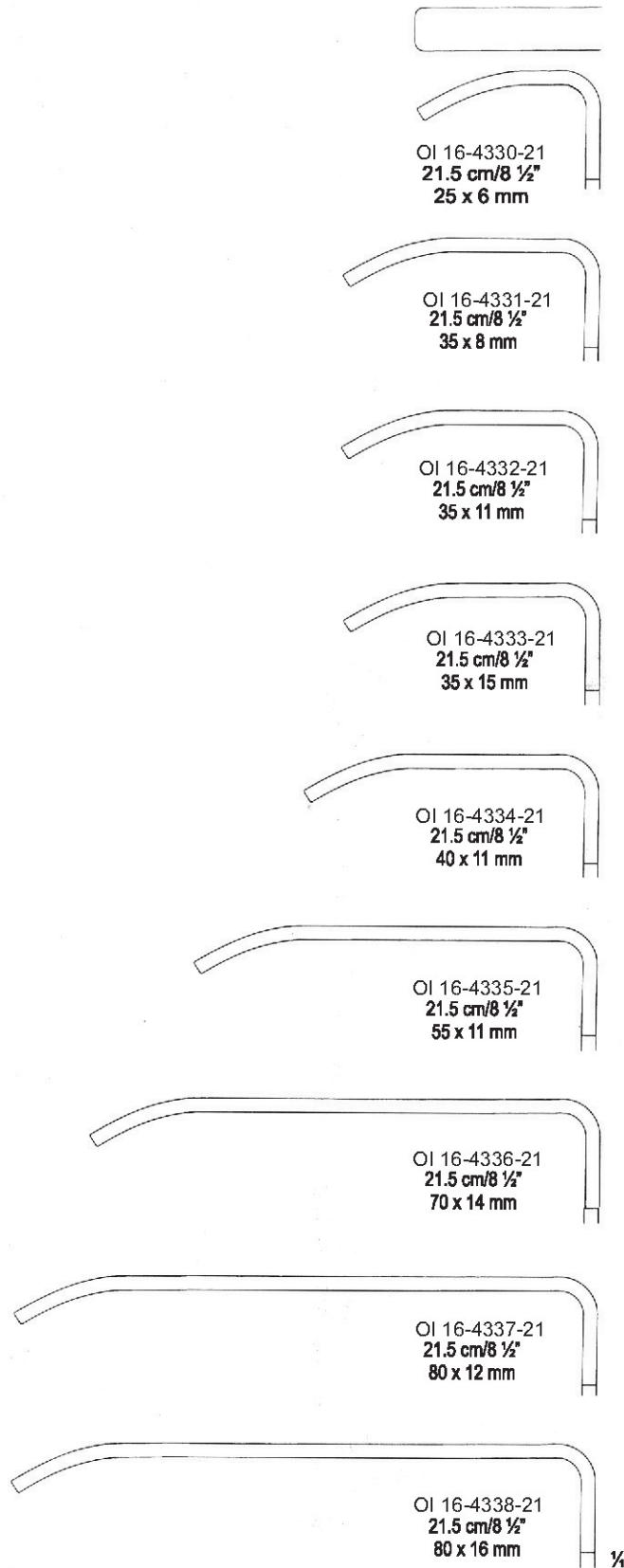


OI 16-4329-23
75 x 40 mm

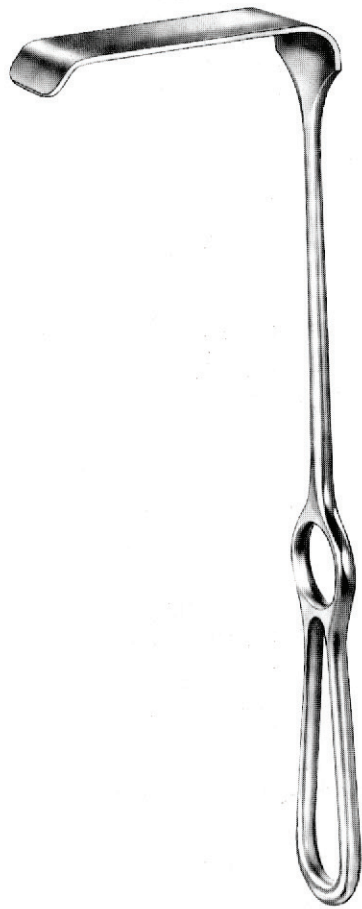
1/4



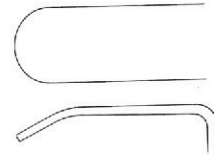
KOCHER-LANGENBECK
 21.5 cm/8 1/2"



Measurements of retractors: Depth x Width



KOCHER-LANGENBECK
21.5 cm/8 1/2"



OI 16-4339-21
21.5 cm/8 1/2"
25 x 10 mm



OI 16-4340-21
21.5 cm/8 1/2"
40 x 13 mm



OI 16-4341-21
21.5 cm/8 1/2"
60 x 13 mm



OI 16-4342-21
21.5 cm/8 1/2"
40 x 18 mm



OI 16-4343-21
21.5 cm/8 1/2"
60 x 18 mm



OI 16-4344-21
21.5 cm/8 1/2"
85 x 18 mm



OI 16-4345-21
21.5 cm/8 1/2"
60 x 25 mm



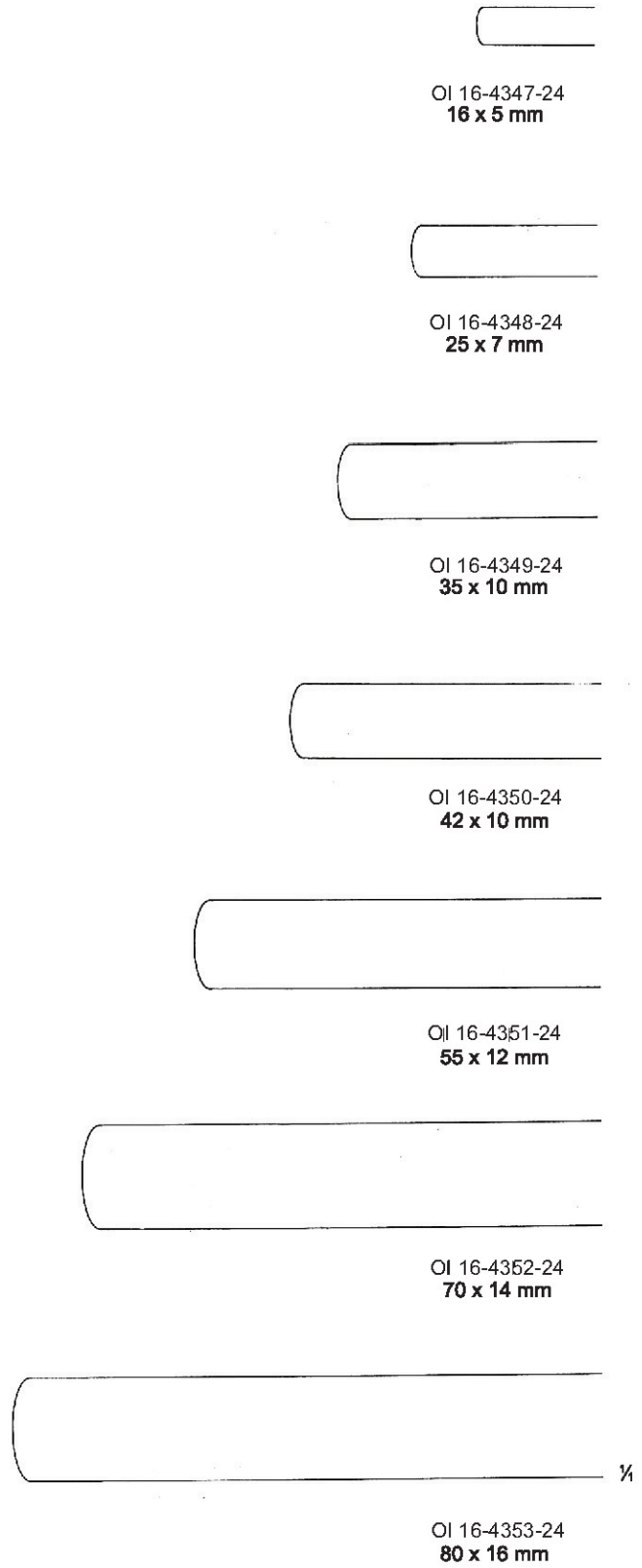
OI 16-4346-21
21.5 cm/8 1/2"
85 x 25 mm

Measurements of retractors: Depth x Width

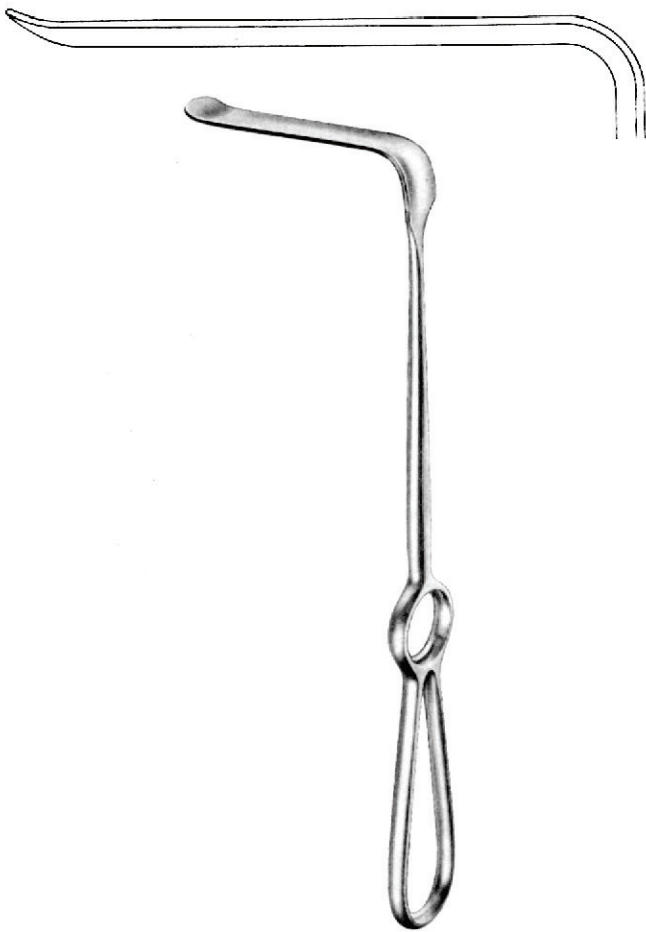




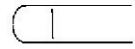
OBWEGESER
 24 cm/9 1/2"
 bent downwards



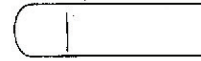
Measurements of retractors: Depth x Width



OBWEGESER
24cm/9 1/2"
bent upward



OI 16-4354-24
16 x 5 mm



OI 16-4355-24
25 x 7 mm



OI 16-4356-24
35 x 10 mm



OI 16-4357-24
42 x 10 mm



OI 16-4358-24
55 x 12 mm

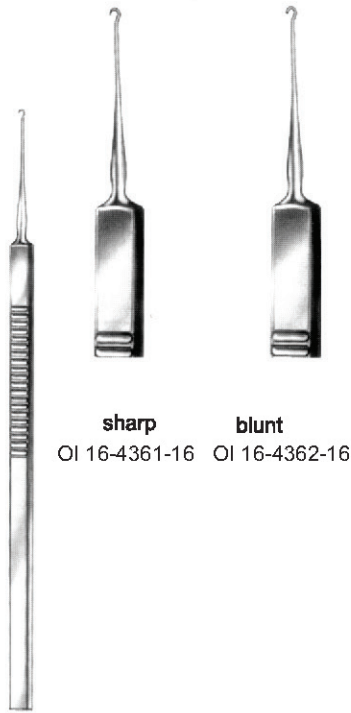


OI 16-4359-24
70 x 14 mm



OI 16-4360-24
80 x 16 mm

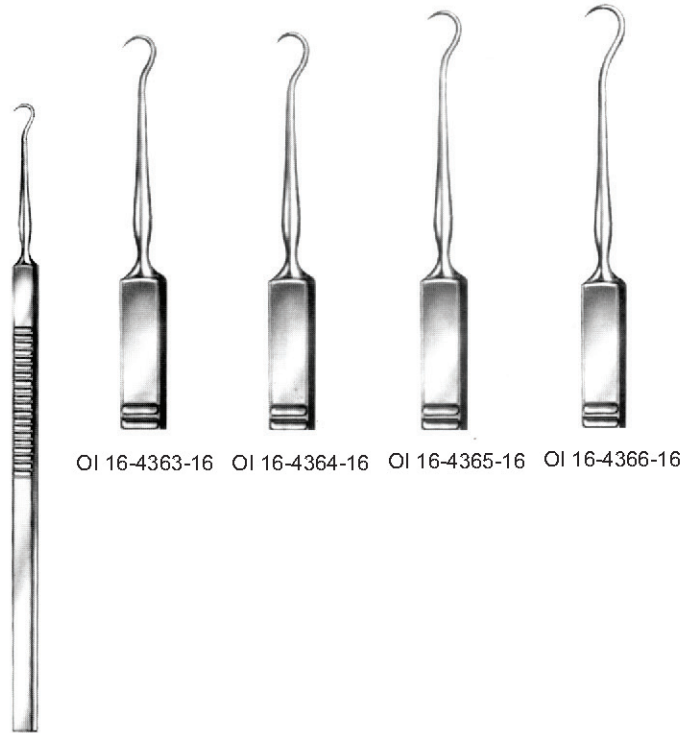
Measurements of retractors: Depth x Width



sharp
 OI 16-4361-16

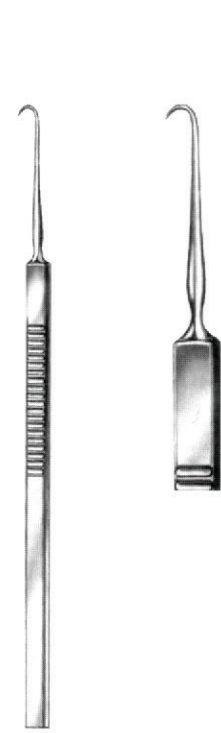
blunt
 OI 16-4362-16

GRAEFE
 16 cm/6 1/4"

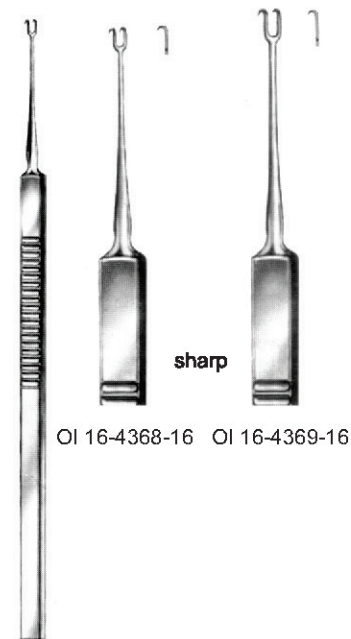


OI 16-4363-16 OI 16-4364-16 OI 16-4365-16 OI 16-4366-16

GRAEFE
 16 cm/6 1/4"

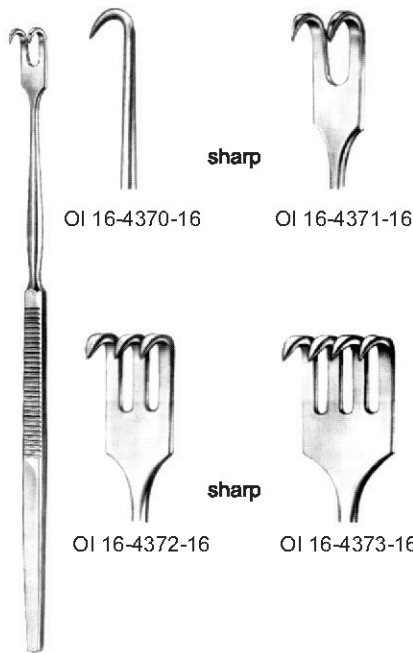


O'CONNOR
 OI 16-4367-16
 16 cm/6 1/4"



sharp
 OI 16-4368-16 OI 16-4369-16

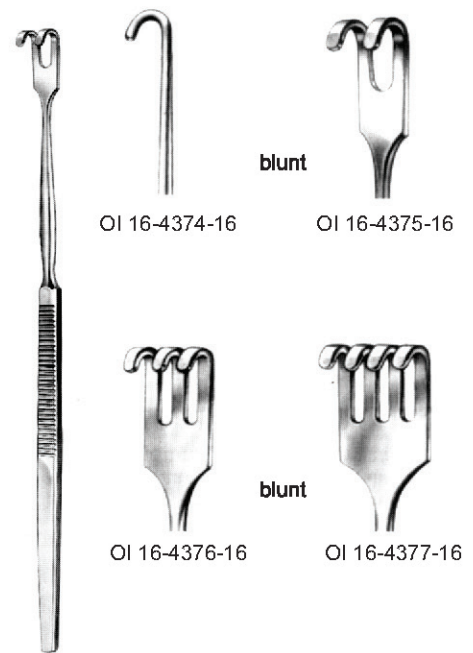
GUTHRIE
 16 cm/6 1/4"



sharp
 OI 16-4370-16 OI 16-4371-16

sharp
 OI 16-4372-16 OI 16-4373-16

KEHLENGRIFF
 16 cm/6 1/4"



blunt
 OI 16-4374-16 OI 16-4375-16

blunt
 OI 16-4376-16 OI 16-4377-16

KEHLENGRIFF
 16 cm/6 1/4"

Measurements of retractors: Depth x Width





16 x 5 mm



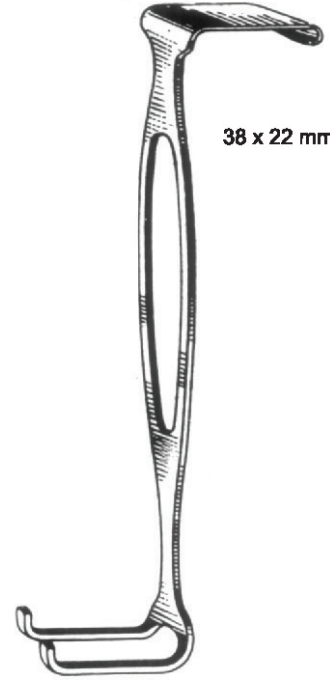
CANNY RYALL
OI 16-4378-15 15mm
OI 16-4378-20 20mm
OI 16-4378-25 25mm
OI 16-4378-30 30mm



CANNY RYALL
OI 16-4379-1717 cm/6 3/4"



CANNY RYALL
OI 16-4380-1717 cm/6 3/4"



38 x 22 mm

CZERNEY
OI 16-4381-1717 cm/6 3/4"



OI 16-4382-23



OI 16-4383-23

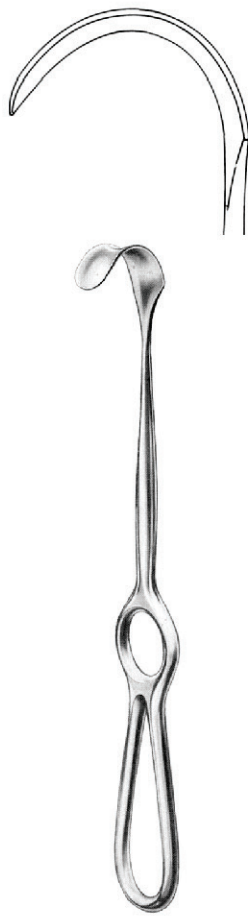


OI 16-4384-23

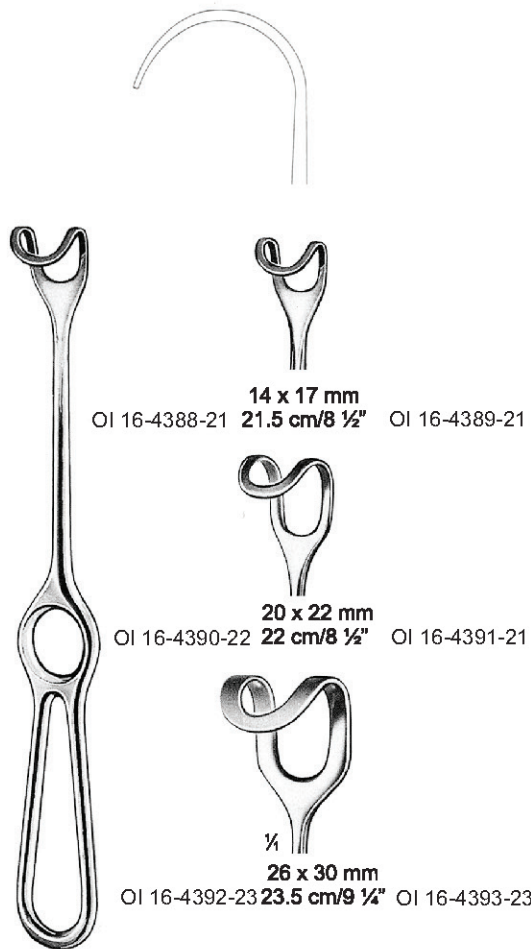
Sharp



23 cm/9"



KOCHER
 22 cm/8 ½"
 OI 16-4385-22 40 x 10 mm
 OI 16-4386-22 40 x 15 mm
 OI 16-4387-22 40 x 20 mm



MIDDELDORPF

OI 16-4388-21 14 x 17 mm
 21.5 cm/8 ½" OI 16-4389-21

OI 16-4390-22 20 x 22 mm
 22 cm/8 ½" OI 16-4391-21

OI 16-4392-23 26 x 30 mm
 23.5 cm/9 ¼" OI 16-4393-23



MIDDELDORPF



Measurements of retractors: Depth x Width



OI 16-4394-21



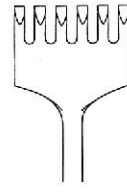
OI 16-4395-21



OI 16-4396-21



OI 16-4397-21



OI 16-4398-21



sharp



OI 16-4399-21



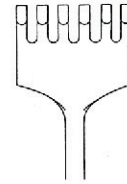
OI 16-4400-21



OI 16-4401-21



OI 16-4402-21



OI 16-4403-21



blunt



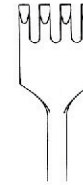
OI 16-4404-21



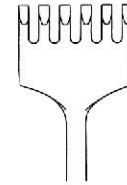
OI 16-4405-21



OI 16-4406-21



OI 16-4407-21



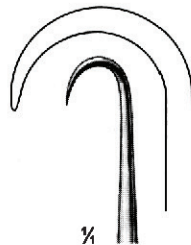
OI 16-4408-21



semi-sharp



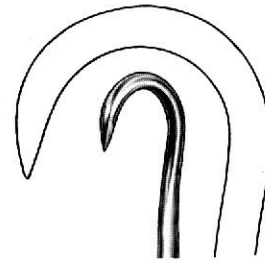
VOLKMANN
21.5 cm/8 1/2"



OI 16-4409-21
21.5 cm/8 1/2"



OI 16-4410-21
21.5 cm/8 1/2"

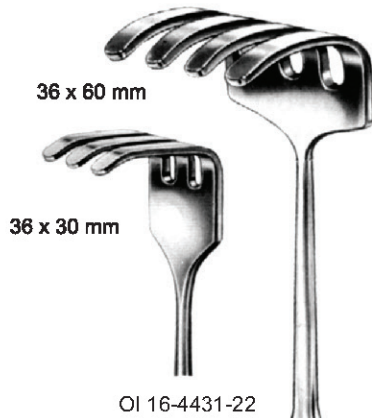
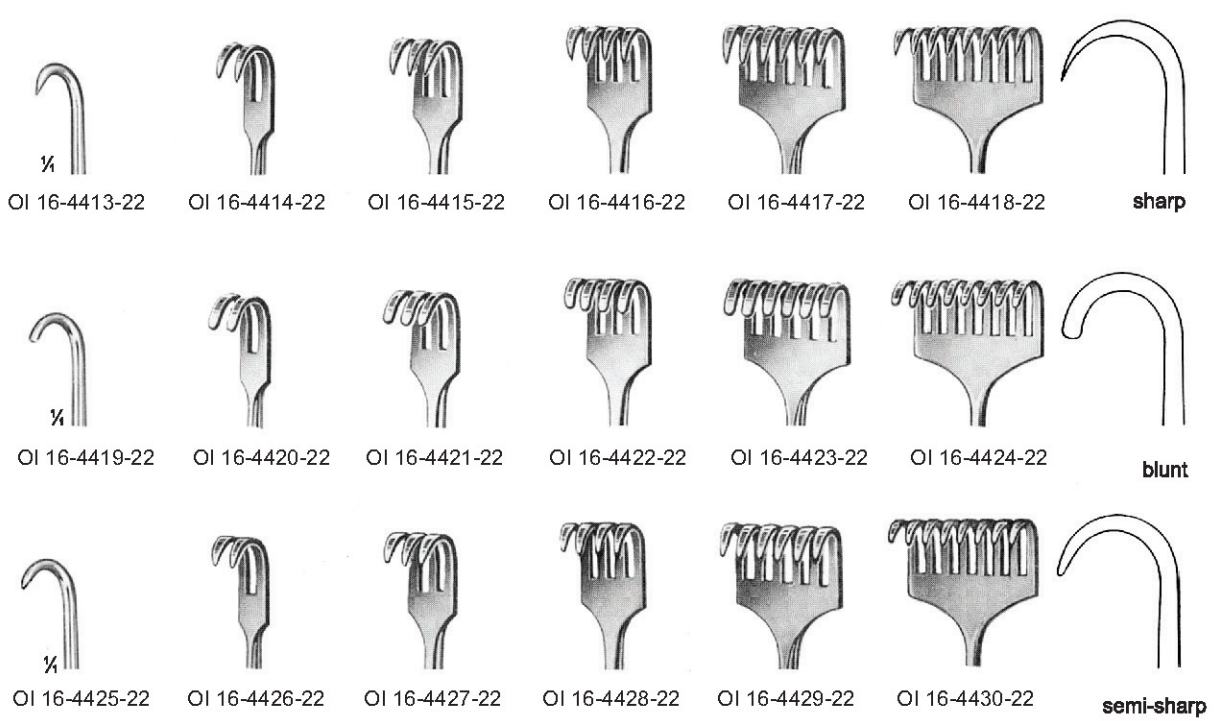


OI 16-4411-21 sharp
OI 16-4412-21 blunt
20 cm/7 1/8"

Measurements of retractors: Depth x Width



KOCHER
 22 cm/8 1/2"



OLLIER
 OI 16-4432-22
 22.5 cm/8 3/4"



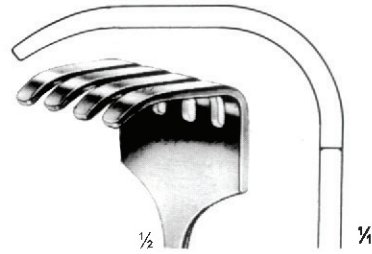
WASSMUND
 OI 16-4433-20
 20 cm/7 1/2"

Measurements of retractors: Depth x Width

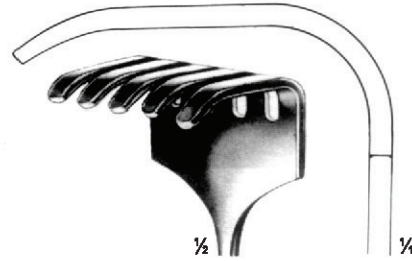




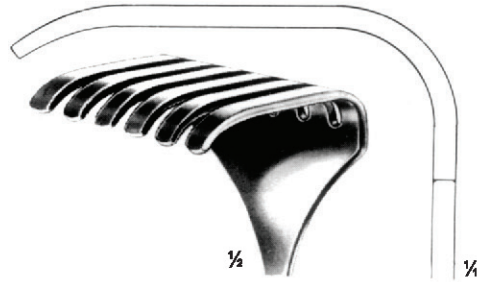
OI 16-4434-27
27 cm/10 1/2"



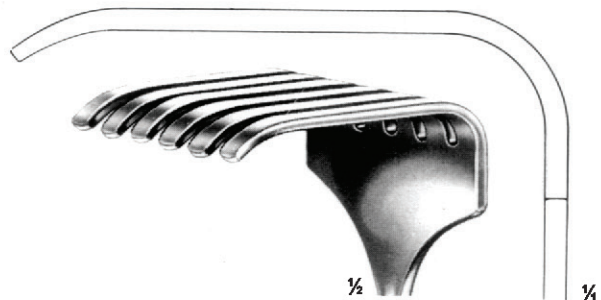
OI 16-4435-25
40 x 40 mm



OI 16-4436-25
45 x 50 mm



OI 16-4437-25
50 x 60 mm



OI 16-4438-25
70 x 70 mm



ISRAEL
25 cm/9 1/2"

Measurements of retractors: Depth x Width



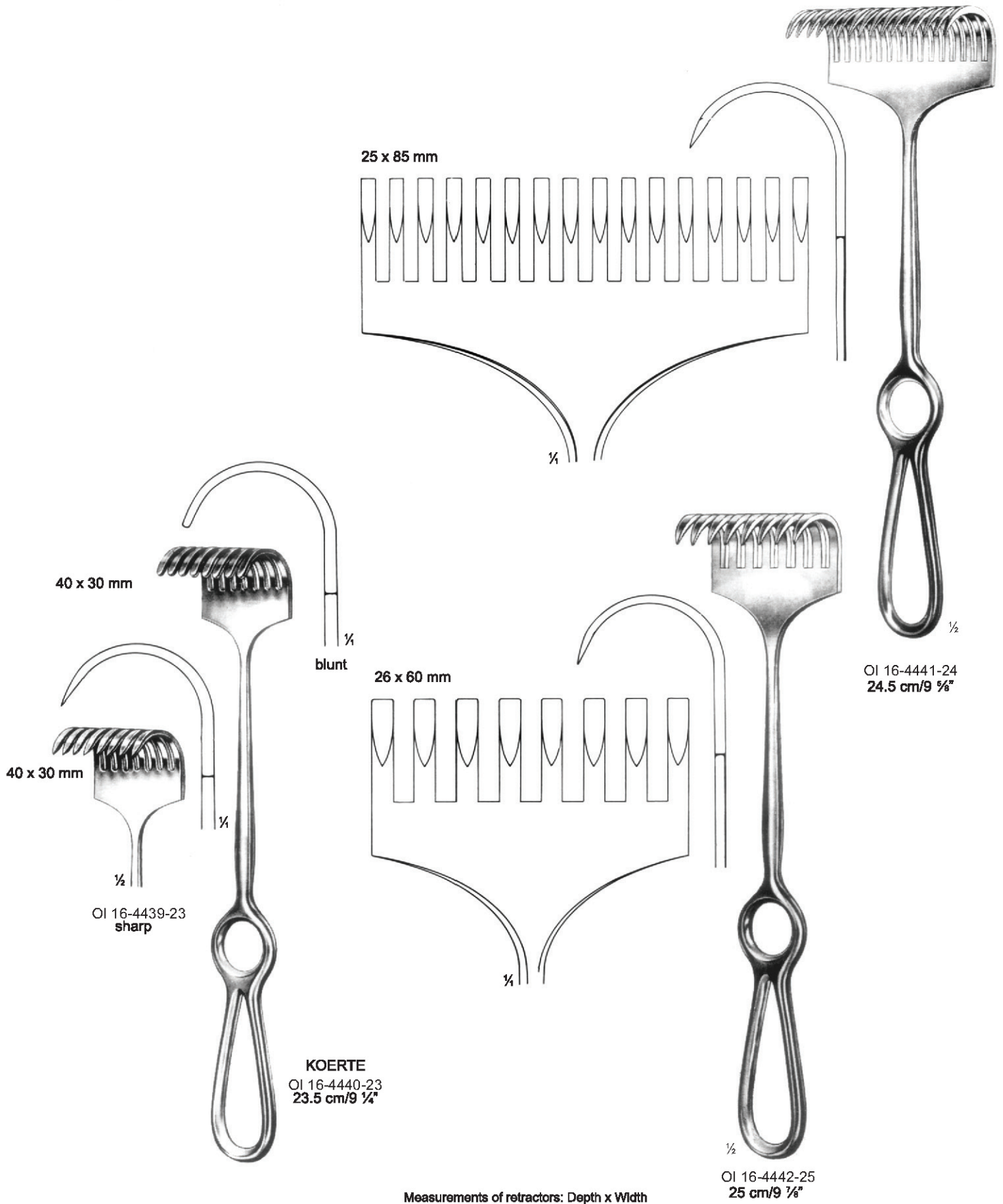




Fig. 1
OI 16-4443-26
26 cm/10 1/4"
25 x 20 mm
30 x 28 mm

Fig. 2
OI 16-4444-27
27.5 cm/10 3/4"
43 x 38 mm
63 x 44 mm

RICHARDSON-EASTMAN
OI 16-4445-1
Set Fig. 1 + 2

RICHARDSON

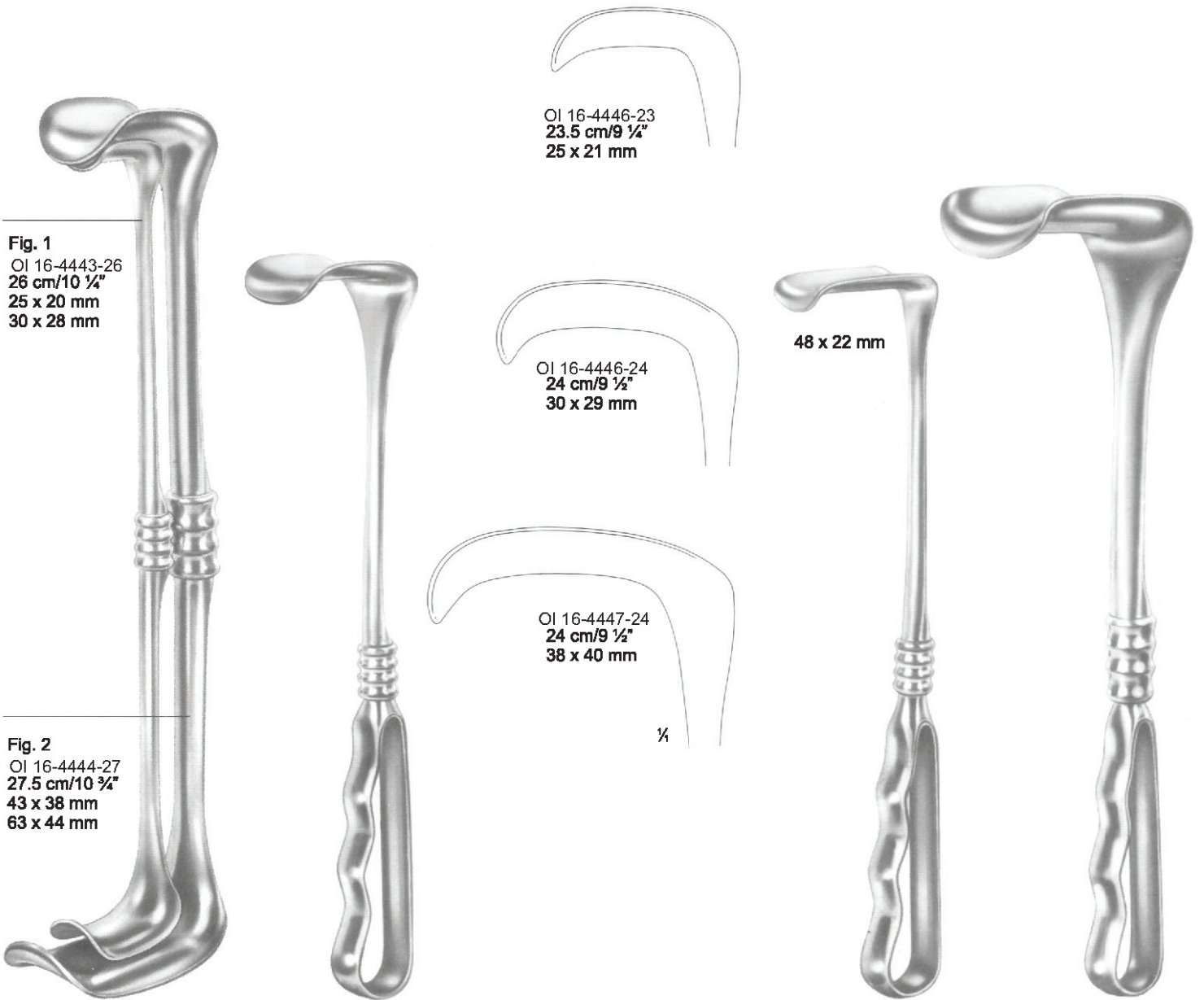
RICHARDSON
OI 16-4448-24
24 cm/9 1/2"

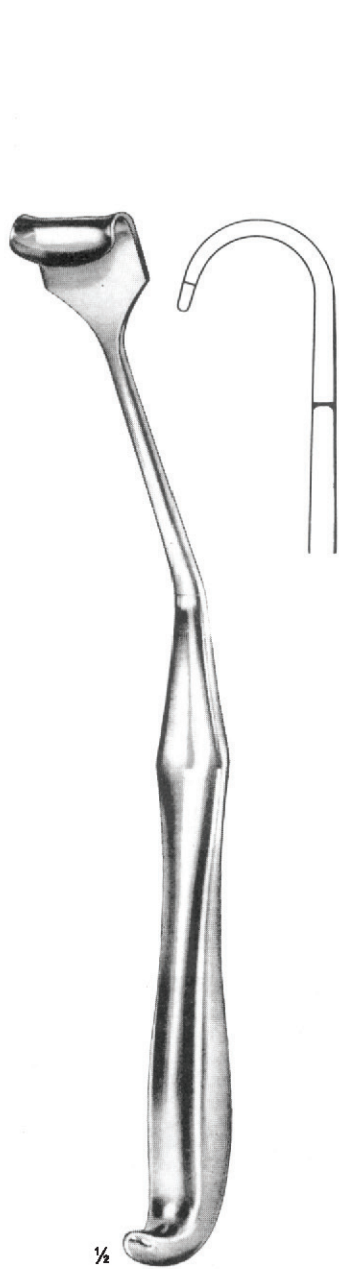
KELLY
OI 16-4449-26 62 x 50 mm
OI 16-4450-26 70 X 65 mm
26 cm/10 1/4"

OI 16-4446-23
23.5 cm/9 1/4"
25 x 21 mm

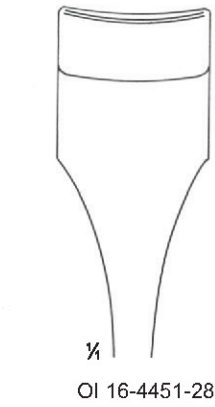
OI 16-4446-24
24 cm/9 1/2"
30 x 29 mm

OI 16-4447-24
24 cm/9 1/2"
38 x 40 mm





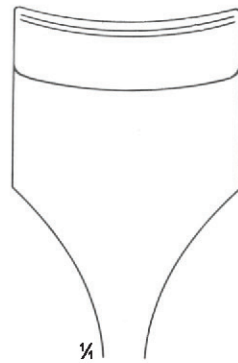
½
28 cm/11"



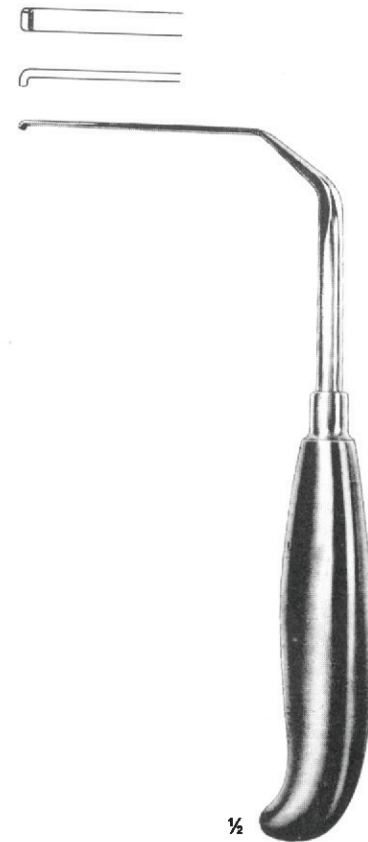
¼
OI 16-4451-28



¼
OI 16-4452-28

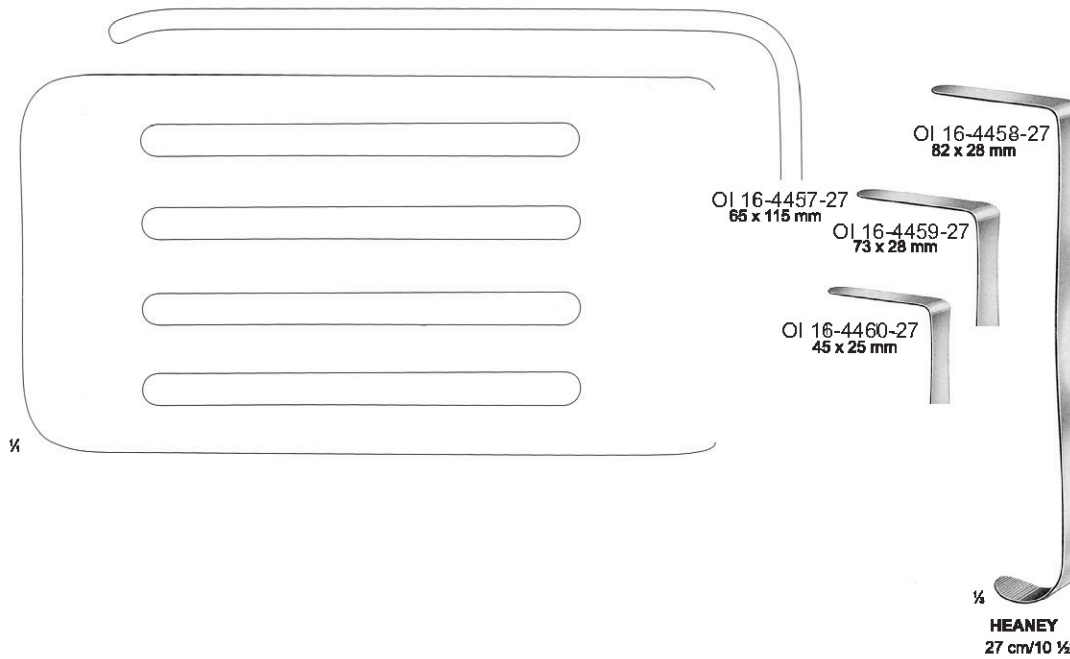
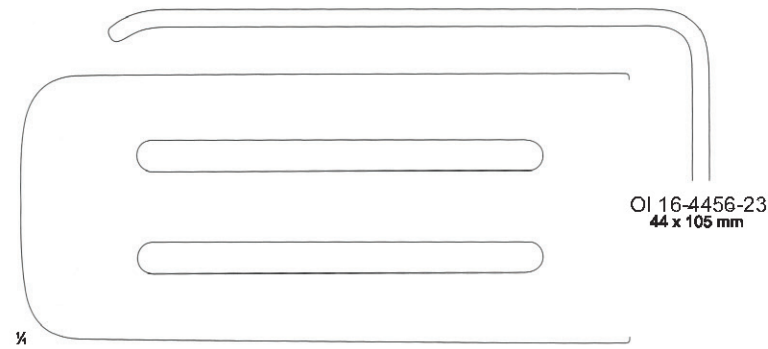
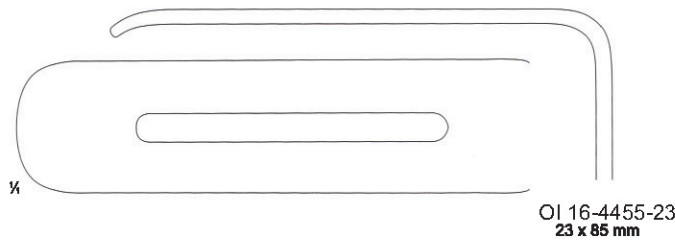


¼
OI 16-4453-28



½
OI 16-4454-28
19 cm/7 ½"







50 x 85 mm

½

DOYEN

OI 16-4461-25
 25 cm/9 ¾"

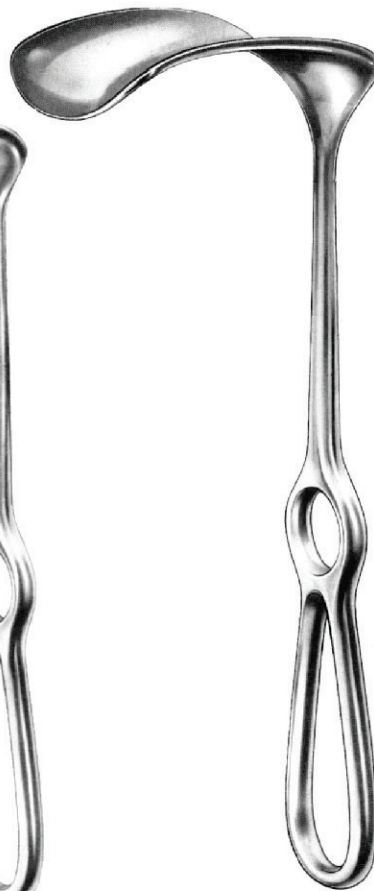


70 x 25 mm

½

KOCHER

OI 16-4462-22
 22.5 cm/8 ¾"



KOCHER

	Total length	Blade
	cm in.	mm
OI 16-4463-25	25 9 7/8"	80 x 45
OI 16-4464-25	25 9 7/8"	80 x 55
OI 16-4465-25	25 9 7/8"	80 x 65



TUFFIER

OI 16-4466-21
 21.5 cm/8 ½"



Measurements of retractors: Depth x width

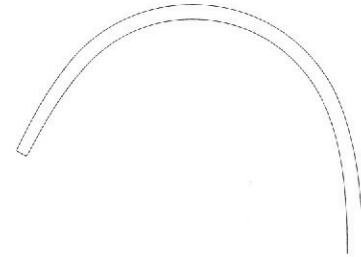


OI 16-4467-25
 25 cm/9 7/8"
 87 x 28 mm

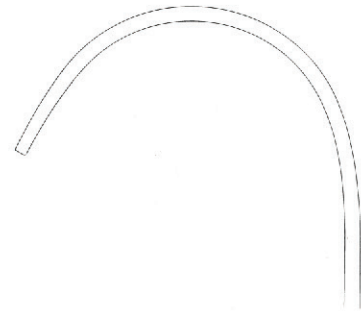
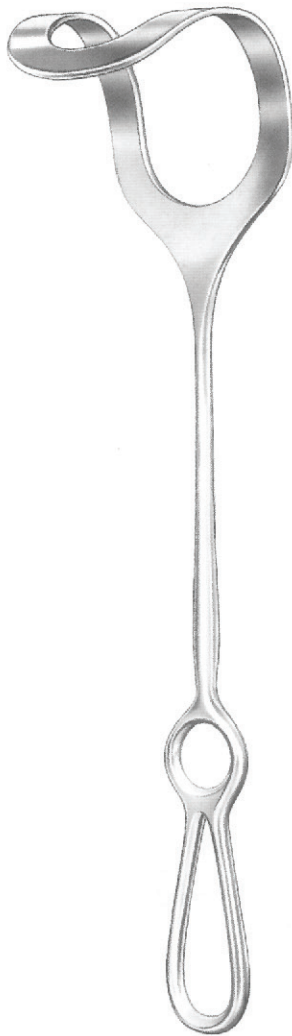
OI 16-4468-25
 25 cm/9 7/8"
 97 x 31 mm

OI 16-4469-25
 26 cm/10 1/4"
 117 x 52 mm

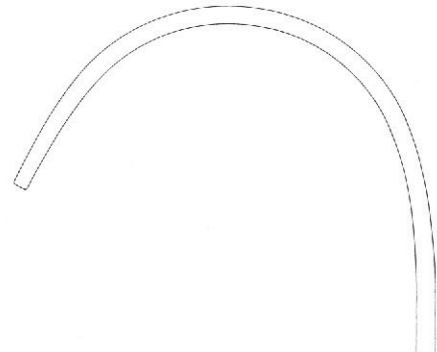
DOYEN-STILLE



OI 16-4470-27
27 cm/10 1/2"
43 x 45 mm



OI 16-4471-27
27 cm/10 1/2"
52 x 50 mm



OI 16-4471-28
28 cm/11"
52 x 70 mm

MIDDELDORPF

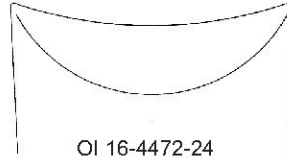




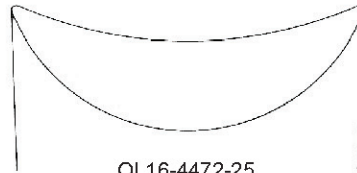
FRITSCH



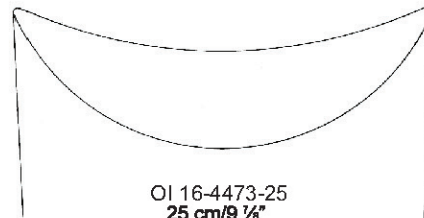
OI 16-4472-23
23.5 cm/9 1/4"
37 x 31 mm



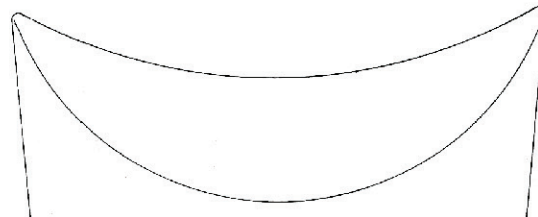
OI 16-4472-24
24 cm/9 1/2"
38 x 40 mm



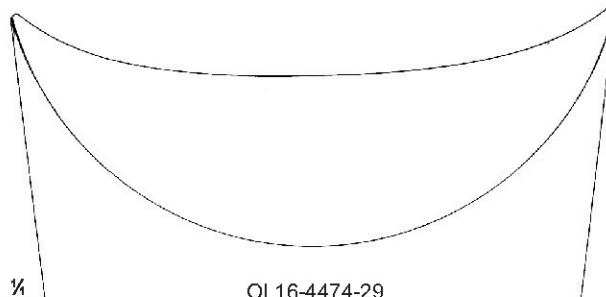
OI 16-4472-25
25 cm/9 7/8"
43 x 51 mm



OI 16-4473-25
25 cm/9 7/8"
49 x 61 mm



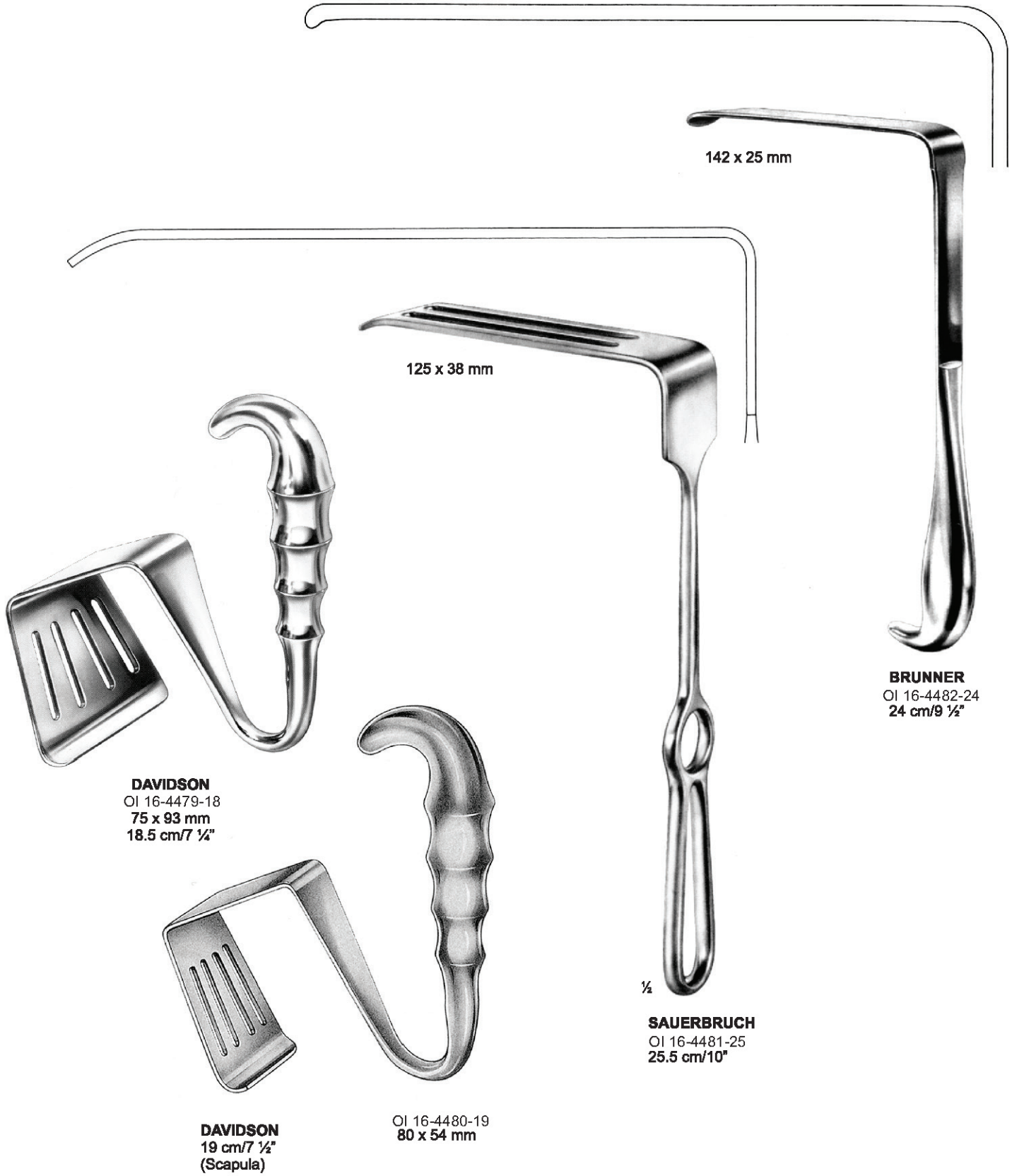
OI 16-4474-25
25.5 cm/10"
48 x 75 mm

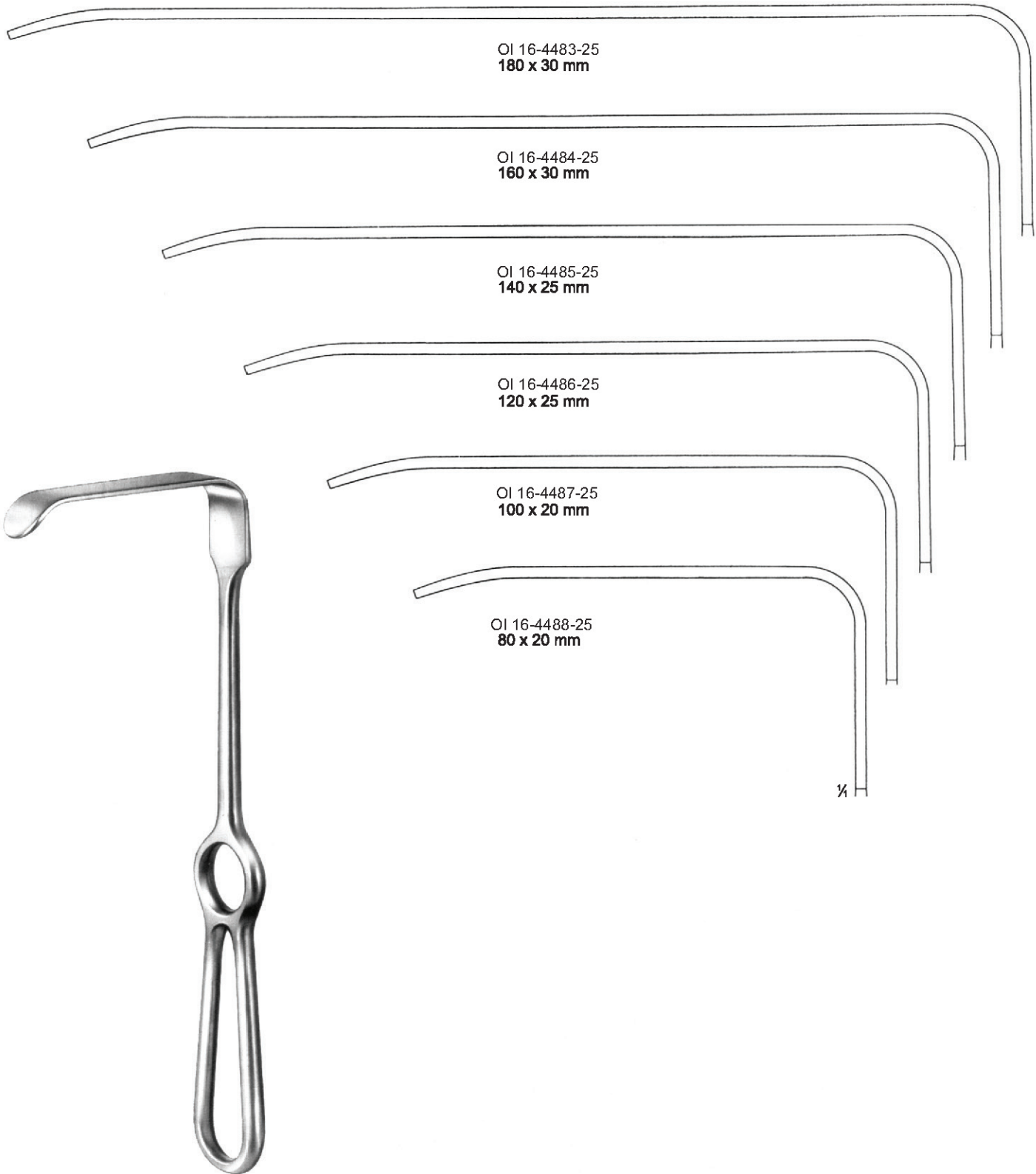


OI 16-4474-29
29.5 cm/11 3/4"
65 x 85 mm



Measurements of retractors: Depth x width





OI 16-4483-25
180 x 30 mm

OI 16-4484-25
160 x 30 mm

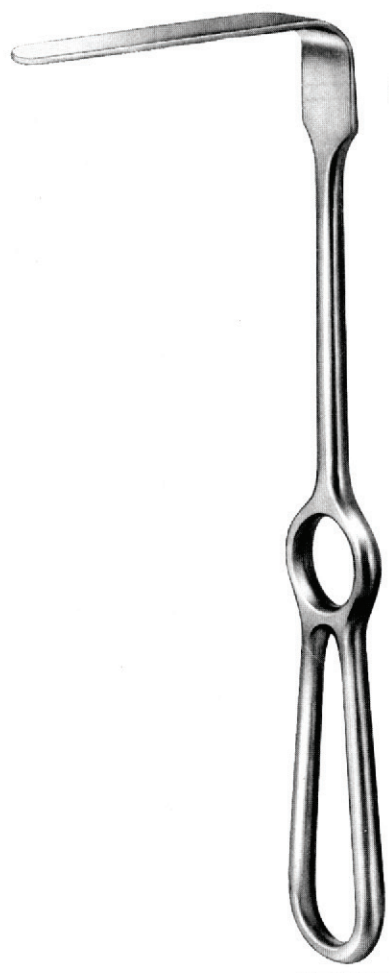
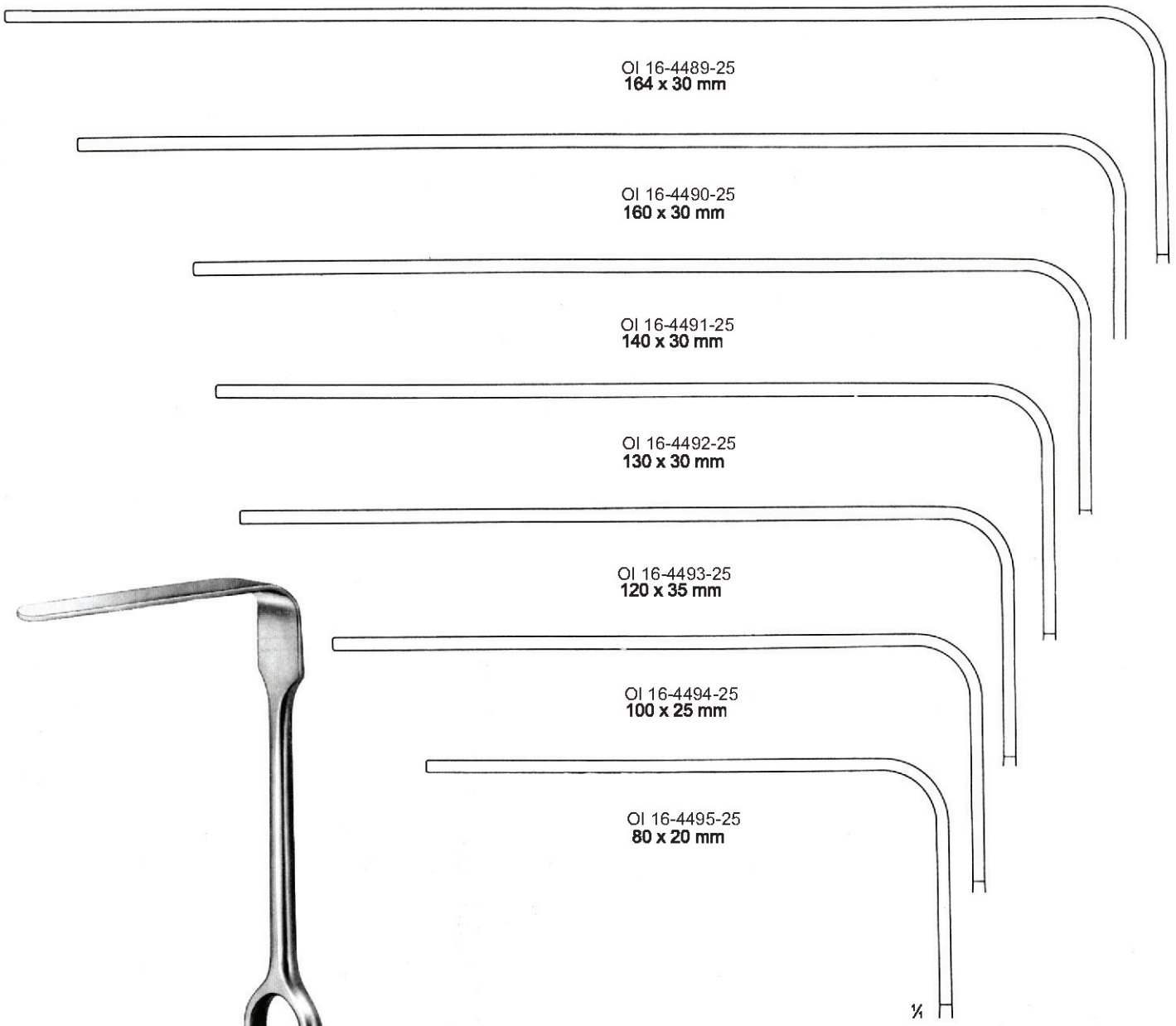
OI 16-4485-25
140 x 25 mm

OI 16-4486-25
120 x 25 mm

OI 16-4487-25
100 x 20 mm

OI 16-4488-25
80 x 20 mm

BRUNNER
25 cm/9 7/8"



BRUNNER
25.5 cm/10"

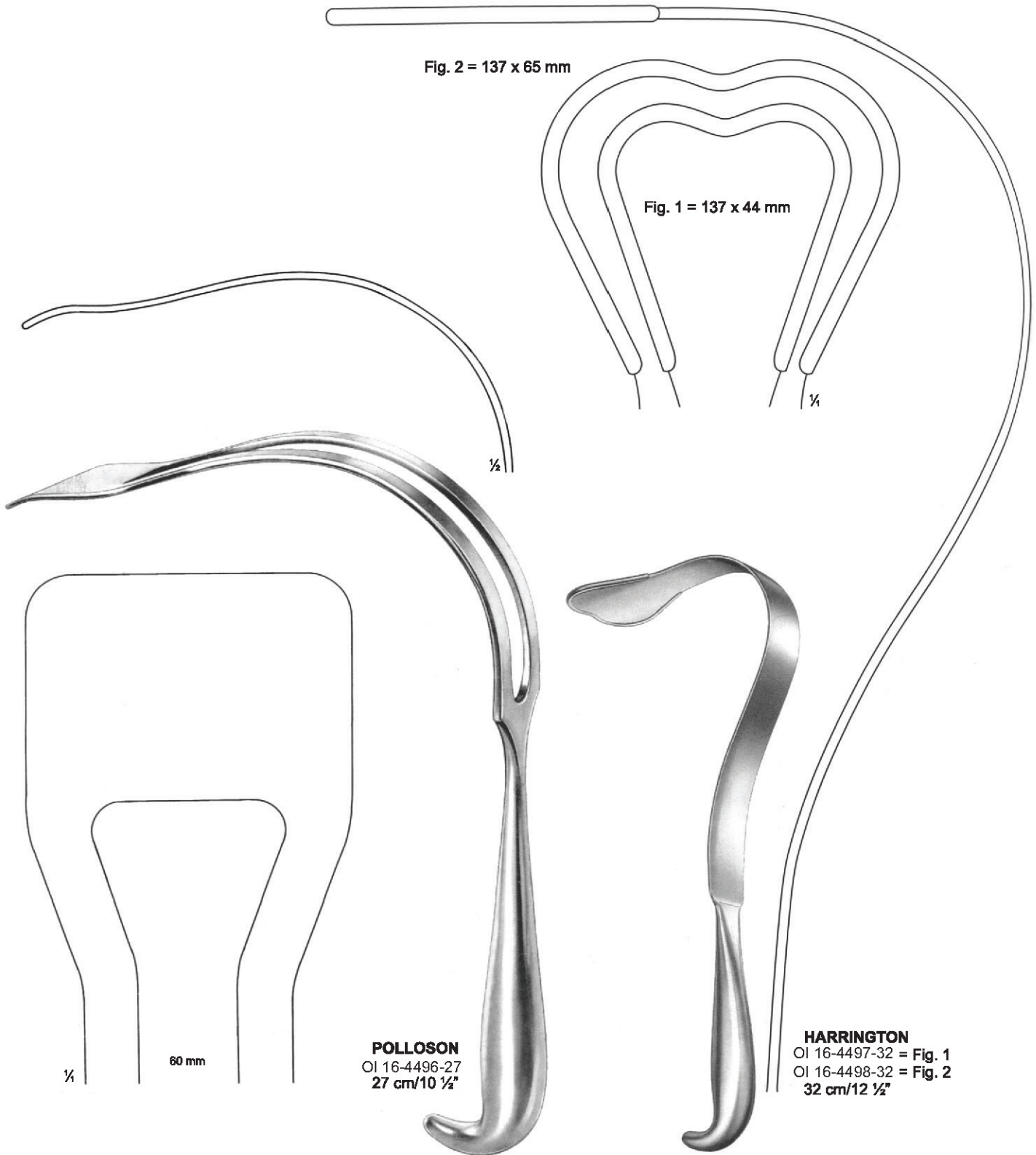


Fig. 2 = 137 x 65 mm

Fig. 1 = 137 x 44 mm

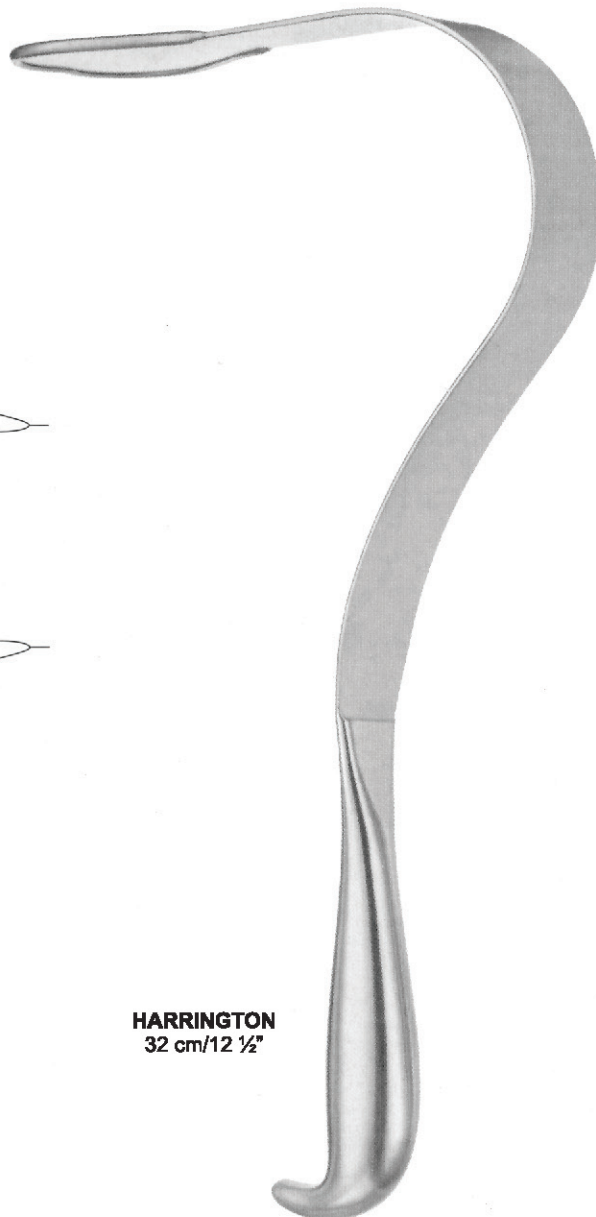
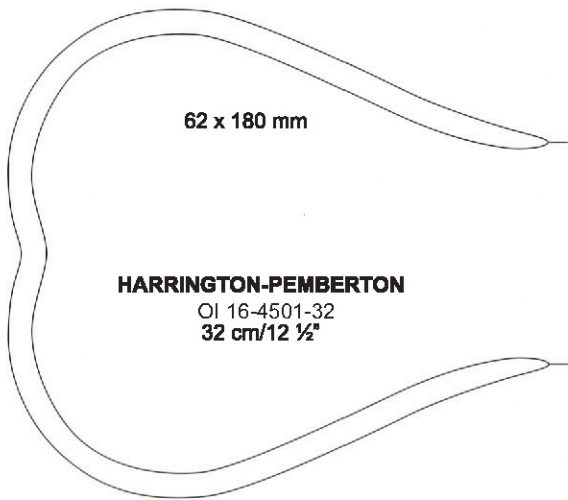
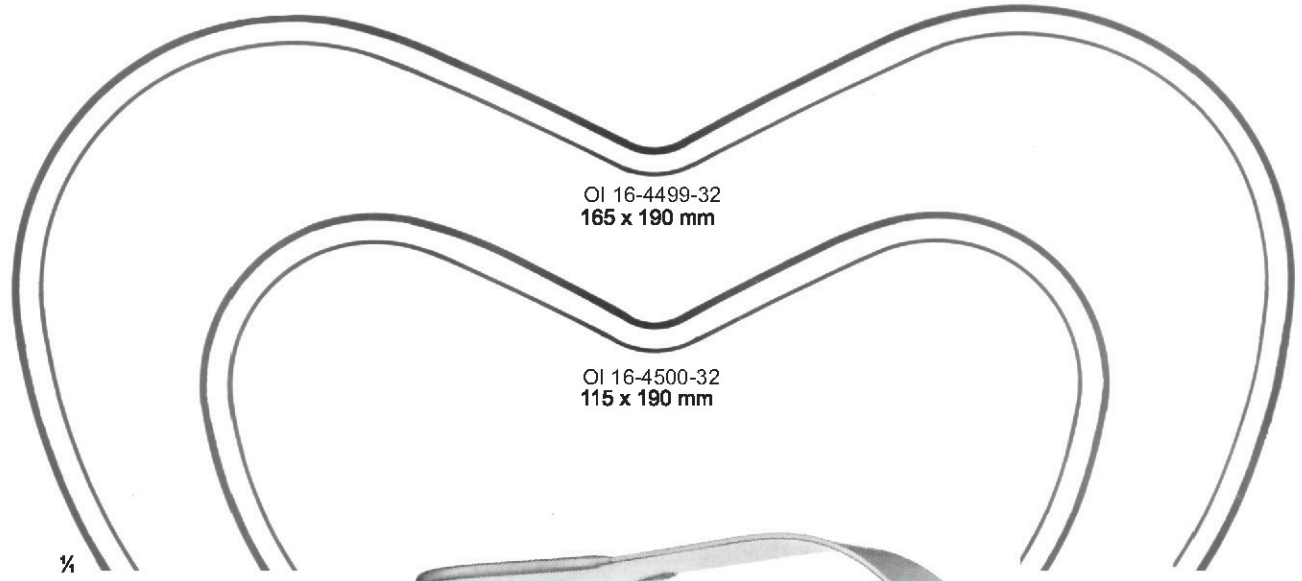
1/4

60 mm

POLLOSON
 OI 16-4496-27
 27 cm/10 1/2"

HARRINGTON
 OI 16-4497-32 = Fig. 1
 OI 16-4498-32 = Fig. 2
 32 cm/12 1/2"





Measurements of retractors: Depth x Width

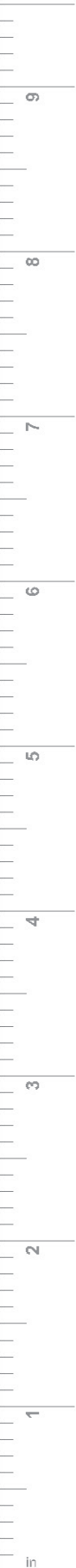


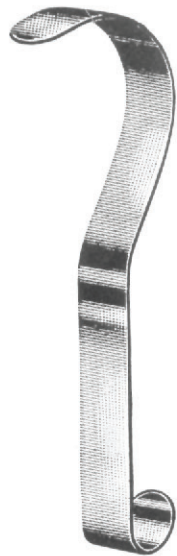
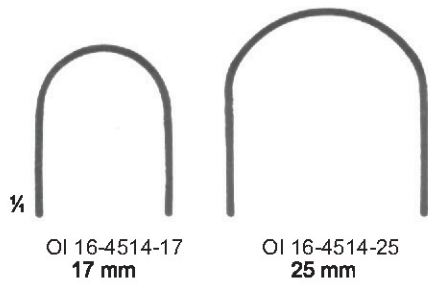
SAUERBRUCH
22.5 cm/8 ¾"

Measurements of retractors: Depth x Width





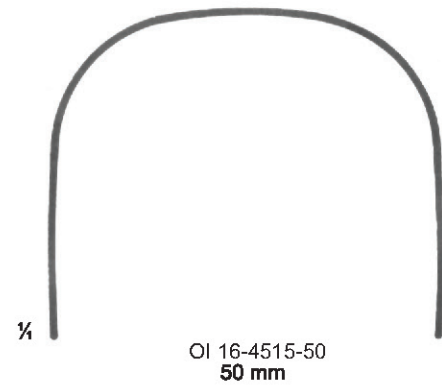
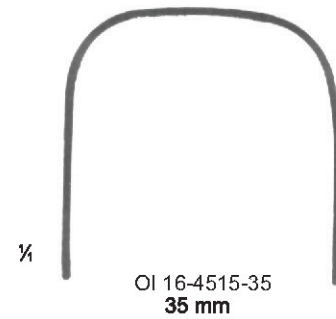
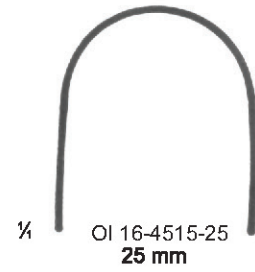




DEAVER-BABY



DEAVER





OI 16-4516-29
 29.5 cm/11 5/8"
 width of blade 48 mm

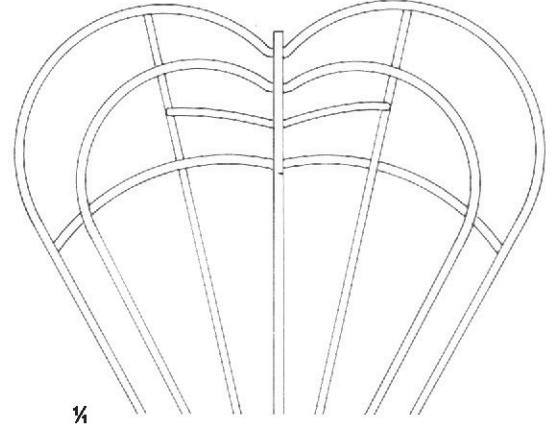
OI 16-4516-33
 33 cm/13"
 width of blade 63 mm

ALLISON



OI 16-4517-29
 29.5 cm/11 5/8"
 width of blade 132 mm

ALLISON



¼

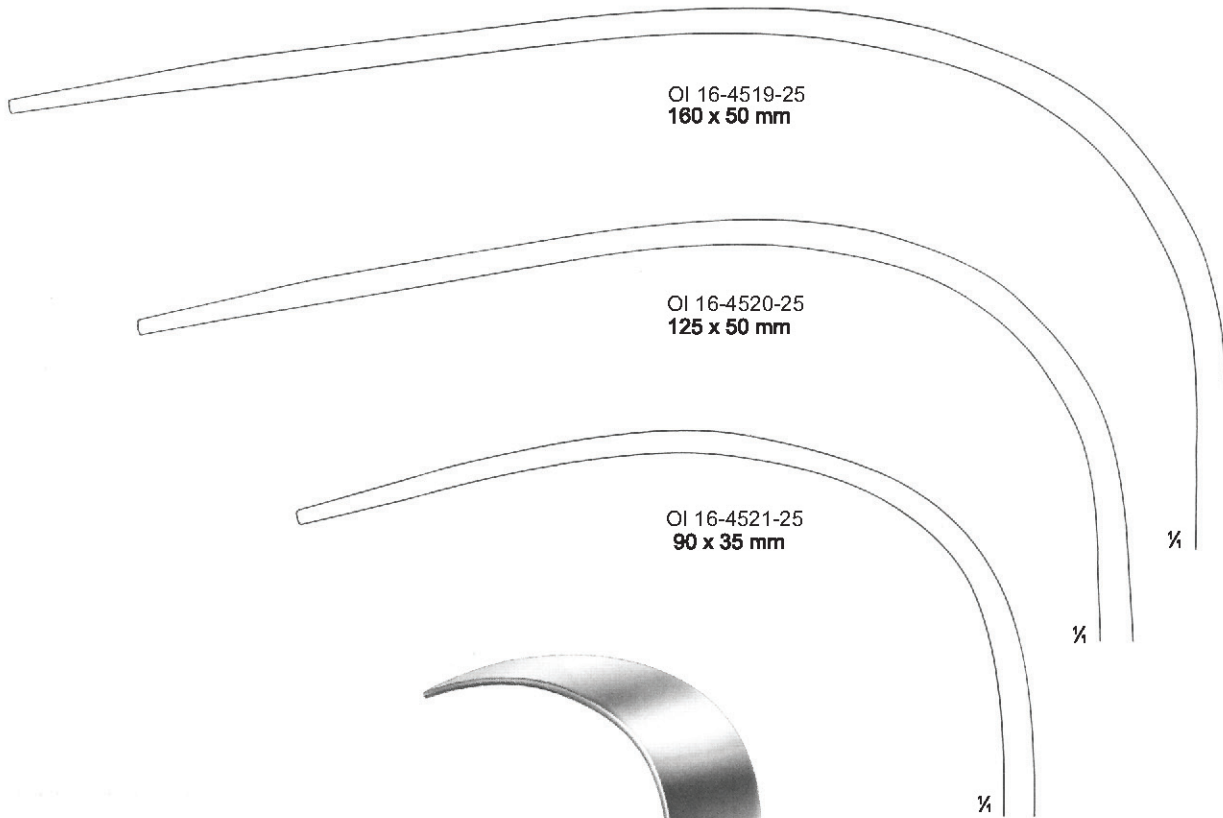


HIBBS

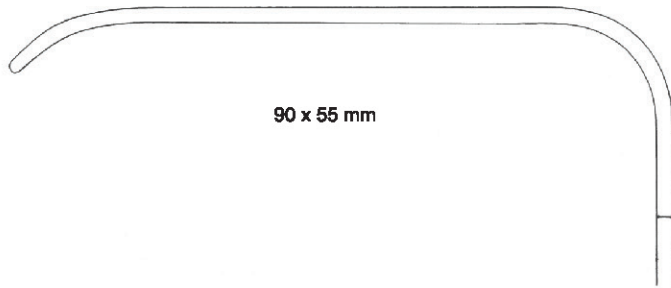
OI 16-4518-75 75 x 25 mm
 OI 16-4518-50 50 x 19 mm
 OI 16-4518-25 25 x 13 mm

Measurements of retractors: Depth x Width

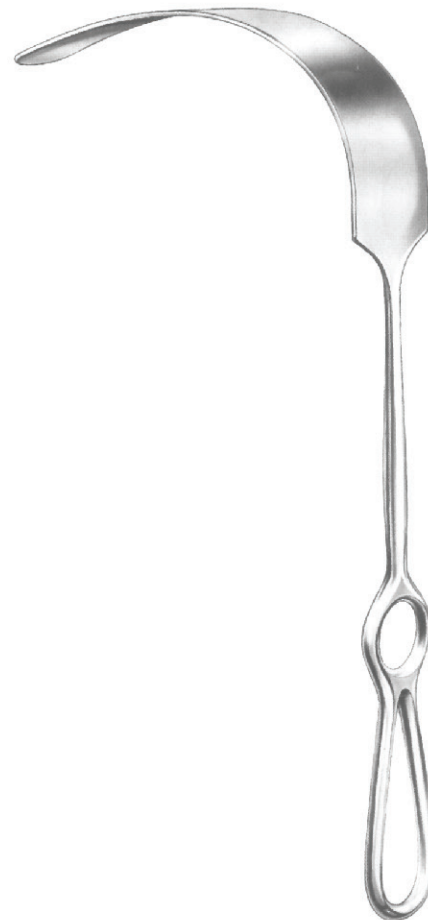
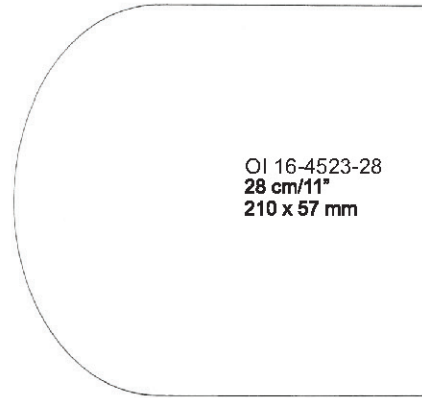
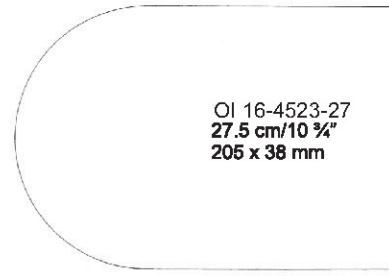




MIKULICZ
25 cm/9 7/8"

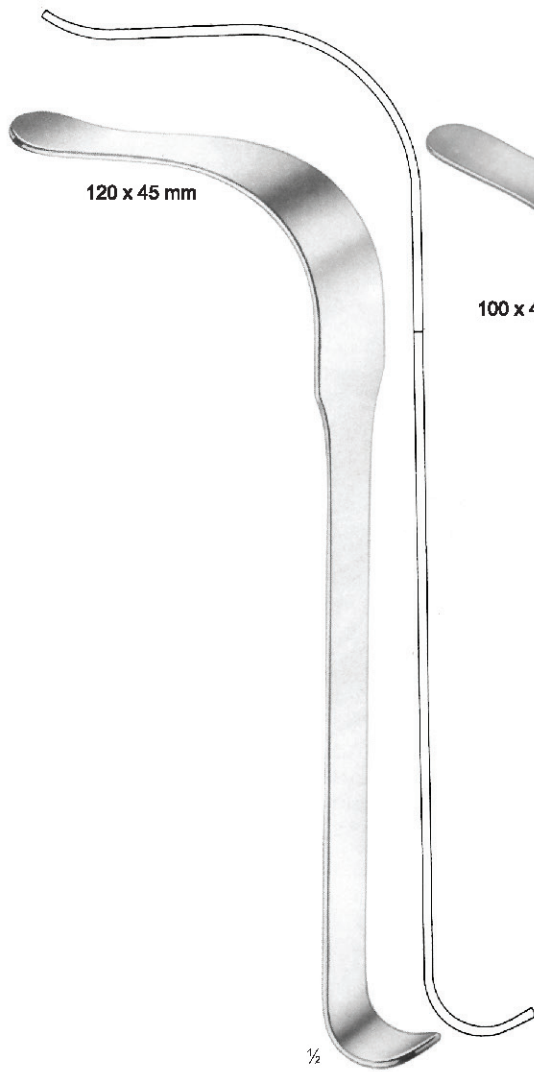


MIKULICZ
OI 16-4522-26
26 cm/10 1/4"

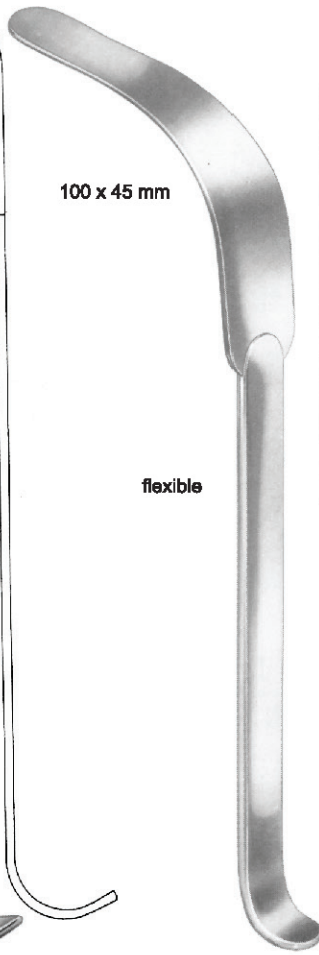


KELLY





KOERTE
OI 16-4524-28
28 cm/11"
rigid



KUMMEL
OI 16-4525-31
31 cm/12 1/4"



KADER
OI 16-4526-20 = 20 mm
OI 16-4526-30 = 30 mm
OI 16-4526-40 = 40 mm
28 cm/11"

Measurements of Spatulas : Depth x Width



RIBBON SPATULAS



TUFFIER
 20 cm/7 1/4"
 OI 16-4527-20
 malleable 17 x 25 mm



OI 16-4528-06 6 x 200 mm
 OI 16-4528-12 12 x 200 mm
 OI 16-4528-17 17 x 200 mm
 OI 16-4528-25 25 x 200 mm
 malleable



OI 16-4529-27 27 x 250 mm
 OI 16-4529-35 35 x 250 mm
 malleable



OI 16-4530-30 30 x 330 mm
 OI 16-4530-40 40 x 330 mm
 OI 16-4530-50 50 x 330 mm
 OI 16-4530-75 75 x 330 mm
 malleable





malleable

HABERER

- OI 16-4531-20 20 cm/7 7/8" 17 x 25 mm
- OI 16-4531-28 28 cm/11" 25 x 30 mm
- OI 16-4531-30 30 cm/11 1/2" 37 x 45 mm



- OI 16-4532-20 6.5 mm
- OI 16-4533-20 9.5 mm
- OI 16-4534-20 13 mm
- OI 16-4535-20 16 mm
- OI 16-4536-20 19 mm
- OI 16-4537-20 25 mm
- 20 cm/7 7/8"

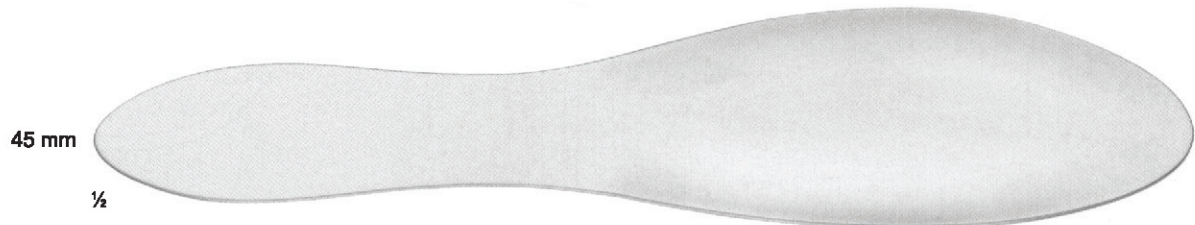


63 mm

45 mm

REVERDIN

- OI 16-4538-28 28.5 cm/11 1/4"
- 63 x 45 mm



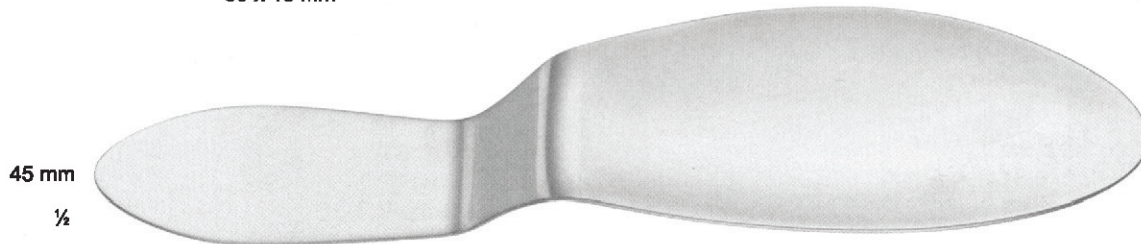
45 mm

60 mm

1/2"

REVERDIN

- OI 16-4539-29 29 cm/11 1/2"
- 60 x 45 mm



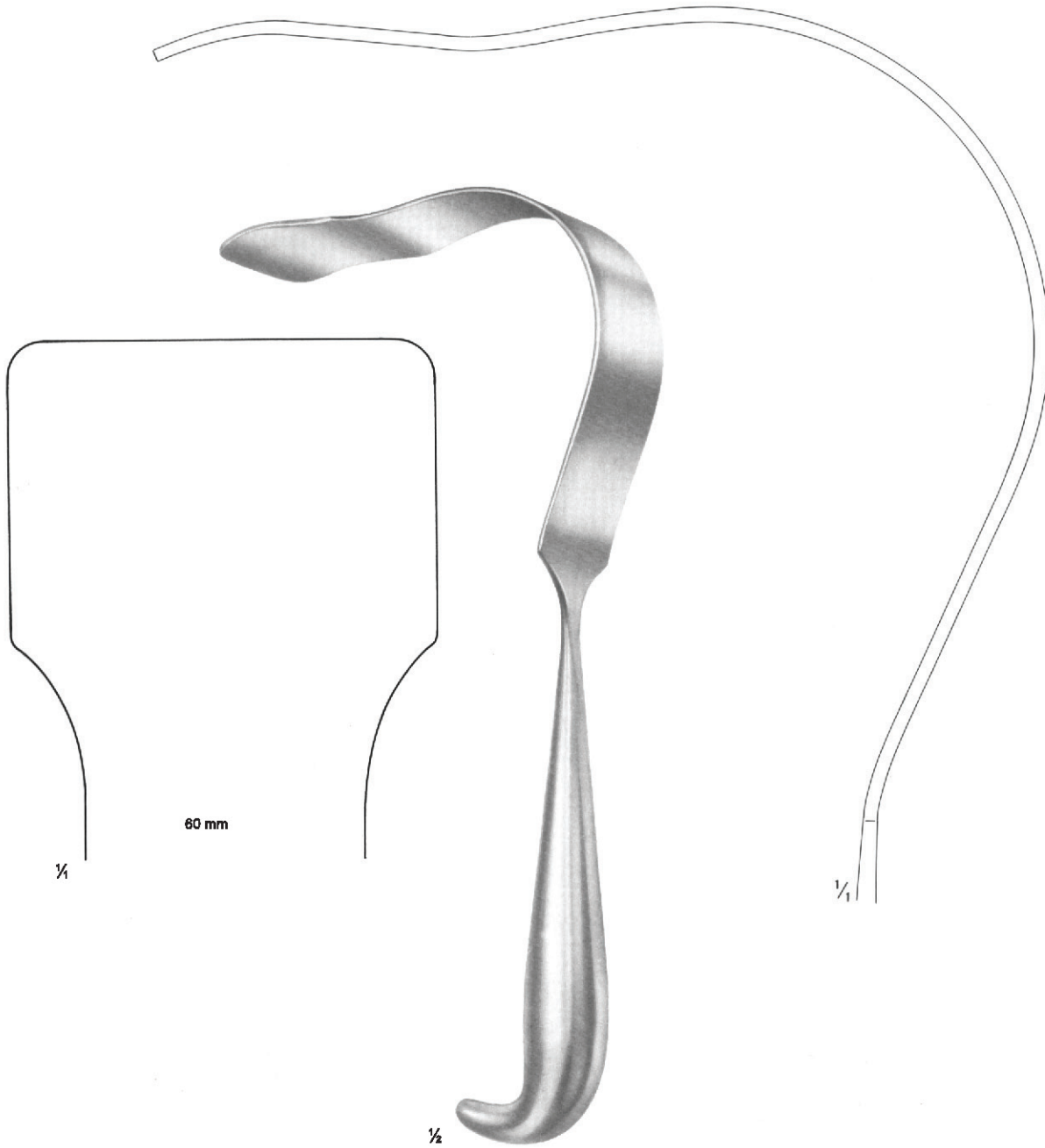
45 mm

60 mm

1/2"

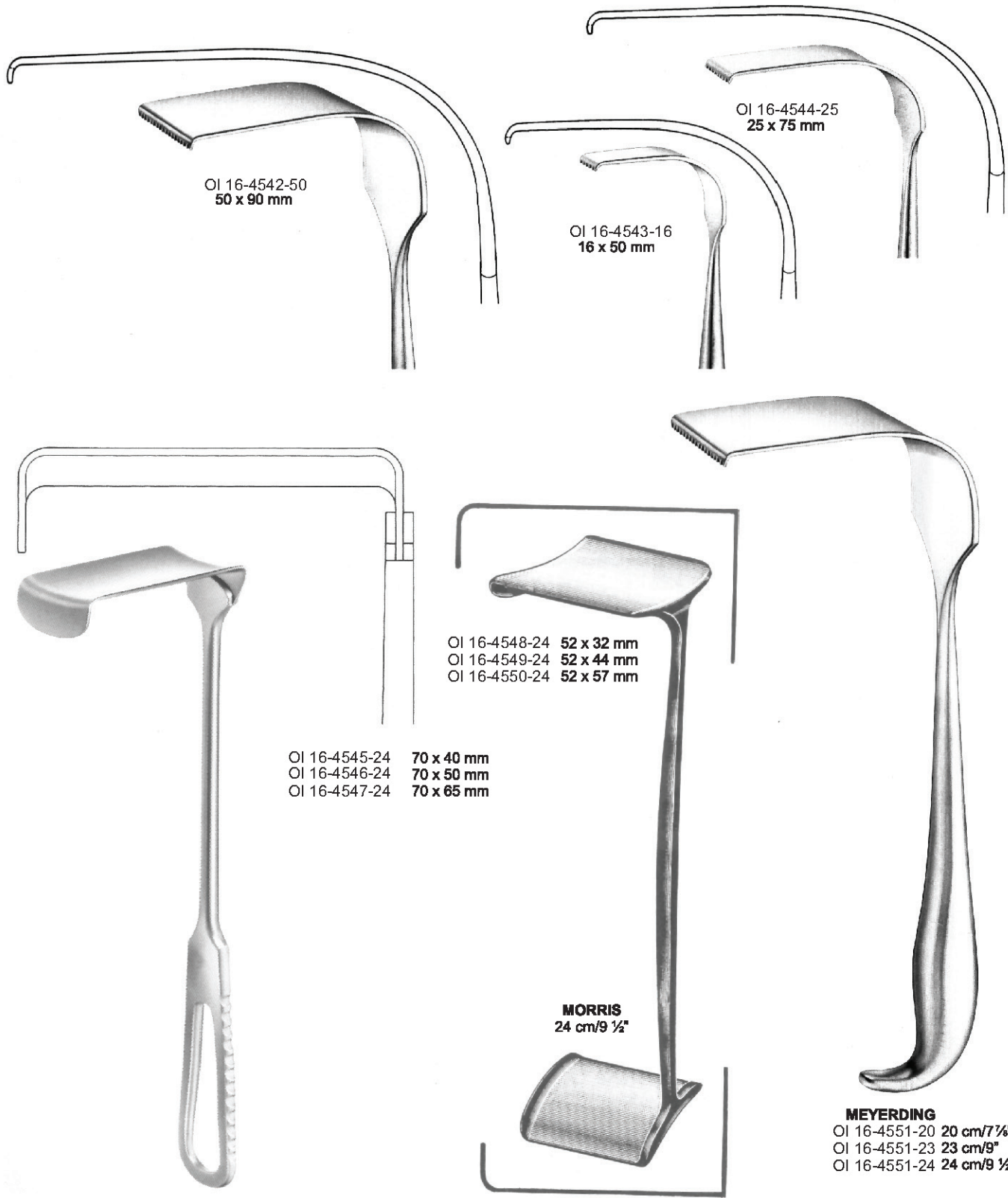
REVERDIN

- OI 16-4540-28 28 cm/11"
- 60 x 45 mm



POLLOSON
OI 16-4541-29
29 cm/11 1/2"

Measurements of retractors: Depth x width



MORRIS
24.5 cm/9 5/8"

MORRIS
24 cm/9 1/2"

MEYERDING
OI 16-4551-20 20 cm/7 1/8"
OI 16-4551-23 23 cm/9"
OI 16-4551-24 24 cm/9 1/2"

Measurements of Spatulas : Depth x Width

30 x 21 mm
 38 x 30 mm

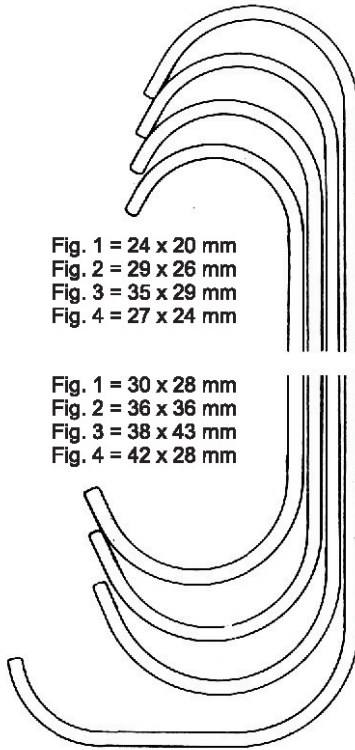
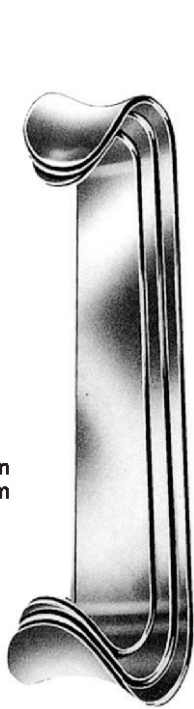


Fig. 1 = 24 x 20 mm
 Fig. 2 = 29 x 26 mm
 Fig. 3 = 35 x 29 mm
 Fig. 4 = 27 x 24 mm

Fig. 1 = 30 x 28 mm
 Fig. 2 = 36 x 36 mm
 Fig. 3 = 38 x 43 mm
 Fig. 4 = 42 x 28 mm

ROUX

- OI 16-4552-01 Set Fig. 1 - 3
- OI 16-4552-14 Fig. 1 14 cm/5 1/2"
- OI 16-4552-15 Fig. 2 15 cm/5 7/8"
- OI 16-4552-17 Fig. 3 17 cm/6 3/4"
- OI 16-4552-18 Fig. 4 18 cm/7 1/8"

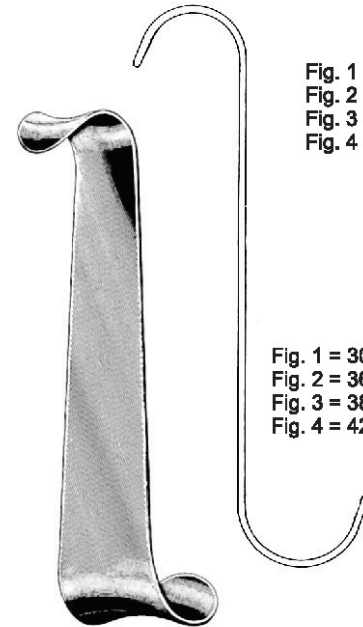


Fig. 1 = 24 x 20 mm
 Fig. 2 = 29 x 26 mm
 Fig. 3 = 35 x 39 mm
 Fig. 4 = 27 x 24 mm

Fig. 1 = 30 x 28 mm
 Fig. 2 = 36 x 36 mm
 Fig. 3 = 38 x 43 mm
 Fig. 4 = 42 x 28 mm

ROUX-MAGNUS

- OI 16-4553-01 Set Fig. 1 - 3
- OI 16-4553-14 Fig. 1 14 cm/5 1/2"
- OI 16-4553-15 Fig. 2 15 cm/5 7/8"
- OI 16-4553-17 Fig. 3 17 cm/6 3/4"
- OI 16-4553-18 Fig. 4 18 cm/7 1/8"

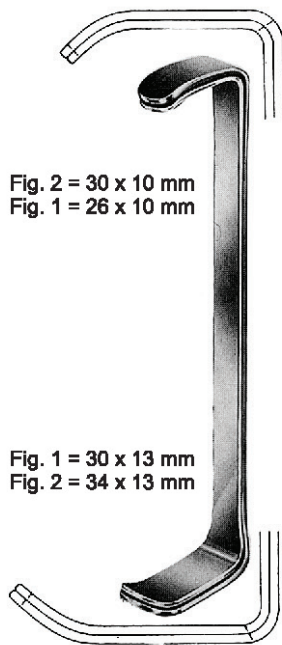


Fig. 2 = 30 x 10 mm
 Fig. 1 = 26 x 10 mm

Fig. 1 = 30 x 13 mm
 Fig. 2 = 34 x 13 mm

FARABEU

- OI 16-4554-11 Set
- OI 16-4555-11 Fig. 1
- OI 16-4556-11 Fig. 2
- 11.5 cm/4 1/2"

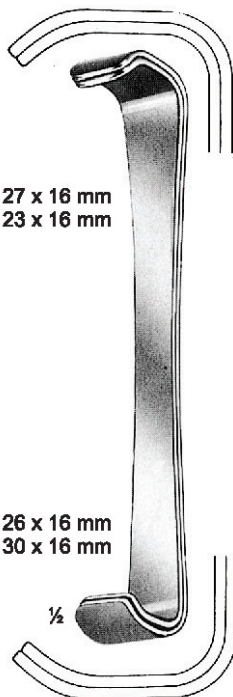
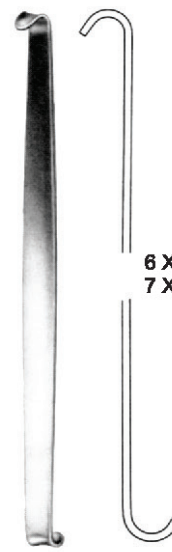


Fig. 2 = 27 x 16 mm
 Fig. 1 = 23 x 16 mm

Fig. 1 = 26 x 16 mm
 Fig. 2 = 30 x 16 mm

FARABEU

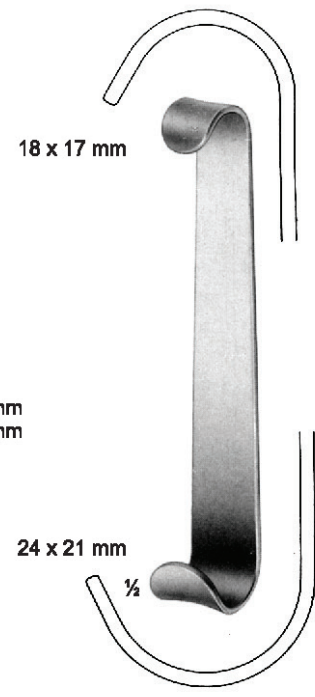
- OI 16-4557-15 Set
- OI 16-4558-15 Fig. 1
- OI 16-4559-15 Fig. 2
- 15 cm/5 7/8"



6 X 7 mm
 7 X 8 mm

MINI-ROUX

- OI 16-4560-14
- 14 cm/5 1/2"



18 x 17 mm

24 x 21 mm

BABY ROUX

- OI 16-4561-13
- 13 cm/5 1/8"





Fig. 2 = 22 x 15 mm
Fig. 1 = 19 x 15 mm

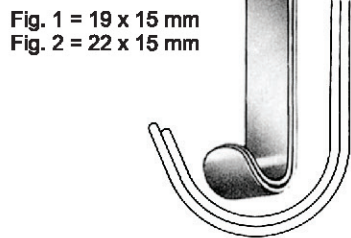


Fig. 1 = 19 x 15 mm
Fig. 2 = 22 x 15 mm

PARKER

OI 16-4562-13 Set
OI 16-4563-13 Fig. 1
OI 16-4564-13 Fig. 2
13.5 cm/5 3/8"

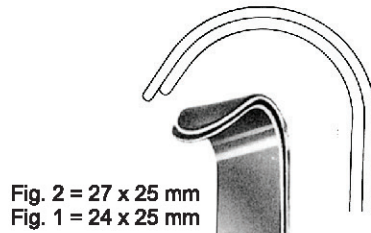


Fig. 2 = 27 x 25 mm
Fig. 1 = 24 x 25 mm

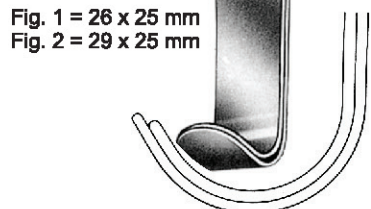


Fig. 1 = 26 x 25 mm
Fig. 2 = 29 x 25 mm

PARKER

OI 16-4565-18 Set
OI 16-4566-18 Fig. 1
OI 16-4567-18 Fig. 2
18 cm/7 1/8"

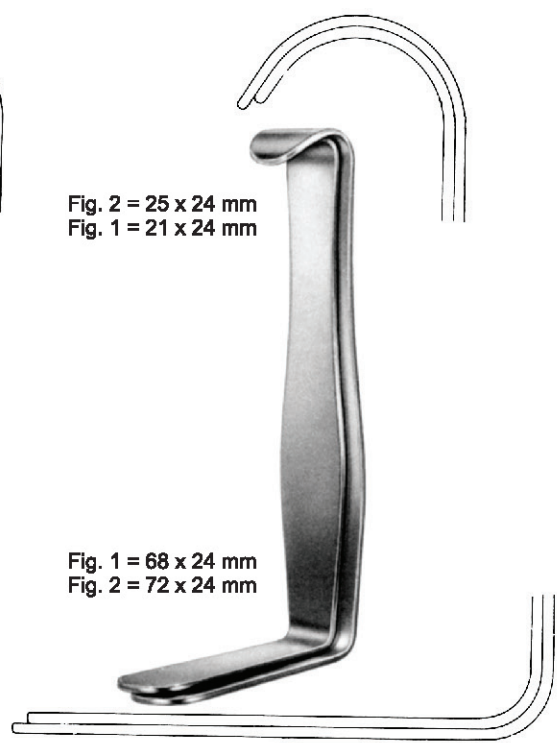


Fig. 2 = 25 x 24 mm
Fig. 1 = 21 x 24 mm

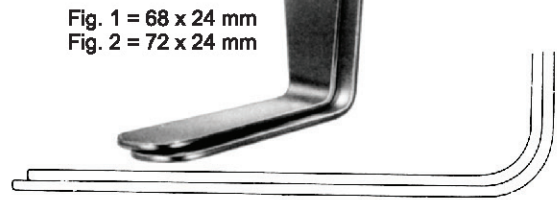


Fig. 1 = 68 x 24 mm
Fig. 2 = 72 x 24 mm

PARKER-MOTT

OI 16-4568-16 Set
OI 16-4569-16 Fig. 1
OI 16-4570-16 Fig. 2
16 cm/6 1/4"

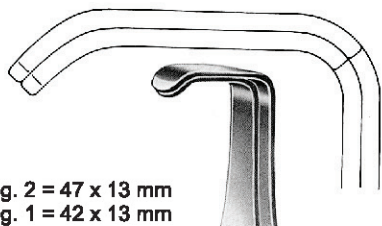


Fig. 2 = 47 x 13 mm
Fig. 1 = 42 x 13 mm

MATHIEU

OI 16-4571-20 Set
OI 16-4572-20 Fig. 1
OI 16-4573-20 Fig. 2
20 cm/7 7/8"

Fig. 1 = 42 x 26 mm
Fig. 2 = 46 x 26 mm

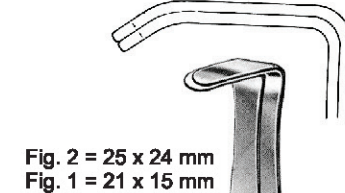
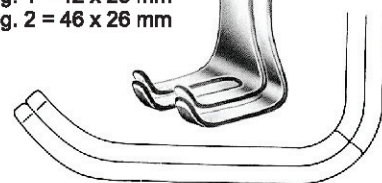
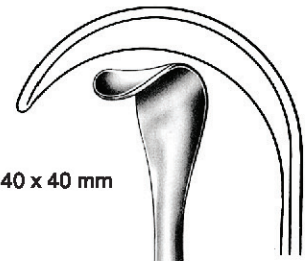


Fig. 2 = 25 x 24 mm
Fig. 1 = 21 x 15 mm

PARKER-LANGENBECK

OI 16-4574-21 Set
OI 16-4575-21 Fig. 1
OI 16-4576-21 Fig. 2
21 cm/8 1/4"

Fig. 1 = 40 x 15 mm
Fig. 2 = 45 x 15 mm

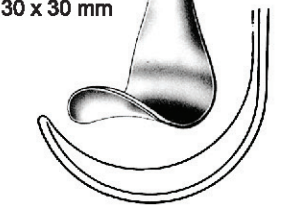


40 x 40 mm

GOELET

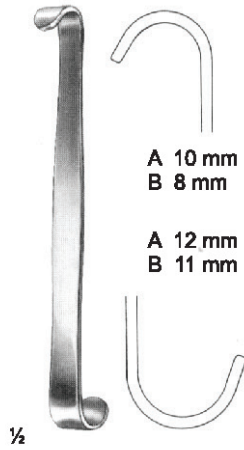
OI 16-4577-19
19 cm/7 1/2"

30 x 30 mm

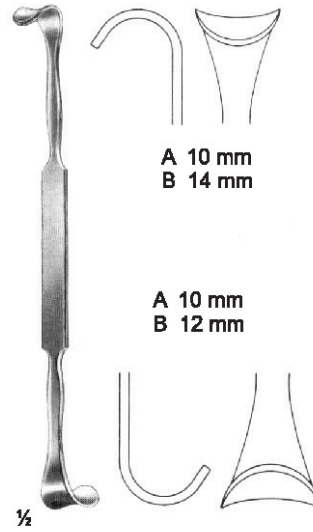




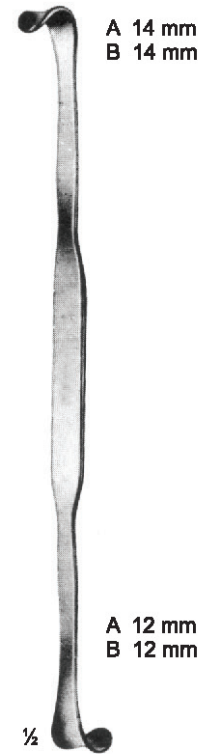
½
CRILE
 OI 16-4578-11
 11 cm/4 ¾"



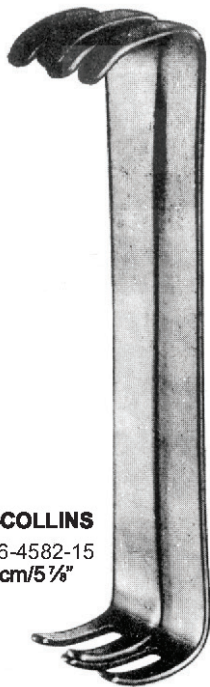
½
LUER
 OI 16-4579-11
 11 cm/4 ¾"



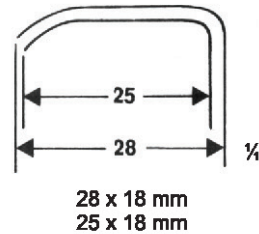
½
ROSE
 OI 16-4580-13
 13 cm/5 ¼"



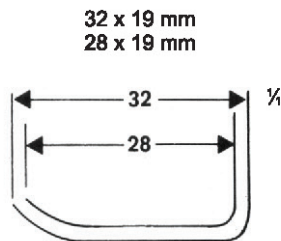
½
ROSE
 OI 16-4581-19
 19.5 cm/7 ½"



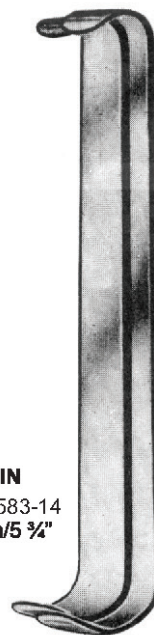
MAYO-COLLINS
 OI 16-4582-15
 15 cm/5 ¾"



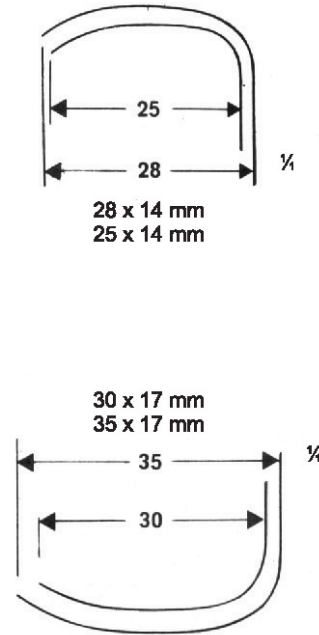
28 x 18 mm
 25 x 18 mm



32 x 19 mm
 28 x 19 mm



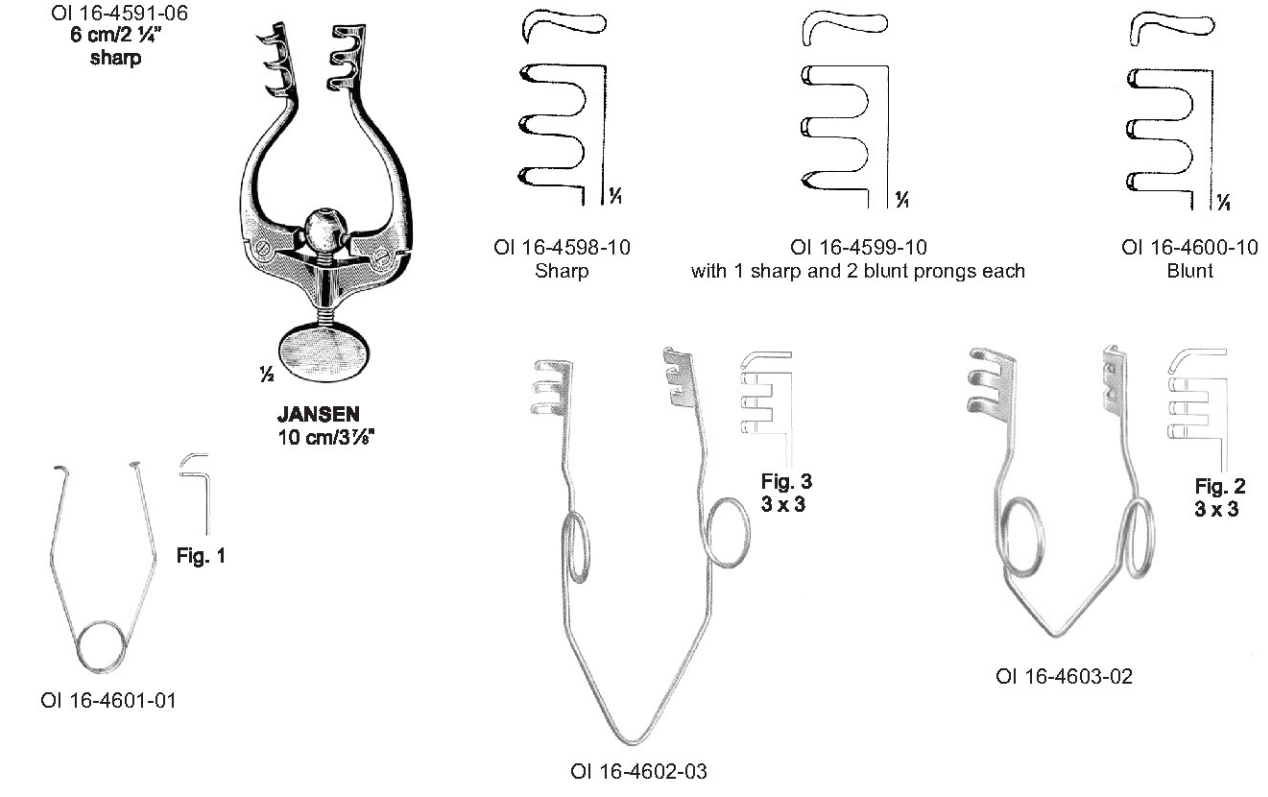
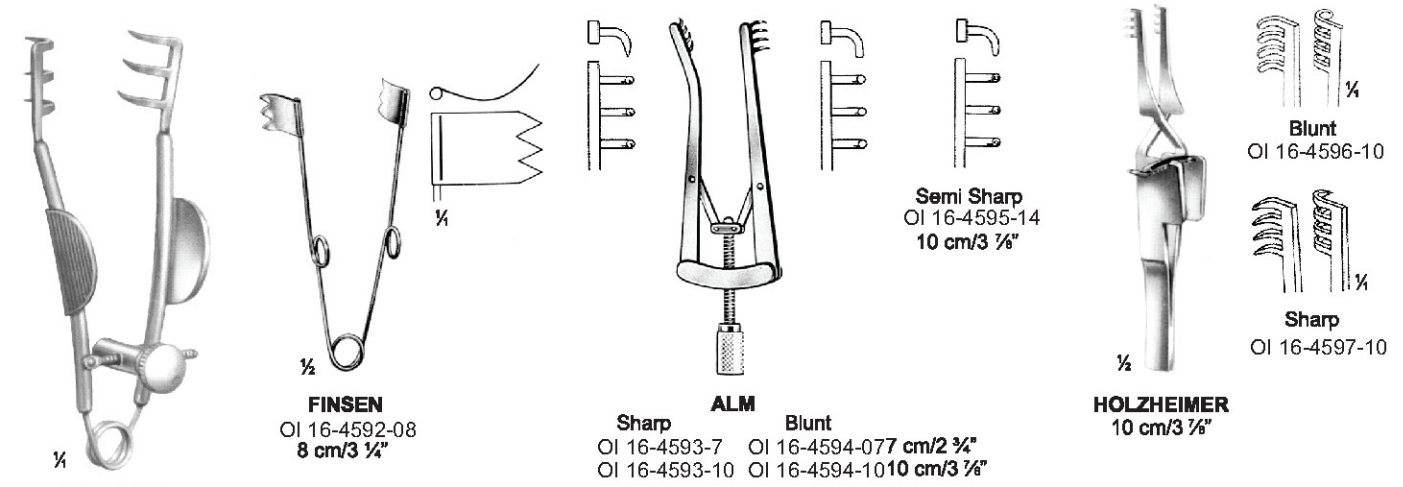
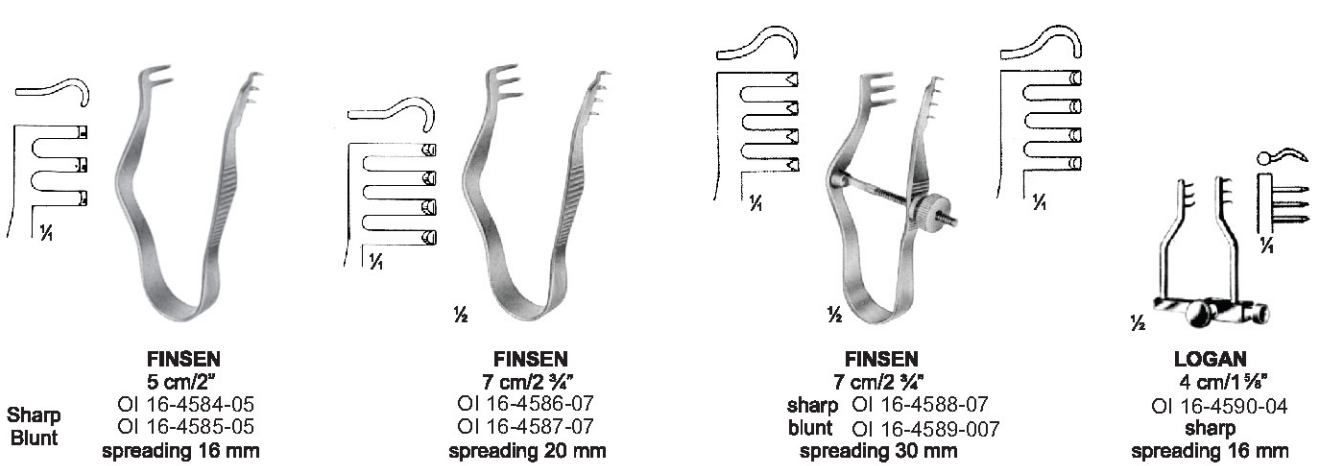
COLLIN
 OI 16-4583-14
 14.5 cm/5 ¾"



28 x 14 mm
 25 x 14 mm

30 x 17 mm
 35 x 17 mm







WEITLANER
 2 : 2

OI 16-4604-13 sharp
 OI 16-4605-13 blunt
 13.5 cm/5 1/2"



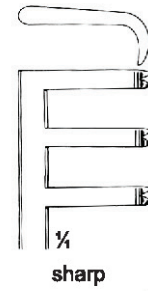
WEITLANER
 2 : 2

OI 16-4606-13 semi sharp
 13.5 cm/5 1/2"

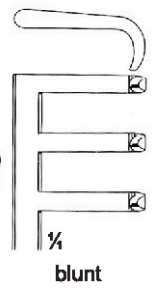


WEITLANER
 2 : 3

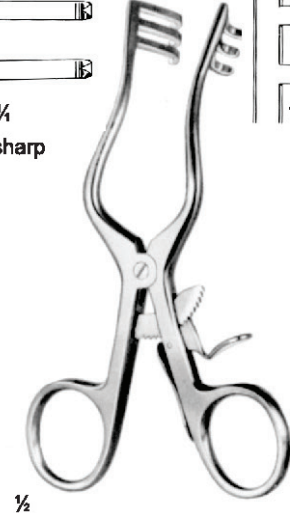
OI 16-4607-10 sharp
 OI 16-4608-10 blunt
 10.5 cm/4 1/8"



1/4 sharp



1/4 blunt

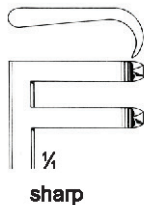


WEITLANER
 3 : 4

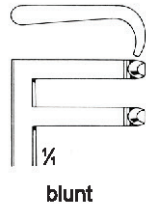
OI 16-4609-13 13 cm/5 1/8" sharp
 OI 16-4610-13 13 cm/5 1/8" blunt
 OI 16-4611-16 16.5 cm/6 1/2" sharp
 OI 16-4512-16 16.5 cm/6 1/2" blunt

WEITLANER-WULLSTEIN
 3 : 3

OI 16-4613-13 sharp
 OI 16-4614-13 blunt
 13 cm/5 1/8"



1/4 sharp

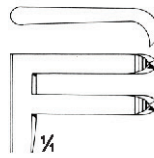


1/4 blunt

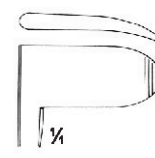


PLESTER

OI 16-4615-13 sharp
 OI 16-4616-13 blunt
 13 cm/5 1/8"



1/4



1/4



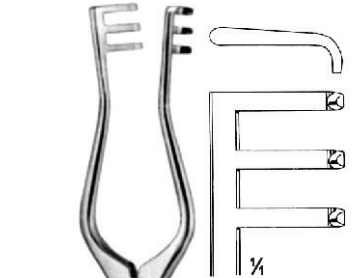
PLESTER
 Blunt

OI 16-4617-10
 10.5 cm/4 1/8"

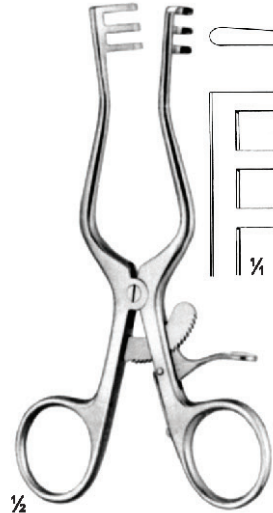


PLESTER
 Blunt

OI 16-4618-10
 10.5 cm/4 1/8"

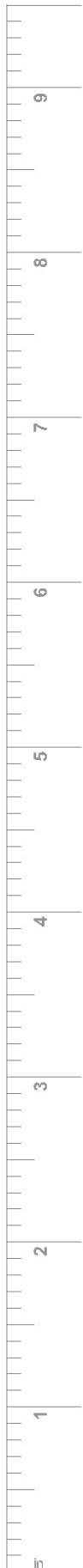


1/4

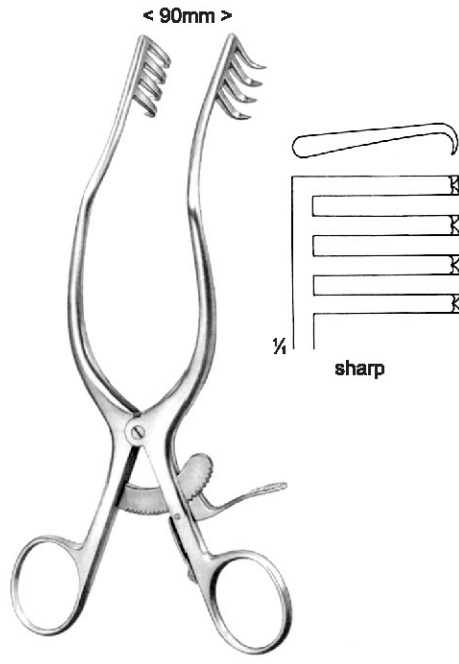


MILLIGAN
 Blunt

OI 16-4619-13
 13.5 cm/5 1/8"



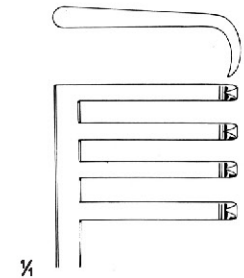
Measurements of Retractors : Depth x Width



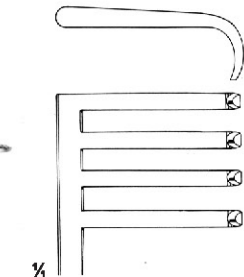
ANDERSON - ADSON
4 : 4
OI 16-4620-19
19 cm / 7 1/2"



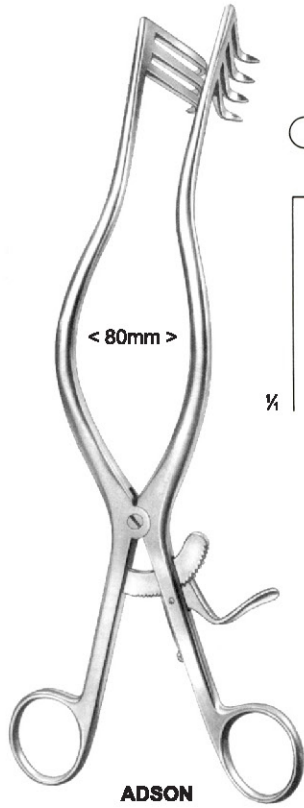
WEITLANER
3 : 4



OI 16-4621-20
20 cm / 7 7/8"
sharp

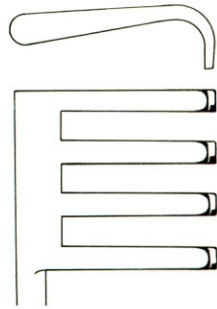


OI 16-4622-20
20 cm / 7 7/8"
blunt

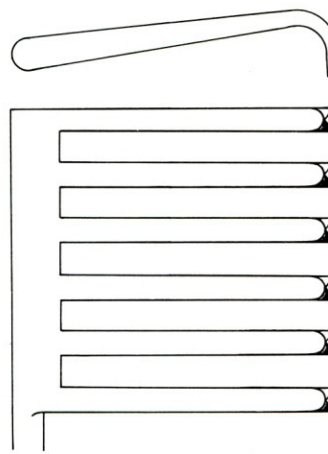


ADSON

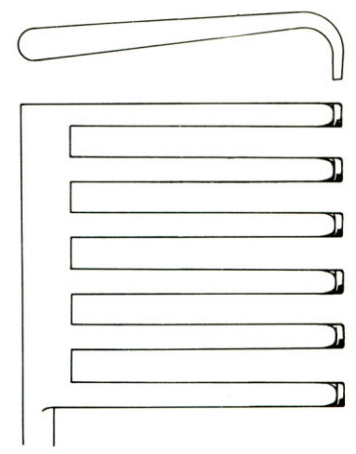
sharp
3 : 4 teeth
OI 16-4623-26
26 cm / 10 1/4"



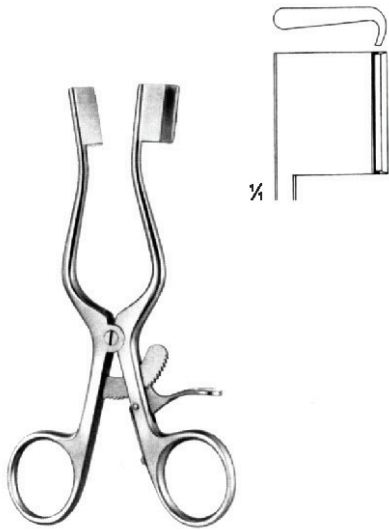
blunt
3 : 4 teeth
OI 16-4624-26
26 cm / 10 1/4"



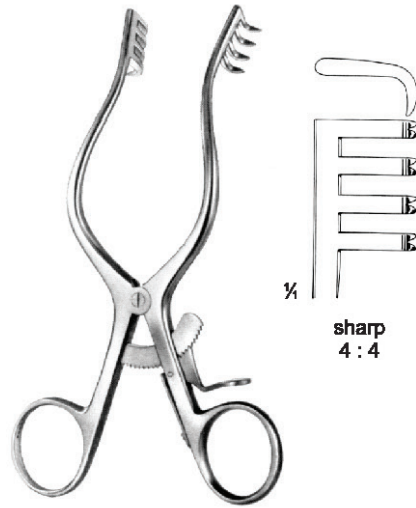
sharp
6 : 6 teeth
OI 16-4625-29
29 cm / 11 1/2"



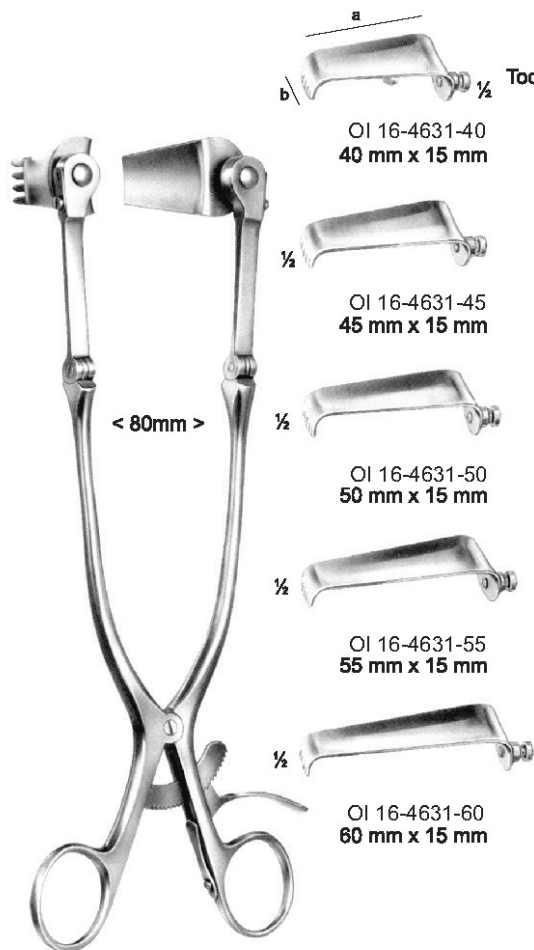
blunt
6 : 6 teeth
OI 16-4626-29
29 cm / 11 1/2"



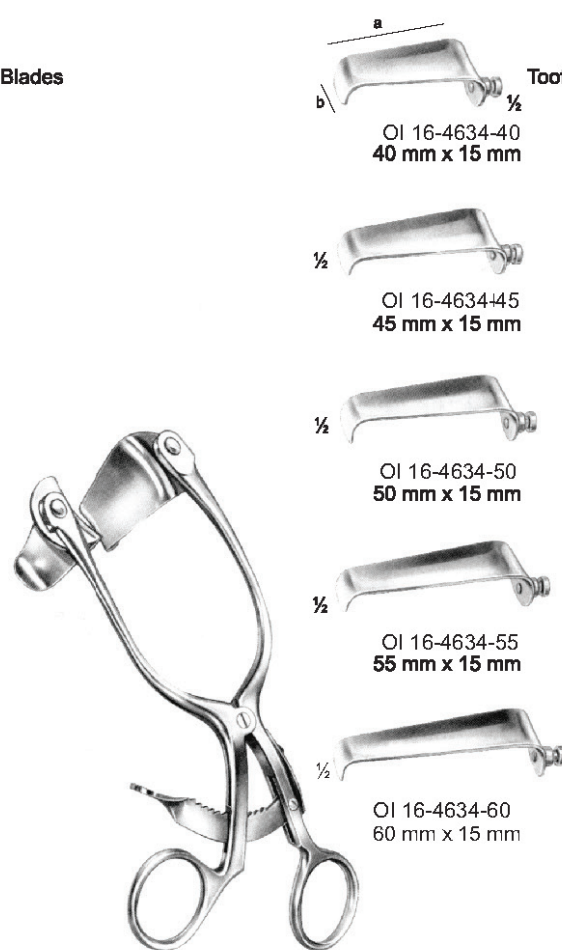
WEITLANER-BABY
 OI 16-4627-13
 13.5 cm/5 3/8"



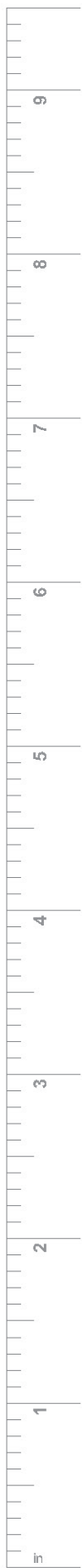
MOLLISON
 OI 16-4628-15
 15.5 cm/6 1/8"



CLOWARD
 OI 16-4629-25 - Retractor complete (with 2 blades ea.)
 OI 16-4630-25 - Retractor only
 25 cm/9 7/8"



CLOWARD
 OI 16-4632-16 - Retractor complete (with 2 blades ea.)
 OI 16-4633-16 - Retractor only
 16 cm/6 1/4"

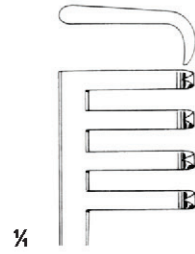




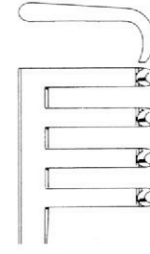
ADSON

sharp

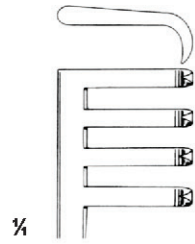
blunt



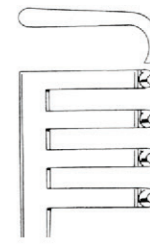
OI 16-4635-13
13.5 cm/5 3/8"
3 : 4



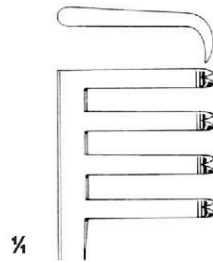
OI 16-4636-13
13.5 cm/5 3/8"
3 : 4



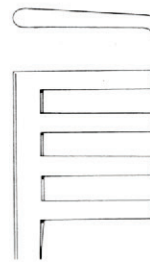
OI 16-4637-16
16.5 cm/6 1/2"
3 : 4



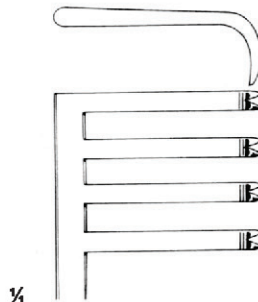
OI 16-4638-16
16.5 cm/6 1/2"
3 : 4



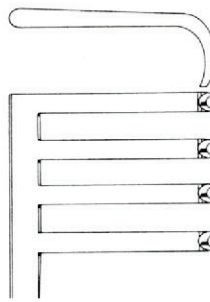
OI 16-4639-21
21 cm/8 1/4"
3 : 4



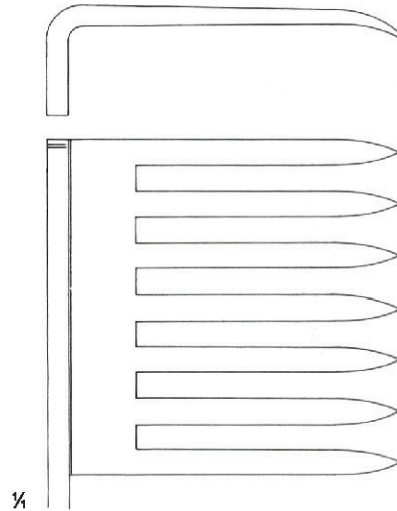
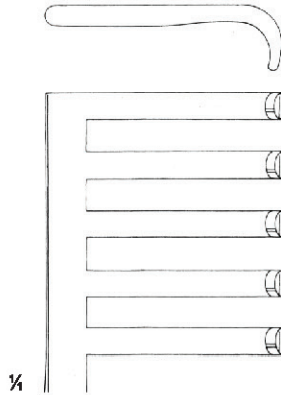
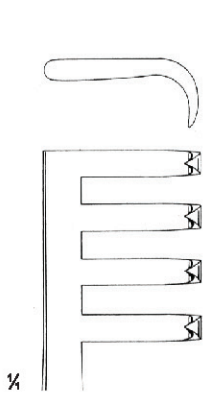
OI 16-4640-21
21 cm/8 1/4"
3 : 4



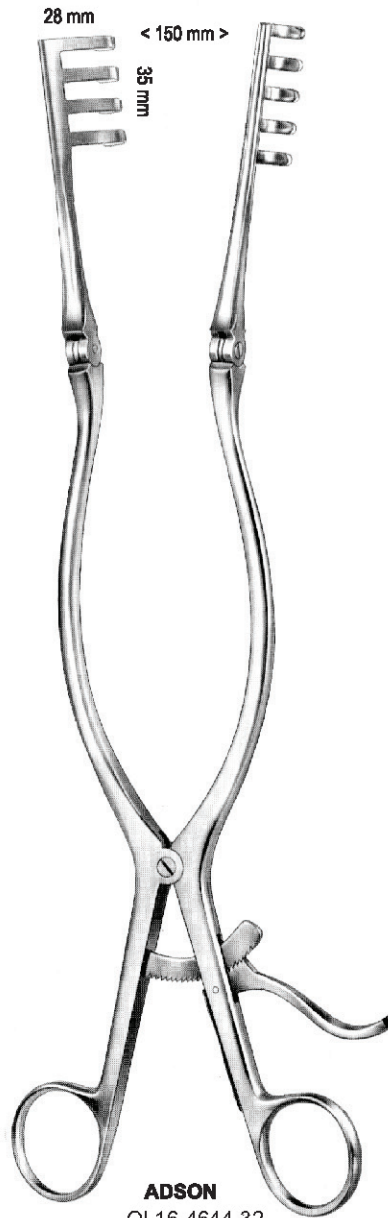
OI 16-4641-24
24.5 cm/9 5/8"
3 : 4



OI 16-4642-24
24.5 cm/9 5/8"
3 : 4



BECKMANN
 OI 16-4643-31
 31 cm/12 1/4"
 4 : 4
 sharp



ADSON
 OI 16-4644-32
 32 cm/12 1/2"
 4 : 5
 blunt



BECKMANN-EATON
 OI 16-4645-32
 32 cm/12 1/2"
 7 : 7
 Sharp

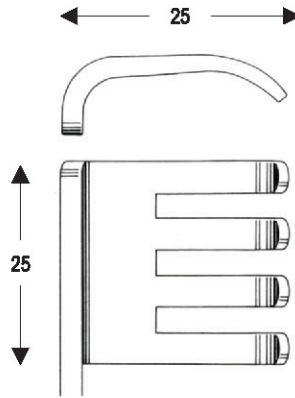
Measurements of retractors: Depth x Width



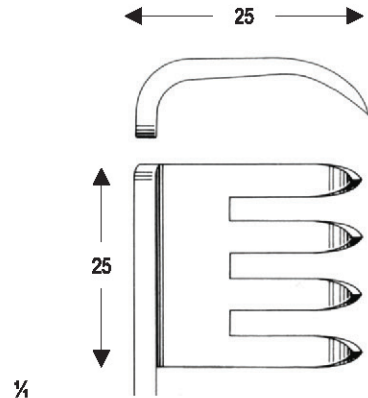


½

BECKMAN-ADSON
30.5 cm/12"
4 : 4

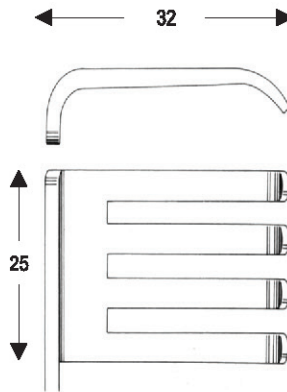


OI 16-4646-30
blunt

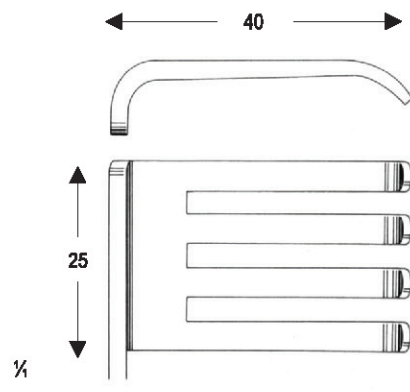


¼

OI 16-4647-30
sharp

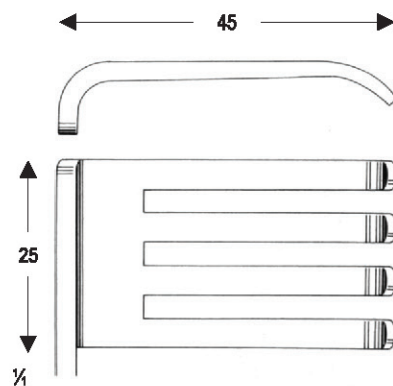


OI 16-4648-30
blunt



¼

OI 16-4649-30
blunt

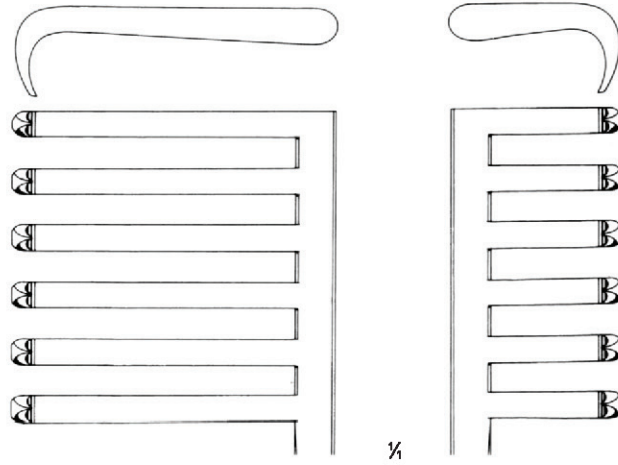


¼

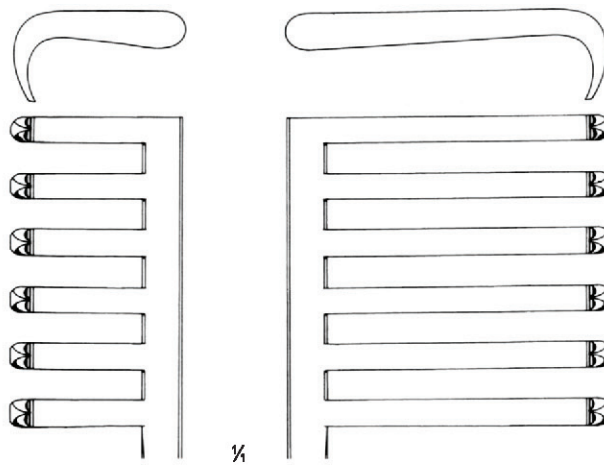
OI 16-4650-30
blunt



28.5 cm/11 1/4"
 6 : 6



OI 16-4651-28
 Sharp, long teeth on left side

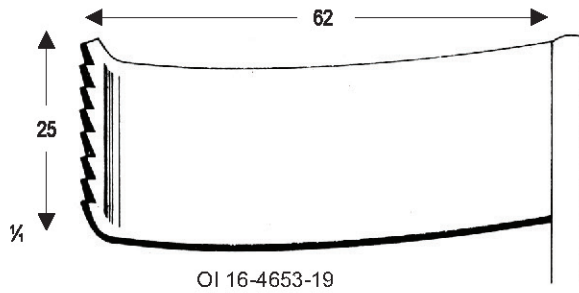


OI 16-4652-28
 Sharp, long teeth on right side

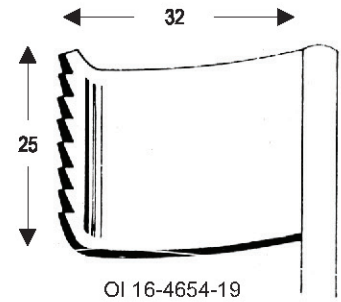




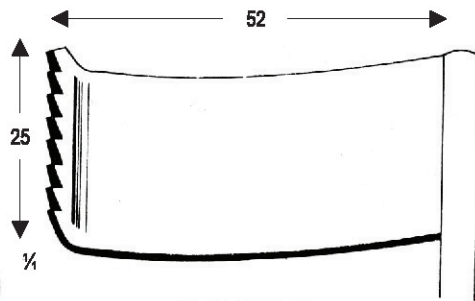
MEYERDING
19 cm / 7 1/2"



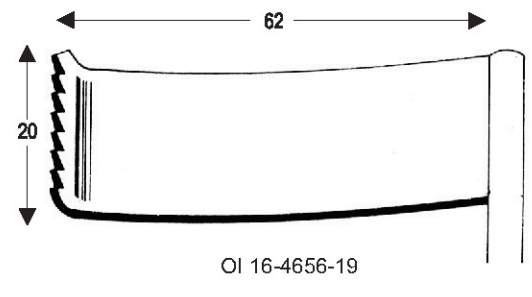
OI 16-4653-19



OI 16-4654-19



OI 16-4655-19



OI 16-4656-19

Measurements of retractors: Depth x Width

Lateral Blade
 25 x 50 mm

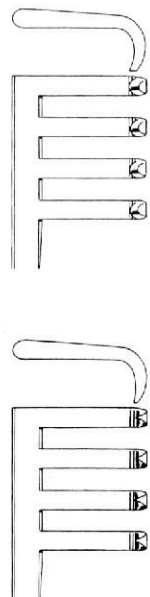


MARKHAM-MEYERDING
 OI 16-4657-18
 18 cm/7 1/8"

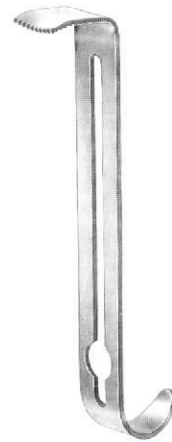
Lateral Blade
 25 x 50 mm



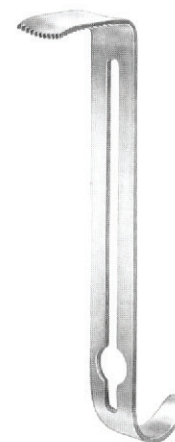
MARKHAM-MEYERDING
 OI 16-4658-18
 18 cm/7 1/8"



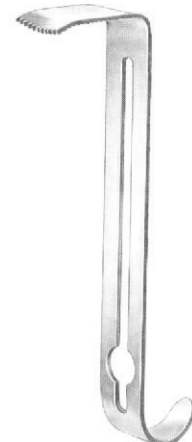
HENLEY
 16 cm/6 1/4"



OI 16-4659-16
 19 x 16 mm



OI 16-4660-16
 25 x 16 mm



OI 16-4661-16
 32 x 16 mm

Measurements of retractors: Depth x Width





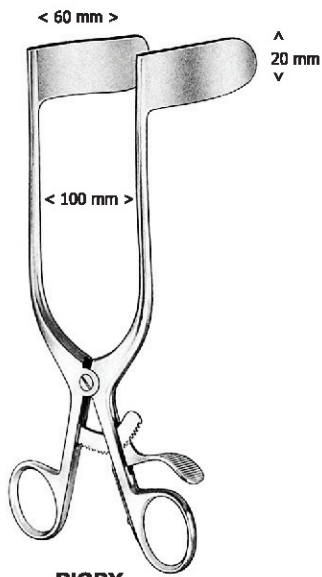
GELPI

- OI 16-4662-09 9 cm/3 1/2"
- OI 16-4662-11 11 cm/4 3/8"
- OI 16-4662-13 13 cm/5 1/8"
- OI 16-4662-14 14 cm/5 1/2"
- OI 16-4662-16 16 cm/6 1/4"
- OI 16-4662-18 18 cm/7 1/8"

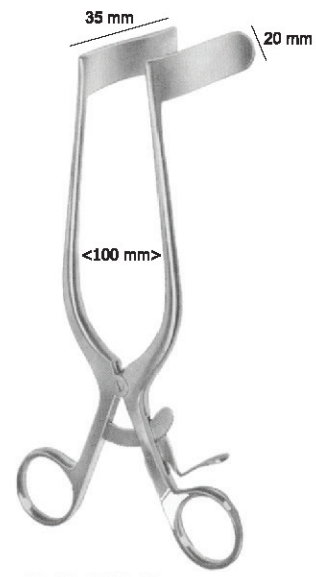


GELPI-LOKTITE

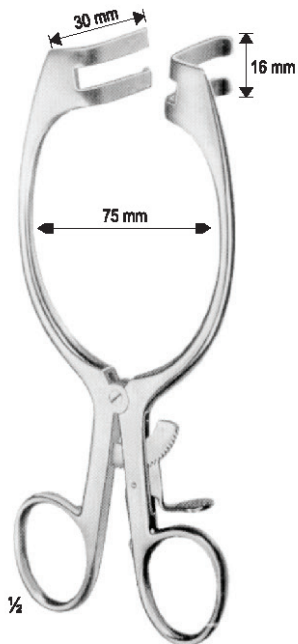
- OI 16-4663-09 9 cm/3 1/2"
- OI 16-4663-11 11 cm/4 3/8"
- OI 16-4663-13 13 cm/5 1/8"
- OI 16-4663-14 14 cm/5 1/2"
- OI 16-4663-16 16 cm/6 1/4"
- OI 16-4663-18 18 cm/7 1/8"



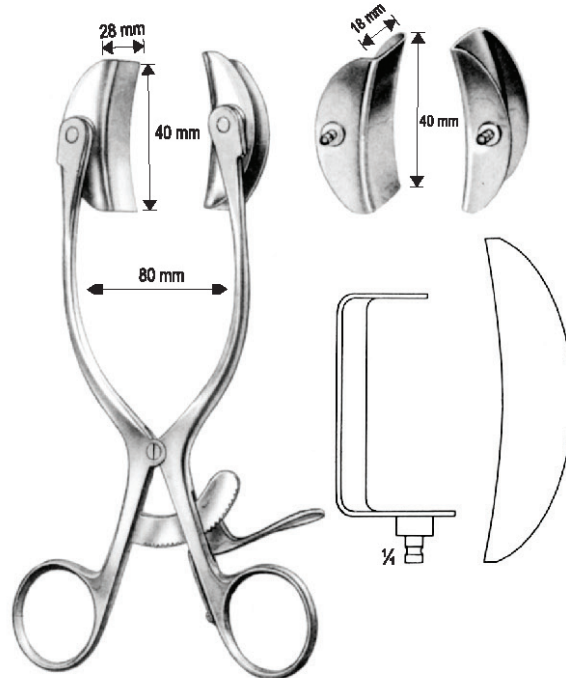
RIGBY
OI 16-4664-19
(Rectum, Vagina)
19 cm/7 1/2"



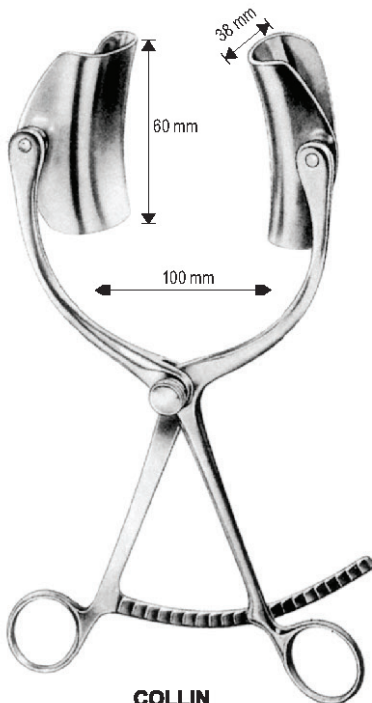
OL16-4665-18
18 cm/7 1/8"



MAYO-ADAMS
 OI 16-4666-16
 16.5 cm/6 1/2"



BABY-COLLIN complete, with 2 pairs of exchangeable blades
 OI 16-4667-00



COLLIN
 OI 16-4668-38



Measurements see below

Exchangeable Blades

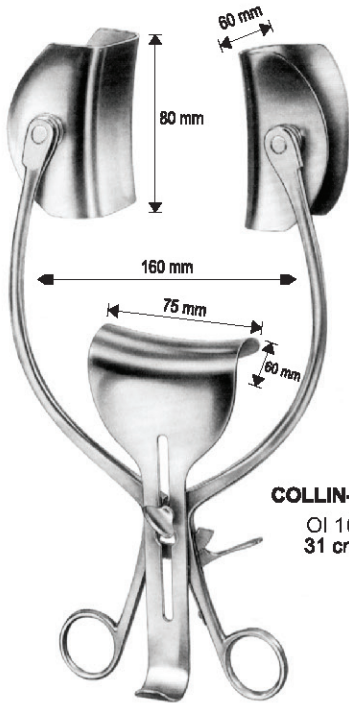
COLLIN
 OI 16-4669-38 Lateral Blades Central Blades
 OI 16-4670-38 38 x 60 mm / 38 x 55 mm
 38 x 80mm / 50 x 75mm

Measurements of retractors: Depth x Width



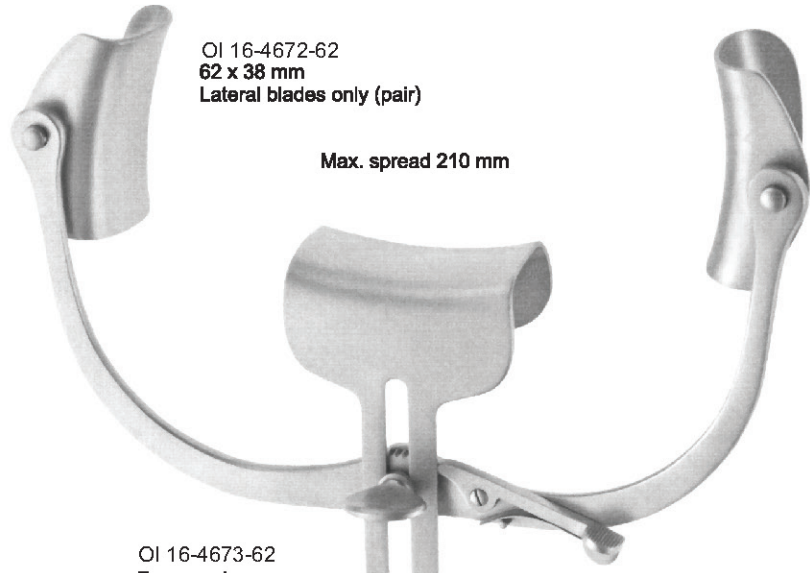


Exchangeable Blades



COLLIN-LOCKTITE

OI 16-4671-31
31 cm 12 1/4"

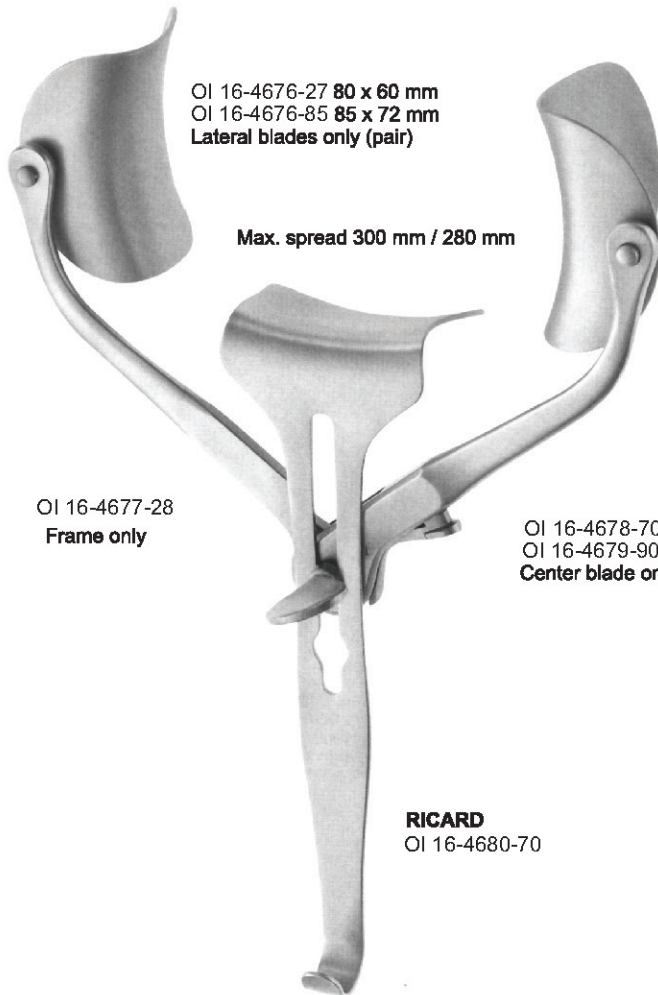


OI 16-4672-62
62 x 38 mm
Lateral blades only (pair)

Max. spread 210 mm

OI 16-4673-62
Frame only

OI 16-4674-64
64 x 40 mm
Center blade only



OI 16-4676-27 80 x 60 mm
OI 16-4676-85 85 x 72 mm
Lateral blades only (pair)

Max. spread 300 mm / 280 mm

OI 16-4677-28
Frame only

OI 16-4678-70 70 x 55 mm
OI 16-4679-90 90 x 80 mm
Center blade only

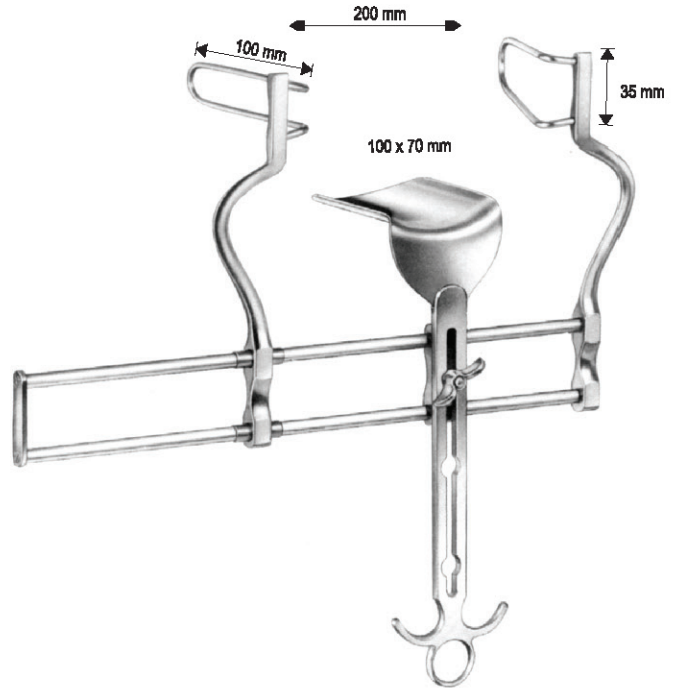
ROBIN-MASSE
OI 16-4675-64

RICARD
OI 16-4680-70

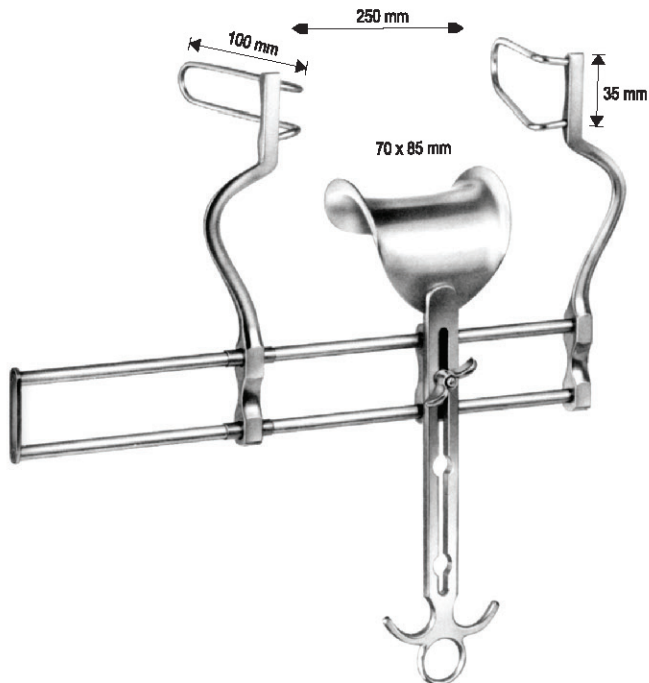
Measurements of retractors: Depth x Width



BALFOUR
 OI 16-4681-20
 20 cm / 7 7/8"



BALFOUR
 OI 16-4682-20



BALFOUR
 OI 16-4683-00

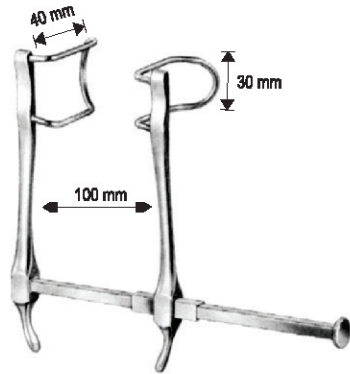
Centre Blade only



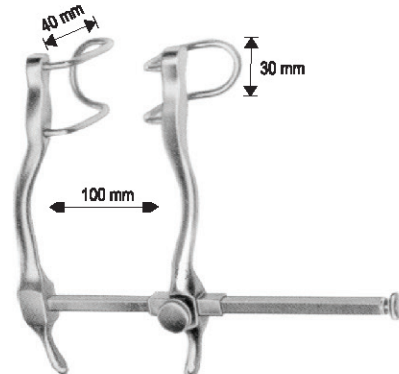
BALFOUR
 OI 16-4684-45 = 45 X 80 mm
 OI 16-4684-70 = 70 X 85 mm
 OI 16-4684-80 = 80 X 90 mm

Measurements of retractors: Depth x Width

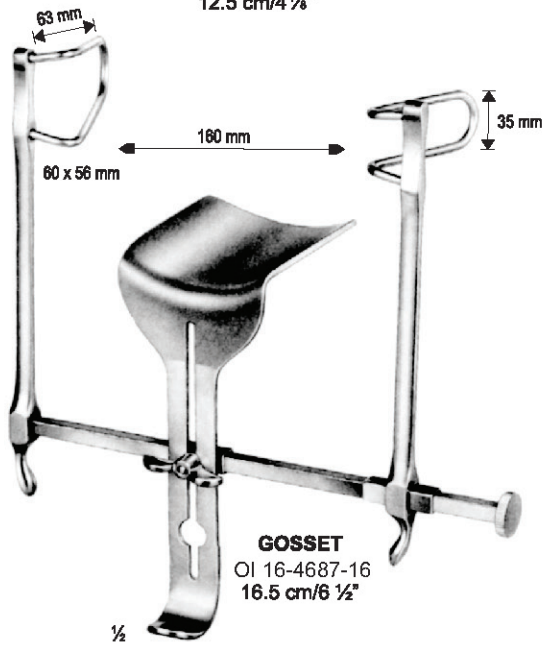




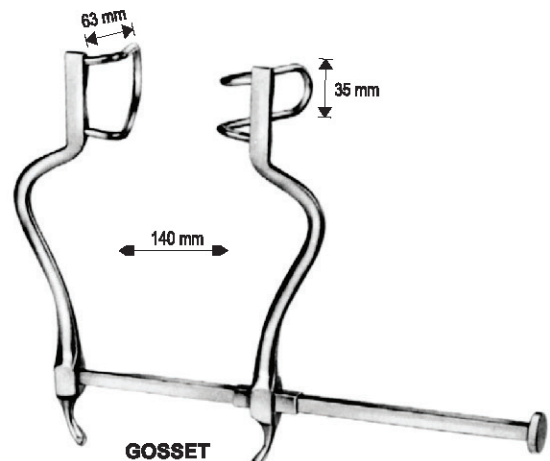
GOSSET-BABY
OI 16-4685-12
12.5 cm/4 7/8"



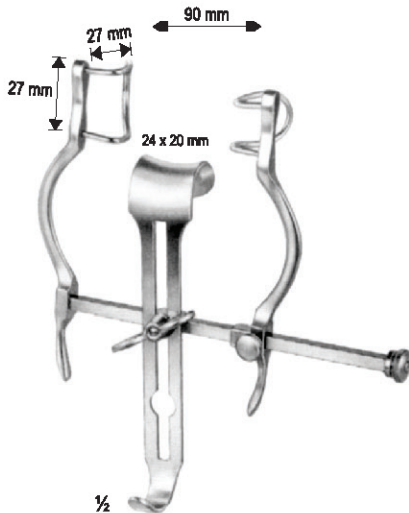
GOSSET
OI 16-4686-12



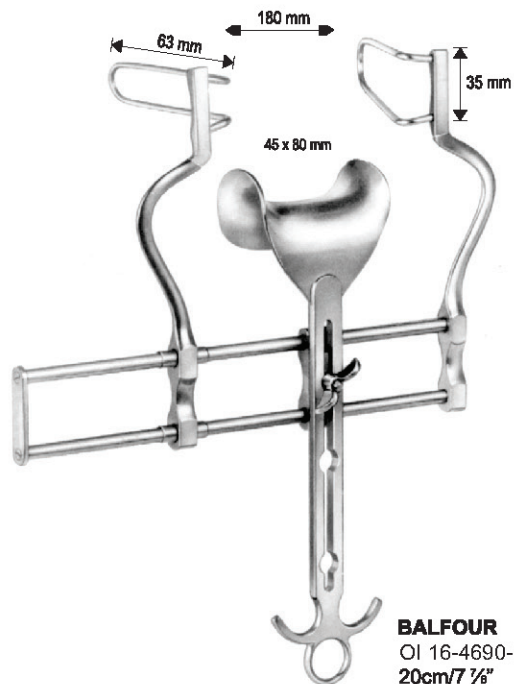
GOSSET
OI 16-4687-16
16.5 cm/6 1/2"



GOSSET
OI 16-4688-18
18.5cm/7 1/4"

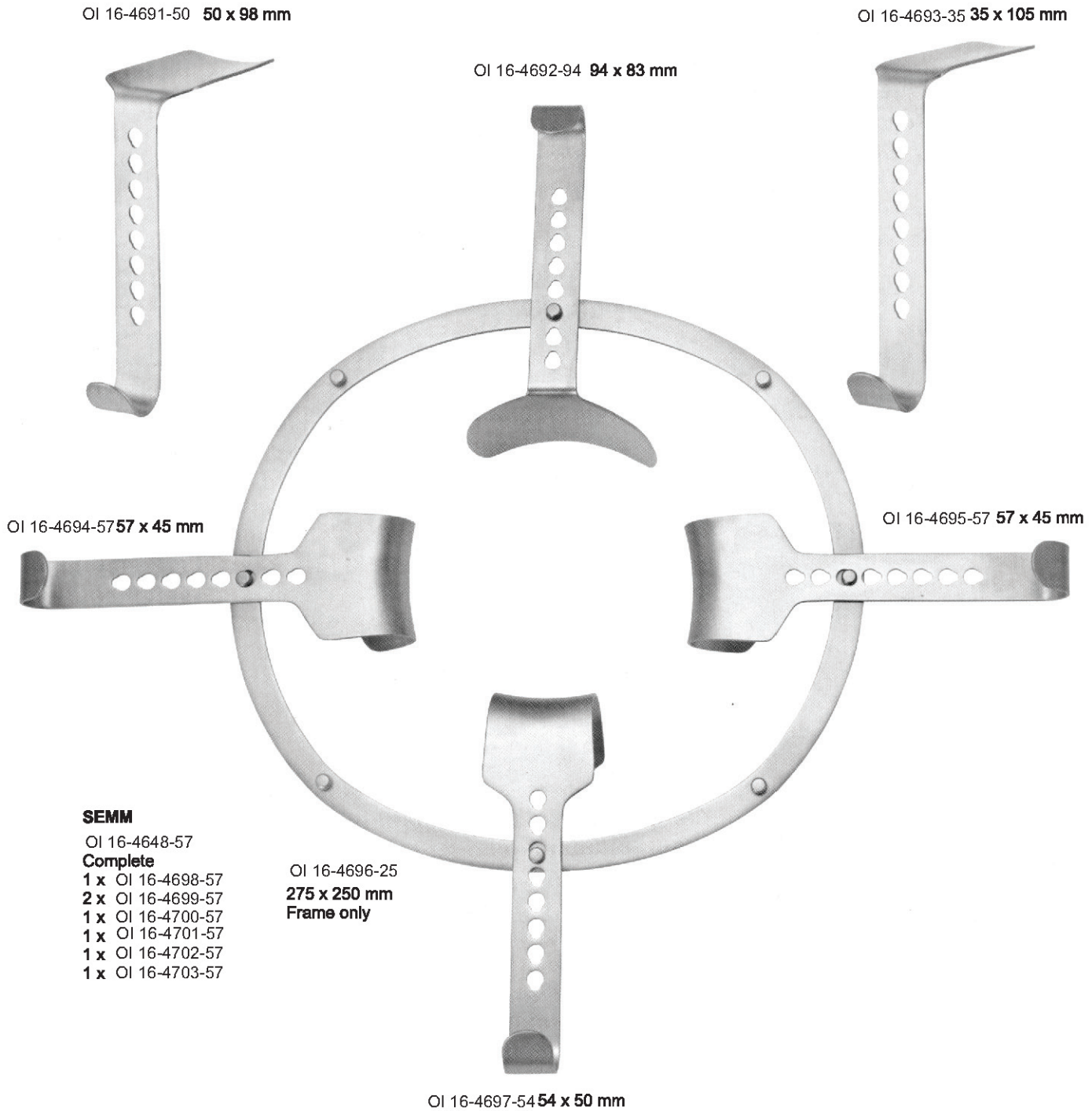


BALFOUR-BABY
OI 16-4689-12
12.5cm/4 7/8"



BALFOUR
OI 16-4690-20
20cm/7 7/8"

Measurements of retractors: Depth x Width



SEMM

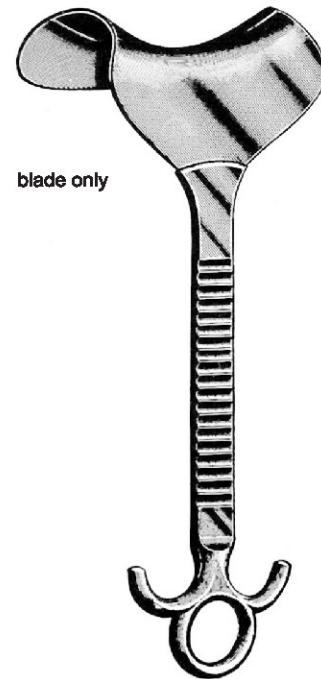
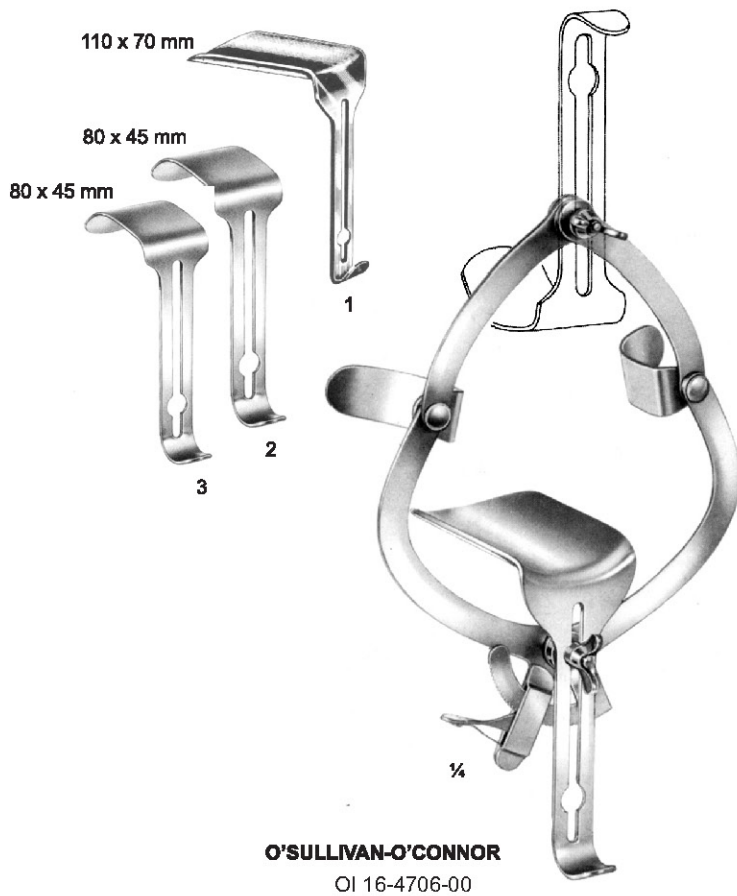
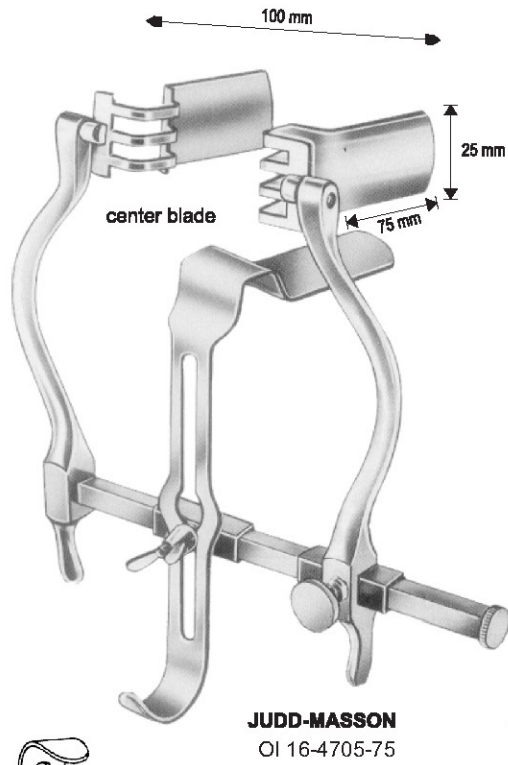
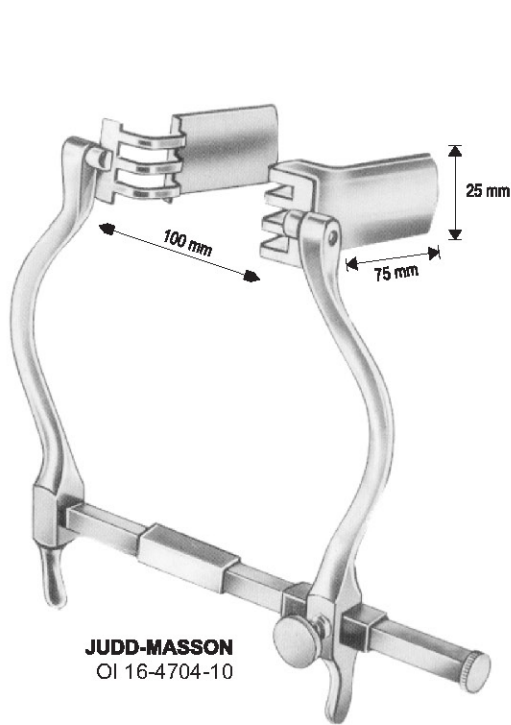
OI 16-4648-57

Complete

- 1 x OI 16-4698-57
- 2 x OI 16-4699-57
- 1 x OI 16-4700-57
- 1 x OI 16-4701-57
- 1 x OI 16-4702-57
- 1 x OI 16-4703-57

OI 16-4696-25
275 x 250 mm
Frame only

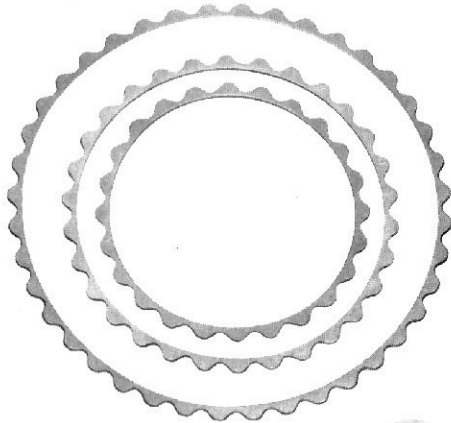
Measurements of retractors: Depth x Width



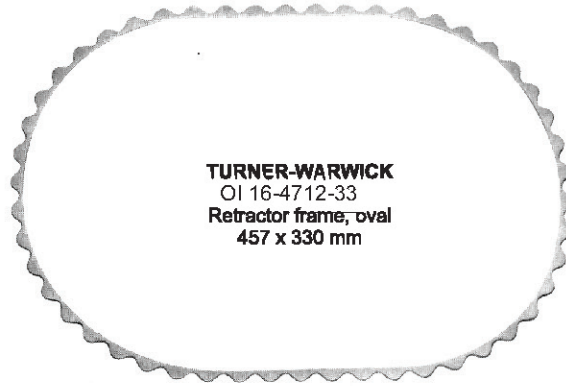
- DOYEN**
OI 16-4707-55 55 x 95 mm
OI 16-4708-55 55 x 105 mm
OI 16-4709-55 55 x 115 mm
OI 16-4710-55 55 x 125 mm

Measurements of retractors: Depth x Width

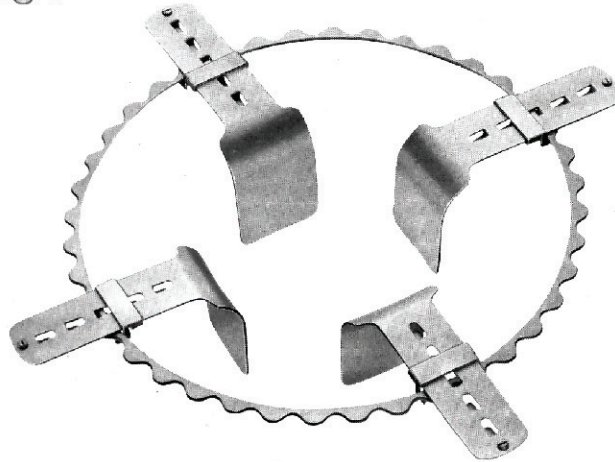




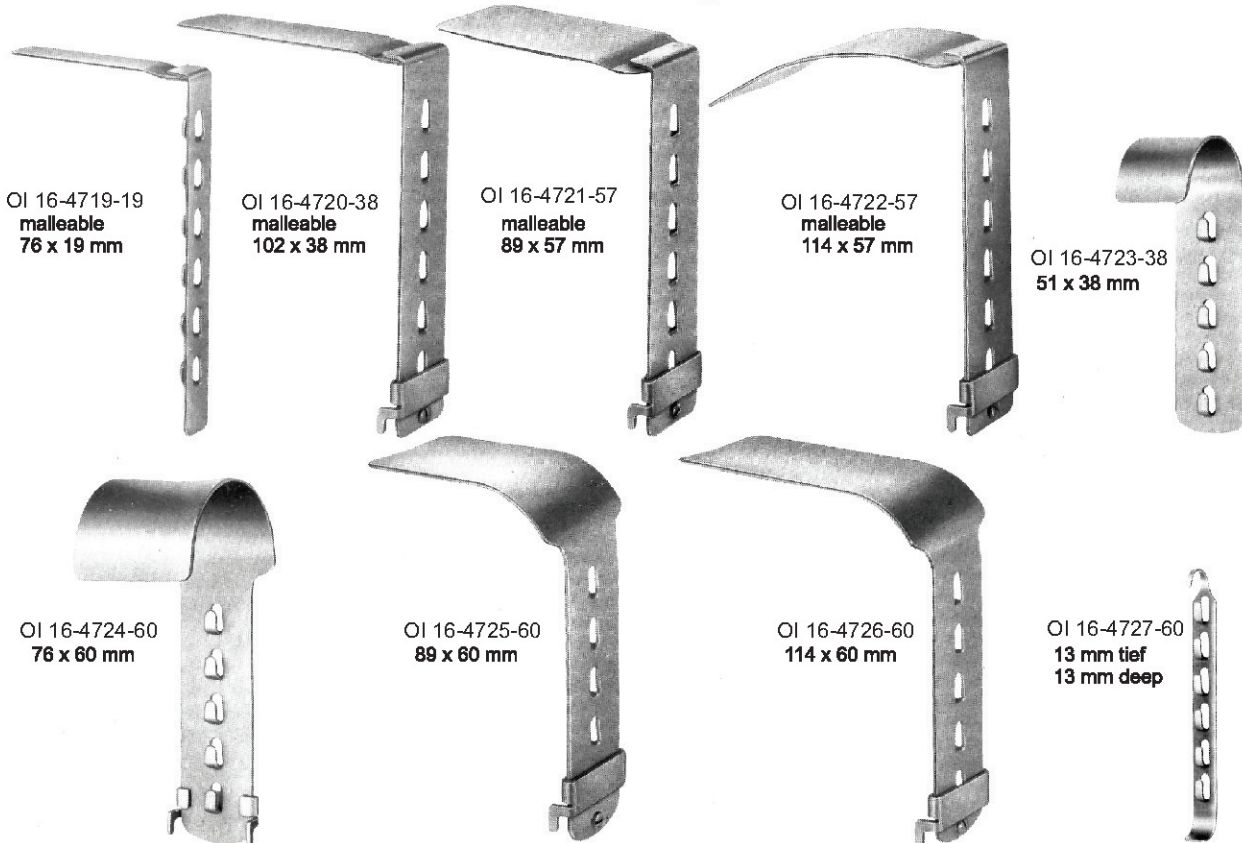
TURNER-WARWICK
 Retractor frame, round
 OI 16-4711-18 Ø 18 cm/7 1/8"
 OI 16-4711-23 Ø 23cm/9"
 OI 16-4711-30 Ø 30.5cm/12"



TURNER-WARWICK
 OI 16-4712-33
 Retractor frame, oval
 457 x 330 mm



TURNER-WARWICK
 OI 16-4713-33
 Abdominal retractor, complete
 consisting of
 1 frame OI 16-4714-33
 2 retractor blades of eac OI 16-4715-33
 2 abdominal retractor of each OI 16-4716-33
 2 abdominal retractor of each OI 16-4717-33
 2 retractor blade single hooks OI 16-4718-33



OI 16-4719-19
 malleable
 76 x 19 mm

OI 16-4720-38
 malleable
 102 x 38 mm

OI 16-4721-57
 malleable
 89 x 57 mm

OI 16-4722-57
 malleable
 114 x 57 mm

OI 16-4723-38
 51 x 38 mm

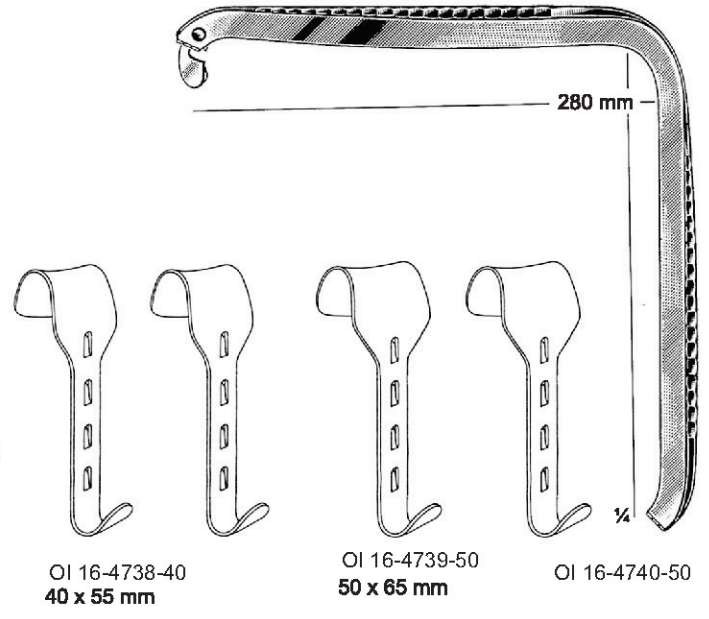
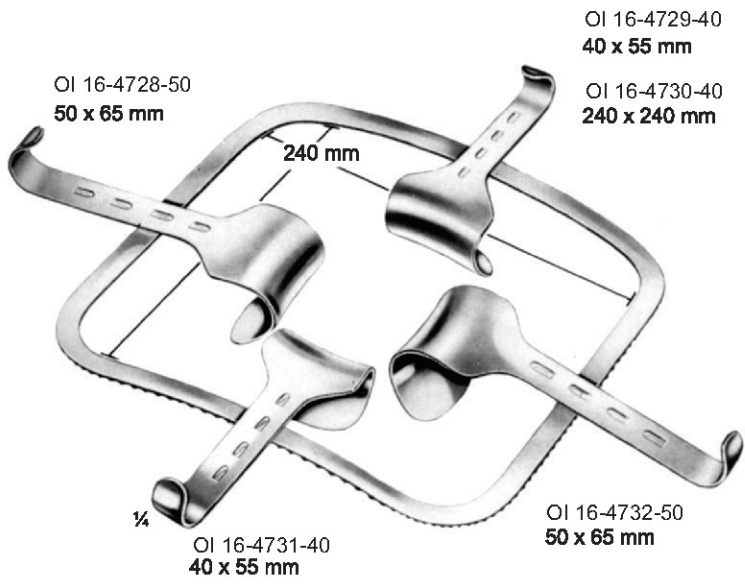
OI 16-4724-60
 76 x 60 mm

OI 16-4725-60
 89 x 60 mm

OI 16-4726-60
 114 x 60 mm

OI 16-4727-60
 13 mm tief
 13 mm deep





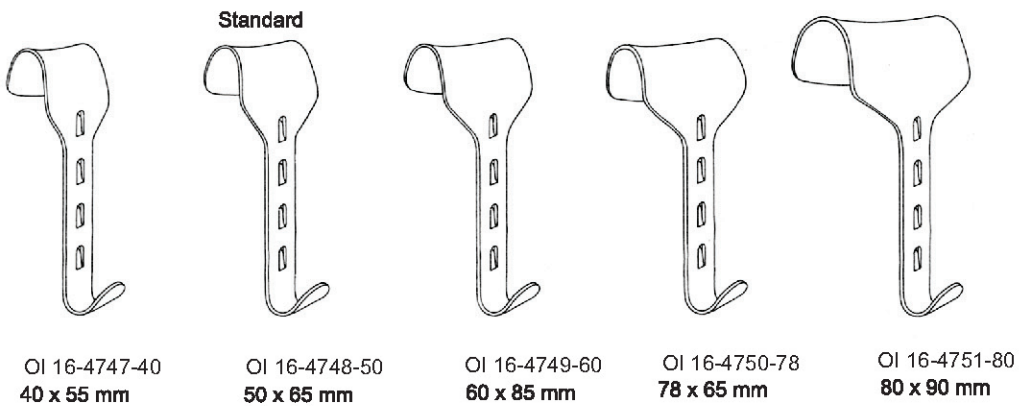
KIRSCHNER
OI 16-4733-00

- OI 16-4734-00 - Kirschner, Abdominal Retractor - complete, consisting of:
- OI 16-4735-00 - 2 Hook-on retractors, 40 x 55 mm
- OI 16-4736-00 - 2 ditto, 50 x 65 mm
- OI 16-44737-00 - Frame only, rigid, 240 x 240 mm

KIRSCHNER
OI 16-4741-00

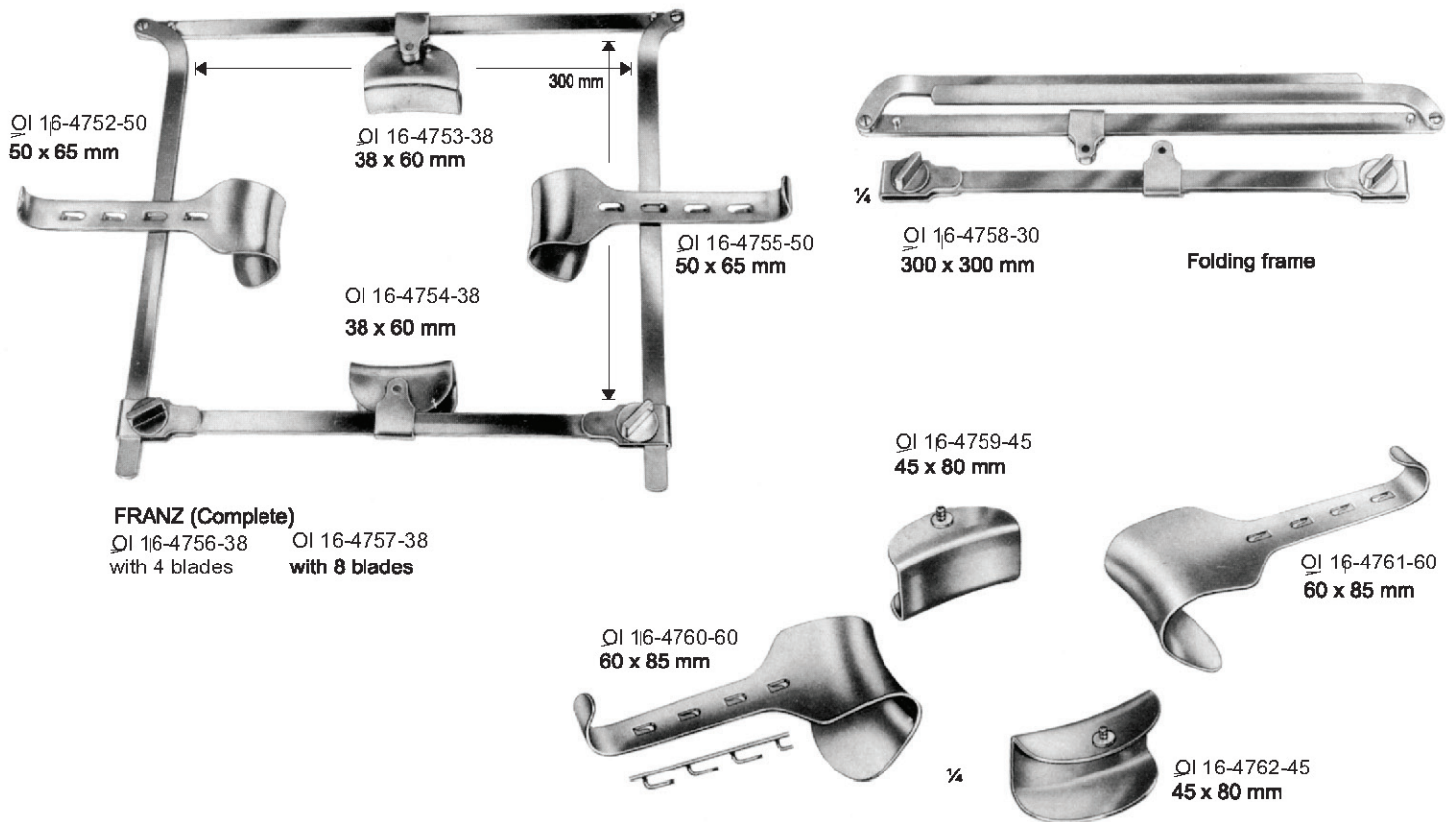
- OI 16-4742-00 - Kirschner, Abdominal Retractor, folding, - large size, complete, consisting of:
- OI 16-4743-00 - 1 Frame folding type, large size - 280 x 280 mm
- OI 16-4744-00 - 2 Hook-on retractors, 40 x 55 mm
- OI 16-4745-00 - 2 ditto, 50 x 65 mm
- OI 16-4746-00 - Frame only, folding type 280 x 280 mm

Hook-on Retractors for Kirschner and Franz Frames



Measurements of retractors: Depth x Width

RETRACTORS



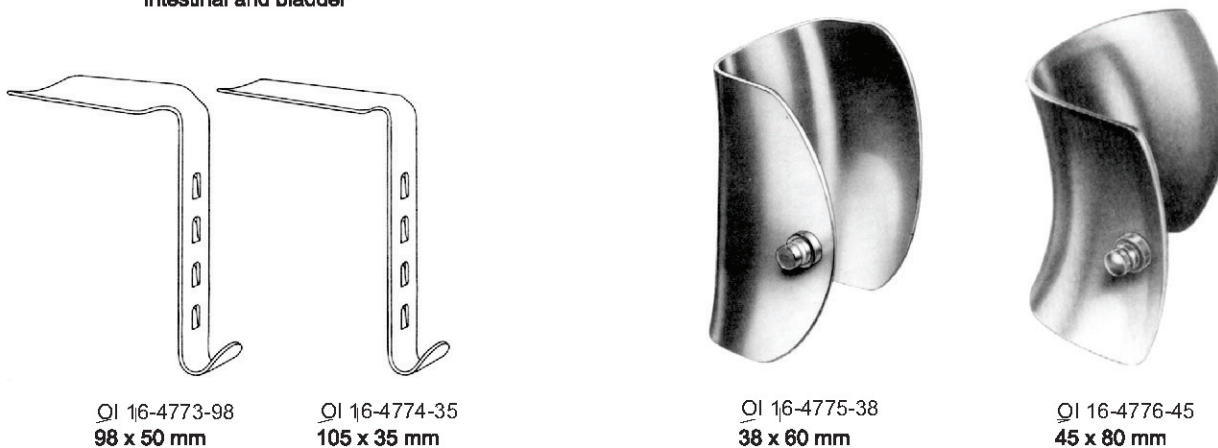
FRANZ (Complete)

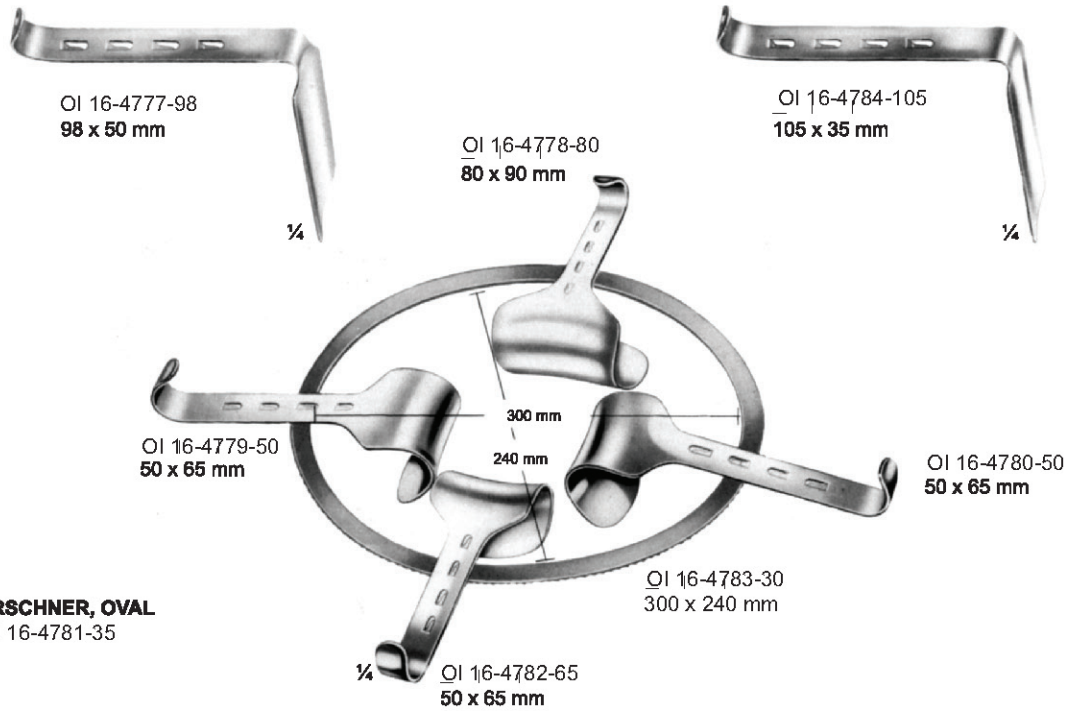
OI 16-4756-38 with 4 blades
 OI 16-4757-38 with 8 blades

- OI 16-4763-50 - Franz, Abdominal Retractor, folding, - complete, consisting of:
- OI 16-4764-50 - 2 Hook-on retractors, 50 x 65 mm
- OI 16-4765-50 - 2 exchangeable blades 38 x 60 mm
- OI 16-4766-50 - Frame, folding, only, 300 x 300 mm

- OI 16-4767-30 - Franz, Abdominal Retractor, folding, - complete, consisting of:
- OI 16-4768-30 - 1 Frame folding, 300 x 300 mm
- OI 16-4769-30 - 2 Hook-on retractors, 50 x 65 mm
- OI 16-4770-30 - 2 ditto, 60 x 85 mm
- OI 16-4771-30 - 2 exchangeable blades 38 x 60 mm
- OI 16-4772-30 - 2 ditto, 45 x 80 mm

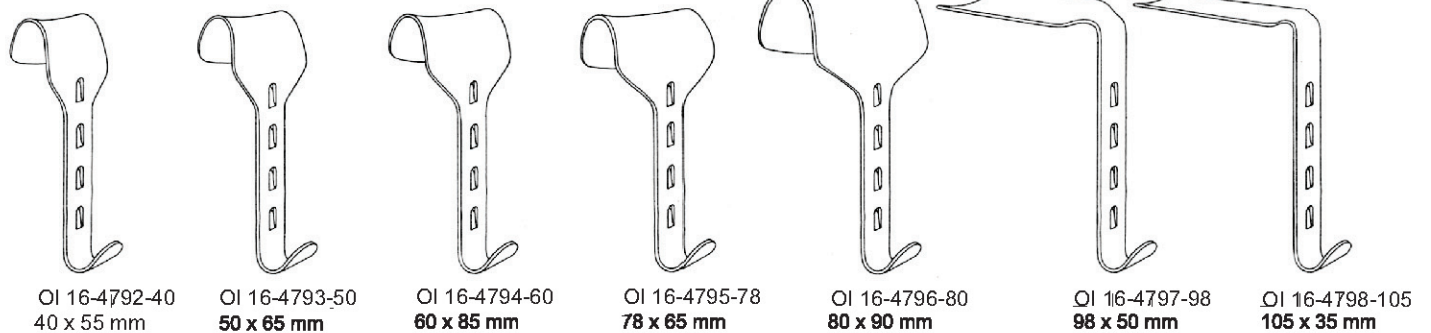
Intestinal and bladder





- OI 16-4785-50 - Kirschner, Abdominal Retractor, Oval, complete, consisting of:
 - OI 16-4786-50 - 1 Frame, 300 x 240 mm
 - OI 16-4787-50 - 3 Hook-on retractors, 50 x 65 mm
 - OI 16-4788-50 - 1 ditto, 80 x 90 mm
 - OI 16-4789-50 - 1 ditto, 98 x 50 mm
 - OI 16-4790-50 - 1 ditto, 105 x 35 mm
 - OI 16-4791-50 - Frame only, 300 x 240 mm
- Hook-on retractors see bottom of page

Hook-on Retractors for Kirschner and Franz Frames



OI 16-4792-40
40 x 55 mm

OI 16-4793-50
50 x 65 mm

OI 16-4794-60
60 x 85 mm

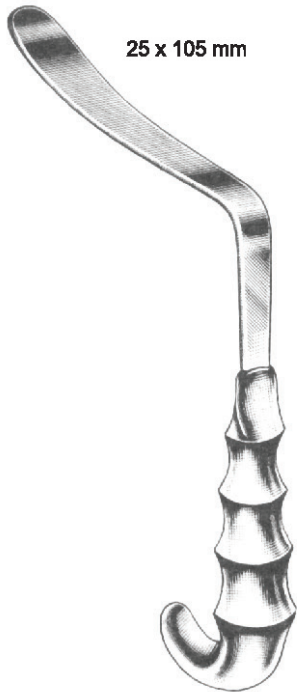
OI 16-4795-78
78 x 65 mm

OI 16-4796-80
80 x 90 mm

OI 16-4797-98
98 x 50 mm

OI 16-4798-105
105 x 35 mm

Measurements of retractors: Depth x Width



25 x 105 mm

LEGUEU
 OI 16-4799-25
 25 cm/9 7/8"



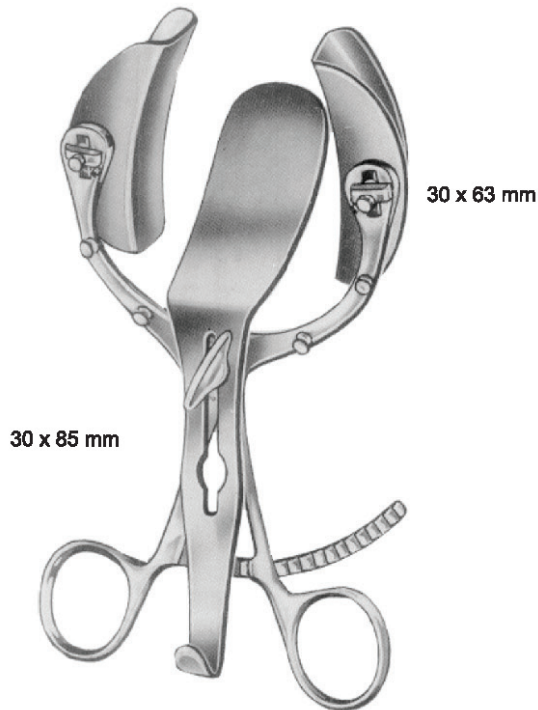
67 x 105 mm

KOCHER
 OI 16-4800-26
 26 cm/10 1/4"



56 x 105 mm

KOCHER
 OI 16-4801-26
 26 cm/10 1/4"

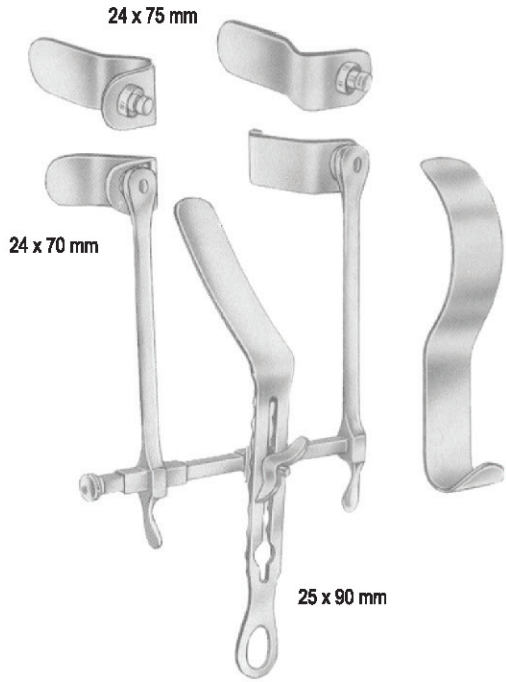


30 x 85 mm

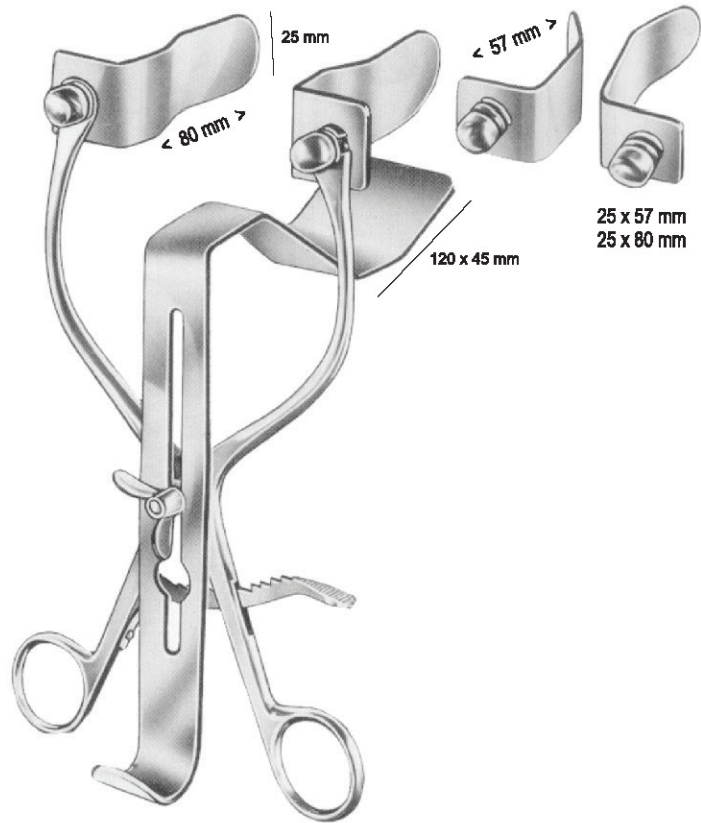
30 x 63 mm

LEGUEU
 OI 16-4802-30





THOMSON-WALKER
OI 16-4803-25



MILLIN
OI 16-4804-25

Measurements of retractors: Depth x Width

