

A surgeon in a green scrub suit and cap is shown in profile, looking upwards and to the right. The scene is lit with bright, focused surgical lights, creating a high-contrast environment. A large, metallic surgical instrument, possibly a retractor or hook, is prominently displayed in the foreground, partially obscuring the surgeon's face and torso. The instrument has a long, curved handle and a hook-like end.

Wound and Nerve Hooks – Dissectors – Raspatories – Atrial – Retractors – Hand Retractors – Bone Curettes – Lung Spatulas



Crile

Crile

Cushing

Adson

Adson

**Crile**

**Art.-No.**      **Length**  
30-0299      14.5 cm/5½"

**Crile**

**Art.-No.**      **Length**  
30-0300      20 cm/8"

**Cushing**

<b>Art.-No.</b>	<b>Length</b>	
30-0304	19 cm/7½"	5 mm
30-0305	19 cm/7½"	7 mm
30-0306	28 cm/11"	5 mm
30-0307	28 cm/11"	7 mm

**Adson**

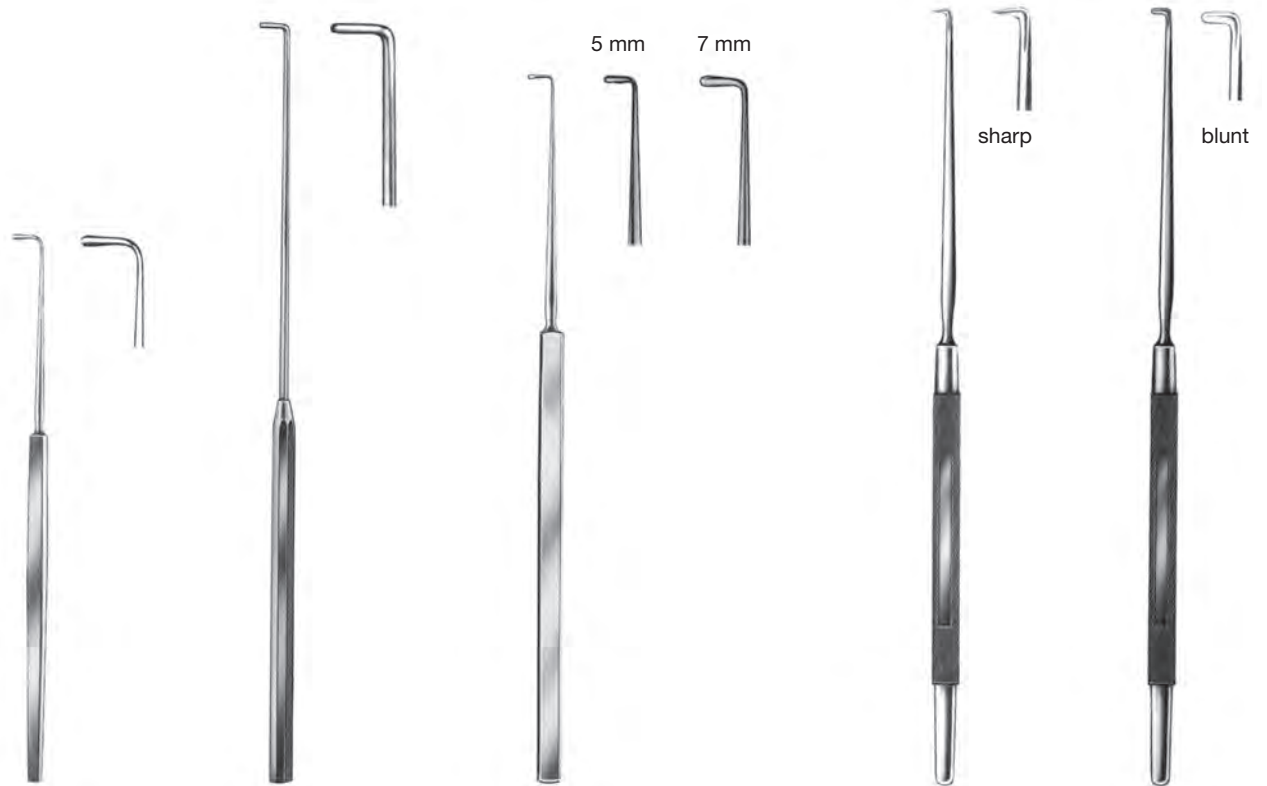
**sharp**

**Art.-No.**      **Length**  
30-0315      20 cm/8"

**Adson**

**blunt**

**Art.-No.**      **Length**  
30-0316      20 cm/8"





## Smithwick



## Hoen



## Blalock

Nerve, Vascular and  
Suture Hook



## Dandy



## Sachs

**Smithwick**

Art.-No.	Length
30-0310	17 cm/6½"
30-0311	21 cm/8¼"

**Hoen**

Art.-No.	Length
30-0275	22 cm/8½"

**Blalock**

Nerve, Vascular and Suture Hook

Art.-No.	Length
30-0301	24 cm/9½"

**Dandy**

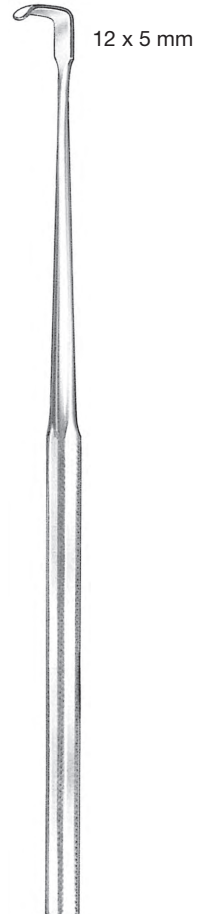
Art.-No.	Length
30-0281	22 cm/8¾"

**Sachs**

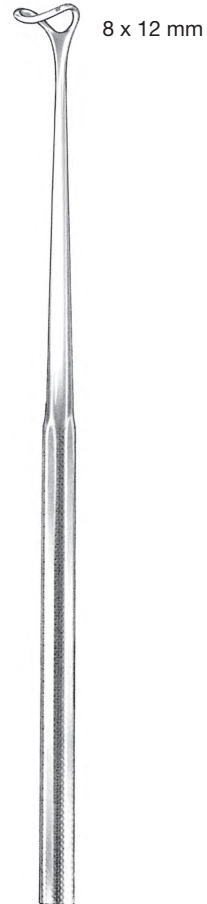
Art.-No.	Length
30-0312	21 cm/8¼"



Moberg



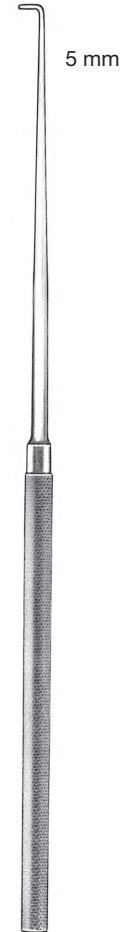
Moberg



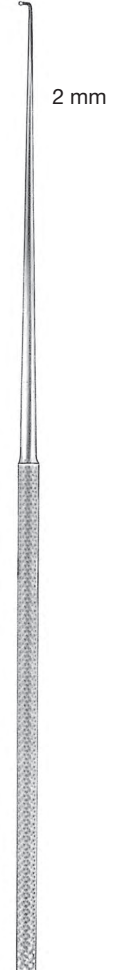
Zenker



Premie



Premie

**Moberg**

<b>Art.-No.</b>	<b>Length</b>	
30-0133	17.5 cm/6½"	12 x 5 mm

**Moberg**

<b>Art.-No.</b>	<b>Length</b>	
30-0138	17.5 cm/6½"	8 x 12 mm

**Zenker**

<b>Art.-No.</b>	<b>Length</b>	
30-0153	18.5 cm/7"	3 x 10 mm

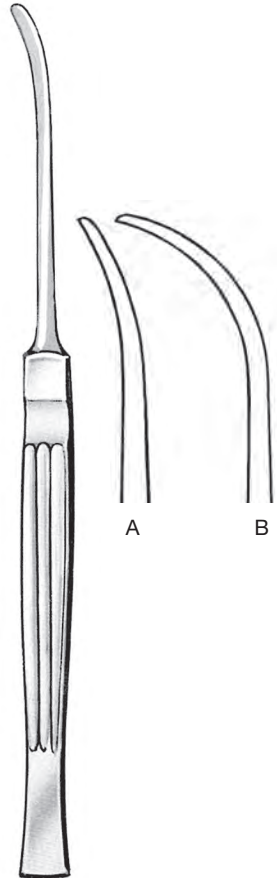
**Premie**

<b>Art.-No.</b>	<b>Length</b>	✘
41-1053	18 cm/7"	90°

**Premie  
with ball**

<b>Art.-No.</b>	<b>Length</b>	✘
41-1015	19 cm/7½"	90°

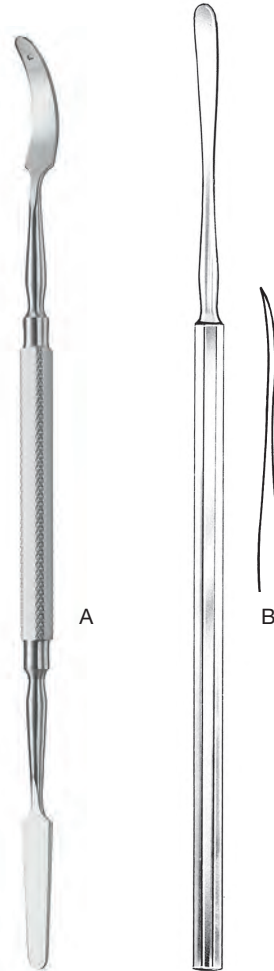
Lemmon



Watson-Cheyne



Mc Donald



Robb


**Lemmon  
Intima Dissectors**

Art.-No.	Fig.	Length
28-0050	A	17 cm/6½"
28-0055	B	17 cm/6½"

**Watson-Cheyne**

Art.-No.	Length
28-0030	18 cm/7"

**Mc Donald**

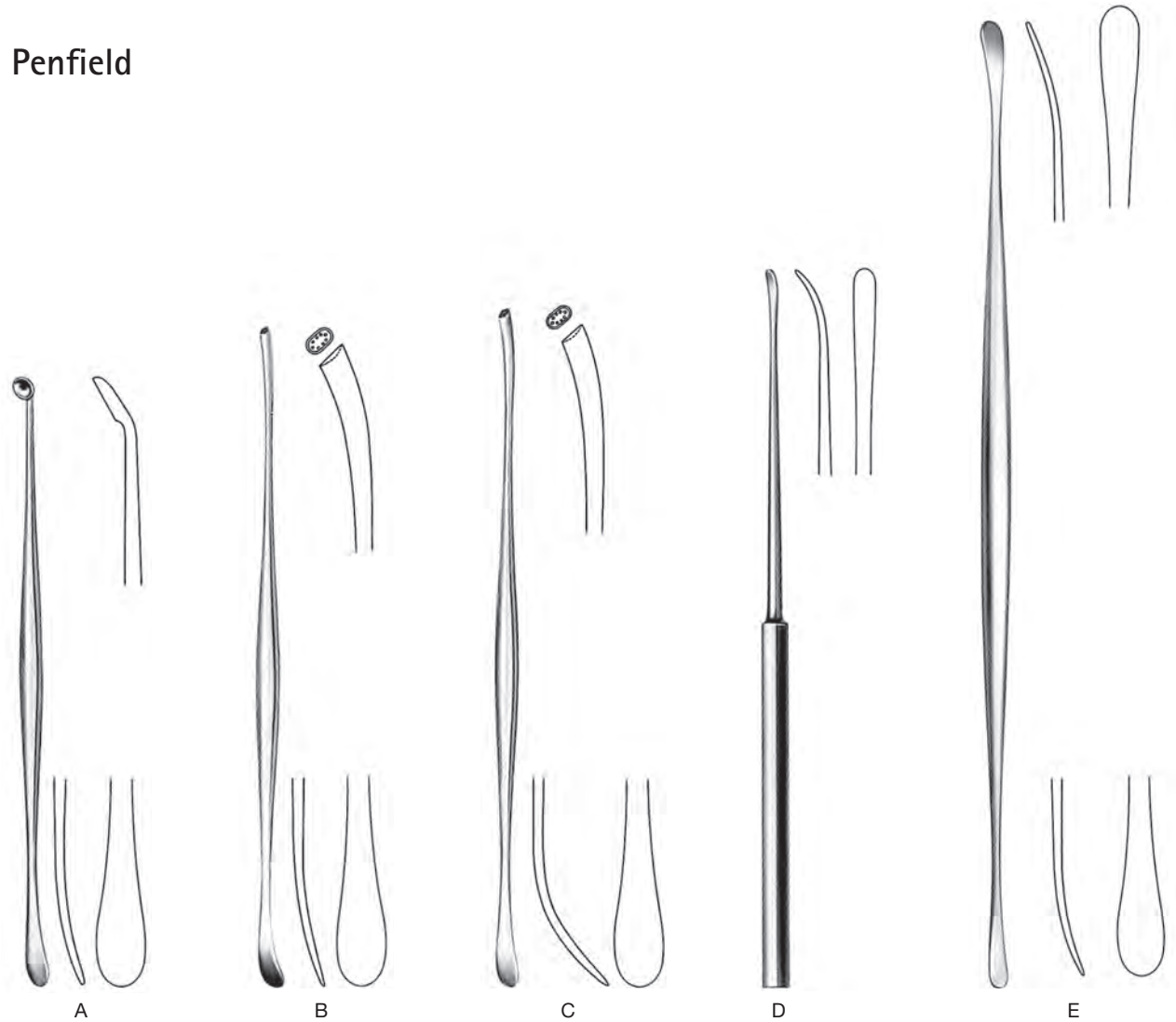
Art.-No.	Fig.	Length
28-0020	A	18 cm/7"
<b>blunt</b>		
28-0060	B	19 cm/7½"
28-0062	B	15 cm/6"

**Robb**

Art.-No.	Length
28-0031.02	2.0/1.0 mm 24 cm/9½"
28-0031.03	3.0/1.5 mm 24 cm/9½"
28-0031.04	4.0/2.0 mm 24 cm/9½"
28-0031.05	5.0/2.5 mm 24 cm/9½"

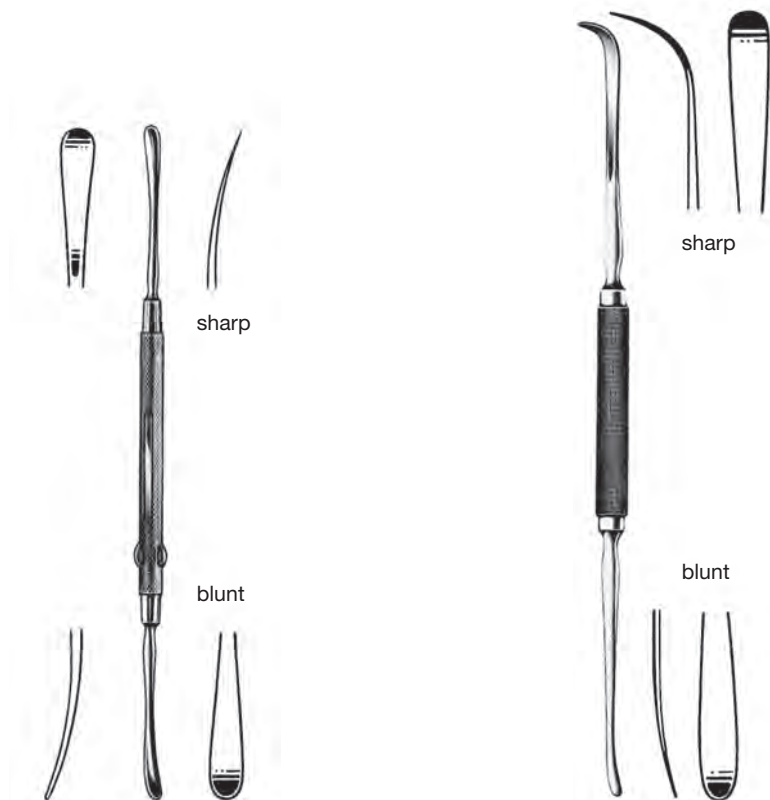


## Penfield

**Penfield**

Art.-No.	Fig.	Length
28-0041	A	17.5 cm/6½"
28-0042	B	19.5 cm/7½"
28-0043	C	19.5 cm/7½"
28-0044	D	20.5 cm/8"
28-0045	E	29 cm/11½"

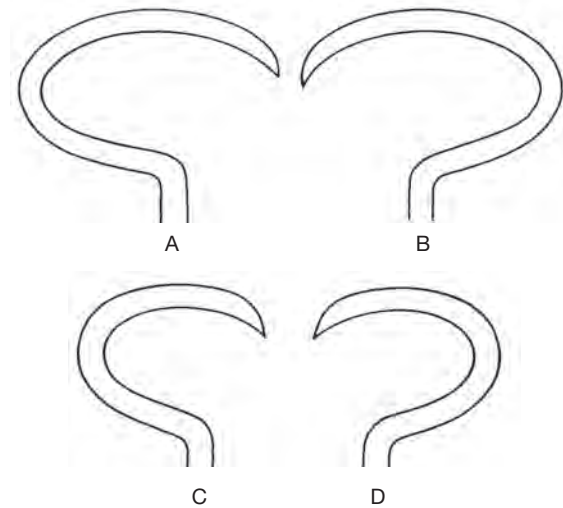
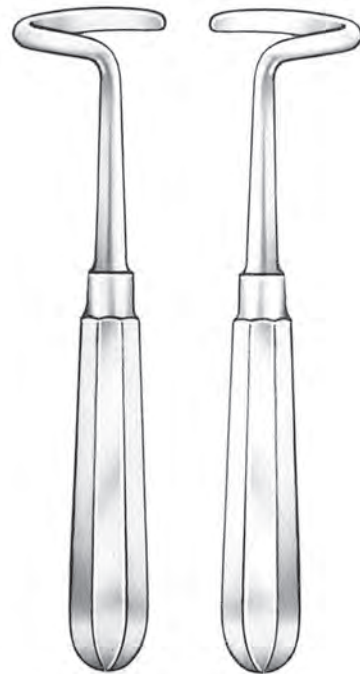
## Freer



**Freer**  
**Art.-No.**  
28-0071  
28-0072

**Length**  
18 cm/7"  
20 cm/8"



**Doyen**

<b>Doyen</b>		
<b>Art.-No.</b>	<b>Fig.</b>	<b>Length</b>
<b>for adults</b>		
40-8230	B	17 cm/6½"
40-8240	A	17 cm/6½"
<b>for children</b>		
40-8235	D	17 cm/6½"
40-8245	C	17 cm/6½"



## Semb



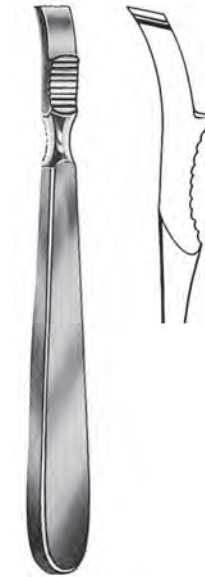
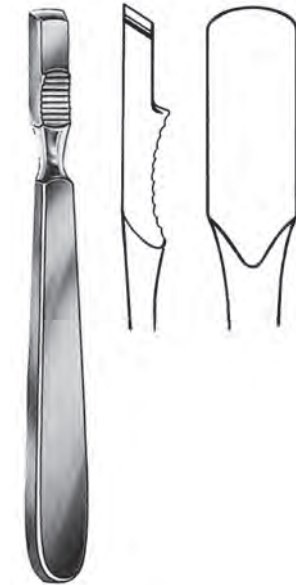
Semb Art.-No.	Fig.	Length	
40-8202	A	22 cm/8½"	15 mm
40-8203	B	22 cm/8½"	15 mm
40-8204	C	22 cm/8½"	13 mm
40-8205	D	19.5 cm/7½"	18 mm
40-8206	E	21 cm/8¼"	12 mm
40-8207	F	19.5 cm/7½"	12 mm
40-8208	G	21.5 cm/8¼"	13 mm



## Farabeuf

## Farabeuf

## Lambotte

**Farabeuf**

Art.-No.	Length	
40-8300	15 cm/6"	12.5 mm

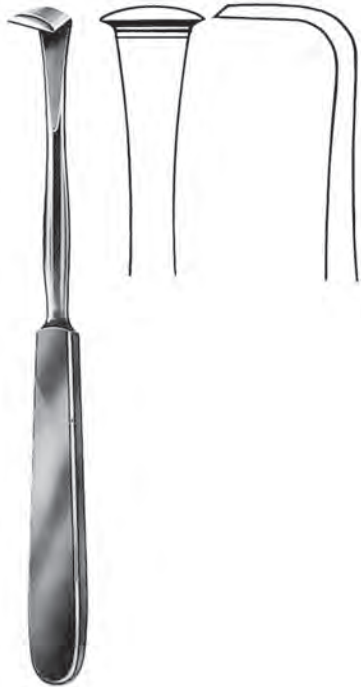
**Farabeuf**

Art.-No.	Length	
40-8305	15 cm/6"	12.5 mm

**Lambotte**

Art.-No.	
40-8345	5 mm
40-8350	10 mm
40-8355	15 mm
40-8360	20 mm
40-8365	25 mm

Langenbeck



Langenbeck

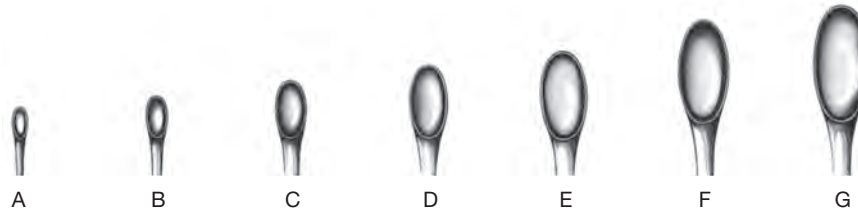
**Langenbeck**

Art.-No.	Length	
40-8380	18 cm/7"	14 mm

**Langenbeck**

Art.-No.	Length	
40-8382	19 cm/7½"	16 mm

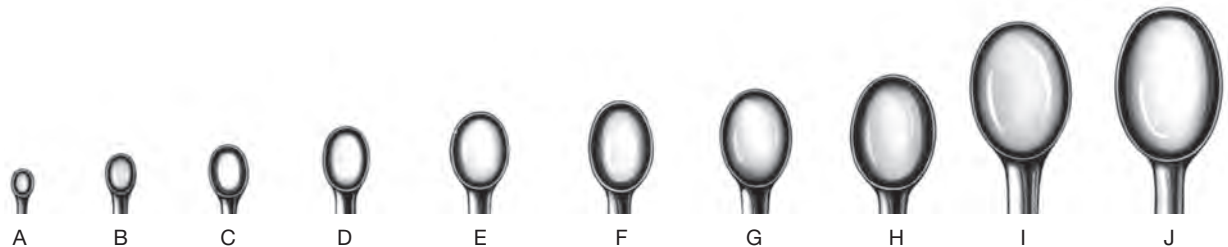
## Schede



## Schede

Art.-No.	Fig.	Length
40-7410	A	17 cm/6½"
40-7412	B	17 cm/6½"
40-7414	C	17 cm/6½"
40-7416	D	17 cm/6½"
40-7418	E	17 cm/6½"
40-7420	F	17 cm/6½"
40-7422	G	17 cm/6½"

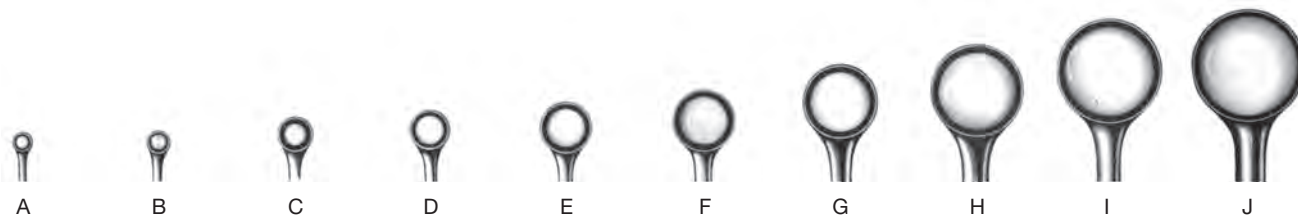
## Volkmann



## Volkmann

Art.-No.	Fig.	Length
40-4432	A	17 cm/6½"
40-4434	B	17 cm/6½"
40-4436	C	17 cm/6½"
40-4438	D	17 cm/6½"
40-4440	E	17 cm/6½"
40-4442	F	17 cm/6½"
40-4444	G	17 cm/6½"
40-4446	H	17 cm/6½"
40-4448	I	17 cm/6½"
40-4450	J	17 cm/6½"

## Bruns



Penfield Art.-No.	Fig.	Length
40-4462	A	17 cm/6½"
40-4464	B	17 cm/6½"
40-4466	C	17 cm/6½"
40-4468	D	17 cm/6½"
40-4470	E	17 cm/6½"
40-4472	F	17 cm/6½"
40-4474	G	17 cm/6½"
40-4476	H	17 cm/6½"
40-4478	I	17 cm/6½"
40-4480	J	17 cm/6½"



## Retractors

**Marberger  
Vein and Vascular Retractor**  
**Malleable**

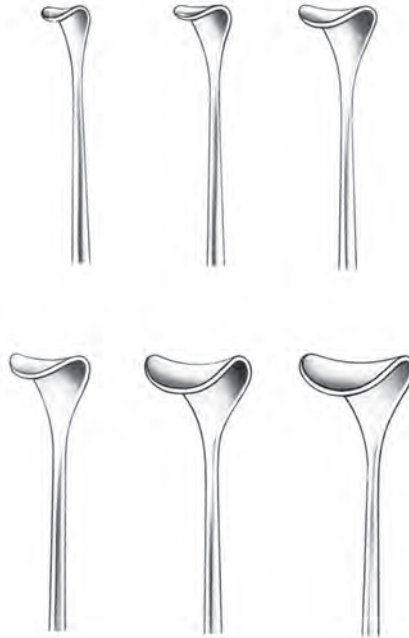
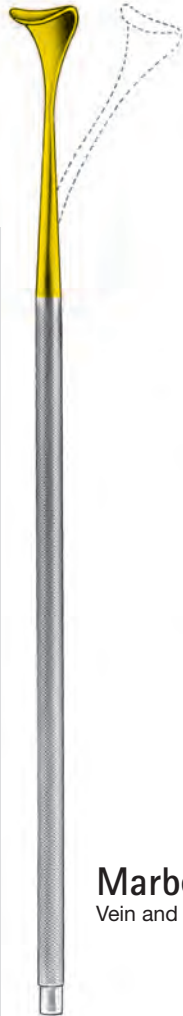
Art.-No.	Length	Width
30-0099	24 cm/9½"	4 mm
30-0100	24 cm/9½"	6 mm
30-0101	24 cm/9½"	8 mm
30-0102	24 cm/9½"	12 mm
30-0103	24 cm/9½"	15 mm
30-0104	24 cm/9½"	17 mm
30-0105	24 cm/9½"	20 mm
30-0106	24 cm/9½"	23 mm

**Cushing  
Vein Retractor**  
**Not Malleable**

Art.-No.	Length	Width
30-0121	24 cm/9½"	8 mm
30-0122	24 cm/9½"	10 mm
30-0123	24 cm/9½"	12 mm
30-0124	24 cm/9½"	14 mm
30-0125	24 cm/9½"	16 mm
30-0126	24 cm/9½"	18 mm

**Wire Retractor**

Art.-No.	Length	Width
30-0140	24 cm	14 mm
30-0141	24 cm	17 mm
30-0142	24 cm	20 mm



**Marberger**  
Vein and Vascular Retractor

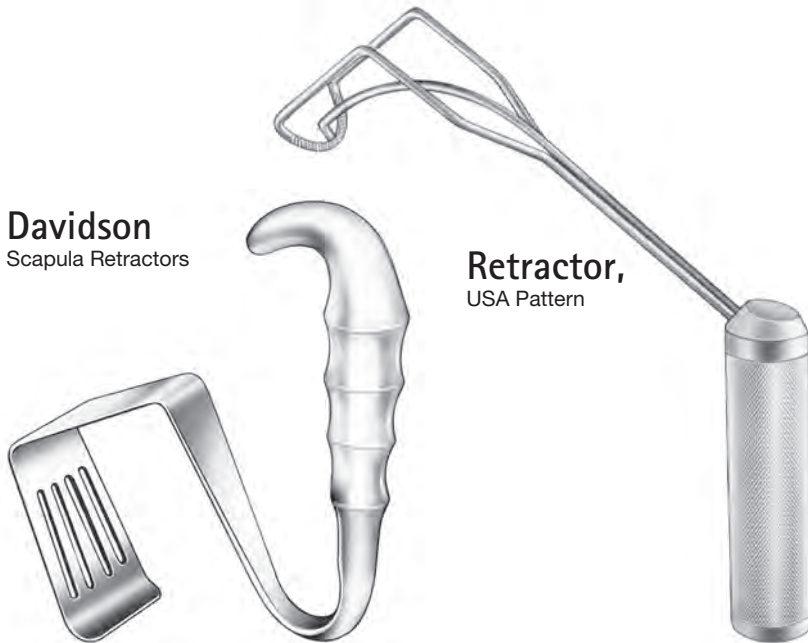


**Cushing**  
Vein Retractor



**Wire**  
Retractor

**Davidson**  
Scapula Retractors



**Retractor,**  
USA Pattern

**Cooley**  
Retractor,  
European Pattern

**Davidson**

**Scapula Retractors**

Art.-No.	Length	Size
30-0350	16 cm/6 1/4"	75 x 50 mm
30-0352	16 cm/6 1/4"	75 x 90 mm

**Retractor, USA Pattern**

Art.-No.	Length	Bending
30-0410	45 x 50 mm	right, deep
30-0411	18 x 30 mm	right
30-0413	35 x 38 mm	right
30-0414	45 x 48 mm	right
30-0417	17 x 19 mm	left
30-0416	38 x 19 mm	left
30-0415	45 x 20 mm	left

**Cooley**

**Retractor, European Pattern**

Art.-No.	Length	Bending
30-0400	45 x 45 mm	right
30-0402	45 x 45 mm	right serrated
30-0404	15 x 45 mm	left





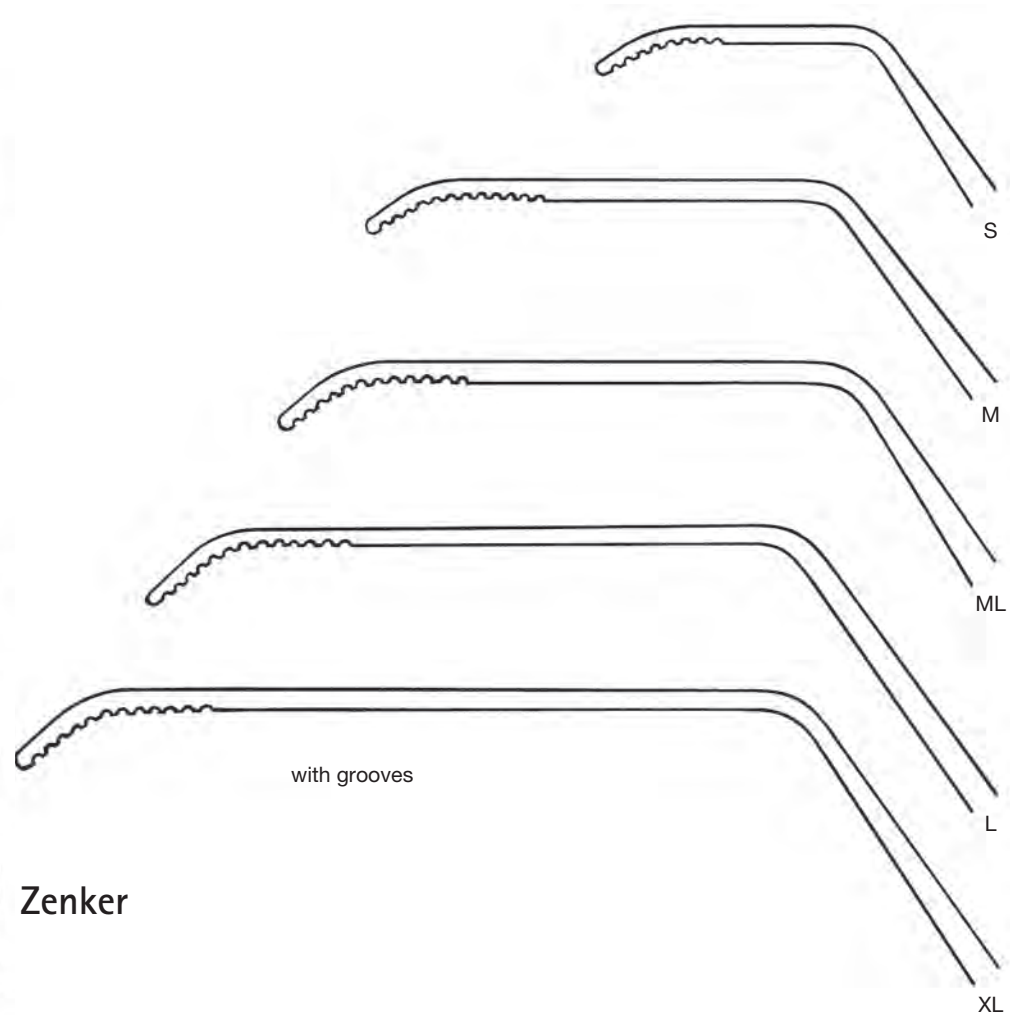
Leaflet		
Art.-No.	Length	Size mm
30-0354	21 cm/8¼"	7/10

Zenker		
Art.-No.	Fig.	Size mm
30-0200	S	35 x 8
30-0201	M	60 x 12
30-0202	ML	75 x 12
30-0203	L	85 x 20
30-0204	XL	100 x 25



Leaflet

Zenker



with grooves

XL



Vascular Retractors

Shaft malleable  
270 mm/10 $\frac{3}{4}$ "



**Ross**  
Vascular Hooks



**Blanco**  
Leaflet Retractors

**Vascular Retractors****Art.-No.**

30-0388.01	17 x 21 mm
30-0388.02	16 x 23 mm
30-0388.03	20 x 25 mm
30-0388.04	24 x 27 mm
30-0388.05	28 x 20 mm
30-0388.06	28 x 29 mm

**Ross****Vascular Hooks**

Art.-No.	Fig	Length cm/"	Size mm
30-0390	1	24/9 $\frac{1}{2}$	16 x 15
30-0391	2	24/9 $\frac{1}{2}$	23 x 13
30-0392	3	24/9 $\frac{1}{2}$	24 x 16
30-0393	4	24/9 $\frac{1}{2}$	27 x 13
30-0394	5	24/9 $\frac{1}{2}$	27 x 27
30-0395	6	24/9 $\frac{1}{2}$	25 x 39

**Blanco****Leaflet Retractors**

Art.-No.	Length	Width
30-0090	28 cm/11"	5 mm
30-0091	28 cm/11"	7 mm
30-0092	28 cm/11"	10mm

**Crawford****Vascular Hooks**

Art.-No.	Fig	Lenght cm/''	Size mm
30-0355	1	19/7 1/2	15 x 15
30-0356	2	19/7 1/2	15 x 23

**Harrington****Splanchnic Retractor**

Art.-No.	
30-0365	127 x 40 mm, 32 cm
30-0366	127 x 62 mm, 32 cm

**Allison****Lung Spatulas**

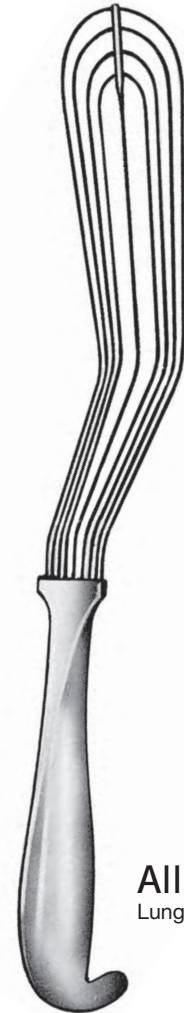
Art.-No.	Lenght cm/''	Size mm
30-0360	32/12 1/2	for adults
30-0361	26/10 1/4	for children



**Crawford**  
Vascular Hooks



**Harrington**  
Splanchnic Retractor



**Allison**  
Lung Spatulas



**Allison**  
Extra large  
Lung spatula



**Slade**  
Baby-Allison  
Lung Spatula



**Walton**  
Copper Retractors/  
Abdominal Spatulas

#### Allison

##### Extra large Lung spatula

Art.-No.	Length	Size mm
30-0362	30 cm/12"	137

#### Slade

##### Baby-Allison Lung Spatula

Art.-No.	L
30-0363	42 mm
30-0364	23 mm

#### Walton

##### Copper Retractors/ Abdominal Spatulas

Art.-No.	Length	Size mm
30-0530	20 cm/8"	6
30-0531	20 cm/8"	8
30-0532	20 cm/8"	10
30-0533	20 cm/8"	12
30-0534	20 cm/8"	17
30-0535	20 cm/8"	20
30-0536	20 cm/8"	25
30-0537	25 cm/10"	25
30-0520	33 cm/13"	20
30-0521	33 cm/13"	25
30-0522	33 cm/13"	30
30-0523	33 cm/13"	35
30-0524	33 cm/13"	40
30-0525	33 cm/13"	50
30-0527	33 cm/13"	75



Tudor-  
Edwards (UK)



Brock's (UK)



Brompton (UK)

**Tudor-Edwards (UK)**

Art.-No.	Length	Size mm
30-0495	16.5 cm/6½"	45 x 50

**Brock's (UK)**

Art.-No.	Length	Size mm
30-0497	19 cm/7½"	13 x 29

**Brompton (UK)**

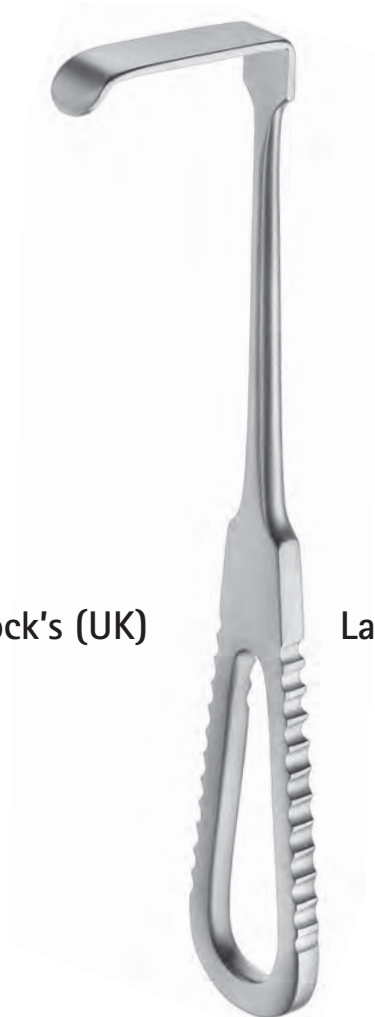
Art.-No.	Length	Size mm
30-0496	19 cm/7½"	13 x 26



**Cleland's (UK)**  
Leaflet Retractor



**Brock's (UK)**



**Langenbeck (UK)**

**Cleland's (UK)**

**Leaflet Retractor**

Art.-No.	Length	Size
30-0494	25 cm/10"	10 mm

**Brock's (UK)**

**Retractors**

Art.-No.	Length	Size
30-0397	19 cm/7 1/2"	5 mm
30-0398	19 cm/7 1/2"	10 mm
30-0399	19 cm/7 1/2"	12 mm

**Langenbeck (UK)**

**Retractors**

Art.-No.	Length	Size
30-0005	20.5 cm/8"	6 x 22 mm
30-0006	20.5 cm/8"	12 x 45 mm
30-0007	20.5 cm/8"	25 x 62 mm
30-0008	20.5 cm/8"	18 x 90 mm



## Deaver



Deaver Art.-No.	Fig.	Length	Size mm
30-0371	000	19 cm/7½"	19 mm
30-0372	00	22 cm/8½"	22 mm
30-0373	0	25 cm/10"	25 mm
30-0374	1	30 cm/12"	25 mm
30-0375	2	33 cm/13"	25 mm
30-0376	2½	36 cm/14¼"	25 mm





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5

Deaver Art.-No.	Fig.	Length	Size mm
30-0377	3	30 cm/12"	38 mm
30-0378	4	30 cm/12"	50 mm
30-0379	5	30 cm/12"	75 mm

**Richardson-Eastman**

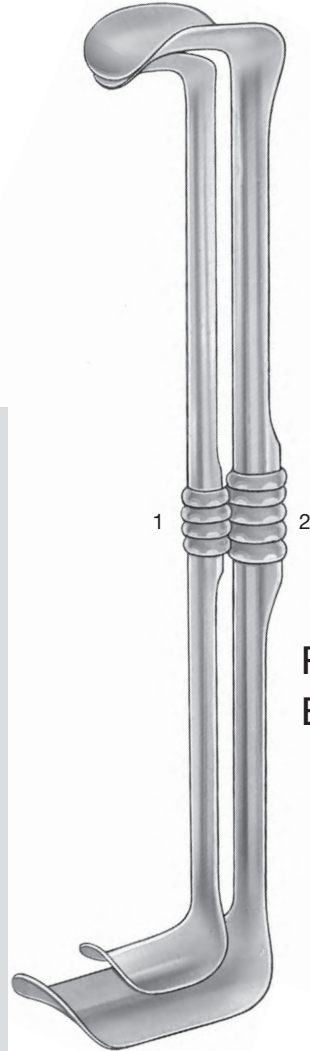
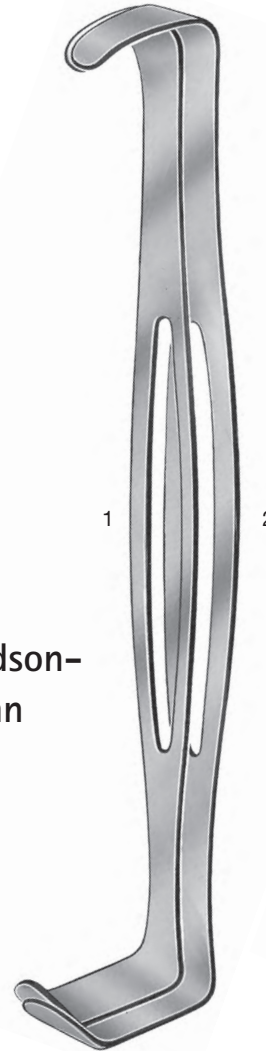
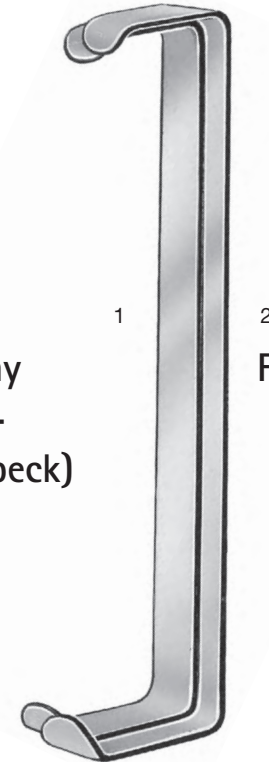
Art.-No.	Fig.	Length	Size mm
30-0470	1	25 cm/10"	28 x 20
		25 cm/10"	36 x 28
	2	27 cm/10¾"	49 x 38
		27 cm/10¾"	71 x 43

**US-Army (Parker-Langenbeck)**

Art.-No.	Fig.	Length	Size mm
30-0490	1	21 cm/8¼"	27 x 15
		21 cm/8¼"	40 x 15
	2	21 cm/8¼"	31 x 15
		21 cm/8¼"	45 x 15

**Farabeuf**

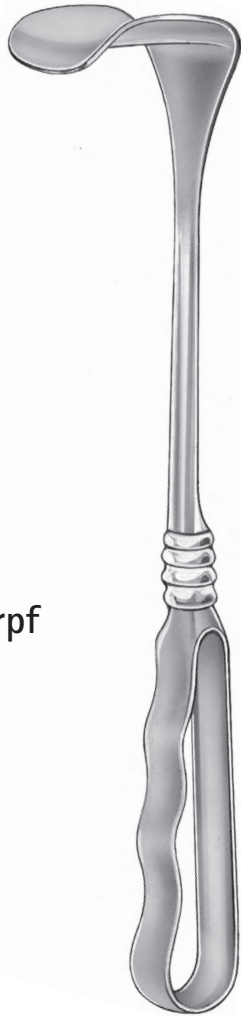
Art.-No.	Fig.	Length	Size mm
30-0485	1	12 cm/5¾"	26 x 10
		12 cm/5¾"	30 x 13
	2	12 cm/5¾"	30 x 10
		12 cm/5¾"	34 x 13
30-0486	1	15 cm/6"	23 x 16
		15 cm/6"	27 x 16
	2	15 cm/6"	26 x 16
		15 cm/6"	30 x 16

Richardson-  
EastmanUS-Army  
(Parker-  
Langenbeck)

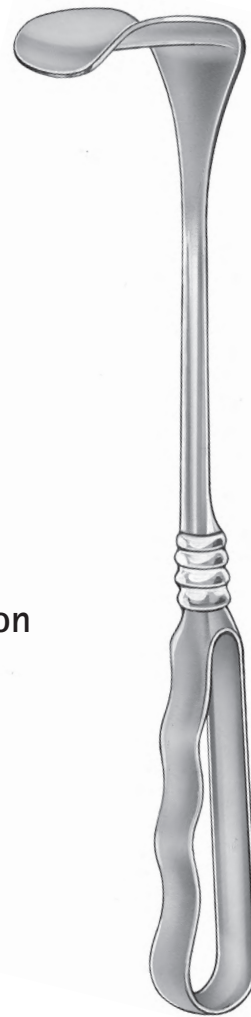
Farabeuf



Middeldorff



Richardson



Kelly

**Middeldorff**

Art.-No.	Length	Size mm
30-0195	21.5 cm/8 1/4"	15 x 16
30-0196	22.5 cm/8 3/4"	20 x 22
30-0197	23.5 cm/9"	28 x 29

**Richardson**

Art.-No.	Length	Size mm
30-0471	24 cm/9 1/2"	28 x 20
30-0472	24 cm/9 1/2"	36 x 28
30-0473	24 cm/9 1/2"	44 x 38
30-0474	24 cm/9 1/2"	52 x 22

**Kelly**

Art.-No.	Length	Size mm
30-0475	26 cm/10 1/4"	65 x 50



30-0480.03  
30-0480.02  
30-0480.01



Desmarres



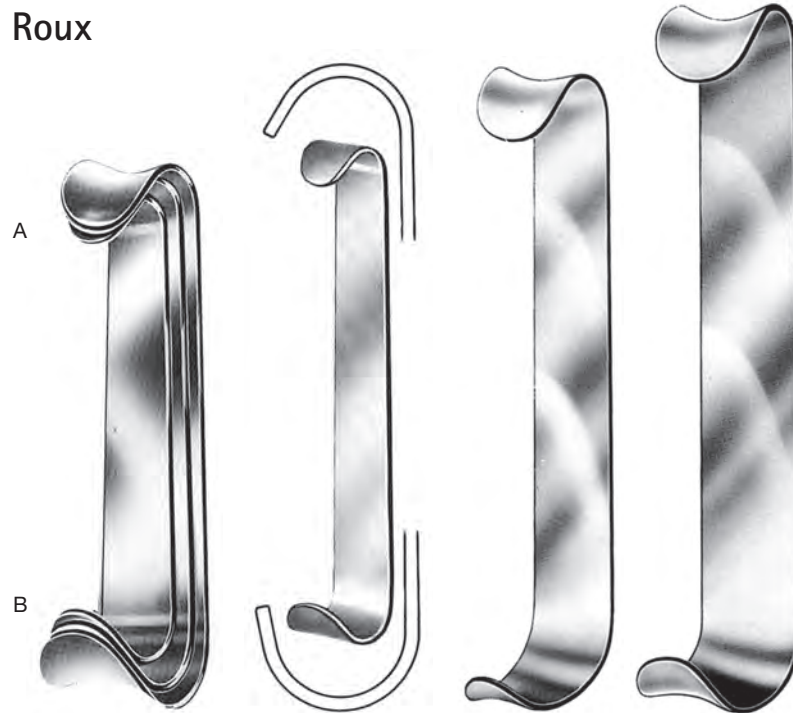
Desmarres

Art.-No.	Length	Size mm
30-0080	13 cm/5"	8
30-0081	13 cm/5"	10
30-0082	13 cm/5"	12
30-0083	13 cm/5"	14
30-0084	13 cm/5"	16
30-0085	13 cm/5"	18

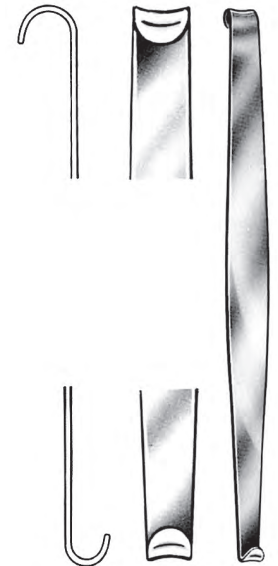
Roux

Art.-No.	Fig.	Length	Size mm
30-0480	1-3	16.5 cm/6 1/4"	
30-0480.01	A	16.5 cm/6 1/4"	20 x 26
	B	16.5 cm/6 1/4"	28 x 31
30-0480.02	A	16.5 cm/6 1/4"	26 x 28
	B	16.5 cm/6 1/4"	34 x 37
30-0480.03	A	16.5 cm/6 1/4"	29 x 31
	B	16.5 cm/6 1/4"	38 x 42
30-0483	A	13 cm/5"	15 x 17
	B	13 cm/5"	18 x 21
30-0481	A	16.5 cm/6 1/4"	20 x 43
	B	16.5 cm/6 1/4"	43 x 23
30-0482	A	18 cm/7"	31 x 27
	B	18 cm/7"	48 x 27

Roux



Mini-Roux

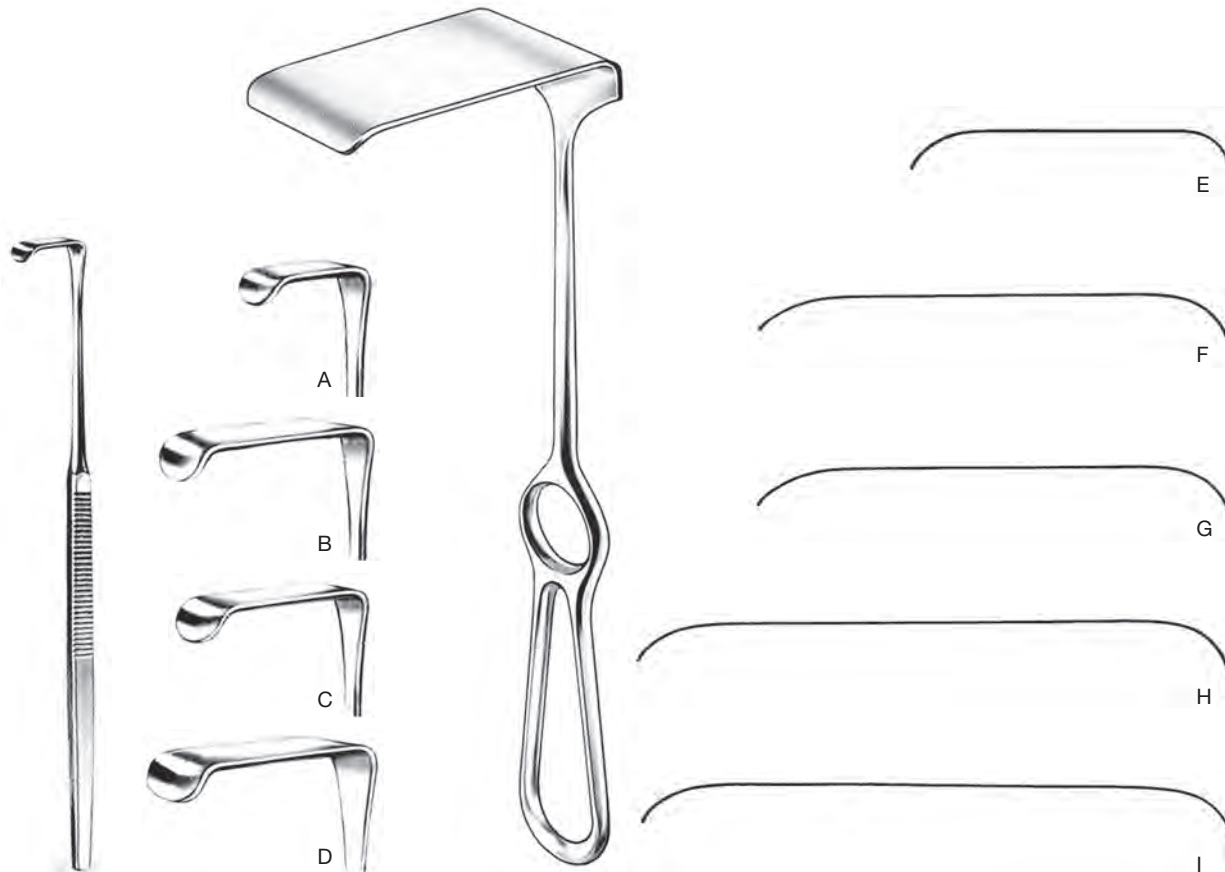


Mini Roux

Art.-No.	Length
30-0484	15 cm/6"

## Mini-Langenbeck

## Kocher

**Mini-Langenbeck**

Art.-No.	Fig.	Length	Size mm
30-0001	A	16 cm/6¼"	10 x 6
30-0002	B	16 cm/6¼"	20 x 6
30-0003	C	16 cm/6¼"	17 x 5
30-0004	D	16 cm/6¼"	22 x 8

**Kocher**

Art.-No.	Fig.	Length	Size mm
30-0054	E	23 cm/9"	40 x 18
30-0055	F	23 cm/9"	60 x 20
30-0056	G	23 cm/9"	60 x 25
30-0057	H	23 cm/9"	75 x 30
30-0058	I	23 cm/9"	75 x 40

Hand-held Retractors



Volkmann

		9 x 8 mm	9 x 13 mm	9 x 19 mm	9 x 29 mm	9 x 40 mm
sharp						
	30-1510 22 cm	30-1511 22 cm	30-1512 22 cm	30-1513 22 cm	30-1514 22 cm	30-1515 22 cm
blunt						
	30-1530 22 cm	30-1531 22 cm	30-1532 22 cm	30-1533 22 cm	30-1534 22 cm	30-1535 22 cm
semi-blunt						
	30-1520 22 cm	30-1521 22 cm	30-1522 22 cm	30-1523 22 cm	30-1524 22 cm	30-1525 22 cm



Kocher

		15 x 10 mm	15 x 15 mm	15 x 20 mm	15 x 30 mm	15 x 40 mm
sharp						
		30-1540 22 cm	30-1541 22 cm	30-1542 22 cm	30-1543 22 cm	30-1544 22 cm
blunt						
		30-1560 22 cm	30-1561 22 cm	30-1562 22 cm	30-1563 22 cm	30-1564 22 cm
semi-blunt						
		30-1550 22 cm	30-1551 22 cm	30-1552 22 cm	30-1553 22 cm	30-1554 22 cm





30-0019  
21.5 cm, 25 x 6 mm  
# 1



30-0020  
21.5 cm, 25 x 8 mm  
# 2



30-0021  
21.5 cm, 35 x 8 mm  
# 3



30-0022  
21.5 cm, 35 x 11 mm  
# 4



30-0023  
21.5 cm, 35 x 15 mm  
# 5



30-0024  
21.5 cm, 40 x 11 mm  
# 6



30-0025  
21.5 cm, 55 x 11 mm  
# 7



30-0026  
21.5 cm, 70 x 14 mm  
# 8



30-0027  
21.5 cm, 80 x 12 mm  
# 9



30-0028  
21.5 cm, 80 x 16 mm  
# 10

Kocher-Langenbeck



Langenbeck



30-0009  
21 cm, 20 x 7 mm  
# 0



30-0010  
21 cm, 30 x 11 mm  
# 1



30-0011  
21 cm, 30 x 14 mm  
# 2



30-0012  
21 cm, 30 x 16 mm  
# 3



30-0013  
21 cm, 33 x 14 mm  
# 4



30-0014  
21 cm, 40 x 11 mm  
# 5



30-0015  
21 cm, 42 x 13 mm  
# 6

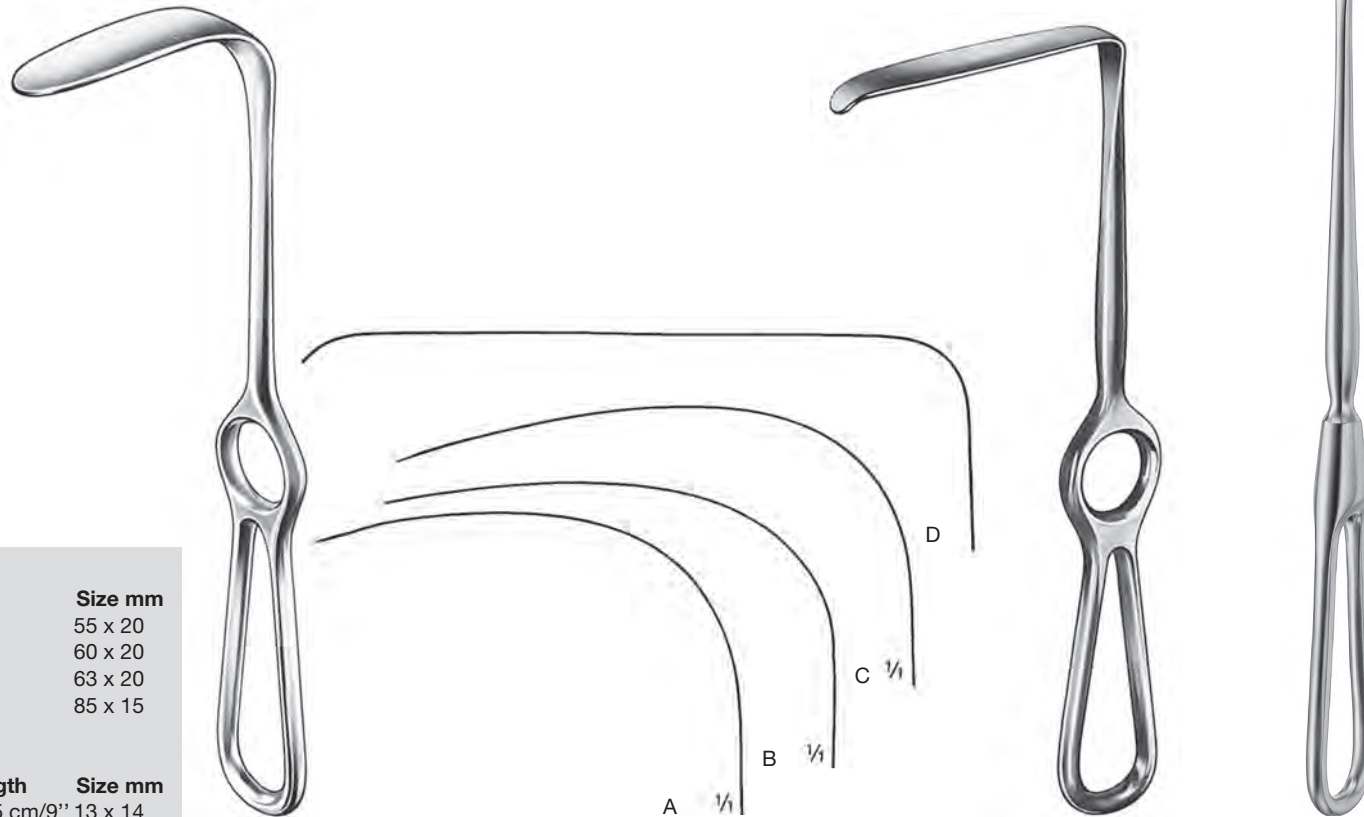


30-0016  
21 cm, 50 x 11 mm  
# 7



## Langenbeck

## Cushing Vein



## Langenbeck

Art.-No.	Fig.	Size mm
30-0060	A	55 x 20
30-0061	B	60 x 20
30-0062	C	63 x 20
30-0063	D	85 x 15

## Cushing Vein

Art.-No.	Length	Size mm
30-0130	22.5 cm/9"	13 x 14

Kocher



Kocher Art.-No.	Fig.	Length	Size mm
30-0450	A	28 cm/11"	22 x 15
30-0451	B	28 cm/11"	38 x 20
30-0452	C	28 cm/11"	67 x 25
30-0453	D	28 cm/11"	100 x 35



Fritsch

Kocher

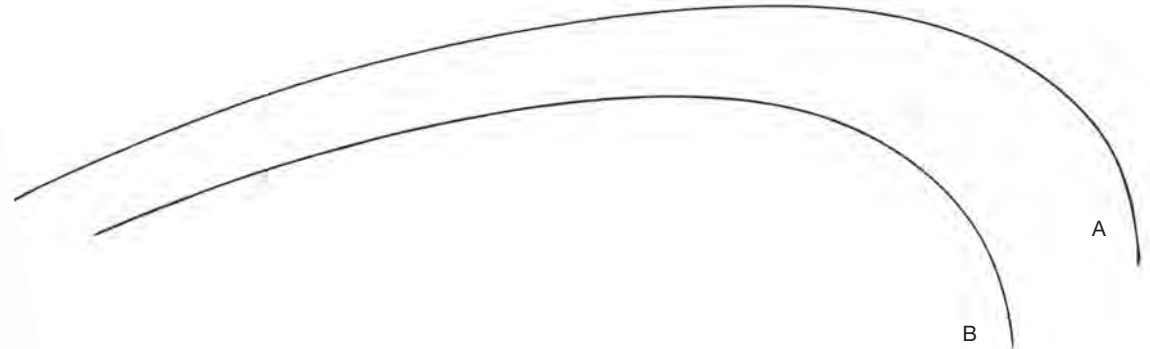
Kocher

**Fritsch**

Art.-No.	Fig.	Length	Size mm
30-0431		24 cm/9½"	45 x 40
30-0432		24 cm/9½"	45 x 50
30-0433		24 cm/9½"	45 x 60
30-0434		24 cm/9½"	45 x 75
30-0435		24 cm/9½"	65 x 85

**Kocher**

Art.-No.	Fig.	Length	Size mm
30-0455	A	22.5 cm/8½"	70 x 25
30-0456	B	25 cm/10"	80 x 42
30-0457	B	25 cm/10"	80 x 50
30-0458	B	25 cm/10"	80 x 60

**Mikulicz**

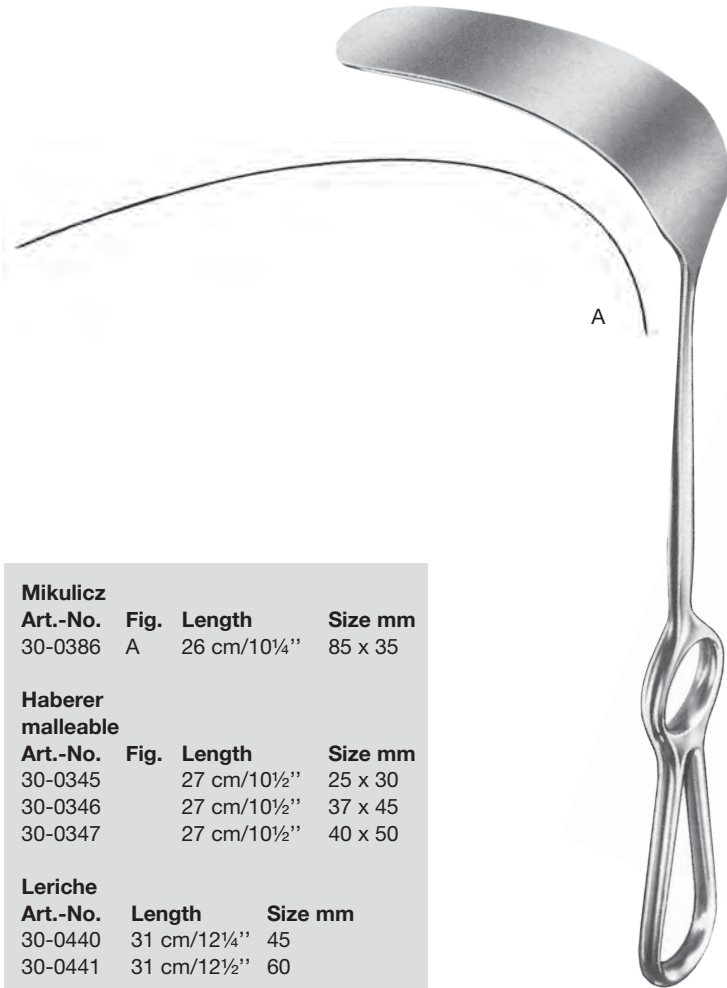
<b>Mikulicz</b>			
<b>Art.-No.</b>	<b>Fig.</b>	<b>Length</b>	<b>Size mm</b>
30-0380	A	26 cm/10 <sup>1</sup> / <sub>4</sub> "	155 x 50
30-0381	B	26 cm/10 <sup>1</sup> / <sub>4</sub> "	120 x 50



Mikulicz

Haberer

Leriche

**Mikulicz**

Art.-No.	Fig.	Length	Size mm
30-0386	A	26 cm/10¼"	85 x 35

**Haberer  
malleable**

Art.-No.	Fig.	Length	Size mm
30-0345		27 cm/10½"	25 x 30
30-0346		27 cm/10½"	37 x 45
30-0347		27 cm/10½"	40 x 50

**Leriche**

Art.-No.	Length	Size mm
30-0440	31 cm/12¼"	45
30-0441	31 cm/12½"	60





### Berlin Spatulas

Malleable Retractor Spatulas for Pediatric Surgery



30-0540.02



30-0541.04

### TEA Hetzer



03-7010

### Haight

Malleable T-Retractor



30-0542.01

#### Berlin Spatulas Malleable Retractor Spatulas for Pediatric Surgery

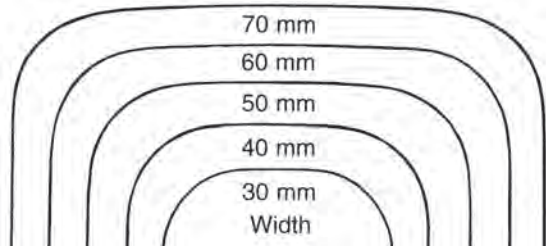
Art.-No.	Length	Size A/B
30-0540.03	26.5 cm	41 mm/20 mm
30-0540.02	25.0 cm	32 mm/20 mm
30-0540.01	23.5 cm	16 mm/10 mm
30-0541.05	27.0 cm	41 mm/23 mm
30-0541.04	25.5 cm	34 mm/23 mm
30-0541.03	24.0 cm	19 mm/14 mm
30-0541.02	23.5 cm	11 mm/9 mm
30-0541.01	23.5 cm	11 mm/7 mm

#### TEA Hetzer

03-7010	26.0 cm	6 mm/4 mm
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#### Haight Malleable T-Retractor

Art.-No.	Length	Size
30-0542.01	29.0 cm	75 mm
30-0542.02	30.0 cm	90 mm
30-0542.03	30.5 cm	102 mm
30-0542.04	32.5 cm	120 mm
30-0542.05	34.0 cm	140 mm



**Copper malleable  
Stainless Steel**

Art.-No.	Length	Size mm
30-0330	41 cm/16 1/2"	30
30-0331	41 cm/16 1/2"	40
30-0332	41 cm/16 1/2"	50
30-0333	41 cm/16 1/2"	60
30-0334	41 cm/16 1/2"	70

**Kader**

Art.-No.	Length	Size mm
30-0340	41 cm/16 1/2"	20
30-0341	41 cm/16 1/2"	30
30-0342	41 cm/16 1/2"	40

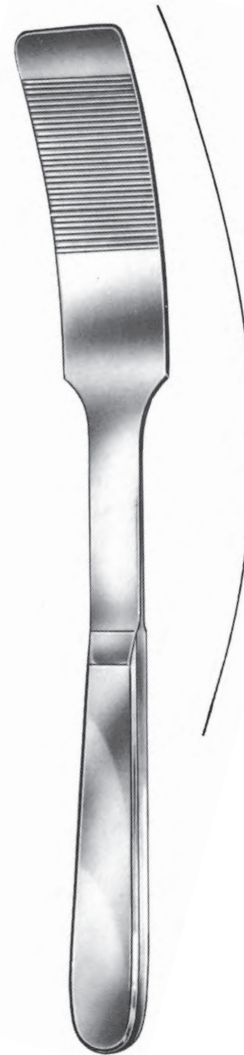
**Koerte**

Art.-No.	Length	Size mm
30-0344	28 cm/11"	100 x 45

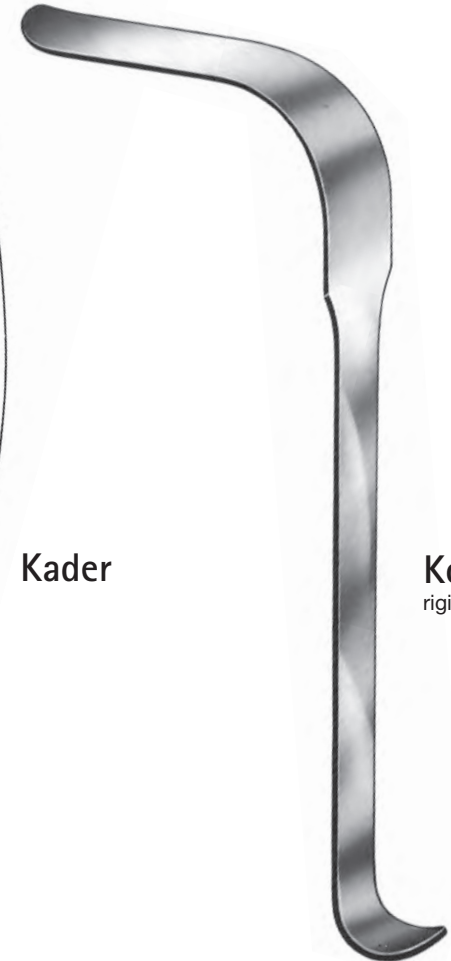
245 mm / 9 1/2"



**Copper**  
malleable  
Stainless Steel



**Kader**



**Koerte**  
rigid



Israel



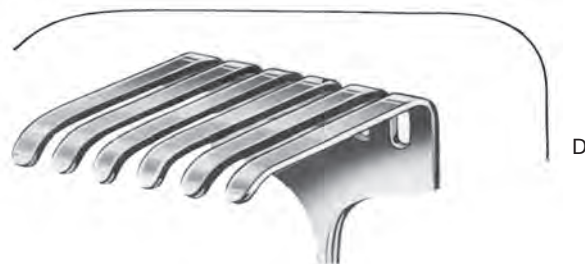
A



B



C



D

Israel			
Art.-No.	Fig.	Length	Size mm
30-0030	A	25 cm/10"	40 x 40
30-0031	B	25 cm/10"	45 x 50
30-0032	C	25 cm/10"	50 x 60
30-0033	D	25 cm/10"	70 x 70



## Trachea

## Morse

## Trachea

Art.-No.	Fig.	Length
30-0165	A	16 cm/6 1/4"
30-0160	B	16 cm/6 1/4"
30-0167	C	16 cm/6 1/4"
30-0162	D	16 cm/6 1/4"
30-0166	E	16 cm/6 1/4"
30-0161	F	16 cm/6 1/4"
30-0168	G	16 cm/6 1/4"
30-0163	H	16 cm/6 1/4"

## Morse

Art.-No.	A	Length
30-0420	10 mm	23 cm/9"
30-0422	20 mm	23 cm/9"
30-0424	30 mm	23 cm/9"
30-0426	40 mm	23 cm/9"
30-0428	50 mm	23 cm/9"



blunt



A

semi-sharp



B

blunt



C

semi-sharp



D



E



F



G



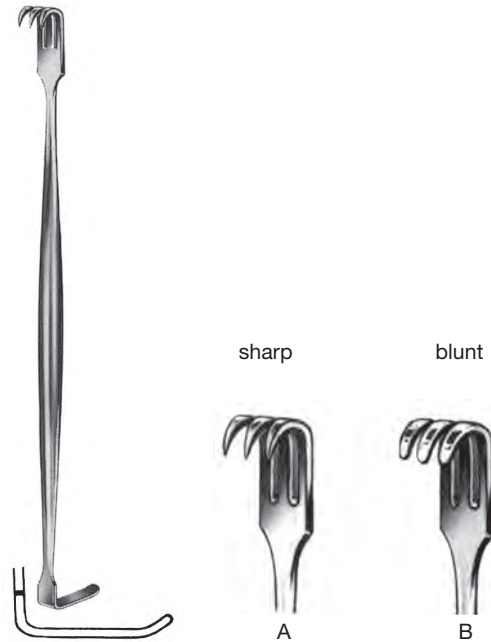
H



## Ragnell-Davis



## Senn-Mueller

**Ragnell-Davis**

Art.-No.	Length
30-0170	14 cm/5½"

**Senn-Mueller**

Art.-No.	Fig.	Length
30-0175	A	16 cm/6¼"
30-0176	B	16 cm/6¼"



## Fiberoptic Mamma Retractors

Smooth blade



Serrated blade



### Smooth blade:

33-0405.07	70x16 mm
33-0405.09	90x27 mm
33-0405.10	100x25 mm
33-0405.12	120x16 mm
33-0405.15	150x16 mm
33-0405.18	180x25 mm
33-0405.22	220x25 mm

### Serrated blade:

33-0400.07	70x16 mm
33-0400.09	90x27 mm
33-0400.10	100x25 mm
33-0400.12	120x16 mm
33-0400.15	150x16 mm
33-0400.18	180x25 mm
33-0400.22	220x25 mm

- + Ergonomic gold handle
- + Lightweight design
- + Well-balanced
- + Universal adapters for most common fiberoptic cables
- + Choice of smooth or serrated blades
- + Large variety of applications
- + Other dimensions and suction channel on request

