



# **GENERAL INSTRUMENTS**



# INHALTSVERZEICHNIS

SCHEREN  
SCISSORS



5

PINZETTEN  
FORCEPS



59

KLEMMEN  
FORCEPS



85

NADELHALTER  
NEEDLE HOLDER



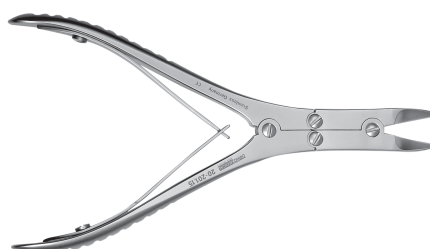
127

WUNDHAKEN  
RETRACTORS

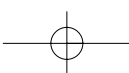
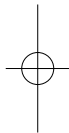
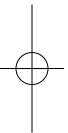
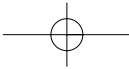


147

ZANGEN  
RONGEURS



207



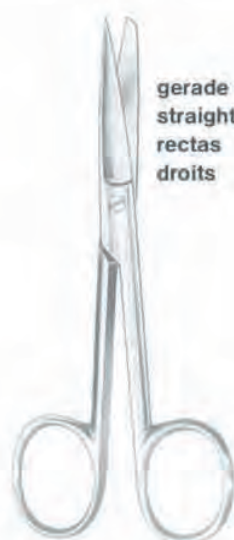




## SCHEREN SCISSORS



**SCHEREN  
SCISSORS**

**SCHEREN  
SCISSORS**
**Chirurgische Scheren – Operating Scissors  
Tijeras para cirugía – Ciseaux à chirurgie**

 gerade  
straight  
rectas  
droits

 gerade  
straight  
rectas  
droits

 gerade  
straight  
rectas  
droits

 gerade  
straight  
rectas  
droits

 Standard  
Fig. 1

 Standard  
Fig. 2

 Standard  
Fig. 3

01-000.14	10,5 cm / 4"	01-001.10	01-002.10	01-003.10
14,5 cm / 5½"	11,5 cm / 4½"	01-001.11	01-002.11	01-003.11
	13 cm / 5"	01-001.13	01-002.13	01-003.13
mit extra grossen Ringen	14,5 cm / 5½"	01-001.14	01-002.14	01-003.14
with extra large rings	15,5 cm / 6"	01-001.15	01-002.15	01-003.15
con anillos especialmente	16,5 cm / 6½"	01-001.16	01-002.16	01-003.16
grandes	17,5 cm / 7"	01-001.17	01-002.17	01-003.17
avec grandes anneaux	18,5 cm / 7¼"	01-001.18	01-002.18	01-003.18
	20 cm / 8"	01-001.20	01-002.20	01-003.20

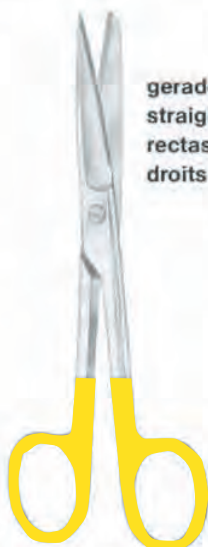
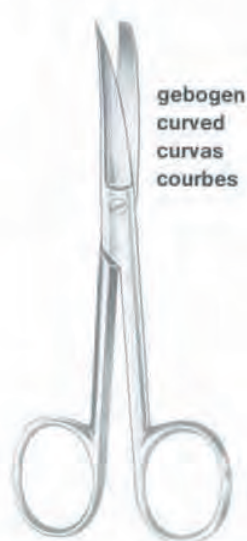
**TC**

 gerade  
straight  
rectas  
droits

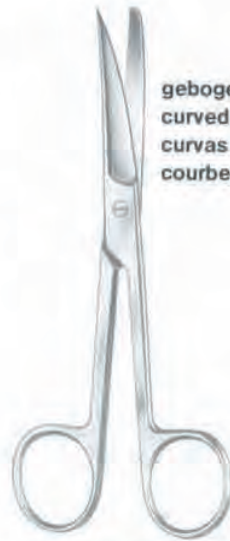
 Fig. 1  
02-001.14

 Fig. 2  
02-002.14

 Fig. 3  
02-003.14

 Standard TC  
14,5 cm / 5½"

**SCHEREN  
SCISSORS**
**Chirurgische Scheren – Operating Scissors  
Tijeras para cirugía – Ciseaux à chirurgie**

 gebogen  
curved  
curvas  
courbes

 gebogen  
curved  
curvas  
courbes

 gebogen  
curved  
curvas  
courbes

 gebogen  
curved  
curvas  
courbes

01-006.14  
14,5 cm / 5½"

mit extra grossen Ringen  
with extra large rings  
con anillos especialmente  
grandes  
avec grandes anneaux

Standard Fig. 1		Standard Fig. 2		Standard Fig. 3	
10,5 cm / 4"	01-007.10	01-008.10	01-009.10		
11,5 cm / 4½"	01-007.11	01-008.11	01-009.11		
13 cm / 5"	01-007.13	01-008.13	01-009.13		
14,5 cm / 5½"	01-007.14	01-008.14	01-009.14		
15,5 cm / 6"	01-007.15	01-008.15	01-009.15		
16,5 cm / 6½"	01-007.16	01-008.16	01-009.16		
17,5 cm / 7"	01-007.17	01-008.17	01-009.17		
18,5 cm / 7½"	01-007.18	01-008.18	01-009.18		
20 cm / 8"	01-007.20	01-008.20	01-009.20		

**TC**

 gebogen  
curved  
curvas  
courbes

Standard TC  
14,5 cm / 5½"



Fig. 1  
02-006.14



Fig. 2  
02-007.14



Fig. 3  
02-008.14



**SCHEREN**  
**SCISSORS**
**Chirurgische Scheren – Operating Scissors**  
**Tijeras para cirugía – Ciseaux à chirurgie**
**Standard**  
**Grazil**

 gerade  
 straight  
 rectas  
 droits

 Fig. 1  
 01-012.13  
 01-012.14

 Fig. 2  
 01-013.13  
 01-013.14

 Fig. 3  
 01-014.13  
 01-014.14

**Standard**  
**Grazil**

 gebogen  
 curved  
 curvas  
 courbes

 Fig. 1  
 01-015.13  
 01-015.14

 Fig. 2  
 01-016.13  
 01-016.14

 Fig. 3  
 01-017.13  
 01-017.14

 13 cm / 5"  
 14,5 cm / 5½"

 13 cm / 5"  
 14,5 cm / 5½"

**SCHEREN  
SCISSORS**

**Chirurgische Scheren – Operating Scissors  
Tijeras para cirugia – Ciseaux à chirurgie**



**Deaver**  
14,5 cm / 5½"

01-018.14  
gerade – straight  
rectas – droits



01-019.14  
gebogen – curved  
curvas – courbes



**Mixer**  
15,5 cm / 6"

01-020.15  
gerade – straight  
rectas – droits



01-021.15  
gebogen – curved  
curvas – courbes



**Lexen**  
16 cm / 6¼"

01-022.16  
gerade – straight  
rectas – droits



01-023.16  
gebogen – curved  
curvas – courbes



02-011.16  
gerade – straight  
rectas – droits



02-012.16  
gebogen – curved  
curvas – courbes

**SCHEREN  
SCISSORS**
**Chirurgische Scheren – Operating Scissors  
Tijeras para cirugía – Ciseaux à chirurgie**

Inzisionsscheren  
Incision Scissors  
Tijeras para incision  
Ciseaux à incision



13 cm / 5" 01-026.13  
14,5 cm / 5½" 01-026.14  
16,5 cm / 6½" 01-026.16



**Richter**  
01-028.14  
14,5 cm / 5½"



**Richter**  
01-029.14  
14,5 cm / 5½"



**Fergusson**  
01-030.18  
18 cm / 7"



**New Suture**  
01-031.14  
14,5 cm / 5½"



## SCHEREN SCISSORS

### Chirurgische und gynäkologische Scheren – Operating and gynecological Scissors Tijeras para cirugía y ginecología – Ciseaux à chirurgie et à ginecologie

**Mayo**



Mayo		Mayo TC	
gerade – straight rectas – droits	gebogen – curved curvas – courbes	gerade – straight rectas – droits	gebogen – curved curvas – courbes
14,5 cm / 5½"	01-035.14	02-015.14	02-016.14
15 cm / 6"	01-035.15	02-015.15	02-016.15
17 cm / 6¾"	01-035.17	02-015.17	02-016.17
23 cm / 9"	01-035.23	02-015.23	02-016.23
28 cm / 11"	01-035.28		

**Mayo-Stille**



Mayo-Stille		Mayo-Stille TC	
gerade – straight rectas – droits	gebogen – curved curvas – courbes	gerade – straight rectas – droits	gebogen – curved curvas – courbes
15 cm / 6"	01-037.15	02-017.15	02-018.15
17 cm / 6¾"	01-037.17	02-017.17	02-018.17
19,5 cm / 7¾"	01-037.19		
21 cm / 8¼"	01-038.21		



**SCHEREN  
SCISSORS**
**Chirurgische Scheren, Präparierscheren – Operating and Preparation Scissors  
Tijeras para cirugía y preparaciones – Ciseaux à chirurgie et à préparations**

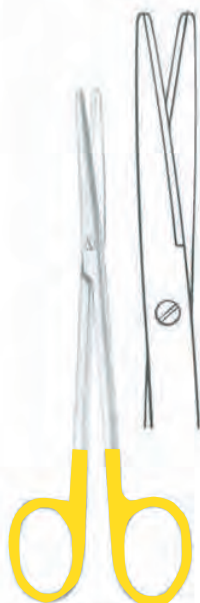

**SCHEREN**  
**SCISSORS**
**Präparierscheren – Dissecting Scissors**  
**Tijeras para preparaciones – Ciseaux à dissection**
**Metzenbaum**

 gerade  
 straight  
 rectas  
 droits

 Fig. 1  
 01-051.14  
 14,5 cm / 5½"

 Fig. 2  
 01-052.14  
 14,5 cm / 5½"

 Fig. 3  
 01-053.14  
 14,5 cm / 5½"

**TC**

**Metzenbaum TC**  
 02-021.14  
 14,5 cm / 5½"

**TC**

**Metzenbaum-Fino TC**  
 02-022.14  
 14,5 cm / 5½"

**TC**

**Metzenbaum-Fino TC**  
 02-023.14  
 14,5 cm / 5½"

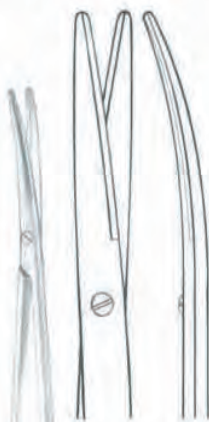
**SCHEREN  
SCISSORS**
**Präparierscheren – Dissecting Scissors  
Tijeras para preparaciones – Ciseaux à dissection**
**Metzenbaum**

 gebogen  
curved  
curvas  
courbes

 Fig. 1  
01-054.14  
14,5 cm / 5½"

 Fig. 2  
01-055.14  
14,5 cm / 5½"

 Fig. 3  
01-056.14  
14,5 cm / 5½"

**TC**

**Metzenbaum TC**  
02-026.14  
14,5 cm / 5½"

**TC**

**Metzenbaum-Fino TC**  
02-027.14  
14,5 cm / 5½"

**TC**

**Metzenbaum-Fino TC**  
02-028.14  
14,5 cm / 5½"

 gebogen  
curved  
curvas  
courbes




**SCHEREN  
SCISSORS**
**Präparierscheren – Dissecting Scissors  
Tijeras para preparaciones – Ciseaux à dissection**

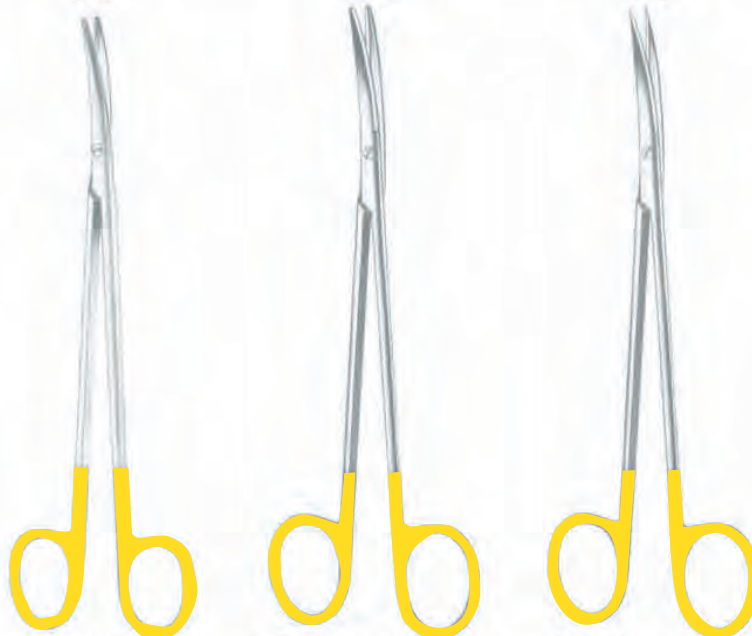

Metzenbaum-Fino				Metzenbaum	
gerade – straight – rectas – droits				gerade – straight – rectas – droits	
18 cm / 7"	01-057.18	01-058.18		01-059.18	01-060.18
20 cm / 8"	01-057.20	01-058.20		01-059.20	01-060.20
23 cm / 9"	01-057.23	01-058.23		01-059.23	01-060.23
25 cm / 10"	01-057.25	01-058.25		01-059.25	01-060.25
28 cm / 11"	01-057.28	01-058.28		01-059.28	01-060.28
30 cm / 12"		01-058.30		01-059.30	01-060.30

**TC****TC****TC**
 gerade  
 straight  
 rectas  
 droits
**Metzenbaum TC****Metzenbaum-Fino TC****Metzenbaum-Fino TC**

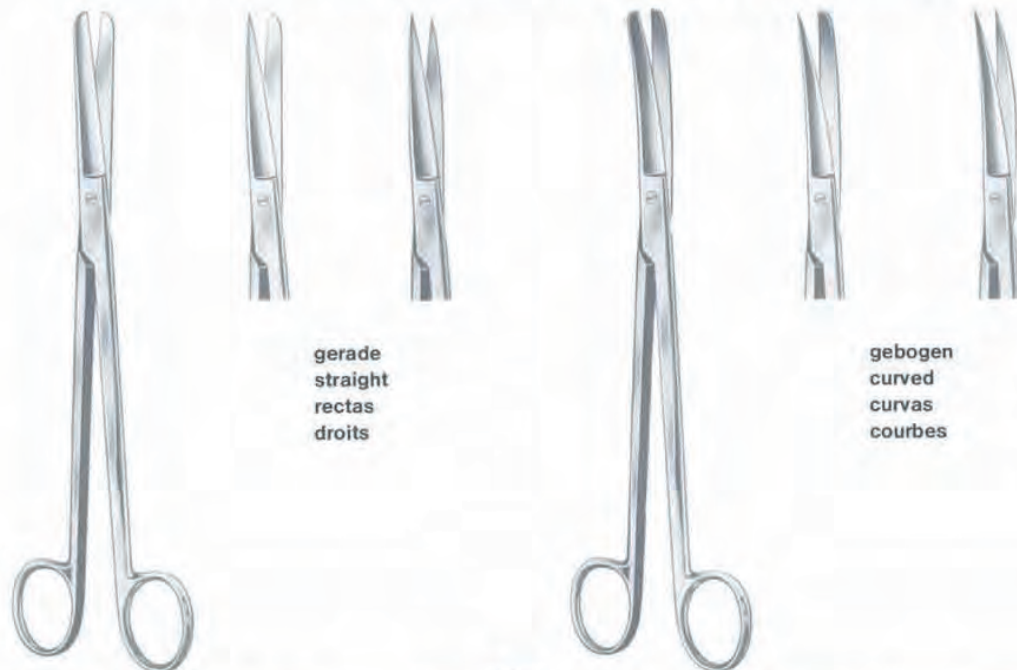
18 cm / 7"	02-031.18	02-032.18	02-033.18
20 cm / 8"	02-031.20	02-032.20	02-033.20
23 cm / 9"	02-031.23	02-032.23	02-033.23
25 cm / 10"	02-031.25	02-032.25	
28 cm / 11"	02-031.28	02-032.28	

**SCHEREN  
SCISSORS**
**Präparierscheren – Dissecting Scissors  
Tijeras para preparaciones – Ciseaux à dissection**


<b>Metzenbaum-Fino</b>				<b>Metzenbaum</b>			
gebogen – curved – curvas – courbes				gebogen – curved – curvas – courbes			
18 cm / 7"	01-063.18	01-064.18		01-065.18		01-066.18	
20 cm / 8"	01-063.20	01-064.20		01-065.20		01-066.20	
23 cm / 9"	01-063.23	01-064.23		01-065.23		01-066.23	
25 cm / 10"	01-063.25	01-064.25		01-065.25		01-066.25	
28 cm / 11"	01-063.28	01-064.28		01-065.28		01-066.28	
30 cm / 12"	01-063.30	01-064.30		01-065.30		01-066.30	

**TC****TC****TC**
 gebogen  
 curved  
 curvas  
 courbes
**Metzenbaum TC****Metzenbaum-Fino TC****Metzenbaum-Fino TC**

18 cm / 7"	02-036.18	02-037.18	02-038.18
20 cm / 8"	02-036.20	02-037.20	02-038.20
23 cm / 9"	02-036.23	02-037.23	02-038.23
25 cm / 10"	02-036.25	02-037.25	
28 cm / 11"	02-036.28	02-037.28	

**SCHEREN  
SCISSORS**
**Gynäkologische Scheren – Gynecological Scissors  
Tijeras para ginecologia – Ciseaux à gynécologie**


gerade  
straight  
rectas  
droits

gebogen  
curved  
curvas  
courbes

**Sims**

20 cm / 8"	01-069.20	01-070.20	01-071.20	01-072.20	01-073.20	01-074.20
23 cm / 9"	01-069.23	01-070.23	01-071.23	01-072.23	01-073.23	01-074.23

**Kephalotom-Scheren  
Cephalotomy-Scissors  
Tijeras para decapitacion  
Ciseaux à détroncation  
27 cm / 10 1/4"**



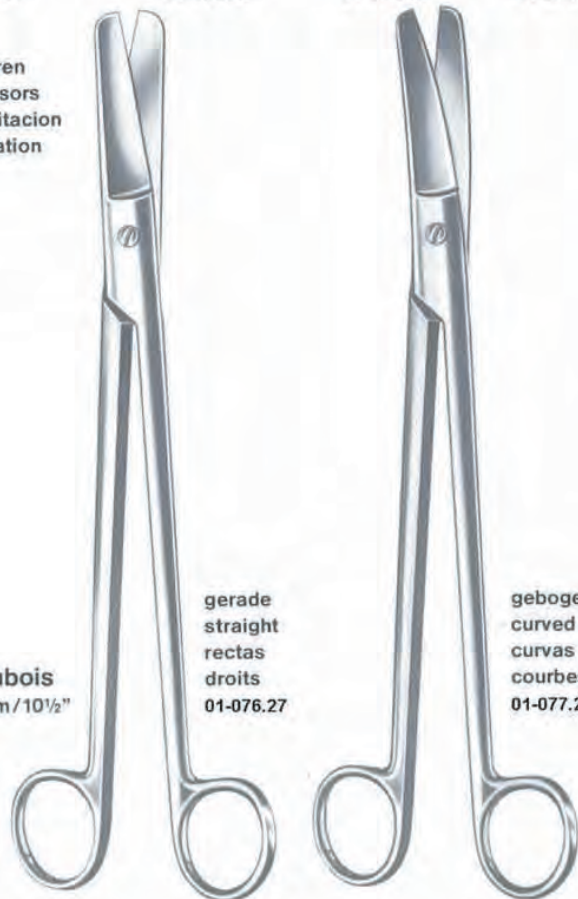
**Wertheim**

14,5 cm / 5 3/4"	01-075.14
19,5 cm / 7 3/4"	01-075.19
22,5 cm / 9"	01-075.22

**Dubois  
27 cm / 10 1/2"**

gerade  
straight  
rectas  
droits  
**01-076.27**

gebogen  
curved  
curvas  
courbes  
**01-077.27**





**SCHEREN  
SCISSORS**
**Bauchdecken- und gynäkologische Scheren – Abdominal and Gynecological Scissors  
Tijeras abdominales y para ginecología – ciseaux abdominaux et à gynécologie**


**Doyen**  
16 cm / 6¼"  
01-080.16

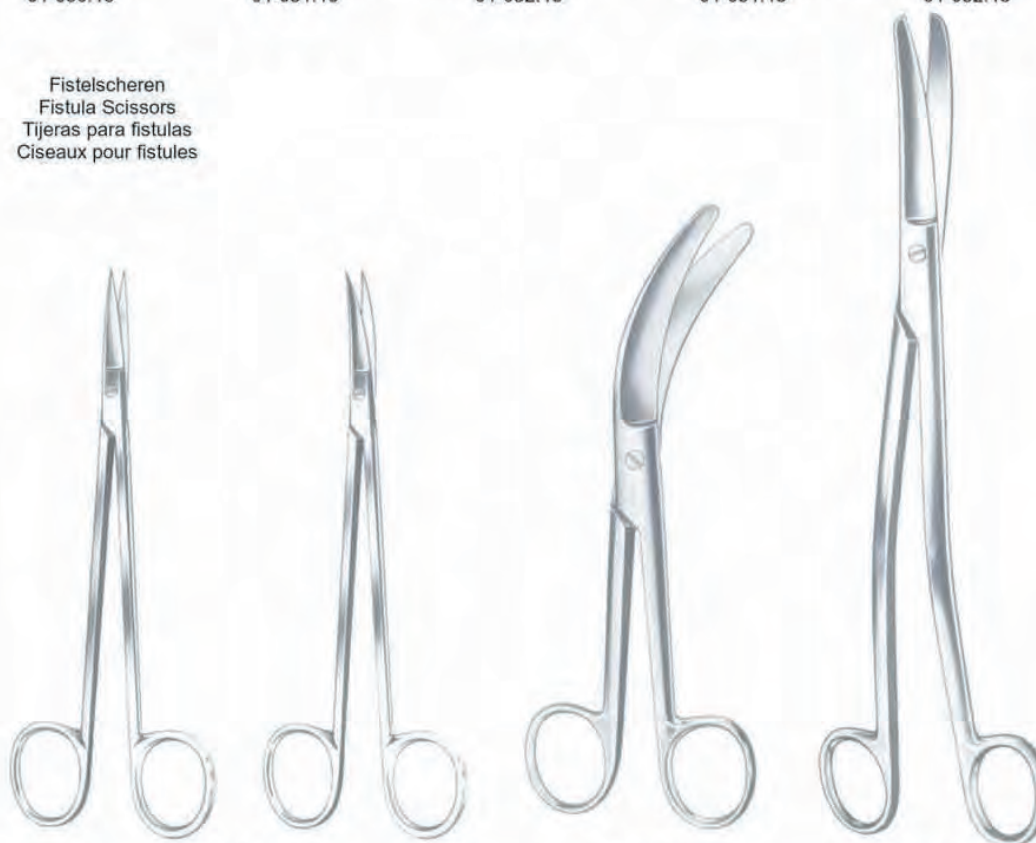
**Doyen**  
16 cm / 6¼"  
01-081.16

**Doyen**  
16 cm / 6¼"  
01-082.16

**Doyen**  
17,5 cm / 7"  
01-081.18

**Doyen**  
17,5 cm / 7"  
01-082.18

Fistelscheren  
Fistula Scissors  
Tijeras para fistulas  
Ciseaux pour fistules



**Kelly**  
16 cm / 6¼"  
01-083.16  
18 cm / 7"  
01-083.18

**Kelly**  
16 cm / 6¼"  
01-084.16  
18 cm / 7"  
01-084.18

**Vezien**  
01-085.16  
18 cm / 7"

**Siebold**  
01-086.24  
24 cm / 9½"

**SCHEREN  
SCISSORS**

**Feine chirurgische Scheren – Fine Operating Scissors  
Tijeras finas para cirugía – Ciseaux fins à chirurgie**



Fig. 1  
01-087.12



Fig. 2  
01-088.12



Fig. 3  
01-089.12

gerade  
straight  
rectas  
droits  
12 cm / 4 3/4"



Fig. 1  
01-090.12



Fig. 2  
01-091.12



Fig. 3  
01-092.12

gebogen  
curved  
curvas  
courbes  
12 cm / 4 3/4"



gerade – straight  
rectas – droits  
01-093.11  
11 cm / 4 1/4"



gebogen – curved  
curvas – courbes  
01-094.11  
11 cm / 4 1/4"



Wagner  
12 cm / 4 3/4"



Fig. 1  
01-095.12



Fig. 2  
01-096.12



Fig. 3  
01-097.12

gerade  
straight  
rectas  
droits

gebogen  
curved  
curvas  
courbes



Fig. 1  
01-098.12

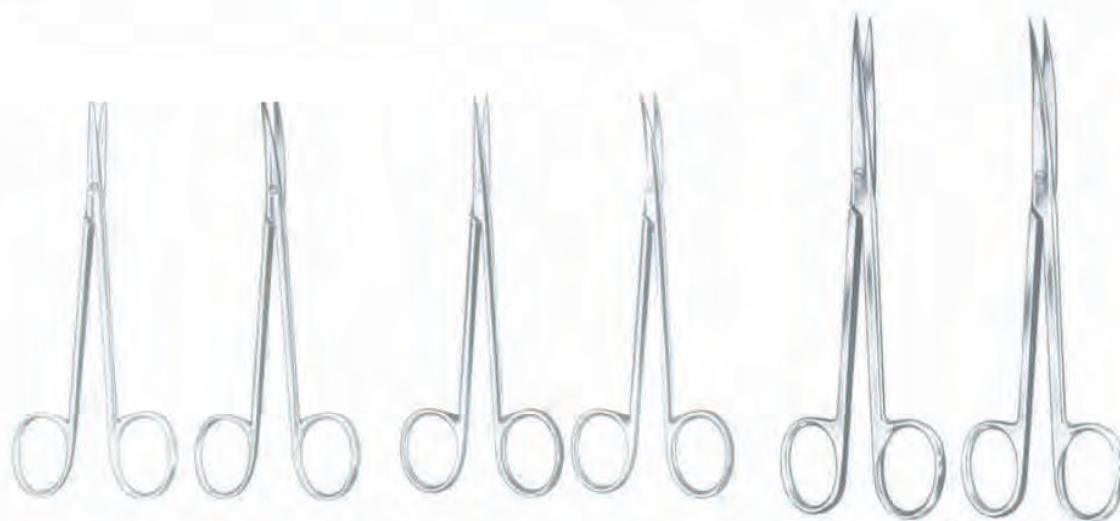


Fig. 2  
01-099.12



Fig. 3  
01-100.12



**SCHEREN**  
**SCISSORS**
**Feine chirurgische Scheren – Fine Operating Scissors**  
**Tijeras finas para cirugia – Ciseaux fins chirurgiaux**


gerade – straight	gebogen – curved	gerade – straight	gebogen – curved	<b>Brophy (Sullivan)</b>	gerade – straight	gebogen – curved
rectas – droits	curvas – courbes	rectas – droits	curvas – courbes		rectas – droits	curvas – courbes
01-103.11	01-104.11	01-105.11	01-106.11		01-107.14	01-108.14
11,5 cm / 4½"	11,5 cm / 4½"	11,5 cm / 4½"	11,5 cm / 4½"		14,5 cm / 5½"	14,5 cm / 5½"



<b>Reynolds</b>		<b>Landolt</b>			
Gerade – straight	Gebogen – curved				
Rectas – droits	Curvas – courbes				
15 cm / 6"	01-109.15	01-110.15	01-111.12	01-112.12	01-113.12
18 cm / 7"	01-109.18	01-110.18			01-114.12

**SCHEREN**  
**SCISSORS**
**Feine Scheren – Fine Scissors**  
**Tijeras finas– Ciseaux fins**


Standard					
9 cm / 3½"				01-118.09	01-119.09
10,5 cm / 4 1/8"	01-115.10	01-116.10		01-118.10	01-119.10
11,5 cm / 4 ½"	01-115.11	01-116.11	01-117.11	01-118.11	01-119.11



01-120.09  
9 cm / 3½"

gerade – straight  
rectas – droits  
01-121.14  
14,5 cm / 5½"

**Sanvenero**

gebogen – curved  
curvas – courbes  
01-122.14  
14,5 cm / 5½"

**Walton**  
01-123.10  
10 cm / 4"

**SCHEREN  
SCISSORS**
**Feine Scheren – Fine Scissors  
Tijeras finas – Ciseaux fins**


**Baby-Lexer**  
gerade – straight  
rectas – droits  
01-124.10  
10 cm / 4"



gebogen – curved  
curvas – courbes  
01-125.10  
10 cm / 4"



gerade – straight  
rectas – droits  
01.126.13  
13 cm / 5"

gebogen – curved  
curvas – courbes  
01-127.13  
13 cm / 5"

**Scheren für plastische Operationen – Plastic Surgery Scissors  
Tijeras para operaciones plásticas – Ciseaux pour opérations plastiques**


01-130.14  
14 cm / 5½"

**Joseph**



01-131.14  
14 cm / 5½"

gebogen – curved  
curvas – courbes



**Kilner**  
12 cm / 4¾" 01-132.12  
15 cm / 6" 01-132.15



**SCHEREN  
SCISSORS**

**Gefäßsscheren – Vascular Scissors  
Tijeras vasculares – Ciseaux vasculaires**



01-133.14  
14,5 cm / 5½"

Coronar-Schere  
Coronary-Scissors  
Tijera coronaria  
Ciseaux coronaires



01-135.11  
11,5 cm / 4 ½"



**Potts-Smith**  
01-136.19  
19,5 cm / 7¾"



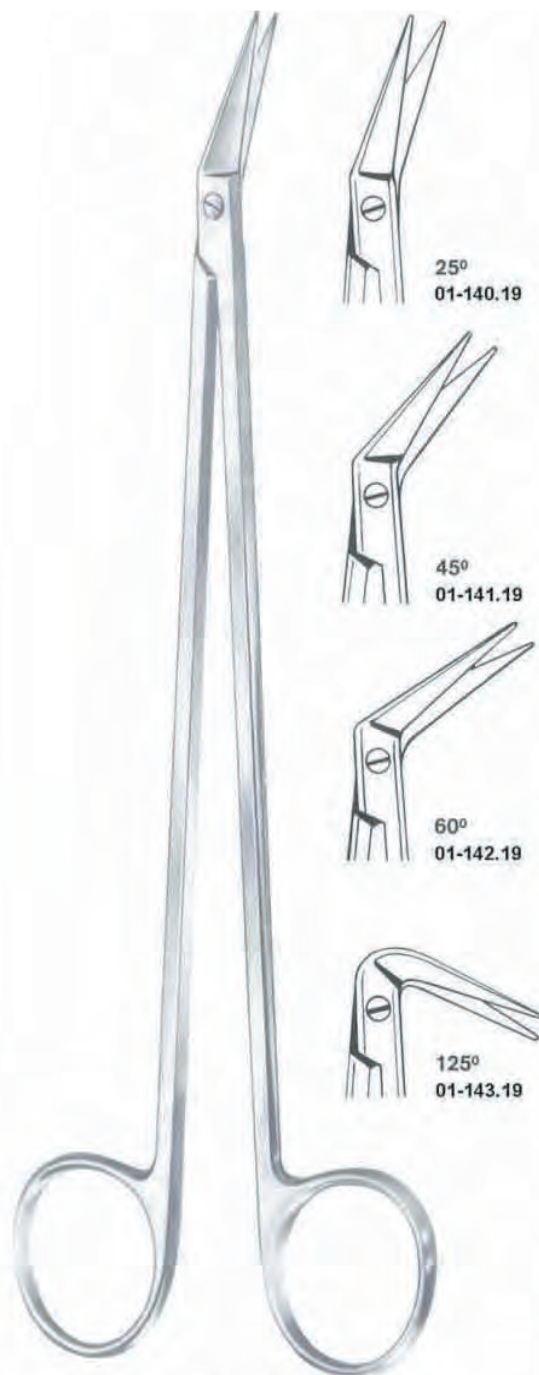
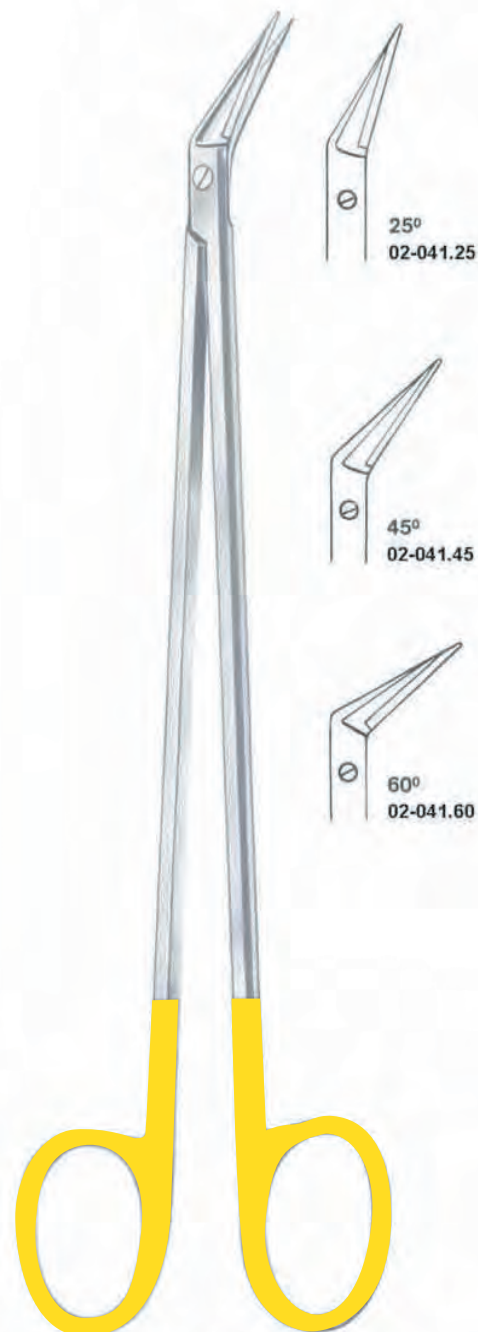
**De Bakey**  
01-137.15  
15,5 cm / 6"



**De Bakey**  
01-138.15  
15,5 cm / 6"



**Favaloro**  
01-139.15  
15 cm / 6"

**SCHEREN  
SCISSORS**
**Scheren für Gefäß-Chirurgie – Scissors for Vascular-Surgery  
Tijeras para cirugía vasculares – Ciseaux pour chirurgie vasculaires**
**TC**

**Potts-Smith**  
 19 cm / 7½"

**Potts-Smith TC**  
 19 cm / 7½"

**SCHEREN  
SCISSORS**

**Knorpelschere – Cartilage Scissors  
Tijeras para cartilago – Ciseaux pour le cartilage**



gezahnt – saw edge  
dentadas – dentelés

**Martin-Cartilage**  
01-144.19  
20 cm / 8"



**Mc Indoe**  
01-145.19  
19 cm / 7½"



**Potts-Smith**  
01-146.19  
19 cm / 7½"

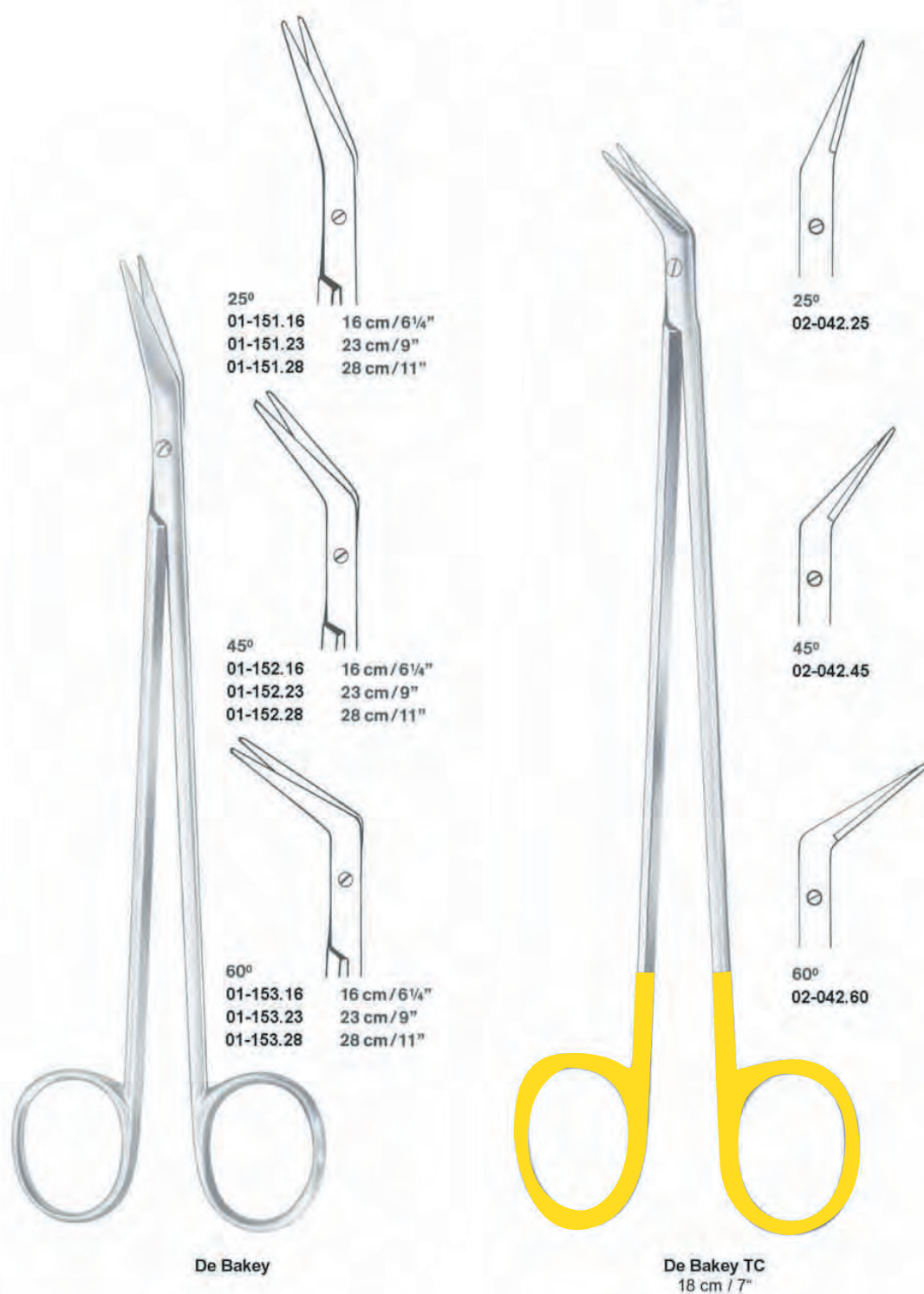
Gefäßscheren  
Vascular Scissors  
Tijeras vasculares  
Ciseaux vasculaires



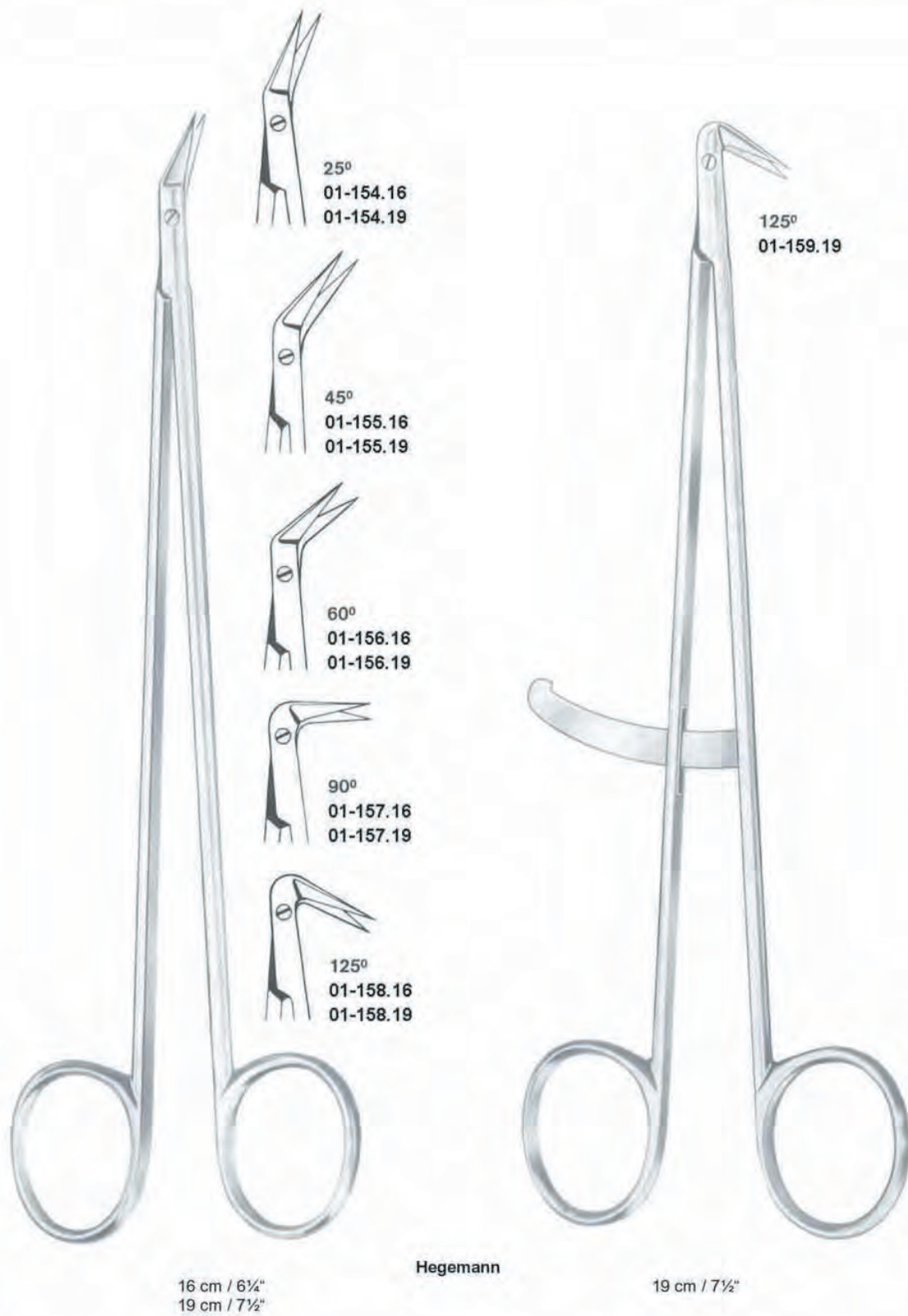
**Satinsky**  
01-147.24  
24,5 cm / 10"



**Klingenberg-Loth**  
01-148.23  
23 cm / 9"

**SCHEREN  
SCISSORS**
**Gefäßsscheren – Vascular Scissors  
Tijeras vasculares – Ciseaux vasculaires**
**TC**


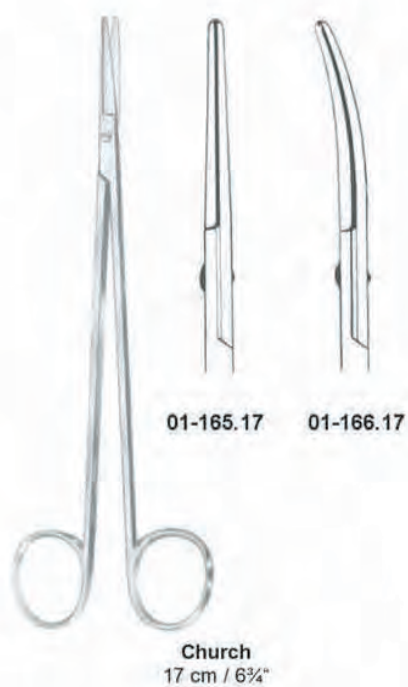


**SCHEREN  
SCISSORS**
**Scheren für Gefäß-Chirurgie – Scissors for Vascular-Surgery  
Tijeras para cirugía vasculares – Ciseaux pour chirurgie vasculaires**




**SCHEREN  
SCISSORS**

**Gefäßsscheren – Vascular Scissors  
Tijeras vasculares – Ciseaux vasculaires**



## SCHEREN SCISSORS

Nerv-Präparierschere  
Nerve dissecting Scissors  
Tijeras para nervios  
Ciseaux pour nerfs



01-068.15  
15 cm / 6"

Tonsillenscheren  
Tonsil Scissors  
Tijeras para amígdalas  
Ciseaux pour les amygdales



**Böttcher**  
01-169.18  
18 cm / 7"



**Prince**  
01-170.17  
17,5 cm / 7"

## TC

Präparierscheren  
Preparation Scissors  
Tijeras para preparaciones  
Ciseaux à dissection



**Tönnis**  
gerade – straight  
rectas – droits  
01-171.18  
18 cm / 7"



gebogen – curved  
curvas – courbes  
01-172.18  
18 cm / 7"



**Tönnis-Adson**  
01-173.17  
17,5 cm / 7"



**Tönnis-Adson TC**  
02-045.17  
17,5 cm / 7"

## SCHEREN SCISSORS

Tonsillenscheren  
Tonsil Scissors  
Tijeras para amígdalas  
Ciseaux pour les amygdales



**Good**  
01-174.19  
19 cm / 7½"



**Good-Schweckendick**  
01-175.19  
19 cm / 7½"

gezahnt  
saw edge  
dentadas  
dentelés

Lungenlappenscheren  
Lobectomy Scissors  
Tijeras para lobectomia  
Ciseaux à lobectomie



**Crafoord**  
01-176.30  
30 cm / 12"



**Finochietto**  
01-177.27  
27 cm / 10¾"

## Darmscheren – Enterotomy Scissors Tijeras enterótomos – Ciseaux-entérotomes



01-178.21  
21 cm / 8¼"



01-179.21  
21 cm / 8¼"



01-180.21  
21 cm / 8¼"

**SCHEREN  
SCISSORS**
**Nabelschnurscheren – Umbilical Scissors  
Tijeras umbilicales – Ciseaux pour le cordon ombilical**


**Busch**  
 13 cm / 5" 01-181.13  
 16 cm / 6¼" 01-181.16



**Schumacher**  
 01-182.16  
 16 cm / 6¼"



**Mod. USA**  
 01-183.10  
 10,5 cm / 4"

**Damm- (Episiotomie-) Scheren  
Tijeras para perineo (para episiotomia)  
Perineum (Episiotomy) Scissors  
Ciseaux à périnée (à épisiotomie)**


**Braun-Stadler**  
 01-186.14  
 14 cm / 5½"



**Braun-Stadler**  
 01-187.21  
 21 cm / 8¼"



**Braun-Stadler**  
 01-188.22  
 22 cm / 8¾"



**SCHEREN  
SCISSORS**



**Waldmann**  
01-190.18  
18 cm / 7"

**Nasen-Scheren**  
**Nasal-Scissors**  
**Tijeras nasales**  
**Ciseaux nasaux**



**Heymann**  
01-191.18  
18 cm / 7"



**Heymann**  
01-192.19  
19,5 cm / 7½"



**Knight**  
01-193.18  
18 cm / 7"

**SCHEREN  
SCISSORS**

**Nasenscheren – Nasal-Scissors  
Tijeras nasales – Ciseaux nasaux**



**Fomon**  
01-194.13  
13 cm / 5"



**Fomon**  
01-195.13  
13,5 cm / 5¼"



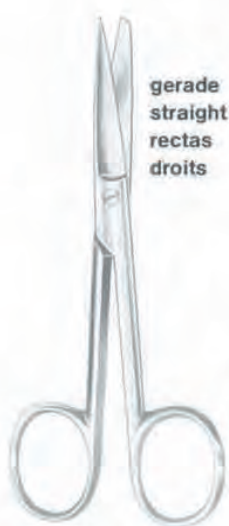
**Fomon**  
01-196.13  
13,5 cm / 5¼"

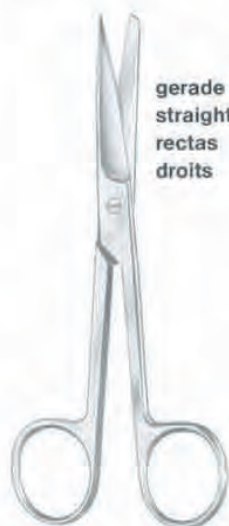


**Cottle**  
01-197.16  
16 cm / 6½"



**Halle**  
01-198.19  
19 cm / 7½"

**SCHEREN  
SCISSORS**
**Chirurgische Scheren – Operating Scissors  
Tijeras para cirugía – Ciseaux à chirurgie**

 gerade  
straight  
rectas  
droits

 gerade  
straight  
rectas  
droits

 gerade  
straight  
rectas  
droits

 gerade  
straight  
rectas  
droits

 Standard  
Fig. 1

 Standard  
Fig. 2

 Standard  
Fig. 3

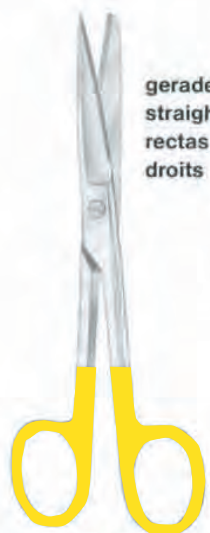
 01-000.14  
14,5 cm / 5½"  
mit extra grossen Ringen  
with extra large rings  
con anillos especialmente  
grandes  
avec grandes anneaux

 10,5 cm / 4"  
11,5 cm / 4½"  
13 cm / 5"  
14,5 cm / 5½"  
15,5 cm / 6"  
16,5 cm / 6½"  
17,5 cm / 7"  
18,5 cm / 7½"  
20 cm / 8"

 01-001.10  
01-001.11  
01-001.13  
01-001.14  
01-001.15  
01-001.16  
01-001.17  
01-001.18  
01-001.20

 01-002.10  
01-002.11  
01-002.13  
01-002.14  
01-002.15  
01-002.16  
01-002.17  
01-002.18  
01-002.20

 01-003.10  
01-003.11  
01-003.13  
01-003.14  
01-003.15  
01-003.16  
01-003.17  
01-003.18  
01-003.20

**TC**

 gerade  
straight  
rectas  
droits

 Standard TC  
14,5 cm / 5½"

 Fig. 1  
02-001.14

 Fig. 2  
02-002.14

 Fig. 3  
02-003.14

## SCHEREN SCISSORS

### Mikroscheren, Iridektomiescheren – Micro-, Iris-Scissors Micro Tijeras, Pinzas-tijeras para iridectomia – Micro-ciseaux, Ciseaux à iridectomie



**Barraquer**  
5,5 cm / 2¼"

Blätter	5 mm	03-011.05
Cutting blades	7 mm	03-011.07
Hojas cortantes	10 mm	03-011.10
Lames tranchantes		



**Westcott**  
03-012.11  
11,5 cm / 4½"



**Westcott**  
03-013.11  
11,5 cm / 4½"



03-014.09  
9 cm / 3½"



03-015.09



03-016.09



03-017.09



03-018.09



**SCHEREN  
SCISSORS**

**Iridektomiescheren, Nachstarscheren – Iridectomy Scissors, Secadary Cataract Scissors**  
**Pinzas Tijeras para iridectomia y para catarata secundaria – Ciseaux à iridectomie,**  
**Ciseaux pour le cataracte secondaire**



gerade  
straight  
rectas  
droits

**Vannas**  
03-019.08  
8 cm / 3 1/4"



gebogen  
curved  
curvas  
courbes

**Vannas**  
03-020.08  
8 cm / 3 1/4"



kniegebogen  
angular  
acodadas  
coudés

**Vannas**  
03-021.08  
8 cm / 3 1/4"



aufgewinkelt  
angled up  
acodadas hacia arriba  
coudés vers le haut

**Vannas**  
03-022.08  
8 cm / 3 1/4"



gerade  
straight  
rectas  
droits

03-023.08  
8,5 cm / 3 1/2"



gebogen  
curved  
curvas  
courbes

03-024.08  
8,5 cm / 3 1/2"



kniegebogen  
angular  
acodadas  
coudés

03-025.08  
8,5 cm / 3 1/2"



aufgewinkelt  
angled up  
aconadas hacia arriba  
coudés vers le haut

03-026.08  
8,5 cm / 3 1/2"

**Vannas Mod. Tübingen**

**SCHEREN**  
**SCISSORS**
**Iridektomiescheren – Iridectomy Scissors**  
**Pinzas, Tijeras para iridectomia – Ciseaux à iridectomie**

 03-029.10  
 10 cm / 4"

 03-030.10  
 10 cm / 4"

**Castroviejo**  
 03-031.10  
 10 cm / 4"

**Castroviejo**  
 03-032.10  
 10 cm / 4"

**Troutman**  
 03-033.10  
 10 cm / 4"

**Troutman**  
 03-034.10  
 10 cm / 4"

 03-035.10  
 10 cm / 4"

**Katzin-Barraquer**

 03-036.10  
 10 cm / 4"

**SCHEREN  
SCISSORS**
**Iridektomiescheren – Iridectomy Scissors  
Pinzas-Tijeras para iridectomia – Ciseaux à iridectomie**


**Katzin**  
03-037.10  
10 cm / 4"



**Katzin**  
03-038.10  
10 cm / 4"



**Westcott**  
03-039.11  
11 cm / 4½"



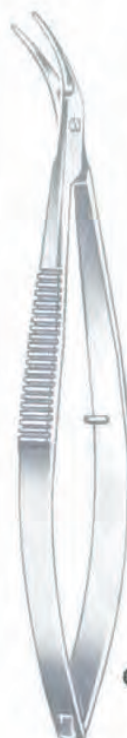
**Westcott**  
03-040.11  
11 cm / 4½"



**Castroviejo**  
03-041.10  
10 cm / 4"



**Castroviejo**  
03-042.10  
10 cm / 4"



**Castroviejo**  
03-043.11  
11 cm / 4½"

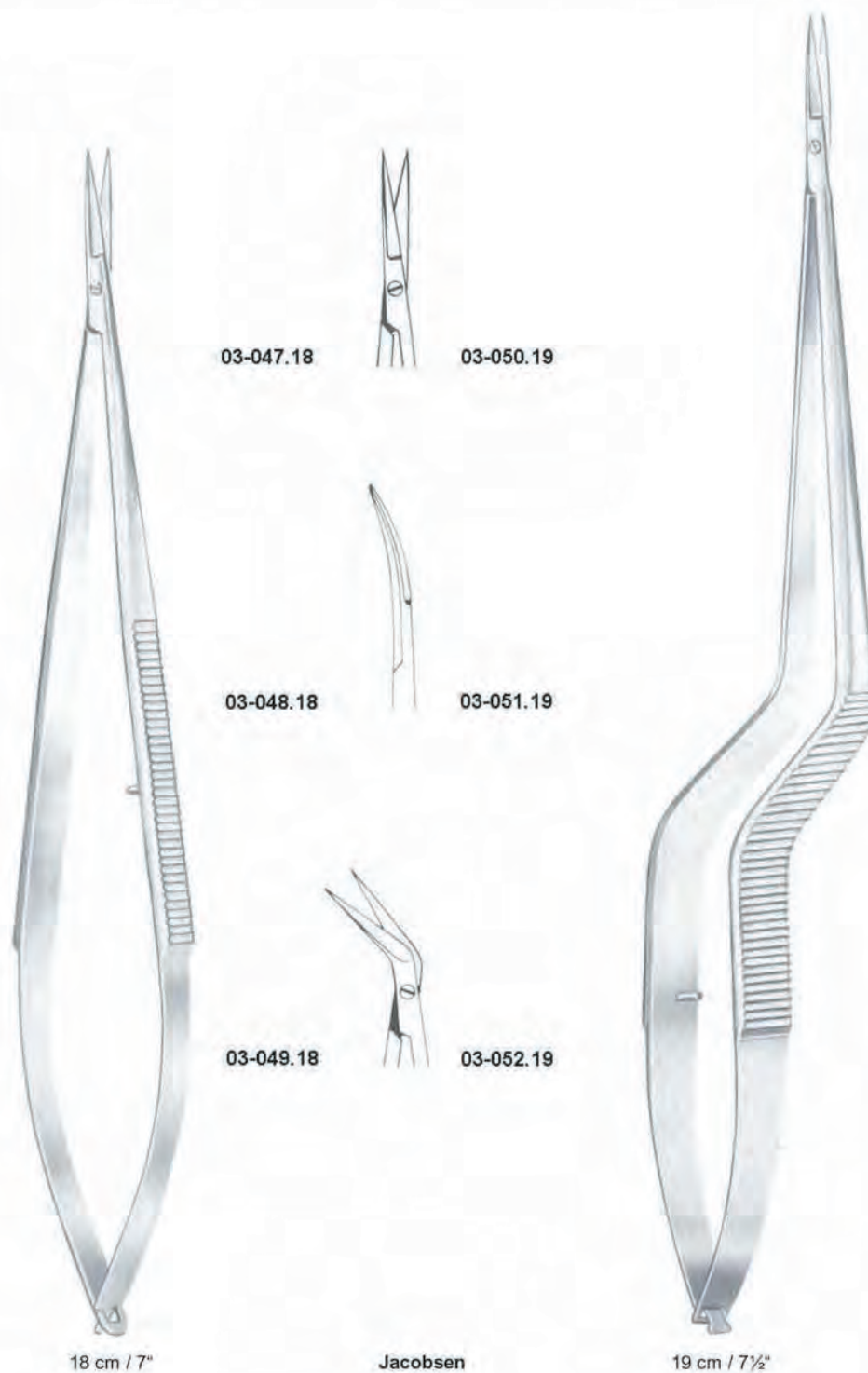


**Castroviejo**  
03-044.11  
11 cm / 4½"



**SCHEREN  
SCISSORS**

**Scheren für Gefäß-Chirurgie – Scissors for Vascular-Surgery  
Tijeras para cirugía vasculares – Ciseaux pour chirurgie vasculaires**





**SCHEREN  
SCISSORS**
**Augenscheren, Feine Scheren – Eye Scissors, Fine Scissors  
Tijeras oculares, Tijeras finas – Ciseaux oculaires, Ciseaux fins**


01-201.03



01-201.02



01-201.01

 gerade  
straight  
rectas  
droites


01-202.03



01-202.02



01-202.01

 gebogen  
curved  
curvas  
courbes

 gerade – straight  
rectas – droites  
01-203.12  
12 cm / 4¾"

 gebogen – curved  
curvas – courbes  
01-204.12  
12 cm / 4¾"

TC

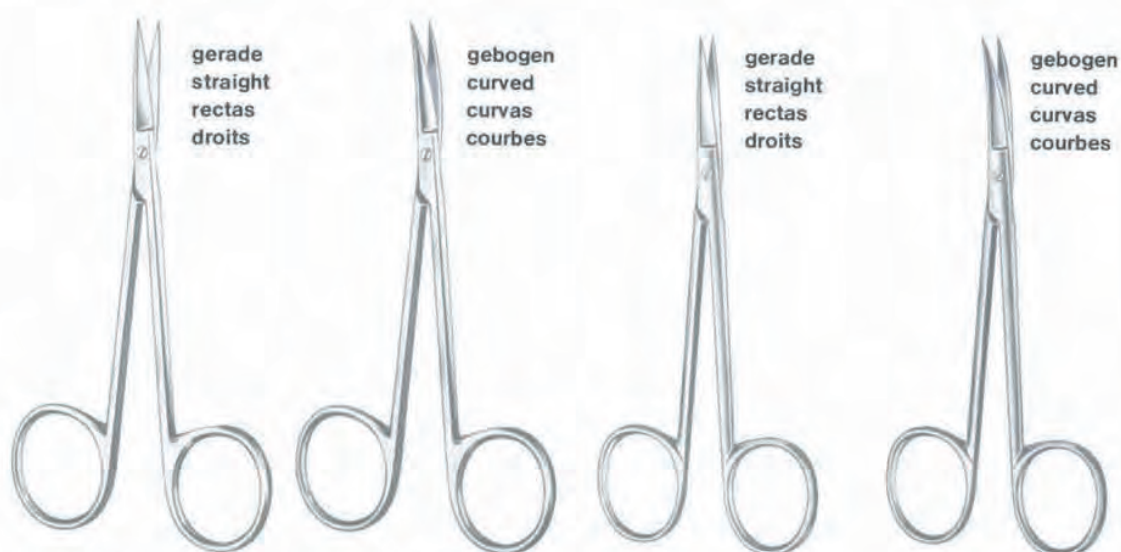
TC


 gerade – straight  
rectas – droites  
02-046.11  
11,5 cm / 4½"

 gebogen – curved  
curvas – courbes  
02-047.11  
11,5 cm / 4½"

**SCHEREN  
SCISSORS**
**Augenscheren – Eye Scissors  
Tijeras oculares – Ciseaux oculaires**


Standard				
9 cm / 3½"	01-205.09	01-206.09		
10,5 cm / 4"	01-205.10	01-206.10		
11,5 cm / 4½"	01-205.11	01-206.11	01-207.11	01-208.11



Fino		Fino			
9,5 cm / 3¾"				01-220.09	01-221.09
10,5 cm / 4"	01-209.10	01-210.10		01-220.10	01-221.10
11,5 cm / 4½"	01-209.11	01-210.11		01-220.11	01-221.11

**SCHEREN  
SCISSORS**
**Augenscheren – Eye Scissors  
Tijeras oculares – Ciseaux oculaires**

**Fino**  
 gerade – straight  
 rectas – droits

 9,5 cm / 3¾" 01-224.09  
 10,5 cm / 4" 01-224.10  
 11,5 cm / 4½" 01-224.11

**Fino**  
 gebogen – curved  
 curvas – courbes

 01-225.09  
 01-225.10  
 01-225.11

 gerade – straight  
 rectas – droits  
 01-226.10  
 10 cm / 4"

 mit großen Ringen  
 with large rings  
 con anillos  
 especialmente grandes  
 avec grandes anneaux

 gebogen – curved  
 curvas – courbes  
 01-227.10  
 10 cm / 4"

**Sehnenscheren  
Tenotomy Scissors  
Tijeras para tenotomía  
Ciseaux à ténatomie**

**Stevens**

 10,5 cm / 4 1/8" 01-228.10  
 11,5 cm / 4½" 01-228.11

 spitz  
 agudas  
 pointed  
 pointues

 gebogen  
 curved  
 curvas  
 courbes

 stumpf  
 romas  
 blunt  
 mousses

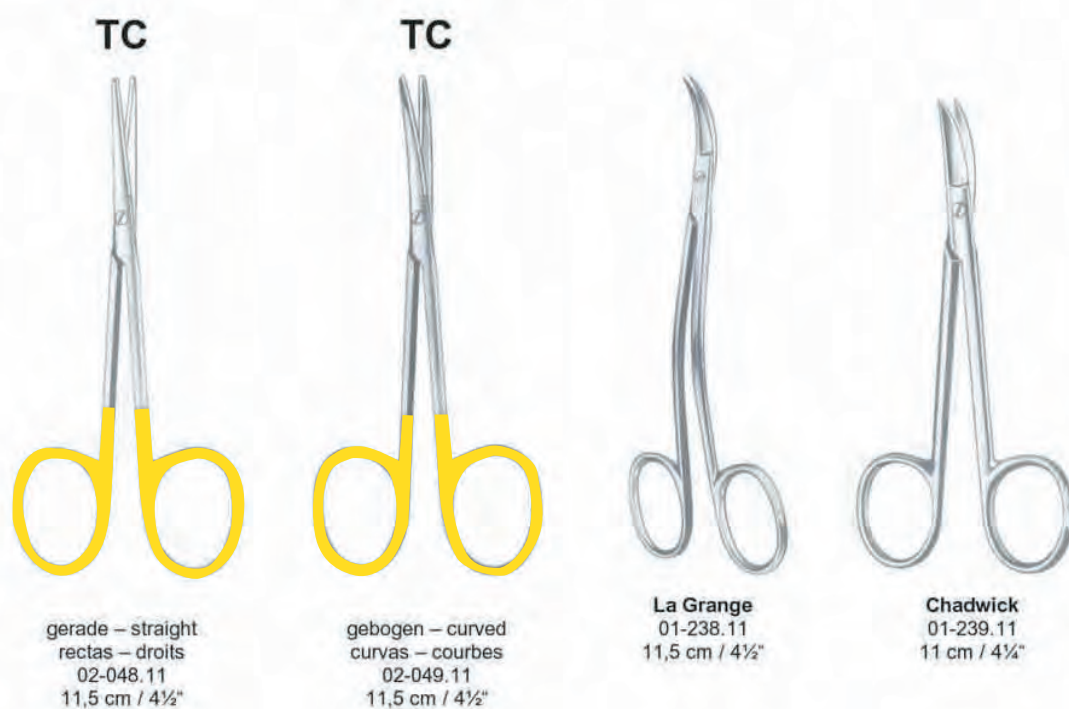
 gerade  
 straight  
 rectas  
 droits

 gebogen  
 curved  
 curvas  
 courbes

 gerade – straight  
 rectas – droits  
 01-232.08  
 8 cm / 3¼"

**Mod. Bonn**  
 gebogen – curved  
 curvas – courbes  
 01-233.08  
 8 cm / 3¼"



**SCHEREN  
SCISSORS**
**Augenscheren – Eye Scissors  
Tijeras oculares – Ciseaux oculaires**




**SCHEREN  
SCISSORS**
**Augenscheren – Eye Scissors  
Tijeras oculares – Ciseaux oculaires**


gerade – straight  
rectas – droits  
01-240.02  
10 cm / 4"



gebogen – curved  
curvas – courbes  
01-240.03  
10 cm / 4"



gerade – straight  
rectas – droits  
01-242.02  
10 cm / 4"



gebogen – curved  
curvas – courbes  
01-242.03  
10 cm / 4"



gerade – straight  
rectas – droits  
01-243.02  
9,5 cm / 3¾"



gebogen – curved  
curvas – courbes  
01-243.03  
9,5 cm / 3¾"



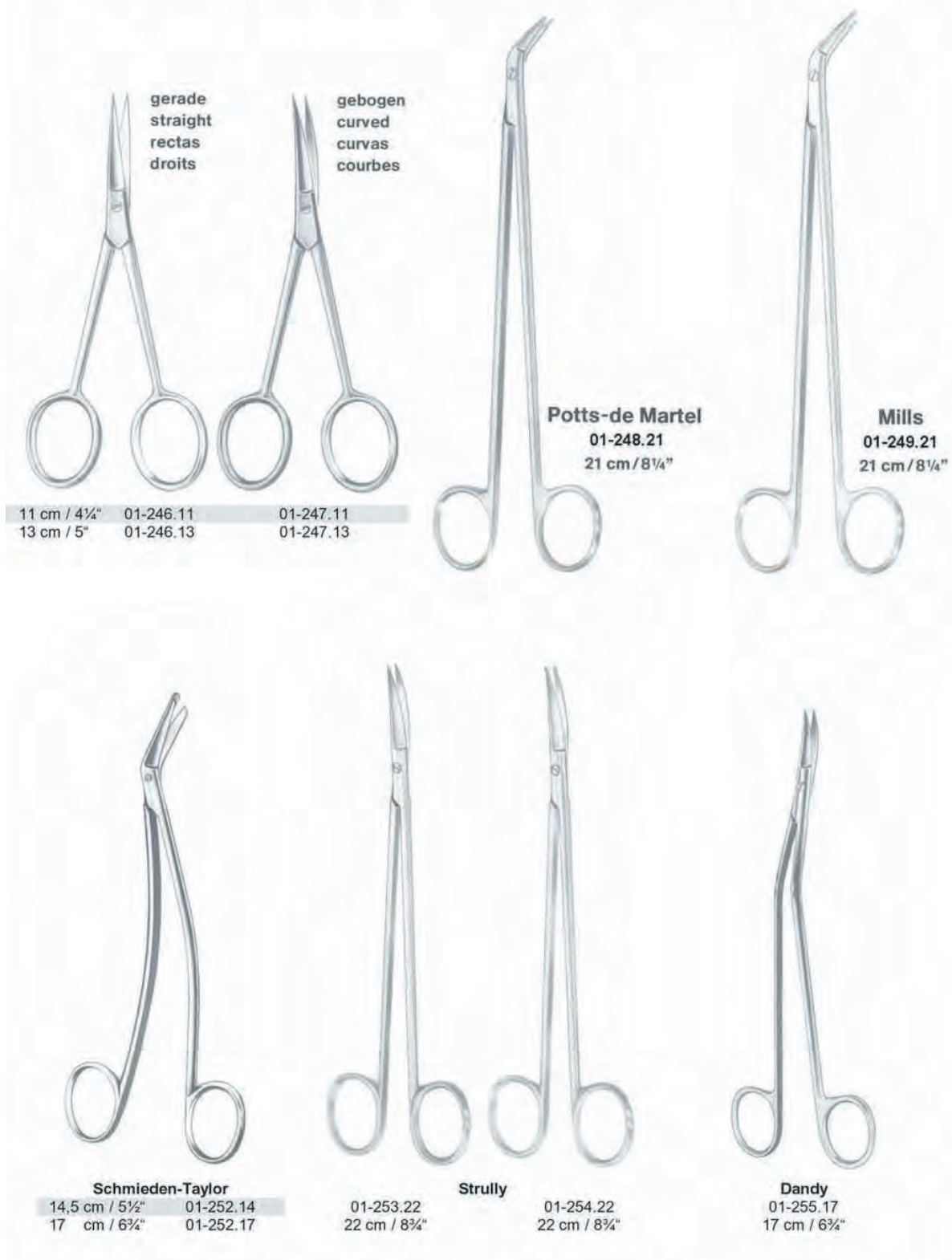
gerade – straight  
rectas – droits  
01-245.02  
9,5 cm / 3¾"



gebogen – curved  
curvas – courbes  
01-245.03  
9,5 cm / 3¾"

**SCHEREN  
SCISSORS**

**Präparier- (Anatomie) Scheren – Neurochirurgische Scheren**  
**Dissecting Scissors – Neurosurgical Scissors**  
**Tijeras para disección – Tijeras para neurocirugia**  
**Ciseaux à préparation – Ciseaux pour neurochirurgie**



**SCHEREN  
SCISSORS****Ligaturscheren – Ligature Scissors  
Tijeras para ligaduras – Ciseaux à ligatures**

**Littauer**  
01-256.14  
14 cm / 5½"



**Spencer**  
01-257.09  
9 cm / 3½"



**Spencer**  
01-257.10  
10,5 cm / 4 1/8"



**Spencer**  
01-257.12  
12 cm / 4¾"



**Spencer-Fino**  
01-258.11  
11 cm / 4¼"



01-259.16  
16 cm / 6¼"



**Shortbent**  
01-260.09  
9 cm / 3½"



**Northbent**  
01-260.12  
12,5 cm / 5"



**SCHEREN  
SCISSORS**

**Ligaturscheren – Ligature Scissors  
Tijeras para ligaduras – Ciseaux à ligatures**



01-261.11  
11,5 cm / 4½"



**Little**  
01-262.11  
11,5 cm / 4½"



**Heath**  
01-263.15  
15 cm / 6"



01-264.10  
10 cm / 4"



**Eiselsberg**  
01-266.11  
11 cm / 4½"



**Schoemaker-Loth**  
01-267.12  
12,5 cm / 5"



**SCHEREN  
SCISSORS**

**Drahtscheren, Verband- und Kleiderscheren**  
**Wire Cutting Scissors, Bandage and Cloth Scissors**  
**Cizallas para cortar alambre, Tijeras para vendajes y vestidos**  
**Cisailles pour fils, Ciseaux pour panser ents**

**TC**


**Universal**  
01-268.12  
12 cm / 4¾"

gezahnt  
saw edge  
dentadas  
dentelés



**Universal TC**  
02-050.12  
12 cm / 4¾"



01-269.14  
14,5 cm / 5¾"



**Mod. Rudolf**  
01-269.16  
16 cm / 6¼"



**Universal**  
01-269.18  
18 cm / 7"



**Smith**  
01-273.17  
17,5 cm / 7"

## SCHEREN SCISSORS

### Wire Cutting Scissors – Nail Splitting Scissors Cizallas para cortar alambre – Tijeras para hender las unas Cisailles pour fils – Ciseaux à fendre les ongles



gezahnt  
saw edge  
dentadas  
denteles

**Harvey**  
01-276.12  
12,5 cm / 5"



13 cm / 5" 01-278.13  
15 cm / 6" 01-278.15

### Verbandscheren Tijeras para vendajes

### Bandage Scissors Ciseaux pour pansements

**TC**



**Lister**

9 cm / 4½"	01-279.09
11 cm / 5½"	01-279.11
14 cm / 5½"	01-279.14
15,5 cm / 6"	01-279.15
18 cm / 7"	01-279.18
20 cm / 8"	01-279.20



**Lister TC**  
02-053.18  
18 cm / 7"



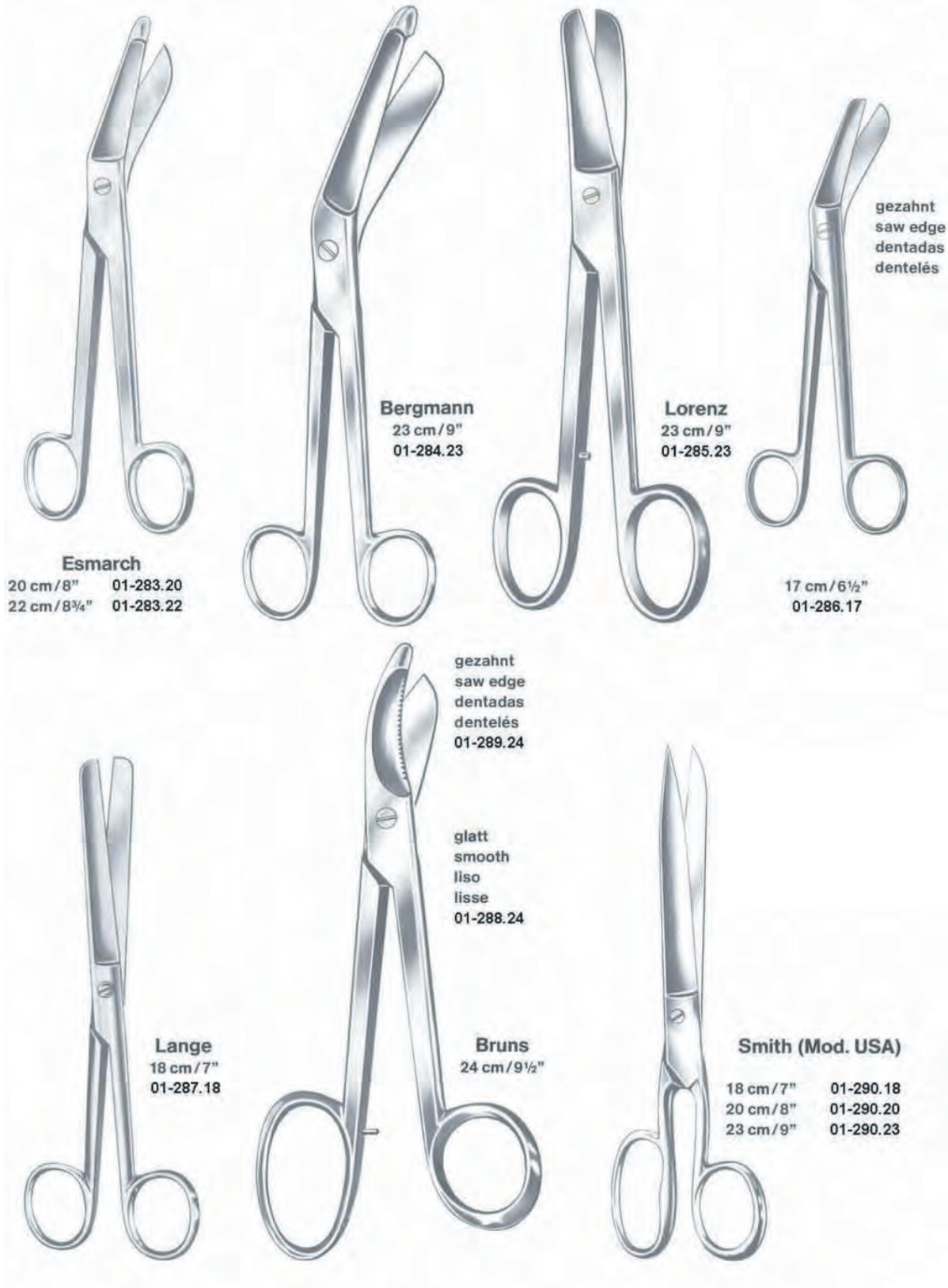
**Lister**

18,5 cm / 7¼"	01-281.18
21 cm / 8¼"	01-281.21



**Lister-Excentric**

16 cm / 6¼"	01-282.16
19 cm / 7½"	01-282.19

**SCHEREN  
SCISSORS**
**Verbandscheren – Bandage Scissors  
Tijeras para vendajes – Ciseaux pour pansements**




**SCHEREN  
SCISSORS**
**Verbandscheren – Bandage Scissors  
Tijeras para vendajes – Ciseaux pour pansements**


**Knowles**  
01-293.14  
14 cm / 5½"



**Knowles**  
01-294.14  
14 cm / 5½"



01-295.13  
13 cm / 5"

**Kleider- und Gipsscheren**  
Clothing Scissors, Plaster-of-Paris Shears  
Tijeras para vestidos, Cizallas para vendajes enyesados  
Cisailles pour pansements et appareils plâtrés

**Knochen- und Rippscheren**  
Bone- and Rib Shears  
Cizallas para huesos y costillas  
Costotomes, Cisailles pour os



01-296.20  
20 cm / 8"



**Seutin**  
01-297.23  
23 cm / 9"



01-298.23  
23 cm / 9"



**SCHEREN  
SCISSORS**

**Knochen- und Rippenscheren – Gipsscheren**  
**Bone- and Rib Shears – Plaster-of-Paris Shears**  
**Cizallas para huesos y costillas – Cizallas para vendajes enyesados**  
**Costotomes, Cisailles pour os – Cisailles pour appareils plâtrés**



**Gluck**  
01-300.22  
22 cm / 8¾"



**Stille**  
01-301.21  
21 cm / 8¼"



**Stille**  
01-302.24  
24 cm / 9½"



<b>Stille</b>	
23 cm / 9"	01-303.23
26 cm / 10¼"	01-303.26
37 cm / 14½"	01-303.37

**SCHEREN  
SCISSORS**
**Kronenscheren – Crown Scissors  
Tijeras para coronas – Ciseaux à couronnes**

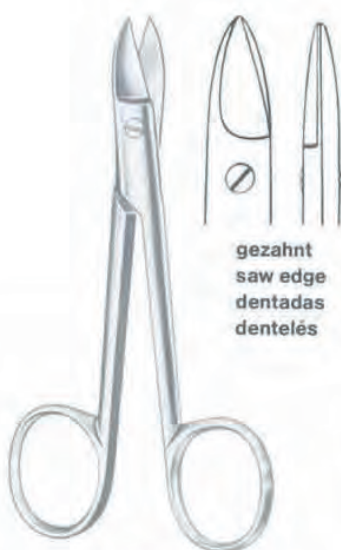

**Beebee**  
gerade – straight  
rectas – droits  
10,5 cm / 4"



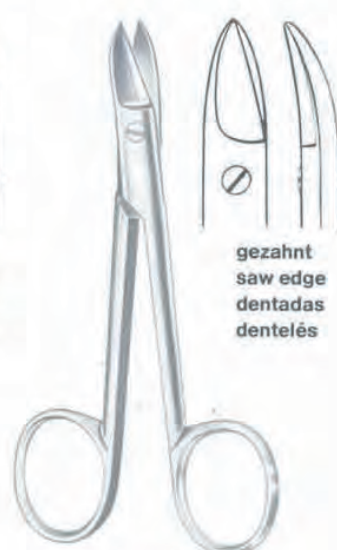
**Beebee**  
gebogen – curved  
curvas – courbes  
10,5 cm / 4"



01-308.10  
10,5 cm / 4"



**Beebee**  
01-309.12  
12 cm / 4¾"



**Beebee**  
01-310.12  
12 cm / 4¾"

**SCHEREN  
SCISSORS**

**Zahnfleischscheren – Gum Scissors  
Tijeras para encias – Ciseaux à gencives**



gezahnt  
saw edge  
dentadas  
denteles

**Goldmann-Fox**

01-315.13  
13 cm / 5"

01-316.13  
13 cm / 5"



**TC**

**TC**

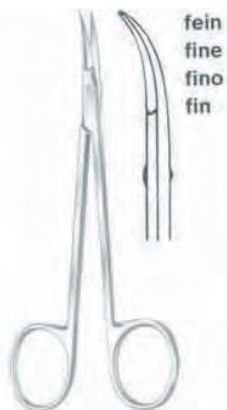
**Goldmann-Fox TC**

02-054.13  
13 cm / 5"

02-055.13  
13 cm / 5"

**SCHEREN  
SCISSORS**
**Zahnfleischscheren – Gum Scissors  
Tijeras para encias – Ciseaux à gencives**


**Goldman-Fox  
(Spezial)**  
01-317.13  
13 cm / 5"



01-318.11  
11,5 cm / 4½"



**Quinby**

01-319.12  
12 cm / 4¾"

01-320.12  
12 cm / 4¾"



**Dean**  
01-321.17  
17 cm / 6¾"



**Dean**  
01-322.17  
17 cm / 6¾"

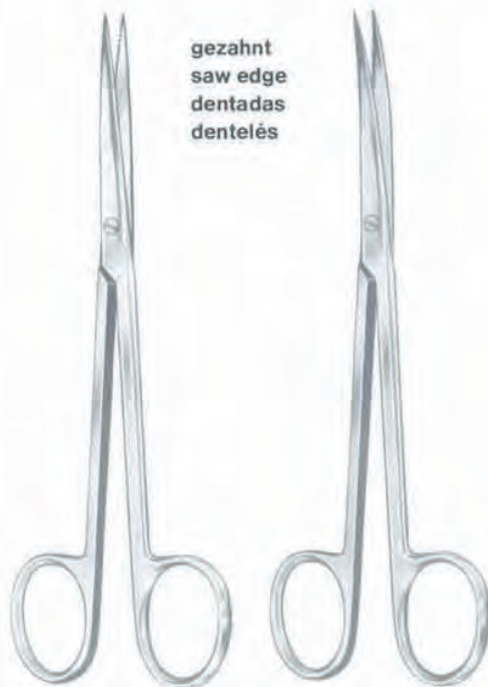


**Locklin**

01-324.16  
16,5 cm / 6½"

01-325.16  
16,5 cm / 6½"



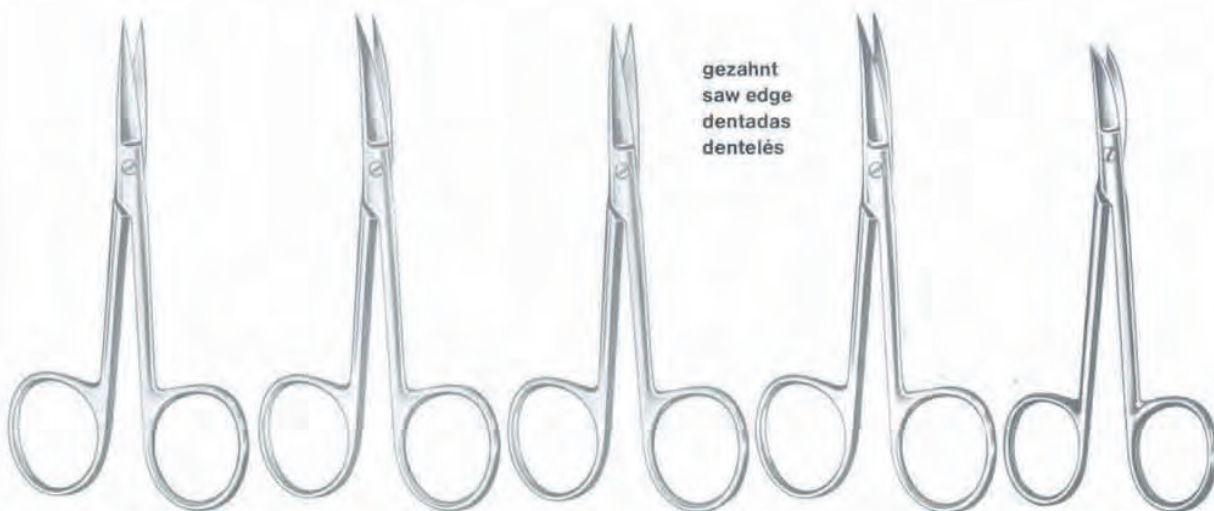
**SCHEREN  
SCISSORS**
**Zahnfleischscheren – Gum Scissors  
Tijeras para encias – Ciseaux à gencives**

 gezahnt  
saw edge  
dentadas  
dentalés

 01-326.14  
14,5 cm / 5¾"

**Sullivan**

 01-327.14  
14,5 cm / 5¾"

**Neumann**  
01-328.12  
12,5 cm / 5"

**La Grange**  
01-329.11  
11,5 cm / 4½"

 gezahnt  
saw edge  
dentadas  
dentalés

 01-330.11  
11 cm / 4½"

**Standard**

 01-331.11  
11 cm / 4½"

 01-332.11  
11 cm / 4½"

**Standard**

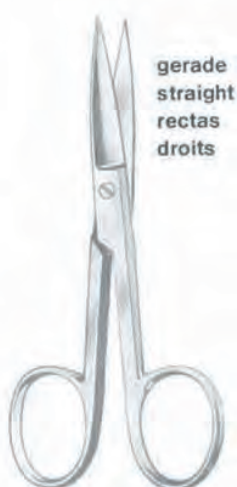
 01-333.11  
11 cm / 4½"

**Chadwick**  
01-334.11  
11 cm / 4¼"

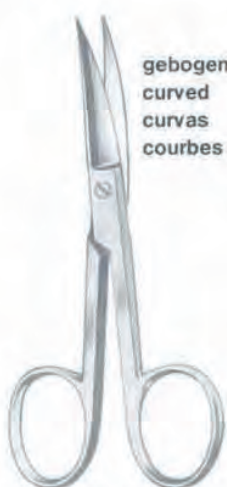
**SCHEREN  
SCISSORS**
**Hautscheren – Cuticle Scissors  
Tijeras cuticulares – Ciseaux à envies**


10 cm / 4" 01-335.10  
11 cm / 4 1/4" 01-335.11

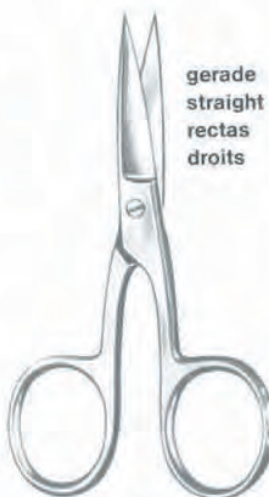
01-336.10  
01-336.11

**Nagelscheren – Nail Scissors  
Tijeras cuticulares – Ciseaux à ongles**


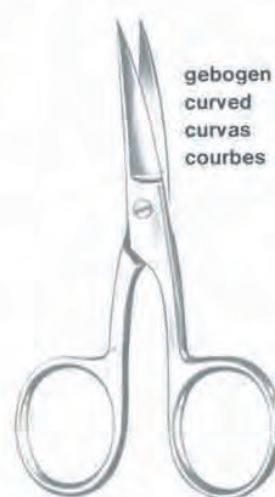
gerade  
straight  
rectas  
droits



gebogen  
curved  
curvas  
courbes



gerade  
straight  
rectas  
droits



gebogen  
curved  
curvas  
courbes

9 cm / 3 1/2" 01-337.09  
10,5 cm / 4 1/8" 01-337.10

01-338.09  
01-338.10

01-339.09  
01-339.10

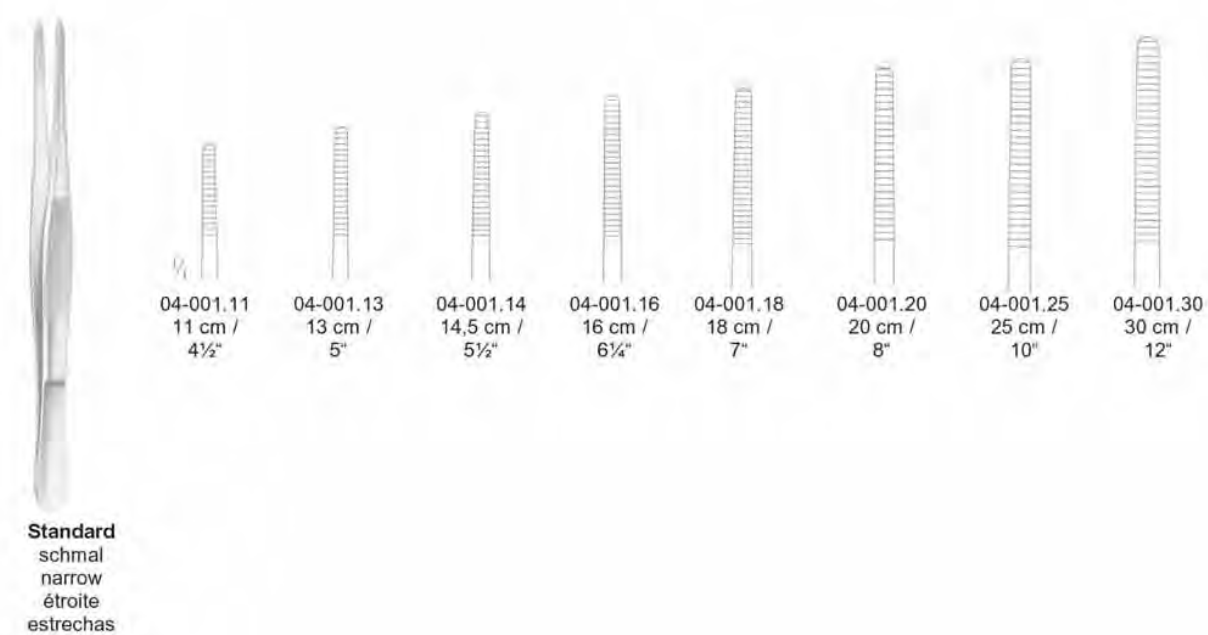
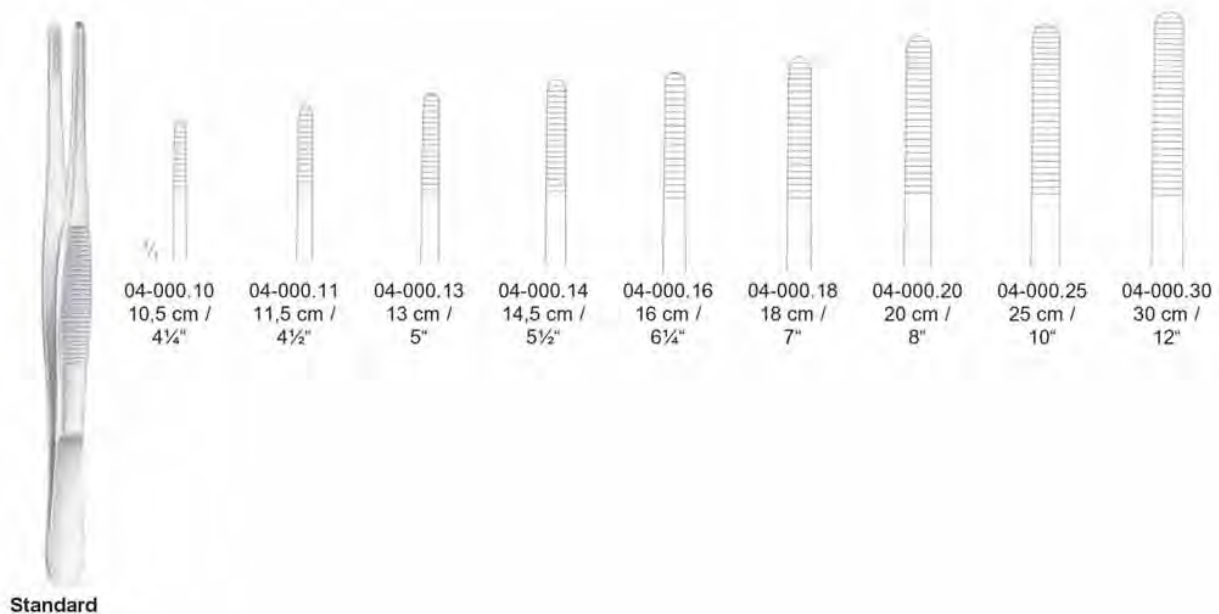
01-340.09  
01-340.10



## **PINZETTEN FORCEPS**

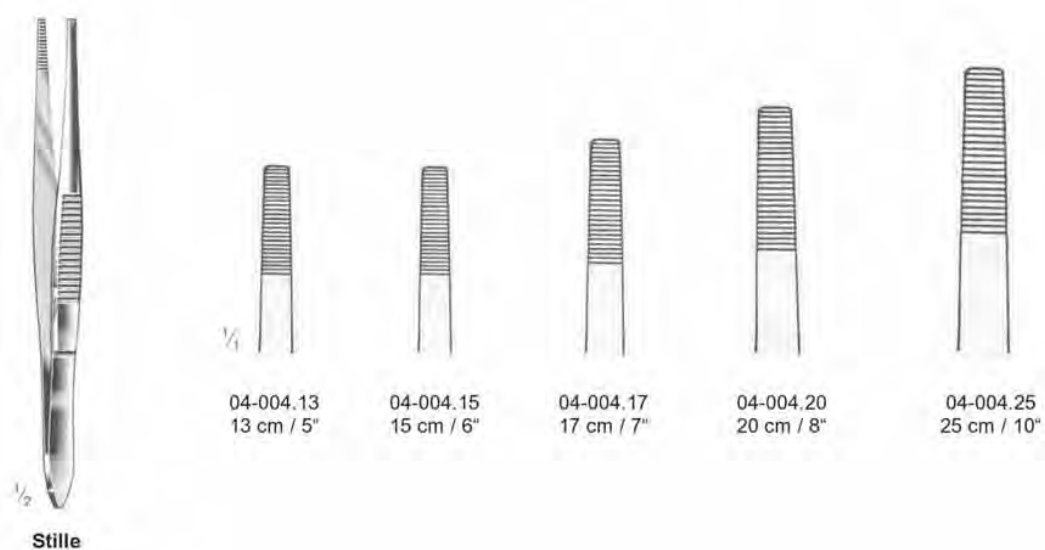
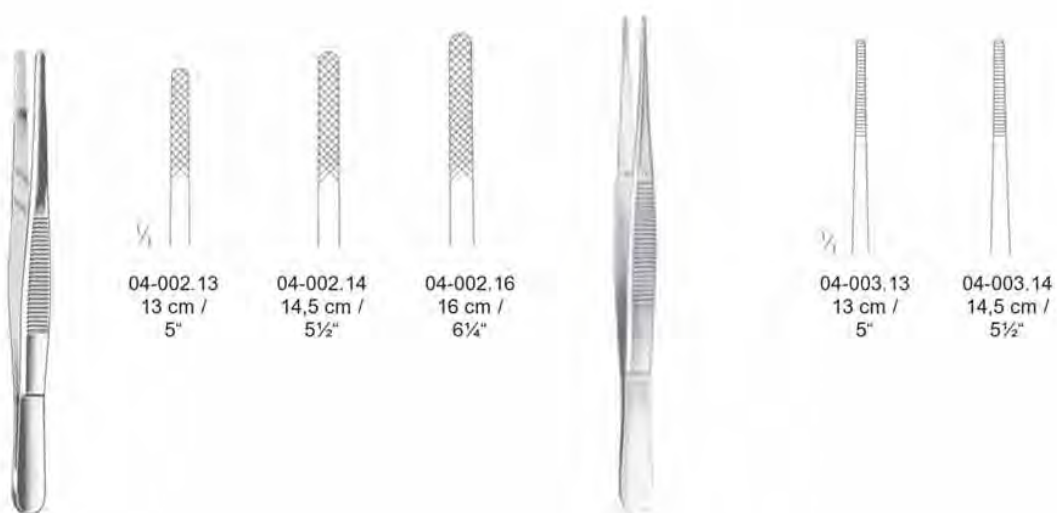


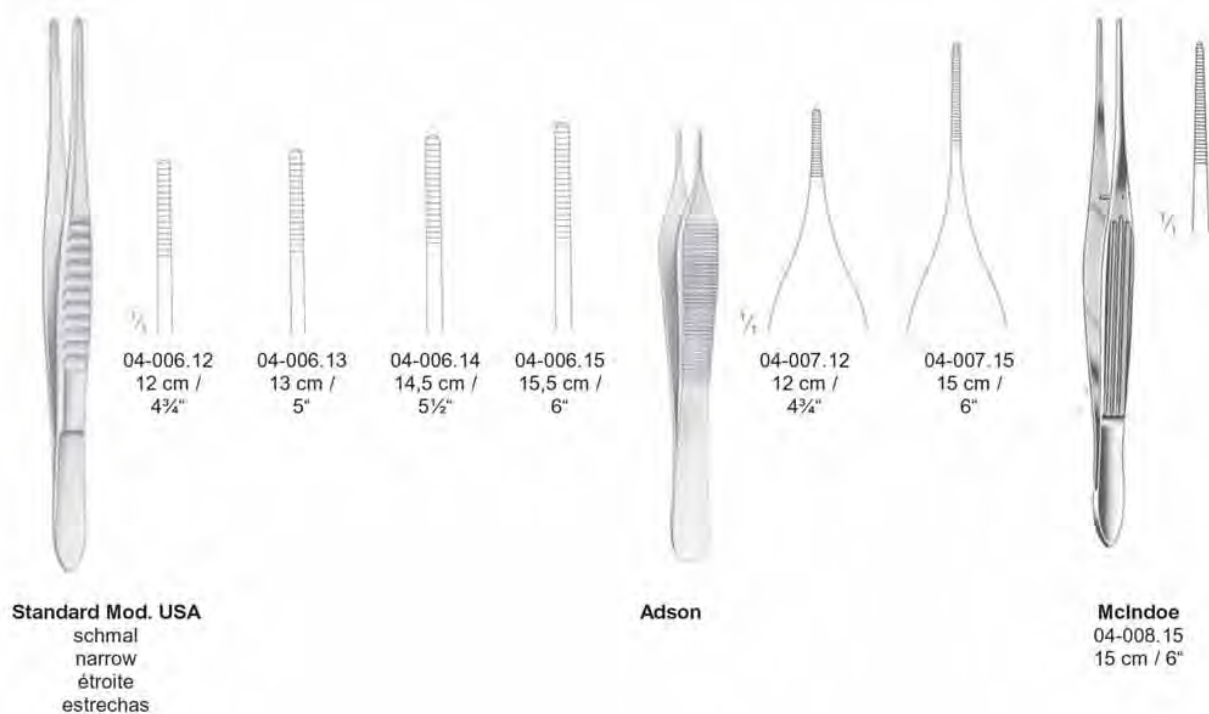
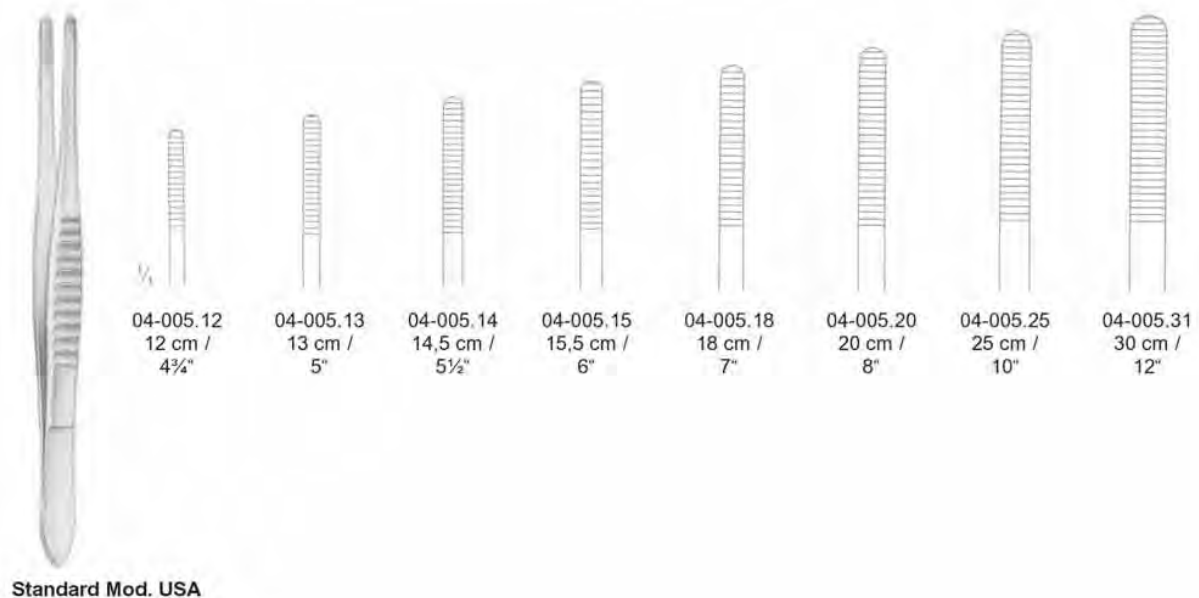


**Pinzetten**  
**Forceps**
**Anatomische Pinzetten – Dressing Forceps**  
**Pinces à disséquer – Pinzas de disección**


**Pinzetten  
Forceps**

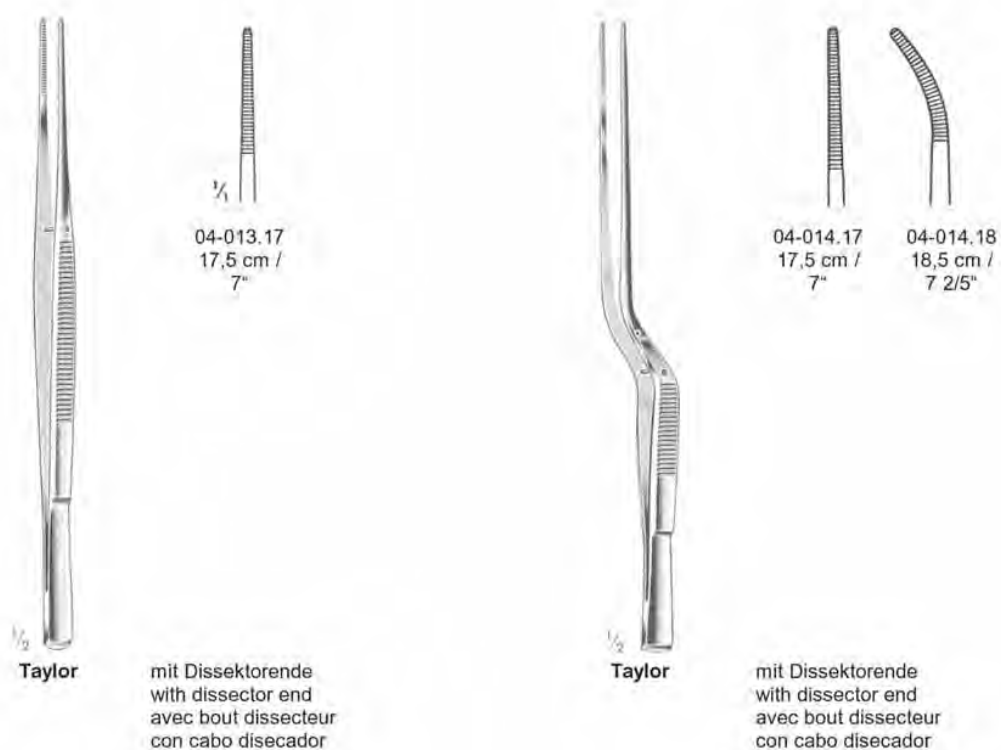
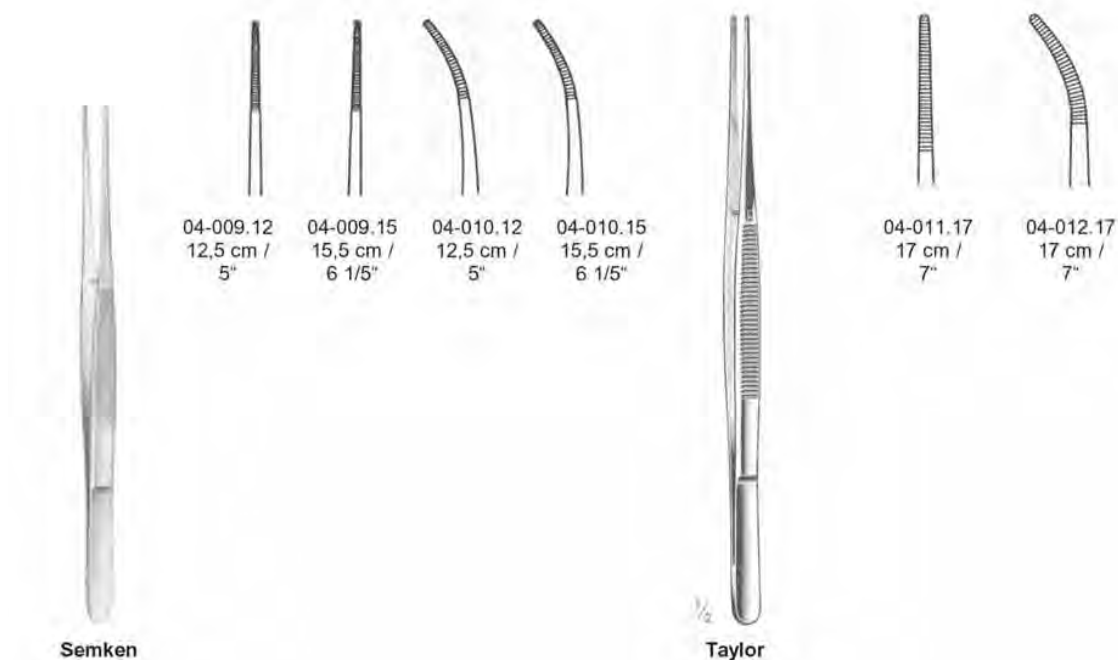
**Anatomische Pinzetten – Dressing Forceps  
Pincés à disséquer – Pinzas de disección**



**Pinzetten  
Forceps**
**Anatomische Pinzetten – Dressing Forceps  
Pinces à disséquer – Pinzas de disección**


**Pinzetten  
Forceps**

**Anatomische Pinzetten – Dressing Forceps  
Pinces à disséquer – Pinzas de disección**

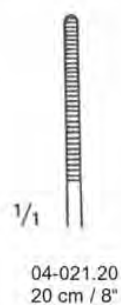


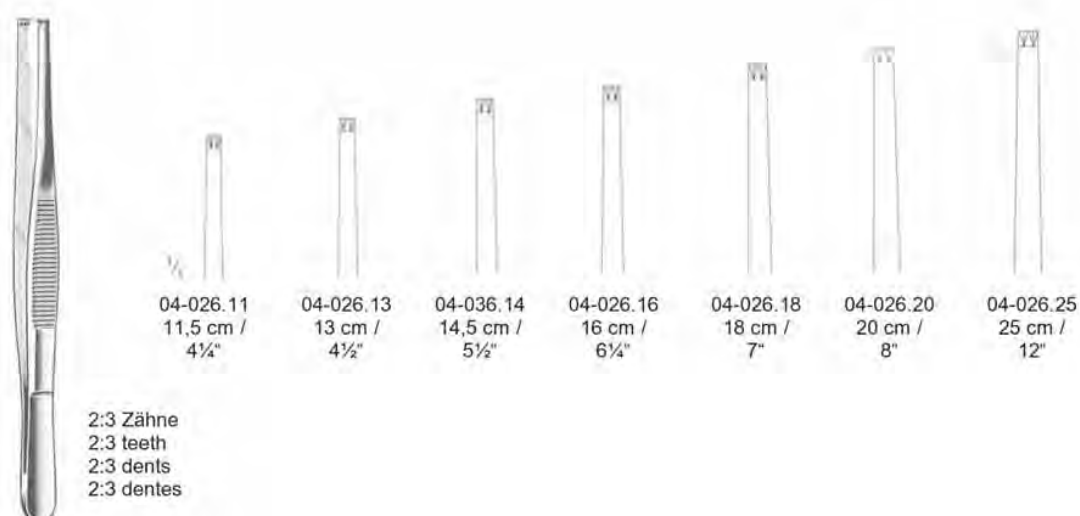
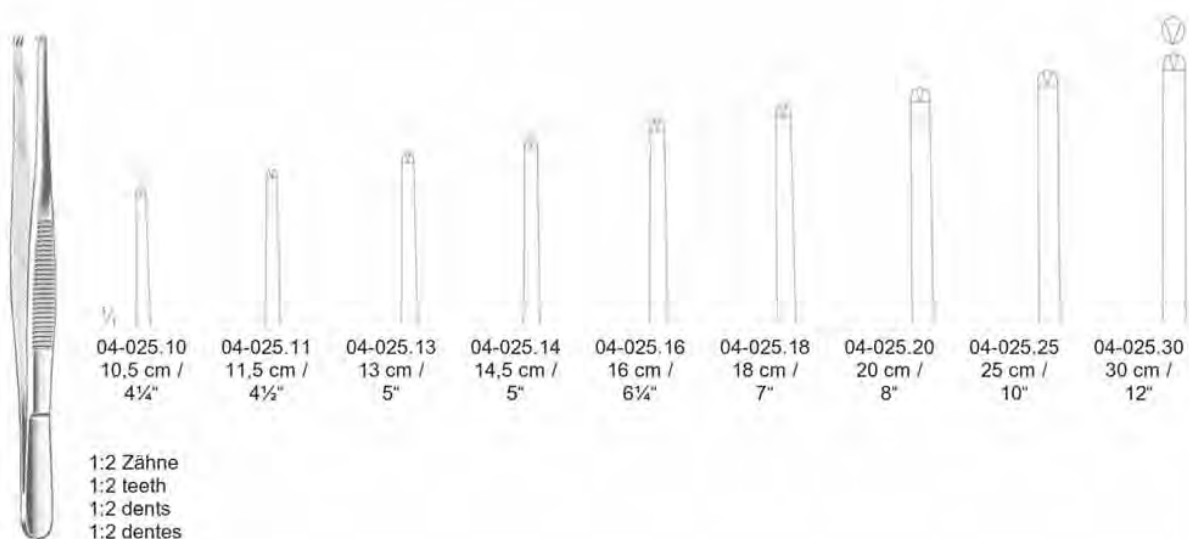


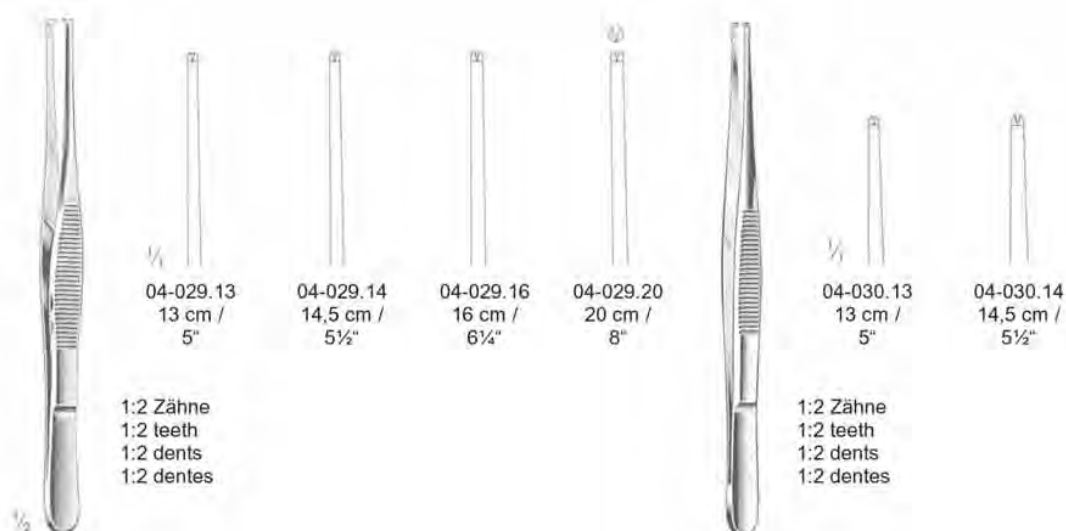
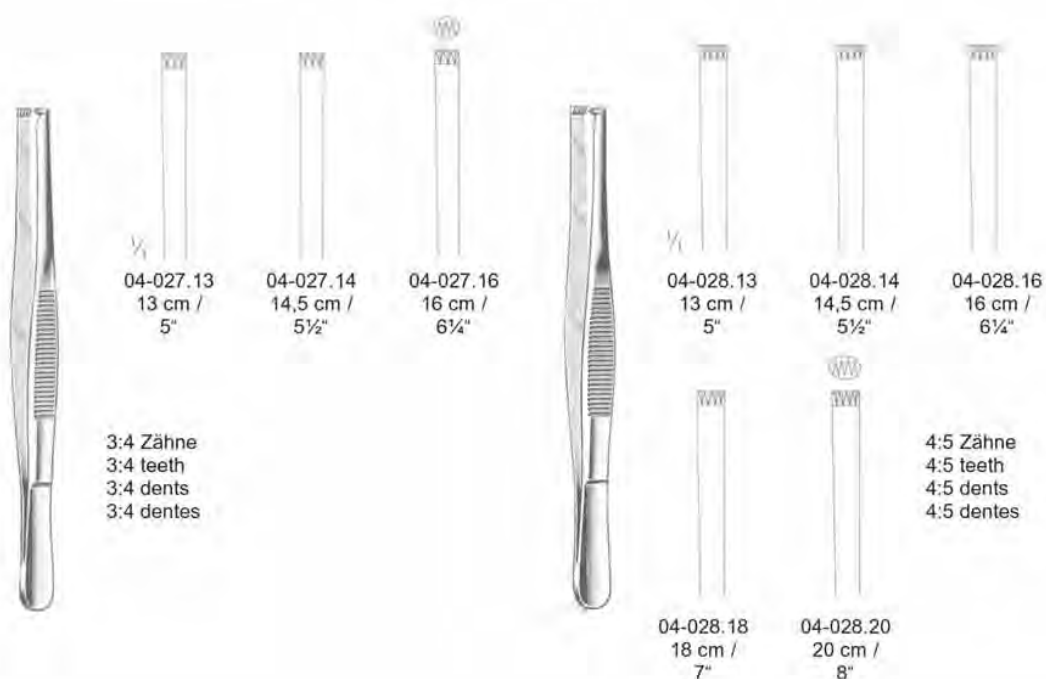
**Pinzetten  
Forceps**
**Anatomische Pinzetten – Dressing Forceps  
Pincès à disséquer – Pinzas de disección**
**Gerald**04-015.18  
17,5 cm / 7"04-016.18  
17,5 cm / 7"**Cushing**04-017.17  
18 cm / 7"04-018.17  
18 cm / 7"**Potts-Smith**04-019.18  
18 cm / 7"04-019.21  
21 cm / 8¼"04-019.25  
25 cm / 10"04-019.30  
30 cm / 12"04-020.18  
18 cm / 7"04-020.21  
21 cm / 8¼"04-020.25  
25 cm / 10"04-020.30  
30 cm / 12"

**Pinzetten  
Forceps**

**Anatomische Pinzetten – Dressing Forceps  
Pincés à disséquer – Pinzas de disección**



**Pinzetten**  
**Forceps**
**Chirurgische Pinzetten – Tissue Forceps**  
**Pinces à griffes – Pinzas de disección con dientes**


**Pinzetten**  
**Forceps**
**Chirurgische Pinzetten – Tissue Forceps**  
**Pinces à griffes – Pinzas de disección con dientes**




**Pinzetten  
Forceps**
**Chirurgische Pinzetten – Tissue Forceps  
Pinces à griffes – Pinzas de disección con dientes**
**Stille**
 04-031.15  
 15 cm / 6"

 1:2 Zähne  
 1:2 teeth  
 1:2 dents  
 1:2 dentes
**Stille**
 04-032.15  
 15 cm / 6"

 2:3 Zähne  
 2:3 teeth  
 2:3 dents  
 2:3 dentes
**Mod. USA**
 04-033.12  
 12 cm /  
 4¾"

 04-033.13  
 13 cm /  
 5"

 04-033.14  
 14,5 cm /  
 5½"

 04-033.15  
 15,5 cm /  
 6"

 04-033.18  
 18 cm /  
 7"

 04-033.20  
 20 cm /  
 8"

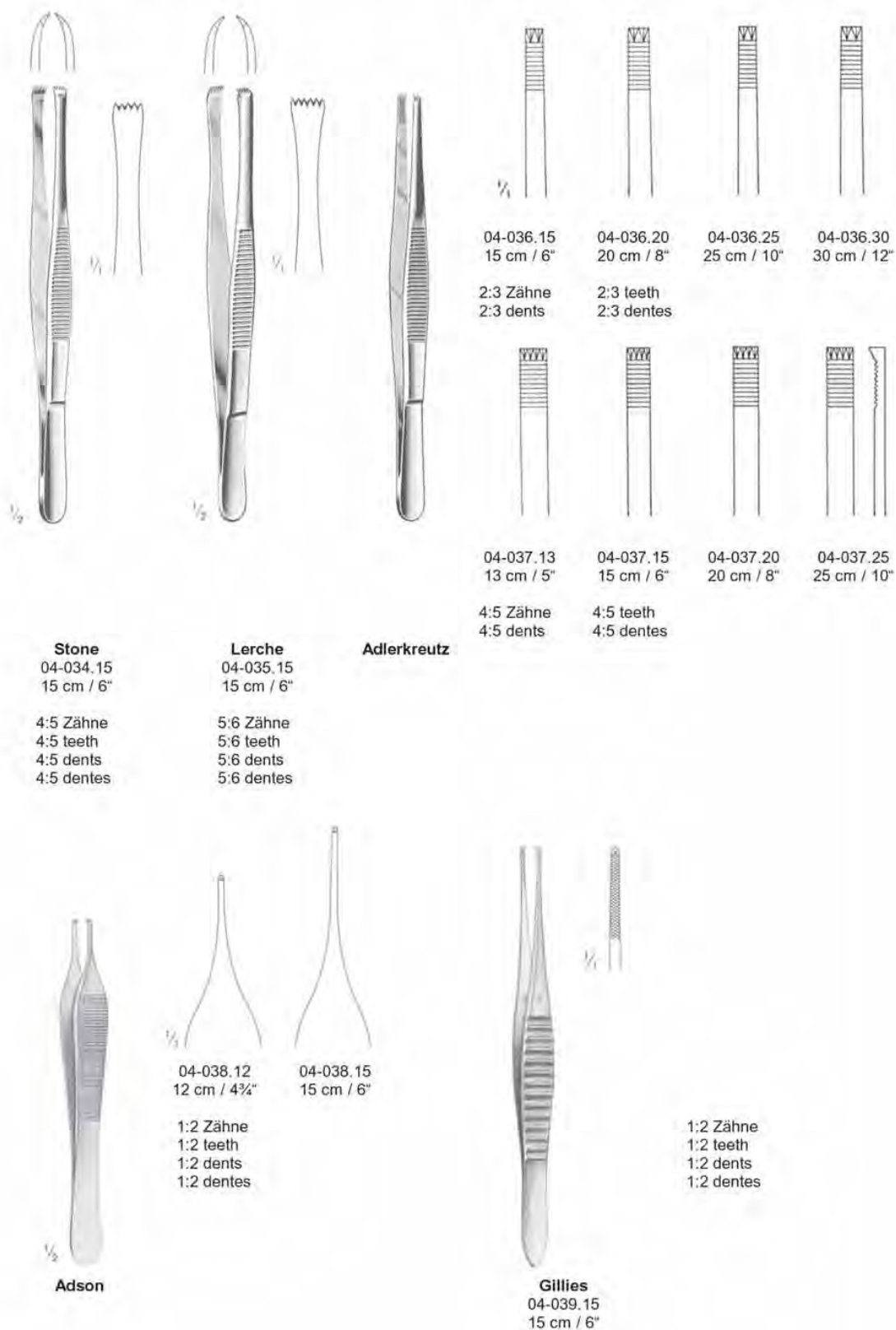
 04-033.25  
 25 cm /  
 10"

 04-033.30  
 30 cm /  
 12"

 1:2 Zähne  
 1:2 teeth  
 1:2 dents  
 1:2 dentes

## Pinzetten Forceps

### Chirurgische Pinzetten – Tissue Forceps Pinces à griffes – Pinzas de disección con dientes



**Pinzetten  
Forceps**
**Chirurgische Pinzetten – Tissue Forceps  
Pincès à griffes – Pinzas de disección con dientes**

**Semken**

**04-040-12**  
 12,5 cm / 5"

 1:2 Zähne  
 1:2 teeth  
 1:2 dents  
 1:2 dentes

**04-040.15**  
 15,5 cm / 6"

**Taylor**  
 04-041.17  
 17,5 cm / 7"

 1:2 Zähne  
 1:2 teeth  
 1:2 dents  
 1:2 dentes

**Taylor**  
 04-042.17  
 17,5 cm / 7"

 1:2 Zähne  
 1:2 teeth  
 1:2 dents  
 1:2 dentes

 mit Dissektorende  
 with dissector end  
 avec bout dissecteur  
 con cabo disecador

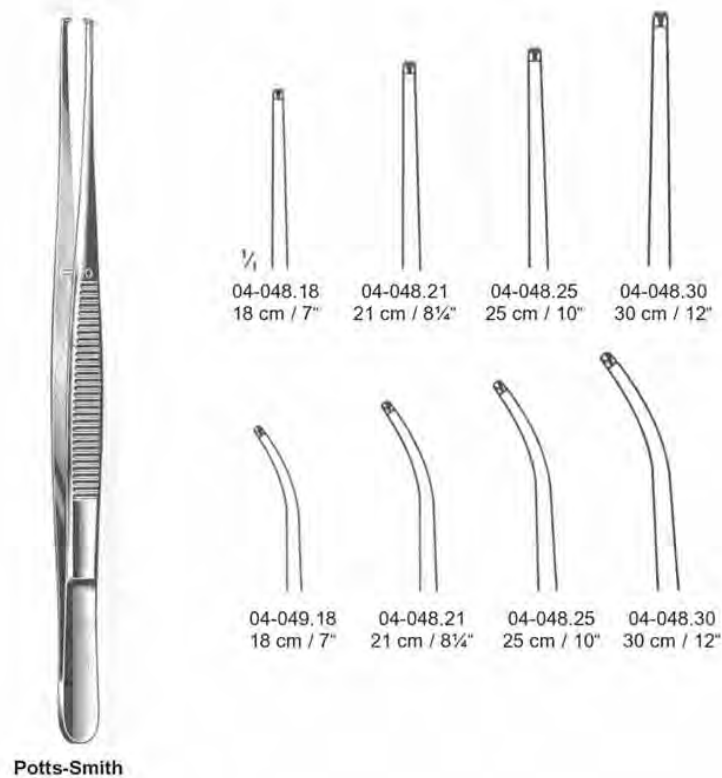
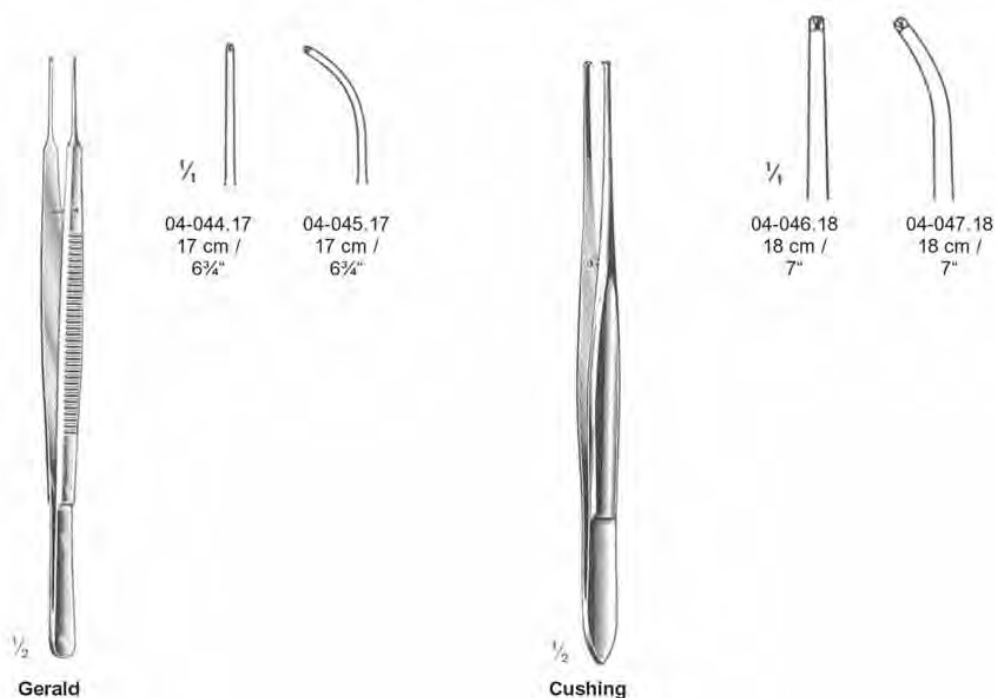
**Taylor**  
 04-043.17  
 17,5 cm / 7"

 1:2 Zähne  
 1:2 teeth  
 1:2 dents  
 1:2 dentes

 mit Dissektorende  
 with dissector end  
 avec bout dissecteur  
 con cabo disecador

**Pinzetten  
Forceps**

**Chirurgische Pinzetten – Tissue Forceps  
Pinces à griffes – Pinzas de disección con dientes**





**Pinzetten  
Forceps**
**Mikro-Pinzetten – Micro Forceps  
Pincettes pour micro-chirurgie – Micro-pinzas**

**Brophy**

 04-050.20  
20 cm / 8"

 04-051.20  
20 cm / 8"

**Adson-Brown**  
04-052.12  
12 cm / 4¾"

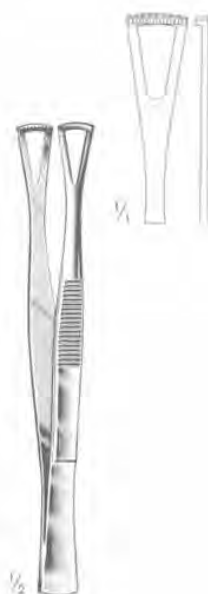
**Adson-Brown**  
04-052.15  
15 cm / 6"

**Micro-Adson**  
04-053.12  
12 cm / 4¾"

**Micro-Adson**  
04-053.15  
15 cm / 6"

**Pinzetten  
Forceps**

**Chirurgische Pinzetten – Tissue Forceps  
Pinces à griffes – Pinzas de disección con dientes**



**Duval**  
04-054.14  
14 cm / 5½"



**Russ. Model**



04-055.15  
15 cm / 6"



04-055.20  
20 cm / 8"



04-055.25  
25 cm / 10"

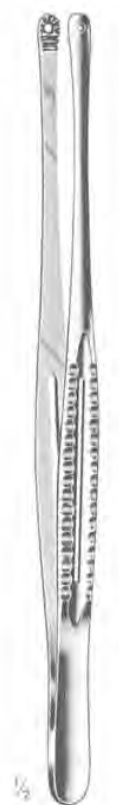
**Pinzetten  
Forceps**
**Chirurgische Pinzetten – Tissue Forceps  
Pincers à griffes – Pinzas de disección con dientes**
**Durante****Ferris-Smith****Stille-Barraya**

3:4 Zähne  
3:4 teeth  
3:4 dents  
3:4 dentes

**Bonney**

## Pinzetten Forceps

### Fasspinzetten – Grasping Forceps Pincers pour préhension – Pinzas para coger



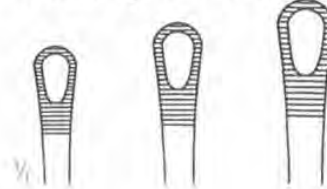
Mayo-Russ.



04-062.23  
23 cm / 9"



Singley-Tuttle



04-063.15  
15 cm / 6"

04-063.18  
18 cm / 7"

04-063.23  
23 cm / 9"



Nelson



04-064.15  
15 cm / 6"

04-064.18  
18 cm / 7"

04-064.20  
20 cm / 8"



04-064.23  
23 cm / 9"

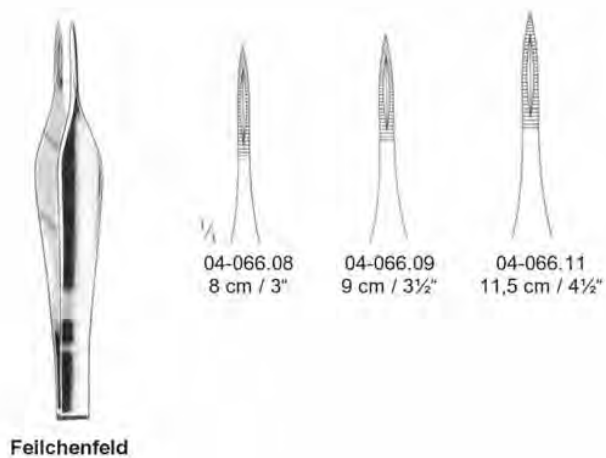
04-064.30  
30 cm / 12"

04-064.33  
33 cm / 13 1/5"



**Pinzetten  
Forceps****Fasspinzetten – Grasping Forceps  
Pinces pour préhension – Pinzas para coger**

**Collin-Duval**  
04-065.20  
20 cm / 8"  
14 mm

**Pinzetten**  
**Forceps**
**Splitterpinzetten – Splinter Forceps**  
**Pinces à échardes – Pinzas para espinas**


**Pinzetten  
Forceps**
**Cilienpinzetten – Cilia Forceps  
Pincès à épiler les cils – Pinzas depilatorias**


**Shaaf**  
04-072.09  
9 cm / 3 1/2"



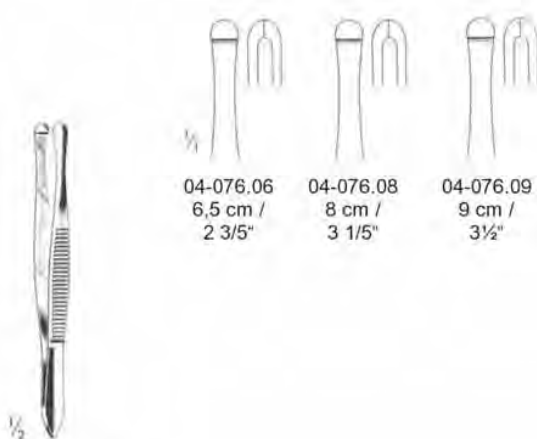
**Littauer**  
04-073.09  
9 cm / 3 1/2"



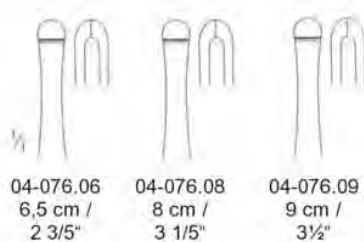
**Douglas**  
04-074.09  
9 cm / 3 1/2"



**Douglas**  
04-075.09  
9 cm / 3 1/2"



**Beer**



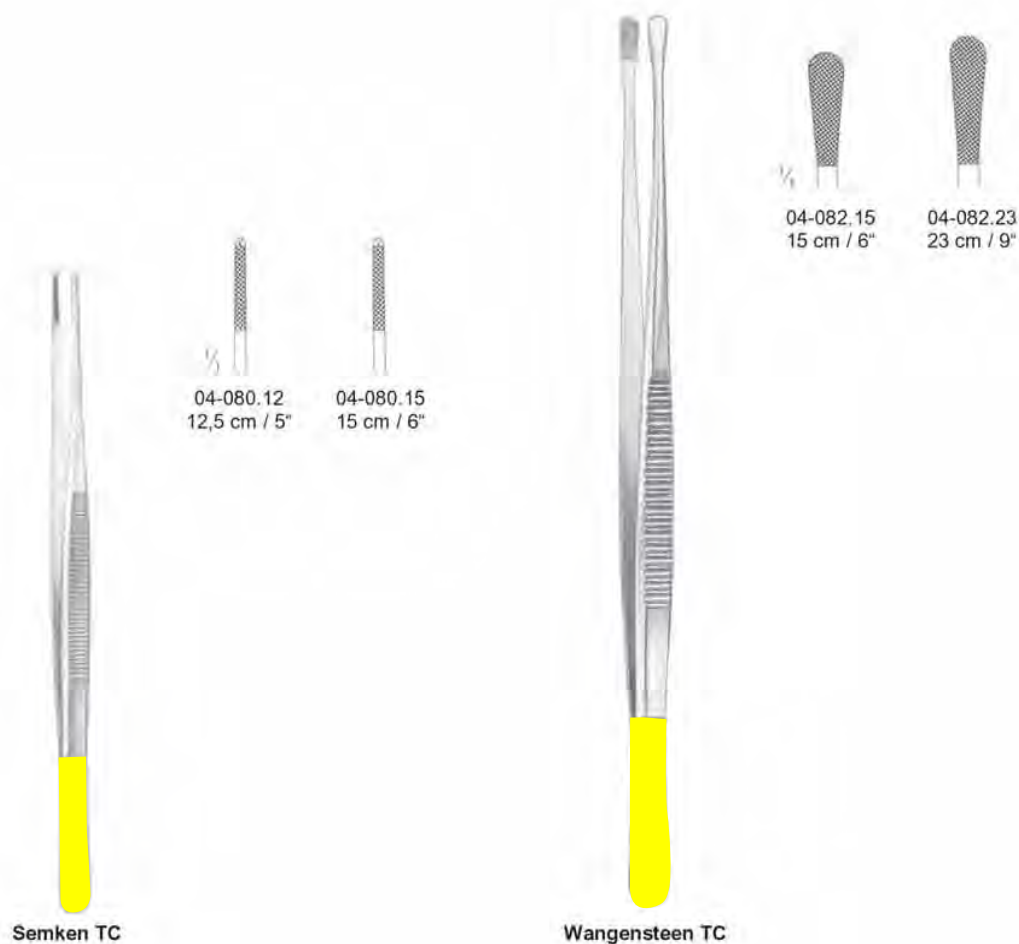
04-076.06  
6,5 cm /  
2 3/5"

04-076.08  
8 cm /  
3 1/5"

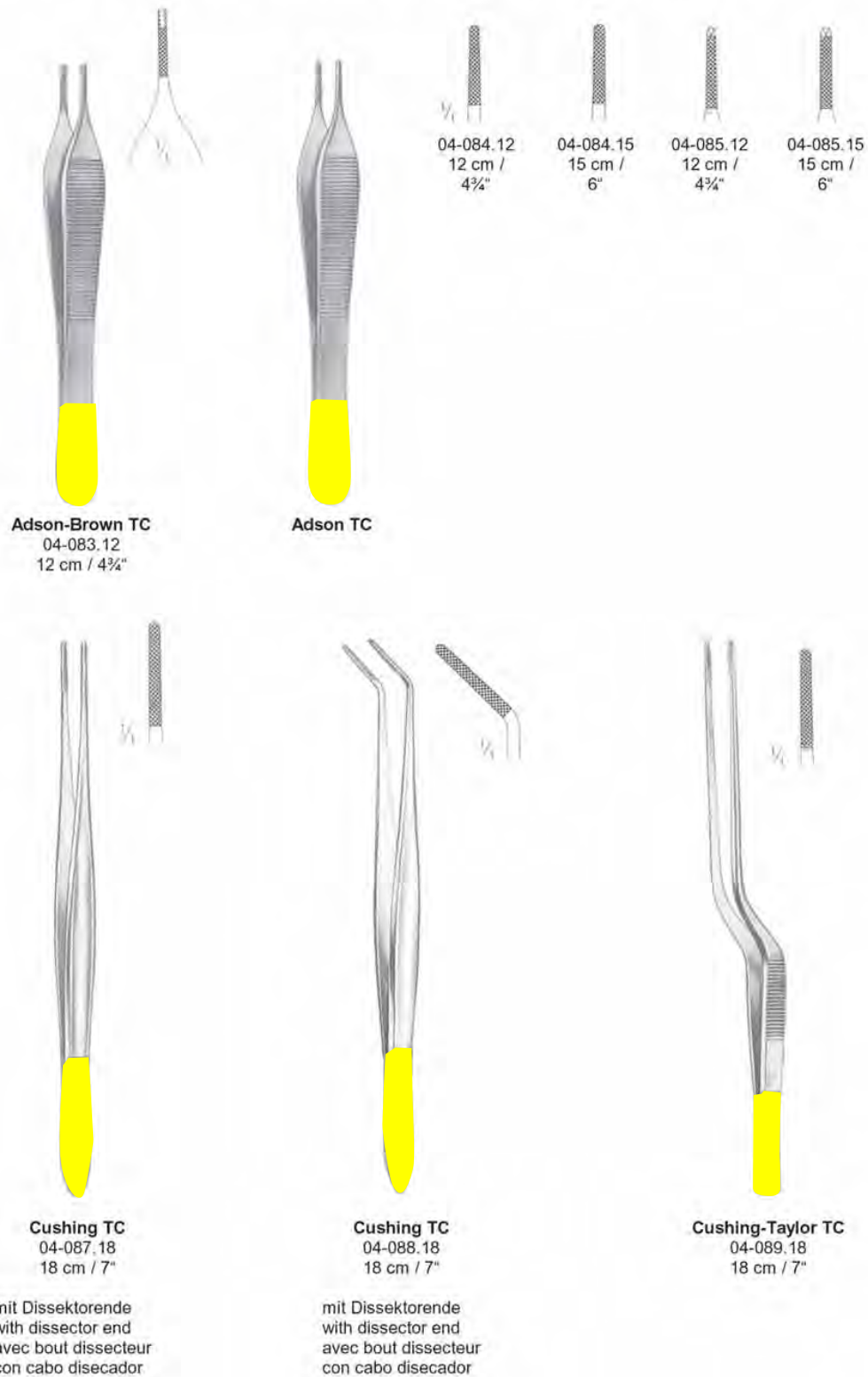
04-076.09  
9 cm /  
3 1/2"

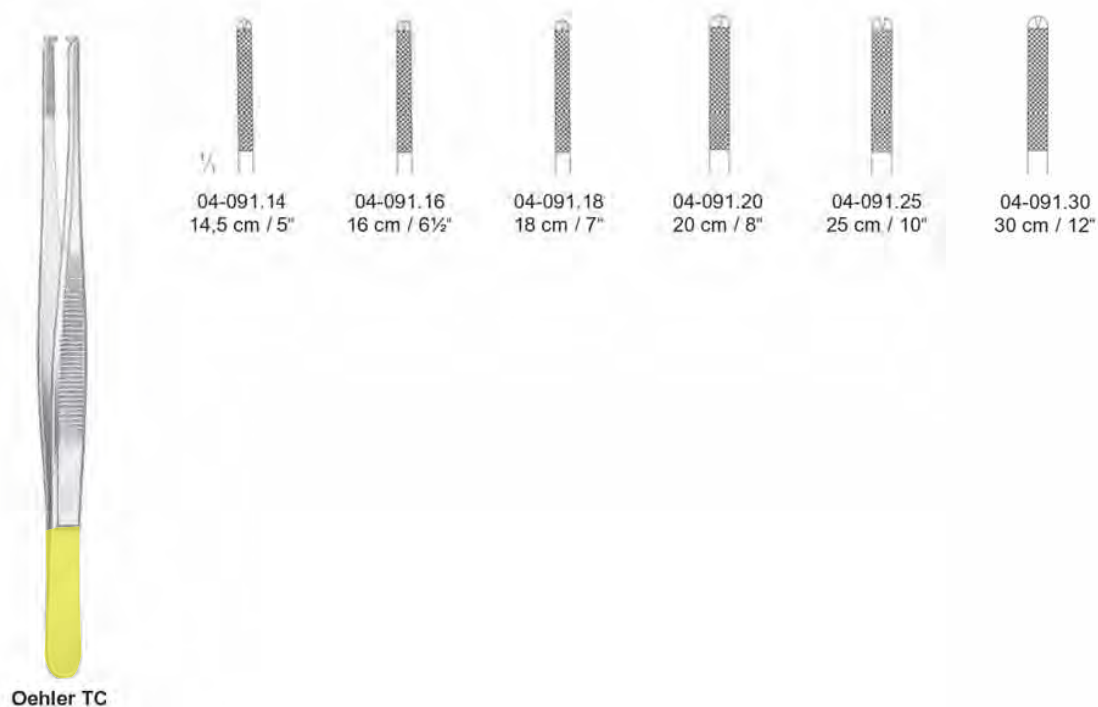
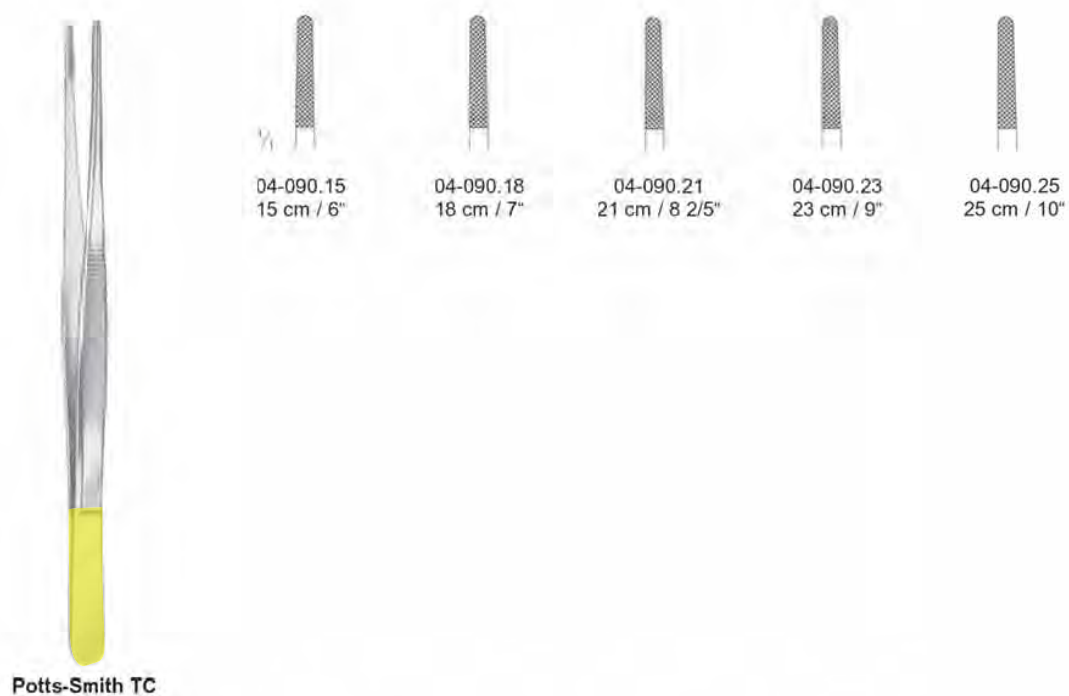


**Barraquer**  
04-079.10  
10,5 cm / 4 1/4"

**Pinzetten**  
**Forceps**
**Pinzetten mit Hartmetalleinsätzen**  
**Forceps with tungsten carbide inserts**  
**Pinces avec plaquettes en carbure de tungstène**  
**Pinzas con bocas de carburo de tungsteno**




**Pinzetten  
Forceps**
**Pinzetten mit Hartmetalleinsätzen  
 Forceps with tungsten carbide inserts  
 Pincers avec plaquettes en carbure de tungstène  
 Pinzas con bocas de carburo de tungsteno**


**Pinzetten**  
**Forceps**
**Pinzetten mit Hartmetalleinsätzen**  
**Forceps with tungsten carbide inserts**  
**Pinces avec plaquettes en carbure de tungstène**  
**Pinzas con bocas de carburo de tungsteno**


**Pinzetten  
Forceps****Pinzetten mit Hartmetalleinsätzen  
Forceps with tungsten carbide inserts  
Pincés avec plaquettes en carbure de tungstène  
Pinzas con bocas de carburo de tungsteno****De Bakey TC****04-092.15**  
15 cm / 6"**04-092.20**  
20 cm / 8"**04-092.24**  
24 cm / 9½"







## **KLEMMEN FORCEPS**



## KLEMMEN FORCEPS

Artery Forceps  
 Pinces hemostatiques  
 Pinzas hemostaticas



Spencer-Wells



08-001.13  
13 cm / 5"



08-001.15  
15 cm / 6"



08-001.18  
18 cm / 7"



08-001.20  
20 cm / 8"



1/1  
08-002.13  
13 cm / 5"



08-002.15  
15 cm / 6"



08-002.18  
18 cm / 7"



08-002.20  
20 cm / 8"



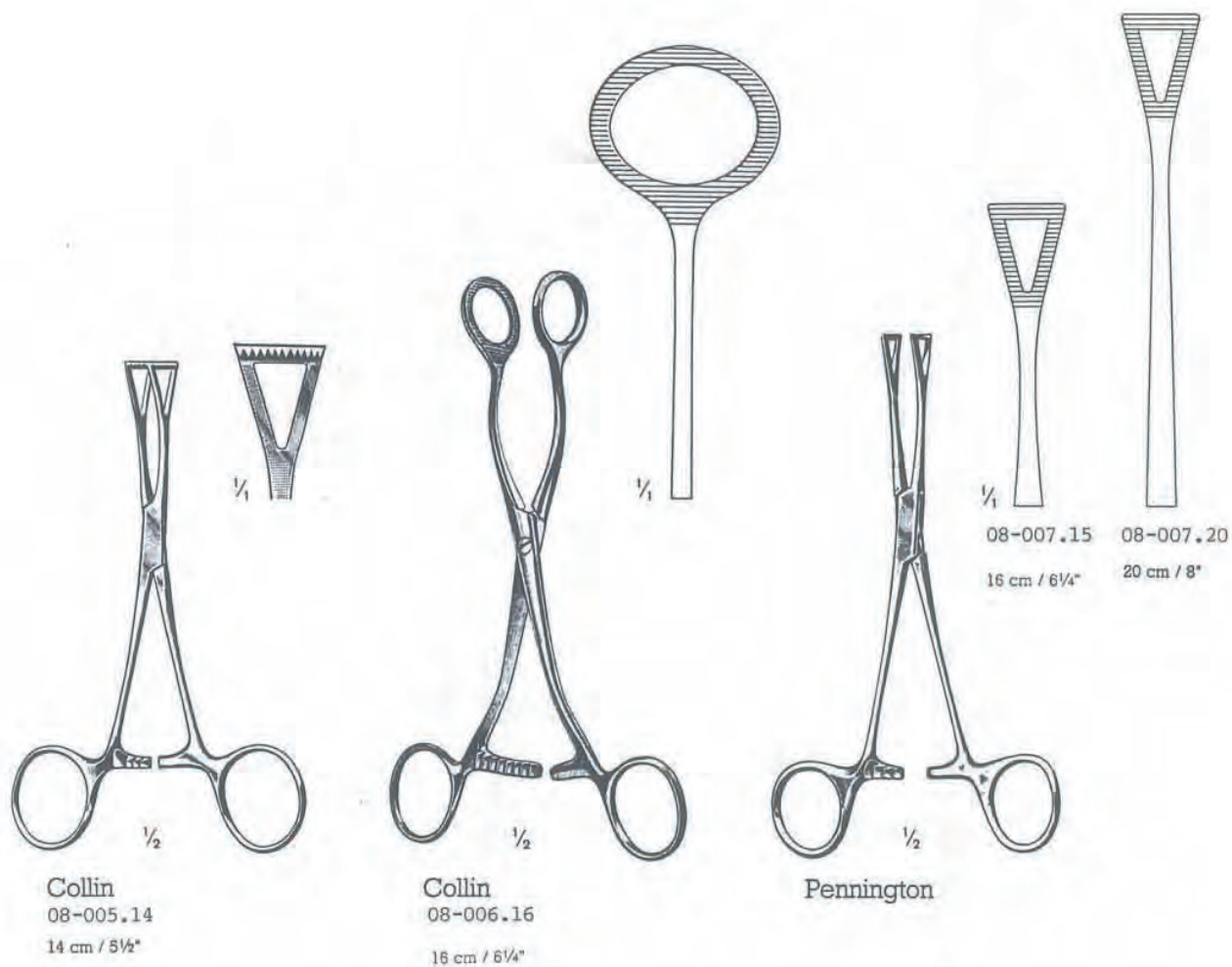
Chaput  
08-003.13  
13 cm / 5"



Tuffier  
08-004.13  
13 cm / 5"

**KLEMMEN  
FORCEPS**

Tissue Seizing Forceps  
 Pincers pour saisir le tissu  
 Pinzas para coger tejidos



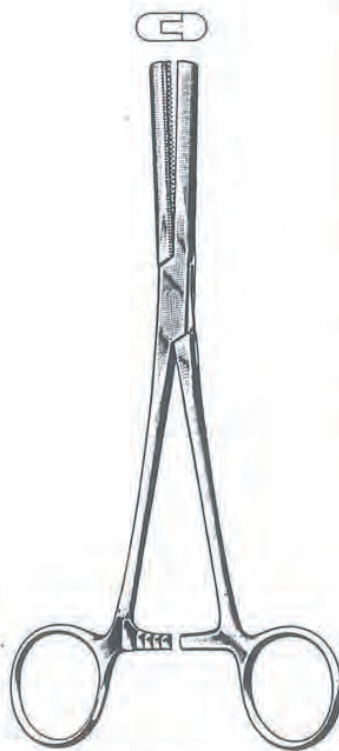


## KLEMMEN FORCEPS

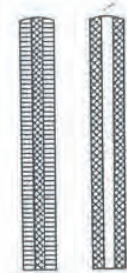
Artery Forceps, Angiotribes

Pinces hemostaticas, pincers-clamps a pression progressive

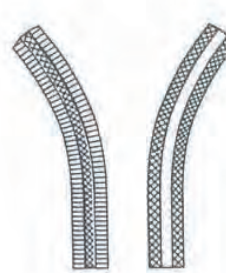
Pinzas hemostaticas, pinzas-clamps de presion progresiva



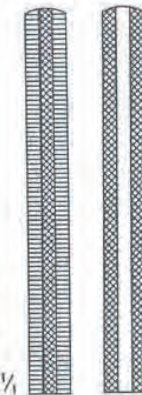
Fergusson



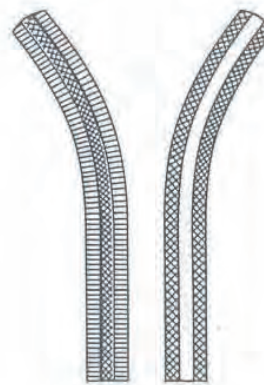
08-008.16  
16 cm / 6 1/4"



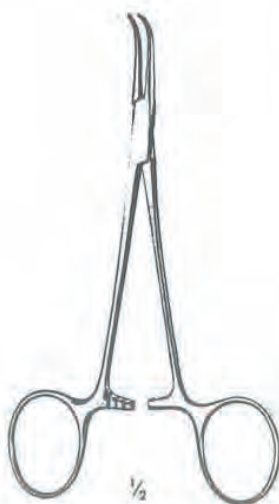
08-009.16  
16 cm / 6 1/4"



08-010.20  
20 cm / 8"



08-011.20  
20 cm / 8"



Baby-Mixter  
08-012.14  
14 cm / 5 1/2"



Hartmann  
8 cm / 3 1/2"



08-013.10











08-014.10

**KLEMMEN  
FORCEPS**

 Artery Forceps  
 Pinces hemostatiques  
 Pinzas hemostaticas


Halsted-Mosquito

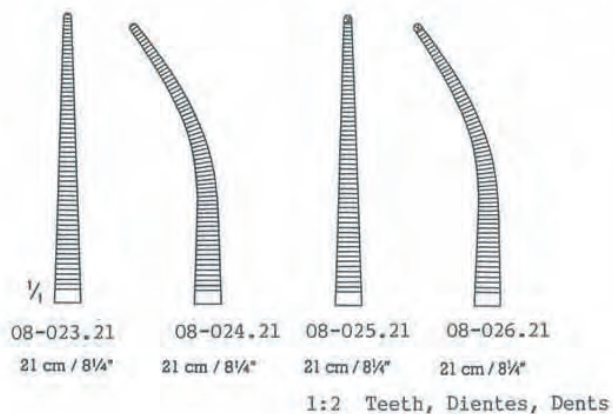
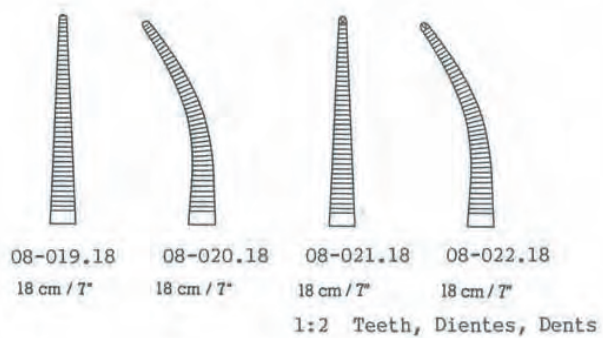
			
08-015.12	08-015.14	08-016.12	08-016.14
12,5 cm / 5"	14 cm / 5½"	12,5 cm / 5"	14 cm / 5½"
			
08-017.12	08-017.14	08-018.12	08-018.14
12,5 cm / 5"	14 cm / 5½"	12,5 cm / 5"	14 cm / 5½"
1:4 Teeth, Dientes, Dents			

## KLEMMEN FORCEPS

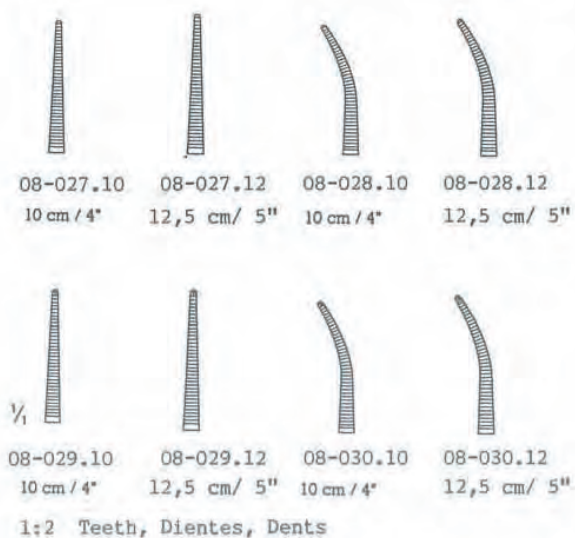
Artery Forceps  
 Pinces hemostatiques  
 Pinzas hemostaticas



Halsted-Mosquito

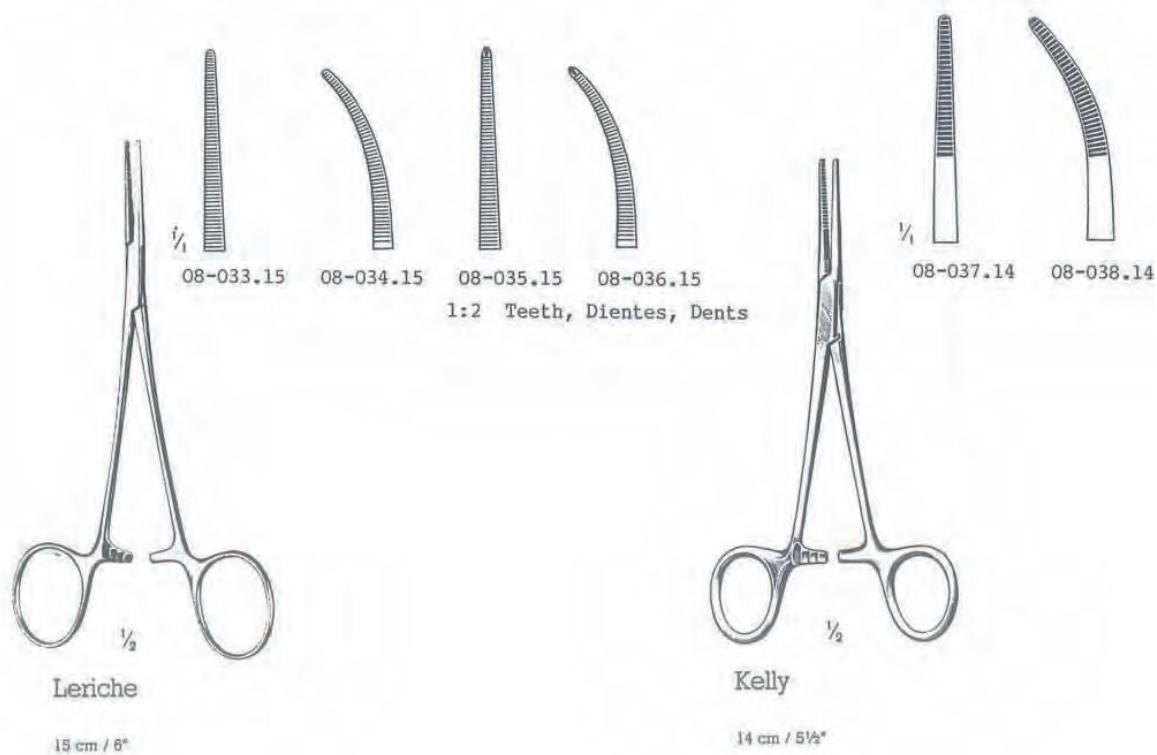
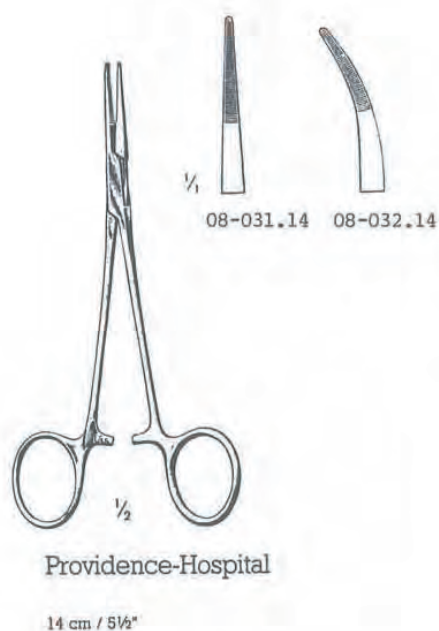


Micro-Mosquito



**KLEMMEN  
FORCEPS**

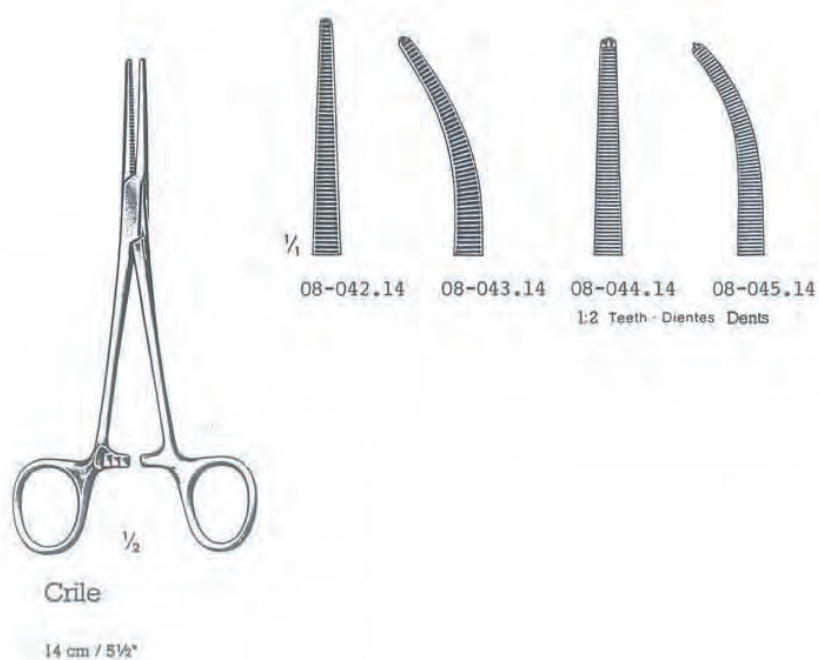
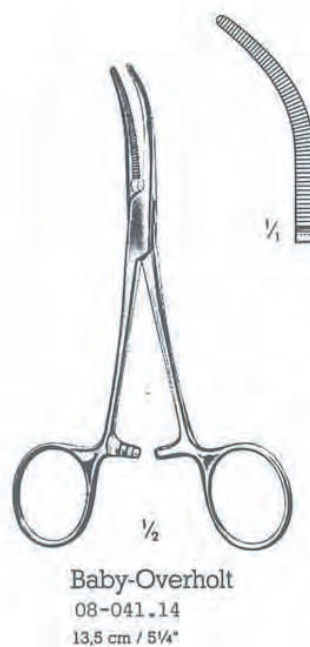
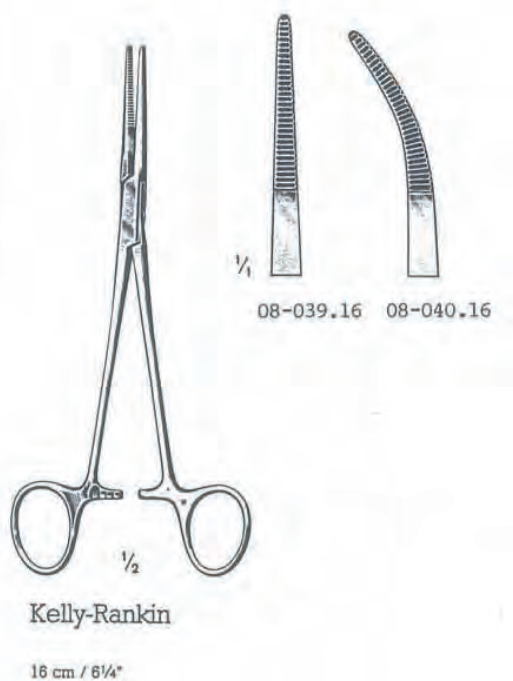
Artery Forceps  
Pinces hemostatiques  
Pinzas hemostaticas





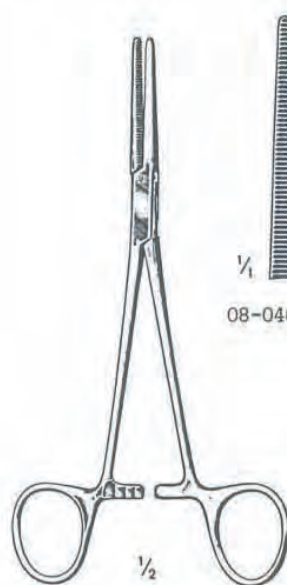
## KLEMMEN FORCEPS

Artery Forceps  
 Pinces hemostatiques  
 Pinzas hemostaticas



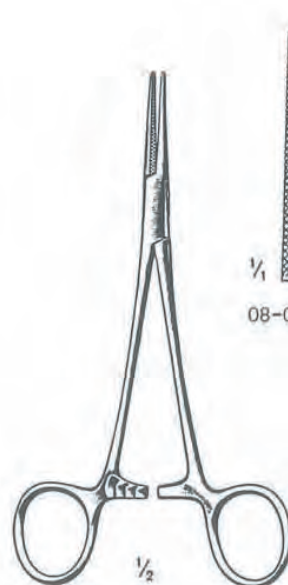
**KLEMMEN  
FORCEPS**

Artery Forceps  
Pinces hemostatiques  
Pinzas hemostaticas

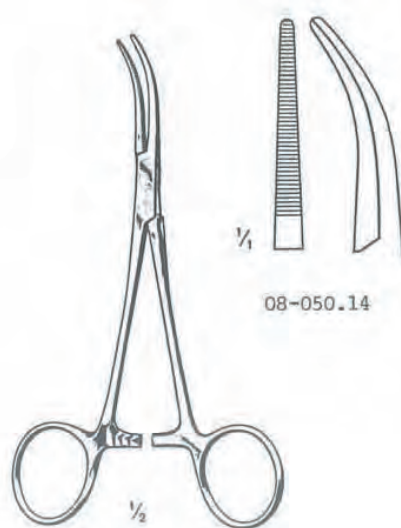


Crile-Rankin

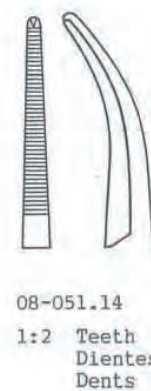
16 cm / 6 1/4"



Lovelace



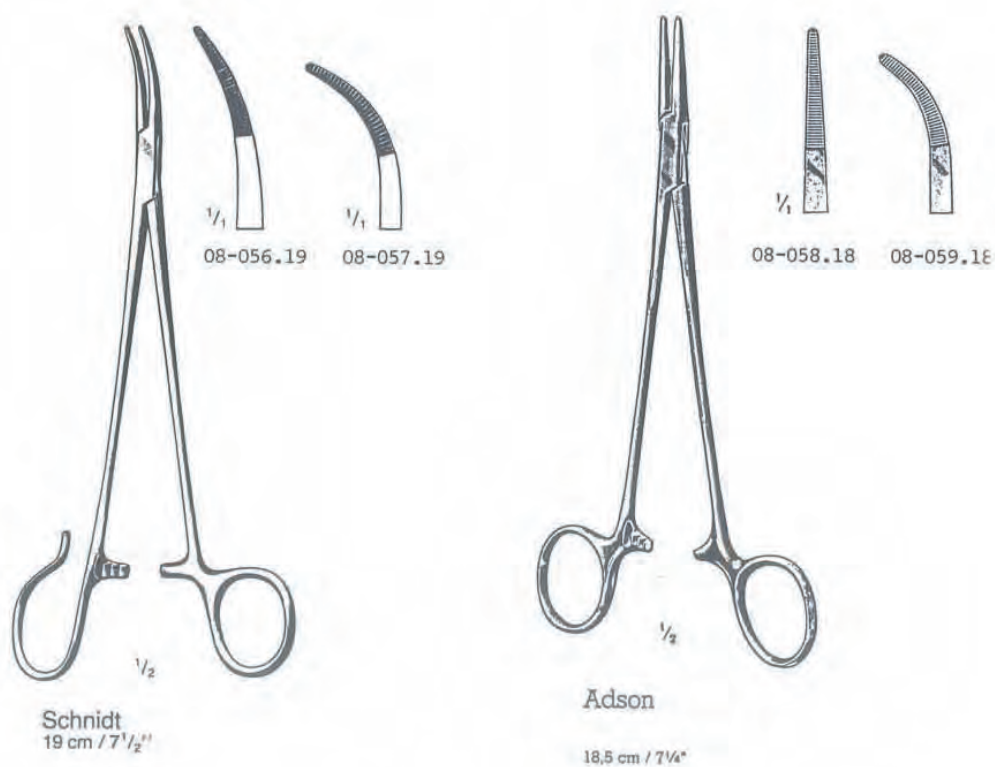
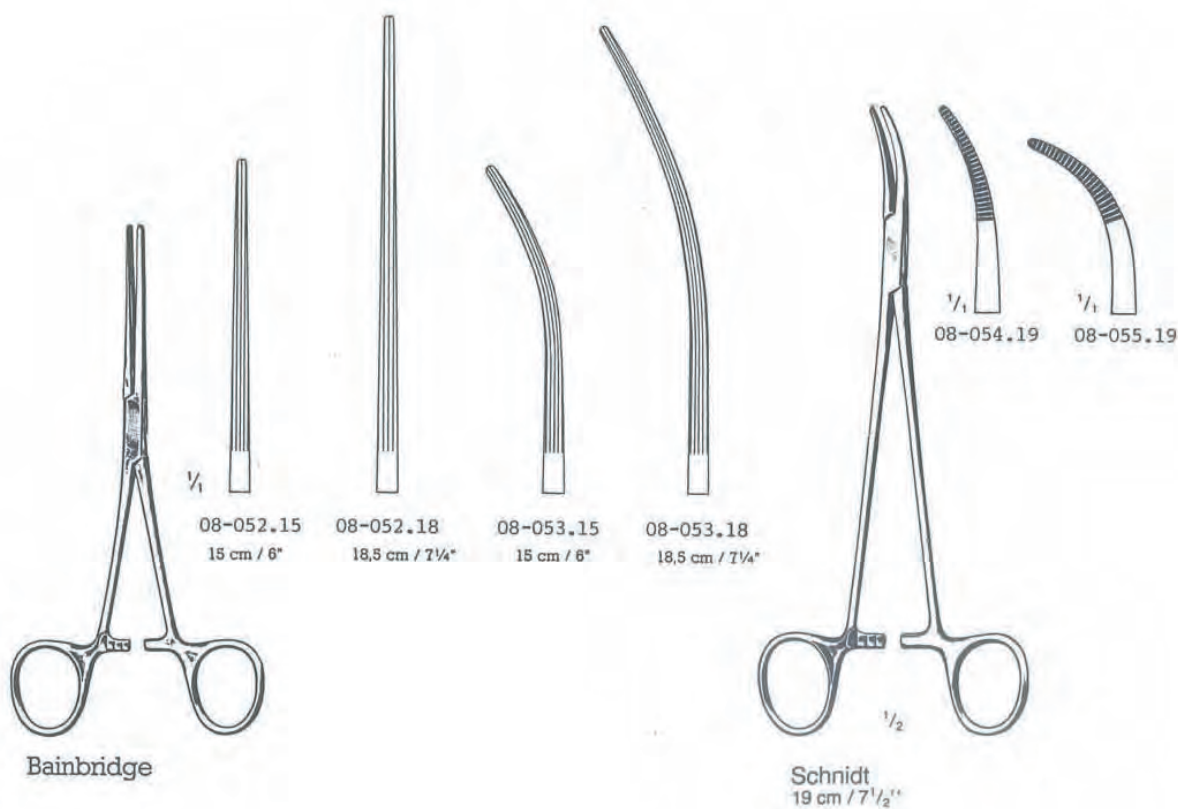
Dandy



1:2 Teeth  
Dientes  
Dents

## KLEMMEN FORCEPS

Artery Forceps  
 Pincers hemostatiques  
 Pinzas hemostaticas



**KLEMMEN  
FORCEPS**

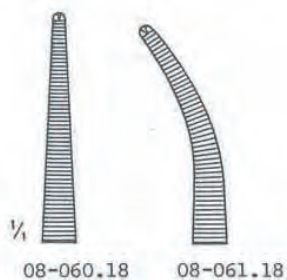
Artery Forceps  
Pinces hemostatiques  
Pinzas hemostaticas



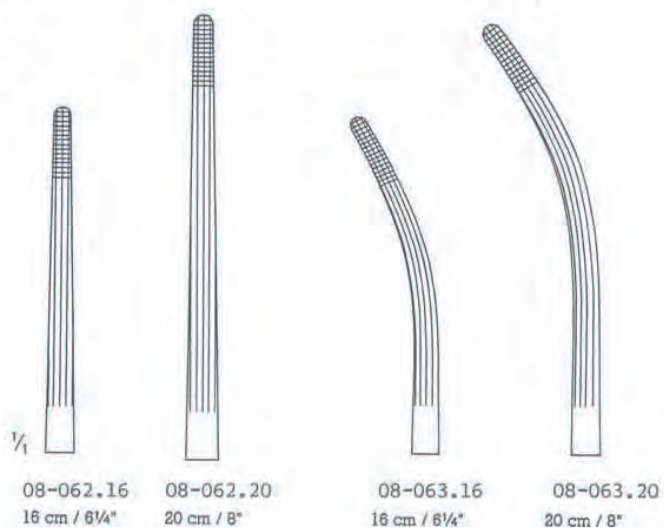
Adson

18,5 cm / 7 1/4"

1:2 Teeth, Dientes, Dents



Rochester-Carmalt



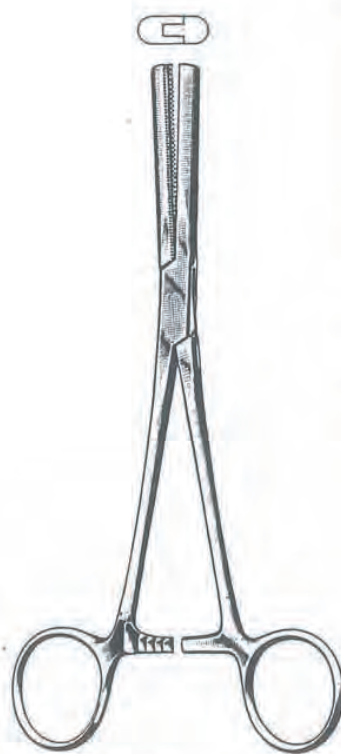


## KLEMMEN FORCEPS

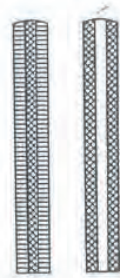
Artery Forceps, Angiotribes

Pinces hemostaticas, pincers-clamps a pression progressive

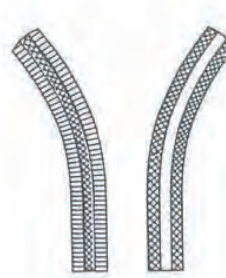
Pinzas hemostaticas, pinzas-clamps de presion progresiva



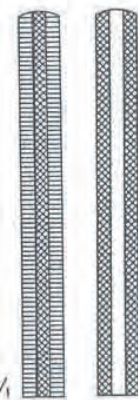
Fergusson



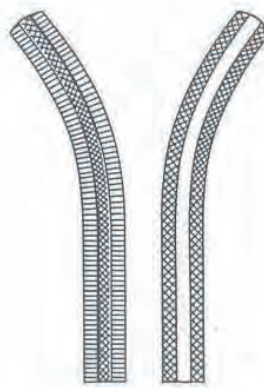
08-008.16  
16 cm / 6 1/4"



08-009.16  
16 cm / 6 1/4"



08-010.20  
20 cm / 8"



08-011.20  
20 cm / 8"



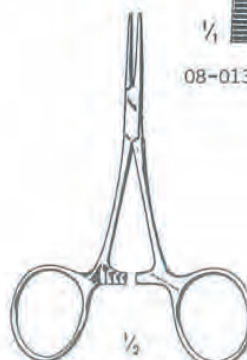
Baby-Mixter  
08-012.14



08-013.10



08-014.10



Hartmann

**KLEMMEN  
FORCEPS**

 Artery Forceps  
 Pinces hemostatiques  
 Pinzas hemostaticas


Bengolea


 08-068.20  
 20 cm / 8"

 08-069.20  
 20 cm / 8"

 08-070.20  
 20 cm / 8"

 08-071.20  
 20 cm / 8" 4"

1:2 Teeth, Dientes, Dents


 08-072.26  
 26 cm / 10 1/4"

 08-073.26  
 26 cm / 10 1/4"

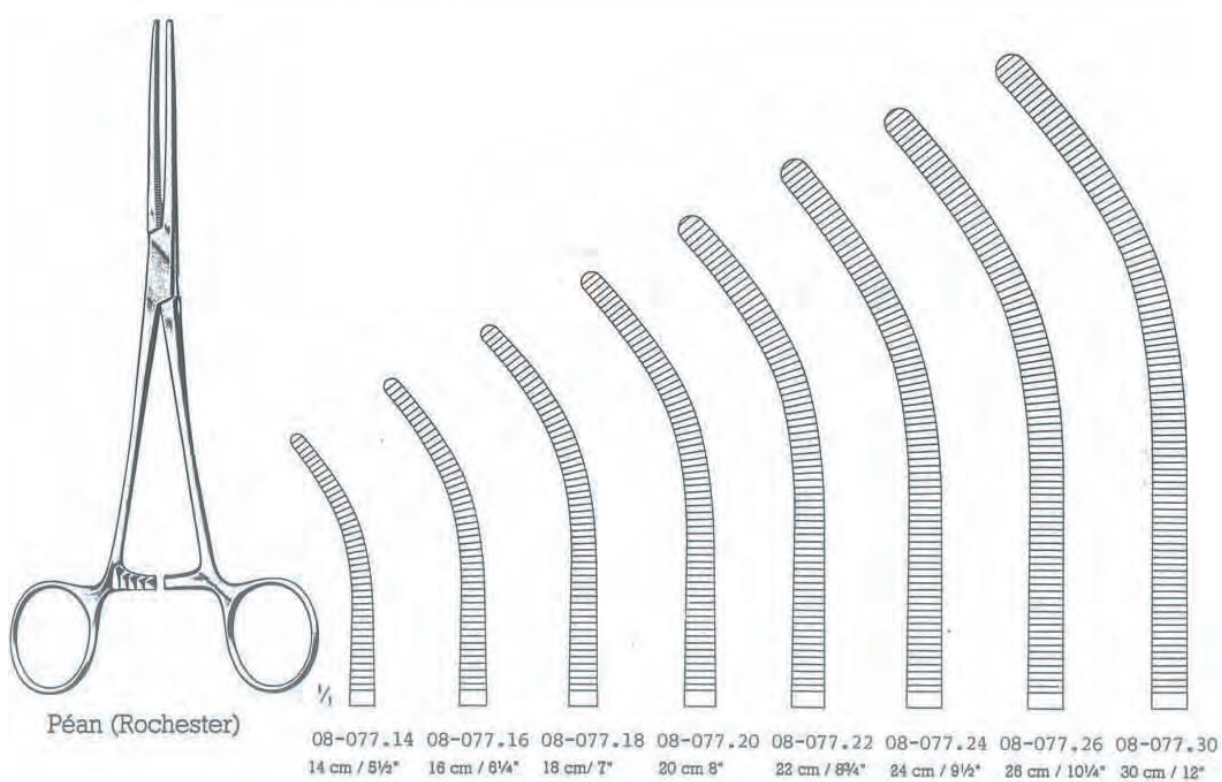
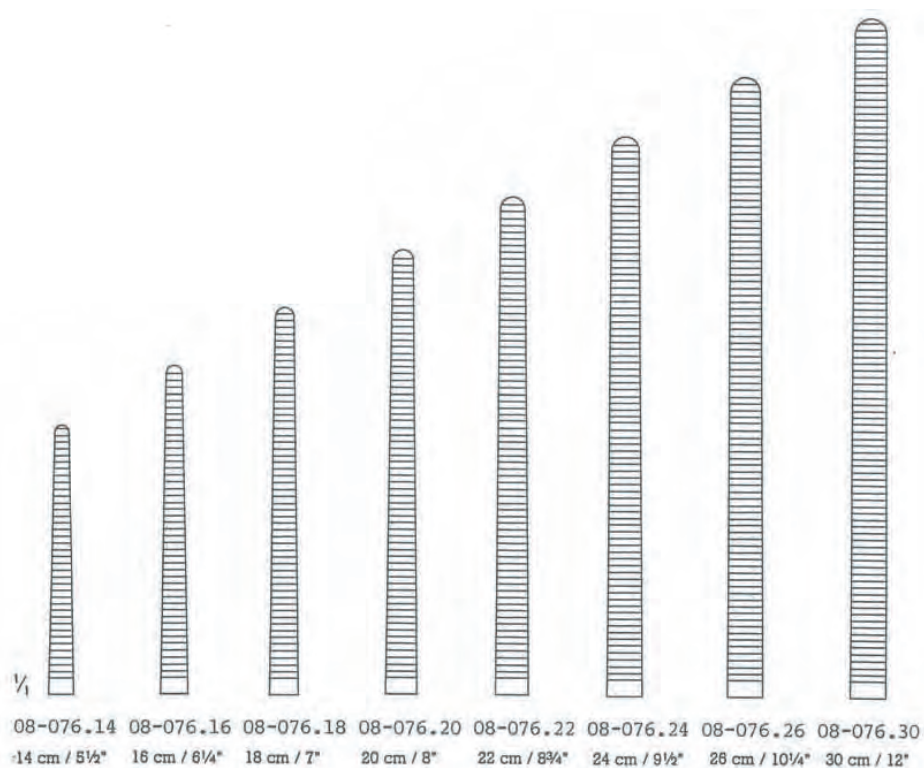
 08-074.26  
 26 cm / 10 1/4"

 08-075.26  
 26 cm / 10 1/4"

1:2 Teeth, Dientes, Dents

## KLEMMEN FORCEPS

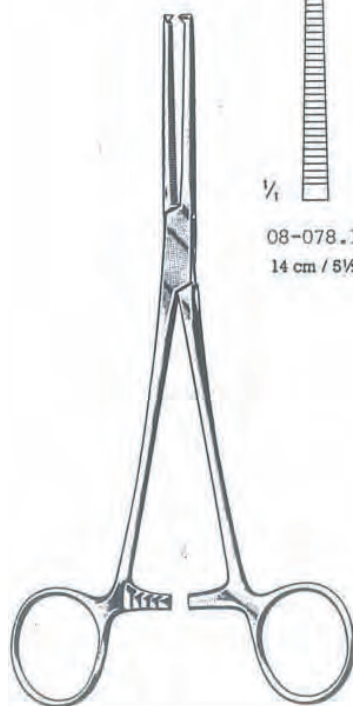
Artery Forceps  
 Pinces hemostatiques  
 Pinzas hemostaticas



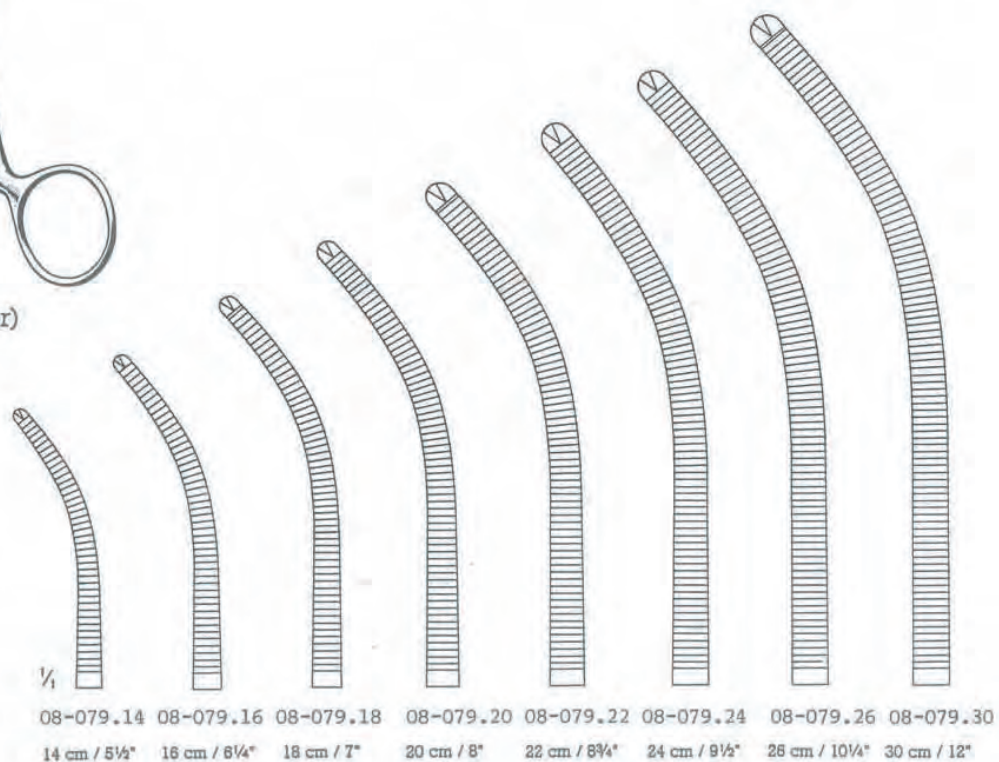
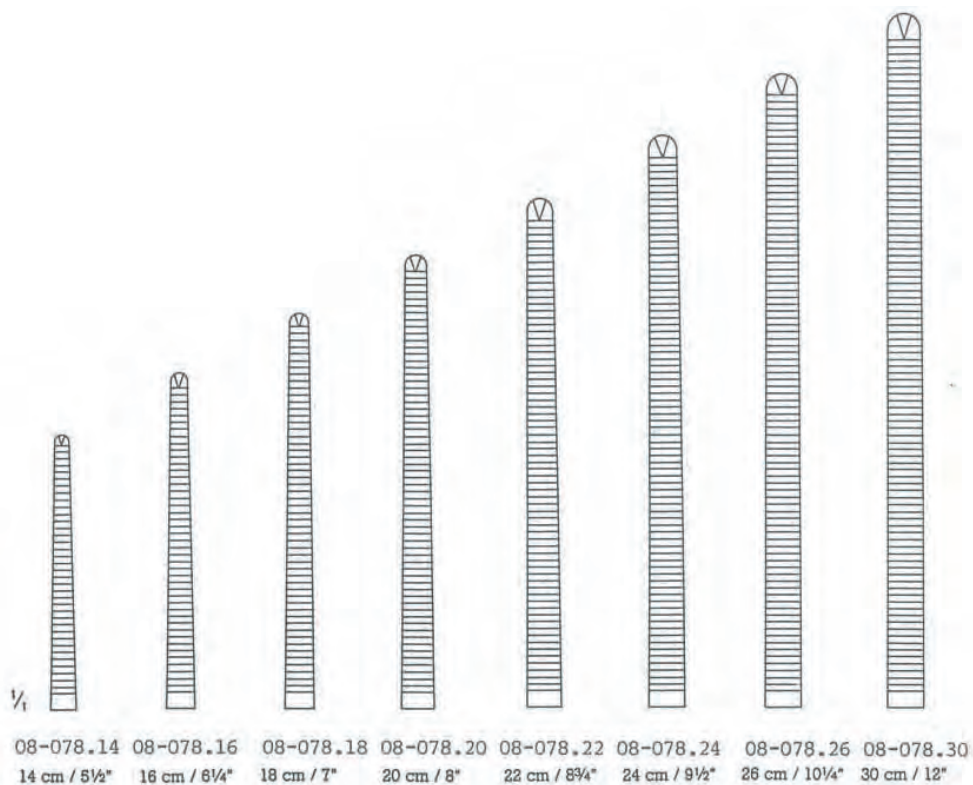


## KLEMMEN FORCEPS

Artery Forceps  
Pinces hemostatiques  
Pinzas hemostaticas

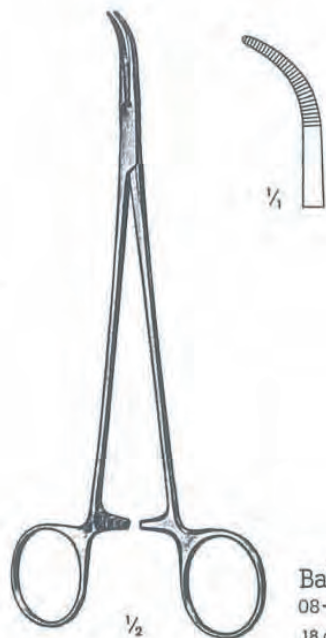


Kocher (Ochsner)

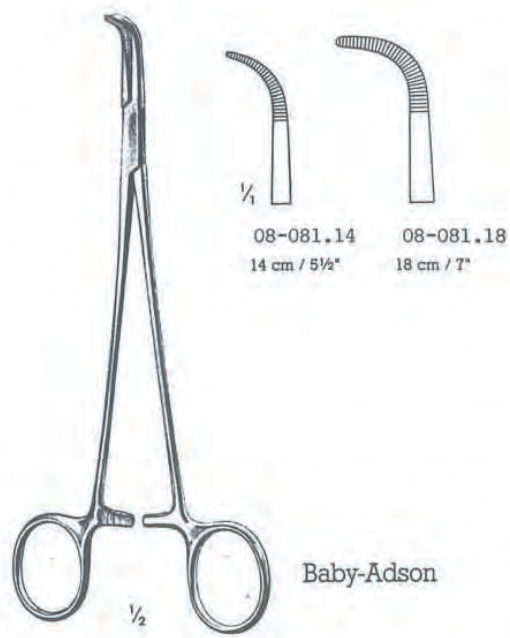


## KLEMMEN FORCEPS

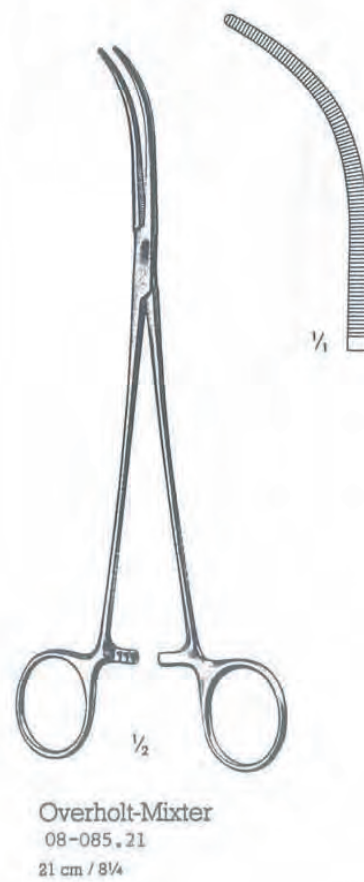
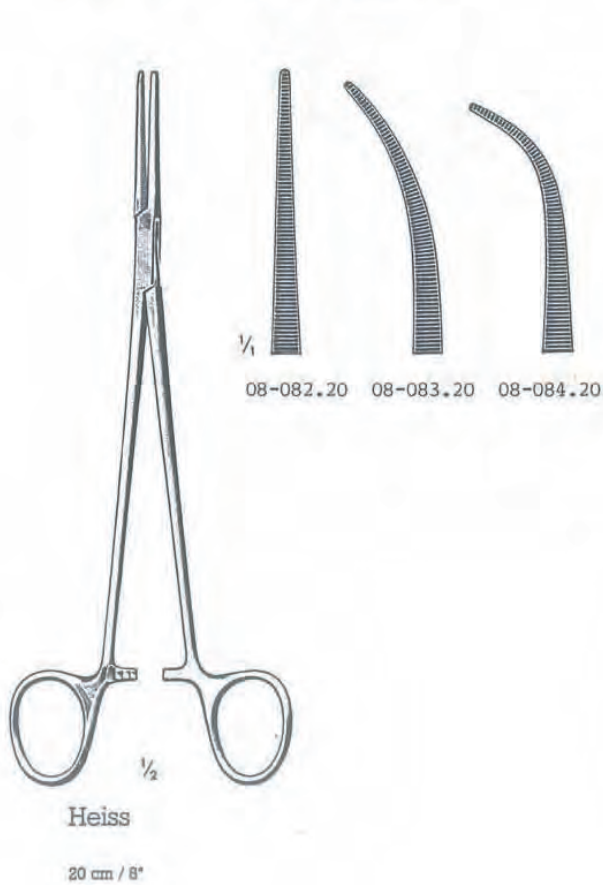
Artery Forceps, Dissecting Forceps  
 Pinces hemostatiques, Pinces a Dissection  
 Pinzas hemostaticas, Pinzas para Preparaciones



Baby-Mixer  
 08-080.18  
 18 cm / 7"



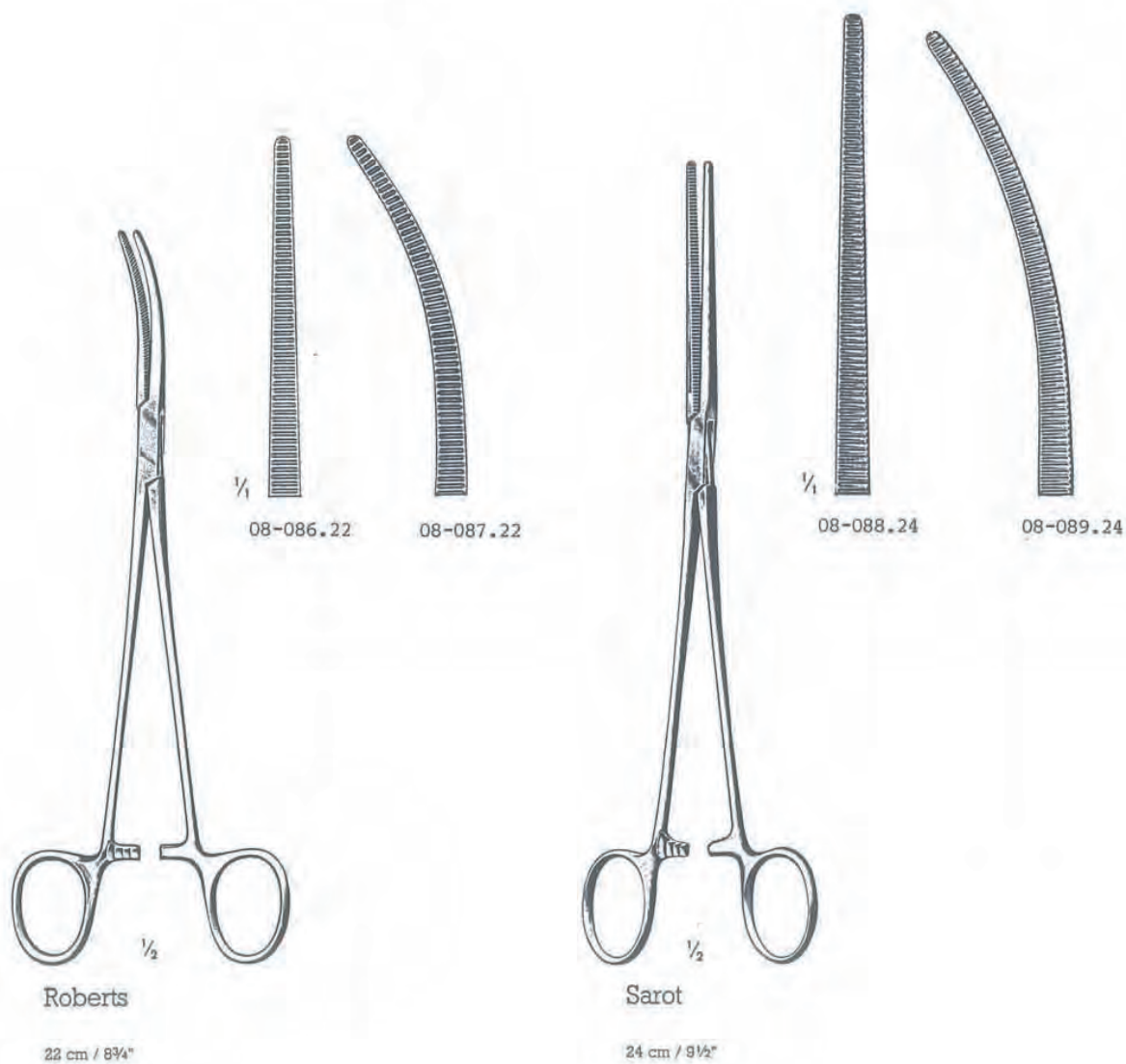
Baby-Adson





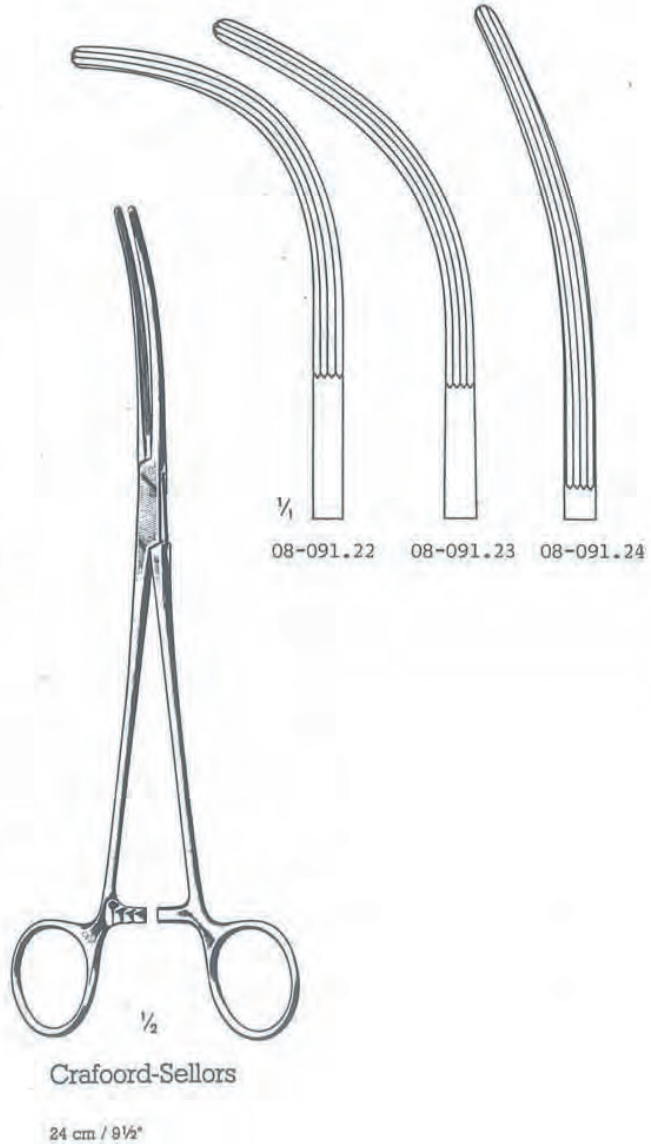
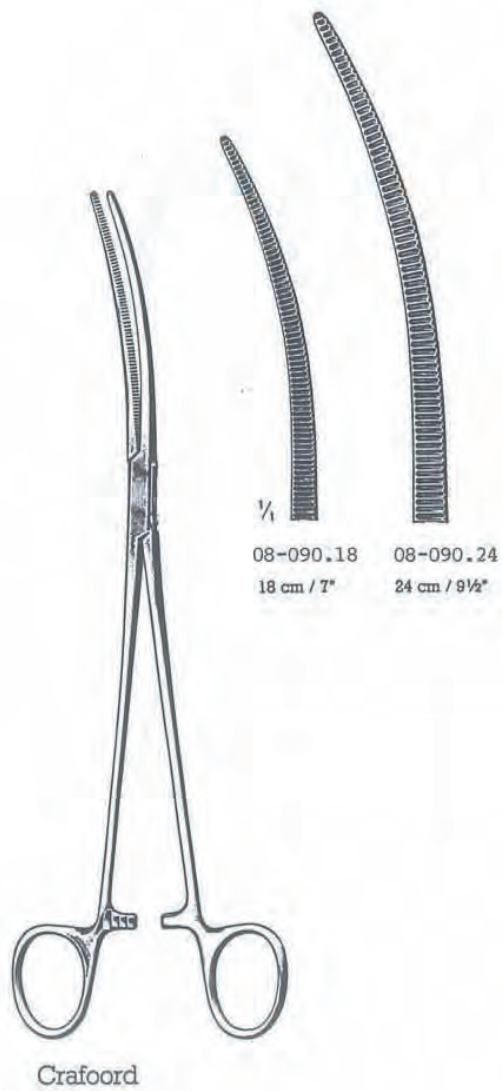
**KLEMMEN  
FORCEPS**

Artery Forceps, Dissecting Forceps  
Pincers hemostatiques, Pincers a Dissection  
Pinzas hemostaticas, Pinzas para Preparaciones



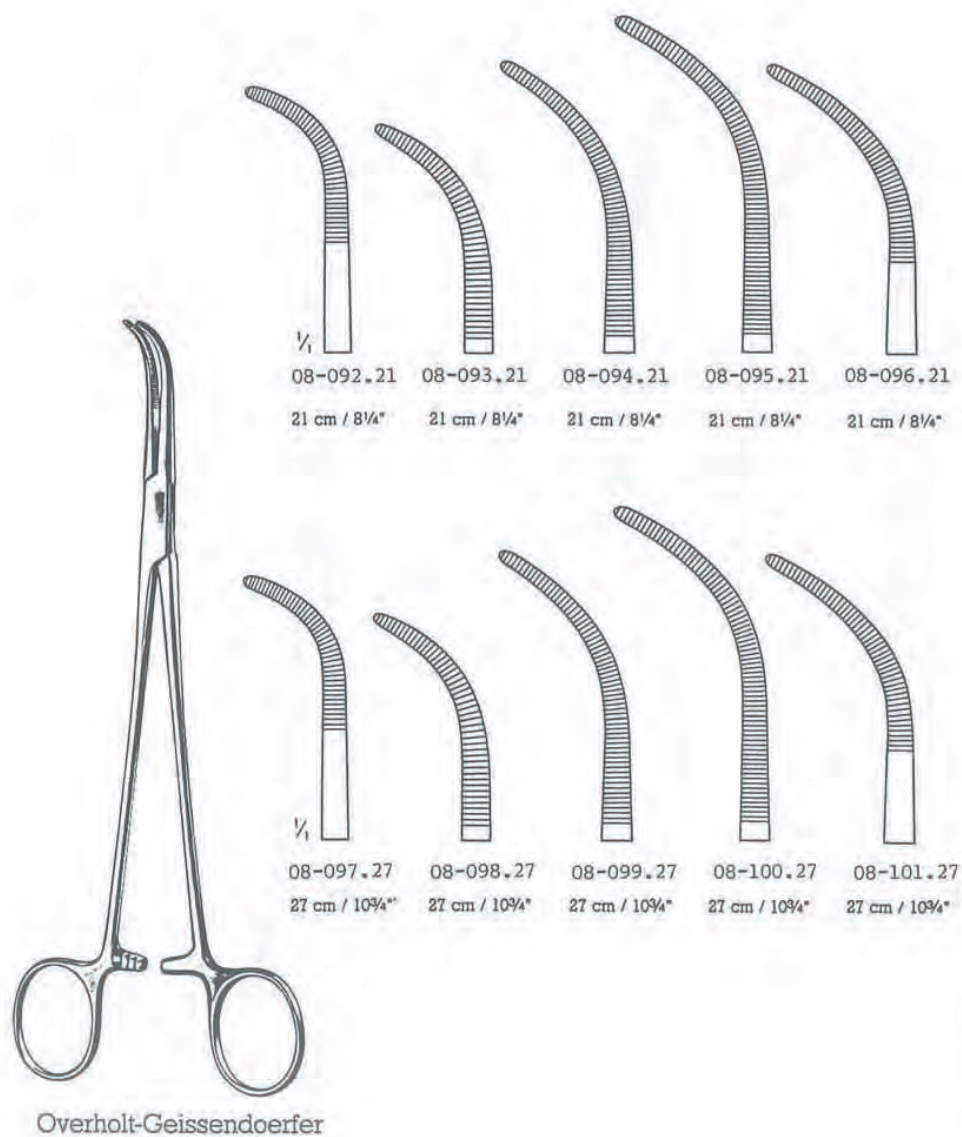
## KLEMMEN FORCEPS

Artery Forceps, Dissecting Forceps  
 Pincers hemostatiques, Pincers a Dissection  
 Pinzas hemostaticas, Pinzas para Preparaciones



**KLEMMEN  
FORCEPS**

Artery Forceps, Bronchus Forceps, Gall Duct Clamps  
 Pincès hemostatiques, Pincès bronchiques, Pincès Clamp pour voies biliares  
 Pinzas hemostaticas, Pinzas para bronquios, Pinzas-Clamps para conductos biliares



**KLEMMEN  
FORCEPS**

Artery Forceps, Bronchus Forceps  
Pincés hemostatiques, Pincés bronchiques  
Pinzas hemostáticas, Pinzas para bronquios



Rumel

23 cm / 9"



08-104.23



08-105.23



08-106.23



08-107.23



08-108.23



**KLEMMEN  
FORCEPS**

Artery Forceps  
Pinces hemostatiques  
Pinzas hemostaticas



Toennis



$\frac{1}{4}$

08-109.21  
21 cm/8 $\frac{1}{4}$ "



08-110.21  
21 cm/8 $\frac{1}{4}$ "



08-111.21  
21 cm/8 $\frac{1}{4}$ "



08-112.21  
21 cm/8 $\frac{1}{4}$ "

1:2 Teeth, Dientes, Dents



$\frac{1}{4}$

08-113.26  
26 cm/10 $\frac{1}{4}$ "



08-114.26  
26 cm/10 $\frac{1}{4}$ "



08-115.26  
26 cm/10 $\frac{1}{4}$ "

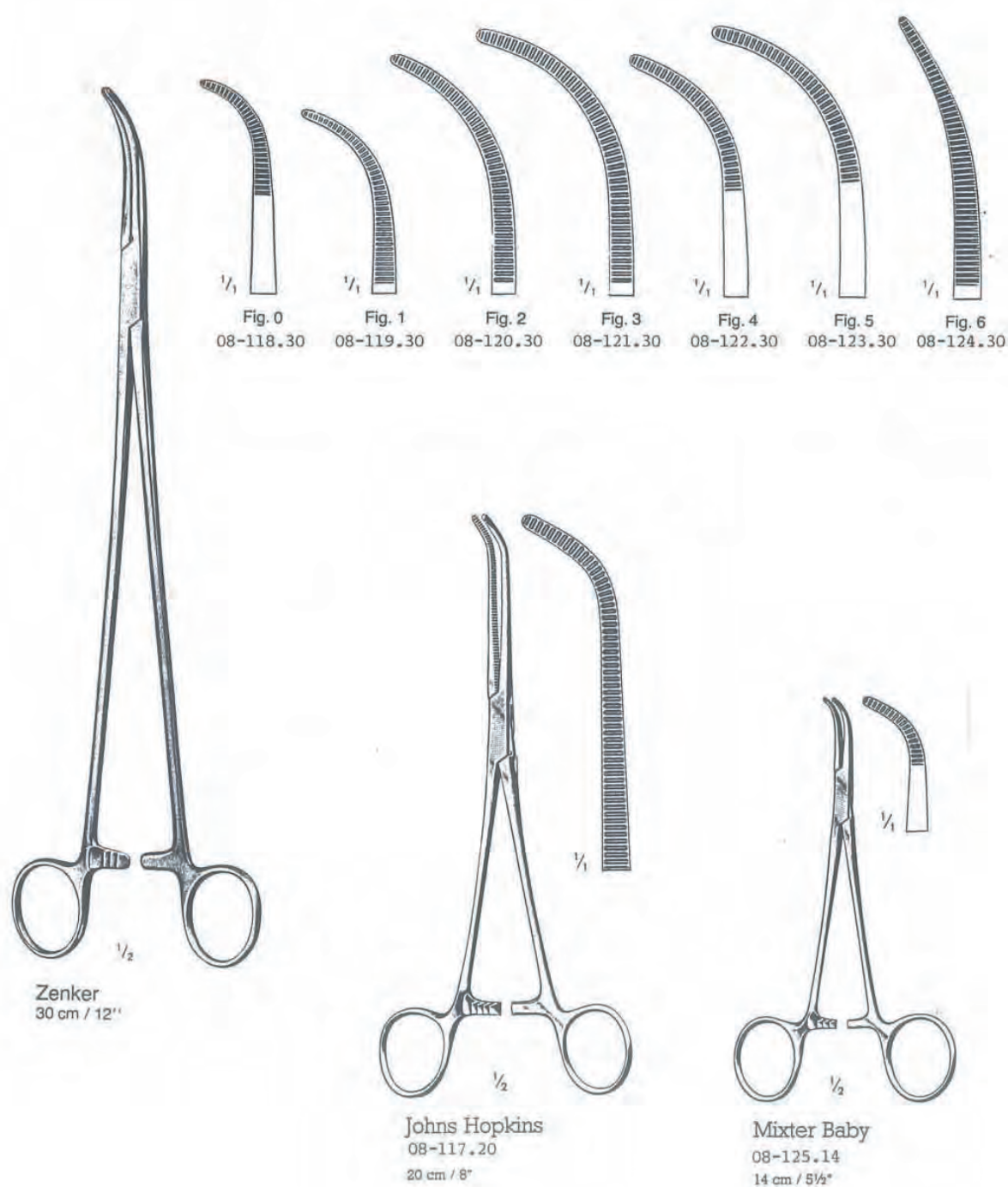


08-116.26  
26 cm/10 $\frac{1}{4}$ "

1:2 Teeth, Dientes, Dents

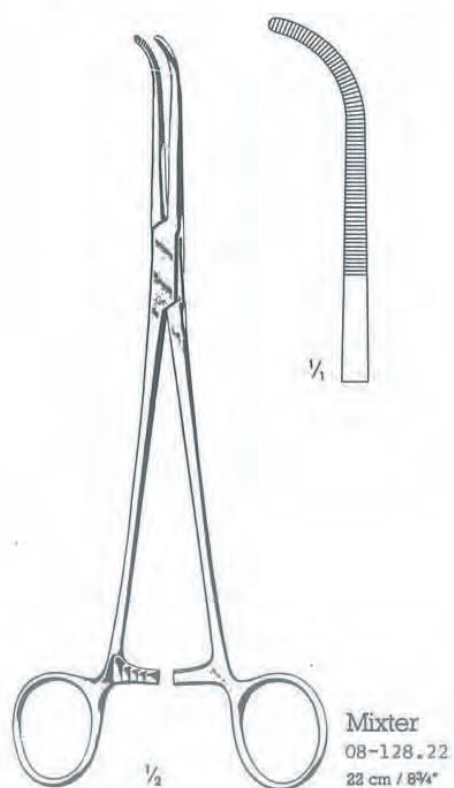
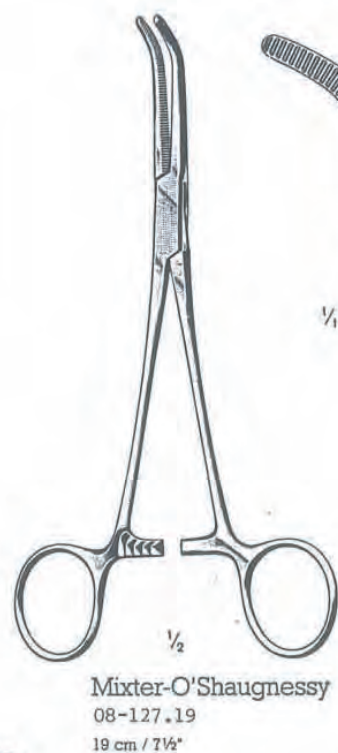
## KLEMMEN FORCEPS

Artery Forceps, Dissecting Forceps  
 Pincers hemostatiques, Pincers a Dissection  
 Pinzas hemostaticas, Pinzas para Preparaciones



## KLEMMEN FORCEPS

Artery Forceps, Bronchus Forceps, Gall Duct Clamps  
 Pinces hemostatiques, Pinces bronchiques, Pinces Clamp pour voies biliares  
 Pinzas hemostaticas, Pinzas para bronquios, Pinzas-Clamps para conductos biliares



**KLEMMEN  
FORCEPS**

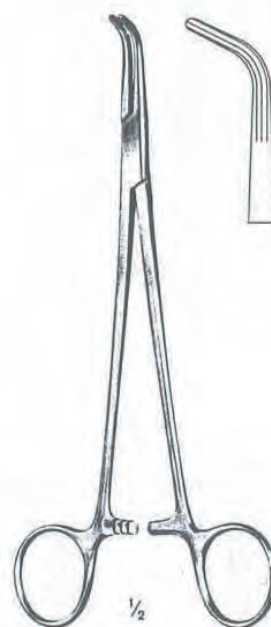
Artery Forceps, Bronchus Forceps  
Pincés hemostatiques, Pincés bronchiques  
Pinzas hemostáticas, Pinzas para bronquios





**KLEMMEN  
FORCEPS**

Artery Forceps, Bronchus Forceps  
 Pincers hemostatiques, Pincers bronchiques  
 Pinzas hemostaticas, Pinzas para bronquios



Lower  
 08-131.18  
 18 cm / 7"

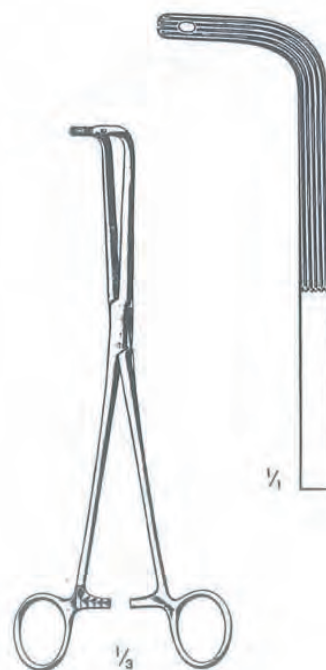


Lahey



08-132.19  
 20 cm / 8"

08-132.23  
 23 cm / 9"



Finocchietto  
 08-133.24  
 24 cm / 9 1/2"

**KLEMMEN  
FORCEPS**

Kidney Pedicle Clamps  
Pinces-Clamps pour pedicules renaux  
Pinzas-Clamps para pedunculos renales



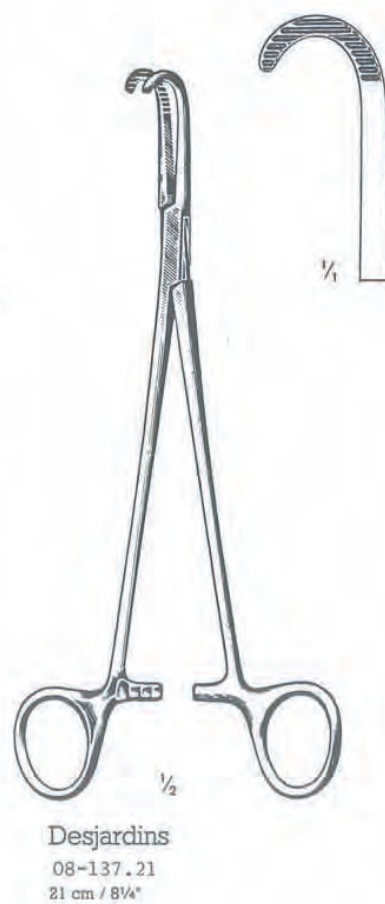
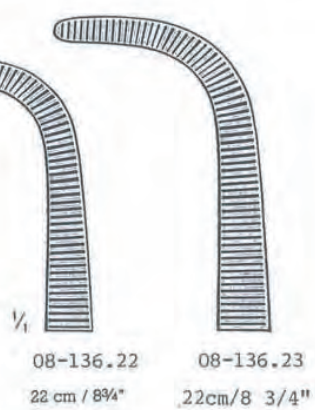
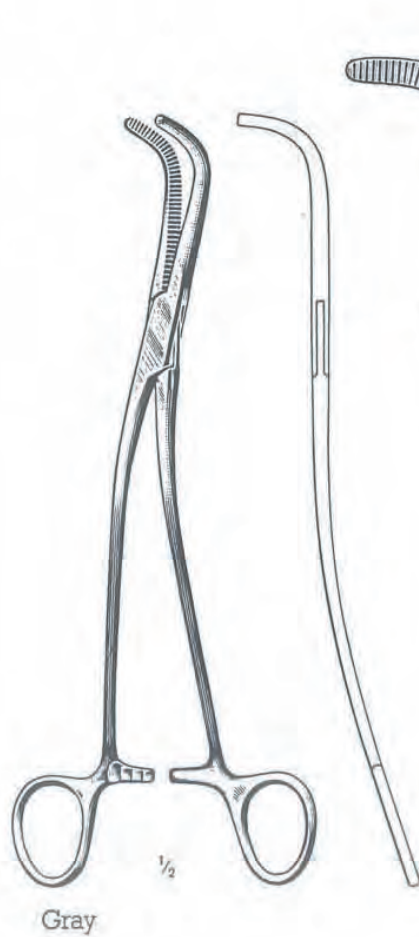
Stille  
08-134.24  
23 cm / 9"



Hemick  
08-135.23  
23 cm / 9"

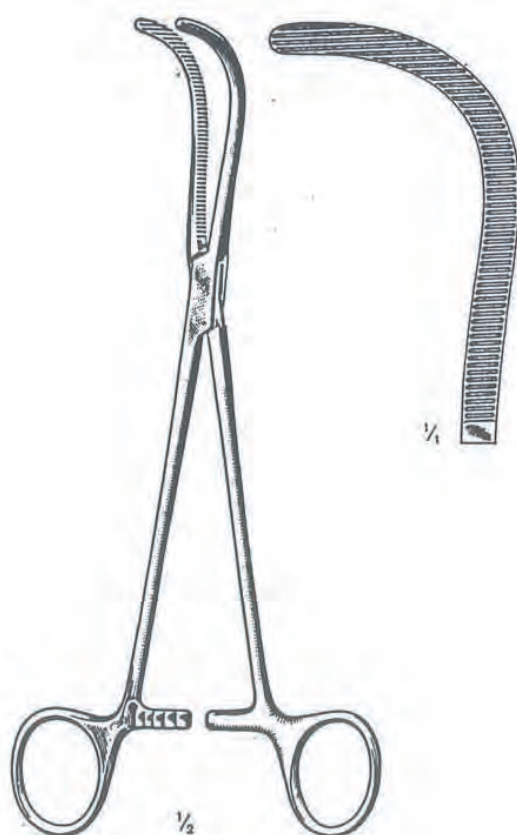
**KLEMMEN  
FORCEPS**

Gall Duct Clamps  
Pincers-Clamps pour voies biliaires  
Pinzas-Clamps para conductos biliares

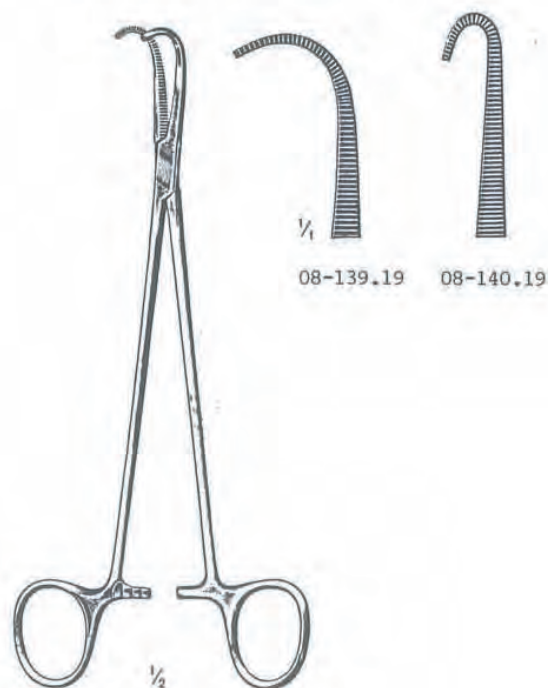


## KLEMMEN FORCEPS

Kidney Pedicle Clamps  
 Pincers-Clamps pour pedicules renaux  
 Pinzas-Clamps para pedunculos renales



Guyon  
 08-138.23  
 23 cm / 9"

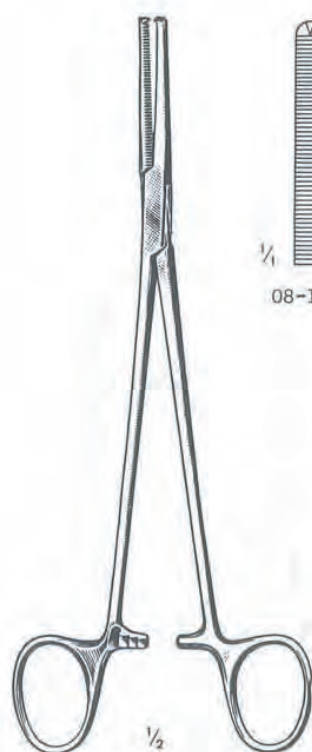


Negus  
 19 cm / 7 1/2"



## KLEMMEN FORCEPS

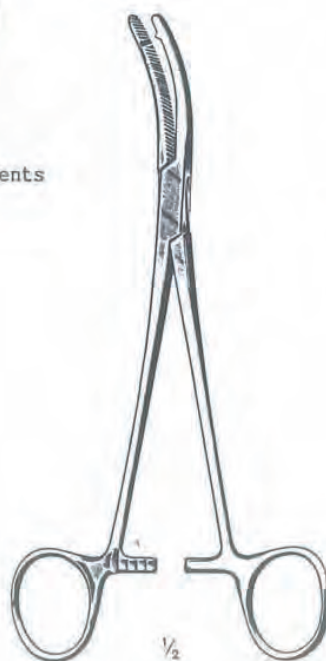
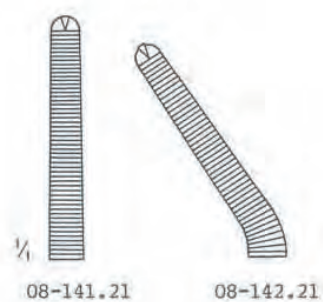
Clamp-Forceps, Hysterectomy Forceps  
Pincers-Clamps, Pincers a hysterectomie  
Pinzas-Clamps, Pinzas para Histerectomia



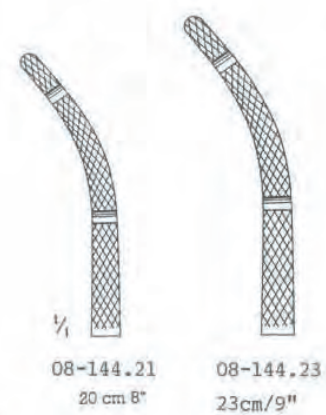
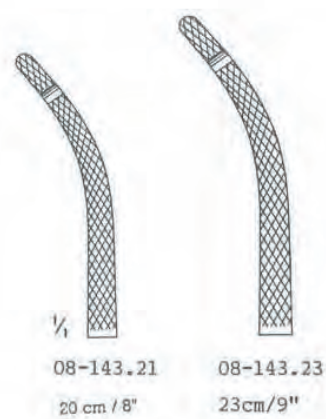
Phaneuf

21 cm / 8 1/2"

1:2 Teeth, Dientes, Dents

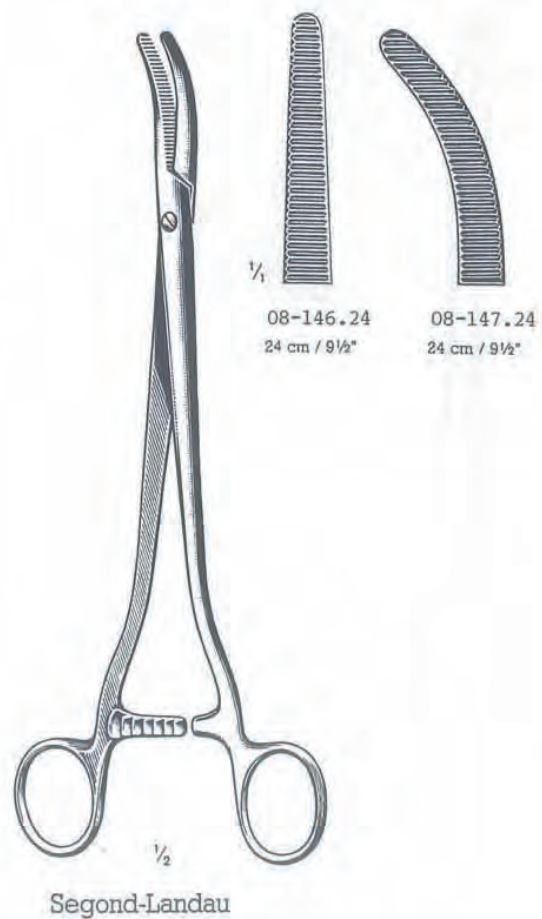
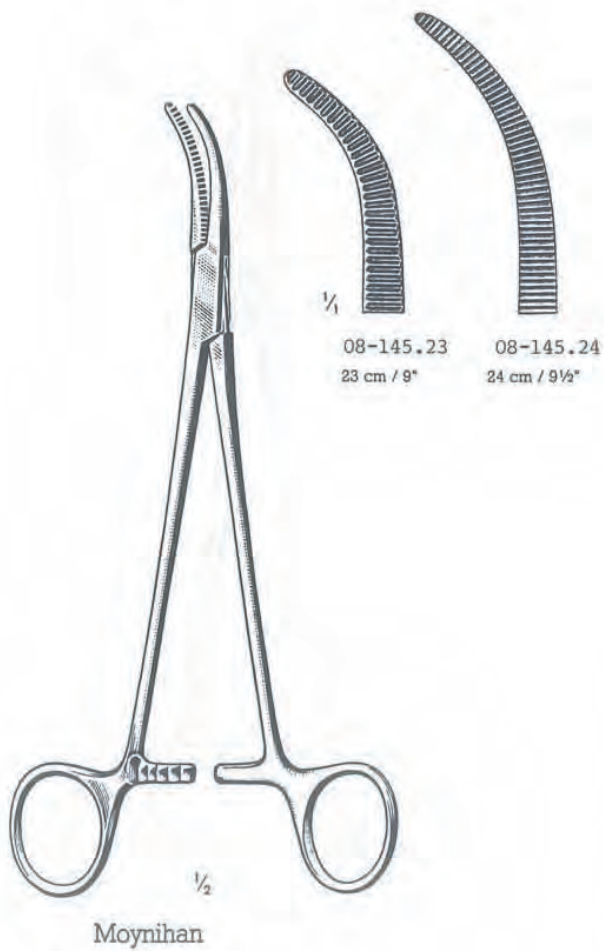


Heaney



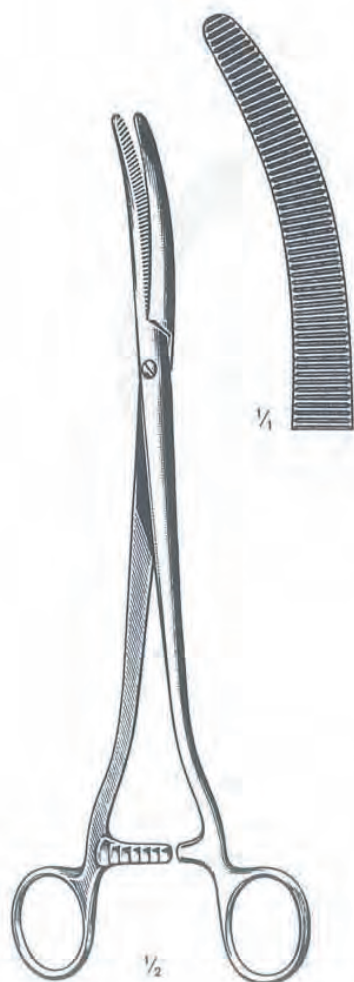
## KLEMMEN FORCEPS

Clamp-Forceps, Hysterectomy Forceps  
 Pincers-Clamps, Pincers a hysterectomie  
 Pinzas-Clamps, Pinzas para Histerectomia

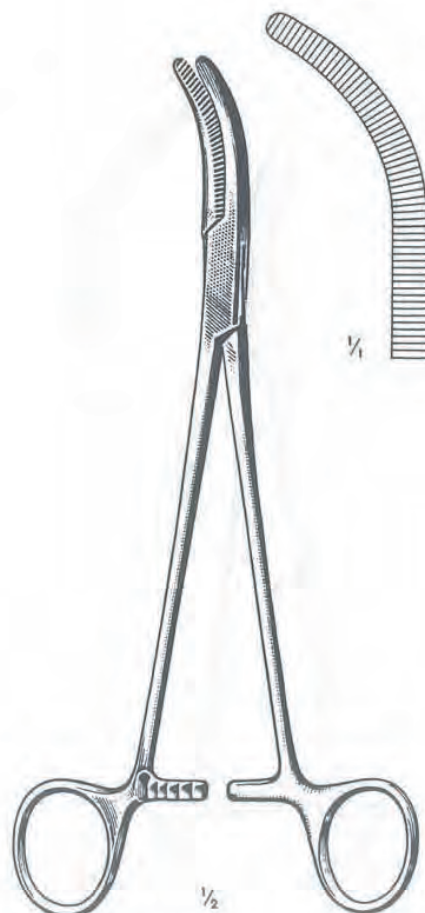


**KLEMMEN  
FORCEPS**

Clamp-Forceps, Hysterectomy Forceps  
Pincers-Clamps, Pincers a hysterectomie  
Pinzas-Clamps, Pinzas para Histerectomia



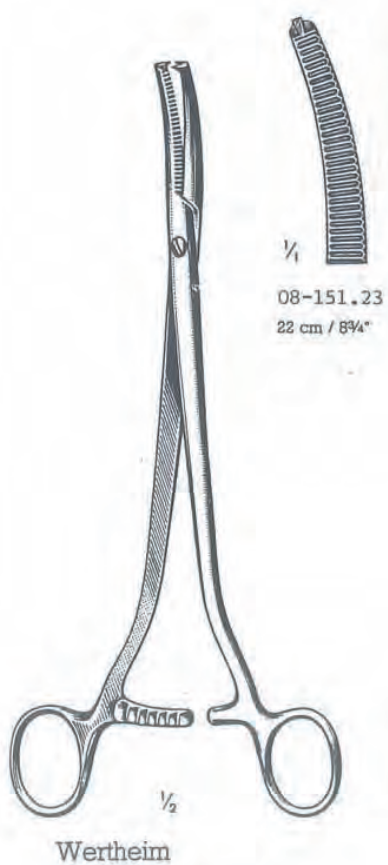
Faure  
08-148.25  
25 cm / 10"



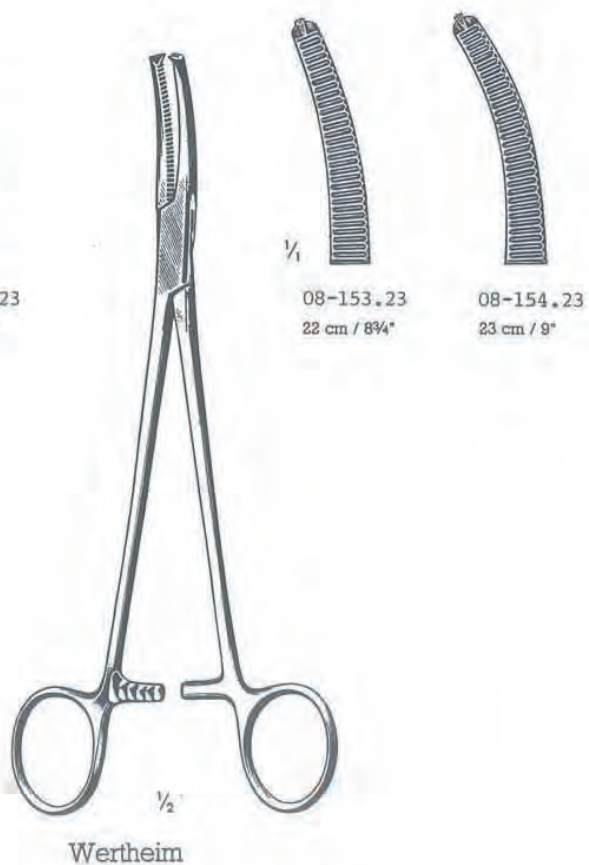
Wertheim  
08-150.25  
25 cm / 10"

## KLEMMEN FORCEPS

Clamp-Forceps, Hysterectomy Forceps  
 Pincers-Clamps, Pincers a hysterectomie  
 Pinzas-Clamps, Pinzas para Histerectomia



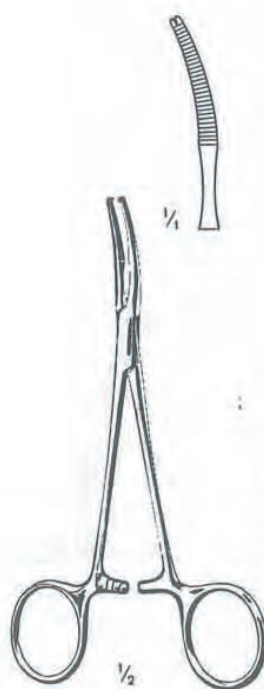
1:2 Teeth, Dientes, Dents



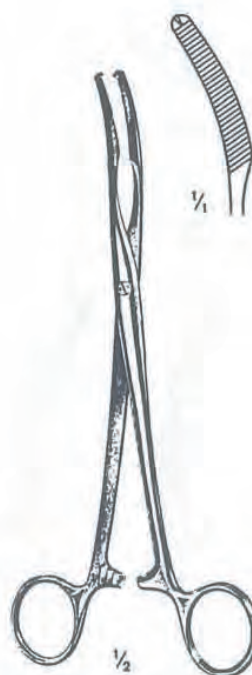
1:2 Teeth, Dientes, Dents

**KLEMMEN  
FORCEPS**

Peritoneal Clamp Forceps  
Pinces-Clamp pour le Peritoine  
Pinzas-Clamps para Peritoneo



**Baby-Mikulicz**  
08-155.14  
14 cm / 5 1/2"

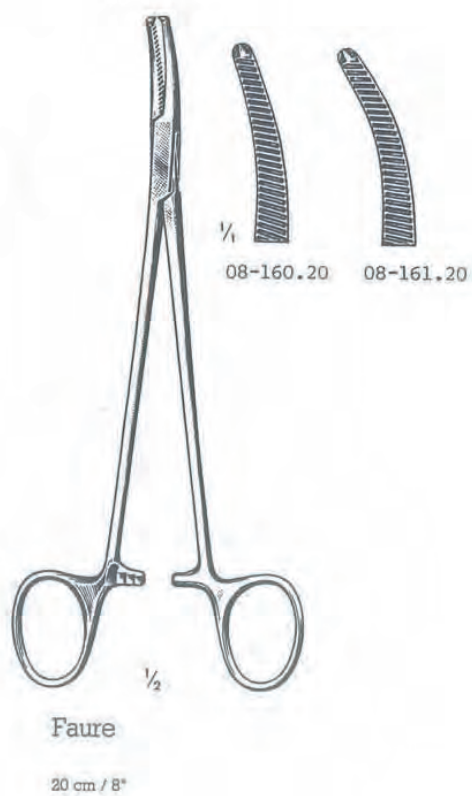
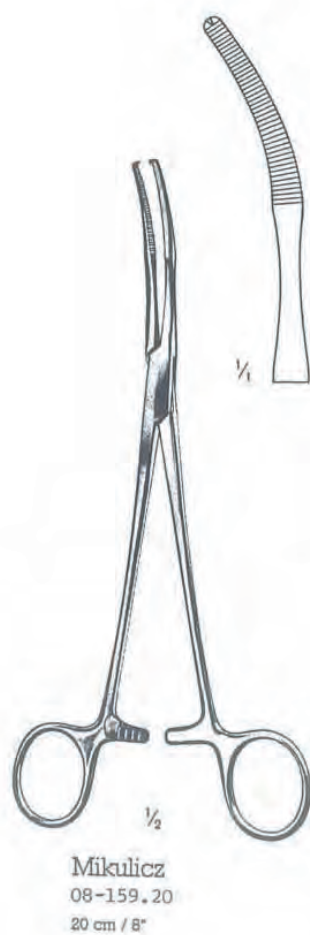
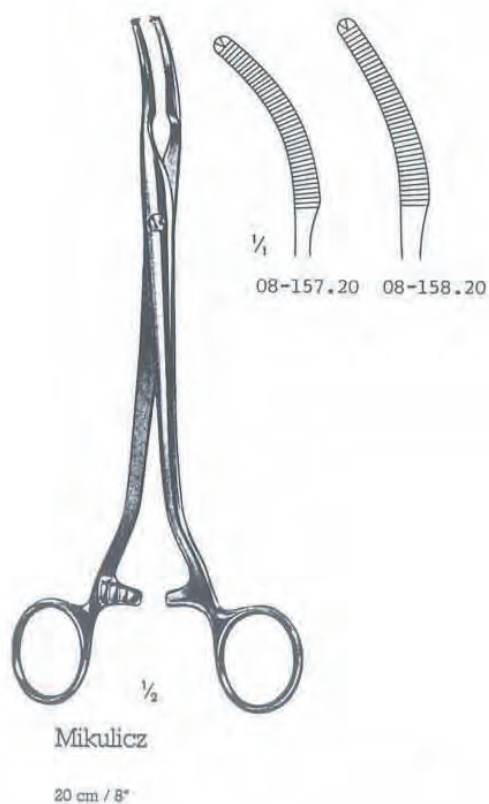


**Mikulicz**  
08-156.18  
18 cm / 7"



## KLEMMEN FORCEPS

Peritoneal Clamp Forceps  
 Pincés-Clamp pour le Peritoine  
 Pinzas-Clamps para Peritoneo

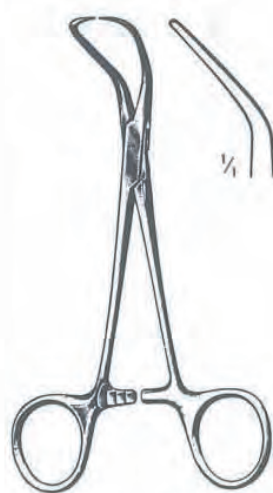


**KLEMMEN  
FORCEPS**

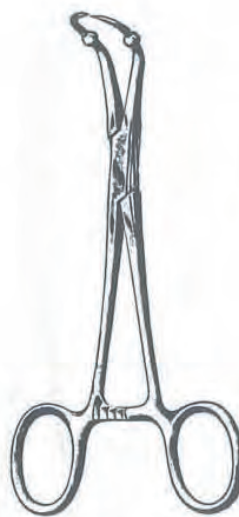
Towel Forceps  
Pinzas a Compreses  
Pinzas para Compresas



**Schaedel**  
08-162.09  
9 cm / 3 1/2"



**Backhaus**  
08-163.08 = 8 cm / 3 1/4"  
08-163.11 = 11 cm / 4 1/2"  
08-163.13 = 13 cm / 5"  
08-163.15 = 15 cm / 6"



**Roeder**  
08-164.13 = 13 cm / 5"

## KLEMMEN FORCEPS

Towel Forceps  
Pinzes a Compresses  
Pinzas para Compresas



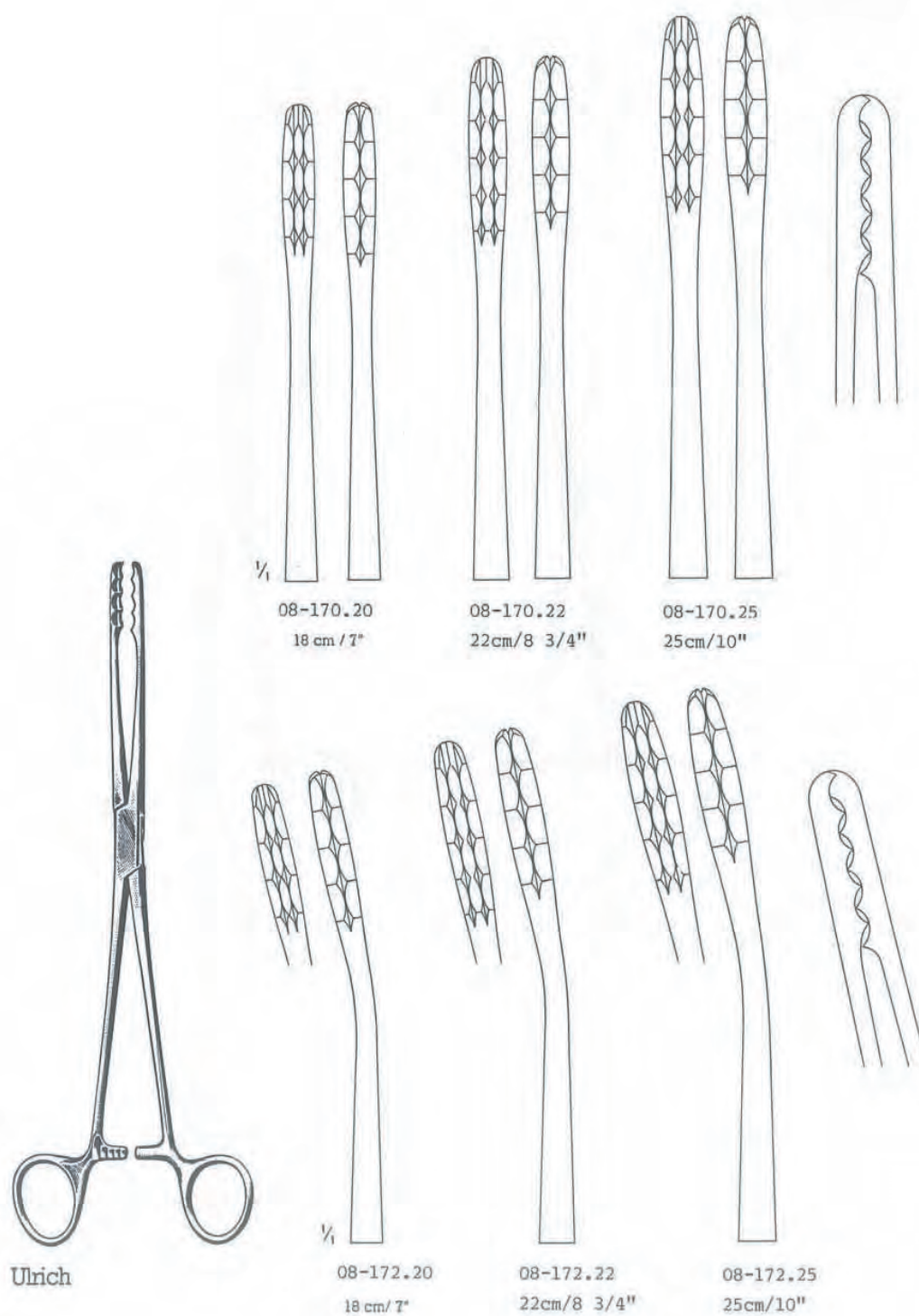
Bernhard  
08-166.16  
16 cm / 6 1/2"



Lane  
08-167.20  
20cm/8"

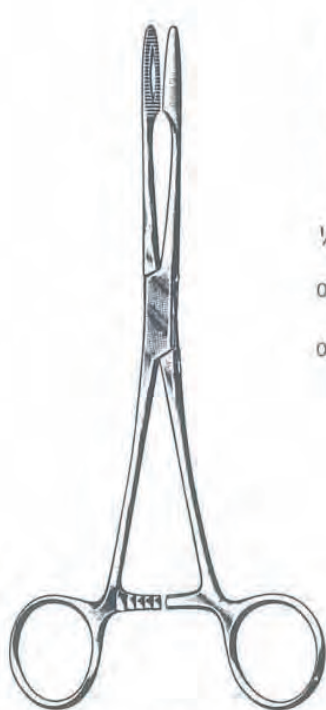
**KLEMMEN  
FORCEPS**

Dressing and Cotton Swab Forceps  
 Pincers a Pansements et Tampons  
 Pinzas para Vendajes y Tapones



**KLEMMEN  
FORCEPS**

Dressing and Cotton Swab Forceps  
Pincés a Pansements et Tampons  
Pinzas para Vendajes y Tapones



Maier



08-179.20 = 20 cm / 8"

08-179.25 = 25 cm / 10"



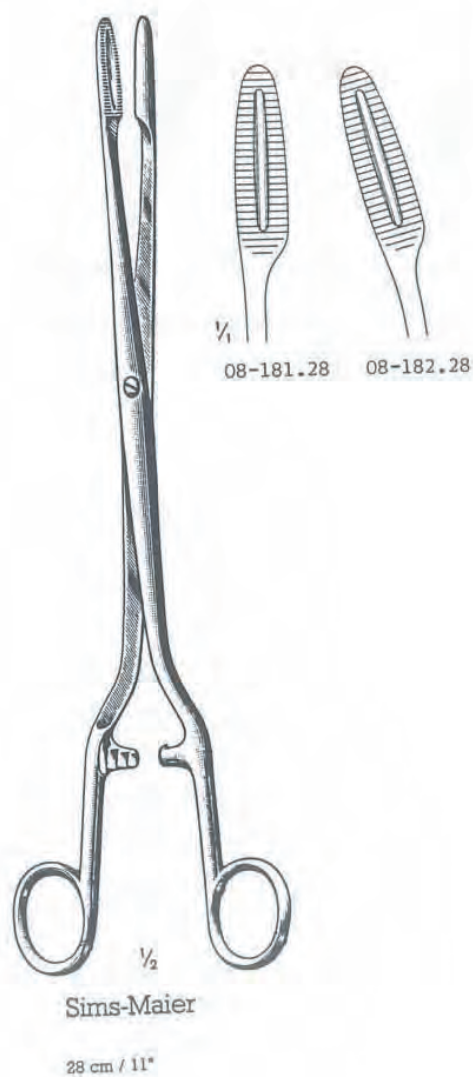
08-180.20 = 20 cm / 8"

08-180.25 = 25 cm / 10"



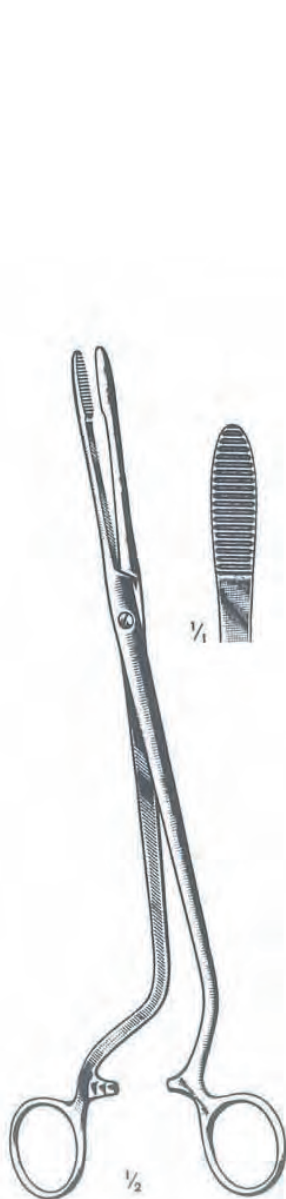
**KLEMMEN  
FORCEPS**

Polypus and Dressing Forceps, Cotton Swab Forceps  
Pincers a Pansements et Polypes, Pincers a Tampones  
Pinzas para Polipos y Vendajes, Pinzas para Tapones

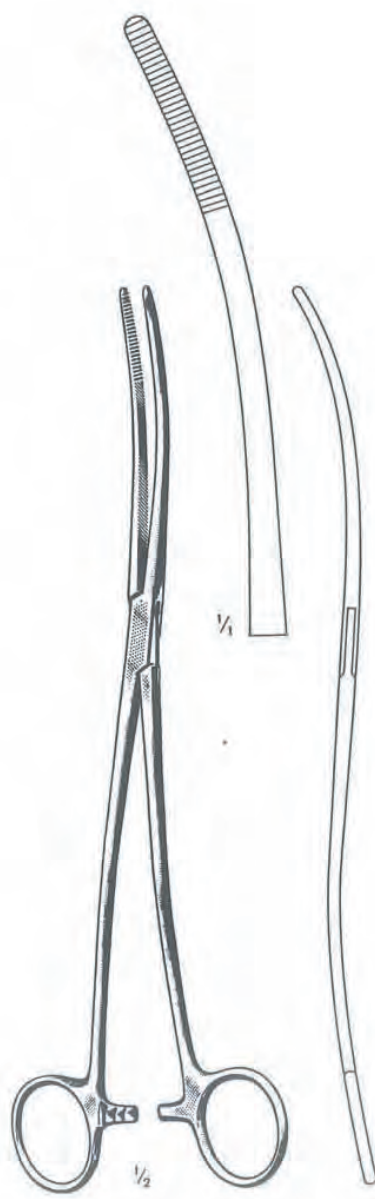


## KLEMMEN FORCEPS

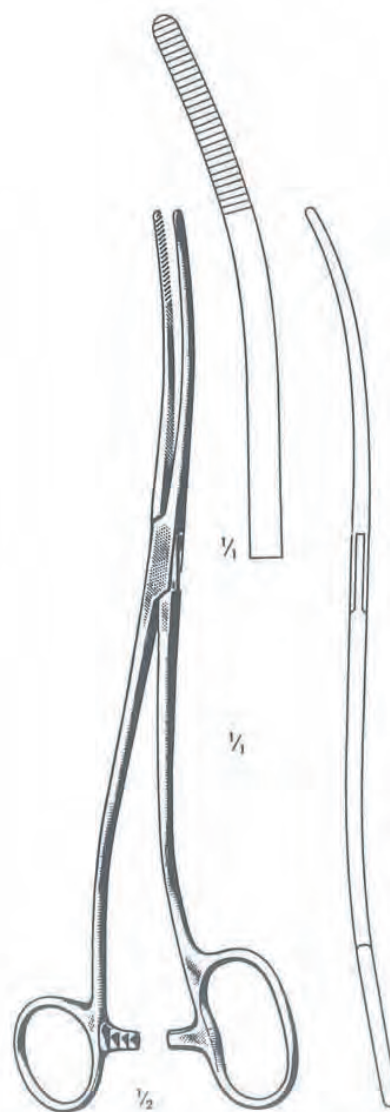
Polypus and Dressing Forceps, Cotton Swab Forceps  
 Pincas a Pansements et Polypes, Pincas a Tampones  
 Pinzas para Polipos y Vendajes, Pinzas para Tapones



**Cheron**  
 08-187.25  
 25 cm / 10"



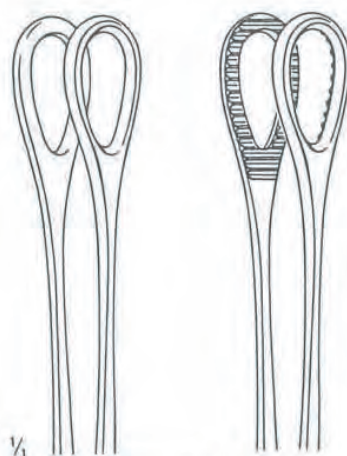
**Bozemann**  
 08-188.26  
 26 cm / 10 1/4"



**Bozemann-Douglas**  
 08-189.26  
 26 cm / 10 1/4"

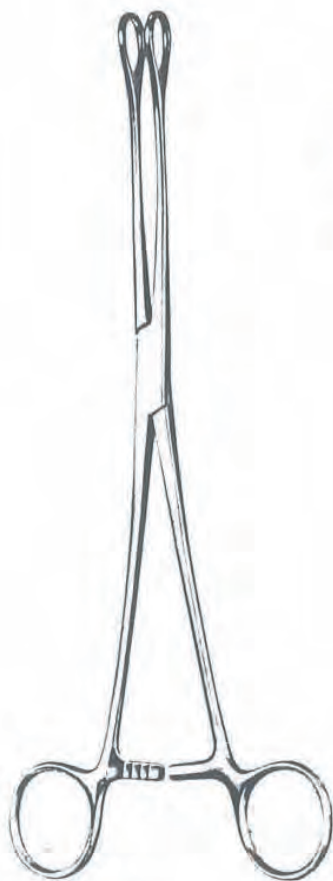
**KLEMMEN  
FORCEPS**

Cotton Swab Forceps, Sponge Holding Forceps  
 Pinces a Tampones et Esponges  
 Pinzas para Tapones, Pinzas Porta-Esponjas

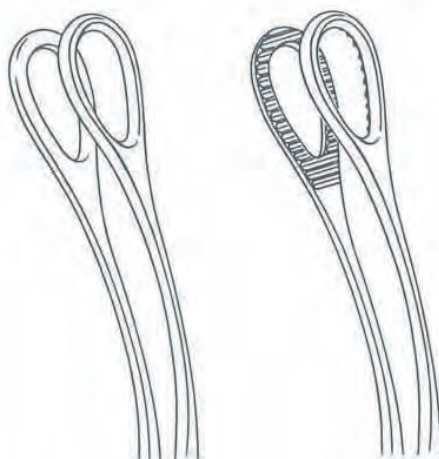


1/1

08-190.18=18cm/7"	08-191.18 = 18 cm / 7"
08-190.20=20cm/8"	08-191.20 = 20 cm / 8"
08-190.25=25cm/10"	08-191.25 = 25 cm / 10"



Foerster



08-192.18=18cm/7"	08-193.18 = 18 cm / 7"
08-192.20=20cm/8"	08-193.20 = 20 cm / 8"
08-192.25=25cm/10"	08-193.25 = 25 cm / 10"



**NADELHALTER  
NEEDLE HOLDER**





**NADELHALTER**  
**NEEDLE HOLDER**

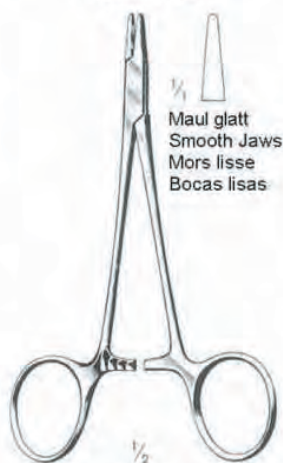

**Derf**  
 05-001.12  
 120mm / 4 3/4"



**Derf**  
 05-002.12  
 125mm / 5"



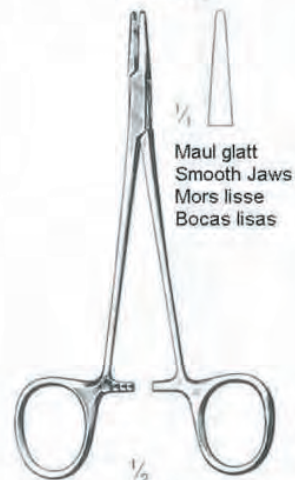
**Collier**  
 05-003.12  
 125mm / 5"



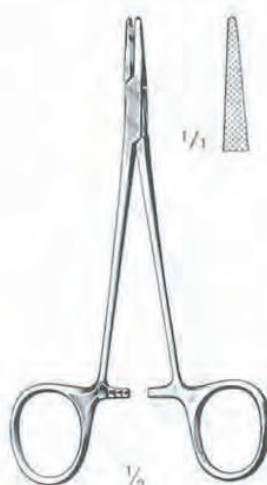
**Webster**  
 05-004.13  
 130mm / 5"



**Webster**  
 05-005.13  
 130mm / 5"



**Halsey**  
 05-006.13  
 130mm / 5"



**Halsey**  
 05-007.13  
 130mm / 5"

## NADELHALTER NEEDLE HOLDER

Maul glatt mit Spezialkehle  
Smooth Jaws with special groove  
Mors lisses avec rainure spéciale  
Bocas lisas con acanaladura especial



**Neivert**  
05-008.13  
130mm / 5"



**Hegar-Baumgartner**  
05-009.14  
140mm / 5½"



**Blair-Brown**  
05.010.13 130mm / 5"  
05-010.18 180mm / 7"



**Senning**  
05-011.14 145mm / 5¾"  
05-011.17 170mm / 6¾"



**Crile-Murray**  
05-012.15  
150mm / 6"

**NADELHALTER  
NEEDLE HOLDER**


05-013.15  
150mm / 6"



05-013.23  
230mm / 9"



05-013.18  
180mm / 7"



05-013.26  
260mm / 10¼"



05-013.20  
200mm / 8"



**NADELHALTER  
 NEEDLE HOLDER**

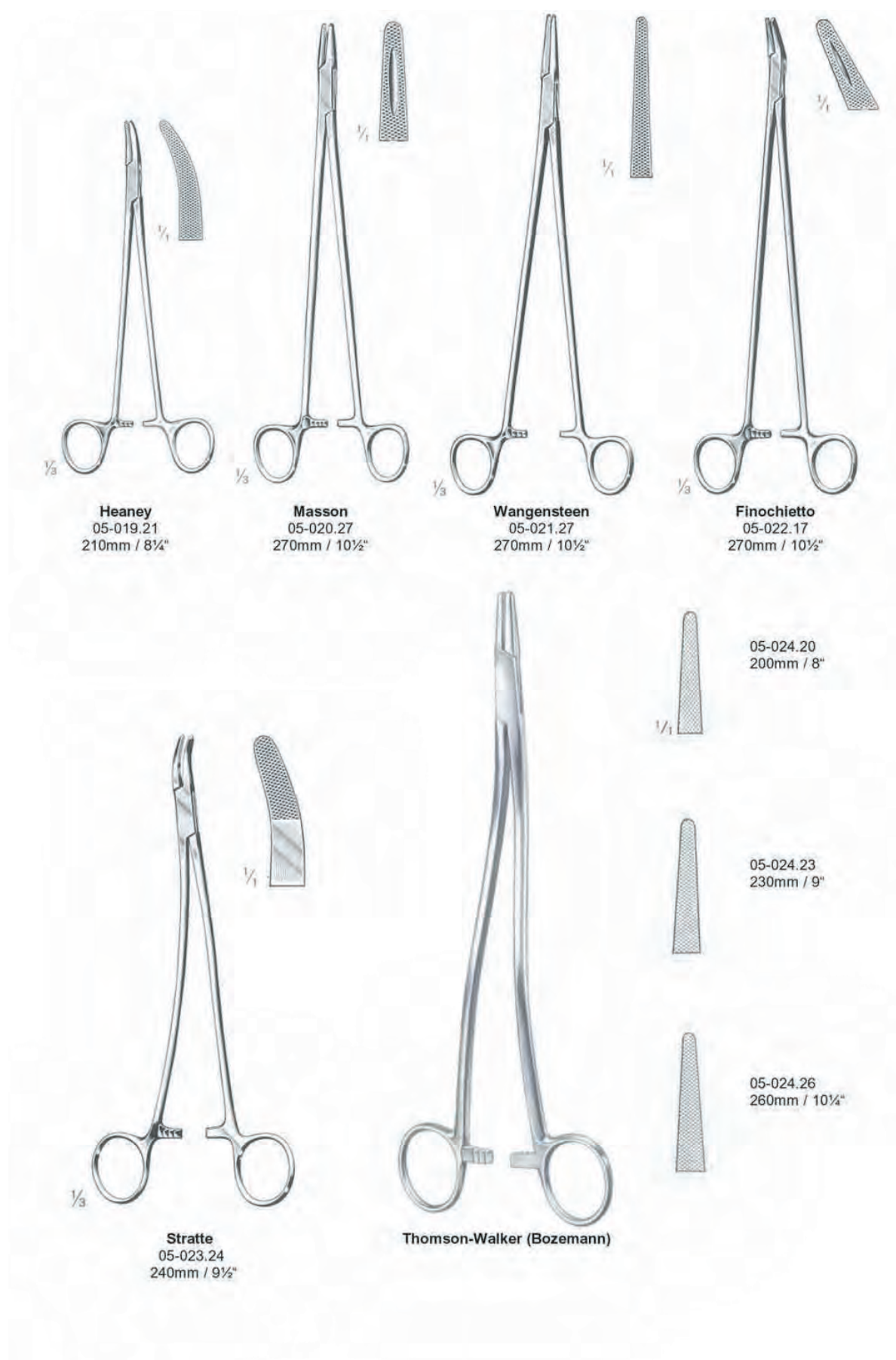

Sarot

05-017.18  
180mm / 7"05-017.27  
270mm / 10½"

Mayo-Hegar

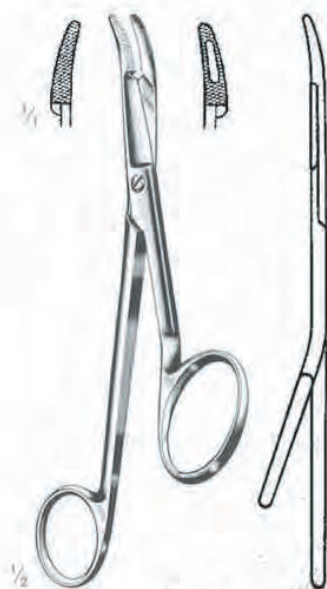
05-018.13  
130mm / 5"05-018.14  
140mm / 5½"05-018.16  
160mm / 6¼"05-018.18  
180mm / 7"05-018.20  
200mm / 8"05-018.24  
240mm / 9¼"05-018.26  
260mm / 10¼"05-018.30  
300mm / 12"



**NADELHALTER  
NEEDLE HOLDER**




**NADELHALTER  
NEEDLE HOLDER**



**Gillies**  
05-025.16  
160mm / 6 1/4"



**Olsen-Hegar-Mini**  
05-026.12  
125mm / 5"



**Olsen-Hegar**



05-026.14  
140mm / 5 1/2"



05-026.17  
170mm / 6 3/4"



05-026.19  
190mm / 7 1/2"

## NADELHALTER NEEDLE HOLDER



**Langenbeck Mod. Wien**



05-027.16  
160mm / 6 1/4"



05-027.18  
180mm / 7"



05-027.20  
200mm / 8"



**Mathieu-Kocher**  
schlank  
fine  
délicat  
delicado



05-031.14  
140mm / 5 1/2"



05-031.17  
170mm / 6 3/4"



05-031.20  
200 / 8"

## NADELHALTER NEEDLE HOLDER

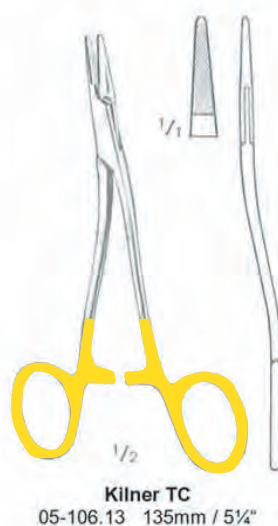
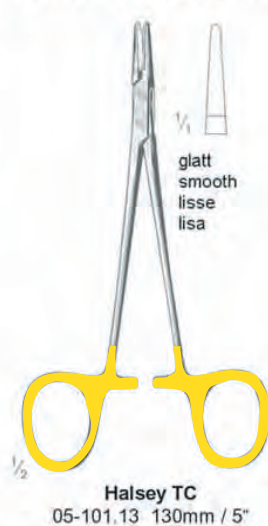
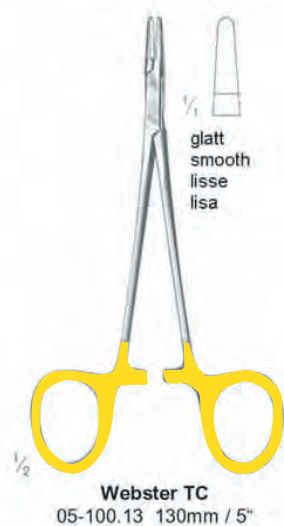


Mathieu



Mathieu



**NADELHALTER  
 NEEDLE HOLDER**
**Nadelhalter mit Hartmetalleinsätzen  
 Needle Holders with Tungsten Carbide Inserts**




## NADELHALTER NEEDLE HOLDER

### Nadelhalter mit Hartmetalleinsätzen Needle Holders with Tungsten Carbide Inserts



**Senning TC**  
05-107.15 150mm / 6"  
05-107.17 170mm / 6 3/4"



**Crile-Wood TC**



05-108.13  
130mm / 5"



05-108.15  
150mm / 6"



05-108.18  
180mm / 7"



05-108.20  
200mm / 8"



05-108.23  
230mm / 9"



05-108.26  
260mm / 10 1/4"



**DeBakey TC**



05-109.18  
180mm / 7"



05-109.20  
200mm / 8"



05-109.23  
230mm / 9"



05-109.26  
260mm / 10 1/4"



05-109.30  
300mm / 12"



**Mikro-Vascular TC**



05-110.01  
150mm / 6"  
glatt



05-110.04  
150mm / 6"



05-110.02  
180mm / 7"  
glatt



05-110.05  
180mm / 7"



05-110.03  
200mm / 8"  
glatt

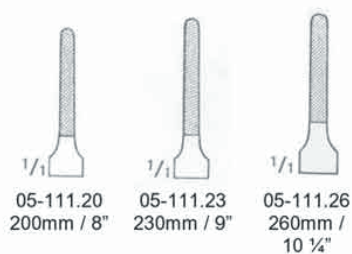
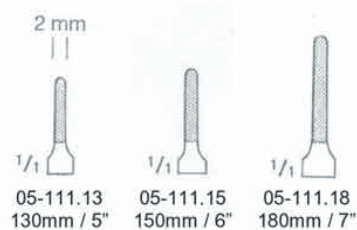


05-110.06  
200mm / 8"

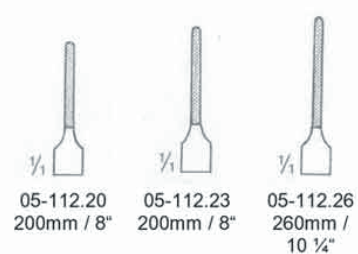
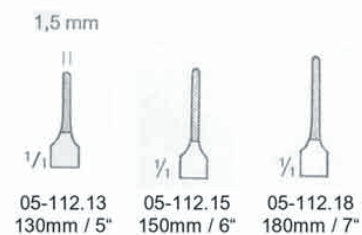
05-110.07  
230mm / 9"  
glatt  
smooth  
lisse  
lisa

05-110.08  
230mm / 9"

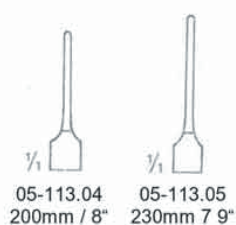
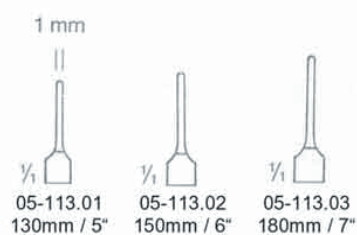


**NADELHALTER  
NEEDLE HOLDER**
**Nadelhalter mit Hartmetalleinsätzen  
Needle Holders with Tungsten Carbide Inserts**


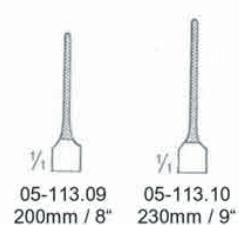
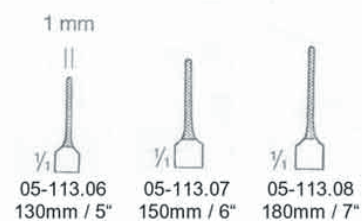
Ryder/French Eye TC 2mm

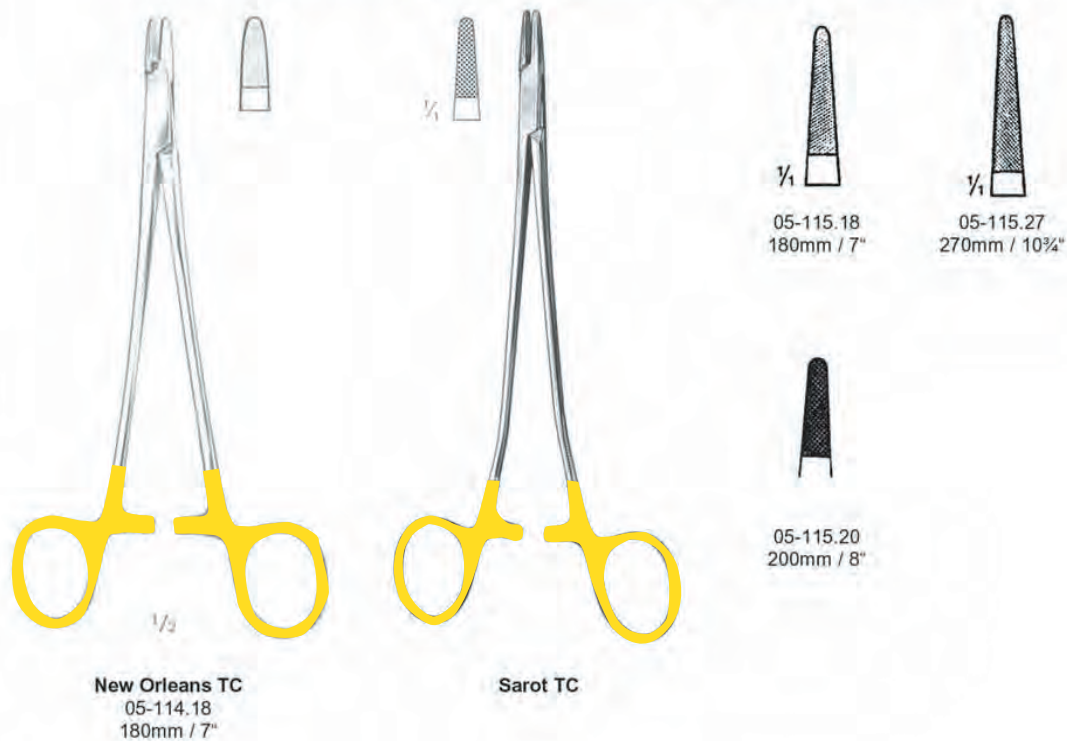


Hufnagel-Ryder TC 1,5mm

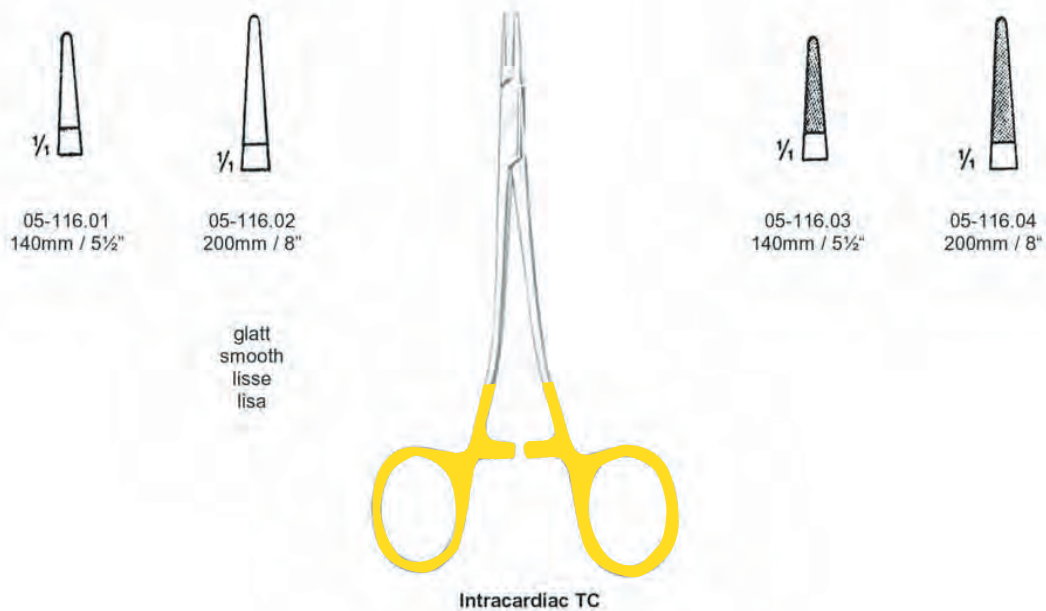

 glatt  
smooth  
lisse  
lisa


Mikro-Ryder TC 1mm



**NADELHALTER**  
**NEEDLE HOLDER**
**Nadelhalter mit Hartmetalleinsätzen**  
**Needle Holders with Tungsten Carbide Inserts**


Besonders feines Modell für  
Gefäßnaht und Herzgefäßchirurgie  
Especially fine pattern  
for vascular and cardiovascular suture



**NADELHALTER  
NEEDLE HOLDER**
**Nadelhalter mit Hartmetalleinsätzen  
Needle Holders with Tungsten Carbide Inserts**

 05-117.13  
130mm / 5"

 05-117.14  
140mm / 5½"

 05-117.16  
160mm / 6¼"

 05-117.18  
180mm / 7"

**Mayo-Hegar TC**

 05-117.20  
200mm / 8"

 05-117.24  
240mm / 9½"

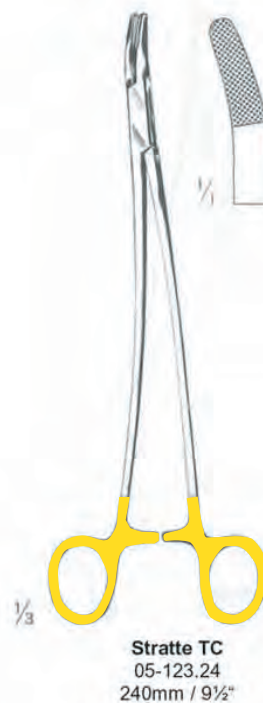
 05-117.27  
270mm / 10¾"

 05-117.30  
300mm / 12"

**Heaney TC**  
 05-118.21 210mm / 8¼"  
 05-118.26 260mm / 10¼"

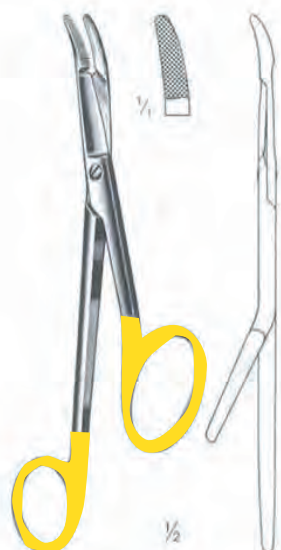
**Masson TC**  
 05-119.27  
 270mm / 10¾"

**Wangensteen TC**  
 05-120.27  
 270mm / 10¾"

**NADELHALTER**  
**NEEDLE HOLDER**
**Nadelhalter mit Hartmetalleinsätzen**  
**Needle Holders with Tungsten Carbide Inserts**


**NADELHALTER  
NEEDLE HOLDER**

**Nadelhalter mit Hartmetalleinsätzen  
Needle Holders with Tungsten Carbide Inserts**



**Gillies TC**  
05-124.16  
160mm / 6½"



**Olsen-Hegar-Mini TC**



05-125.01  
125mm / 5"

glatt  
smooth  
lisse  
lisa



05-125.02  
125mm / 5"



**Olsen-Hegar**



05-125.03  
140mm / 5½"



05-125.04  
170mm / 6¾"



05-125.05  
190mm / 7½"



**NADELHALTER**  
**NEEDLE HOLDER**
**Nadelhalter mit Hartmetalleinsätzen**  
**Needle Holders with Tungsten Carbide Inserts**


**Toennis TC**  
 05-126.18  
 180mm / 7"



**Langenbeck-Ryder TC**  
 05-127.20  
 200mm / 8"



**Langenbeck TC Wiener Modell**



05-128.16  
 160mm / 6 1/4"



05-128.18  
 180mm / 7"



05-128.20  
 200mm / 8"



05-128.23  
 230mm / 9"

**NADELHALTER  
NEEDLE HOLDER****Nadelhalter mit Hartmetalleinsätzen  
Needle Holders with Tungsten Carbide Inserts****Mathieu TC**05-129.14  
140mm / 5½"05-129.17  
170mm / 6¾"05-129.20  
200mm / 8"**Mathieu TC**05-130.14  
140mm / 5½"05-130.17  
170mm / 6½"05-130.20  
200mm / 8"



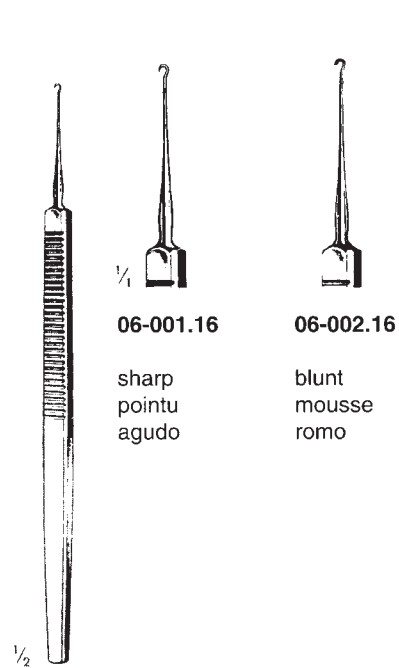


## WUNDHAKEN RETRACTORS

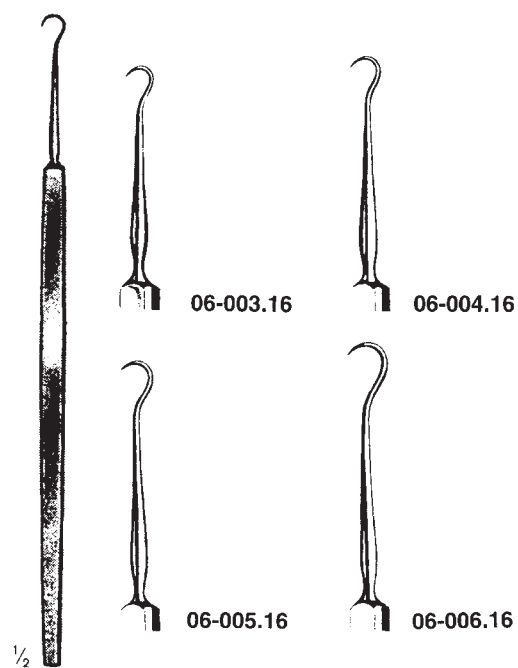




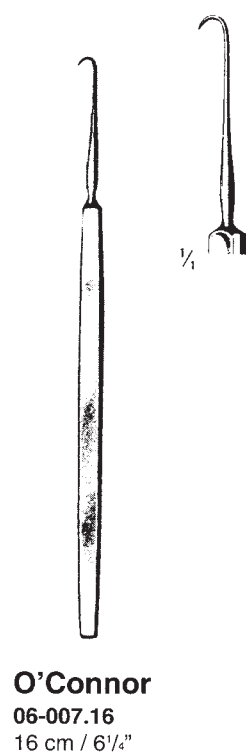
# **WUNDHAKEN RETRACTORS**



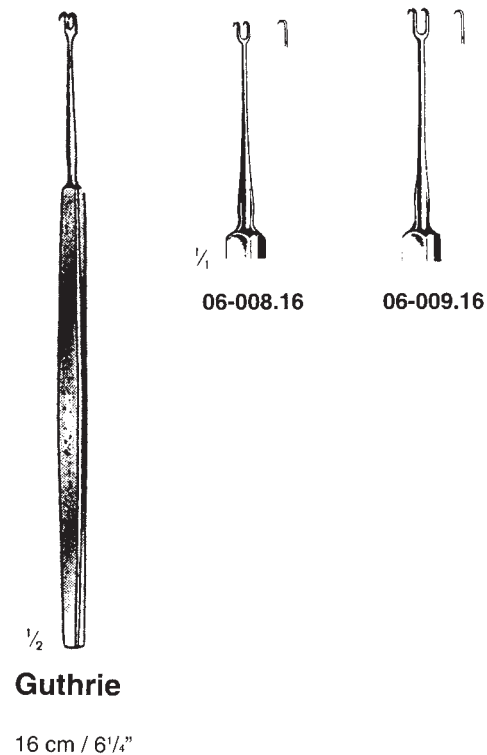
## **Graefe**



16 cm / 6 1/4"

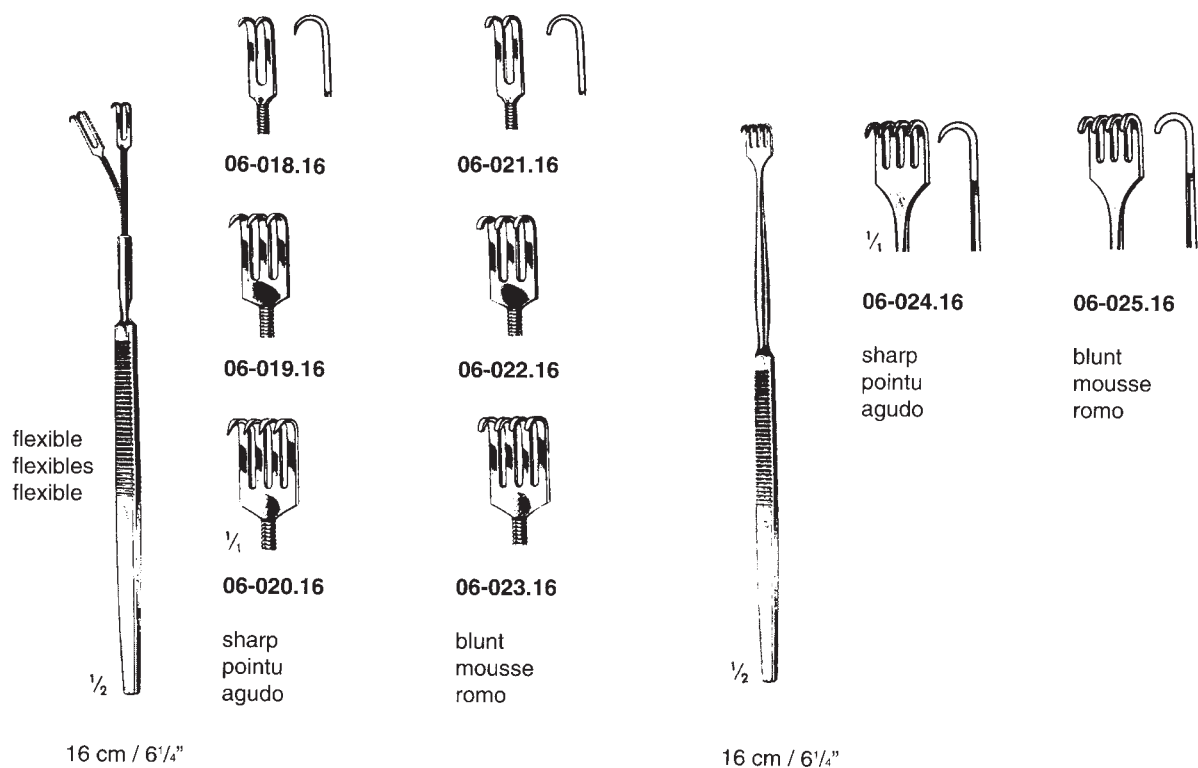
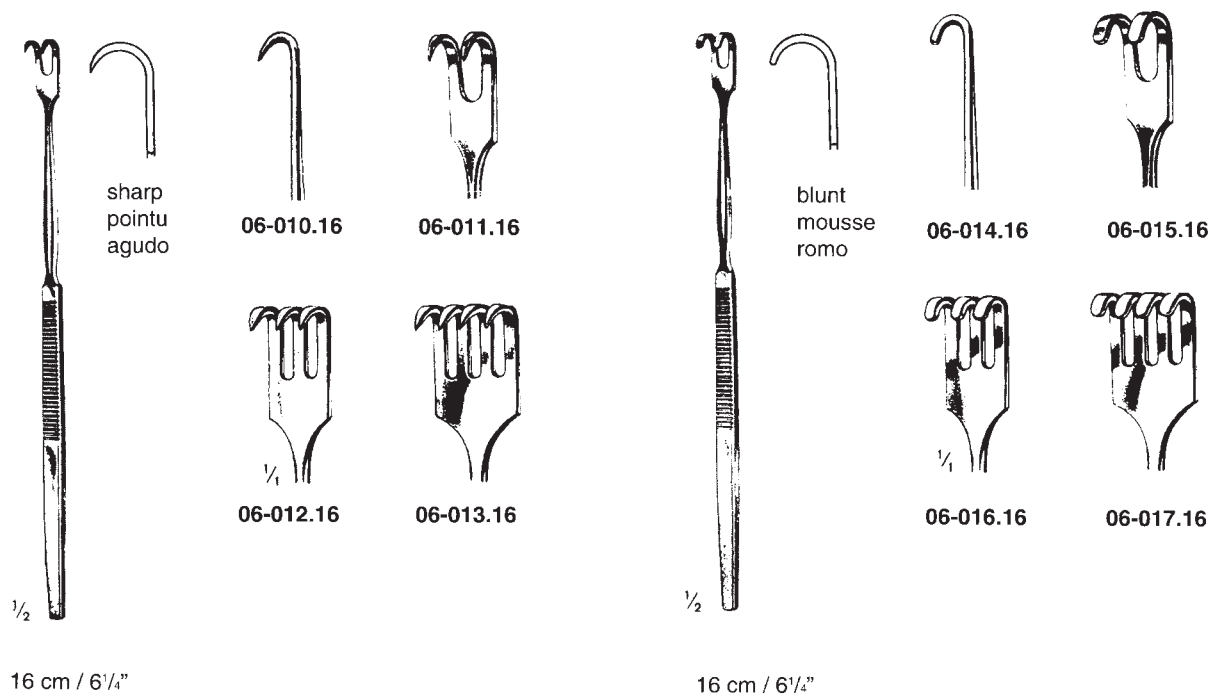


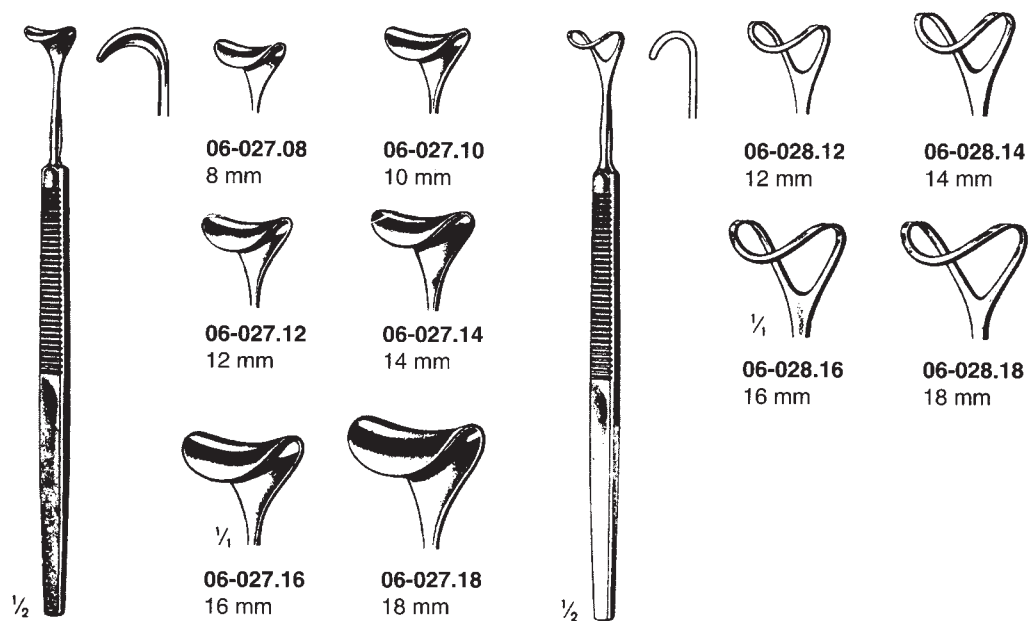
## **O'Connor**



## **Guthrie**

**WUNDHAKEN  
RETRACTORS**

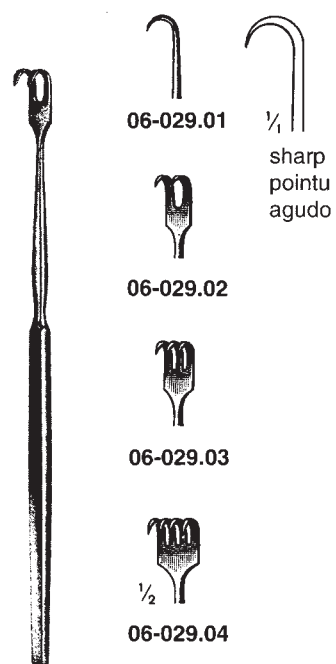


**WUNDHAKEN  
RETRACTORS**

**Desmarres**

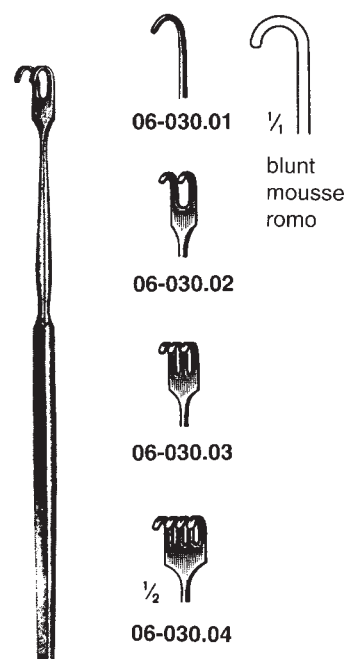
16 cm / 6 1/4"

16 cm / 6 1/4"

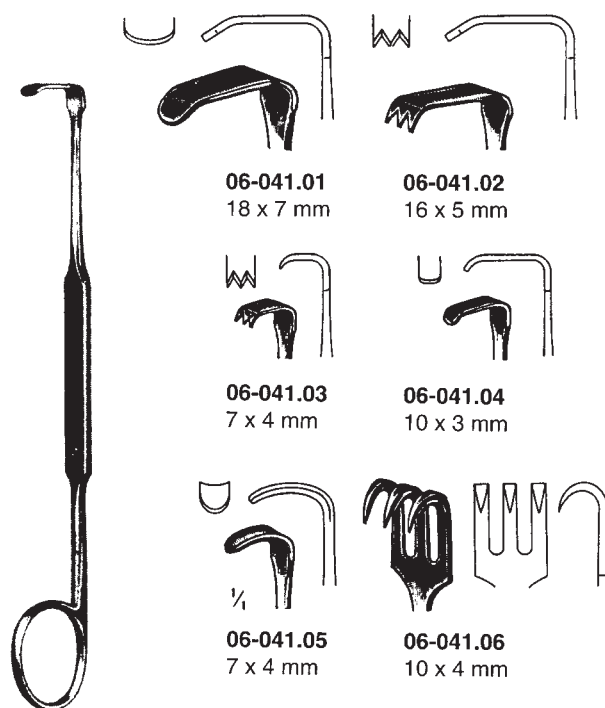
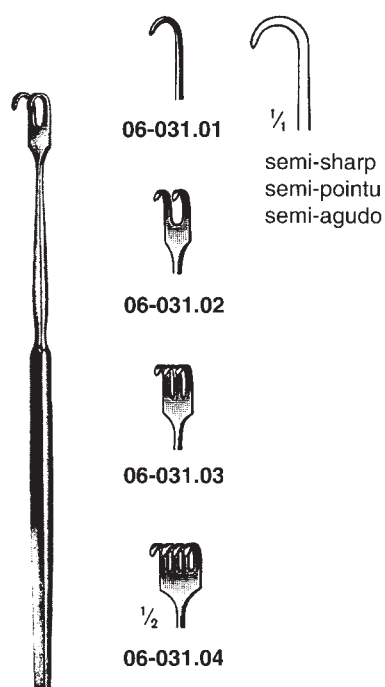
**WUNDHAKEN  
RETRACTORS**



16 cm / 6 1/4"



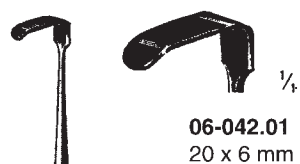
16 cm / 6 1/4"



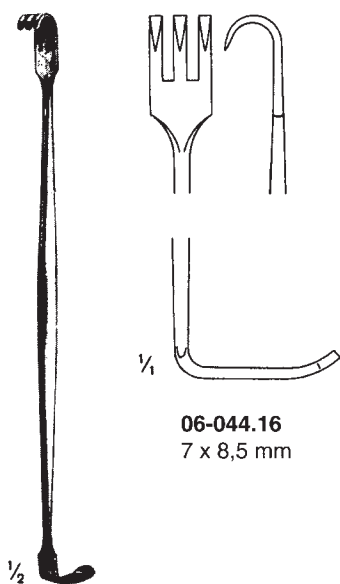
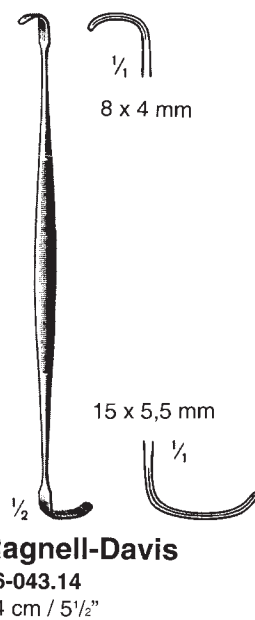
**Meyerding**

18 cm / 7"

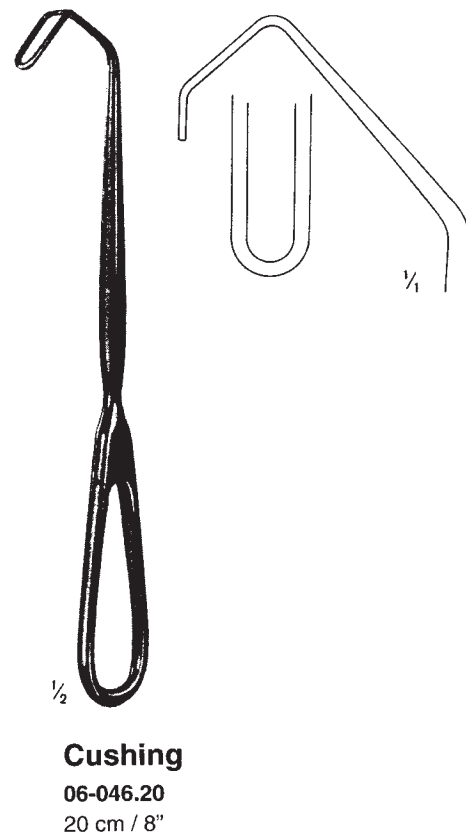
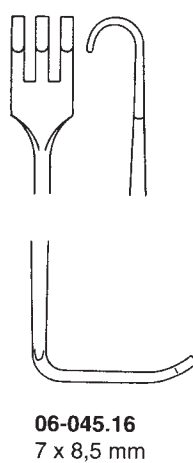
## WUNDHAKEN RETRACTORS



**Senn-Green**  
15 cm / 6"

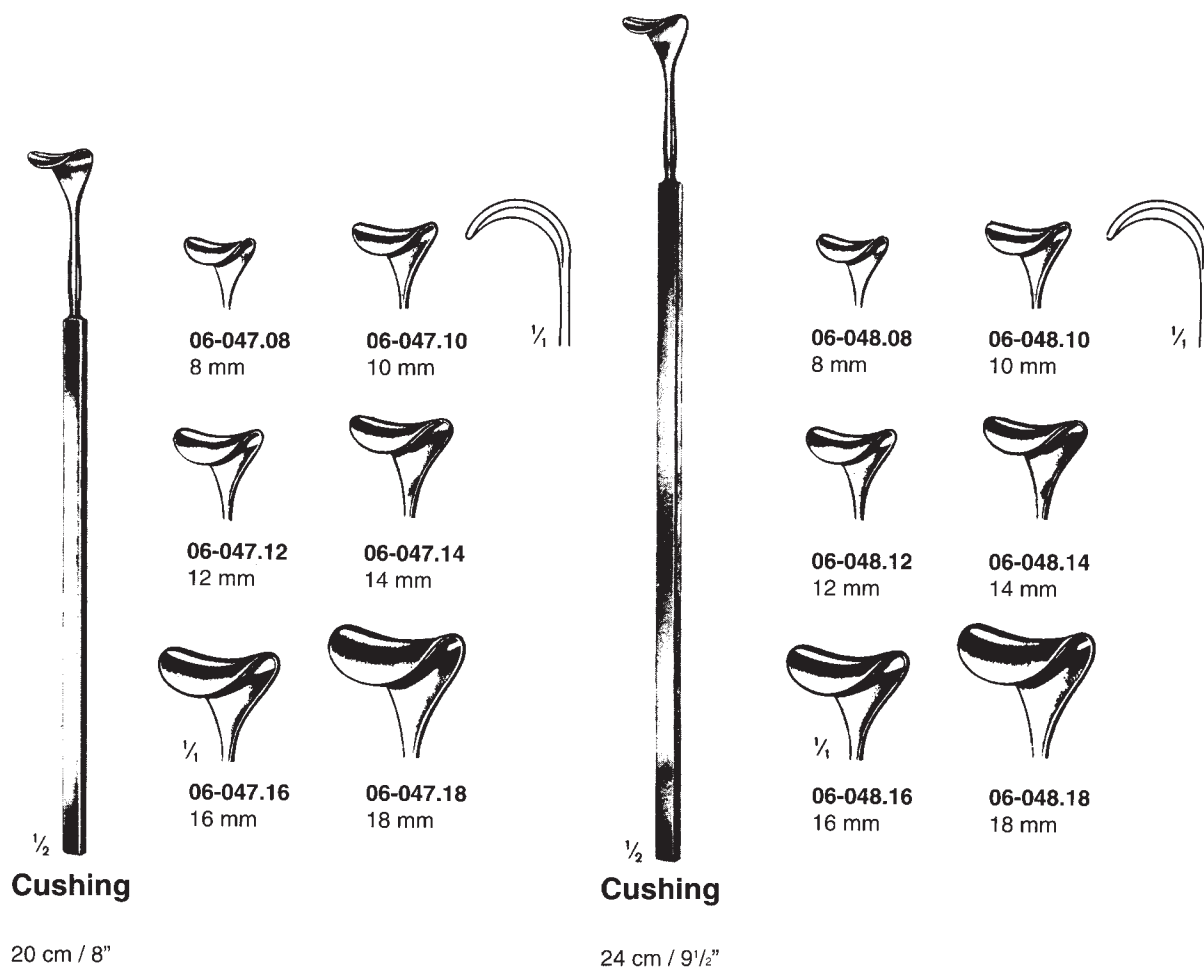


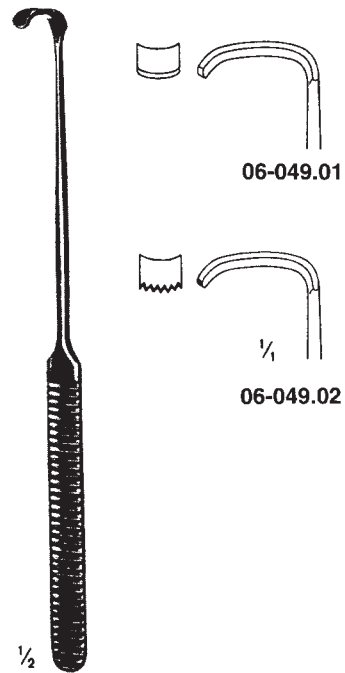
**Senn-Mueller**  
16 cm / 6 1/4"



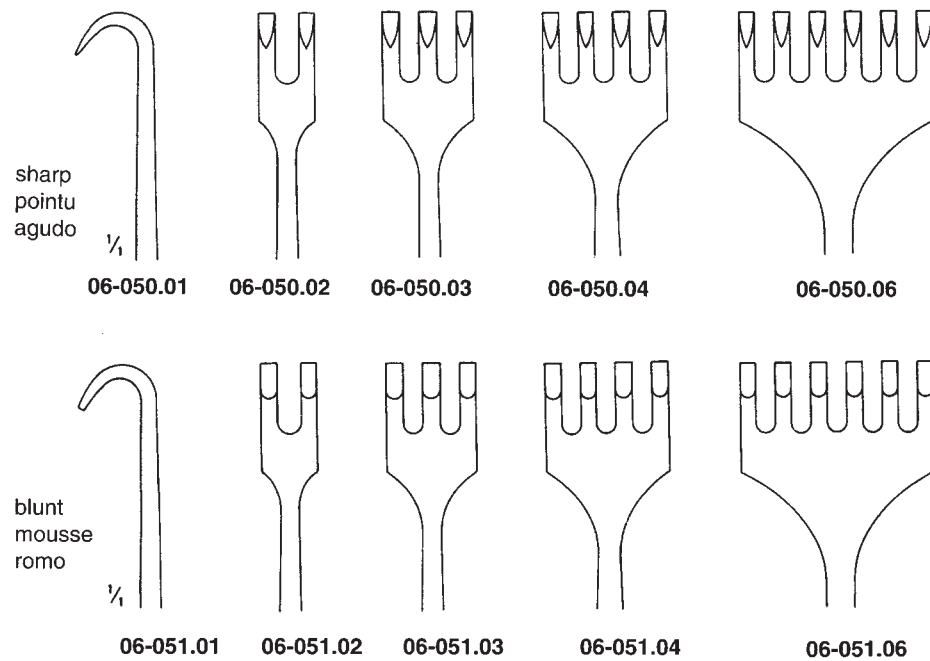


**WUNDHAKEN  
RETRACTORS**

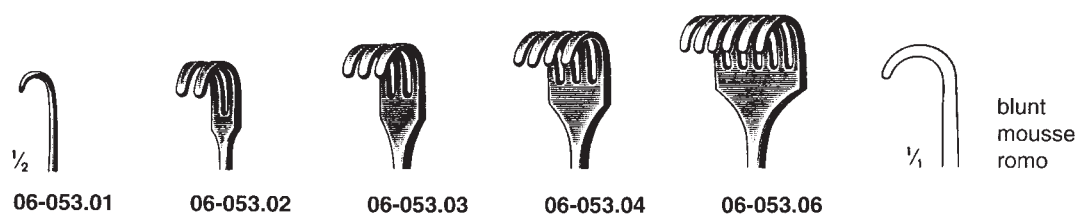
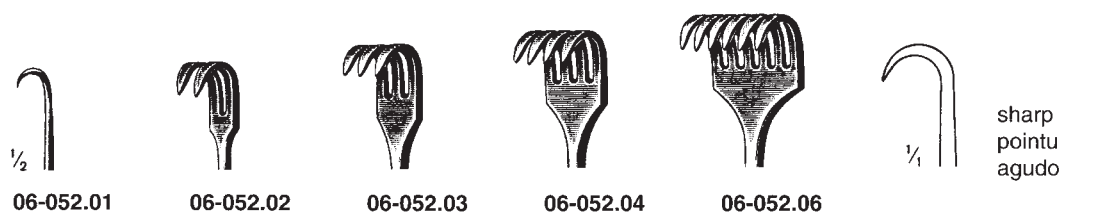


**WUNDHAKEN  
RETRACTORS**

**Strandell-Stille**

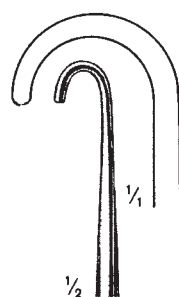
19 cm / 7 1/2"


**Volkmann**

23 cm / 9"

**WUNDHAKEN  
 RETRACTORS**

**Volkman**

21,5 cm / 8 1/2"


**Volkman**

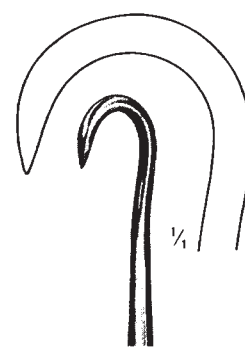
06-055.01

21,5 cm / 8 1/2"


**Volkman**

06-056.01

21,5 cm / 8 1/2"


**06-057-01**

20 cm / 8"

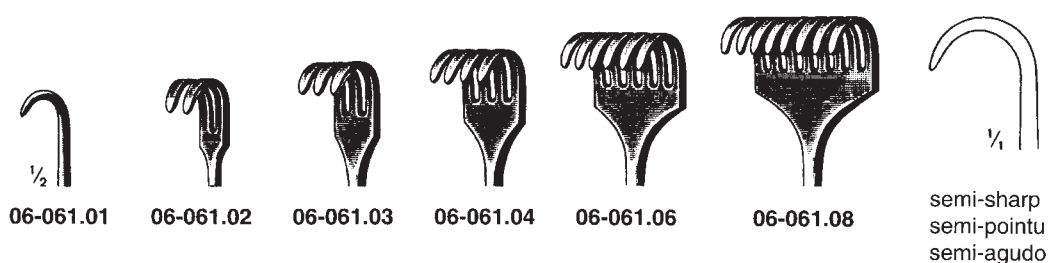
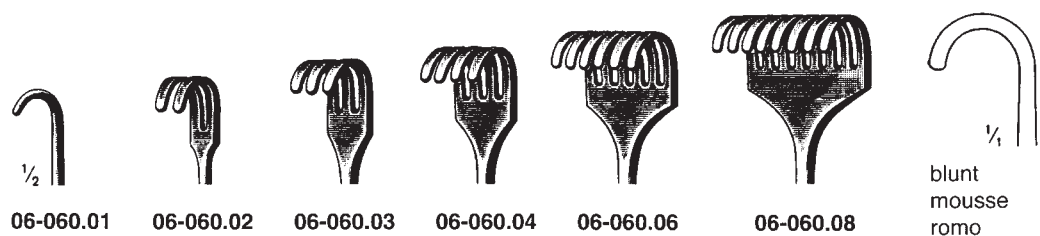
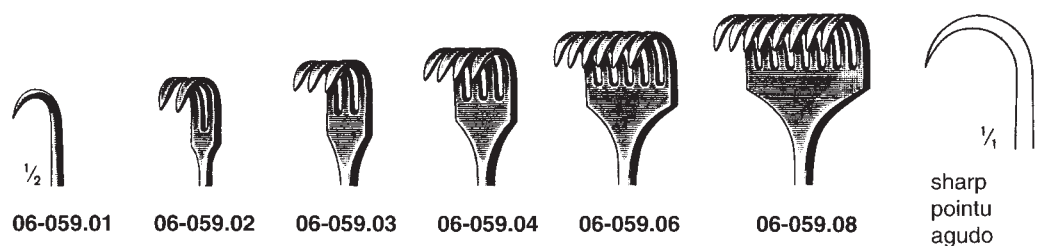
 sharp  
pointu  
agudo

**06-058.01**

20 cm / 8"

 blunt  
mousse  
romo

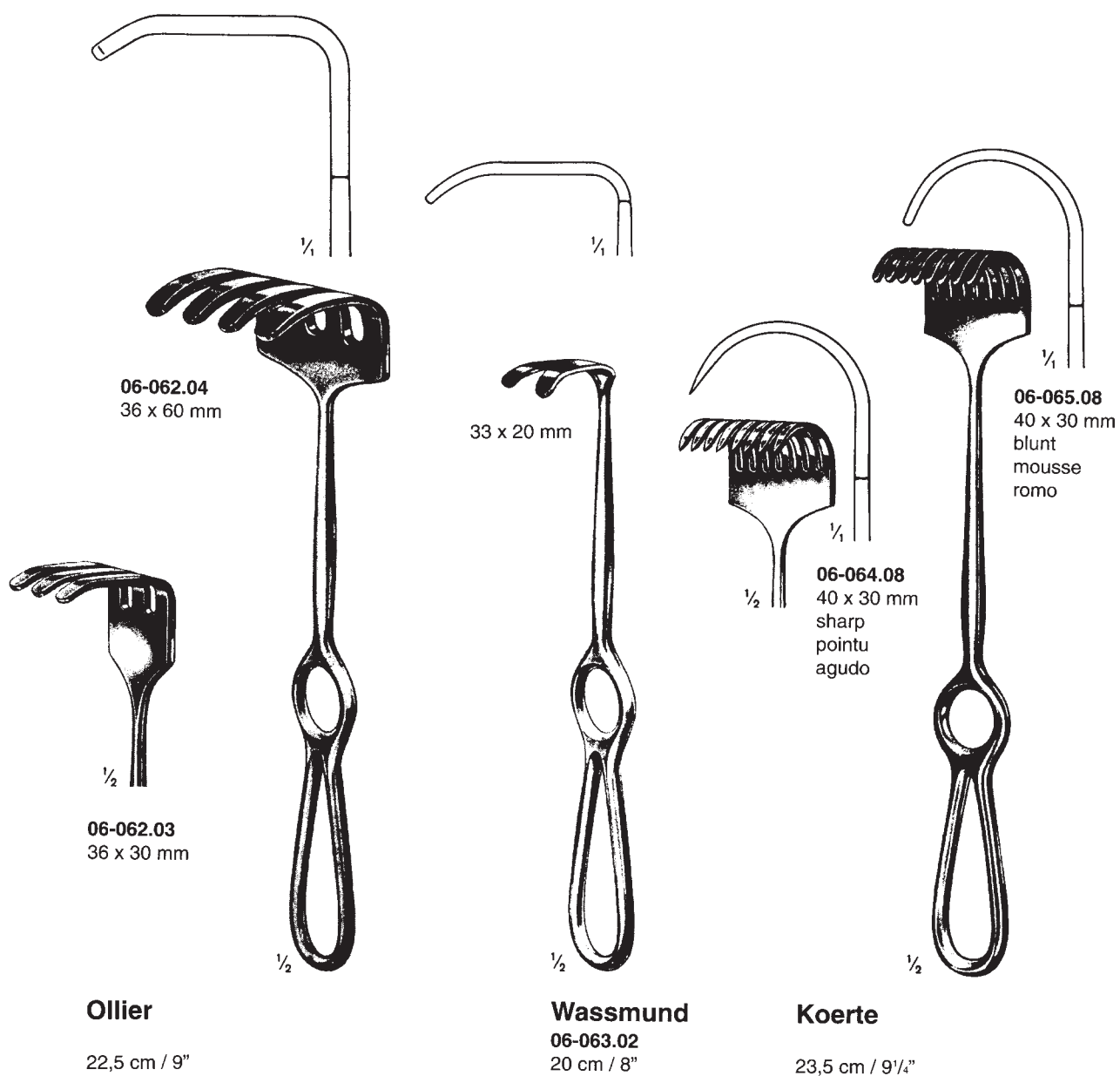
# WUNDHAKEN RETRACTORS



**Kocher**

22 cm / 8<sup>3</sup>/<sub>4</sub>"

**WUNDHAKEN  
RETRACTORS**



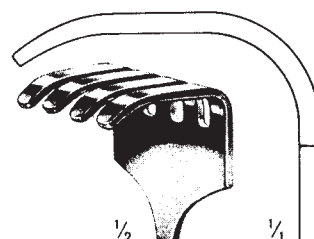


**WUNDHAKEN  
RETRACTORS**

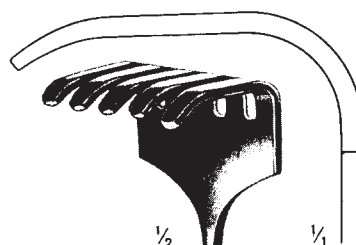


**Israel**

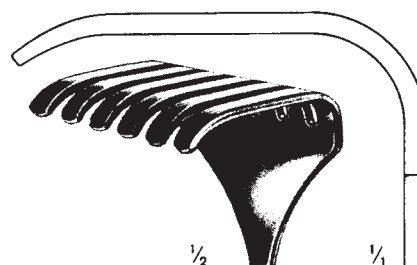
25 cm / 10"



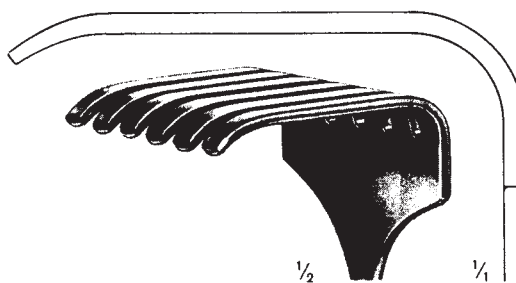
**06-066.04**  
40 x 40 mm



**06-066.05**  
45 x 50 mm



**06-066.06**  
50 x 60 mm



**06-066.07**  
70 x 70 mm

**WUNDHAKEN  
RETRACTORS**



$\frac{1}{2}$

**Langenbeck**

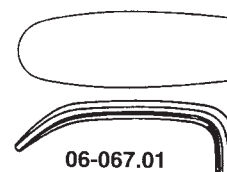
22 cm / 8 $\frac{1}{2}$ "



$\frac{1}{2}$

**Langenbeck**

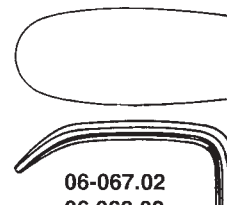
21 cm / 8 $\frac{1}{4}$ "



**06-067.01**

**06-068.01**

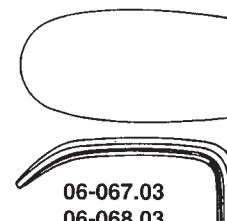
30 x 11 mm



**06-067.02**

**06-068.02**

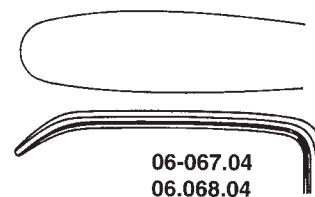
30 x 14 mm



**06-067.03**

**06-068.03**

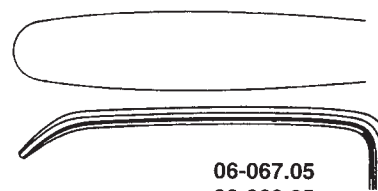
30 x 16 mm



**06-067.04**

**06-068.04**

40 x 11 mm



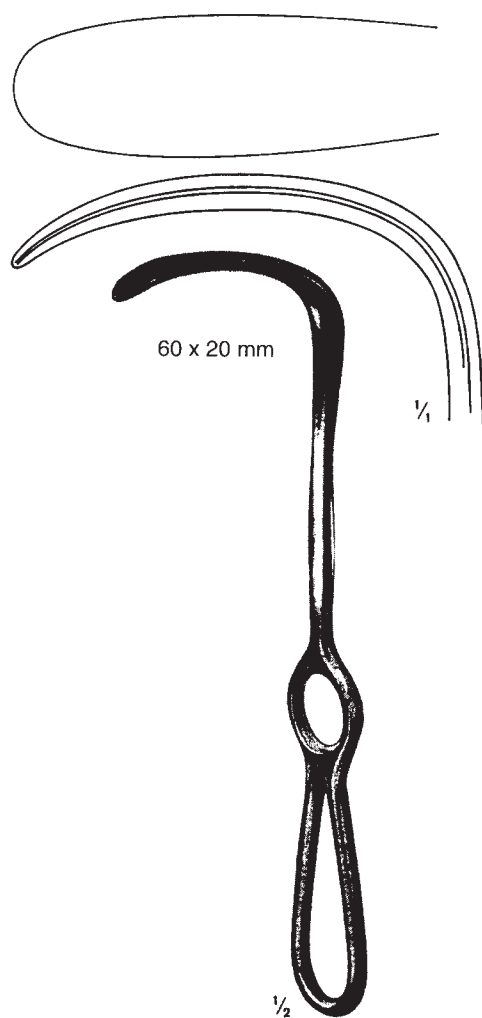
**06-067.05**

**06-068.05**

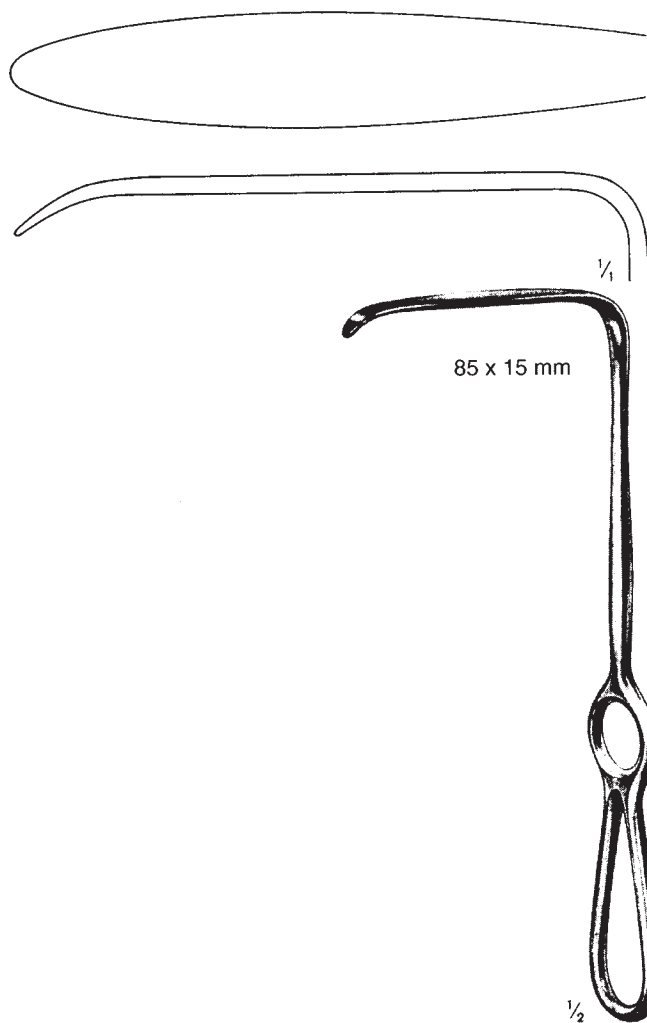
50 x 11 mm

$\frac{1}{4}$

**WUNDHAKEN  
RETRACTORS**



**Langenbeck**  
06-069.21  
21 cm / 8 1/4"



**Langenbeck**  
06-070.21  
21 cm / 8 1/4"

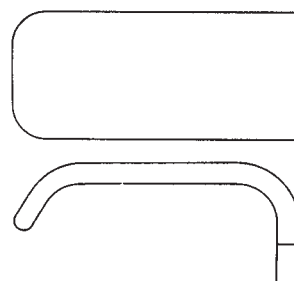
**WUNDHAKEN  
RETRACTORS**



$\frac{1}{2}$

**Kocher**

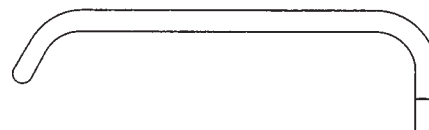
23 cm / 9"



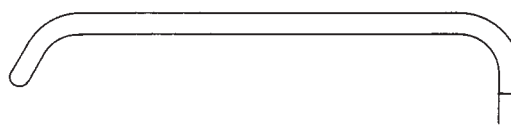
**06-071.18**  
40 x 18 mm



**06-071.20**  
60 x 20 mm



**06-071.25**  
60 x 25 mm



**06-071.30**  
75 x 30 mm



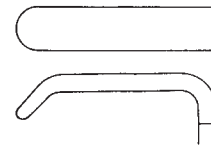
$\frac{1}{4}$

**06-071.40**  
75 x 40 mm

**WUNDHAKEN  
RETRACTORS**

 $\frac{1}{2}$ 
**Kocher-Langenbeck**

21,5 cm / 8½"


**06-072.01**  
 25 x 6 mm

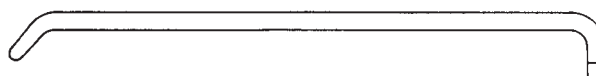
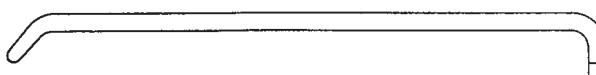
**06-072.02**  
 35 x 8 mm

**06-072.03**  
 35 x 11 mm

**06-072.04**  
 35 x 15 mm

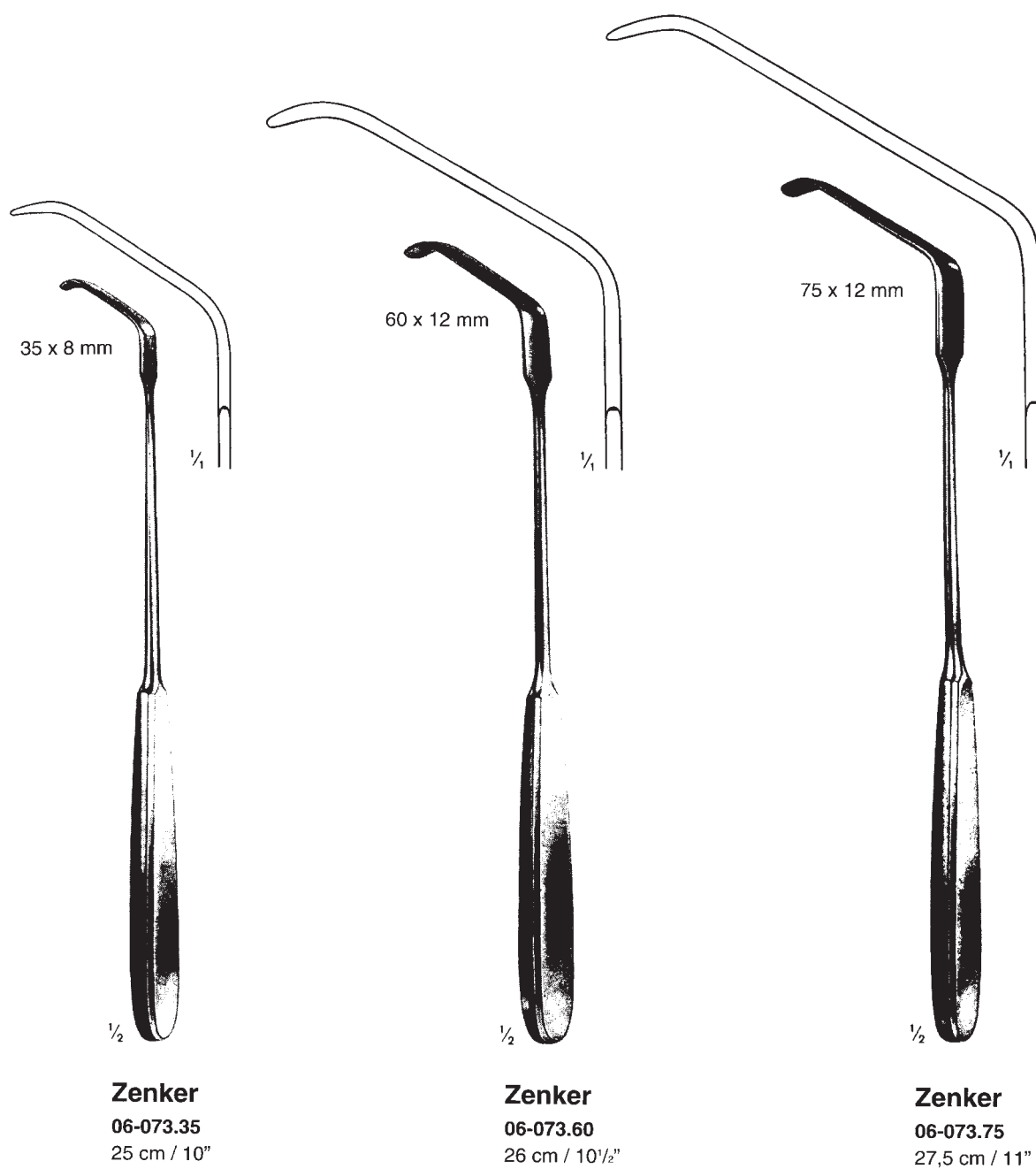
**06-072.05**  
 40 x 11 mm

**06-072.06**  
 55 x 11 mm

**06-072.07**  
 70 x 14 mm

**06-072.08**  
 80 x 12 mm

 $\frac{1}{4}$ 
**06-072.09**  
 80 x 16 mm



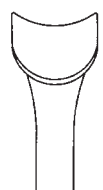
**WUNDHAKEN  
RETRACTORS**

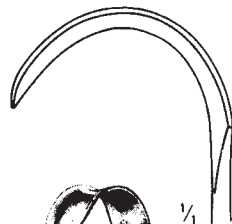


**WUNDHAKEN  
RETRACTORS**

**Kocher**

19 cm / 7 1/2"

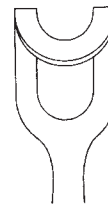
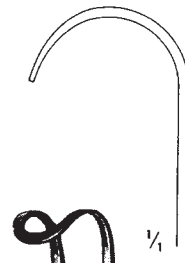
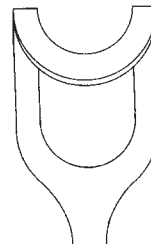
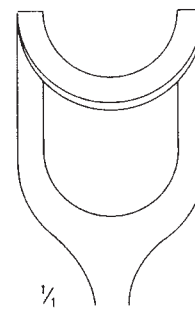

**06-074.01**  
 19 x 12 mm

**06-074.02**  
 21 x 14 mm

**Kocher**

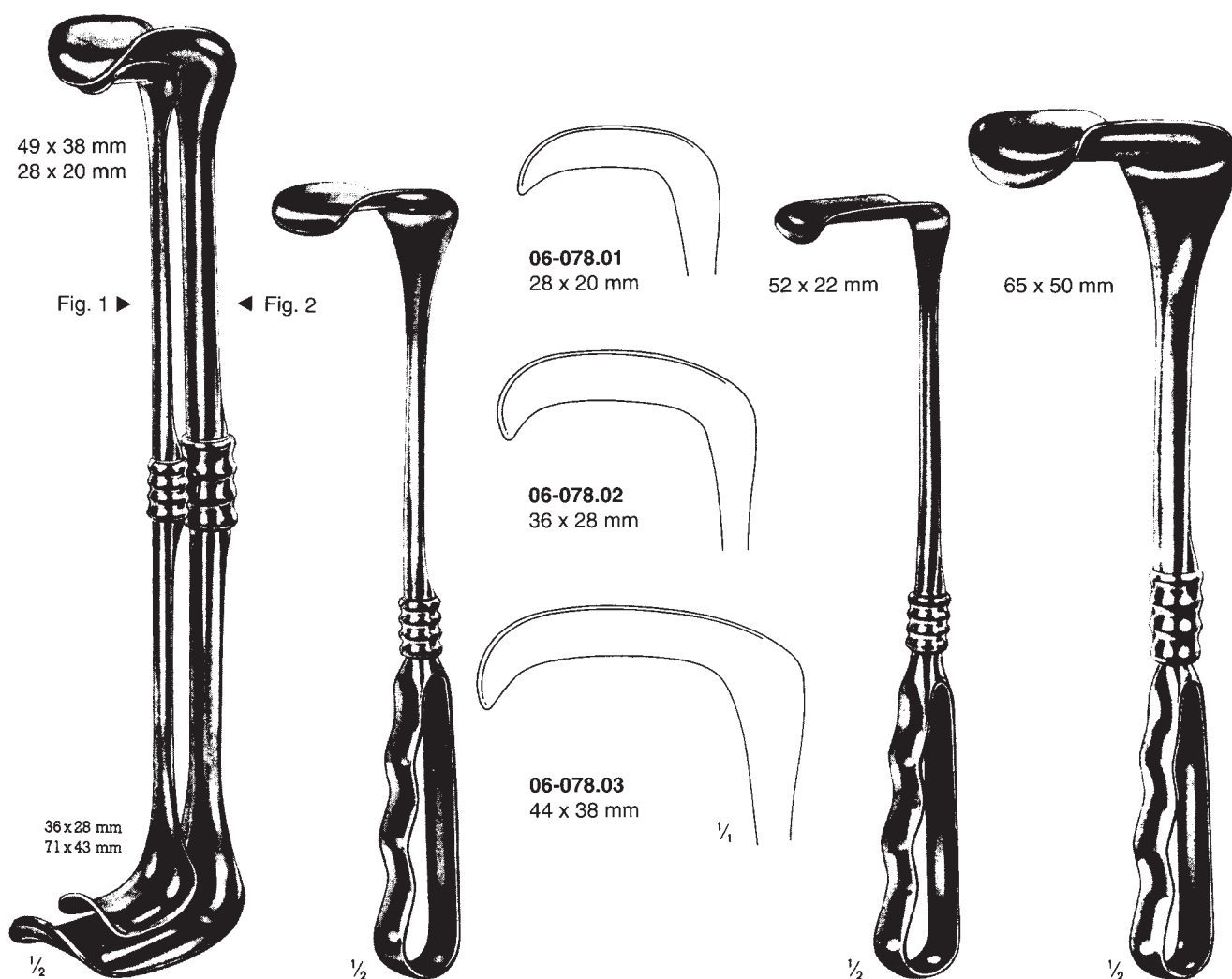
22 cm / 8 3/4"


**06-075.01**  
 40 x 10 mm

**06-075.02**  
 40 x 15 mm

**06-075.03**  
 40 x 20 mm

**06-076.01**  
 14 x 17 mm  
 21,5 cm / 8 1/2"

**06-076.02**  
 20 x 22 mm  
 22 cm / 8 3/4"

**06-076.03**  
 26 x 30 mm  
 23,5 cm / 9 1/2"

**Middeldorpf**

**WUNDHAKEN  
RETRACTORS**

**Richardson-Eastmann**

06-077.00 = Set, jeu, juego

06-077.01 = Fig. 1 = 26 cm / 10 1/4"

06-077.02 = Fig. 2 = 28 cm / 11"

**Richardson**

24 cm / 9 1/2"

**Richardson**

06-079.24

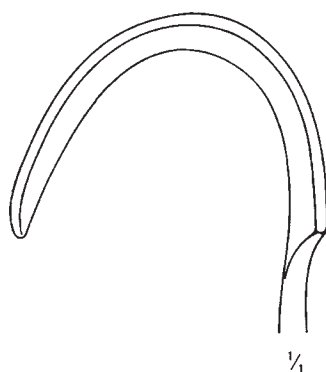
24 cm / 9 1/2"

**Kelly**

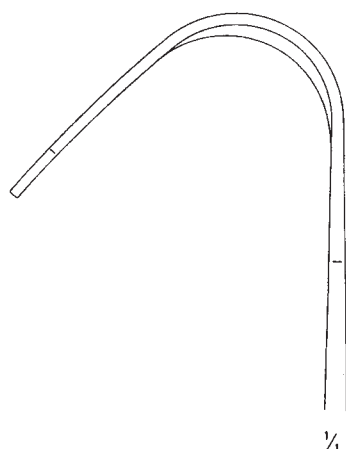
06-080.26

26 cm / 10 1/4"

**WUNDHAKEN  
RETRACTORS**



$\frac{1}{4}$



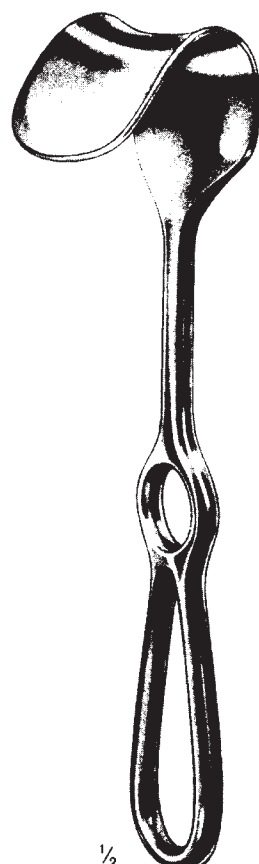
$\frac{1}{4}$

**06-084.01**  
45 x 40 mm



35 x 40 mm

**Fritsch**  
**06-083.24**  
24 cm / 9 $\frac{1}{2}$ "



$\frac{1}{2}$

**Fritsch**  
24 cm / 9 $\frac{1}{2}$ "

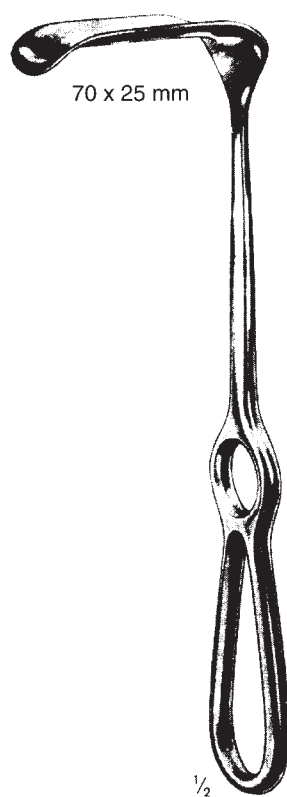
**06-084.02**  
45 x 50 mm

**06-084.03**  
45 x 60 mm

**06-084.04**  
55 x 75 mm

$\frac{1}{4}$

**WUNDHAKEN  
RETRACTORS**

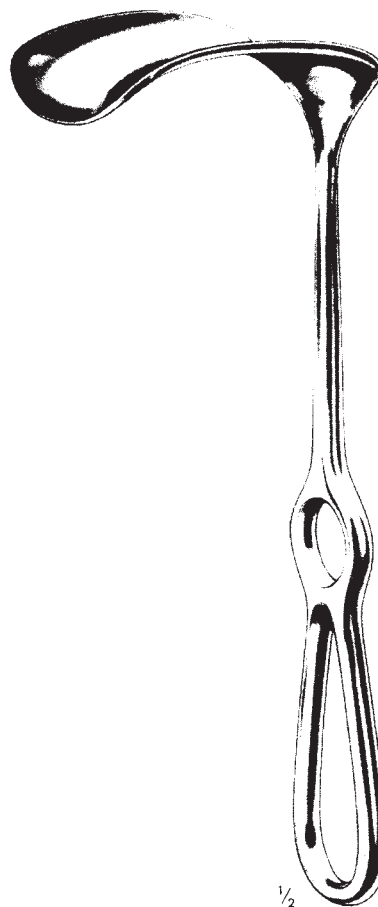


$\frac{1}{2}$

**Kocher**

**06-085.22**

22,5 cm / 9"



$\frac{1}{2}$

**Kocher**

25 cm / 10"

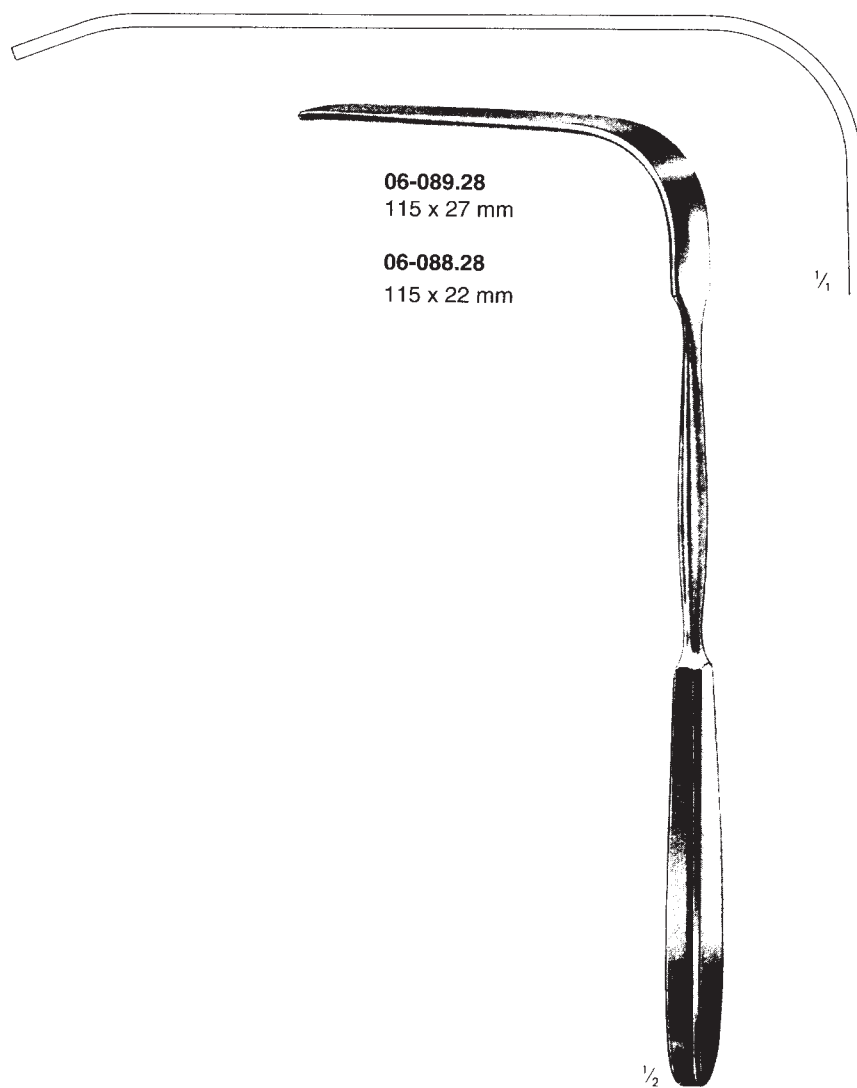
**06-086.01** = 80 x 45 mm

**06-086.02** = 80 x 55 mm

**06-086.03** = 80 x 65 mm



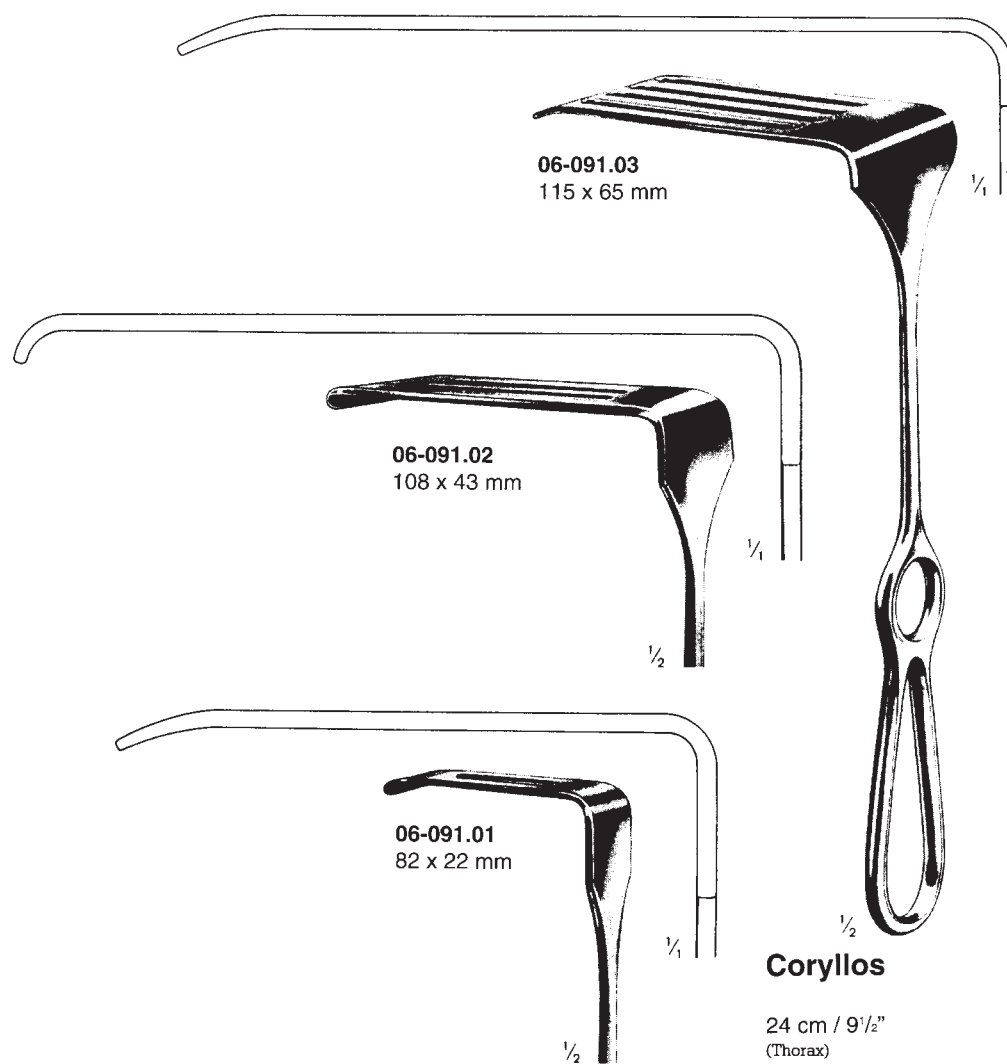
**WUNDHAKEN  
RETRACTORS**



**Simon**

28 cm / 11"

**WUNDHAKEN  
RETRACTORS**



**WUNDHAKEN  
RETRACTORS**

**06-092.01**  
75 x 50 mm

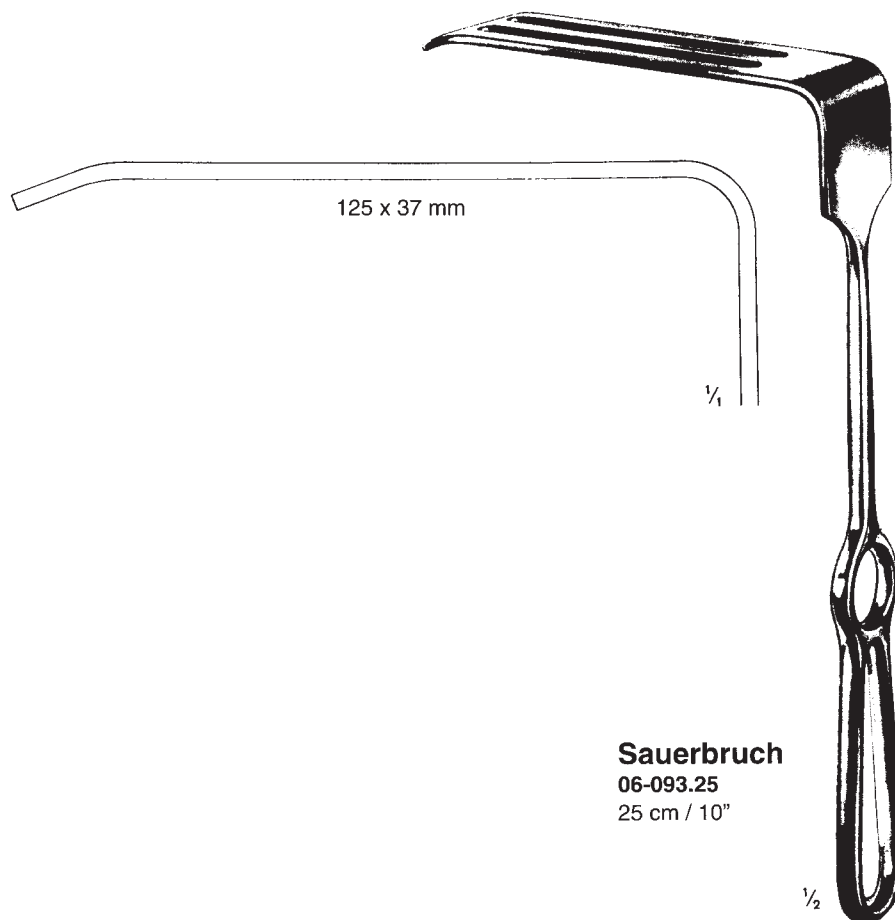


**06-092.02**  
75 x 90 mm



**Davidson**

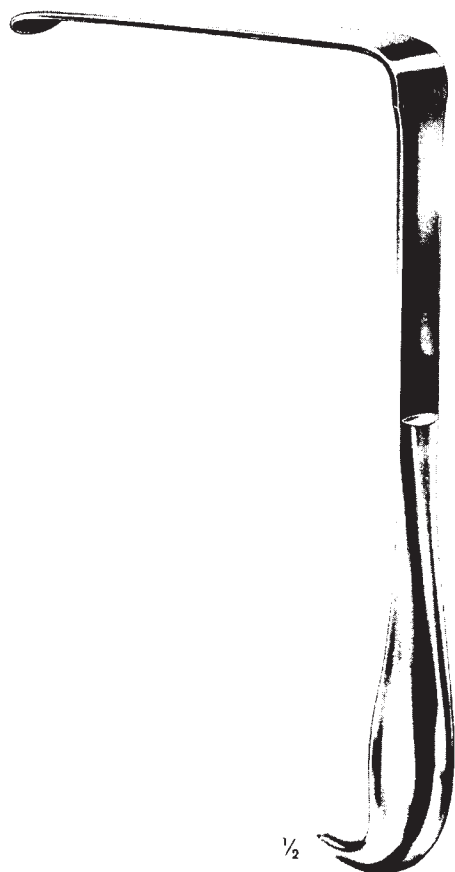
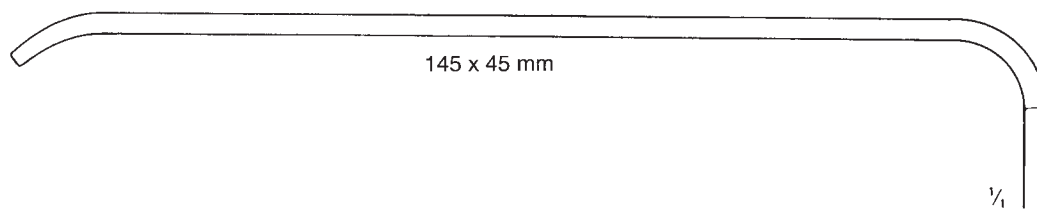
16 cm / 6 1/4"  
(Scapula)



**Sauerbruch**  
**06-093.25**  
25 cm / 10"

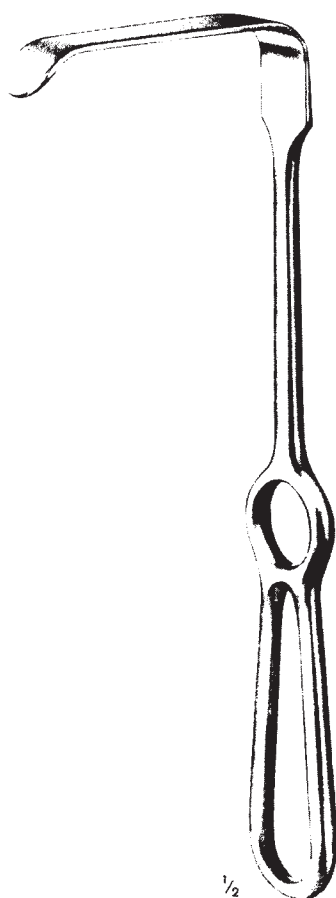
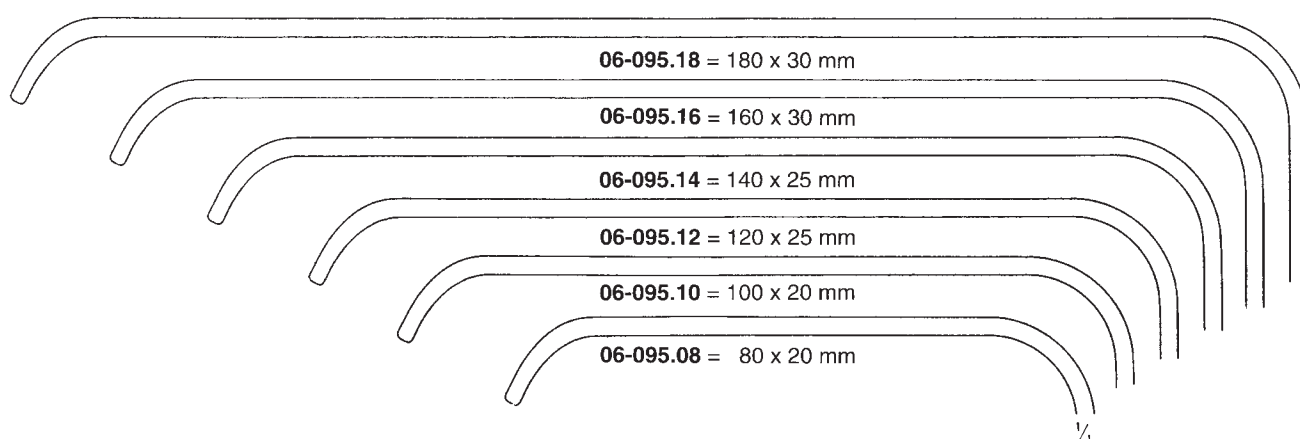
1/2

**WUNDHAKEN  
RETRACTORS**



**Brunner**  
**06-094.24**  
24 cm / 9 $\frac{1}{2}$ "

**WUNDHAKEN  
RETRACTORS**

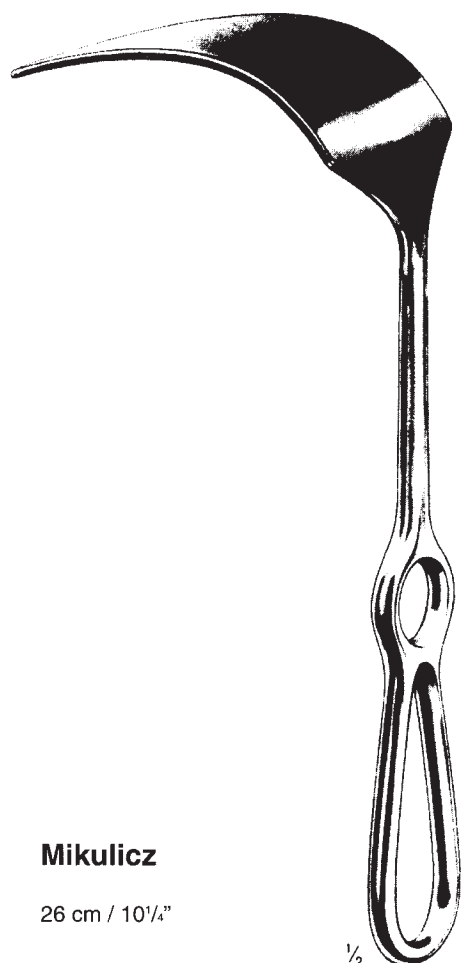
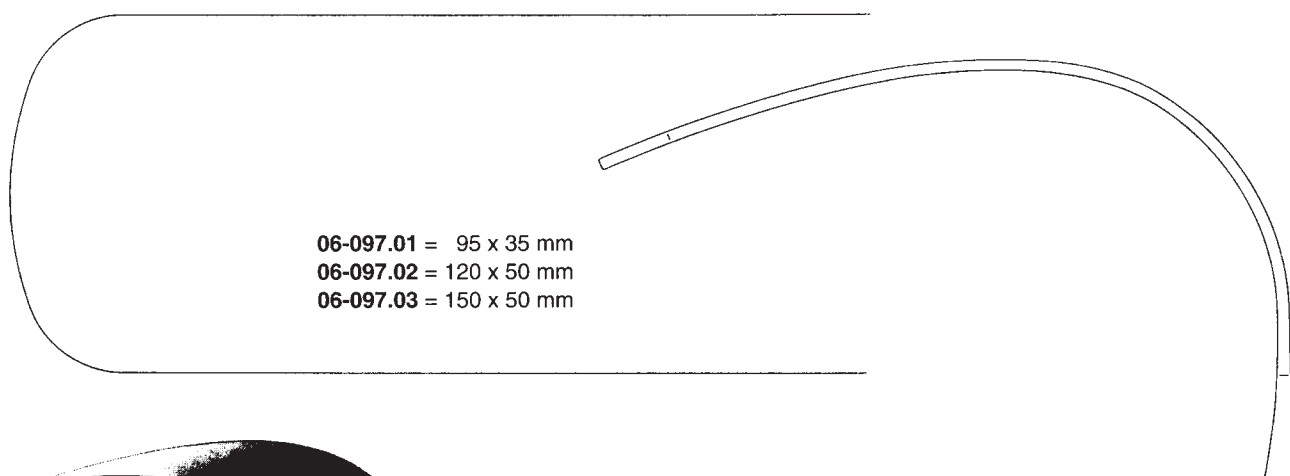


**Brunner**

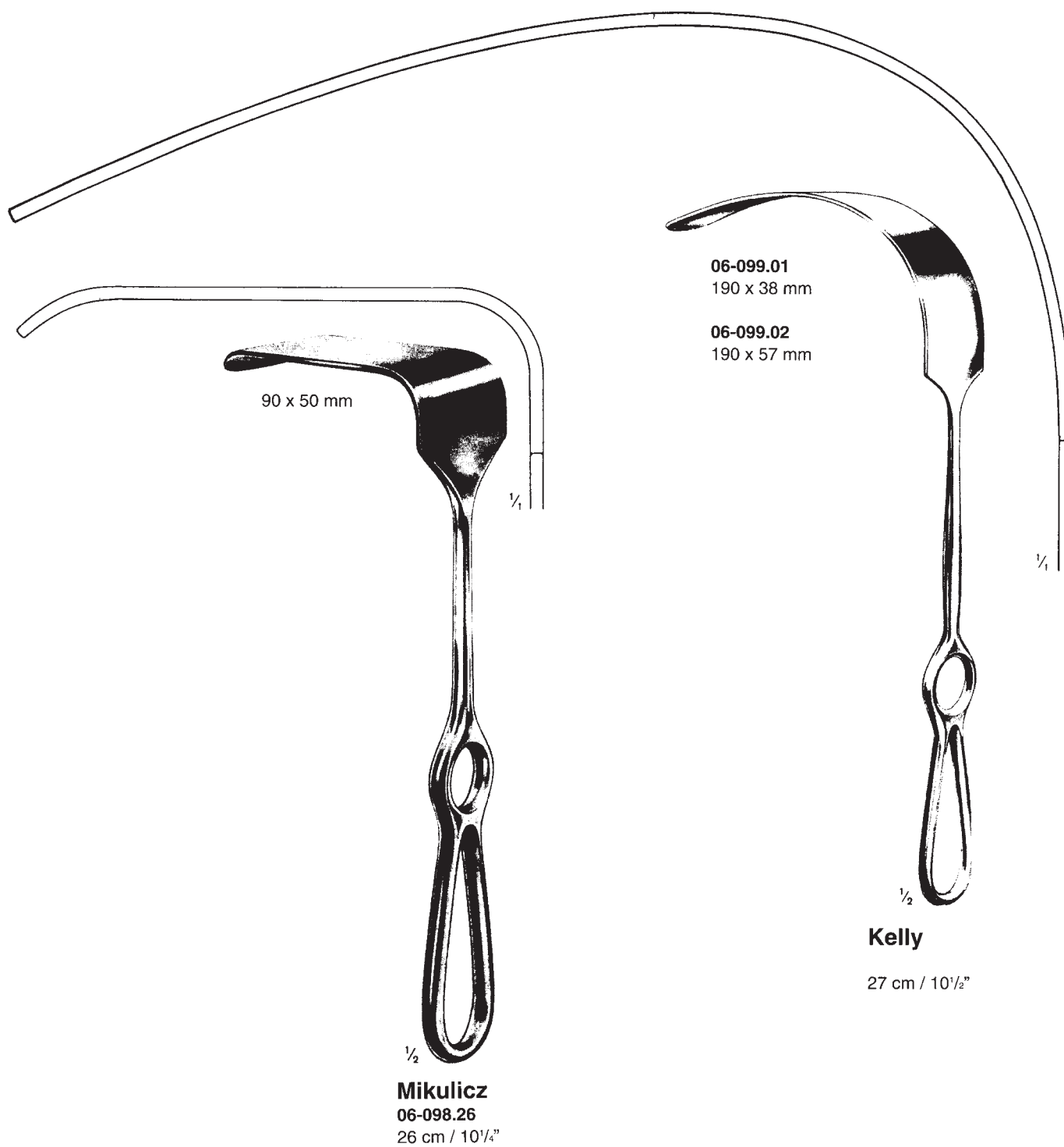
25 cm / 10"



**WUNDHAKEN  
RETRACTORS**



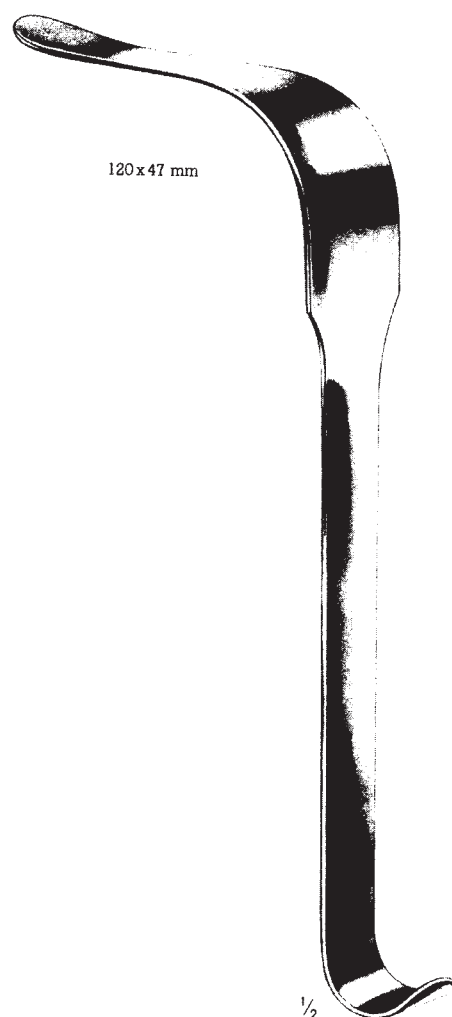
**WUNDHAKEN  
RETRACTORS**



**WUNDHAKEN  
RETRACTORS**



**WUNDHAKEN  
RETRACTORS**



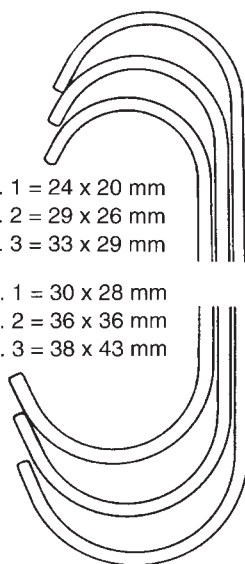
**Koerte**  
**06-101.28**  
28 cm / 11"  
solid, solide, sólido

**WUNDHAKEN  
RETRACTORS**



Fig. 1 = 24 x 20 mm  
Fig. 2 = 29 x 26 mm  
Fig. 3 = 33 x 29 mm

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



**Roux**

06-102.00 = set, jeu, juego Fig. 1-3

06-102.01 = Fig. 1 = 14 cm / 5 1/2"

06-102.02 = Fig. 2 = 15 cm / 6"

06-102.03 = Fig. 3 = 17 cm / 6 3/4"

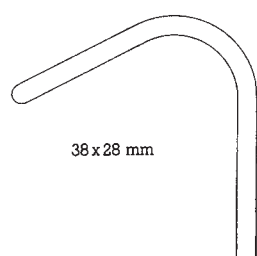
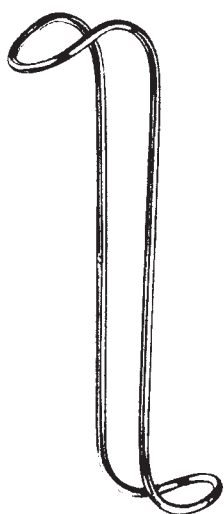
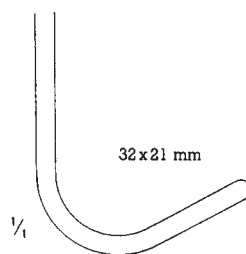


Fig. 1



1/1

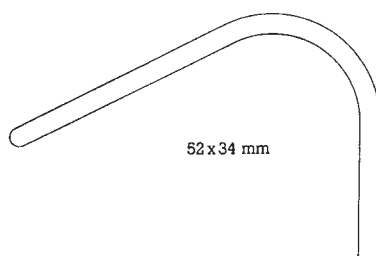
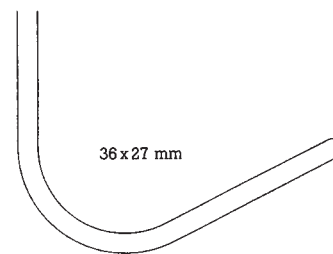


Fig. 2

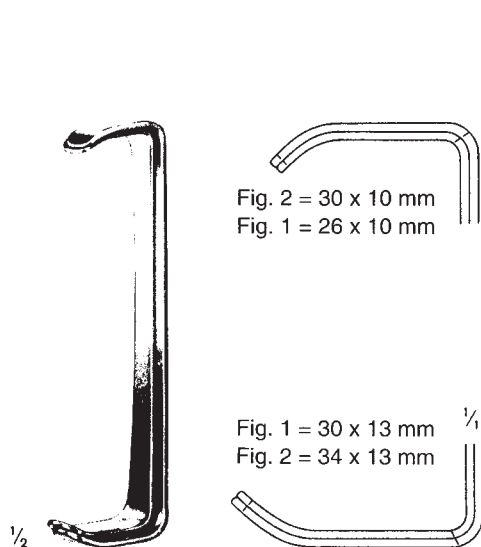


**Collin-Hartmann**

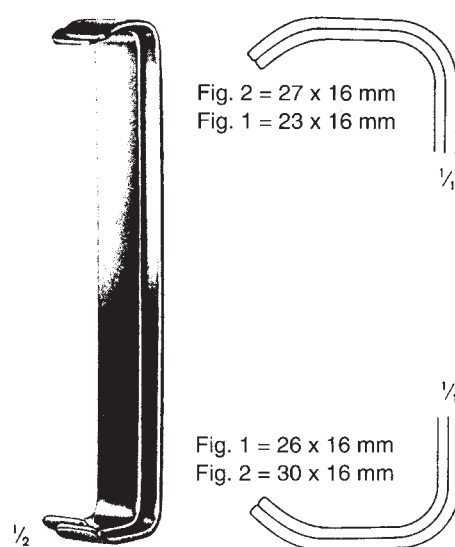
06-103.01 = 14 cm / 5 1/2" Fig. 1

06-103.02 = 16 cm / 6 1/4" Fig. 2

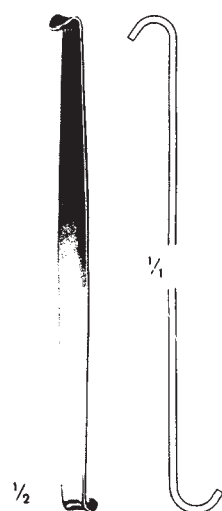


**WUNDHAKEN  
RETRACTORS**

**Farabeuf**

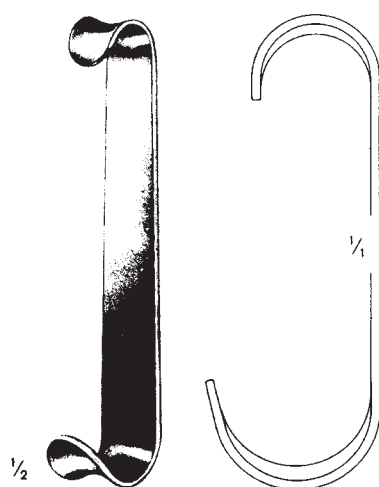
06-104.00 = set, jeu, juego  
12 cm / 4<sup>3</sup>/<sub>4</sub>"


**Farabeuf**

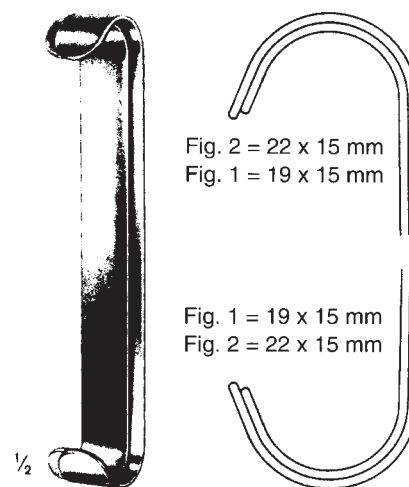
06-105.00 = set, jeu, juego  
15 cm / 5"


**Mini-Roux**

06-106.06  
14 cm / 5<sup>1</sup>/<sub>2</sub>"

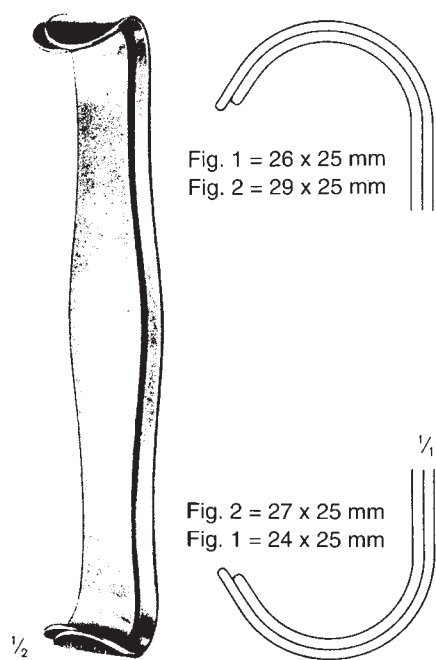

**Baby-Roux**

06-107.13  
13 cm / 5<sup>1</sup>/<sub>4</sub>"


**Parker**

06-108.01 = set, jeu, juego  
13,5 cm / 5<sup>1</sup>/<sub>4</sub>"

**WUNDHAKEN  
RETRACTORS**



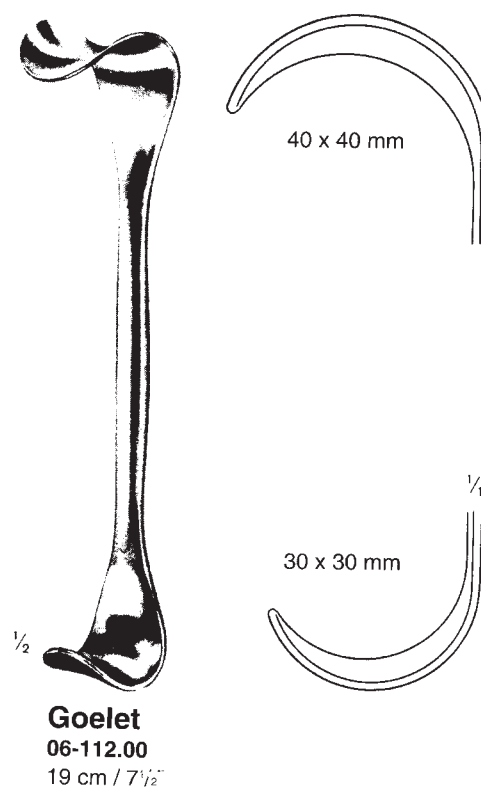
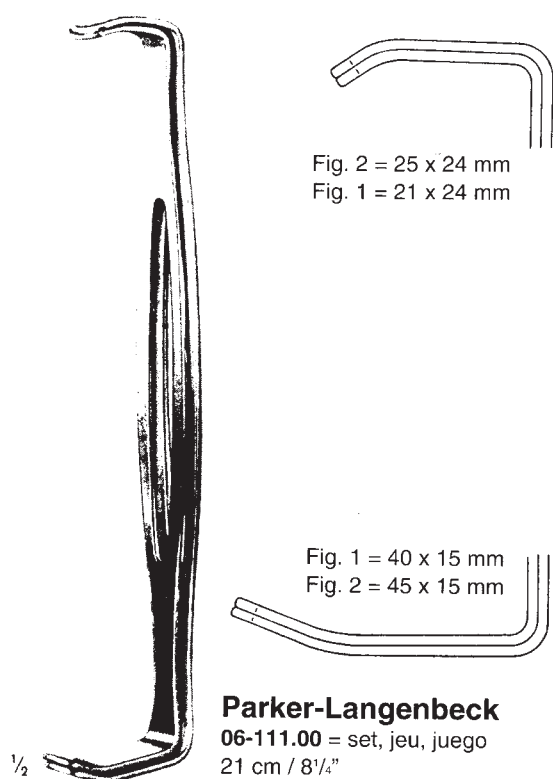
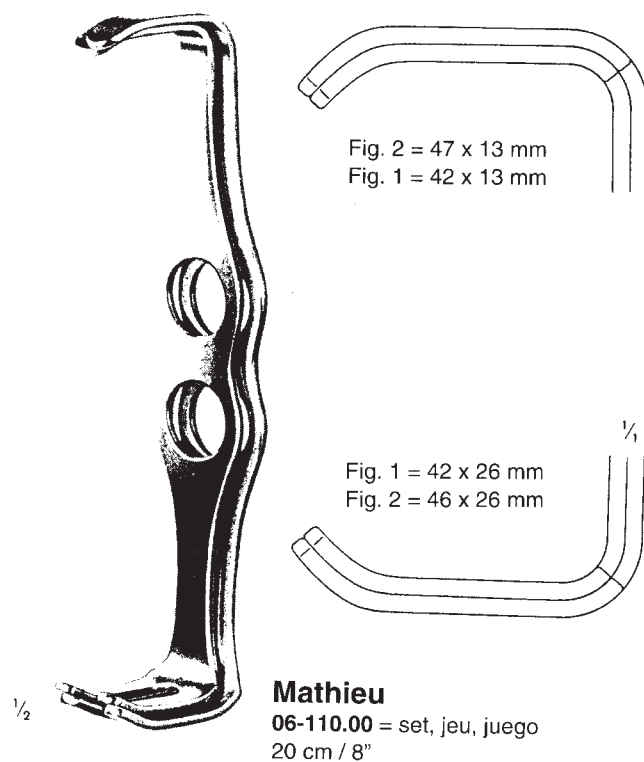
**Parker**

06-108.02 = set, jeu, juego  
18 cm / 7"

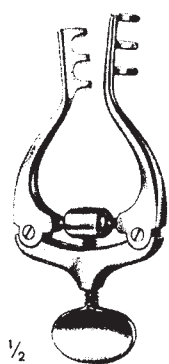


**Parker-Mott**

06-109.00 = set, jeu, juego  
16 cm / 6 1/4"

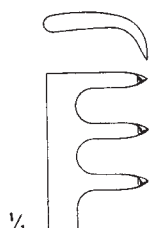
**WUNDHAKEN  
RETRACTORS**


**WUNDHAKEN  
RETRACTORS**

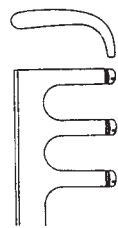


**Jansen**  
10,5 cm / 4 1/8"

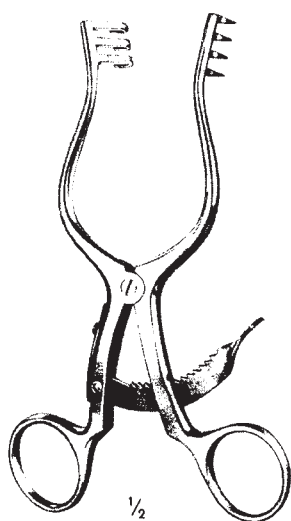
3 x 3 teeth, dents, dentes



**06-123.10**  
sharp, pointu,  
agudo

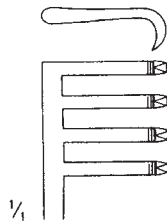


**06-124.10**  
blunt, mousse,  
romo

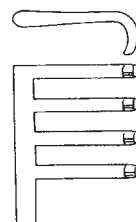


**Scalp Contour**  
14 cm / 5"

3 x 4 teeth, dents, dentes

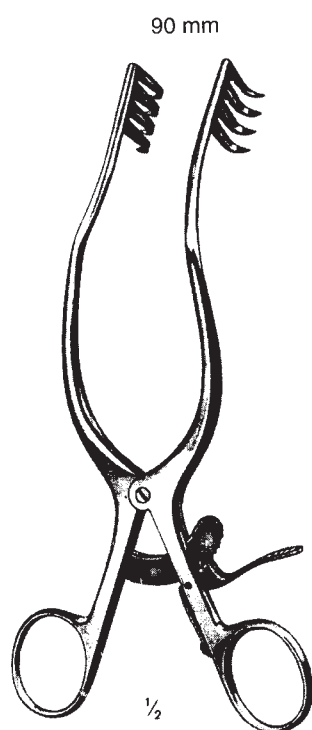


**06-125.14**  
sharp, pointu,  
agudo



**06-126.14**  
blunt, mousse,  
romo

## WUNDHAKEN RETRACTORS

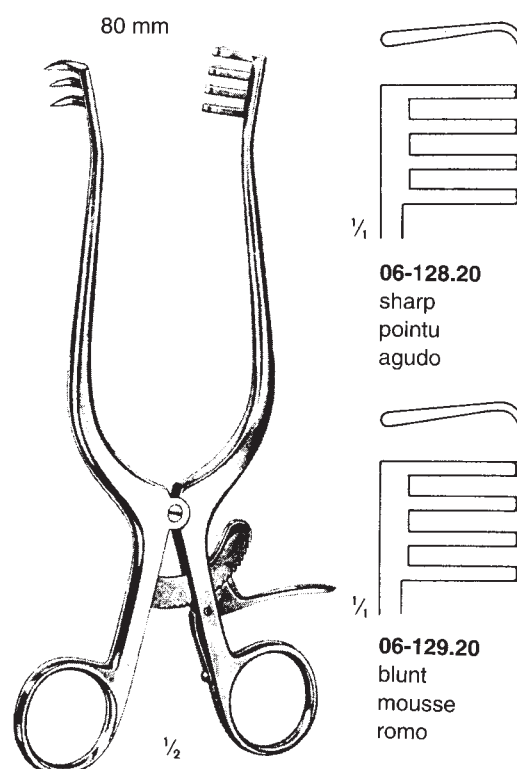


### Anderson-Adson

06-127.20

19,5 cm / 8"

4 x 4 teeth, dents, dentes

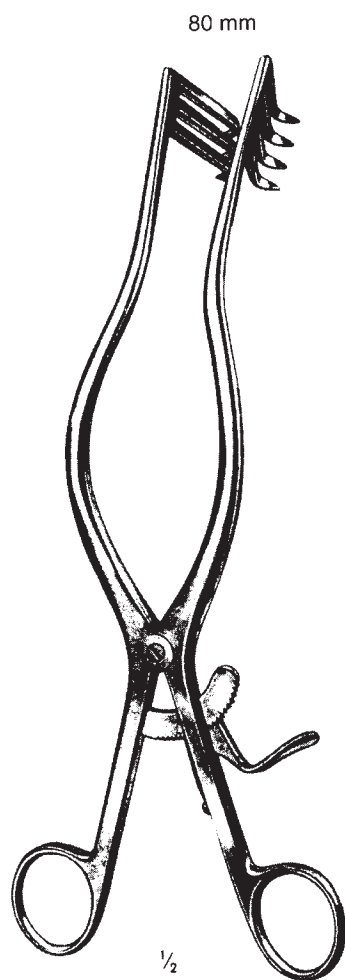


### Weitlaner

20 cm / 8"

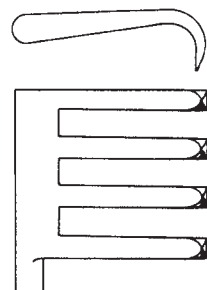


**WUNDHAKEN  
RETRACTORS**



**Adson**

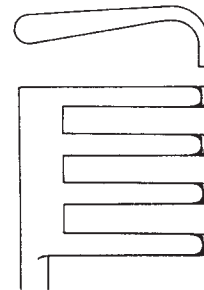
26,5 cm / 10 1/2"



**06-130.26**

sharp  
pointu  
agudo

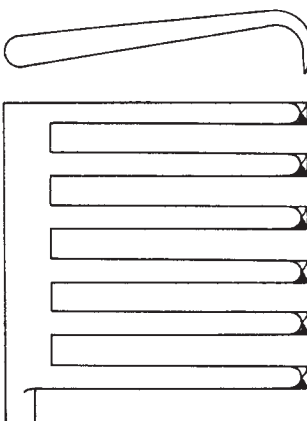
3 x 4 teeth, dents, dentes



**06-131.26**

blunt  
mousse  
romo

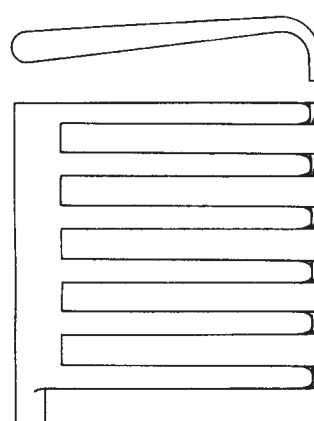
3 x 4 teeth, dents, dentes



**06-132.26**

sharp  
pointu  
agudo

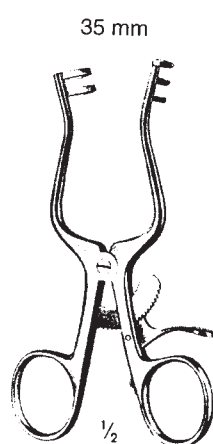
5 x 6 teeth, dents, dentes



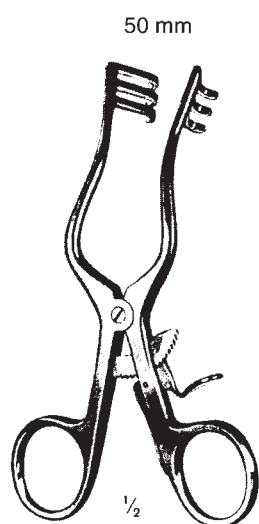
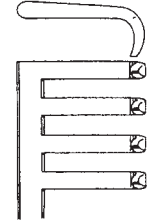
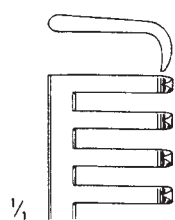
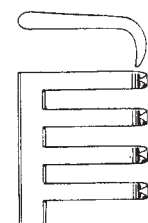
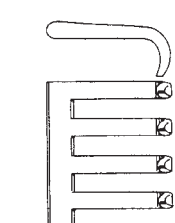
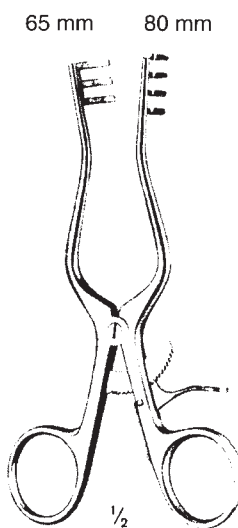
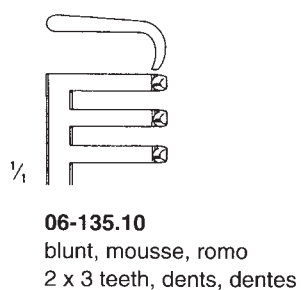
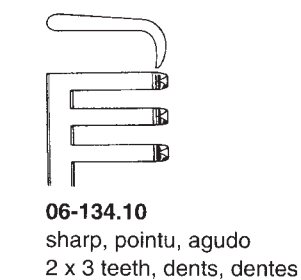
**06-133.26**

blunt  
mousse  
romo

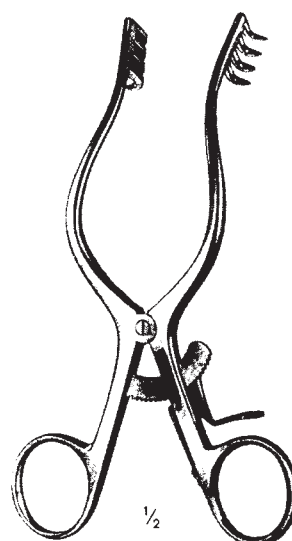
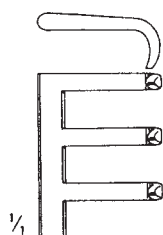
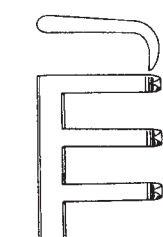
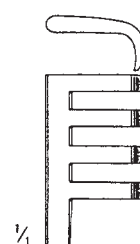
5 x 6 teeth, dents, dentes

**WUNDHAKEN  
RETRACTORS**

**Weitlaner-Loktite**

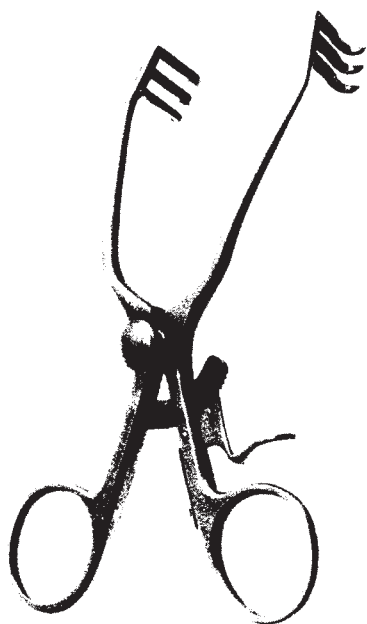
10 cm / 4"


**Weitlaner-Wullstein**

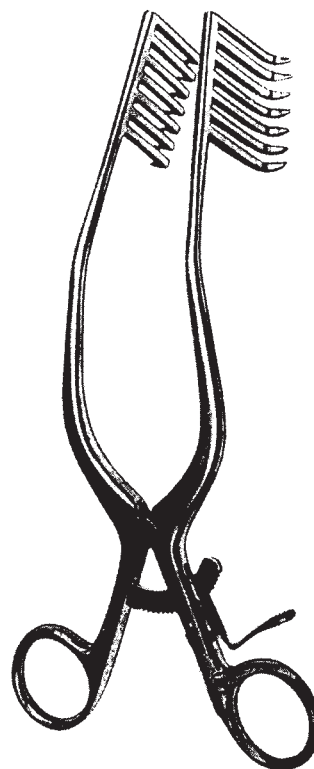
13 cm / 5 1/2"


**Mollison**
**06-140.15**  
15 cm / 6"


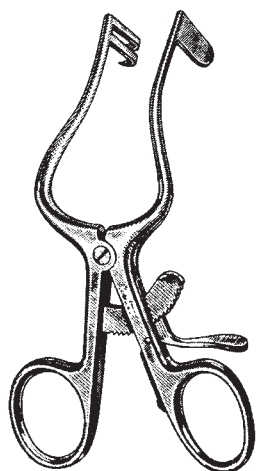
**WUNDHAKEN  
RETRACTORS**



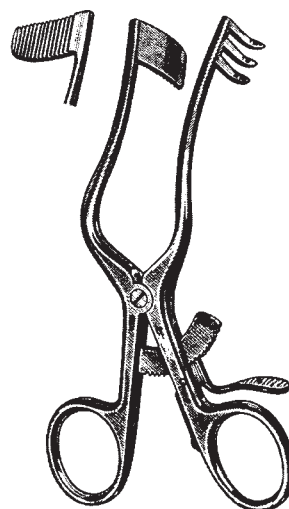
**Schuknecht**  
**06-141.13**  
14 cm / 5"



**Miskimon**  
22 cm / 9"  
**06-113.22**  
sharp  
pointu  
agudo  
7 x 7 teeth, dents, dentes  
**06-114.22**  
blunt  
mousse  
romo



**Belucci**  
10 cm / 4"  
**06-115.10**  
left solid blade  
2 blunt teeth  
**06-116.10**  
right solid blade  
2 blunt teeth

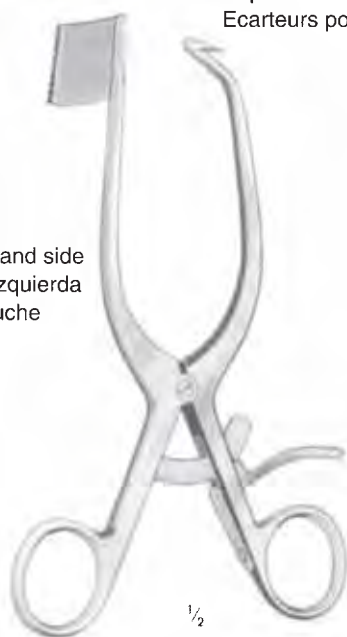


**Perkins**  
14 cm / 5 1/2"  
**06-117.14**  
left solid blade  
3 teeth  
**06-118.14**  
right solid blade  
3 teeth

**WUNDHAKEN  
RETRACTORS**

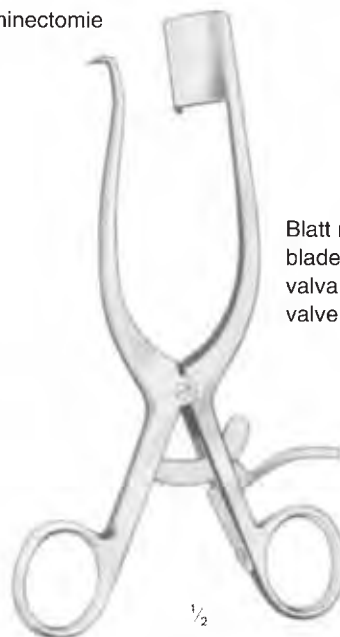
Hemilaminektomiespreizer  
 Hemilaminectomy Retractors  
 Separadores para hemilaminectomia  
 Ecarteurs pour hémilaminectomie

Blatt links  
 blade left hand side  
 valva a la izquierda  
 valve à gauche

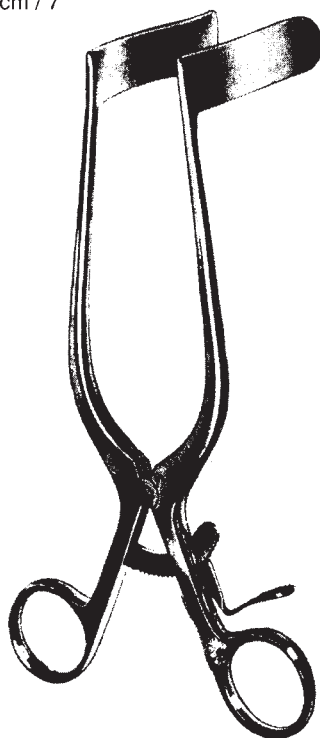


**Markham-Meyerding**  
 06-119.01  
 18 cm / 7"

Blatt rechts  
 blade right hand side  
 valva a la derecha  
 valve à droit



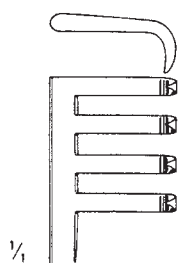
**Markham-Meyerding**  
 06-119.02  
 18 cm / 7"



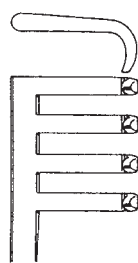
**Rigby**  
 06-120.19  
 19 cm / 7 1/2"

Blätter  
 Blades 70 mm x 16 mm  
 valves 2 3/4 x 5/8"  
 valvas

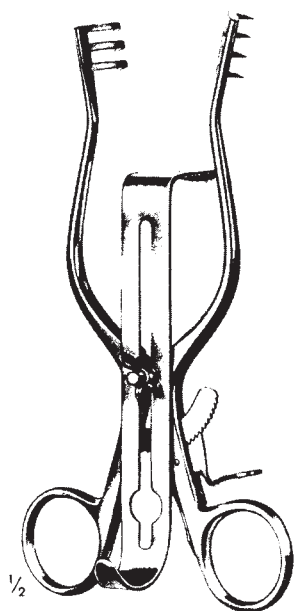
**WUNDHAKEN  
RETRACTORS**



**06-142.00**  
sharp  
pointu  
agudo

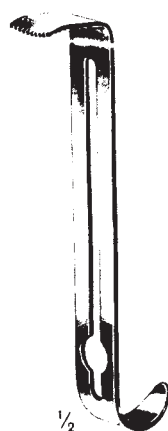


**06-143.00**  
blunt  
mousse  
romo

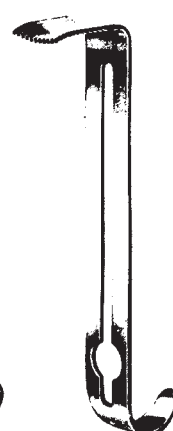


**Henley**

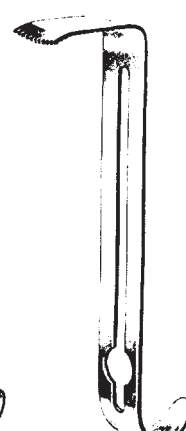
16,5 cm / 6 1/2"



**06-143.19**  
16 mm x 19 mm  
5/8" x 3/4"

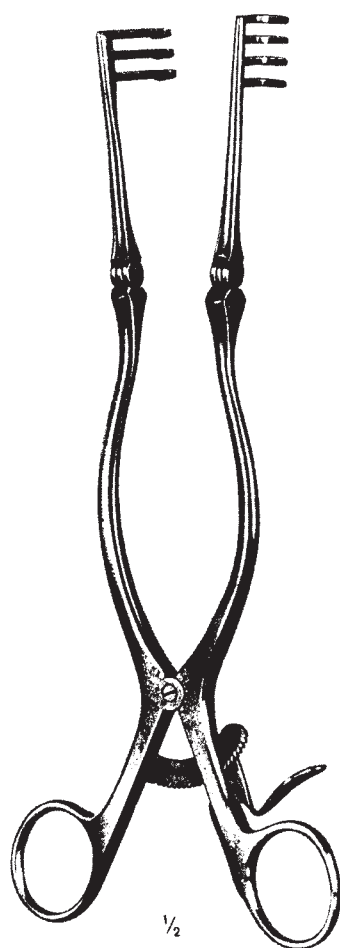


**06-143.25**  
16 mm x 25 mm  
5/8" x 1"



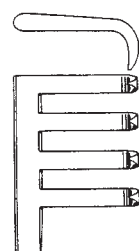
**06-143.32**  
16 mm x 32 mm  
5/8" x 1 1/4"

**WUNDHAKEN  
RETRACTORS**

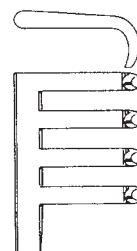


**Weitlaner Beckmann**

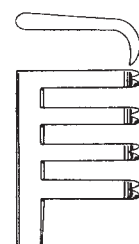
3 x 4 teeth, dents, dentes



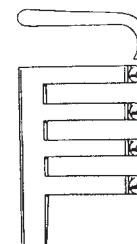
**06-144.14**



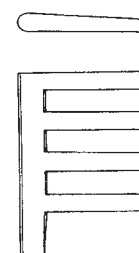
**06-145.14**



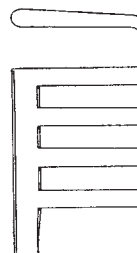
**06-144.16**



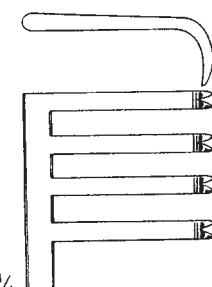
**06-145.16**



**06-144.20**

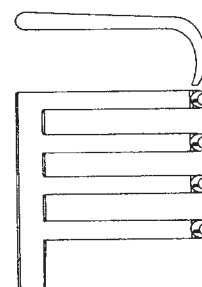


**06-145.20**



**06-144.24**

sharp  
pointu  
agudo

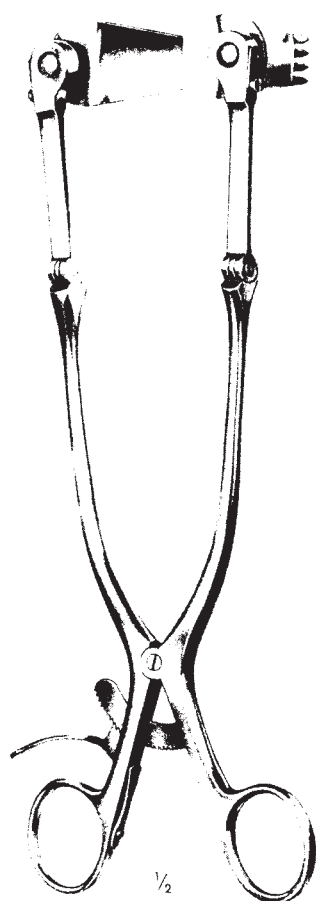


**06-145.24**

blunt  
mousse  
romo



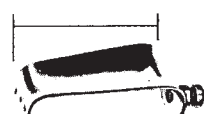
## WUNDHAKEN RETRACTORS



### Cloward

**06-146.00** complete, with 5 valves  
25 cm / 10" complet avec 5 valves  
completo con 5 valvas

**06-146.25** Retractor only  
Ecarteur sans valves  
Separador sin valvas



**06-146.40** = 40 mm



**06-146.45** = 45 mm



**06-146.50** = 50 mm

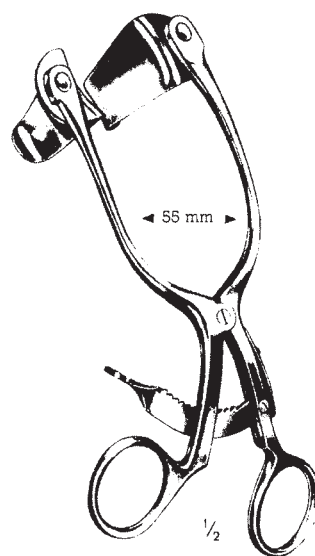


**06-146.55** = 55 mm



**06-146.60** = 60 mm

1/4



### Cloward

**06-147.00** complete, with 5 valves  
16 cm / 6 1/2" complet avec 5 valves  
completo con 5 valvas

**06-147.16** Retractor only  
Ecarteur sans valves  
Separador sin valvas



**06-147.40** = 40 mm



**06-147.45** = 45 mm



**06-147.50** = 50 mm



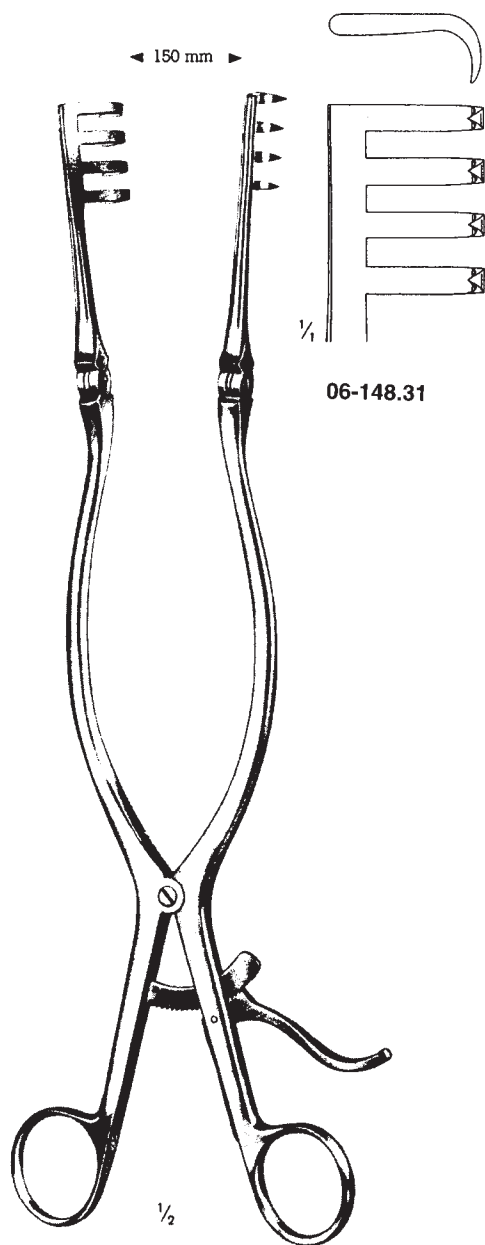
**06-147.55** = 55 mm



**06-147.60** = 60 mm

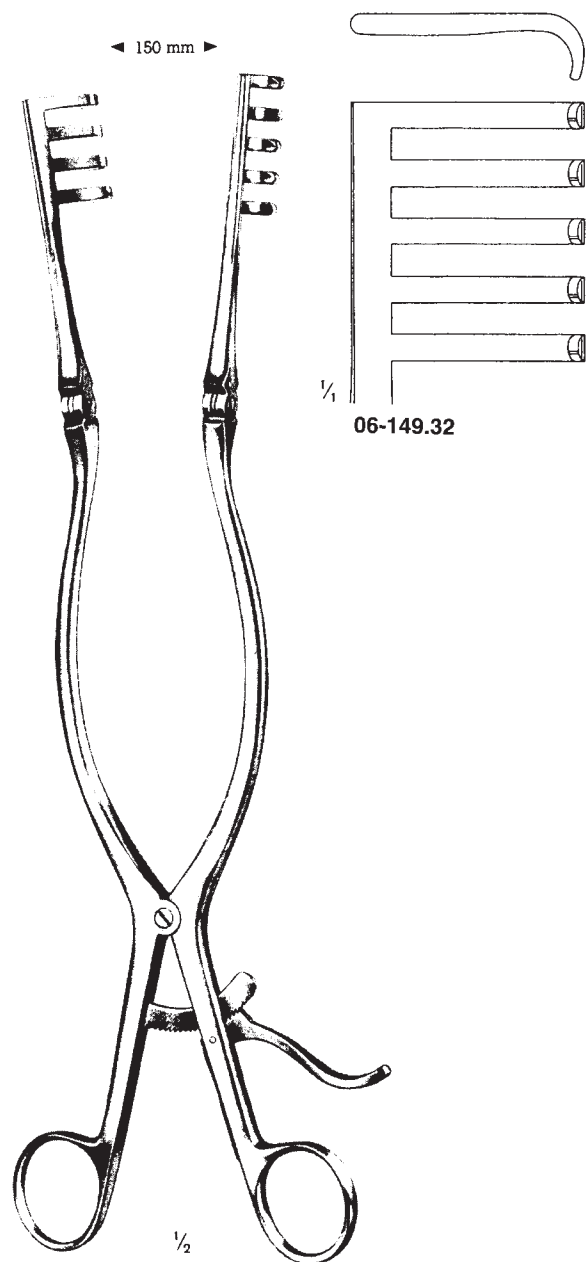
1/4

**WUNDHAKEN  
RETRACTORS**



**Beckmann Adson**

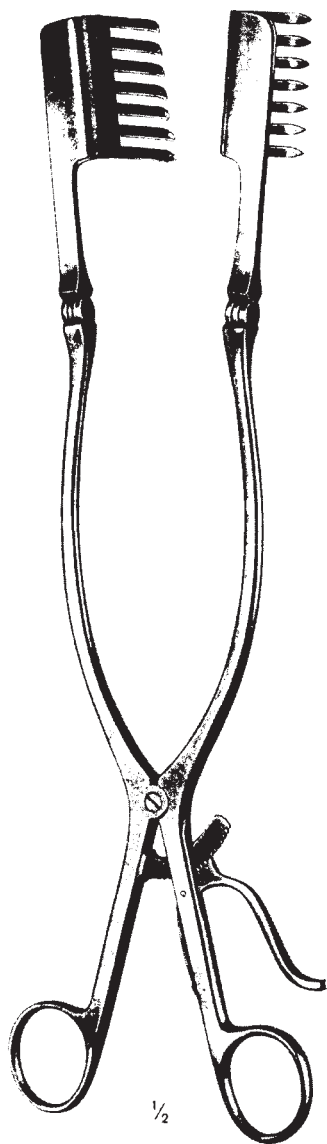
31 cm / 12 1/4"  
4 x 4 teeth, dents, dentes



**Beckmann Adson**

32 cm / 12 1/2"  
4 x 5 teeth, dents, dentes

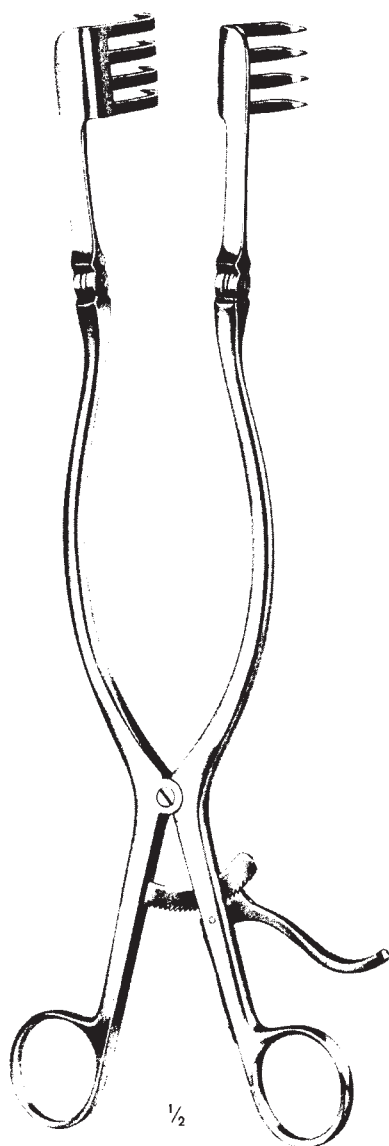
**WUNDHAKEN  
RETRACTORS**



**Beckmann-Eaton**

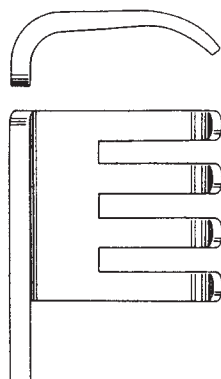
**06-151.32**  
32 cm / 12 $\frac{1}{2}$ "

**WUNDHAKEN  
RETRACTORS**



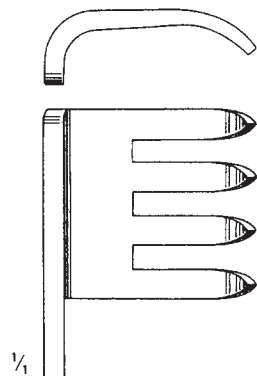
**Beckmann-Adson**

31 cm / 12 1/4"  
4 x 4 teeth, dents, dentes



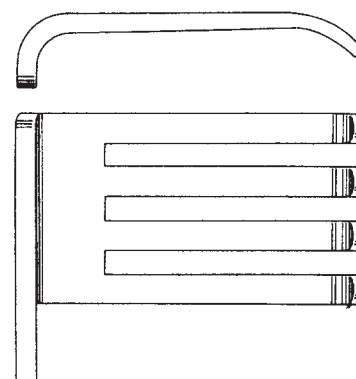
**06-150.00**

blunt  
mousse  
romo



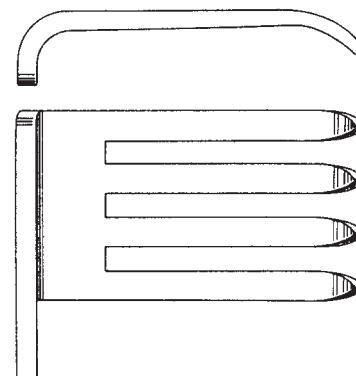
**06-150.01**

sharp  
pointu  
agudo



**06-150.02**

blunt  
mousse  
romo



**06-150.03**

sharp  
pointu  
agudo

**WUNDHAKEN  
 RETRACTORS**

**CONE**

13 cm / 5"

**06-151.01**

scharf

sharp

agudo

pointu

**06-151.02**

stumpf

blunt

romo

mousse


**CONE**

16,5 cm / 6 1/2"

**06-151.03**

scharf

sharp

agudo

pointu

**06-151.04**

stumpf

blunt

romo

mousse


**CONE**

20 cm / 8"

**06-151.05**

scharf

sharp

agudo

pointu

**06-151.06**

stumpf

blunt

romo

mousse


**CONE**

25 cm / 9 1/2"

**06-151.07**

scharf

sharp

agudo

pointu

**06-151.08**

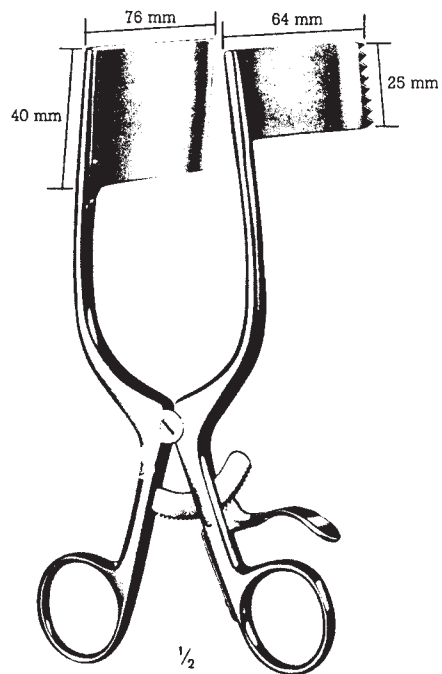
stumpf

blunt

romo

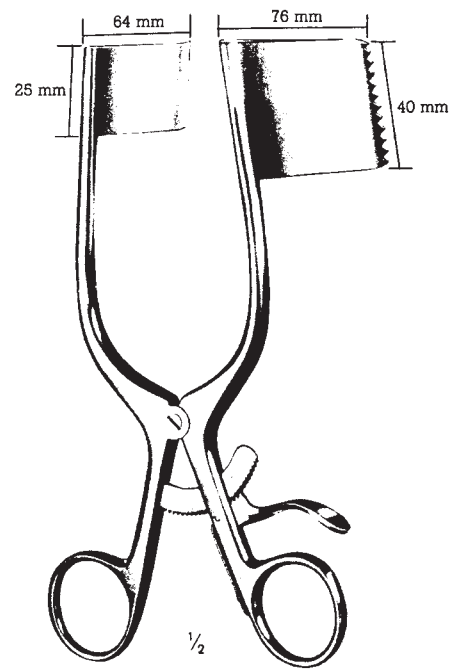
mousse

## WUNDHAKEN RETRACTORS



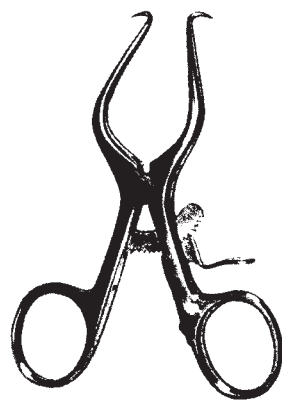
**Darling**

**06-152.01**  
18 cm / 7"  
(Poplitea)



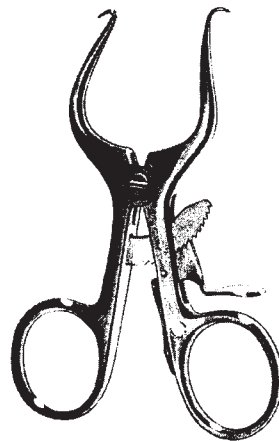
**Darling**

**06-152.02**  
18 cm / 7"  
(Poplitea)



**GELPI**

**06-153.09**  
9 cm / 3 1/2"

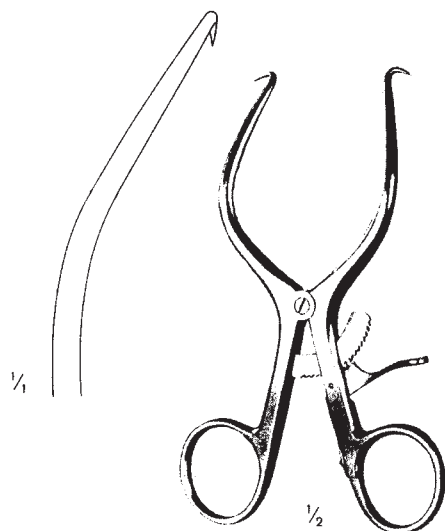


**GELPI**

**06-153.11**  
11 cm / 4 1/2"

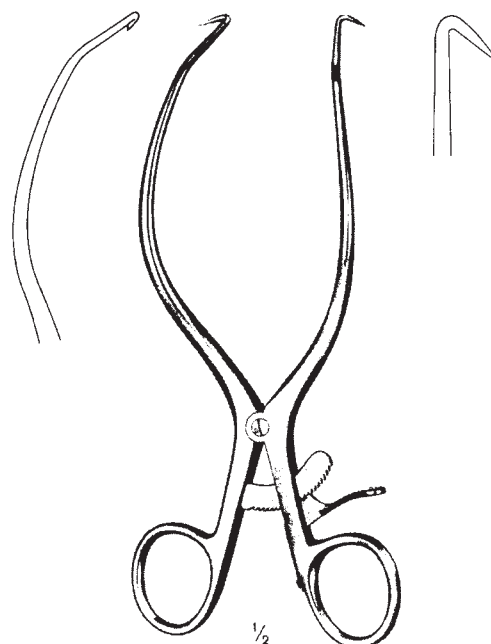


**WUNDHAKEN  
RETRACTORS**



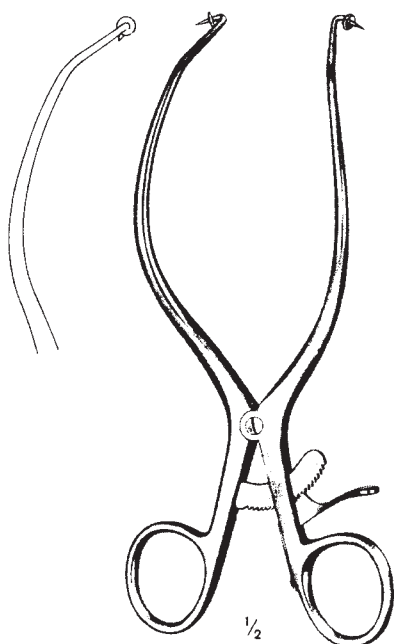
**Gelpi**

**06-153.13**  
13 cm / 5"



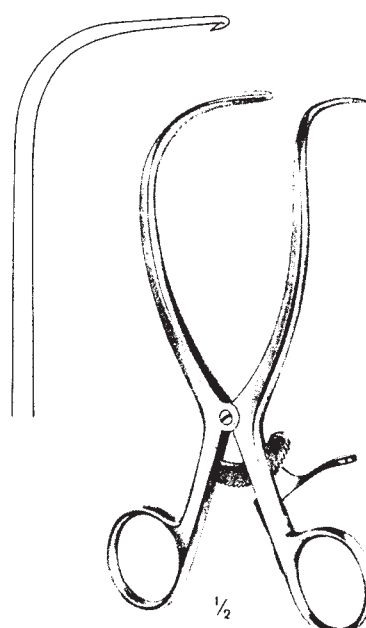
**Gelpi**

**06-153.18**  
18 cm / 7"



**Gelpi**

**06-154.18**  
18 cm / 7"

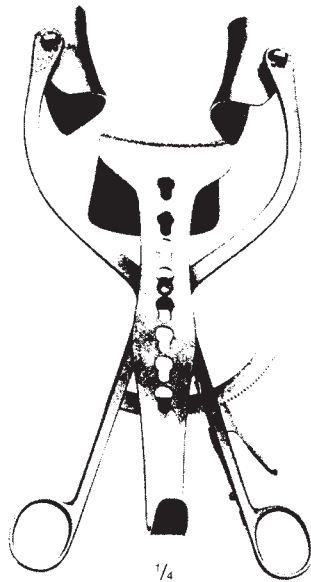


**Gelpi**

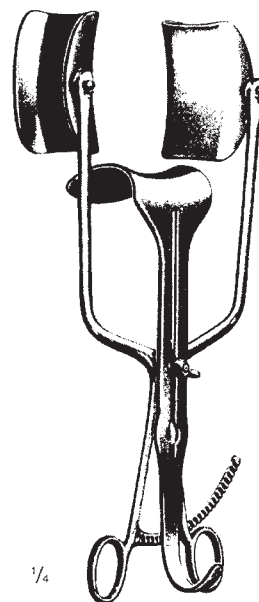
**06-155.15**  
15 cm / 6"

**WUNDHAKEN  
RETRACTORS**
**ABDOMINAL RETRACTORS  
ECARTEURS A PAROI ABDOMINALE  
SEPARADORES ABDOMINALES**
**COLLIN**

<b>06-156.01</b>	32 mm x 62 mm 1 1/2" x 2 3/8"	55 mm x 55 mm 2 1/8" x 2 1/8"
<b>06-156.02</b>	38 mm x 80 mm 1 1/2" x 3 1/8"	55 mm x 65 mm 2 1/8" x 2 1/2"
<b>06-156.03</b>	38 mm x 100 mm 1 1/2" x 4"	55 mm x 75 mm 2 1/8" x 2"
	seitl. Valven lateral blades valvas laterales valves latérales	Mittelvalve center blade valva central valve centrale


**COLLIN**

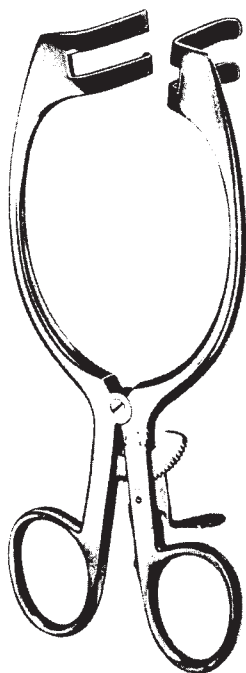
<b>06-157.01</b>	50 mm x 58 mm 2" x 2 1/4"	62 mm x 67 mm 2 1/2" x 2 5/8"
<b>06-157.02</b>	62 mm x 80 mm 2 3/8" x 3 1/8"	62 mm x 70 mm 2 1/2" x 2 3/4"
	seitl. Valven lateral blades valvas laterales valves latérales	Mittelvalve center blade valva central valve centrale


**OETTINGEN**

<b>06-158.01</b>	38 mm x 80 mm 1 1/2" x 3 1/8"	50 mm x 65 mm 2" x 2 1/2"
	seitl. Valven lateral blades valvas laterales valves latérales	Mittelvalve center blade valva central valve centrale

**WUNDHAKEN  
RETRACTORS**

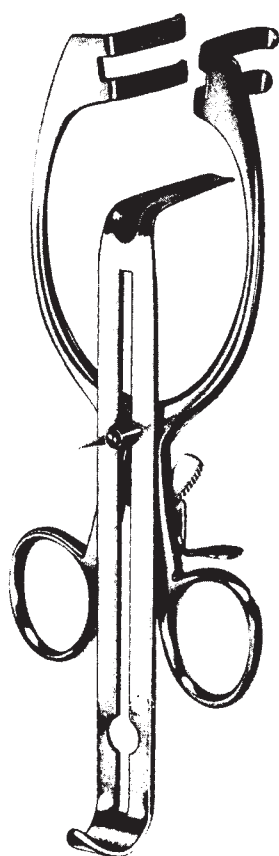
**ABDOMINAL RETRACTOR  
ECARTEURS A PAROI ABDOMINALE  
SEPARADORES ABDOMINALES**



**Mayo Adams** 17 cm / 6<sup>3</sup>/<sub>4</sub>"

**06-159.17** ohne Mittelvalve  
without center blade  
sans valve centrale  
sin valva central

65 mm / 2<sup>1</sup>/<sub>2</sub>" Spreizweite  
blade opening  
écartement  
abertura de la hoja



**Mayo Adams** 17 cm / 6<sup>3</sup>/<sub>4</sub>"

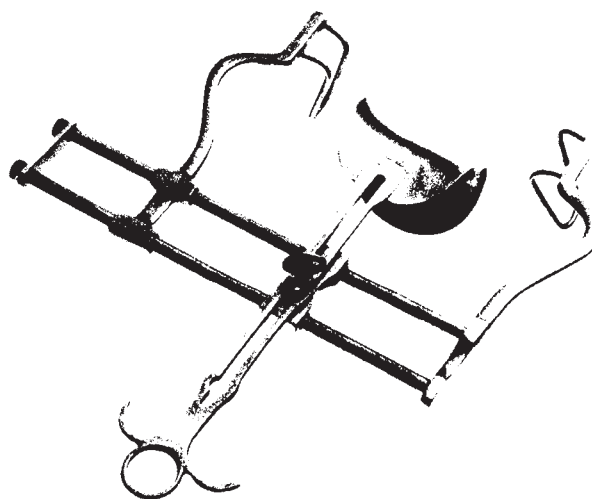
**06-160.17** mit Mittelvalve  
with center blade  
avec valve centrale  
con valva central

65 mm / 2<sup>1</sup>/<sub>2</sub>" Spreizweite  
blade opening  
écartement  
abertura de la hoja

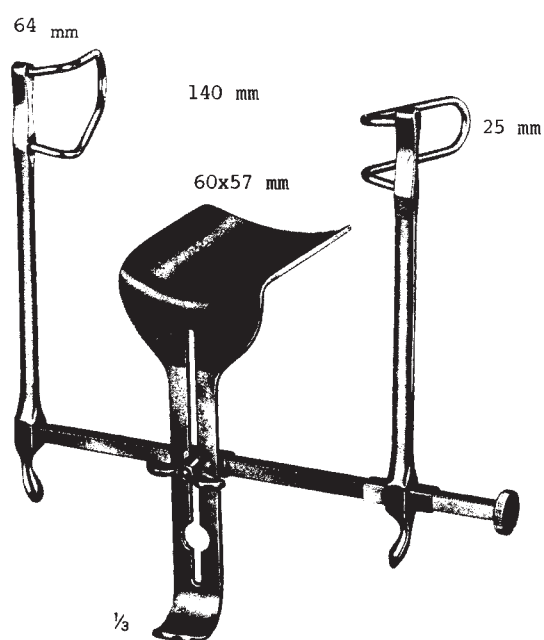
**WUNDHAKEN  
RETRACTORS**
**ABDOMINAL RETRACTORS  
ECARTEURS A PAROI ABDOMINALE  
SEPARADORES ABDOMINALES**

**BALFOUR-BABY** 06-161.01

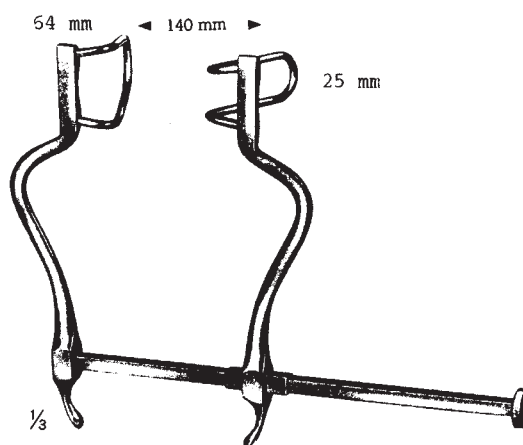
27 mm x 25 mm 1 1/16" x 1"	25 mm x 25 mm 1" x 1"	9 cm 3 1/2"
seitl. Valven lateral blades	Mittelvalve center blade	Spreizweite spread
valvas laterales	valva central	abertura de la hoja
valves latérales	valve centrale	écartement


**BALFOUR**

06-161.02 58 mm	45 mm x 80 mm	125 mm
06-161.03 60 mm	60 mm x 80 mm	200 mm
06-161.04 90 mm	80 mm x 80 mm	220 mm
seitl. Valven lateral blades	Mittelvalve center blade	Spreizweite spread
valvas laterales	valva central	abertura de la hoja
valves latérales	valve centrale	écartement


**Gosset**

06-162.00

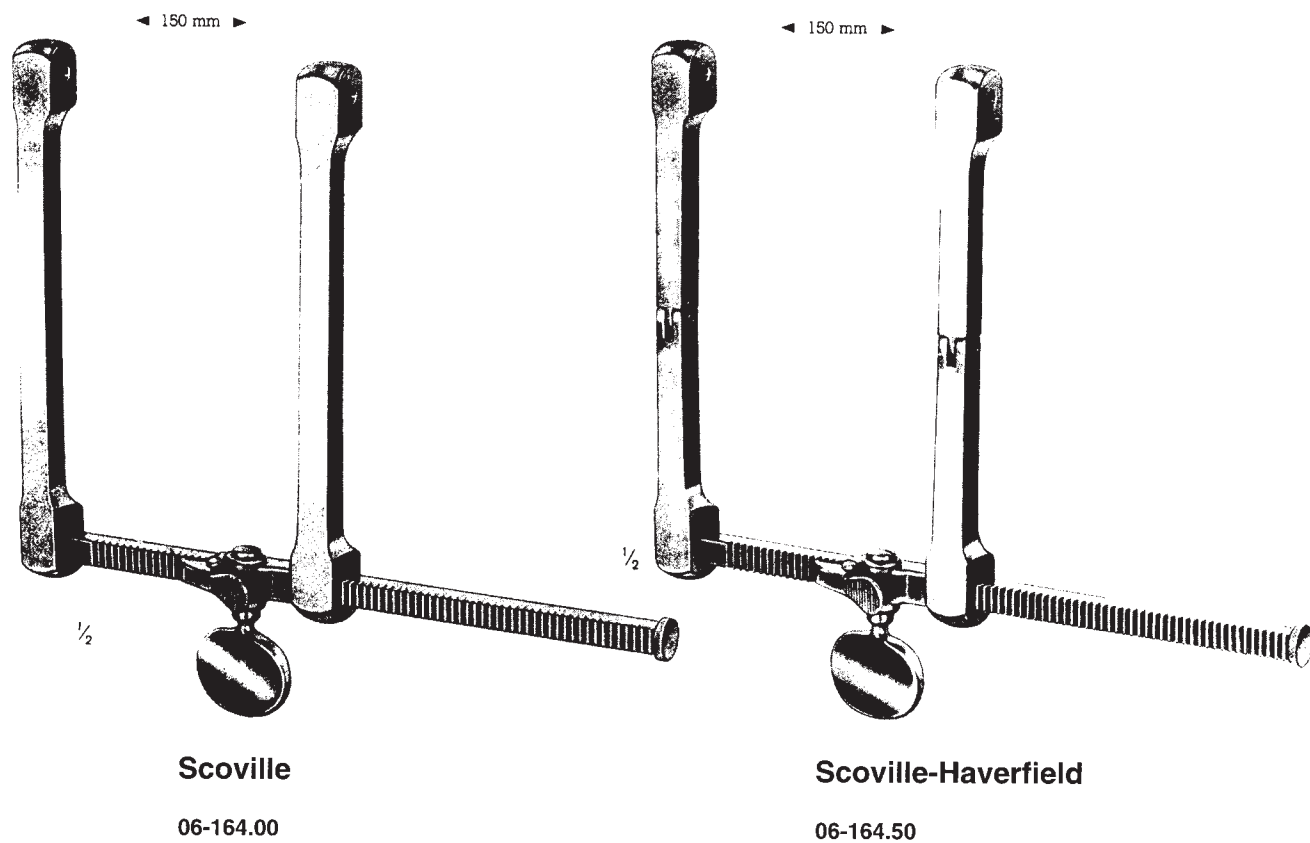

**Gosset**

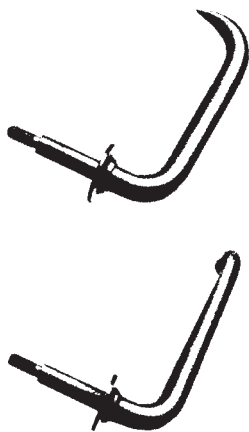
06-163.00



## WUNDHAKEN RETRACTORS

LAMINECTOMY RETRACTORS  
ECARTEURS POUR LAMINECTOMIE  
SEPARADORES PARA LAMINECTOMIA



**WUNDHAKEN  
RETRACTORS**
**LAMINECTOMY RETRACTORS  
ECARTEURS POUR LAMINECTOMIE  
SEPARADORES PARA LAMINECTOMIA**


1/2

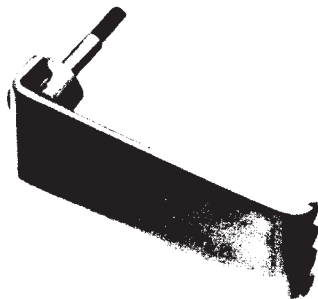
**Scoville**

spitz, sharp, agudo, pointu

<b>06-165.01</b>	50 mm	<b>06-165.02</b>	60 mm
<b>06-165.03</b>	70 mm	<b>06-165.04</b>	75 mm

stumpf, blunt, romo, mousse

<b>06-166.01</b>	50 mm	<b>06-166.02</b>	60 mm
<b>06-166.03</b>	70 mm	<b>06-166.04</b>	75 mm

tief, deep,  
profundidad, profondeur

2/3

**Scoville**tief  
deep  
profundidad  
profondeurbreit  
wide  
anchura  
largeur

<b>06-167.01</b>	50 mm, 2"	25 mm, 1"
<b>06-167.02</b>	50 mm, 2"	50 mm, 2"
<b>06-167.03</b>	57 mm, 2 1/4"	25 mm, 1"
<b>06-167.04</b>	57 mm, 2 1/4"	38 mm, 1 1/2"
<b>06-167.05</b>	64 mm, 2 1/2"	25 mm, 1"
<b>06-167.06</b>	64 mm, 2 1/2"	29 mm, 1 1/8"
<b>06-167.07</b>	64 mm, 2 1/2"	50 mm, 2"
<b>06-167.08</b>	67 mm, 2 5/8"	28 mm, 1 1/8"
<b>06-167.09</b>	67 mm, 2 5/8"	30 mm, 1 3/16"
<b>06-167.10</b>	75 mm, 3"	25 mm, 1"
<b>06-167.11</b>	75 mm, 3"	50 mm, 2"
<b>06-167.12</b>	88 mm, 3 1/2"	25 mm, 1"
<b>06-167.13</b>	100 mm, 4"	50 mm, 2"



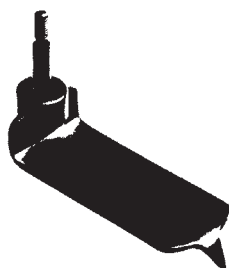
1/2

**Taylor**tief  
deep  
profundidad  
profondeurbreit  
wide  
anchura  
largeur

<b>06-168.01</b>	48 mm, 1 7/8"	50 mm, 2"
<b>06-168.02</b>	64 mm, 2 1/2"	50 mm, 2"
<b>06-168.03</b>	64 mm, 2 1/2"	64 mm, 2 1/2"
<b>06-168.04</b>	80 mm, 3 1/8"	57 mm, 2 1/4"

**Scoville**

<b>06-169.01</b>	41 mm, 1 5/8"	38 mm, 1 1/2"
<b>06-169.02</b>	67 mm, 2 5/8"	44 mm, 1 3/4"



1/2

**Taylor**tief  
deep  
profundidad  
profondeurbreit  
wide  
anchura  
largeur

<b>06-170.01</b>	75 mm, 3"	32 mm, 1 1/4"
<b>06-170.02</b>	100 mm, 4"	42 mm, 1 5/8"

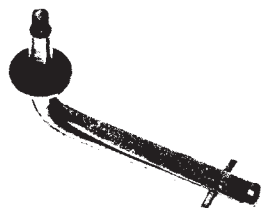


1/2

**Taylor**tief  
deep  
profundidad  
profondeurbreit  
wide  
anchura  
largeur

<b>06-171.01</b>	25 mm, 1"	41 mm, 1 5/8"
<b>06-171.02</b>	44 mm, 1 3/4"	38 mm, 1 1/2"
<b>06-171.03</b>	50 mm, 2"	41 mm, 1 5/8"



**WUNDHAKEN  
RETRACTORS**
**LAMINECTOMY RETRACTORS  
ECARTEURS POUR LAMINECTOMIE  
SEPARADORES PARA LAMINECTOMIA**


1/2

**Scoville**

	tief
	deep
	profondeur
	profundidad
<b>06-184.05</b>	38 mm, 1 1/2"
<b>06-185.05</b>	50 mm, 2"
<b>06-186.05</b>	70 mm, 2 3/4"
<b>06-187.05</b>	75 mm, 3"

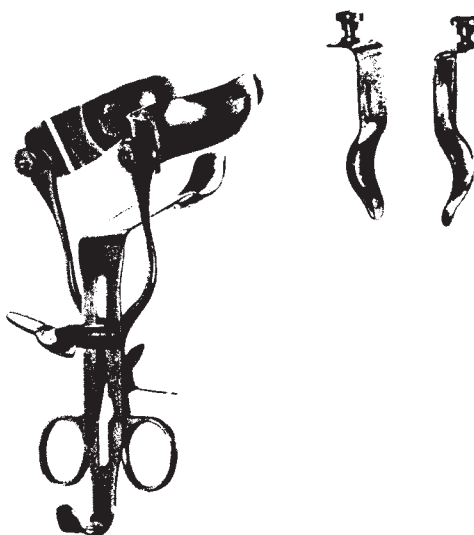
with stop  
avec stop  
con alto



2/3

**Hibbs**

<b>06-188.04</b>	50 mm, 2"	19 mm, 3/4"
<b>06-188.05</b>	50 mm, 2"	25 mm, 1"
<b>06-188.06</b>	50 mm, 2"	50 mm, 2"
<b>06-188.07</b>	64 mm, 2 1/2"	25 mm, 1"
<b>06-188.08</b>	64 mm, 2 1/2"	38 mm, 1 1/2"
<b>06-188.09</b>	75 mm, 3"	25 mm, 1"
<b>06-188.10</b>	75 mm, 3"	38 mm, 1 1/2"
<b>06-188.11</b>	75 mm, 3"	50 mm, 1"
<b>06-188.12</b>	75 mm, 3"	64 mm, 2 1/2"
<b>06-188.13</b>	88 mm, 3 1/2"	25 mm, 1"
<b>06-188.14</b>	88 mm, 3 1/2"	38 mm, 1 1/2"
<b>06-188.15</b>	100 mm, 4"	25 mm, 1"
<b>06-188.16</b>	100 mm, 4"	50 mm, 2"

**WUNDHAKEN  
RETRACTORS**
**RECTAL SPECULUM  
SPECULUM POUR LE RECTUM  
ESPCULOS RECTULES**

**Alan-Parks**

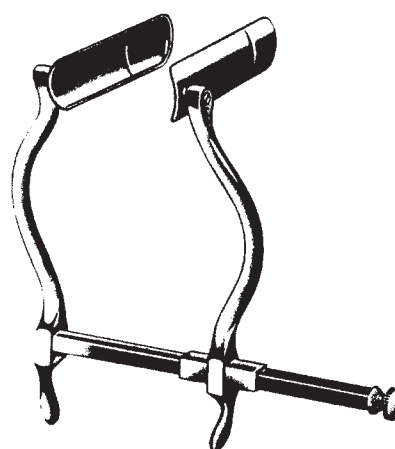
1/2

**06-193.00**

13,5 cm, 5 1/4"

bestehend aus / consisting of / compuesto de / comprenant:

1 Rahmen, frame, cuadro, cadre	
2 Valven, blades, valvas, valves	75 mm x 24 mm
2 Valven, blades, valvas, valves	95 mm x 24 mm
1 Valve, blade, valva, valve	95 mm x 24 mm



1/3

**Smith-Buie**
**06-194.00**

70 mm x 22 mm, 2 3/4" x 7/8"

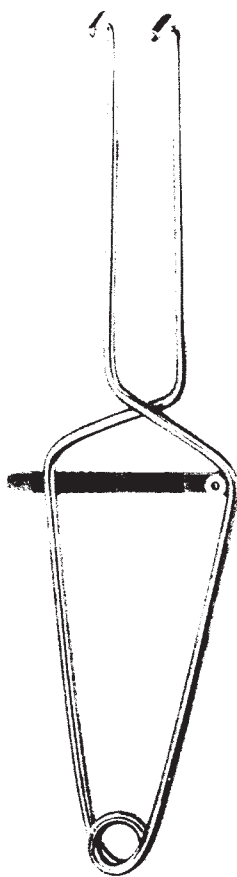
Spreizweite

blade opening

abertura de la hoja

écartement

125 mm, 4 7/8"

**WUNDHAKEN  
RETRACTORS**
**BLADDER RETRACTOR  
ECARTEUR VESICALES  
SEPARADORES VESICALES**

**MILLIN**

**06-196.28**  
28,5 cm / 11 1/4"

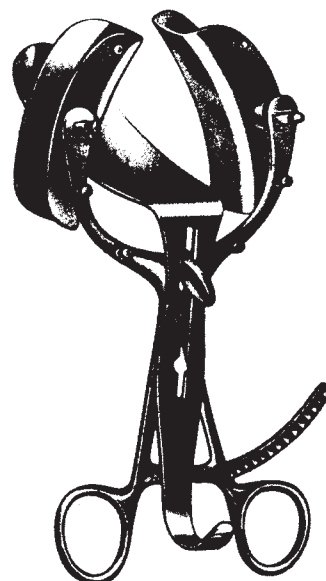

**MILLIN**

1/3

**06-195.00**

bestehend aus / consisting of / compuesto de / comprenant:

1 Rahmen, frame, cuadro, cadre	
2 Valven, blades, valvas, valves	57 mm x 25 mm
2 Valven, blades, valvas, valves	80 mm x 25 mm
1 Valve, blade, valva, valve	120 mm x 45 mm


**LEGUE**

1/2

**06-197.00**

28 mm x 60 mm	70 mm x 32 mm
1 1/8" x 2 3/8"	2 3/4" x 1 1/4"
seitl. Valven	Mittelvalve
lateral blades	center blade
valvas laterales	valva central
valves latérales	valve centrale

**WUNDHAKEN  
RETRACTORS**


1/6

**Rochard**
**06-198.01**

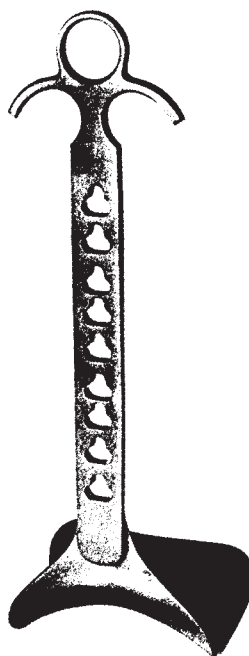
Befestigungsrahmen für OP-Tische  
 Mounting frame for operating tables  
 Dispositivo de fijación para mesas de operaciones  
 Dispositif de fixation pour tables d'opération



1/3

**Rochard**
**06-198.02**

19 cm / 7<sup>3</sup>/<sub>4</sub>"  
 Fixiervorrichtung  
 Fixation device  
 Dispositivo de fijación  
 Compas articulé



1/3

**Rochard**
27 cm / 10<sup>1</sup>/<sub>2</sub>"

<b>06-205.01</b>	50 mm x 95 mm, 2" x 3 <sup>3</sup> / <sub>4</sub> "
<b>06-205.02</b>	50 mm x 105 mm, 2" x 4 <sup>1</sup> / <sub>8</sub> "
<b>06-205.03</b>	60 mm x 120 mm, 2 <sup>3</sup> / <sub>8</sub> " x 4 <sup>3</sup> / <sub>4</sub> "
<b>06-205.04</b>	60 mm x 135 mm, 2 <sup>3</sup> / <sub>8</sub> " x 5 <sup>1</sup> / <sub>4</sub> "
<b>06-205.05</b>	60 mm x 155 mm, 2 <sup>3</sup> / <sub>8</sub> " x 6 <sup>1</sup> / <sub>8</sub> "





**HOHLMEISSEL- UND KNOCHENSPLITTERZANGEN  
BON RONGEURS — BONE CUTTING FORCEPS**

**DRAHT- UND BOLZENSCHNEIDER  
WIRE CUTTING — PLIES-PIN CUTTER**





**HOHLMEISSEL- UND KNOCHENSPLITTERZANGEN**  
**BON RONGEURS — BONE CUTTING FORCEPS**


Böhler, 15 cm, 6"  
**10-100.03 - 10-101.05**



gerade/straight

3 mm  
 4 mm  
 5 mm

**10-100.03**  
**10-100.04**  
**10-100.05**



gebogen/curved

**10-101.03**  
**10-101.04**  
**10-101.05**



Kleinert-Kutz, 15 cm, 6"  
**10-196.02 - 10-200.03**

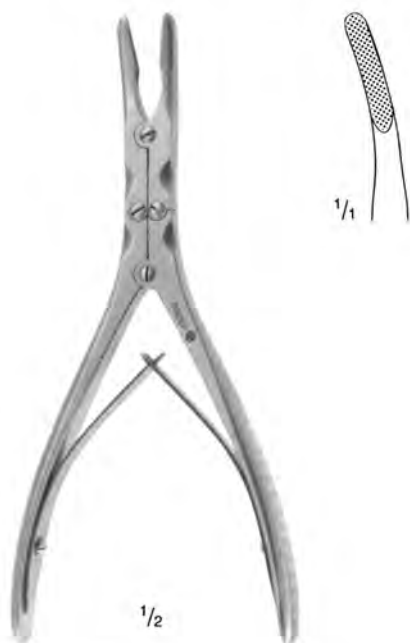


**10-196.02**  
 leicht gebogen  
 slightly curved  
 2 x 13 mm

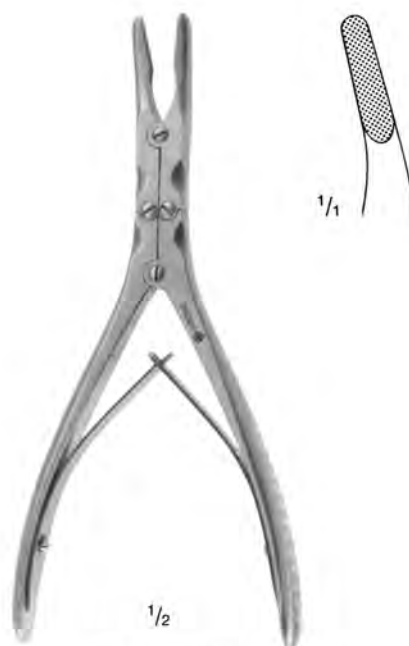


**10-200.03**  
 stark gebogen  
 full curved  
 3 x 8 mm

**HOHLMEISSEL- UND KNOCHENSPLITTERZANGEN**  
**BON RONGEURS — BONE CUTTING FORCEPS**



**Beyer**  
18 cm, 7"  
**10-102.18**



**Zaufal-Jansen**  
18 cm, 7"  
**10-103.18**



**Mayfield**  
17 cm, 6 $\frac{3}{4}$ "  
**10-204.17**



**Marquardt**  
20 cm, 8"  
**10-208.20**

**HOHLMEISSEL- UND KNOCHENSPLITTERZANGEN**  
**BON RONGEURS — BONE CUTTING FORCEPS**


Ruskin  
18 cm, 7"  
10-104.04 - 10-106.07



gerade/straight



gebogen/curved

4 mm	10-106.04	10-104.04
5 mm	10-106.05	10-104.05
6 mm	10-106.06	10-104.06
7 mm	10-106.07	10-104.07



Ruskin  
23 cm, 9"  
10-108.05 - 10-108.07



5 mm 10-108.05  
6 mm 10-108.06  
7 mm 10-108.07



Smith-Petersen  
24 cm, 9 1/2"  
10-131.24 - 10-133.24



10-131.24  
gerade  
straight



10-132.24  
gebogen  
curved



10-133.24  
stark gebogen  
full curved

## HOHLMEISSEL- UND KNOCHENSPLITTERZANGEN BON RONGEURS — BONE CUTTING FORCEPS



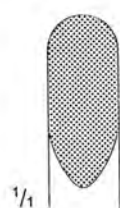
$\frac{1}{2}$   
Stille Ruskin  
23 cm, 9"  
**10-114.23**



$\frac{1}{2}$   
Frykholm  
24 cm, 9½"  
**10-220.24**



$\frac{1}{2}$   
Stille Luer  
**10-112.22 - 10-113.26**



$\frac{1}{1}$   
gerade  
straight

Ges. Länge total length  
22 cm  
8½"

**10-113.22**



$\frac{1}{1}$   
gebogen  
curved

Ges. Länge total length  
26 cm  
10½"

**10-113.26**

**10-112.26**

**HOHLMEISSEL- UND KNOCHENSPLITTERZANGEN  
BON RONGEURS — BONE CUTTING FORCEPS**



Echlin  
23 cm, 9"  
10-115.23 - 10-117.23



2 x 10 mm  
10-115.23



3 x 10 mm  
10-116.23



4 x 10 mm  
10-117.23



Stille  
23 cm, 9"  
10-111.05 - 10-111.06



Maulbreite/Bite:

5 x 14 mm  
10-111.05

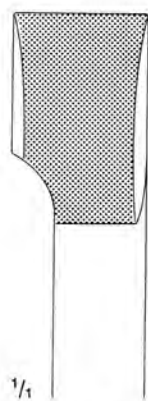
6 x 14 mm  
10-111.06



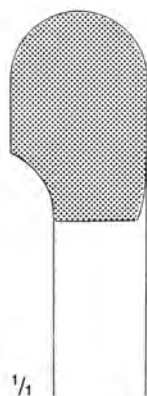
Semb  
22,5 cm, 9"  
10-118.23



## HOHLMEISSEL- UND KNOCHENSPLITTERZANGEN BON RONGEURS — BONE CUTTING FORCEPS



Sauerbruch  
10-120.31



Sauerbruch  
10-119.31

Gesamt-Länge  
total length

22 cm  
27 cm



gerade/straight

10-113.23  
10-113.27



gebogen/curved

10-112.23  
10-112.27



$\frac{1}{2}$   
Sauerbruch  
31 cm, 12  $\frac{3}{8}$ "



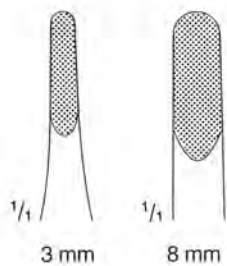
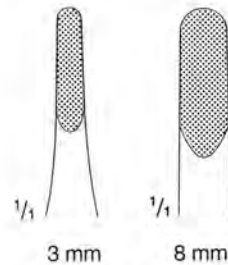
$\frac{1}{2}$   
Stille Luer  
10-112.23 - 10-113.27

**HOHLMEISSEL- UND KNOCHENSPLITTERZANGEN**  
**BON RONGEURS — BONE CUTTING FORCEPS**


Leksell-Stille  
 24 cm, 9 1/2"  
**10-110.03 - 10-110.08**

Maulbreite/Bite:  
 3 x 16  
 4 x 16  
 5 x 16  
 6 x 16  
 7 x 16  
 8 x 16

Art.-Nr.  
**10-110.03**  
**10-110.04**  
**10-110.05**  
**10-110.06**  
**10-110.07**  
**10-110.08**



Maulbreite/Bite:  
 3 x 16  
 4 x 16  
 5 x 16  
 6 x 16  
 7 x 16  
 8 x 16

Art.-Nr.  
**10-210.03**  
**10-210.04**  
**10-210.05**  
**10-210.06**  
**10-210.07**  
**10-210.08**



Leksell, stark gebogen –  
 Leksell, full curved  
 24 cm, 9 1/2"  
**10-210.03 - 10-210.08**

## HOHLMEISSEL- UND KNOCHENSPLITTERZANGEN BON RONGEURS — BONE CUTTING FORCEPS

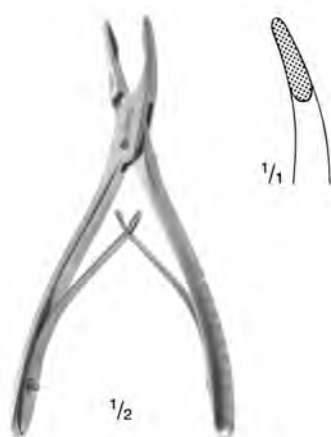


**Dale**  
34 cm / 13 1/3"  
10-156.03

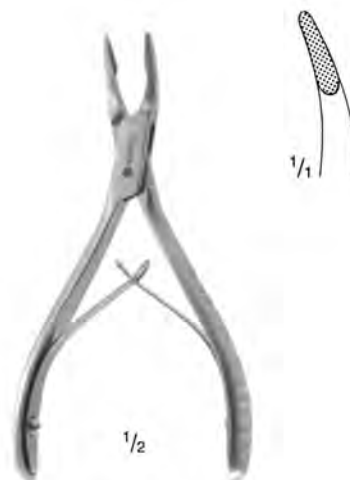


**Sybert**  
36 cm / 14 3/8"

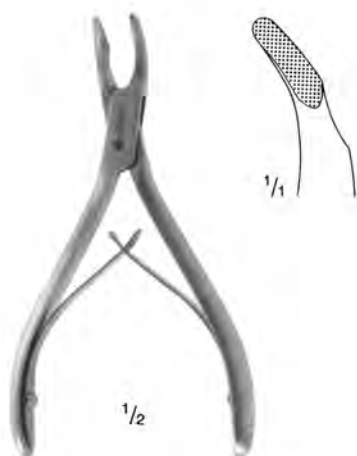
Maulbreite / Bite:	Art.-Nr.
4 mm	10-145.04
5 mm	10-145.05
8 mm	10-145.08
12 mm	10-145.12

**HOHLMEISSEL- UND KNOCHENSPLITTERZANGEN  
 BON RONGEURS — BONE CUTTING FORCEPS**


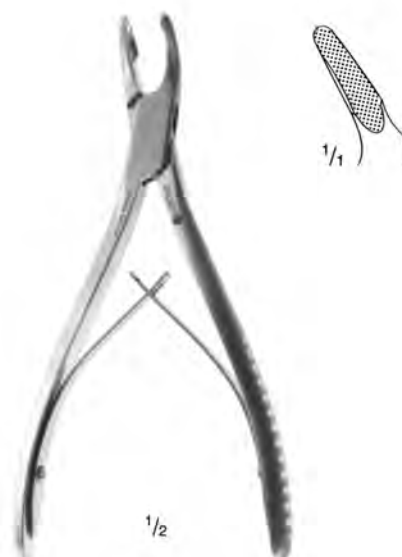
Mini-Friedmann  
 12 cm, 5"  
 10-140.12



Friedmann  
 14 cm, 5 1/2"  
 10-144.14



Cleveland  
 14 cm, 5 1/2"  
 10-148.14

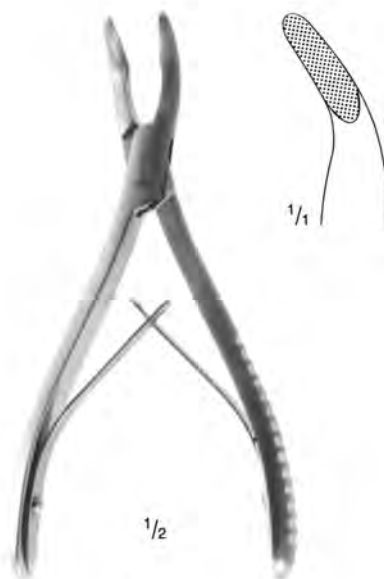
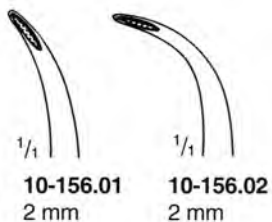


Cleveland  
 17 cm, 6 3/4"  
 10-152.17

## HOHLMEISSEL- UND KNOCHENSPLITTERZANGEN BON RONGEURS — BONE CUTTING FORCEPS



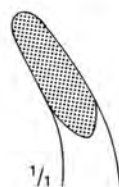
Stellbrink  
17 cm, 6<sup>3</sup>/<sub>4</sub>"  
10-156.01 - 10-156.02



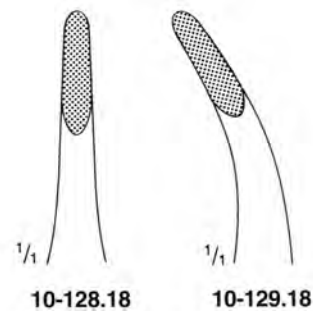
Mead  
16,5 cm, 6<sup>1</sup>/<sub>2</sub>"  
10-160.16



Hartmann  
18,5 cm, 7<sup>1</sup>/<sub>4</sub>"  
10-134.18

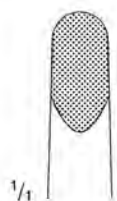


Jansen  
18 cm, 7"  
10-128.18 - 10-129.18



**HOHLMEISSEL- UND KNOCHENSPLITTERZANGEN  
 BON RONGEURS — BONE CUTTING FORCEPS**


Luer  
 17 cm, 6 $\frac{3}{4}$ "  
 10-122.17 - 10-123.17



10-122.17



10-123.17



Blumenthal  
 15 cm, 6"  
 10-172.15 - 10-180.15



30°  
 geb./cvd.  
 10-172.15



45°  
 geb./cvd.  
 10-176.15



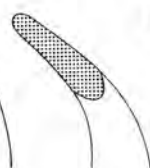
90°  
 geb./cvd.  
 10-180.15



Luer  
 15 cm, 6"  
 10-184.15 - 10-192.15



10-184.15



10-188.15



10-192.15



**HOHLMEISSEL- UND KNOCHENSPLITTERZANGEN  
BON RONGEURS — BONE CUTTING FORCEPS**



Lempert  
19 cm, 7 1/2"  
**10-124.19 - 10-125.19**



**10-124.19**



**10-125.19**



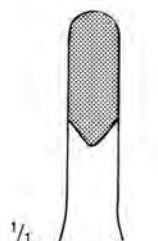
Lempert  
16 cm, 6 1/2"  
**10-126.16 - 10-127.16**



**10-126.16**



**10-127.16**

**HOHLMEISSEL- UND KNOCHENSPLITTERZANGEN**  
**BON RONGEURS — BONE CUTTING FORCEPS**

 Adson  
 gerade/straight

**10-135.20** Maulbreite/Bite:  
**10-137.20** 8 x 16  
 7 x 16

Adson  
 20 cm, 8"  
**10-135.20 - 10-138.20**


 Adson  
 gebogen/curved

**10-136.20** Maulbreite/Bite:  
**10-138.20** 8 x 16  
 7 x 16

Adson mit Zähne/toothed  
 20 cm, 8"  
**20-221.20**



Beyer  
 180 mm, 7"  
**10-130.18**



**20-220.00**  
 Slip-on guard



Rubin  
 Septum Quetschzange  
 Septal Morselizer 8"  
 210 mm  
 gerade/straight  
**20-219.21**  
 gebogen/curved  
**20-220.21**

**HOHLMEISSEL- UND KNOCHENSPLITTERZANGEN**  
**BON RONGEURS — BONE CUTTING FORCEPS**


Liston  
20-100.14 - 20-110.22

	gerade straight	gebogen curved
14 cm 5 1/2"	20-100.14	20-110.14
17 cm 6 3/4"	20-100.17	20-110.17
19 cm 7 1/2"	20-100.19	20-110.19
22 cm 8 3/4"	20-100.22	20-110.22



Cottle Kazanjian  
19 cm, 7 1/2"  
20-150.19



Littauer  
15 cm, 6"  
20-152.15

**HOHLMEISSEL- UND KNOCHENSPLITTERZANGEN  
BON RONGEURS — BONE CUTTING FORCEPS**



Cleveland  
15 cm, 6"  
**20-158.15**



Cleveland  
17 cm, 6 3/4"  
**20-154.17**

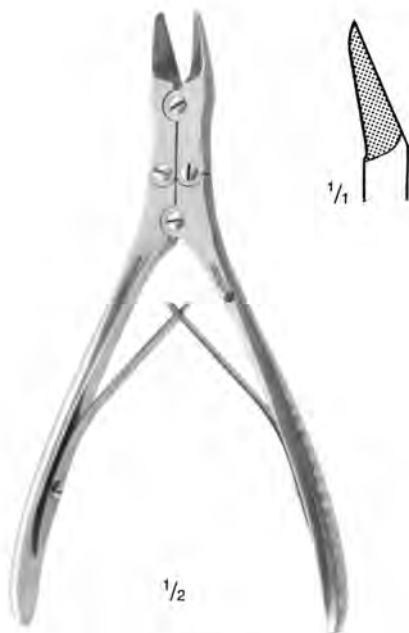


Böhler, gerade/straight  
15 cm, 5 3/4"  
**20-200.15 - 20-201.15**



Böhler, gebogen/curved  
15 cm, 5 3/4"  
**20-201.15**

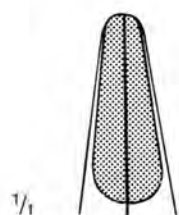
## HOHLMEISSEL- UND KNOCHENSPLITTERZANGEN BON RONGEURS — BONE CUTTING FORCEPS



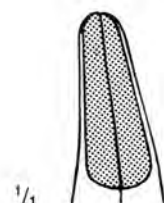
McIndoe  
17,5 cm, 7"  
20-203.18



Ruskin-Liston  
18,5 cm, 7 1/4"  
20-204.18 - 20-205.18



20-214.17



20-215.17

Ruskin-Rowland  
17 cm, 6 3/4"  
20-214.17 - 20-215.17

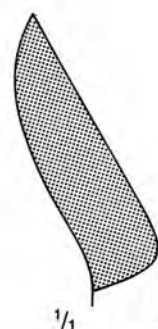
**HOHLMEISSEL- UND KNOCHENSPLITTERZANGEN  
BON RONGEURS — BONE CUTTING FORCEPS**



Stille-Liston  
Länge/  
length  
23 cm  
27 cm



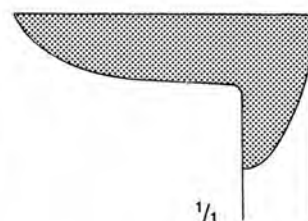
gerade/  
straight  
**20-206.23**  
**20-206.27**



gebogen/  
curved  
**20-207.23**  
**20-207.27**



Stille-Liston  
27 cm, 10 1/2"  
**20-208.26**





**HOHLMEISSEL- UND KNOCHENSPLITTERZANGEN**  
**BON RONGEURS — BONE CUTTING FORCEPS**



Liston-Key  
27 cm, 10 1/2"  
**20-209.27**



Semb  
24 cm, 9 1/2"  
**20-210.25**

**FLACHZANGEN - FLAT NOSE PLIERS**  
**FLACHZANGEN OHNE HARTMETALL - FLAT NOSE PLIERS**


**30-105.05 - 30-105.07**  
 18 cm, 7"



**30-105.05**



**30-105.07**

**Flachzangen mit Hartmetall – Flat Nose Pliers with TC-inserts**


**30-102.01 - 30-102.06**  
 18 cm, 7"



**30-102.01**



**30-102.03**



**30-102.05**



**30-102.06**

**DRAHT- UND BOLZENSCHNEIDER  
WIRE CUTTING — PLIES-PIN CUTTER**



**30-100.18**  
TC-Drahtschneidezange  
TC-Wire Cutting Pliers  
18 cm

für weichen Draht bis 2,0 mm  
for soft wire up to 2,0 mm

für harten Draht bis 1,7 mm  
for hard wire up to 1,7 mm



**30-101.22**  
TC-Drahtschneidezange  
TC-Wire Cutting Pliers  
22 cm

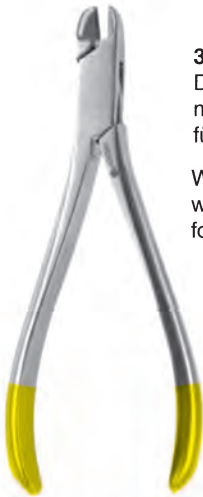
für weichen Draht bis 3,0 mm  
for soft wire up to 3,0 mm

für harten Draht bis 2,5 mm  
for hard wire up to 2,5 mm



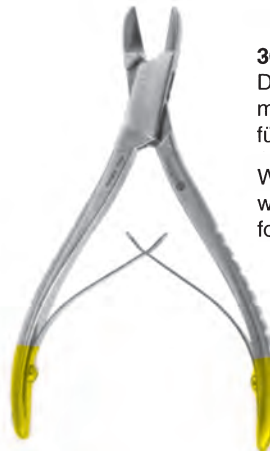
**30-103.18**  
TC-Kopf und Seitenschneider  
TC-Side and End Cutter  
18 cm

für harten Draht bis 1,7 mm  
for hard wire up to 1,7 mm

**DRAHT- UND BOLZENSCHNEIDER  
 WIRE CUTTING — PLIES-PIN CUTTER**


**30-119.14**  
 Drahtschneidezange 14 cm  
 mit Hartmetall  
 für harten Draht bis 0,6 mm Ø

Wire cutting pliers 14 cm  
 with Tungsten Carbide  
 for hard wire up to 0,6 mm diam.



**30-118.12**  
 Drahtschneidezange 12,5 cm  
 mit Hartmetall  
 für harten Draht bis 0,6 mm Ø

Wire cutting pliers 12,5 cm  
 with Tungsten Carbide  
 for hard wire up to 0,6 mm diam.



**30-121.18**  
 Platten- und Drahtschneidezange  
 18 cm, mit Hartmetall,  
 bis 1,7 mm Ø

Plate- and wire cutting pliers  
 18 cm, with Tungsten Carbide  
 up to 1,7 mm diam.

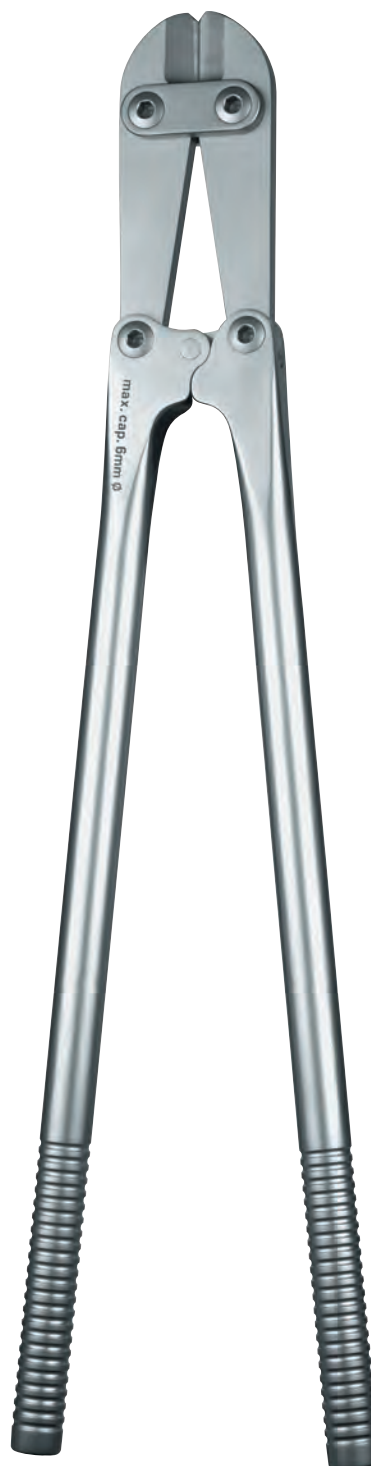
**DRAHT- UND BOLZENSCHNEIDER  
WIRE CUTTING — PLIES-PIN CUTTER**



**30-110.38** 38 cm

Bolzenschneider zum Abzwicken von  
Drähten, Schrauben und Nägeln bis zu 4,5 mm Ø

Cutter for cutting off wires, bolts, pins, up to 4.5 mm diam.



**30-110.50** 47 cm

**30-110.60** 54 cm

Bolzenschneider zum Abzwicken von  
Drähten, Schrauben und Nägeln bis zu 6 mm Ø

Cutter for cutting off wires, bolts, pins, up to 6 mm diam.

**DRAHT- UND BOLZENSCHNEIDER  
WIRE CUTTING — PLIES-PIN CUTTER**

**30-110.24**  
24 cm / 8 1/2"

Er schneidet mühelos:  
Drähte von 2 mm - 3,5 mm Durchmesser  
Platten von 2 mm Stärke.

Cutting easily:  
Wires from 2 mm to 3.5 mm diameter  
Plates with 2 mm thickness.



**30-090.18**  
18 cm / 7 1/4"





**HOHLMEISSEL- UND KNOCHENSPLITTERZANGEN**  
**BON RONGEURS — BONE CUTTING FORCEPS**