



SURGERY



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Gefäßchirurgie	Chirurgie vasculaire
Vascular surgery	Cirurgía vascular
	Chirurgia vascolare

Katalog  
*Catalogue*  
Catalogue  
*Catálogo*  
Catalogo

No. **115**



Kataloge  
*Catalogues*

Catalogues  
*Catálogos*  
Cataloghi

Endoskopie  
*Endoscopy*

Endoscopia  
*Endoscopia*  
Endoscopia



Geräte  
*Units*  
Appareils  
*Equipos*  
Apparecchi

**ENDOSCOPY** No. **205**




Sinuskopie  
*Sinuscopy*  
Sinuscopie  
*Sinuscopía*  
Sinuscopia

**ENDOSCOPY** No. **211**



Optiken  
*Scopes*  
Optiques  
*Ópticas*  
Ottiche

**ENDOSCOPY** No. **206**



Mini & Mikro System für MIC  
*Mini & micro system for MIS*  
Système mini & mikro pour MIC  
*Sistema mini y micro para MIC*  
Sistema mini e micro per MIC

**ENDOSCOPY** No. **213**



Laparoskopie  
*Laparoscopy*  
Laparoscopie  
*Laparoscopia*  
Laparoscopia

**ENDOSCOPY** No. **207**


Sterilisation  
*Sterilization*

Stérilisation  
*Esterilización*  
Sterilizzazione



Urologie  
*Urology*  
Urologie  
*Urología*  
Urologia

**ENDOSCOPY** No. **208**




Steril Container - System I  
*Sterile container - system I*  
Contenaires pour stérilisation - système I  
*Contenedores para esterilización - sistema I*  
Container per sterilizzazione - sistema I

**STERILIZATION** No. **302**



Gynäkologie  
*Gynaecology*  
Gynécologie  
*Ginecología*  
Ginecologia

**ENDOSCOPY** No. **209**



Steril Container - System II  
*Sterile container - system II*  
Contenaires pour stérilisation - système II  
*Contenedores para esterilización - sistema II*  
Container per sterilizzazione - sistema II

**STERILIZATION** No. **303**



Arthroskopie  
*Arthroscopy*  
Arthroscopie  
*Artroscopia*  
Artroscopia

**ENDOSCOPY** No. **210**

Kataloge  
Catalogues  
Catálogos  
Cataloghi


Chirurgie  
*Surgery*  
Chirurgie  
*Cirugía*  
Chirurgia

HNO  
*ENT*  
ORL  
*ORL*  
ORL



Hauptkatalog Chirurgie  
*Main catalogue surgery*  
Catalogue général  
*Catálogo general*  
Catalogo generale

**SURGERY** No. **111**



HNO Hauptkatalog  
*ENT main catalogue*  
ORL catalogue général  
*ORL catálogo general*  
ORL catalogo generale

**ENT** No. **501**



Plastische Chirurgie  
*Plastic surgery*  
Chirurgie plastique  
*Cirugía plástica*  
Chirurgia plastica

**SURGERY** No. **112**

Elektro Chirurgie  
*Electro surgery*  
Eléctrochirurgie  
*Electro-Cirugía*  
Elettrobisturi



Ophthalmologie  
*Ophthalmology*  
Ophtalmologie  
*Oftalmología*  
Oftalmologia

**SURGERY** No. **113**



Elektro Chirurgie  
*Electro surgery*  
Eléctrochirurgie  
*Electro-Cirugía*  
Elettrobisturi


**ENDOSCOPY** No. **212**



Traumatologie  
*Traumatology*  
Traumatologie  
*Traumatología*  
Traumatologia


**SURGERY** No. **114**

Dental  
*Dental*  
Dentaire  
*Dental*  
Dentale



Retraktor Systeme  
*Retractor systems*  
Systèmes des écarteurs  
*Sistema de retractores*  
Sistemi di retrattori

**SURGERY** No. **133**



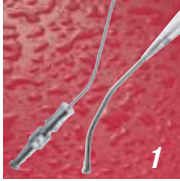
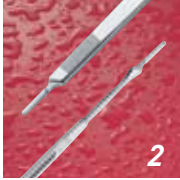

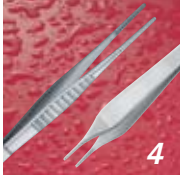
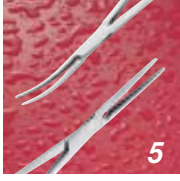

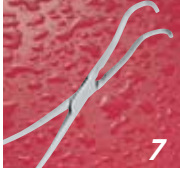
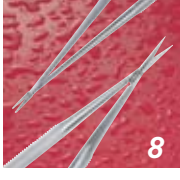
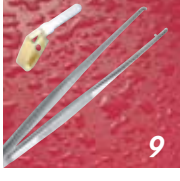

Dental  
*Dental*  
Dentaire  
*Dental*  
Dentale

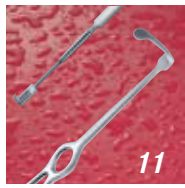
**DENTAL** No. **402**



Aneurismen Clips  
*Aneurysm clips*  
Clips pour anévrismes  
*Clips para aneurismas*  
Clips per aneurismi

**SURGERY** No. **134**

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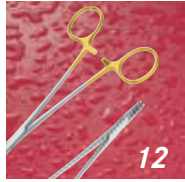


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**Wundhaken**  
*Retractors*

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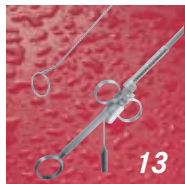


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**Nadelhalter**  
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*Porta-agujas*  
Porta aghi

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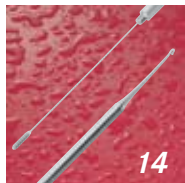


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*Tourniquet and vein strippers*

Tourniquet et tire-veines  
*Tourniquete y Fleboextractores*  
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*Juego de tunelización*  
Set per tunnelizzazione

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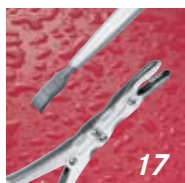


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*Perforadores para aorta*  
Perforatori per aorta

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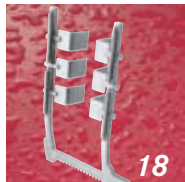


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**Knochen-Instrumentarium**  
*Bone instruments*

Instruments pour la chirurgie osseuse  
*Instrumental para la cirugía ósea*  
Strumenti per chirurgia ossea

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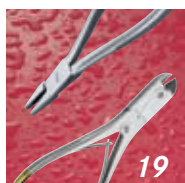


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**Rippensperrer**  
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*Separadores costales*  
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*Instrumental para cerclaje*  
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*Index*

Index  
*Indice*  
Indice

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Saugrohre  
Suction tubes

Canules d'aspiration  
Tubos de aspiración  
Tubi per aspirazione



POOLE		220 mm - 8"
8 mm Ø	23 Charr./Fr.	<b>tk 6308-22</b>



POOLE		220 mm - 8"
10 mm Ø	30 Charr./Fr.	<b>tk 6310-22</b>



ANDREWS-PYNCHON		235 mm - 9 1/4"
		<b>tk 6320-23</b>



DE BAKEY		275 mm - 10 3/4"
		<b>tk 6325-27</b>



tk 6350-02		
YANKAUER		270 mm - 10 3/4"
		<b>tk 6350-27</b>



**Saugrohre**  
**Suction tubes**

Canules d'aspiration  
Tubos de aspiración  
Tubi per aspirazione



**COOLEY**

1:3

	8 mm Ø
350 mm - 13 3/4"	<b>tk 6291-35</b>



1:3

	10 mm Ø
310 mm - 12 1/4"	<b>tk 6292-31</b>



1:3

	6 mm Ø
300 mm - 12"	<b>tk 6293-30</b>



1:3

	8 mm Ø
330 mm - 13"	<b>tk 6294-33</b>

Saugrohre  
Suction tubes

Canules d'aspiration  
Tubos de aspiración  
Tubi per aspirazione



1:2

HAMMERSMITH

x=	y=		295 mm - 11½"
9.5 mm	50 mm	Adult	<b>tk 6295-01</b>
8.0 mm	40 mm	Child	<b>tk 6295-02</b>
5.5 mm	25 mm	Infant	<b>tk 6295-03</b>



1:2

SOUTHAMPTON

180 mm - 8"
<b>tk 6296-00</b>

**Saugrohre**  
**Suction tubes**

Canules d'aspiration  
*Tubos de aspiración*  
Tubi per aspirazione



**FRAZIER**

		170 mm - 6 <sup>3</sup> / <sub>4</sub> "
2 mm Ø	6 Charr./Fr.	<b>tk 25230-06</b>
2 <sup>1</sup> / <sub>3</sub> mm Ø	7 Charr./Fr.	<b>tk 25230-07</b>
2 <sup>2</sup> / <sub>3</sub> mm Ø	8 Charr./Fr.	<b>tk 25230-08</b>
3 mm Ø	9 Charr./Fr.	<b>tk 25230-09</b>
3 <sup>1</sup> / <sub>3</sub> mm Ø	10 Charr./Fr.	<b>tk 25230-10</b>
4 mm Ø	12 Charr./Fr.	<b>tk 25230-12</b>
5 mm Ø	15 Charr./Fr.	<b>tk 25230-15</b>

1:2



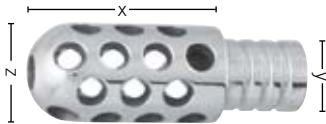
**FERGUSSON**

		170 mm - 6 <sup>3</sup> / <sub>4</sub> "
2 mm Ø	6 Charr./Fr.	<b>tk 25228-06</b>
2 <sup>1</sup> / <sub>3</sub> mm Ø	7 Charr./Fr.	<b>tk 25228-07</b>
2 <sup>2</sup> / <sub>3</sub> mm Ø	8 Charr./Fr.	<b>tk 25228-08</b>
3 mm Ø	9 Charr./Fr.	<b>tk 25228-09</b>
3 <sup>1</sup> / <sub>3</sub> mm Ø	10 Charr./Fr.	<b>tk 25228-10</b>
4 mm Ø	12 Charr./Fr.	<b>tk 25228-12</b>
5 mm Ø	15 Charr./Fr.	<b>tk 25228-15</b>

1:2

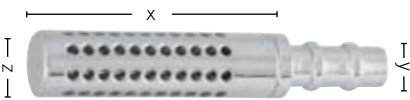
Absaugaufsätze  
Profusion vents

Raccords d'aspiration  
Terminales para aspiración  
Terminali per aspirazione



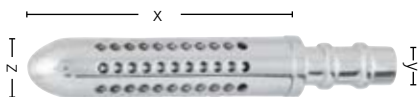
ROSS - ATRIAL BASKET

x=	y=	z=	
29 mm	12 mm	19 mm	<b>tk 6251-01</b>
29 mm	9 mm	15 mm	<b>tk 6251-02</b>
19 mm	9 mm	15 mm	<b>tk 6251-03</b>
16 mm	6 mm	12 mm	<b>tk 6251-04</b>



ROSS - SUMP SUCKER

	x=	y=	z=	
Adult	30 mm	5 mm	7.5 mm	<b>tk 6252-01</b>
Child	20 mm	5 mm	6.5 mm	<b>tk 6252-02</b>
Infant	15 mm	3 mm	5.0 mm	<b>tk 6252-03</b>



ROSS - VENTRICULAR VENT

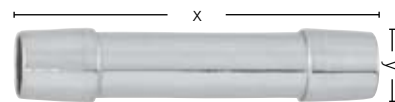
	x=	y=	z=	
Adult	35 mm	5 mm	7.5 mm	<b>tk 6253-01</b>
Child	25 mm	5 mm	6.5 mm	<b>tk 6253-02</b>
Infant	16 mm	3 mm	5.0 mm	<b>tk 6253-03</b>



x=	y=	z=	
12 mm	6 mm	6 mm	<b>tk 6254-01</b>
12 mm	8 mm	8 mm	<b>tk 6254-02</b>
12 mm	9 mm	9 mm	<b>tk 6254-03</b>

Y-Verbindungstück für Herz-Lungen-Maschinen  
Y-connector for heart- lung machines

Connecteur en Y pour des coeur-poumons artificial  
Connexión en Y para corazón-pulmónes artificiales  
Connettore a Y per cuore-polmone artificiale



x=	y=	
54 mm	12 mm	<b>tk 6255-01</b>
54 mm	9 mm	<b>tk 6255-02</b>
38 mm	6 mm	<b>tk 6255-03</b>
38 mm	5 mm	<b>tk 6255-04</b>

Gerades Verbindungstück für Herz-Lungen-Maschinen  
Straight connector for heart- lung machines

Connecteur droit pour des coeur-poumons artificial  
Connexión recta para corazón-pulmónes artificiales  
Connettore retto per cuore-polmone artificiale

**Skalpellgriffe**  
*Scalpel handles*

Manches pour bistouri  
*Mangos de bisturí*  
Manici per bisturi



Für Klagen Fig. 18 - 25  
*For blades Fig. 18 - 25*  
Pour lames Fig. 18 - 25  
*Para hojas Fig. 18 - 25*  
Per lame Fig. 18 - 25

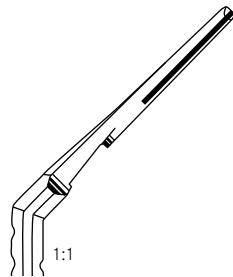


Fig. 4 L

**tk 7102-04**

**abgewinkelt**  
*angled on flat*  
coudé sur le plat  
*angulado*  
angolato



**STANDARD**

Fig. 4

**tk 7100-04**



Fig. 4 L

**tk 7101-04**



**COLLIN**

Fig. 8

**tk 7105-08**

**hohl**  
*hollow*  
creux  
*hueco*  
cavo



**BARRON**

Fig. 3

**tk 7113-03**

Skalpellsgriffe  
Scalpel handles

Manches pour bistouri  
Mangos de bisturí  
Manici per bisturi

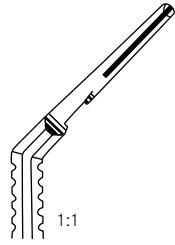


Fig. 3 L

**tk 7112-03**

abgewinkelt  
angled on flat  
coudé sur le plat  
angulado  
angolato



Für Klingen Fig. 10 - 15  
For blades Fig. 10 - 15  
Pour lames Fig. 10 - 15  
Para hojas Fig. 10 - 15  
Per lame Fig. 10 - 15



Fig. 3  
**tk 7110-03**



Fig. 3 L  
**tk 7111-03**



Fig. 7K  
**tk 7110-71**



Fig. 7  
**tk 7110-07**



Fig. 3 grad.  
**tk 7113-05**

graduirt  
graduated  
gradué  
graduado  
graduato



Fig. 3 R  
**tk 7115-03**



Fig. 3 RG  
**tk 7116-03**

**Skalpellklingen**  
**Scalpel blades**

Lames de bistouris  
Hojas de bisturí  
Lame per bisturi



Packung mit 100 Stück  
Package of 100 pieces  
Paquet de 100 pièces  
Paquetes de 100 piezas  
Confezione da 100 pezzi



Die abgebildeten Klingen sind steril  
The blades on this page are sterile  
Les lames de cette page sont stériles  
Las hojas de esta página son estériles  
Le lame illustrate sono sterili

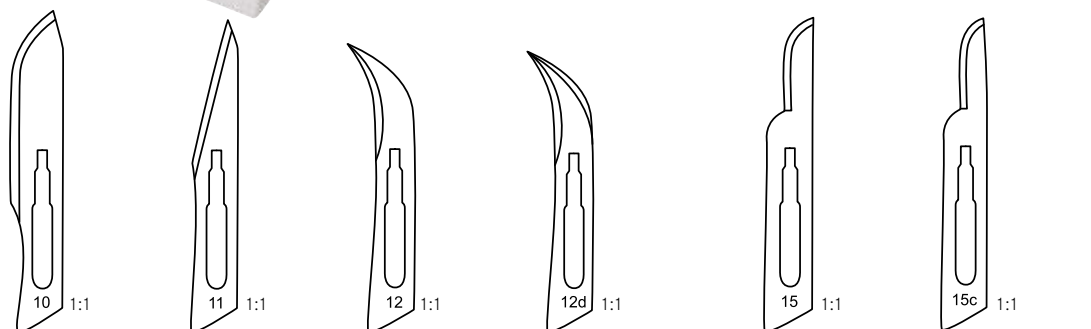


Fig. 10	Fig. 11	Fig. 12	Fig. 12d	Fig. 15	Fig. 15c
<b>tk 7210-10T</b>	<b>tk 7210-11T</b>	<b>tk 7210-12T</b>	<b>tk 7210-12DT</b>	<b>tk 7210-15T</b>	<b>tk 7210-15CT</b>

doppelschneidend  
double cutting edge  
double tranchante  
corta doble  
a doppio taglio

passend für Griffe: tk 7110-03, tk 7111-03, tk 7110-07, tk 7110-71, tk 7112-03, tk 7113-03, tk 7115-03, tk 7116-03  
for handles: tk 7110-03, tk 7111-03, tk 7110-07, tk 7110-71, tk 7112-03, tk 7113-03, tk 7115-03, tk 7116-03  
pour manches: tk 7110-03, tk 7111-03, tk 7110-07, tk 7110-71, tk 7112-03, tk 7113-03, tk 7115-03, tk 7116-03  
para mangos: tk 7110-03, tk 7111-03, tk 7110-07, tk 7110-71, tk 7112-03, tk 7113-03, tk 7115-03, tk 7116-03  
per manici: tk 7110-03, tk 7111-03, tk 7110-07, tk 7110-71, tk 7112-03, tk 7113-03, tk 7115-03, tk 7116-03

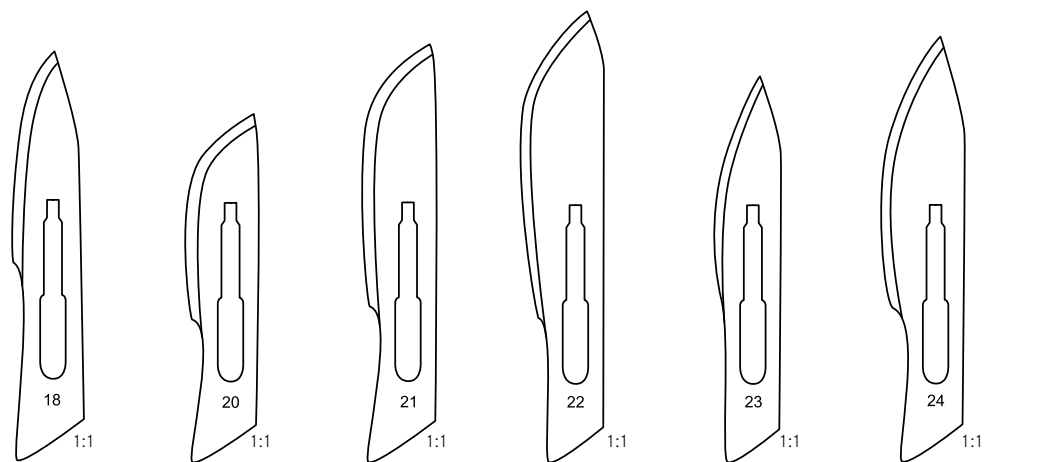


Fig. 18	Fig. 20	Fig. 21	Fig. 22	Fig. 23	Fig. 24
<b>tk 7210-18T</b>	<b>tk 7210-20T</b>	<b>tk 7210-21T</b>	<b>tk 7210-22T</b>	<b>tk 7210-23T</b>	<b>tk 7210-24T</b>

passend für Griffe: tk 7100-04, tk 7101-04, tk 7102-04, tk 7105-08  
for handles: tk 7100-04, tk 7101-04, tk 7102-04, tk 7105-08  
pour manches: tk 7100-04, tk 7101-04, tk 7102-04, tk 7105-08  
para mangos: tk 7100-04, tk 7101-04, tk 7102-04, tk 7105-08  
per manici: tk 7100-04, tk 7101-04, tk 7102-04, tk 7105-08

Mikro-Klingenhalter – Mikro-Klingen  
*Micro-blade holder – Micro-blades*

Porte micro-lames – Micro-lames  
*Porta para micro-hojas – Micro-hojas*  
 Porta micro-lame – Micro-lame



1:1

135 mm – 5¼"

**tk 7120-13**

**TITAN**



1:1

Fig. 3

**tk 7121-03**



1:1

Fig. 4

**tk 7121-04**



1:1

Fig. 7

**tk 7121-07**



1:1

Fig. 9

**tk 7121-09**

Mikro-Klingen – Packung mit 25 Stück

*Micro-blades – package of 25 pieces*

Micro-lames – paquet de 25 pièces

*Micro-hojas – paquete de 25 piezas*

Micro-lame – confezione da 25 pezzi



Die abgebildeten Klingen sind steril.

*The blades on this page are sterile.*

Les lames de cette page sont stériles.

*Las hojas de esta página son estériles.*

Le lame illustrate sono sterili.



# PRIMUSLINE

Scheren  
Scissors

Ciseaux  
Tijeras  
Forbici

TEKNO **PRIMUSLINE** Scheren sind Scheren von höchster Qualität. Sowohl die Bearbeitung der TEKNO **PRIMUSLINE** Scheren wie auch der Schliff der Schneide werden ausschließlich auf modernsten CNC Maschinen durchgeführt. Diese modernen Fertigungsverfahren erlauben höchste Maßgenauigkeit. Die Präzision der Schnittfläche und des Schraubenschlusses ermöglichen einen optimalen, lang anhaltenden Schnitt und Gang. Die Oberfläche der Branchen ist blendfrei gehalten um ein störungsfreies Arbeiten zu garantieren.

*TEKNO **PRIMUSLINE** scissors are surgical scissors of highest quality. The processing of the TEKNO **PRIMUSLINE** scissors, as well as the sharpening of the blades is done on advanced numeric controlled machines. These contemporary production methods allow the highest accuracy of measurements. The precision of the blades and the lock stand for a superior cutting quality. The non-reflective surface of the handles guarantees an interference free working*

TEKNO **PRIMUSLINE** ciseaux sont des instruments chirurgicaux de qualité supérieure. L'usinage des ciseaux TEKNO **PRIMUSLINE** et le tranchant des lames sont exécutés sur des centres de contrôle numérique les plus modernes. Ces procédés de fabrication innovatifs offrent le plus haut degré d'exactitude. La précision du coupe des lame et du raccord vissé permettent une qualité de coupe excellente. Le surface anti-éblouissante des branches garantit un travail sans perturbations.

*TEKNO **PRIMUSLINE** tijeras son instrumentos quirurgicos de alta calidad. La producción de las tijeras TEKNO **PRIMUSLINE** y también la afiladura de las hojas son realizados con máquinas modernas de control numérico. Estes procedimientos de fabricación de generación moderna garantizan el grado mas alto de exactitud. La alta precisión del filo de las hojas y del cierre permiten una calidad de corte exelente. La superficie antideslumbrante de los mangos garantiza un trabajo sin perturbaciones.*

Le forbici TEKNO **PRIMUSLINE** sono forbici chirurgiche di altissima qualità. Tutta la lavorazione della forbici TEKNO **PRIMUSLINE** nonché anche l'affilatura vengono eseguite esclusivamente su macchine numeriche modernissime. Questi processi di produzione garantiscono misure esatte. La precisione della superficie di taglio e funzionamento ottimale per lungo tempo. Le superficie non riflettente dell'impugnatura permettono un lavoro senza disturbi di luce.



Technische Informationen  
*Technical information*

Information technique  
*Información técnica*  
Informazione tecnica

# PRIMUSLINE

## Standard Cut

Hochwertige Scheren mit Standardschliff

*High performance scissors with standard cutting edges*

Ciseaux de haute qualité avec coupe standard

*Tijeras de alta calidad con afiladura estándar*

Forbici di altissima qualità con filettatura standard



## SuperCut

Osteotomschliff und Mikroverzahnung

Präzisere Präparation und minimal traumatisierender Schnitt

*Osteotom edges and micro serration*

*Precise dissection and minimal traumatizing cut*

Coupe ostéotome et dentelure micro

Dissection précise et minimal traumatique

*Corte osteotomo y dentado micro*

*Dissección precisa mínima traumática*

Affilatura a forma di osteotomo e dentellatura micro

Dissezione precisa e taglio minimamente traumatizzante



## TC Cut

Eingeschweisste Hartmetallschneiden mit Standardschliff

Lange Schnitthaltigkeit

*Welded tungsten-carbide cutting edges*

*Long lasting cutting ability*

Plaques en carbure de tungstène soudées dans les lames

Qualité de coupe continue

*Placas de carburo de tungsteno soldadas en las hojas*

*Calidad de corte permanente*

Lame saldate al carburo di tungsteno con filettatura standard

Lunga durata di taglio



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# PRIMUSLINE

## TC SuperCut

Eingeschweisste Hartmetallschneiden, Osteotomschliff und Mikroverzahnung  
Lange Schnitthaltigkeit, präzisere Präparation und minimal traumatisierender Schnitt

*Welded tungsten-carbide cutting edges, osteotom edges and micro serration*

*Long lasting cutting ability, precise dissection and minimal traumatizing cut*

Plaques en carbure de tungstène, coupe ostéotome et dentelure micro  
Qualité de coupe continue, dissection précise et minimal traumatique

*Placas de carburo de tungsteno, corte osteotomo y dentado micro*  
*Calidad de corte permanente, dissección precisa mínima traumática*

Lame saldate al carburo di tungsteno con affilatura a forma di osteotomo e dentellatura micro  
Lunga durata di taglio, dissezione precisa e taglio minimamente traumatizzante



## Ceramic SuperCut

Eingeschweisste Hartmetallschneide mit Osteotomschliff und Mikroverzahnung, schwarze Keramikbeschichtung  
Lange Schnitthaltigkeit durch hohe Oberflächenhärte der Beschichtung, blendfreie Oberfläche, präzisere Präparation und minimal traumatisierender Schnitt

*Welded tungsten-carbide cutting edges with osteotom edges and micro serration, black ceramic coating*

*Long lasting cutting ability due to high surface hardness of the coating, anti-glaring surface, better vision, precise dissection and minimal traumatizing cut*

Plaques en carbure de tungstène, coupe ostéotome et dentelure micro, surface céramisée  
Qualité de coupe continue, dissection précise et minimal traumatique, surface anti-éblouissante

*Placas de carburo de tungsteno, corte osteotomo y dentado micro, superficie cerámica*  
*Calidad de corte permanente, dissección precisa mínima traumática, superficie antideslumbrante*

Lame saldate al carburo di tungsteno con affilatura a forma di osteotomo e dentellatura micro, rivestimento di ceramica.  
Lunga durata di taglio grazie all'alta durezza della superficie. Superficie antiriflesso, dissezione precisa e taglio minimamente traumatizzante



Scheren | Ciseaux  
 Scissors | Tijeras  
 Forbici

# PRIMUSLINE



**METZENBAUM**

STANDARD

140 mm - 5½"	tk 8323-14-A	tk 8333-14-A
150 mm - 6"		tk 8353-15-A
180 mm - 8"	tk 8343-18-A	tk 8353-18-A
200 mm - 8"	tk 8343-20-A	tk 8353-20-A
230 mm - 9"		tk 8353-23-A

SUPERCUT

140 mm - 5½"	tk 8323-14-B	tk 8333-14-B
150 mm - 6"		tk 8353-15-B
180 mm - 8"	tk 8343-18-B	tk 8353-18-B
200 mm - 8"	tk 8343-20-B	tk 8353-20-B
230 mm - 9"		tk 8353-23-B

TC CUT

140 mm - 5½"	tk 8323-14-C	tk 8333-14-C
180 mm - 8"	tk 8343-18-C	tk 8353-18-C
200 mm - 8"	tk 8343-20-C	tk 8353-20-C
230 mm - 9"		tk 8353-23-C

CERAMIC SUPERCUT

140 mm - 5½"	tk 8323-14-E	tk 8333-14-E
180 mm - 8"	tk 8343-18-E	tk 8353-18-E
200 mm - 8"	tk 8343-20-E	tk 8353-20-E
230 mm - 9"		tk 8353-23-E
250 mm - 9¾"		tk 8353-25-E

Scheren | Ciseaux  
 Scissors | Tijeras  
 Forbici

# PRIMUSLINE



1:1

## METZENBAUM FINO



<input type="checkbox"/> STANDARD	
140 mm - 5½"	<b>tk 8373-14-A</b>
180 mm - 8"	<b>tk 8381-18-A</b>
200 mm - 8"	<b>tk 8381-20-A</b>
<input checked="" type="checkbox"/> SUPERCUT	
140 mm - 5½"	<b>tk 8373-14-B</b>
180 mm - 8"	<b>tk 8381-18-B</b>
200 mm - 8"	<b>tk 8381-20-B</b>
<input checked="" type="checkbox"/> TC CUT	
140 mm - 5½"	<b>tk 8373-14-C</b>
180 mm - 8"	<b>tk 8381-18-C</b>
200 mm - 8"	<b>tk 8381-20-C</b>
<input checked="" type="checkbox"/> TC SUPERCUT	
180 mm - 8"	<b>tk 8381-18-D</b>
<input checked="" type="checkbox"/> CERAMIC SUPERCUT	
140 mm - 5½"	<b>tk 8373-14-E</b>
180 mm - 8"	<b>tk 8381-18-E</b>
200 mm - 8"	<b>tk 8381-20-E</b>



1:2

## BABY METZENBAUM

<input type="checkbox"/> STANDARD	
115 mm - 4½"	<b>tk 8333-11-A</b>
<input checked="" type="checkbox"/> SUPERCUT	
115 mm - 4½"	<b>tk 8333-11-B</b>
<input checked="" type="checkbox"/> TC CUT	
115 mm - 4½"	<b>tk 8333-11-C</b>
<input checked="" type="checkbox"/> TC SUPERCUT	
115 mm - 4½"	<b>tk 8333-11-D</b>
<input checked="" type="checkbox"/> CERAMIC SUPERCUT	
115 mm - 4½"	<b>tk 8333-11-E</b>



1:1

Scheren | Ciseaux  
 Scissors | Tijeras  
 Forbici

# PRIMUSLINE



**LEXER**

<input type="checkbox"/>	STANDARD	
	160 mm - 6¼"	<b>tk 8123-16-A</b>
<input checked="" type="checkbox"/>	SUPERCUT	
	160 mm - 6¼"	<b>tk 8123-16-B</b>
<input checked="" type="checkbox"/>	TC CUT	
	160 mm - 6¼"	<b>tk 8123-16-C</b>
<input checked="" type="checkbox"/>	TC SUPERCUT	
	160 mm - 6¼"	<b>tk 8123-16-D</b>
<input checked="" type="checkbox"/>	CERAMIC SUPERCUT	
	160 mm - 6¼"	<b>tk 8123-16-E</b>



**MAYO LEXER**

<input checked="" type="checkbox"/>	TC CUT	
	165 mm - 6½"	<b>tk 8125-16-C</b>
<input checked="" type="checkbox"/>	TC SUPERCUT	
	165 mm - 6½"	<b>tk 8125-16-D</b>
<input checked="" type="checkbox"/>	CERAMIC SUPERCUT	
	165 mm - 6½"	<b>tk 8125-16-E</b>

Scheren | Ciseaux  
 Scissors | Tijeras  
 Forbici

# PRIMUSLINE



1:2



1:1

**MAYO STILLE**

<input type="checkbox"/> STANDARD	
170 mm - 6¾"	<b>tk 8283-17-A</b>
<input checked="" type="checkbox"/> SUPERCUT	
170 mm - 6¾"	<b>tk 8283-17-B</b>
<input checked="" type="checkbox"/> TC CUT	
170 mm - 6¾"	<b>tk 8283-17-C</b>
<input checked="" type="checkbox"/> TC SUPERCUT	
170 mm - 6¾"	<b>tk 8283-17-D</b>
<input checked="" type="checkbox"/> CERAMIC SUPERCUT	
170 mm - 6¾"	<b>tk 8283-17-E</b>



1:1

**REYNOLDS**

<input type="checkbox"/> STANDARD	
140 mm - 5½"	<b>tk 8603-14-A</b>
160 mm - 6¼"	<b>tk 8603-16-A</b>
<input checked="" type="checkbox"/> CERAMIC SUPERCUT	
160 mm - 6¼"	<b>tk 8603-16-E</b>

Scheren  
Scissors

Ciseaux  
Tijeras  
Forbici

# PRIMUSLINE



1:2



1:1

## JOSEPH

<input type="checkbox"/> STANDARD	
150 mm - 6"	<b>tk 8693-14-A</b>
<input checked="" type="checkbox"/> SUPERCUT	
150 mm - 6"	<b>tk 8693-14-B</b>



1:2



1:1

## KELLY

<input type="checkbox"/> STANDARD	
160 mm - 6¼"	<b>tk 8463-16-A</b>
<input checked="" type="checkbox"/> SUPERCUT	
160 mm - 6¼"	<b>tk 8463-16-B</b>
<input checked="" type="checkbox"/> TC CUT	
160 mm - 6¼"	<b>tk 8463-16-C</b>
<input checked="" type="checkbox"/> TC SUPERCUT	
160 mm - 6¼"	<b>tk 8463-16-D</b>
<input checked="" type="checkbox"/> CERAMIC SUPERCUT	
160 mm - 6¼"	<b>tk 8463-16-E</b>



Scheren | Ciseaux  
 Scissors | Tijeras  
 | Forbici

# PRIMUSLINE



1:2



1:1

**STEVENS**

<input type="checkbox"/> STANDARD	
130 mm - 5"	<b>tk 8463-13-A</b>
<input checked="" type="checkbox"/> SUPERCUT	
130 mm - 5"	<b>tk 8463-13-B</b>

stumpf, gebogen  
*blunt, curved*  
 mousses, courbes  
*roma, curva*  
 smusse, curve



1:2



1:1

**IRIS**

<input checked="" type="checkbox"/> SUPERCUT	
115 mm - 4½"	<b>tk 9434-11-B</b>
<input checked="" type="checkbox"/> TC SUPERCUT	
115 mm - 4½"	<b>tk 9434-11-C</b>

spitz, gebogen  
*sharp, curved*  
 pointue, courbes  
*aguda, curva*  
 acuta, curve

# SUPERCUT<sup>TK</sup>

## SuperCut Scheren (SU) SuperCut scissors (SU)

---

Ciseaux SuperCut (SU)  
SuperCut tijeras (SU)  
Forbici con taglio SuperCut (SU)



Ein äußerst scharfer Osteotomschliff am oberen Scherenblatt gewährt das leichte Abscheren des Gewebes. Das zweite Scherenblatt ist leicht gezahnt, um das Abrutschen des Gewebes zu vermeiden. SuperCut-Scheren sind an einem goldenen Ring zu erkennen. Auf Wunsch kann jedes andere Modell in SuperCut geliefert werden. Auf Wunsch können SuperCut Scheren auch ohne Zahnung geliefert werden.

*An extremely sharp osteotome cut on the upper blade guarantees easy and precise cutting of the tissue. The other blade is slightly serrated for fixing the tissue. SuperCut scissors are indicated by one golden ring. Any other tekno scissors can be supplied as tekno SuperCut upon request. SuperCut scissors can be supplied upon request without serration.*

L'aiguisage extrêmement coupante «osteotome» de la lame supérieure, garantit une coupure facile et précise du tissu. La deuxième lame est légèrement dentelée pour tenir le tissu. Ciseaux SuperCut peuvent être identifiées à une bague d'orée. Tous les autres ciseaux peuvent être fournis en version SuperCut sur demande. Les ciseaux SuperCut peuvent être fournis également non dentelés sur demande.

*A través de un filo de "osteotomo" extremo agudo de una hoja es posible cortar facilmente precisamente el tejido. La segunda hoja tiene dientes muy suaves para evitar que se desliza el tejido. Las tijeras SuperCut se reconocen de un anillo dorado. Todas las otras tijeras pueden ser producidos en SuperCut segun demanda. Las tijeras SuperCut pueden ser producidos también sin dientes segun demanda.*

La affilatura speciale della lama superiore a forma di osteotomo da' un taglio estremamente facile e preciso. Una leggera dentatura sulla seconda lama evita che il tessuto scivoli. Per distinguersi dalle altre forbici, le forbici SuperCut hanno un anello dorato. Se richiesto le forbici SuperCut si forniscono pure senza la zigrinatura su una lama. Se richiesto ogni altro modello di forbici può essere fornito con taglio SuperCut.

**Technische Informationen**  
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140 mm - 5½"	<b>tk 8198-14</b>	<b>tk 9198-14</b>
140 mm - 5½"	<b>tk 8198-14 SU</b>	<b>tk 9198-14 SU</b>
140 mm - 5½"	<b>tk 8193-14 TC</b>	<b>tk 9193-14 TC</b>
140 mm - 5½"	<b>tk 8197-14 SU TC</b>	<b>tk 9197-14 SU TC</b>

gerade  
*straight*

droits  
*recta*

rette

gebogen  
*curved*

courbes

*curva*

curve



**standard**

Scheren aus rostfreiem Stahl mit Standardschliff für präzises Arbeiten.  
*Stainless steel scissors with standard cut for precise working.*

Ciseaux de acier inoxydable avec coupe standard pour des travaux précis.

*Tijeras de acero inoxidable con corte standard para un trabajo preciso.*

Forbici di acciaio inossidabile con filatura Standard per tagli precisi.



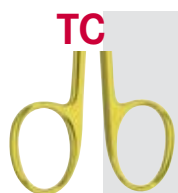
**super cut**

Messerschliff und Mikroverzahnung für einen feinen minimal traumatisierenden Schnitt.  
*Knife edges and micro serration for a fine and minimally traumatizing cut.*

Aiguisement tranchante et dents micro pour une coupe fine, peu traumatisante.

*Hoja de bisturi y dentadura micro para un corte fino, mínimo traumatizante.*

Affilatura a scalpello e dentellatura micro per uno taglio fine, minimo traumatizzante.



**tungsten carbide**

Nahtlos aufgeschweisste, korrosionsfreie Hartmetallschneiden.

*Seamless welded, corrosion-free tungsten carbide cutting edges.*

Plaques en carbure de tungstène, non-corrosives, soudées homogènement dans les lames.

*Placas de carburo de tungsteno soldadas homogéneamente y anticorrosiva en las hojas.*

Congiunzione omogenea senza cordolo lame saldate al carburo di tungsteno.



**super cut**

Nahtlos aufgeschweisste Hartmetallschneide mit Messerschliff und Mikroverzahnung

*Corrosion-free tungsten carbide plates, seamlessly welded into the jaws. Knife edges and micro serration.*

Plaques en carbure de tungstène, soudées homogènement das les lames. Aiguisement trachante et dents micro.

*Placas de caburo de tungsteno soldadas homogéneamente y en las hojas. Hojas de bisturi y dentura micro.*

"Tungston carbide" lame con taglio "super cut".

Gefäßscheren  
*Vascular scissors*

Ciseaux vasculaires  
*Tijeras vasculares*  
Forbici vascolari



145 mm - 5 $\frac{3}{4}$ "  
**tk 8722-14**

1 Blatt mit Sondenspitze  
*1 Blade with probe*  
1 Lame avec sonde  
*1 Punta forma sonda*  
1 Lama con sonda



LINCOLN

170 mm - 6 $\frac{3}{4}$ "



1:2

**tk 8724-17**



1:2

**tk 8725-17**



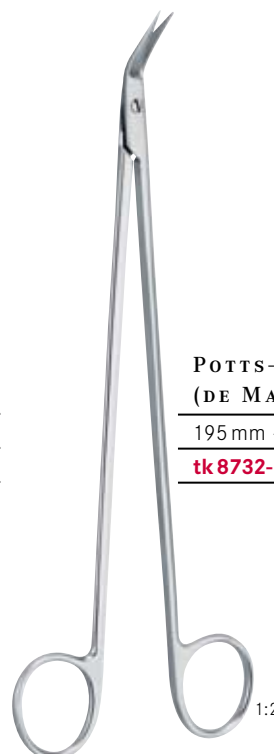
115 mm - 4 $\frac{1}{2}$ "  
**tk 8727-11**



FULTON

170 mm - 6 $\frac{3}{4}$ "

**tk 8730-17**



POTTS-SMITH  
(DE MARTEL)

195 mm - 7 $\frac{3}{4}$ "

**tk 8732-19**

**Gefäßscheren**  
**Vascular scissors**

Ciseaux vasculaires  
*Tijeras vasculares*  
Forbici vascolari

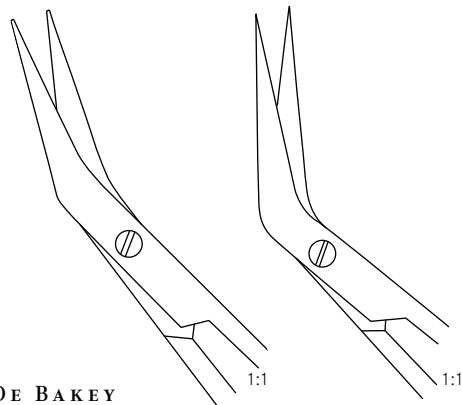



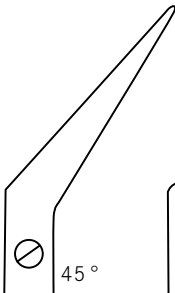
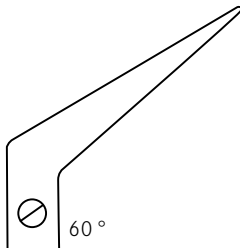
**FAVALORO**  
150 mm - 6"  
**tk 8740-15**



**DE BAKEY**  
155 mm - 6" **tk 8741-15** | **tk 8742-15**

Offset-Schere, S-förmig  
*Offset scissors, s-shaped*  
Ciseaux offset, courbes en S  
*Tijera offset, curva en S*  
Forbici offset, curve a forma di S



<b>DE BAKEY</b>	 25°	 45°	 60°
160 mm - 6¼"	<b>tk 8745-16</b>	<b>tk 8746-16</b>	<b>tk 8747-16</b>
230 mm - 9"	<b>tk 8745-23</b>	<b>tk 8746-23</b>	<b>tk 8747-23</b>
280 mm - 11"	<b>tk 8745-28</b>	<b>tk 8746-28</b>	<b>tk 8747-28</b>



**MILLS**  
225 mm - 8¾"  
**tk 8744-22**

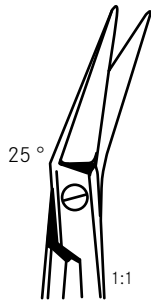
Gefäßscheren  
Vascular scissors

Ciseaux vasculaires  
Tijeras vasculares  
Forbici vascolari

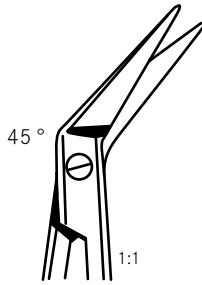


POTTS-DE  
MARTEL

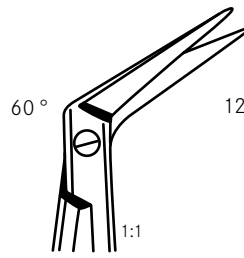
190 mm - 7 1/2"



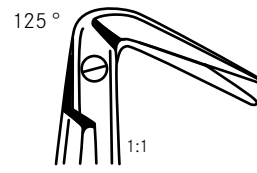
tk 8771-25



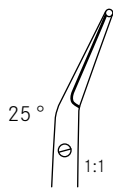
tk 8771-45



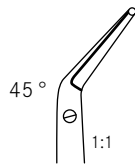
tk 8771-60



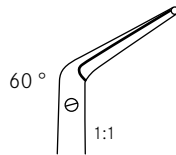
tk 8771-12



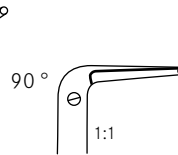
tk 8772-25



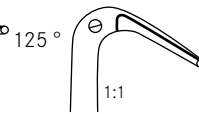
tk 8772-45



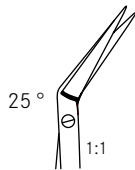
tk 8772-60



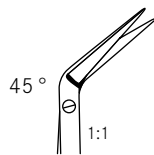
tk 8772-90



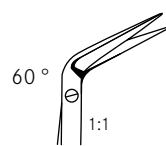
tk 8772-12



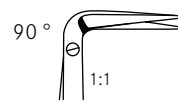
tk 8774-25



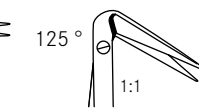
tk 8774-45



tk 8774-60



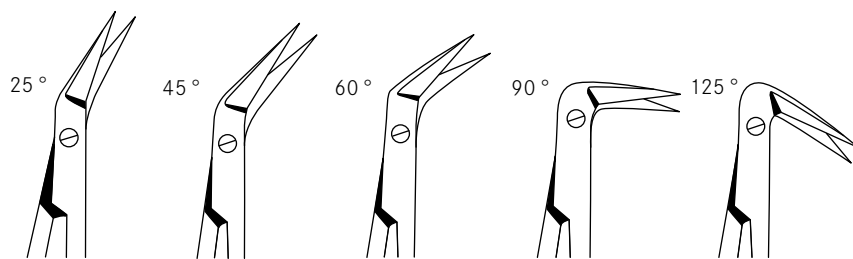
tk 8774-90



tk 8774-12

**Gefäßscheren**  
**Vascular scissors**

Ciseaux vasculaires  
*Tijeras vasculares*  
Forbici vascolari

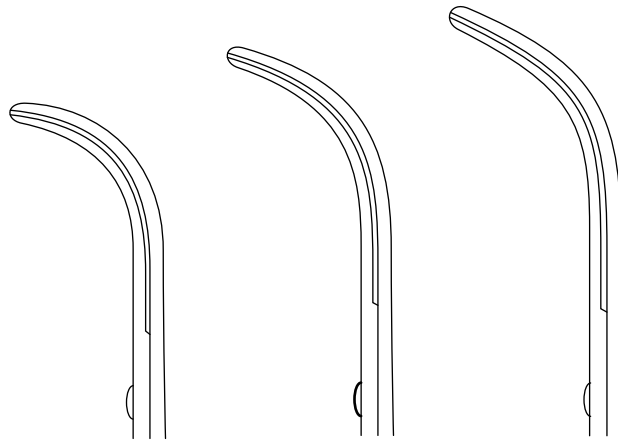


**DIETRICH-  
HEGEMANN**

145 mm - 5 <sup>3</sup> / <sub>4</sub> "	<b>tk 8754-14</b>	<b>tk 8755-14</b>	<b>tk 8756-14</b>	<b>tk 8757-14</b>	<b>tk 8758-14</b>
160 mm - 6 <sup>1</sup> / <sub>4</sub> "	<b>tk 8754-16</b>	<b>tk 8755-16</b>	<b>tk 8756-16</b>	<b>tk 8757-16</b>	<b>tk 8758-16</b>
190 mm - 7 <sup>1</sup> / <sub>2</sub> "	<b>tk 8754-19</b>	<b>tk 8755-19</b>	<b>tk 8756-19</b>	<b>tk 8757-19</b>	<b>tk 8758-19</b>

Gefäßscheren  
*Vascular scissors*

Ciseaux vasculaires  
*Tijeras vasculares*  
Forbici vascolari



**HOHENFELLNER**

195 mm - 8 $\frac{3}{4}$ "	225 mm - 8 $\frac{3}{4}$ "	250 mm - 9 $\frac{3}{4}$ "
<b>tk 8728-18</b>	<b>tk 8728-21</b>	<b>tk 8728-24</b>

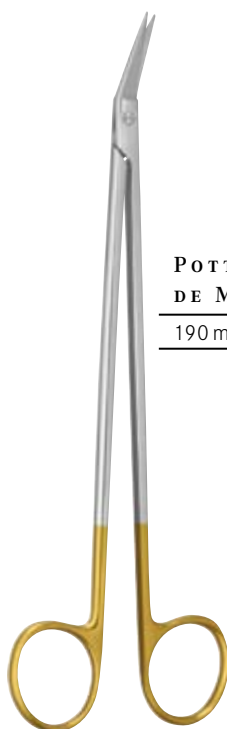


**Gefäßscheren**  
**Vascular scissors**

Ciseaux vasculaires  
*Tijeras vasculares*  
Forbici vascolari



DE BAKEY	25°	45°	60°
	160 mm - 6 1/4"	<b>tk 8775-16</b>	<b>tk 8776-16</b>
230 mm - 9"	<b>tk 8775-23</b>	<b>tk 8776-23</b>	<b>tk 8777-23</b>
280 mm - 11"	<b>tk 8775-28</b>	<b>tk 8776-28</b>	<b>tk 8777-28</b>



POTTS- DE MARTEL	25°	45°	60°
	190 mm - 7 1/2"	<b>tk 8773-25</b>	<b>tk 8773-45</b>

Lungenscheren  
Lobectomy scissors

Ciseaux à lobectomie  
Tijeras para lobectomia  
Forbici per lobectomia



CRAFOORD

300 mm - 12 "	<b>tk 8882-30</b>
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1:3



WILLAUER

250 mm - 9¾ "	<b>tk 8892-25</b>	<b>tk 8893-25</b>
280 mm - 11 "	<b>tk 8892-28</b>	<b>tk 8893-28</b>

gerade	gebogen
straight	curved
droits	courbes
recta	curva
rette	curve



FINOCHIETTO

270 mm - 10¾ "	<b>tk 8912-27</b>
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RESANO

250 mm - 10 "	<b>tk 8939-25</b>
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Knorpelscheren  
*Cartilage scissors*

Ciseaux pour cartilages  
*Tijeras para cartilagos*  
 Forbici per cartilagini



MARTIN-CARTILAGE

190 mm - 7½" tk 8747-19

gebogen, gezahnt  
*curved, saw edge*

courbes, dentelés  
*curva, dentada*  
 curve, dentate



MC INDOE

190 mm - 7½" tk 8752-19



POTTS-SMITH

190 mm - 7½" tk 8753-19

**Thoraxscheren**  
*Thorax scissors*

Ciseaux pour le thorax  
*Tijeras para el tórax*  
Forbici per torace



**SATINSKY**

245 mm - 9<sup>3</sup>/<sub>4</sub>"

**tk 8762-24**



**KLINKENBERG-LOTH**

230 mm - 9"

**tk 8767-23**



**JORGENSEN**

220 mm - 8<sup>3</sup>/<sub>4</sub>"

**tk 8769-22**

Sehnenscheren  
*Tenotomy scissors*

Ciseaux à ténatomie  
*Tijeras para tenotomía*  
 Forbici per tenotomia



WESTCOTT

110 mm - 4 1/4"



**tk 9352-11**

*spitz - spitz*  
*sharp - sharp*  
*pointue - pointue*  
*aguda - aguda*  
*acuta - acuta*



**tk 9357-11**

*stumpf - stumpf*  
*blunt - blunt*  
*mousse - mousse*  
*roma - roma*  
*smussa - smussa*

Tonsillenscheren  
*Tonsil scissors*

Ciseaux pour les amygdales  
*Tijera para amigdales*  
Forbici per tonsille

**TUCARTK**



TOENNIS-  
ADSON

170 mm - 6 $\frac{3}{4}$ "

**tk 9718-17 TC**

1:2



DEAN

170 mm - 6 $\frac{3}{4}$ "

**tk 8859-17 TC**

gebogen, gezahnt

*curved, saw edge*

curves, dentelés

*curvas, dentadas*

curve, dentate

1:2

Chirurgische Scheren  
*Operating scissors*

Ciseaux à chirurgie  
*Tijeras para cirugía*  
 Forbici per chirurgia



**MAYO**

145 mm - 5 $\frac{3}{4}$ "	<b>tk 8272-14</b>	<b>tk 8273-14</b>
150 mm - 6 $\frac{3}{4}$ "	<b>tk 8272-15</b>	<b>tk 8273-15</b>
170 mm - 6 $\frac{3}{4}$ "	<b>tk 8272-17</b>	<b>tk 8273-17</b>
230 mm - 9"	<b>tk 8272-23</b>	<b>tk 8273-23</b>
145 mm - 5 $\frac{3}{4}$ "	<b>tk 8272-14 SU</b>	<b>tk 8273-14 SU</b>
150 mm - 6 $\frac{3}{4}$ "	<b>tk 8272-15 SU</b>	<b>tk 8273-15 SU</b>
170 mm - 6 $\frac{3}{4}$ "	<b>tk 8272-17 SU</b>	<b>tk 8273-17 SU</b>
230 mm - 9"	<b>tk 8272-23 SU</b>	<b>tk 8273-23 SU</b>
145 mm - 5 $\frac{3}{4}$ "	<b>tk 8278-14 TC</b>	<b>tk 8279-14 TC</b>
170 mm - 6 $\frac{3}{4}$ "	<b>tk 8278-17 TC</b>	<b>tk 8279-17 TC</b>
230 mm - 9"	<b>tk 8278-23 TC</b>	<b>tk 8279-23 TC</b>

Chirurgische Scheren  
Operating scissors

Ciseaux à chirurgie  
Tijeras para cirugía  
Forbici per chirurgia



LEXER

160 mm - 6¼"	tk 8122-16	tk 8123-16
210 mm - 8¼"	tk 8122-21	tk 8123-21
160 mm - 6¼"	tk 8122-16 SU	tk 8123-16 SU
160 mm - 6¼"	tk 8138-16 TC	tk 8139-16 TC



KELLY

160 mm - 6¼"	tk 8462-16	tk 8463-16
180 mm - 7"	tk 8462-18	tk 8463-18

Fistel Scheren  
Fistula scissors

Ciseaux pour fistules  
Tijeras para fistulas  
Forbici per fistole

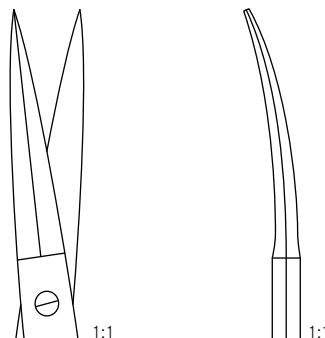


**Chirurgische Scheren**  
**Operating scissors**

Ciseaux à chirurgie  
Tijeras para cirugía  
Forbici per chirurgia



1:2



**PECK-JOSEF**

140 mm - 5½"	<b>tk 8198-14</b>	<b>tk 9198-14</b>
140 mm - 5½"	<b>tk 8198-14 SU</b>	<b>tk 9198-14 SU</b>
140 mm - 5½"	<b>tk 8193-14 TC</b>	<b>tk 9193-14 TC</b>
140 mm - 5½"	<b>tk 8197-14 SU TC</b>	<b>tk 9197-14 SU TC</b>



1:2



**BROPHY (SULLIVAN)**

145 mm - 5¾"	<b>tk 8572-14</b>	<b>tk 8573-14</b>
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Chirurgische Scheren – Präparierscheren  
*Operating scissors – Dissecting scissors*

Ciseaux à chirurgie – Ciseaux à dissection  
*Tijeras para cirugía – Tijeras de disección*  
 Forbici per chirurgia – Forbici per dissezione



**METZENBAUM-NELSON**

	Fig. 1	Fig. 2	Fig. 3
115 mm – 4½"	<b>tk 8323-11</b>		
145 mm – 5¾"	<b>tk 8323-14</b>	<b>tk 8324-14</b>	<b>tk 8325-14</b>
150 mm – 6"	<b>tk 8343-15</b>		
180 mm – 7"	<b>tk 8343-18</b>	<b>tk 8344-18</b>	<b>tk 8345-18</b>
200 mm – 8"	<b>tk 8343-20</b>	<b>tk 8344-20</b>	<b>tk 8345-20</b>
230 mm – 9"	<b>tk 8343-23</b>	<b>tk 8344-23</b>	<b>tk 8345-23</b>
250 mm – 9¾"	<b>tk 8343-25</b>	<b>tk 8344-25</b>	<b>tk 8345-25</b>
280 mm – 11"	<b>tk 8343-28</b>	<b>tk 8344-28</b>	<b>tk 8345-28</b>
300 mm – 12"	<b>tk 8343-30</b>	<b>tk 8344-30</b>	<b>tk 8345-30</b>
145 mm – 5¾"	<b>tk 8323-14 SU</b>		
180 mm – 7"	<b>tk 8343-18 SU</b>		
200 mm – 8"	<b>tk 8343-20 SU</b>		
230 mm – 9"	<b>tk 8343-23 SU</b>		
115 mm – 4½"	<b>tk 8327-11 TC</b>		
145 mm – 5¾"	<b>tk 8327-14 TC</b>	<b>tk 8328-14 TC</b>	<b>tk 8329-14 TC</b>
180 mm – 7"	<b>tk 8347-18 TC</b>	<b>tk 8348-18 TC</b>	<b>tk 8349-18 TC</b>
200 mm – 8"	<b>tk 8347-20 TC</b>	<b>tk 8348-20 TC</b>	<b>tk 8349-20 TC</b>
230 mm – 9"	<b>tk 8347-23 TC</b>	<b>tk 8348-23 TC</b>	<b>tk 8349-23 TC</b>
250 mm – 9¾"	<b>tk 8347-25 TC</b>		
280 mm – 11"	<b>tk 8347-28 TC</b>		
300 mm – 12"	<b>tk 8347-30 TC</b>		

Chirurgische Scheren – Präparierscheren  
*Operating scissors – Dissecting scissors*

Ciseaux à chirurgie – Ciseaux à dissection  
*Tijeras para cirugía – Tijeras de disección*  
 Forbici per chirurgia – Forbici per dissezione



**METZENBAUM-NELSON**

	Fig. 1	Fig. 2	Fig. 3
115 mm - 4½"	<b>tk 8333-11</b>		
145 mm - 5¾"	<b>tk 8333-14</b>	<b>tk 8334-14</b>	<b>tk 8335-14</b>
150 mm - 6"	<b>tk 8353-15</b>		
180 mm - 7"	<b>tk 8353-18</b>	<b>tk 8354-18</b>	<b>tk 8356-18</b>
200 mm - 8"	<b>tk 8353-20</b>	<b>tk 8354-20</b>	<b>tk 8356-20</b>
230 mm - 9"	<b>tk 8353-23</b>	<b>tk 8354-23</b>	<b>tk 8356-23</b>
250 mm - 9¾"	<b>tk 8353-25</b>	<b>tk 8354-25</b>	<b>tk 8356-25</b>
280 mm - 11"	<b>tk 8353-28</b>	<b>tk 8354-28</b>	<b>tk 8356-28</b>
300 mm - 12"	<b>tk 8353-30</b>	<b>tk 8354-30</b>	<b>tk 8356-30</b>
145 mm - 5¾"	<b>tk 8333-14 SU</b>		
180 mm - 7"	<b>tk 8353-18 SU</b>		
200 mm - 8"	<b>tk 8353-20 SU</b>		
230 mm - 9"	<b>tk 8353-23 SU</b>		
115 mm - 4½"	<b>tk 8337-11 TC</b>		
145 mm - 5¾"	<b>tk 8337-14 TC</b>	<b>tk 8338-14 TC</b>	<b>tk 8339-14 TC</b>
180 mm - 7"	<b>tk 8357-18 TC</b>	<b>tk 8358-18 TC</b>	<b>tk 8359-18 TC</b>
200 mm - 8"	<b>tk 8357-20 TC</b>	<b>tk 8358-20 TC</b>	<b>tk 8359-20 TC</b>
230 mm - 9"	<b>tk 8357-23 TC</b>	<b>tk 8358-23 TC</b>	<b>tk 8359-23 TC</b>
250 mm - 9¾"	<b>tk 8357-25 TC</b>		
280 mm - 11"	<b>tk 8357-28 TC</b>		
300 mm - 12"	<b>tk 8357-30 TC</b>		

Chirurgische Scheren – Präparierscheren  
*Operating scissors – Dissecting scissors*

Ciseaux à chirurgie – Ciseaux à dissection  
*Tijeras para cirugía – Tijeras de disección*  
 Forbici per chirurgia – Forbici per dissezione



**METZENBAUM-FINO**

	Fig. 1	Fig. 3	Fig. 1	Fig. 3
145 mm - 5¾"	<b>tk 8372-14</b>	<b>tk 8374-14</b>	<b>tk 8373-14</b>	<b>tk 8375-14</b>
180 mm - 7"	<b>tk 8380-18</b>		<b>tk 8381-18</b>	
200 mm - 8"	<b>tk 8380-20</b>		<b>tk 8381-20</b>	
230 mm - 9"	<b>tk 8380-23</b>		<b>tk 8381-23</b>	
145 mm - 5¾"	<b>tk 8372-14 SU</b>		<b>tk 8373-14 SU</b>	
180 mm - 7"	<b>tk 8380-18 SU</b>		<b>tk 8381-18 SU</b>	
200 mm - 8"	<b>tk 8380-20 SU</b>		<b>tk 8381-20 SU</b>	
230 mm - 9"	<b>tk 8380-23 SU</b>		<b>tk 8381-23 SU</b>	
145 mm - 5¾"	<b>tk 8363-14 TC</b>	<b>tk 8366-14 TC</b>	<b>tk 8365-14 TC</b>	<b>tk 8367-14 TC</b>
180 mm - 7"	<b>tk 8370-18 TC</b>		<b>tk 8371-18 TC</b>	
200 mm - 8"	<b>tk 8370-20 TC</b>		<b>tk 8371-20 TC</b>	
230 mm - 9"	<b>tk 8370-23 TC</b>		<b>tk 8371-23 TC</b>	

**Feine Scheren**  
*Fine scissors*

Ciseaux fins  
*Tijeras finas*  
Forbici fini



**QUINBY**  
125 mm - 5" | **tk 8592-12**



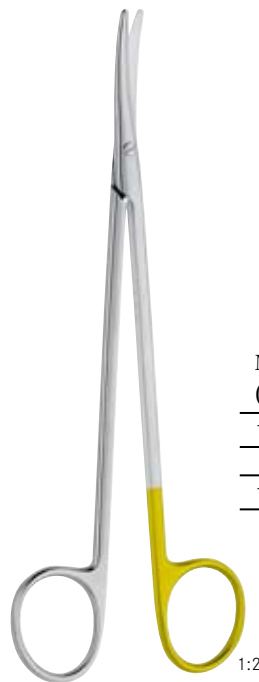
1:2



**NEUMANN**  
120 mm - 4¾" | **tk 8597-12**

S-förmig gebogen  
*S curved*  
courbes en S  
*curva en S*  
curve a forma di S

1:2



**MC INDOE  
(METZENBAUM)**  
180 mm - 7" | **tk 8352-18**  
180 mm - 7" | **tk 8352-18 SU**



1:2

Kurzes Maul  
*Short jaw*  
Mors court  
*Boca corta*  
Taglio corto



**LOCKLIN**  
165 mm - 6½" | **tk 8582-16** | **tk 8587-16**

gerade, gezahnt  
*straight, saw edge*  
droits, dentelées  
*recta, dentada*  
rette, dentate



gebogen, gezahnt  
*curved, saw edge*  
courbes, dentelées  
*curva, dentada*  
curve, dentate

1:2

1:2

Feine Scheren – Irisscheren  
*Fine scissors – Iris scissors*

Ciseaux fins – Ciseaux à iridectomie  
*Tijeras finas – Tijeras para iridectomia*  
*Forbici fini – Forbici per iridectomia*



1:2



1:1

1:1

**STRABISMUS-SCHERE**

115 mm – 4½"	<b>tk 9482-11</b>	<b>tk 9483-11</b>
115 mm – 4½"	<b>tk 9482-11 SU</b>	<b>tk 9483-11 SU</b>



1:1

1:1

90 mm – 3½"	<b>tk 8652-09</b>	<b>tk 8653-09</b>
100 mm – 4"	<b>tk 8652-10</b>	<b>tk 8653-10</b>
115 mm – 4½"	<b>tk 8652-11</b>	<b>tk 8653-11</b>
100 mm – 4"	<b>tk 8652-10 SU</b>	<b>tk 8653-10 SU</b>

Scheren für plastische Operationen  
*Plastic surgery scissors*

Ciseaux pour la chirurgie plastique  
*Tijeras para cirugía plástica*  
Forbici per chirurgia plastica



**REYNOLDS (JAMESON)**

160 mm - 6 $\frac{1}{4}$ "	<b>tk 8602-16</b>	<b>tk 8603-16</b>
180 mm - 7"	<b>tk 8602-18</b>	<b>tk 8603-18</b>
160 mm - 6 $\frac{1}{4}$ "	<b>tk 8602-16 SU</b>	<b>tk 8603-16 SU</b>
180 mm - 7"	<b>tk 8602-18 SU</b>	<b>tk 8603-18 SU</b>



**KILNER (RAGNELL)**

120 mm - 4 $\frac{3}{4}$ "	<b>tk 8697-12</b>
150 mm - 6"	<b>tk 8697-15</b>
120 mm - 4 $\frac{3}{4}$ "	<b>tk 8697-12 SU</b>
150 mm - 6"	<b>tk 8697-15 SU</b>
180 mm - 7"	<b>tk 8697-18 SU</b>
200 mm - 8"	<b>tk 8697-20 SU</b>
120 mm - 4 $\frac{3}{4}$ "	<b>tk 8698-12 TC</b>
150 mm - 6"	<b>tk 8698-15 TC</b>

Scheren für plastische Operationen  
*Plastic surgery scissors*

Ciseaux pour la chirurgie plastique  
*Tijeras para cirugía plástica*  
 Forbici per chirurgia plastica



**JOSEPH**

140 mm - 5½"	<b>tk 8692-14</b>	<b>tk 8693-14</b>
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1:1

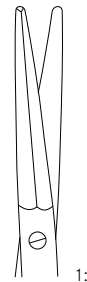


1:1



**GORNEY**

190 mm - 7½"	<b>tk 8702-20</b>	<b>tk 8703-20</b>
230 mm - 9"	<b>tk 8702-23</b>	<b>tk 8703-23</b>
180 mm - 7¼"	<b>tk 8704-18 SU</b>	<b>tk 8705-18 SU</b>
230 mm - 9"	<b>tk 8704-23 SU</b>	<b>tk 8705-23 SU</b>



1:2

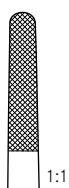


1:2



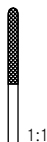
**Anatomische Pinzetten**  
*Dressing forceps*

Pinces à dissection  
*Pinzas de disección*  
Pinze anatomiche



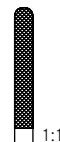
**STANDARD**

145 mm - 5¾"	<b>tk 11977-14</b>
200 mm - 8"	<b>tk 11977-20</b>
250 mm - 9¾"	<b>tk 11977-25</b>
300 mm - 12"	<b>tk 11977-30</b>



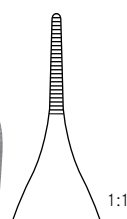
**MC INDOE**

150 mm - 6"	<b>tk 11640-15</b>
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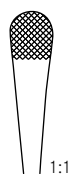
**POTTS-SMITH**

180 mm - 7"	<b>tk 11652-18</b>
210 mm - 8¼"	<b>tk 11652-21</b>
250 mm - 9¾"	<b>tk 11652-25</b>



**ADSON**

120 mm - 4¾"	<b>tk 10502-12</b>
150 mm - 6"	<b>tk 10502-15</b>



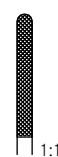
**WANGENSTEEN**

150 mm - 6"	<b>tk 10610-15</b>
230 mm - 9"	<b>tk 10610-23</b>



**CUSHING**

175 mm - 7"	<b>tk 10402-17</b>
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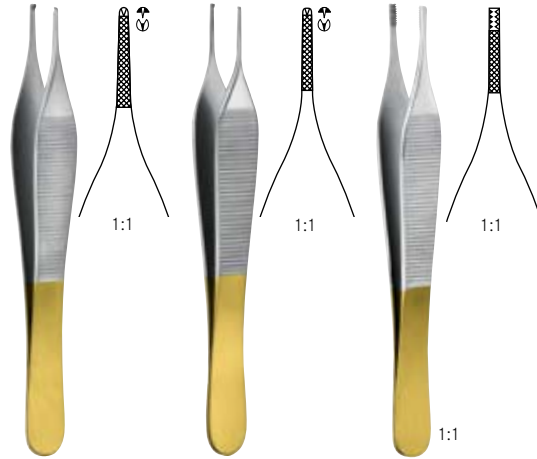


**TAYLOR**

180 mm - 7"	<b>tk 10415-18</b>
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Chirurgische Pinzetten  
Tissue forceps

Pinces à dissection à griffes  
Pinzas de disección con dientes  
Pinze chirurgiche



ADSON		ADSON-MICRO		ADSON-BROWN	
120 mm - 4 3/4"	<b>tk 10504-12</b>	<b>tk 10506-12</b>	<b>tk 10506-12</b>	<b>tk 10508-12</b>	<b>tk 10508-12</b>
150 mm - 6"	<b>tk 10504-15</b>	<b>tk 10506-15</b>	<b>tk 10506-15</b>		



GILLIES	
150 mm - 6"	<b>tk 11638-15</b>



OEHLER		
140 mm - 5 1/2"	160 mm - 4 1/4"	180 mm - 7"
<b>tk 11690-14</b>	<b>tk 11690-16</b>	<b>tk 11690-18</b>

200 mm - 8"	250 mm - 9 3/4"	300 mm - 12"
<b>tk 11690-20</b>	<b>tk 11690-25</b>	<b>tk 11690-30</b>

**Atraumatische Pinzetten**  
**Atraumatic tissue forceps**

Pinces atraumatiques  
 Pinzas de disección atraumáticas  
 Pinze per dissezione atraumatiche

**ATRAUMTK**

**TUCARTK**



**DE BAKEY**

	x = 1.5 mm	x = 2.0 mm
150 mm - 6"	<b>tk 11968-15</b>	<b>tk 11969-15</b>
190 mm - 7½"	<b>tk 11968-19</b>	<b>tk 11969-19</b>
240 mm - 9½"	<b>tk 11968-24</b>	<b>tk 11969-24</b>

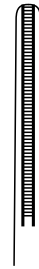
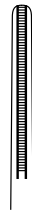
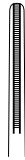
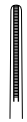
Atraumatische Pinzetten  
Atraumatic tissue forceps

Pinces atraumatiques  
Pinzas de disección atraumáticas  
Pinze per dissezione atraumatiche

ATRAUMTK

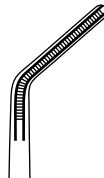
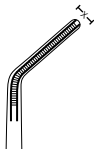


x



DE BAKEY

	x = 1.5 mm	x = 2.0 mm	x = 2.7 mm	x = 3.5 mm
120 mm - 4 <sup>3</sup> / <sub>4</sub> "	<b>tk 11960-12</b>			
145 mm - 5 <sup>3</sup> / <sub>4</sub> "	<b>tk 11960-14</b>	<b>tk 11964-14</b>		
160 mm - 6 <sup>1</sup> / <sub>4</sub> "	<b>tk 11960-16</b>	<b>tk 11964-16</b>	<b>tk 11966-16</b>	<b>tk 11965-16</b>
200 mm - 8 "	<b>tk 11960-20</b>	<b>tk 11964-20</b>	<b>tk 11966-20</b>	<b>tk 11965-20</b>
240 mm - 9 <sup>1</sup> / <sub>2</sub> "	<b>tk 11960-24</b>	<b>tk 11964-24</b>	<b>tk 11966-24</b>	<b>tk 11965-24</b>
300 mm - 12 "		<b>tk 11964-30</b>	<b>tk 11966-30</b>	<b>tk 11965-30</b>
350 mm - 14 "				<b>tk 11965-35</b>



	x = 1.5 mm	x = 2.0 mm
145 mm - 5 <sup>3</sup> / <sub>4</sub> "	<b>tk 11967-14</b>	
160 mm - 6 <sup>1</sup> / <sub>4</sub> "		<b>tk 11967-16</b>
200 mm - 8 "		<b>tk 11967-20</b>
240 mm - 9 <sup>1</sup> / <sub>2</sub> "		<b>tk 11967-24</b>
300 mm - 12 "		<b>tk 11967-30</b>

**Atraumatische Pinzetten**  
**Atraumatic tissue forceps**

Pinces atraumatiques  
 Pinzas de disección atraumáticas  
 Pinze per dissezione atraumatiche

**ATRAUMTK**



DE BAKEY					
	x = 1.2 mm	x = 1.5 mm	x = 1.8 mm	x = 2.0 mm	x = 2.8 mm
160 mm - 6¼"	<b>tk 11970-16</b>	<b>tk 11971-16</b>	<b>tk 11972-16</b>	<b>tk 11975-16</b>	<b>tk 11976-16</b>
200 mm - 8"	<b>tk 11970-20</b>	<b>tk 11971-20</b>	<b>tk 11972-20</b>	<b>tk 11975-20</b>	<b>tk 11976-20</b>
240 mm - 9½"	<b>tk 11970-24</b>	<b>tk 11971-24</b>	<b>tk 11972-24</b>	<b>tk 11975-24</b>	<b>tk 11976-24</b>

**TITANK**

**Atraumatische Pinzetten**  
*Atraumatic tissue forceps*

**Pinces atraumatiques**  
*Pinzas de disección atraumáticas*  
*Pinze per dissezione atraumatiche*

**ATRAUM** **TK**



**DE BAKEY-ADSON**

125 mm - 5"	<b>tk 10510-12</b>
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**DE BAKEY-GERALD**

150 mm - 6"	<b>tk 10327-15</b>
180 mm - 7"	<b>tk 10327-18</b>

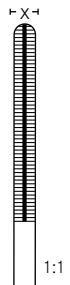
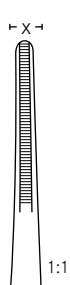


**DE BAKEY BAYONET**

180 mm - 7"	<b>tk 10328-18</b>
200 mm - 8"	<b>tk 10328-20</b>

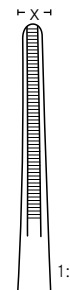
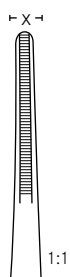
**Atraumatische Pinzetten**  
**Atraumatic tissue forceps**

Pinces atraumatiques  
Pinzas de disección atraumáticas  
Pinze atraumatiche per dissezione



	x = 2.5 mm	x = 3.0 mm
150 mm - 6 "	<b>tk 11962-15</b>	<b>tk 11963-15</b>
200 mm - 8 "	<b>tk 11962-20</b>	<b>tk 11963-20</b>
240 mm - 9½ "	<b>tk 11962-24</b>	<b>tk 11963-24</b>

rostfrei  
stainless  
inoxydable  
inoxidable  
inossidabile



	x = 2.5 mm	x = 2.8 mm
150 mm - 6 "	<b>tk 11978-15</b>	<b>tk 11979-15</b>
200 mm - 8 "	<b>tk 11978-20</b>	<b>tk 11979-20</b>
240 mm - 9½ "	<b>tk 11978-24</b>	<b>tk 11979-24</b>



# PRIMUSLINE

Arterienklemmen  
*Haemostatic forceps*

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Pinces hémostatiques  
*Pinzas hemostáticas*  
Pinze emostatiche



TEKNO **PRIMUSLINE** Arterienklemmen sind chirurgische Instrumente von höchster Qualität aus bestem rostfreiem Edelstahl, gefertigt von Spezialisten. Die Klemmen zeichnen sich durch besonders schlanke Maulteile und feinere Branchen aus.

*TEKNO PRIMUSLINE haemostatic forceps are surgical instruments of highest quality, made of high grade medical steel by specially skilled craftsmen. The forceps stand out of their extremely fine jaw parts and thinner handles.*

TEKNO **PRIMUSLINE** pinces hémostatiques sont des instruments chirurgicaux d'une qualité supérieure faites du meilleur acier inoxydable par des ouvriers bien spécialisés. Les pinces se distinguent par des mors plus fins et des branches plus graciles.

*TEKNO PRIMUSLINE pinzas hemostáticas son instrumentos quirúrgicos de alta calidad, producidos del mejor acero inoxidable por trabajadores bien especializados. Las pinzas se diferencian por las bocas muy finas y los mangos delgados.*

TEKNO **PRIMUSLINE** pinze emostatiche sono strumenti chirurgici di altissima qualità, fabbricate col migliore acciaio inossidabile da operai altamente specializzati. Le pinze si differenziano per il morso e le branche fini.



Gewebe- und Darmfazzangen  
*Tissue and intestinal holding forceps*

Pinces intestinales et de tissue  
*Pinzas para intestinos y tejidos*  
 Pinze per tessuti ed intestino

# PRIMUSLINE



**BABCOCK**

160 mm - 6¼"	<b>tk 28280-16-P</b>
180 mm - 7"	<b>tk 28280-18-P</b>
200 mm - 8"	<b>tk 28280-20-P</b>



**ALLIS**

150 mm - 6"	<b>tk 28140-15-P</b>	<b>tk 28160-15-P</b>
190 mm - 7½"		<b>tk 28160-19-P</b>

**Zähne** 4x5 5x6  
**Teeth**  
 Dents  
 Dientes  
 Denti



Arterienklemmen  
*Haemostatic forceps*

Pinces hémostatiques  
*Pinzas hemostáticas*  
Pinze emostatiche

# PRIMUSLINE

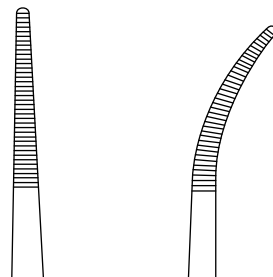


**KELLY**

140 mm - 5 1/2"	<b>tk 12040-14-P</b>	<b>tk 12041-14-P</b>
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**KELLY-RANKIN**

160 mm - 6 1/4"	<b>tk 12040-16-P</b>	<b>tk 12041-16-P</b>
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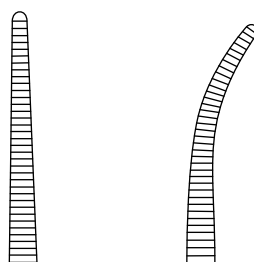


**CRILE**

140 mm - 5 1/2"	<b>tk 12050-14-P</b>	<b>tk 12051-14-P</b>
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**CRILE-RANKIN**

160 mm - 6 1/4"	<b>tk 12050-16-P</b>	<b>tk 12051-16-P</b>
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Arterienklemmen  
*Haemostatic forceps*

Pinces hémostatiques  
*Pinzas hemostáticas*  
Pinze emostatiche

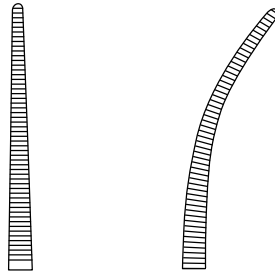
# PRIMUSLINE



**P É A N**

130 mm - 5"	<b>tk 12058-13-P</b>	<b>tk 12059-13-P</b>
140 mm - 5½"	<b>tk 12058-14-P</b>	<b>tk 12059-14-P</b>
160 mm - 6¼"	<b>tk 12058-16-P</b>	<b>tk 12059-16-P</b>

graziles Modell  
*delicate pattern*  
modèle délicat  
*modelo delicado*  
modello delicato



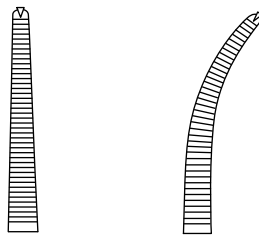
**K O C H E R**

130 mm - 5"	<b>tk 12078-13-P</b>	<b>tk 12079-13-P</b>
140 mm - 5½"	<b>tk 12078-14-P</b>	<b>tk 12079-14-P</b>
160 mm - 6¼"	<b>tk 12078-16-P</b>	<b>tk 12079-16-P</b>

graziles Modell  
*delicate pattern*  
modèle délicat  
*modelo delicado*  
modello delicato

1x2

1x2



Arterienklemmen  
*Haemostatic forceps*

Pinces hémostatiques  
*Pinzas hemostáticas*  
Pinze emostatiche

# PRIMUSLINE



<b>PÉAN-FINO</b>						
	1:1	1:1	1:1	1:1	1:1	1:1
	145 mm - 5 3/4"	165 mm - 6 1/2"	185 mm - 7 1/4"	140 mm - 5 1/2"	160 mm - 6 1/4"	180 mm - 7"
	<b>tk 12062-14-P</b>	<b>tk 12062-16-P</b>	<b>tk 12062-18-P</b>	<b>tk 12063-14-P</b>	<b>tk 12063-16-P</b>	<b>tk 12063-18-P</b>

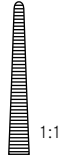
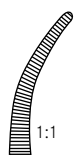


<b>KOCHER-FINO</b>						
	1:1	1:1	1:1	1:1	1:1	1:1
	145 mm - 5 3/4"	165 mm - 6 1/2"	185 mm - 7 1/4"	145 mm - 5 3/4"	160 mm - 6 1/4"	180 mm - 7"
	<b>tk 12082-14-P</b>	<b>tk 12082-16-P</b>	<b>tk 12082-18-P</b>	<b>tk 12083-14-P</b>	<b>tk 12083-16-P</b>	<b>tk 12083-18-P</b>
	1x2	1x2	1x2	1x2	1x2	1x2

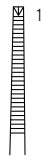
Arterienklemmen  
Haemostatic forceps

Pinces hémostatiques  
Pinzas hemostáticas  
Pinze emostatiche







HARTMANN	 1:1	 1:1
	100 mm - 4"	tk 12000-10



TERRIER	 1x2
	85 mm - 3 <sup>3</sup> / <sub>4</sub> "



HALSTED- MOSQUITO	 1:1	 1:1	 1:1	 1:1	
	125 mm - 5"	tk 12010-12	tk 12011-12	tk 12012-12	tk 12013-12
	140 mm - 5 <sup>1</sup> / <sub>2</sub> "	tk 12010-14	tk 12011-14	tk 12012-14	tk 12013-14

1x2                      1x2

125 mm - 5"	tk 12110-12	tk 12111-12	tk 12112-12	tk 12113-12
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1x2                      1x2



**Arterienklemmen**  
**Haemostatic forceps**

Pinces hémostatiques  
Pinzas hemostáticas  
Pinze emostatiche



**MICRO-  
MOSQUITO**

100 mm - 4"	<b>tk 12020-10</b>	<b>tk 12021-10</b>	<b>tk 12022-10</b>	<b>tk 12023-10</b>
120 mm - 4 3/4"	<b>tk 12020-12</b>	<b>tk 12021-12</b>	<b>tk 12022-12</b>	<b>tk 12023-12</b>

1x2

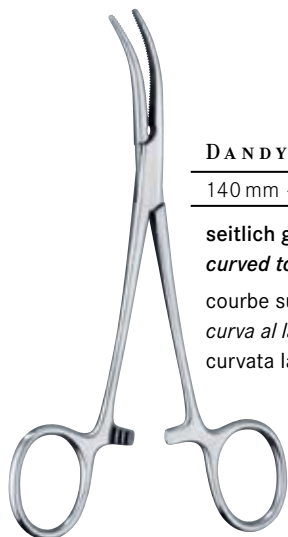
1x2



**PROVIDENCE-  
HOSPITAL**

140 mm - 5 1/2"	<b>tk 12020-14</b>	<b>tk 12021-14</b>
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1:2



**DANDY**

140 mm - 5 1/2"	<b>tk 12030-14</b>	<b>tk 12032-14</b>
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seitlich gebogen  
*curved to the side*  
courbe sur le plat  
*curva al lado*  
curvata lateralmente

1x2

1:2



**MOSQUITO-  
DANDY**

120 mm - 4 3/4"	<b>tk 12031-12</b>
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seitlich gebogen  
*curved to the side*  
courbe sur le plat  
*curva al lado*  
curvata lateralmente

1:2

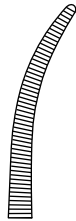
**Arterienklemmen**  
*Haemostatic forceps*

Pinces hémostatiques  
*Pinzas hemostáticas*  
Pinze emostatiche



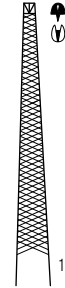
**CHRISTOPHE**

130 mm - 4"	<b>tk 12039-13</b>
150 mm - 6"	<b>tk 12039-15</b>



**LOVELACE**

155 mm - 6"	<b>tk 12195-15</b>	<b>tk 12196-15</b>
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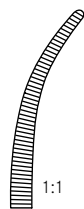
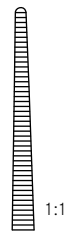


1x2



**LERICHE**

150 mm - 6"	<b>tk 12034-15</b>	<b>tk 12035-15</b>
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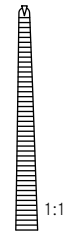


1:2



**LERICHE**

150 mm - 6"	<b>tk 12036-15</b>	<b>tk 12037-15</b>
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1x2

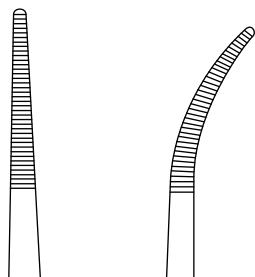
1x2

1:2



**Arterienklemmen**  
**Haemostatic forceps**

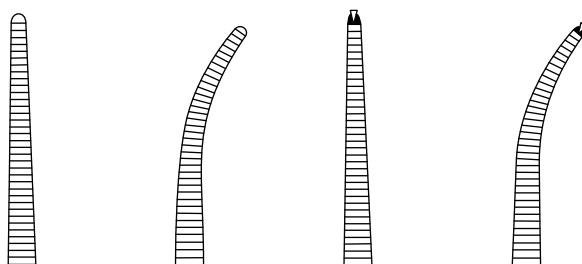
Pinces hémostatiques  
Pinzas hemostáticas  
Pinze emostatiche



<b>KELLY</b>		
140 mm - 5 1/2"	<b>tk 12040-14</b>	<b>tk 12041-14</b>

<b>KELLY-RANKIN</b>		
160 mm - 6 1/4"	<b>tk 12040-16</b>	<b>tk 12041-16</b>

<b>KELLY</b>		
140 mm - 5 1/2"	<b>tk 12140-14</b>	<b>tk 12141-14</b>



<b>CRILE</b>				
140 mm - 5 1/2"	<b>tk 12050-14</b>	<b>tk 12051-14</b>	<b>tk 12052-14</b>	<b>tk 12053-14</b>
			1x2	1x2

<b>CRILE-RANKIN</b>				
160 mm - 6 1/4"	<b>tk 12050-16</b>	<b>tk 12051-16</b>	<b>tk 12054-16</b>	<b>tk 12055-16</b>
			1x2	1x2

<b>CRILE</b>		
140 mm - 5 1/2"	<b>tk 12250-14</b>	<b>tk 12251-14</b>

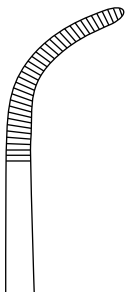
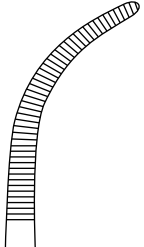
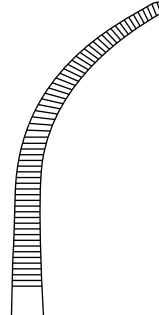
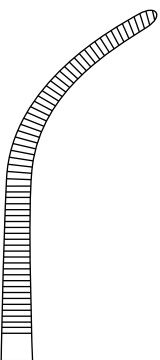


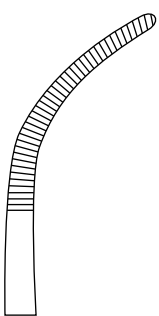
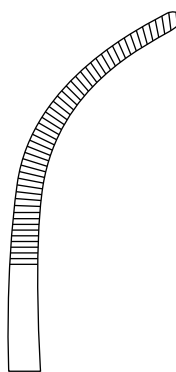
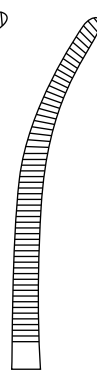
Präparier- und Ligaturklemmen  
Dissecting and ligature forceps

Pincès à disséquer et à sutures  
Pinzas para preparación y suturas  
Pinze per preparazioni e suture



OVERHOLT-  
GEISSENDOERFER

				
	Fig. 0	Fig. 1	Fig. 2	Fig. 3
210 mm - 8 1/4"	<b>tk 12280-21</b>	<b>tk 12281-21</b>	<b>tk 12282-21</b>	<b>tk 12283-21</b>
270 mm - 10 3/4"	<b>tk 12280-27</b>	<b>tk 12281-27</b>	<b>tk 12282-27</b>	<b>tk 12283-27</b>

			
	Fig. 4	Fig. 5	Fig. 6
210 mm - 8 1/4"	<b>tk 12284-21</b>	<b>tk 12285-21</b>	<b>tk 12286-21</b>
270 mm - 10 3/4"	<b>tk 12284-27</b>	<b>tk 12285-27</b>	<b>tk 12286-27</b>

**Präparier- und Ligaturklemmen**  
*Dissecting and ligature forceps*

Pinces à disséquer et à sutures  
*Pinzas para preparación y suturas*  
Pinze per preparazioni e suture



**OVERHOLT-FINO**

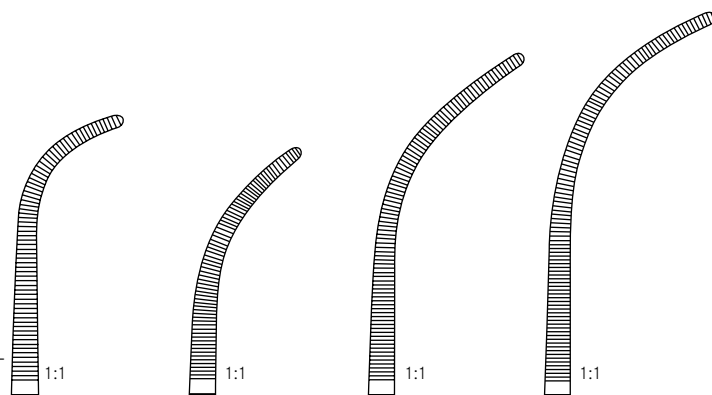


Fig. 0	Fig. 1	Fig. 2	Fig. 3	Fig. 6
215 mm - 8½"	210 mm - 8¼"	220 mm - 8¾"	230 mm - 9"	225 mm - 8¾"
<b>tk 12287-00</b>	<b>tk 12287-01</b>	<b>tk 12287-02</b>	<b>tk 12287-03</b>	<b>tk 12287-06</b>



**OVERHOLT**

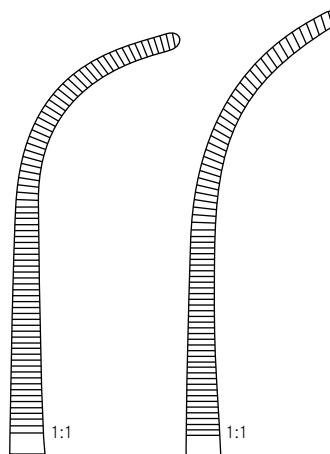
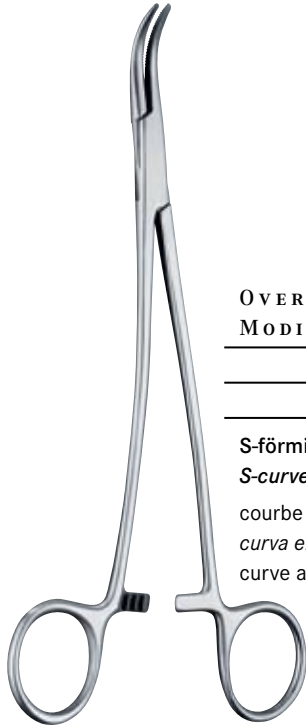


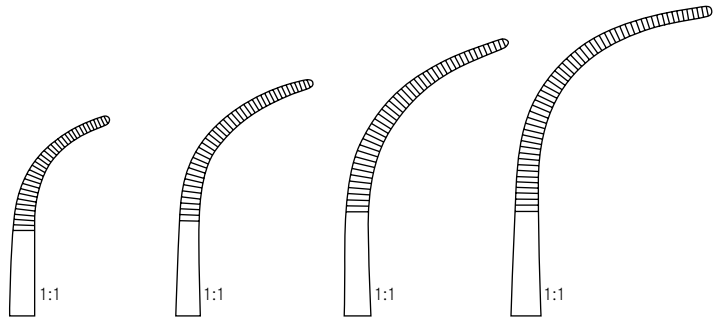
Fig. 0	Fig. 1	Fig. 6
295 mm - 8½"	295 mm - 8½"	300 mm - 8¾"
<b>tk 12288-00</b>	<b>tk 12288-01</b>	<b>tk 12288-06</b>

Präparier- und Ligaturklemmen  
Dissecting and ligature forceps

Pincès à disséquer et à sutures  
Pinzas para preparación y suturas  
Pinze per preparazioni e suture

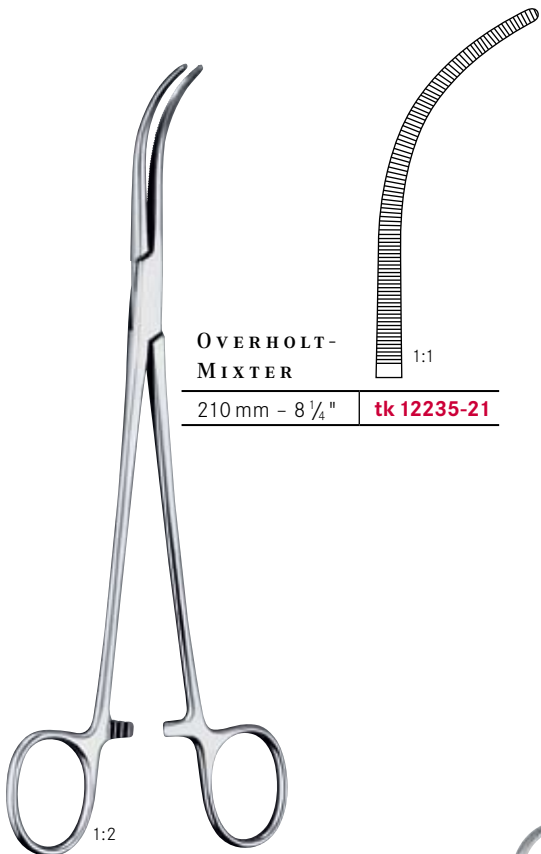


OVERHOLT-  
MODIFIZIERT

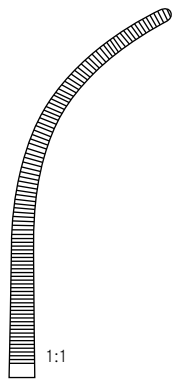


185 mm - 7 1/4"	205 mm - 8"	210 mm - 8 1/4"	215 mm - 8 1/2"
<b>tk 12235-01</b>	<b>tk 12235-02</b>	<b>tk 12235-03</b>	<b>tk 12235-04</b>

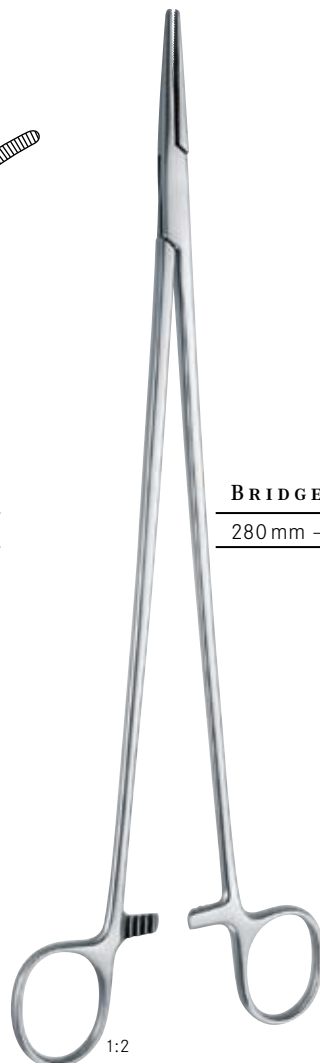
S-förmig gebogen  
*S-curved*  
courbe en S  
curva en S  
curve a forma di S



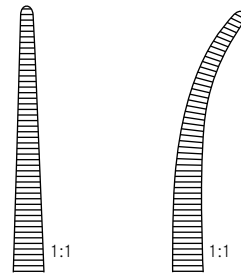
OVERHOLT-  
MIXTER



210 mm - 8 1/4"	<b>tk 12235-21</b>
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BRIDGE



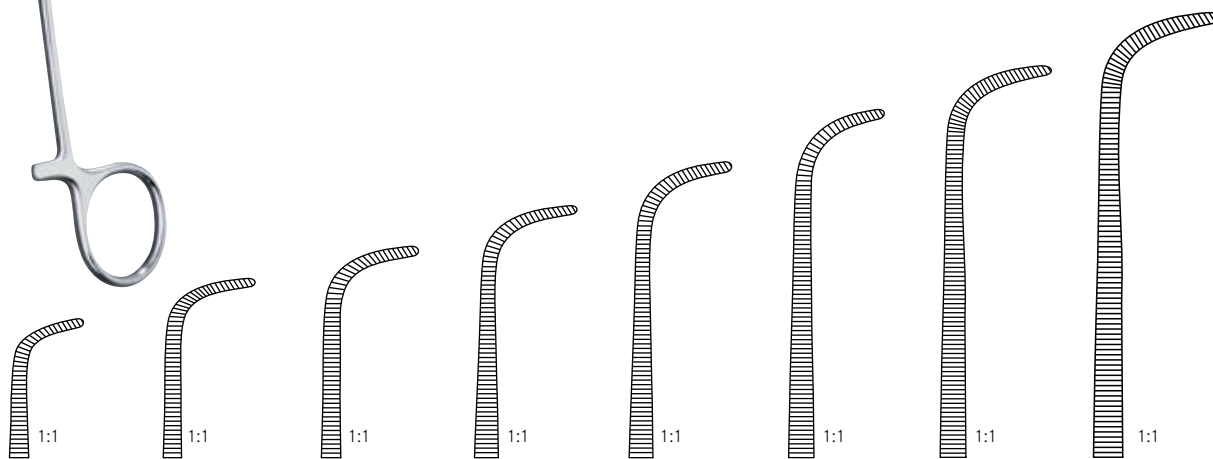
280 mm - 11"	<b>tk 12238-28</b>	<b>tk 12239-28</b>
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**Präparier- und Ligaturklemmen**  
*Dissecting and ligature forceps*

Pinces à disséquer et à sutures  
*Pinzas para preparación y suturas*  
Pinze per preparazioni e suture



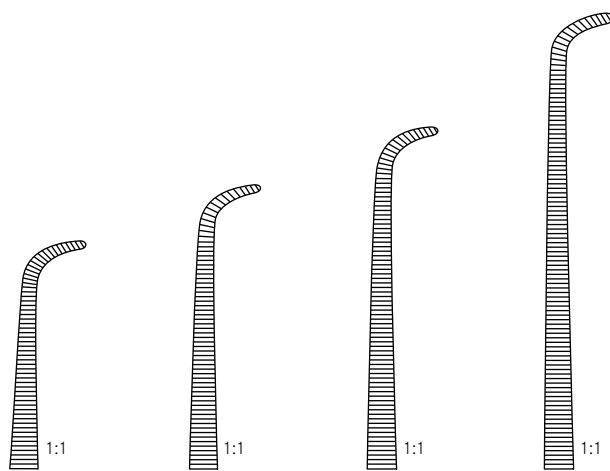
**GEMINI**



130 mm - 5 "	160 mm - 6¼ "	180 mm - 7 "	200 mm - 8 "	230 mm - 9 "	250 mm - 9¾ "	280 mm - 11 "	350 mm - 14 "
<b>tk 12290-13</b>	<b>tk 12290-16</b>	<b>tk 12290-18</b>	<b>tk 12290-20</b>	<b>tk 12290-23</b>	<b>tk 12290-25</b>	<b>tk 12290-28</b>	<b>tk 12290-35</b>



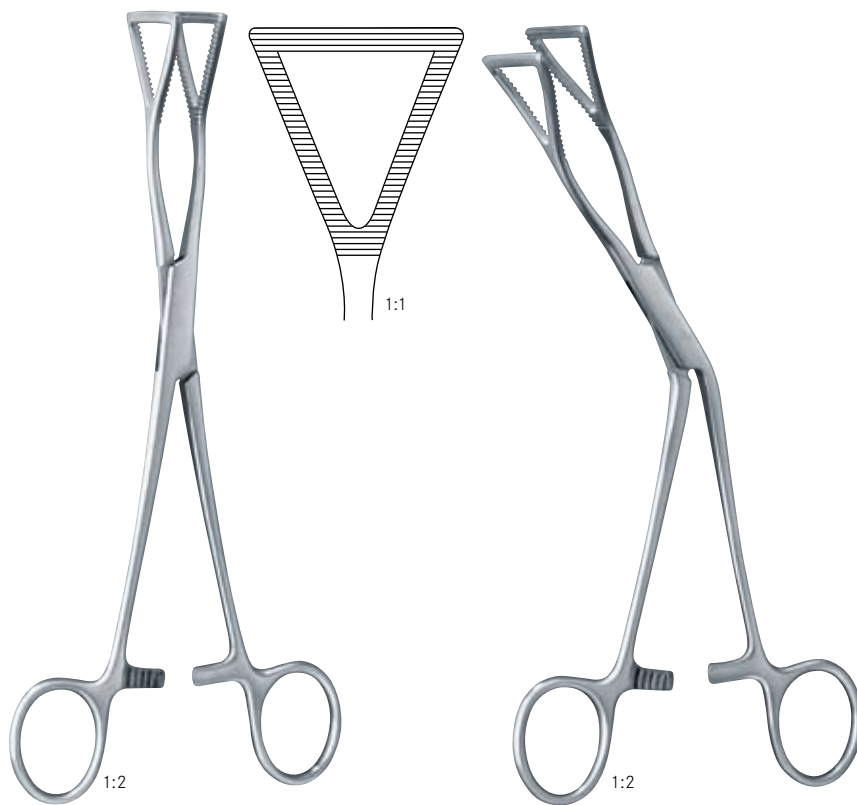
**MINI-GEMINI**



180 mm - 7 "	220 mm - 8¾ "	250 mm - 9¾ "	280 mm - 11 "
<b>tk 12291-18</b>	<b>tk 12291-22</b>	<b>tk 12291-25</b>	<b>tk 12291-28</b>

**Lungenfazzangen**  
*Lung grasping forceps*

Pinces-clamps pour poumons  
*Pinzas para coger pulmónes*  
Pinza per afferrare il polmone



**LOVELACE**

200 mm - 8"

**tk 12495-20**

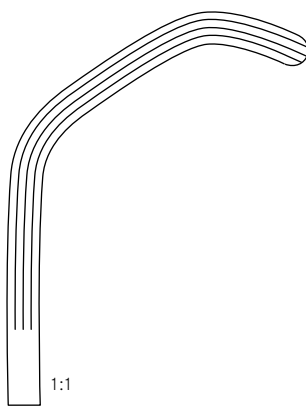
**tk 12496-20**

**Bronchus- und Gefäßklemmen**  
**Bronchus- and vascular clamps**

Pinces vasculaires et pour bronches  
Pinzas vasculares y bronquiales  
Pinze vascolari e per bronchi



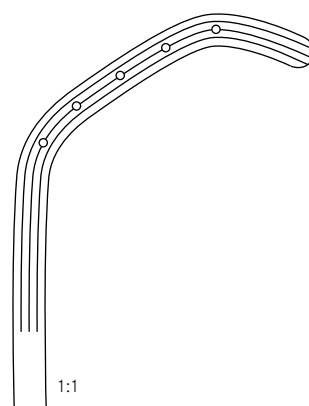
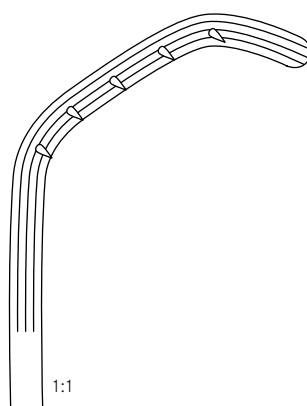
PRICE-  
THOMAS



220 mm - 8 3/4" tk 12500-22



PRICE-  
THOMAS



220 mm - 8 3/4" tk 12502-01

tk 12502-02

Stifte links  
Pins left

Goupilles à gauche  
Pernos izquierda  
Perni a sinistra

Stifte rechts  
Pins right

Goupilles à droit  
Pernos derecha  
Perni a destra

Bronchus- und Gefäßklemmen  
Bronchus- and vascular clamps

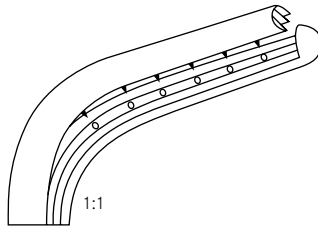
Pinces vasculaires et pour bronches  
Pinza clamps vasculares y bronquiales  
Pinze vascolari e per bronchi



1:2

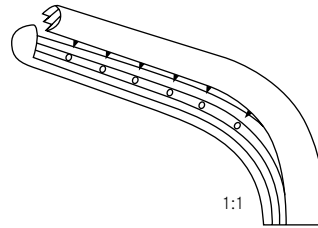
SAROT

230 mm - 9"



1:1

tk 12503-23



1:1

tk 12504-23

Stifte links  
Pins left

Goupilles à gauche  
Pernos izquierda  
Perni a sinistra

Stifte rechts  
Pins right

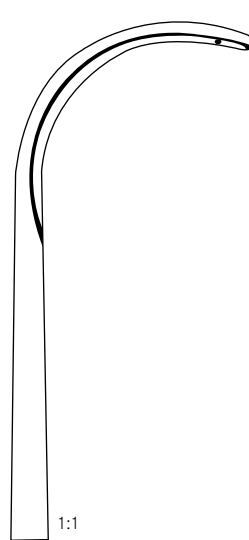
Goupilles à droit  
Pernos derecha  
Perni a destra



1:2

SEMB

240 mm - 9 1/2"



1:1

tk 12505-24



1:1

tk 12510-24



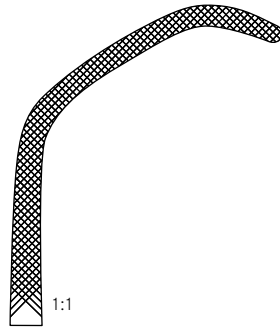
**Bronchus- und Gefäßklemmen**  
**Bronchus- and vascular clamps**

Pinces vasculaires et pour bronches  
Pinzas vasculares y bronquiales  
Pinze vascolari e per bronchi



**BABY-SATINSKY**

150 mm - 6"



1:1

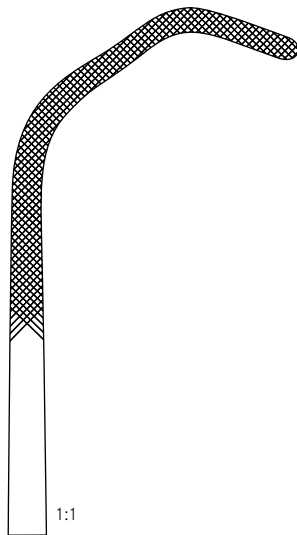
**tk 12545-15**

1:2



**SATINSKY**

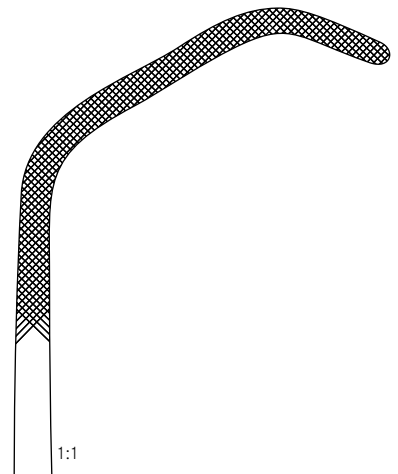
265 mm - 10 1/2"



1:1

**tk 12550-01**

**tk 12551-01**



1:1

**tk 12550-02**

**tk 12551-02**

S-förmig gebogen  
*S-curved*  
courbe en S  
*curva en S*  
curva a forma di S

S-förmig gebogen  
*S-curved*  
courbe en S  
*curva en S*  
curva a forma di S

1:2

Gewebe- und Darmfazzangen  
Tissue and intestinal holding forceps

Pinces intestinales et de tissue  
Pinzas para tejidos y intestinos  
Pinze per tessuti ed intestino



ALLIS-BABY

130 mm - 5"	<b>tk 28100-14</b>
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Zähne 4x5

Teeth

Dents

Dientes

Denti



ALLIS

150 mm - 6"	<b>tk 28140-15</b>	<b>tk 28160-15</b>
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190 mm - 7½"		<b>tk 28160-19</b>
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250 mm - 9¾"		<b>tk 28160-25</b>
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Zähne 4x5

5x6

Teeth

Dents

Dientes

Denti



ALLIS-ADAIR

155 mm - 6"	<b>tk 28167-15</b>
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Zähne 10x11

Teeth

Dents

Dientes

Denti



THOMS-ALLIS

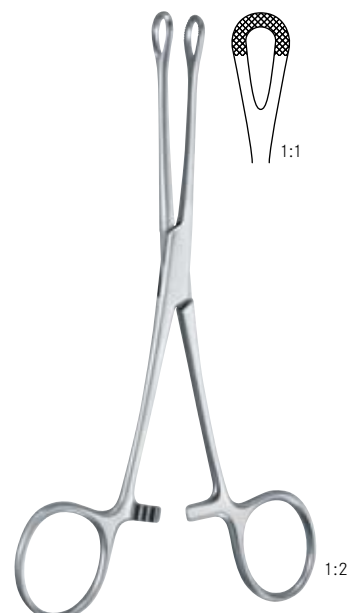
200 mm - 8"	<b>tk 28180-20</b>
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6x7



LOCKWOOD

200 mm - 8"	<b>tk 28190-20</b>
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WILLIAMS

160 mm - 6¼"	<b>tk 28192-16</b>
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**Gewebe- und Darmfasszangen**  
**Tissue and intestinal holding forceps**

Pinces intestinales et de tissu  
 Pinzas para tejidos y intestinos  
 Pinze per tessuti ed intestino



**LITTLEWOOD**

190 mm - 7½" **tk 11955-19**

Zähne 2x3  
 Teeth

Dents  
 Dientes  
 Denti



**BOYS-ALLIS**

150 mm - 6" **tk 28210-15**

Zähne 5x6  
 Teeth

Dents  
 Dientes  
 Denti



**JUDD-ALLIS**

150 mm - 6" **tk 28250-15**  
 190 mm - 7½" **tk 28250-19**

Zähne 3x4  
 Teeth

Dents  
 Dientes  
 Denti



**BABCOCK**

160 mm - 6¼"	200 mm - 8"
<b>tk 28285-16</b>	<b>tk 28285-20</b>

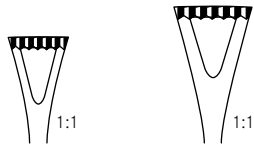
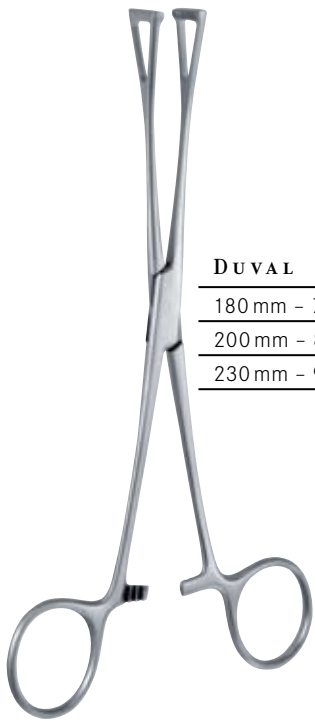


**BABCOCK**

160 mm - 6¼"	<b>tk 28280-16</b>
180 mm - 7"	<b>tk 28280-18</b>
200 mm - 8"	<b>tk 28280-20</b>
240 mm - 9½"	<b>tk 28280-24</b>

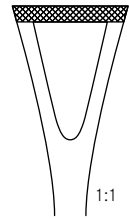
Gewebe- und Darmfazzangen  
*Tissue and intestinal holding forceps*

Pinces intestinales et de tissue  
*Pinzas para tejidos y intestinos*  
Pinze per tessuti ed intestino



DUVAL

180 mm - 7"	<b>tk 28290-18</b>	
200 mm - 8"	<b>tk 28290-20</b>	<b>tk 28292-20</b>
230 mm - 9"	<b>tk 28290-23</b>	<b>tk 28292-23</b>



DUVAL

200 mm - 8"	<b>tk 28293-20</b>
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**TUCAR**

Gewebe- und Darmfazzangen  
*Tissue and intestinal holding forceps*

Pinces intestinales et de tissue  
*Pinzas para tejidos y intestinos*  
 Pinze per tessuti ed intestino

**ATRAUMTK**



**BABCOCK-  
 ATRAUMA**



1:1

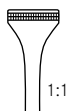


1:1

160 mm - 6¼"	200 mm - 8"
<b>tk 22452-16</b>	<b>tk 22452-20</b>



**ALLIS-  
 ATRAUMA**



1:1



1:1




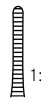
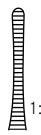
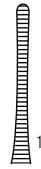

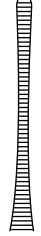

1:1








160 mm - 6¼"	200 mm - 8"	250 mm - 9¾"
<b>tk 22450-16</b>	<b>tk 22450-20</b>	<b>tk 22450-25</b>

**Bulldogklemmen**  
*Bulldog clamps*

Clamps Bulldog  
*Clamps Bulldog*  
Pinze Bulldog



JOHNS HOPKINS	 1:1	 1:1	 1:1	 1:1	 1:1	 1:1	 1:1
	38 mm - 1½"	50 mm - 2"	55 mm - 2¼"	65 mm - 2½"	70 mm - 2¾"	75 mm - 3"	90 mm - 3½"
	<b>tk 11946-38</b>	<b>tk 11946-50</b>	<b>tk 11946-55</b>	<b>tk 11946-65</b>	<b>tk 11946-70</b>	<b>tk 11946-75</b>	<b>tk 11946-90</b>

JOHNS HOPKINS	 1:1	 1:1	 1:1	 1:1	 1:1	 1:1	 1:1
	38 mm - 1½"	50 mm - 2"	55 mm - 2¼"	65 mm - 2½"	70 mm - 2¾"	75 mm - 3"	90 mm - 3½"
	<b>tk 11947-38</b>	<b>tk 11947-50</b>	<b>tk 11947-55</b>	<b>tk 11947-65</b>	<b>tk 11947-70</b>	<b>tk 11947-75</b>	<b>tk 11947-90</b>



235 mm - 9¼"  
**tk 11948-23**

Anlegezange für John Hopkins und De Bakey Bulldogklemmen  
*Applying forceps for John Hopkins and De Bakey bulldog clamps*  
Pince pour poser les clamps Bulldog (John Hopkins et De Bakey)  
*Pinza aplicadora para clamps Bulldog (John Hopkins y De Bakey)*  
Pinza per posizionare le pinze Bulldog (John Hopkins e De Bakey)

**Bulldogklemmen**  
*Bulldog clamps*

Clamps Bulldog  
*Clamps Bulldog*  
Pinze Bulldog



**DIEFFENBACH**

35 mm - 1½"	<b>tk 11930-03</b>	<b>tk 11931-03</b>
50 mm - 2"	<b>tk 11930-05</b>	<b>tk 11931-05</b>
60 mm - 2¼"	<b>tk 11930-06</b>	<b>tk 11931-06</b>

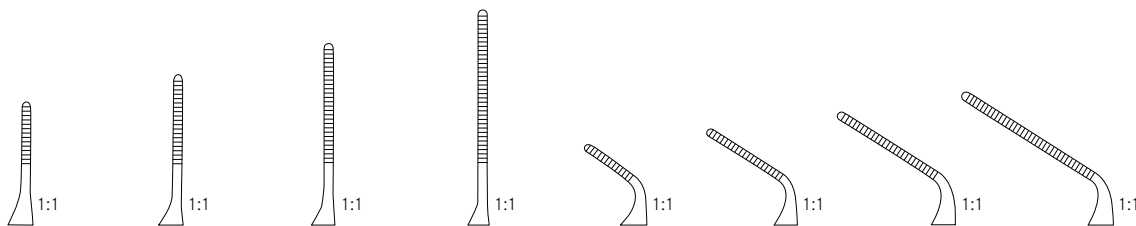


**JOHNS HOPKINS**

50 mm - 2"	<b>tk 11935-05</b>
65 mm - 2½"	<b>tk 11935-06</b>
75 mm - 3"	<b>tk 11935-07</b>



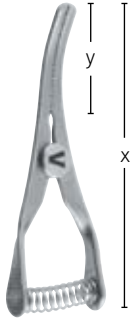
**DIETRICH**



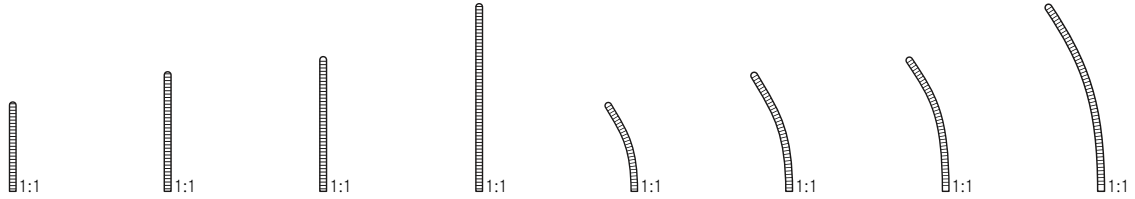
<b>x =</b>	50 mm - 2"	50 mm - 2"	50 mm - 2"	60 mm - 2¼"	50 mm - 2"	50 mm - 2"	50 mm - 2"	60 mm - 2¼"
<b>y =</b>	8 mm	12 mm	16 mm	20 mm	8 mm	12 mm	16 mm	20 mm
	gms = 50							
	<b>tk 11940-08</b>	<b>tk 11940-12</b>	<b>tk 11940-16</b>	<b>tk 11940-20</b>	<b>tk 11941-08</b>	<b>tk 11941-12</b>	<b>tk 11941-16</b>	<b>tk 11941-20</b>

<b>x = Länge</b> <i>Length</i>	<b>y = geriefte Maullänge</b> <i>serated jaw part</i>	<b>gms = Schließkraft</b> <i>closing force</i>
Longueur	partie striée du mors	force de fermeture
Longitud	parte estriada de la boca	presión
Lunghezza	morso zigrinato	pressione di chiusura

**Bulldogklemmen** | Clamps Bulldog  
*Bulldog clamps* | *Clamps Bulldog*  
 Pinze Bulldog



MINI - GLOVER

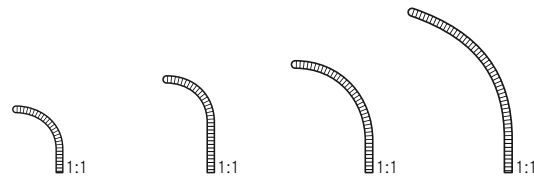


<b>x=</b>	30 mm - 1¼"	35 mm - 1½"	40 mm - 1½"	50 mm - 2"	30 mm - 1¼"	35 mm - 1½"	40 mm - 1½"	50 mm - 2"
<b>y=</b>	11 mm	15 mm	17 mm	24 mm	11 mm	15 mm	17 mm	24 mm
for Veins	gms = 110							
for Arteries	gms = 220							
for Veins	<b>tk 11933-01</b>	<b>tk 11933-02</b>	<b>tk 11933-03</b>	<b>tk 11933-04</b>	<b>tk 11933-05</b>	<b>tk 11933-06</b>	<b>tk 11933-07</b>	<b>tk 11933-08</b>
for Arteries	<b>tk 11934-01</b>	<b>tk 11934-02</b>	<b>tk 11934-03</b>	<b>tk 11934-04</b>	<b>tk 11934-05</b>	<b>tk 11934-06</b>	<b>tk 11934-07</b>	<b>tk 11934-08</b>



**x = Länge**      **y = geriefte Maullänge**      **gms = Schließkraft**  
*Length*              *serated jaw part*              *closing force*  
 Longueur            partie striée du mors            force de fermeture  
 Longitud            parte estriada de la boca       presión  
 Lunghezza        morso zigrinato                  pressione di chiusura

MINI - GLOVER



<b>x=</b>	30 mm - 1¼"	35 mm - 1½"	40 mm - 1½"	50 mm - 2"
<b>y=</b>	11 mm	15 mm	17 mm	24 mm
for Veins	gms = 110			
for Arteries	gms = 220			
for Veins	<b>tk 11933-09</b>	<b>tk 11933-10</b>	<b>tk 11933-11</b>	<b>tk 11933-12</b>
for Arteries	<b>tk 11934-09</b>	<b>tk 11934-10</b>	<b>tk 11934-11</b>	<b>tk 11934-12</b>



**x = Länge**      **y = geriefte Maullänge**      **gms = Schließkraft**  
*Length*              *serated jaw part*              *closing force*  
 Longueur            partie striée du mors            force de fermeture  
 Longitud            parte estriada de la boca       presión  
 Lunghezza        morso zigrinato                  pressione di chiusura



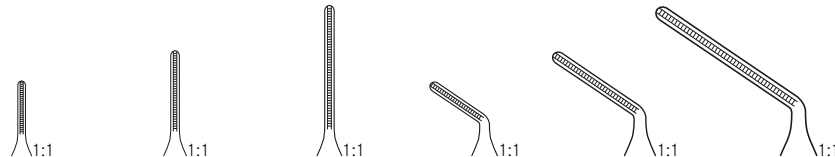
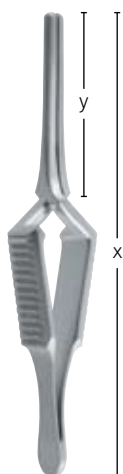
230 mm - 9"

**tk 11935-00**

Anlegezange für Mini-Glover Bulldogklemmen  
*Applying forceps for Mini-Glover bulldog clamps*  
 Pince à poser pour les clamps Bulldog (Mini-Glover)  
*Aplicadora para clamps Bulldog (Mini-Glover)*  
 Pinza per posizionare le pinze Bulldog (Mini-Glover)



**Bulldogklemmen** | Clamps Bulldog  
*Bulldog clamps* | *Clamps Bulldog*  
 Pinze Bulldog



**DE BAKEY - DIETRICH**

<b>x=</b>	49 mm - 2"	53 mm - 2"	59 mm - 2¼"	44 mm - 1¾"	46 mm - 1¾"	49 mm - 2"
<b>y=</b>	10 mm	14 mm	20 mm	10 mm	14 mm	20 mm
	gms = 180					
	<b>tk 11949-01</b>	<b>tk 11949-02</b>	<b>tk 11949-03</b>	<b>tk 11949-04</b>	<b>tk 11949-05</b>	<b>tk 11949-06</b>

**x = Länge**      **y = geriefte Maullänge**      **gms = Schließkraft**  
*Length*              *serrated jaw part*              *closing force*  
 Longueur          partie striée du mors              force de fermeture  
 Longitud          parte estriada de la boca              presión  
 Lunghezza          morso zigrinato              pressione di chiusura

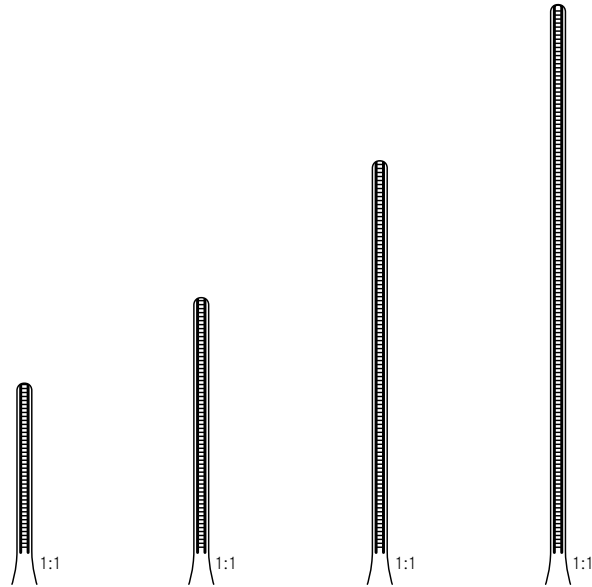
Bulldogklemmen  
*Bulldog clamps*

Clamps Bulldog  
*Clamps Bulldog*  
Pinze Bulldog

**ATRAUMTK**



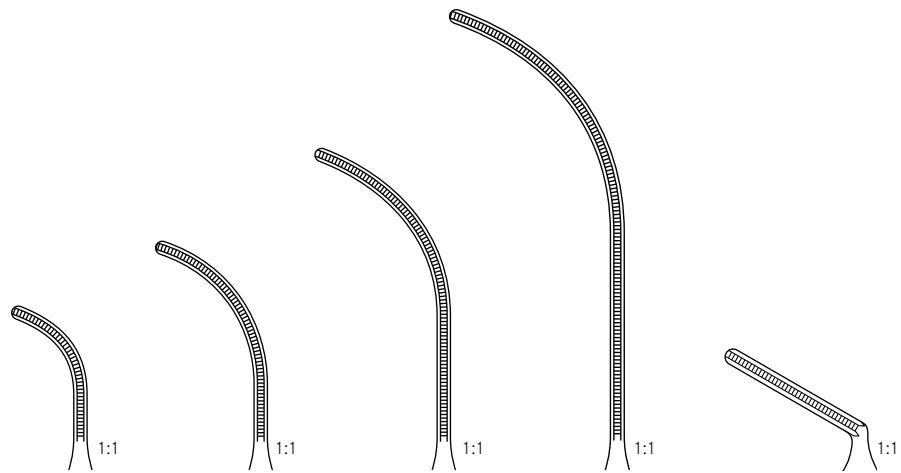
DE BAKEY



75 mm - 3"	85 mm - 3 1/4"	105 mm - 4 1/4"	120 mm - 4 3/4"
<b>tk 11950-08</b>	<b>tk 11950-09</b>	<b>tk 11950-10</b>	<b>tk 11950-12</b>



DE BAKEY



70 mm - 2 3/4"	80 mm - 3 1/4"	100 mm - 4"	115 mm - 4 1/2"	55 mm - 2 1/4"
<b>tk 11951-08</b>	<b>tk 11951-09</b>	<b>tk 11951-10</b>	<b>tk 11951-12</b>	<b>tk 11951-05</b>

abgewinkelt  
*angled on flat*  
coudée sur le plat  
*angulado*  
angolato

**Bulldogklemmen**  
*Bulldog clamps*

Clamps Bulldog  
*Clamps Bulldog*  
Pinze Bulldog



GLOVER				
	60 mm - 2 1/2"	70 mm - 2 3/4"	90 mm - 3 1/2"	110 mm - 4 1/4"
	<b>tk 11944-06</b>	<b>tk 11944-07</b>	<b>tk 11944-09</b>	<b>tk 11944-11</b>



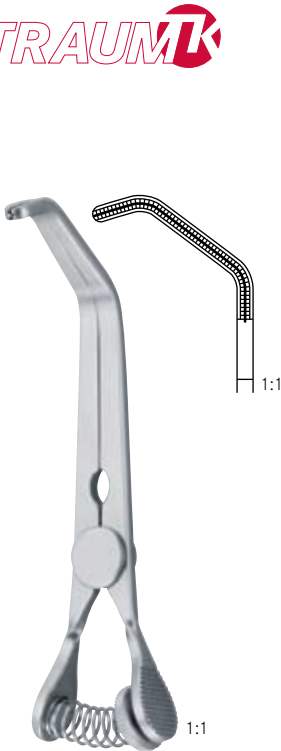
GLOVER					
	55 mm - 2 1/4"	65 mm - 2 1/2"	85 mm - 3 1/4"	105 mm - 4 1/4"	50 mm - 2"
	<b>tk 11945-06</b>	<b>tk 11945-07</b>	<b>tk 11945-09</b>	<b>tk 11945-11</b>	<b>tk 11945-05</b>

abgewinkelt  
*angled on flat*  
coudée sur le plat  
*angulado*  
angolato

Bulldogklemmen  
*Bulldog clamps*

Clamps Bulldog  
*Clamps Bulldog*  
Pinze Bulldog

**ATRAUMTK**



**DE BAKEY-SATINSKY**

70 mm - 2¾"

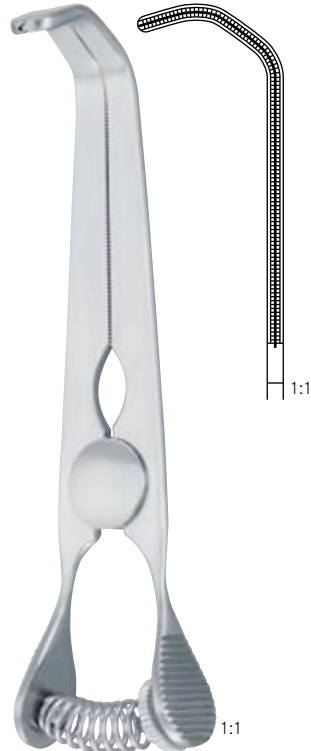
**tk 11953-07**



**DE BAKEY-CAROTIS**

90 mm - 3½"

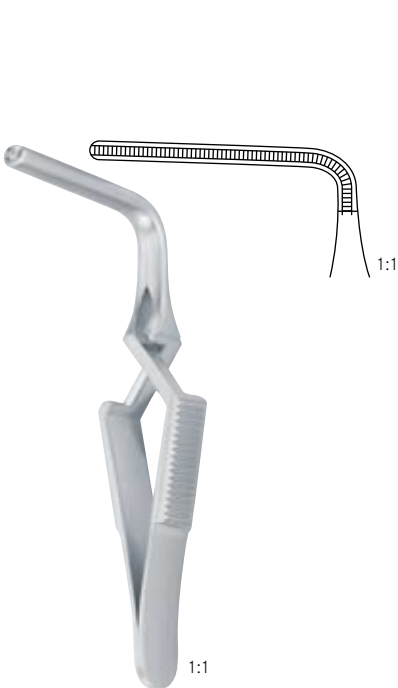
**tk 11953-09**



**DE BAKEY-SATINSKY**

100 mm - 4"

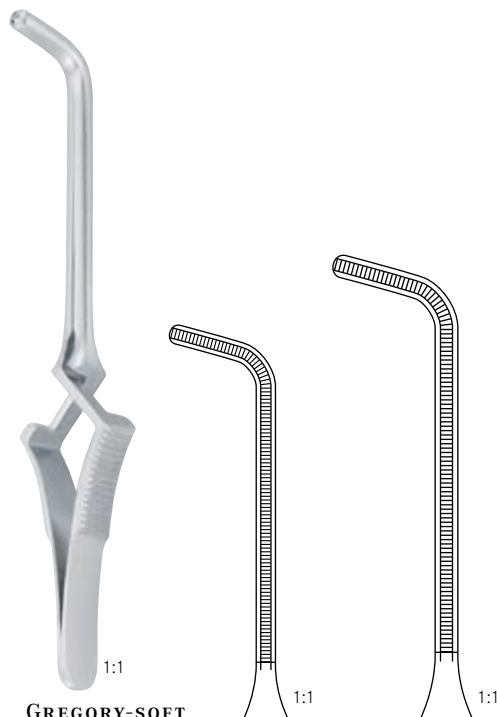
**tk 11953-10**



**SANTULLI**

70 mm - 2¾"

**tk 11957-07**



**GREGORY-SOFT**

90 mm - 3½"

**tk 11959-09**

110 mm - 4¼"

**tk 11959-11**

**Bulldogklemmen**  
*Bulldog clamps*

Clamps Bulldog  
*Clamps Bulldog*  
Pinze Bulldog



<b>COOLEY</b>				
	80 mm - 3 1/4"	90 mm - 3 1/2"	105 mm - 4 1/4"	125 mm - 5"
	<b>tk 11942-08</b>	<b>tk 11942-09</b>	<b>tk 11942-10</b>	<b>tk 11942-12</b>

<b>COOLEY</b>				
	75 mm - 3"	85 mm - 3 1/4"	95 mm - 3 3/4"	115 mm - 4 1/2"
	<b>tk 11943-07</b>	<b>tk 11943-08</b>	<b>tk 11943-09</b>	<b>tk 11943-11</b>



**ENDOSCOPY**



Endoskopie | Endoscopie  
Endoscopy | Endoscopia  
Endoscopia



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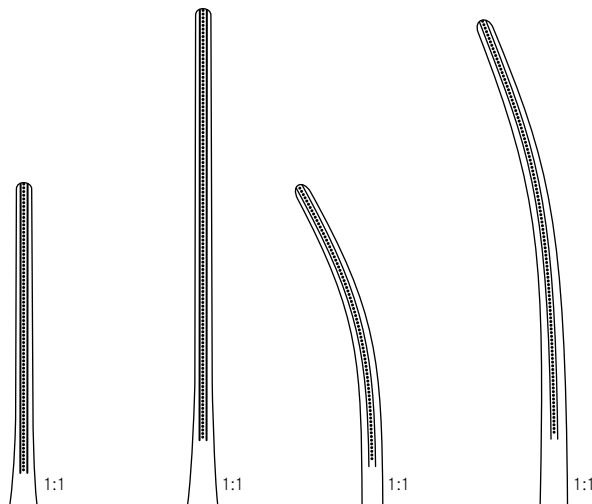
Per favore domandate per il nostro catalogo endoscopia.

**Mehrzweck - Gefäßklemmen**  
*Multi purpose vascular clamps*

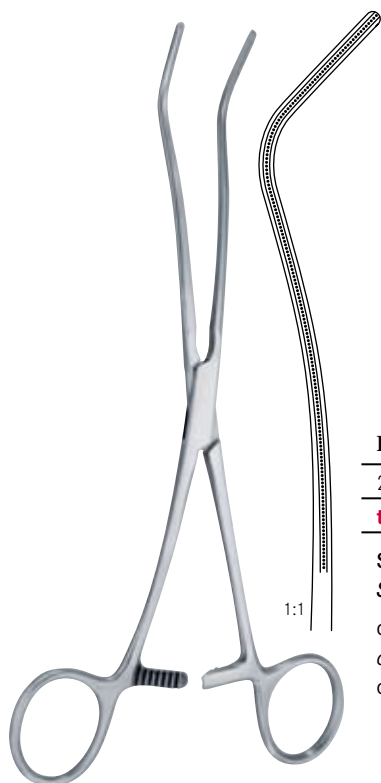
Pinces vasculaires universelles  
*Pinzas vasculares de usos múltiples*  
 Pinze vascolari universali



**BAINBRIDGE,  
 LIGHT**



150 mm - 6"	180 mm - 7"	150 mm - 6"	180 mm - 7"
<b>tk 22045-15</b>	<b>tk 22045-18</b>	<b>tk 22046-15</b>	<b>tk 22046-18</b>



**DE BAKEY**

200 mm - 8"

**tk 22047-20**

**S-förmig gebogen**  
*S-curved*

*courbe en S*  
*curva en S*  
*curva a forma S*

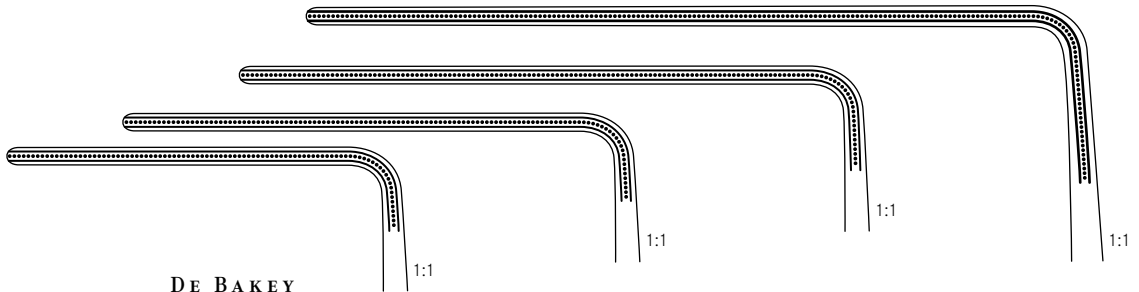
1:1

1:2

Mehrzweck - Gefäßklemmen  
*Multi purpose vascular clamps*

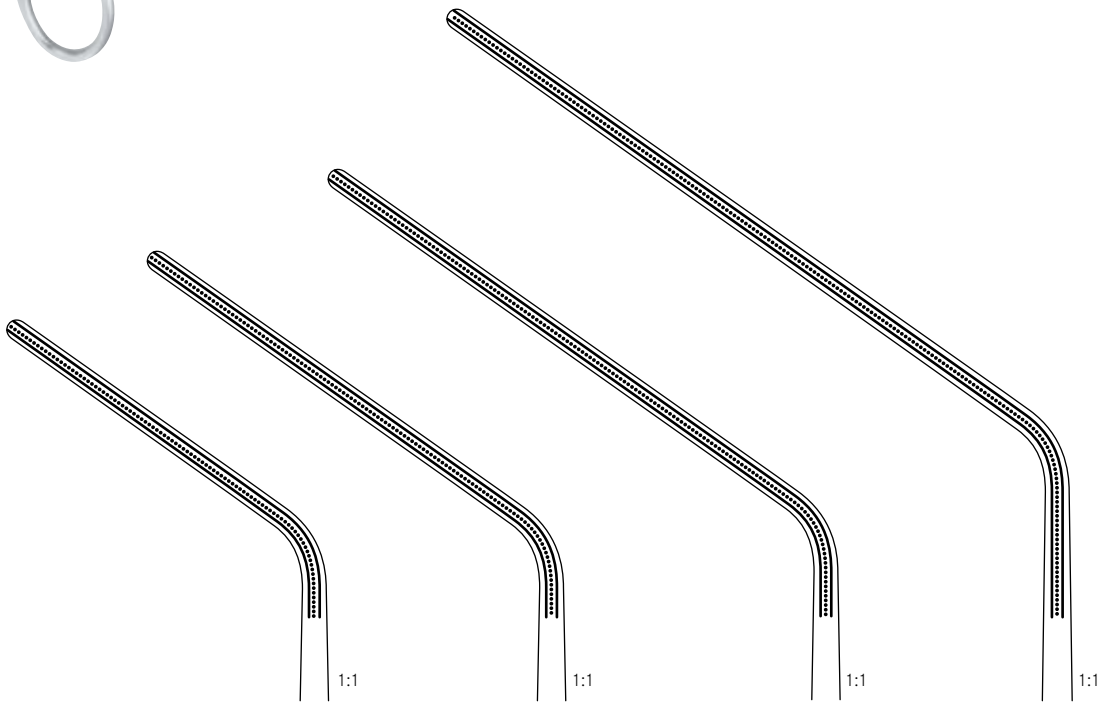
Pinces vasculaires universelles  
*Pinzas vasculares de usos múltiples*  
Pinze vascolari universali

**ATRAUM**TK



DE BAKEY

180 mm - 7"	190 mm - 7½"	230 mm - 9"	270 mm - 10¾"
<b>tk 22110-18</b>	<b>tk 22110-19</b>	<b>tk 22110-23</b>	<b>tk 22110-27</b>



200 mm - 8"	210 mm - 8¼"	250 mm - 9¾"	300 mm - 12"
<b>tk 22112-20</b>	<b>tk 22112-21</b>	<b>tk 22112-25</b>	<b>tk 22112-29</b>

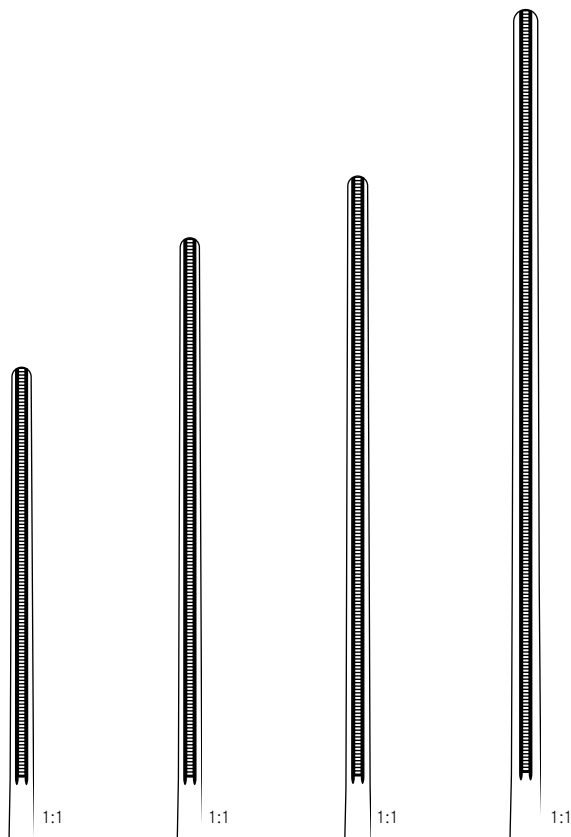


Mehrzweck - Gefäßklemmen  
*Multi purpose vascular clamps*

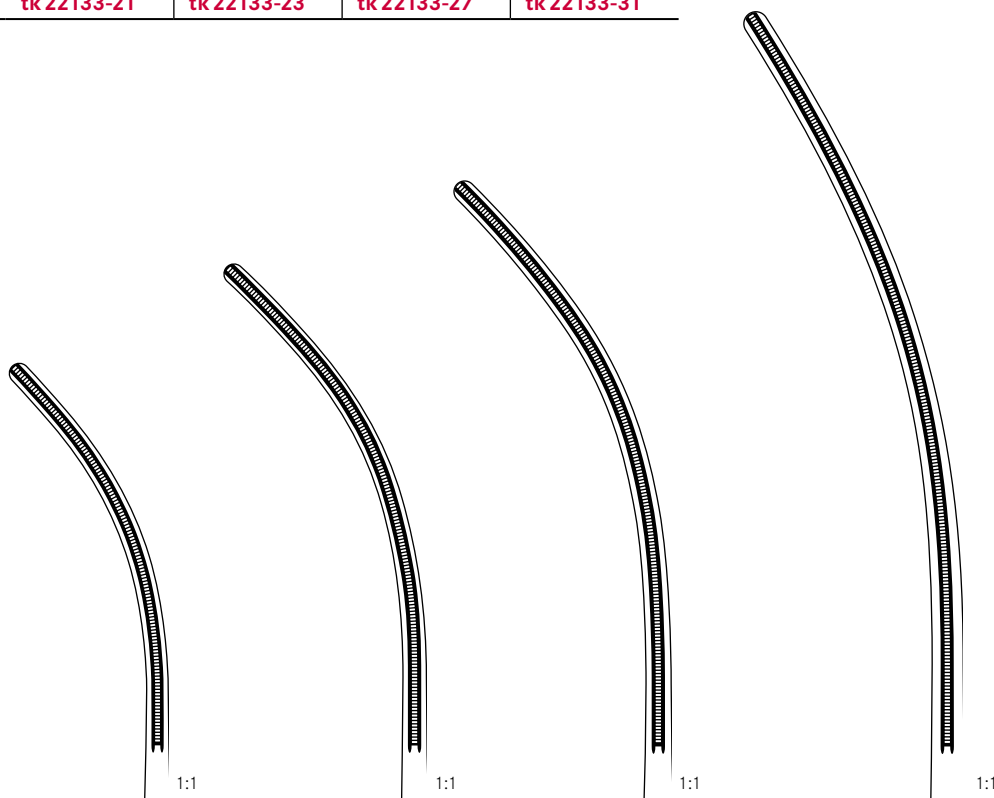
Pinces vasculaires universelles  
*Pinzas vasculares de usos múltiples*  
 Pinze vascolari universali



DE BAKEY



215 mm - 8½"	230 mm - 9"	270 mm - 10¾"	315 mm - 12½"
<b>tk 22133-21</b>	<b>tk 22133-23</b>	<b>tk 22133-27</b>	<b>tk 22133-31</b>



215 mm - 8½"	230 mm - 9"	270 mm - 10¾"	315 mm - 12½"
<b>tk 22135-21</b>	<b>tk 22135-23</b>	<b>tk 22135-27</b>	<b>tk 22135-31</b>

**Mehrzweck-Gefäßklemmen**  
*Multi purpose vascular clamps*

Pinces vasculaires universelles  
*Pinzas vasculares de usos múltiples*  
Pinze vascolari universali

**ATRAUMTK**

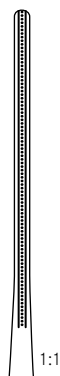


<b>DARDIK</b>				
	1:1	1:1	1:1	1:1
	0°	15°	30°	45°
170 mm - 6 3/4"	<b>tk 22545-00</b>	<b>tk 22545-15</b>	<b>tk 22545-30</b>	<b>tk 22545-45</b>

	1:1
	90°
160 mm - 6 1/4"	<b>tk 22545-90</b>

**Mehrzweck - Gefäßklemmen**  
**Multi purpose vascular clamps**

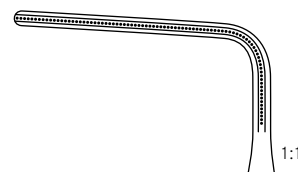
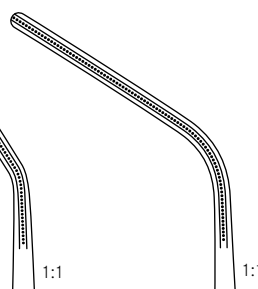
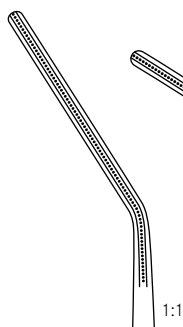
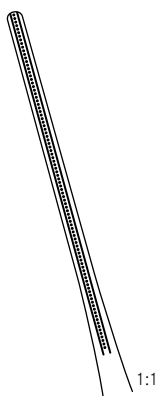
Pinces vasculaires universelles  
 Pinzas vasculares de usos múltiples  
 Pinze vascolari universali



DE BAKEY

170 mm - 6 3/4"
<b>tk 22037-01</b>

gerade  
 straight  
 droite  
 recta  
 retta



DE BAKEY

170 mm - 6 3/4"	160 mm - 6 1/4"	150 mm - 6"	140 mm - 5 1/2"
<b>tk 22043-17</b>	<b>tk 22039-16</b>	<b>tk 22041-15</b>	<b>tk 22042-15</b>

kniegebogen  
 angled on flat  
 coudée sur le plat  
 acodada  
 angolata




Mehrzweck-Gefäßklemmen  
*Multi purpose vascular clamps*

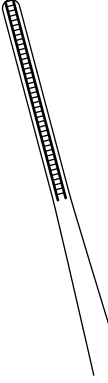
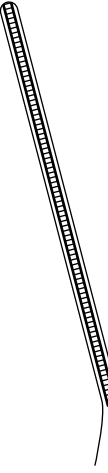
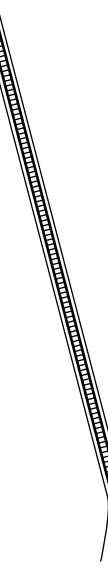
Pinces vasculaires universelles  
*Pinzas vasculares de usos múltiples*  
Pinze vascolari universali

**ATRAUM**TK



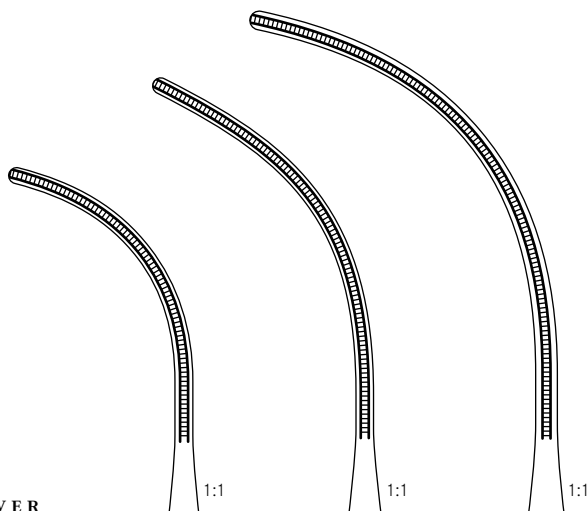
**GLOVER**

		
1:1	1:1	1:1
205 mm - 8"	220 mm - 8¾"	260 mm - 10¼"
<b>tk 22060-20</b>	<b>tk 22060-22</b>	<b>tk 22060-26</b>

		
1:1	1:1	1:1
205 mm - 8"	220 mm - 8¾"	260 mm - 10¼"
<b>tk 22061-20</b>	<b>tk 22061-22</b>	<b>tk 22061-26</b>
abgewinkelt <i>angled on flat</i> coudé sur le plat <i>angulado</i> angolato	abgewinkelt <i>angled on flat</i> coudé sur le plat <i>angulado</i> angolato	abgewinkelt <i>angled on flat</i> coudé sur le plat <i>angulado</i> angolato

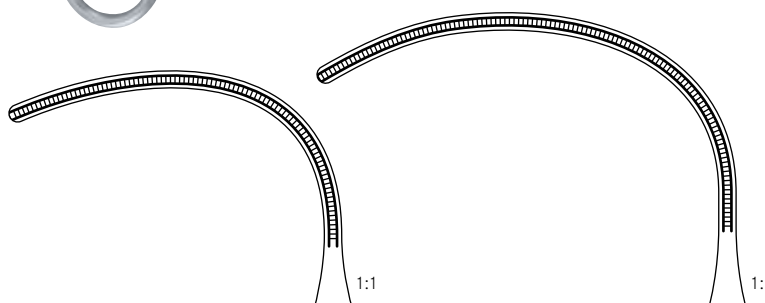
Mehrzweck - Gefäßklemmen  
*Multi purpose vascular clamps*

Pinces vasculaires universelles  
*Pinzas vasculares de usos múltiples*  
 Pinze vascolari universali



**GLOVER**

170 mm - 6 <sup>3</sup> / <sub>4</sub> "	210 mm - 8 <sup>1</sup> / <sub>4</sub> "	240 mm - 9 <sup>1</sup> / <sub>2</sub> "
<b>tk 22079-17</b>	<b>tk 22079-22</b>	<b>tk 22079-24</b>



185 mm - 7 <sup>1</sup> / <sub>4</sub> "	220 mm - 8 <sup>3</sup> / <sub>4</sub> "
<b>tk 22078-18</b>	<b>tk 22078-22</b>

Mehrzweck-Gefäßklemmen  
Multi purpose vascular clamps

Pinces vasculaires universelles  
Pinzas vasculares de usos múltiples  
Pinze vascolari universali

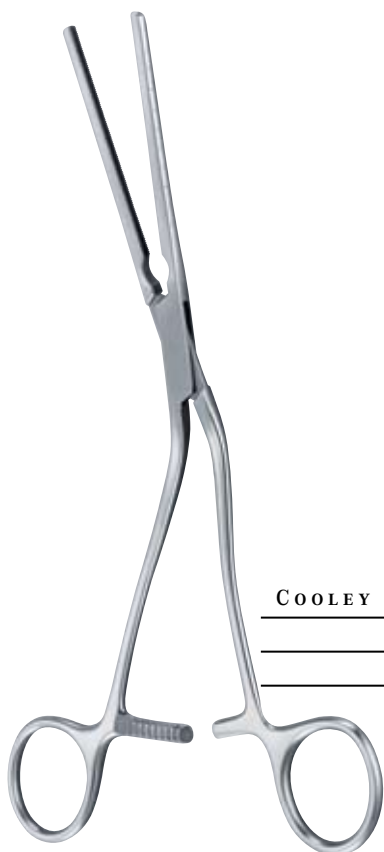
ATRAUMTK



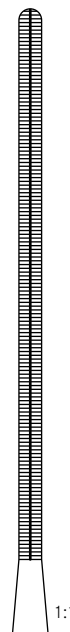
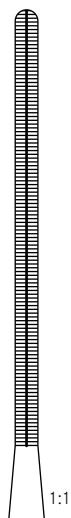
COOLEY			
120 mm - 4 <sup>3</sup> / <sub>4</sub> "	<b>tk 22562-01</b>	<b>tk 22562-02</b>	<b>tk 22562-03</b>
gerade <i>straight</i> droit <i>recta</i> retta	gebogen <i>curved</i> courbe <i>curva</i> curva	S-förmig gebogen <i>S-curved</i> courbe en S <i>curva en S</i> curva a forma S	
COOLEY			
120 mm - 4 <sup>3</sup> / <sub>4</sub> "	<b>tk 22562-04</b>	<b>tk 22562-05</b>	<b>tk 22562-06</b>
seitlich gewinkelt <i>sidewards angled</i> coudé vers la coté <i>angulado al lado</i> angolata lateralmente	abgewinkelt <i>angled on flat</i> coudé sur le plat <i>angulado</i> angolato	90° abgewinkelt <i>90° angled on flat</i> 90° coudé sur le plat <i>90° angulado</i> 90° angolato	

Mehrzweck - Gefäßklemmen  
*Multi purpose vascular clamps*

Pinces vasculaires universelles  
*Pinzas vasculares de usos múltiples*  
 Pinze vascolari universali



COOLEY



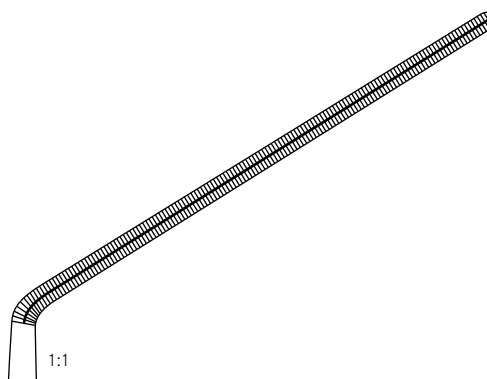
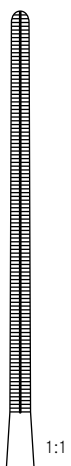
210 mm - 8 1/4"	250 mm - 9 3/4"
<b>tk 22552-21</b>	<b>tk 22552-25</b>

seitwärts abgewinkelt  
*sidewards angled on flat*  
 coudé vers la coté  
*angulado al lado*  
 angolata lateralmente

seitwärts abgewinkelt  
*sidewards angled on flat*  
 coudé vers la coté  
*angulado al lado*  
 angolata lateralmente



COOLEY



180 mm - 7"	185 mm - 7 1/4"
<b>tk 22560-18</b>	<b>tk 22561-18</b>

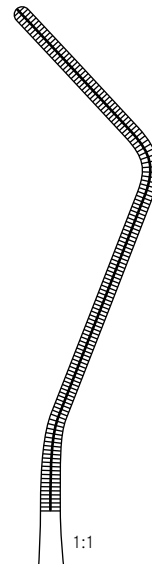
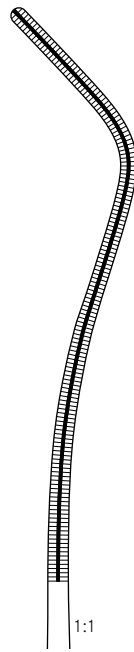
gerade  
*straight*  
 droite  
*recta*  
 retta

abgewinkelt  
*angled on flat*  
 coudé sur le plat  
*angulado*  
 angolata

Mehrzweck-Gefäßklemmen  
*Multi purpose vascular clamps*

Pinces vasculaires universelles  
*Pinzas vasculares de usos múltiples*  
Pinze vascolari universali

**ATRAUMTK**



COOLEY

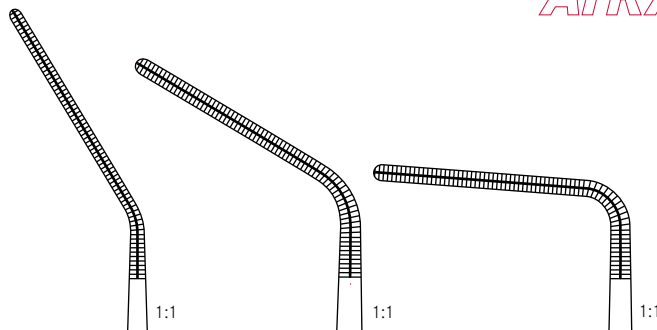
200 mm - 8"	195 mm - 7¾"
<b>tk 22505-20</b>	<b>tk 22505-19</b>

graduiert  
*graduated*  
gradué  
*graduado*  
graduato



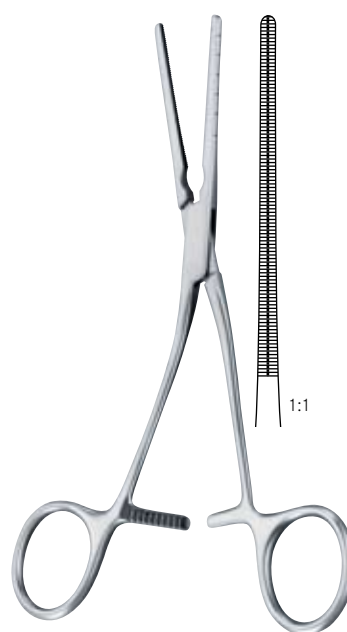
Mehrzweck - Gefäßklemmen  
*Multi purpose vascular clamps*

Pinces vasculaires universelles  
*Pinzas vasculares de usos múltiples*  
 Pinze vascolari universali



COOLEY			
	165 mm - 6½"	160 mm - 6¼"	145 mm - 5¾"
	25°	45°	90°
	<b>tk 22500-17</b>	<b>tk 22501-15</b>	<b>tk 22502-15</b>

graduiert  
*graduated*  
 gradué  
*graduado*  
 graduato



COOLEY  
 PATENT DUCTUS CLAMP

160 mm - 6¼"	<b>tk 22520-01</b>	<b>tk 22607-16</b>
170 mm - 6¾"	<b>tk 22610-17</b>	<b>tk 22524-17</b>
200 mm - 8"	<b>tk 22610-20</b>	
210 mm - 8¼"	<b>tk 22507-21</b>	
230 mm - 9"	<b>tk 22610-23</b>	<b>tk 22607-23</b>

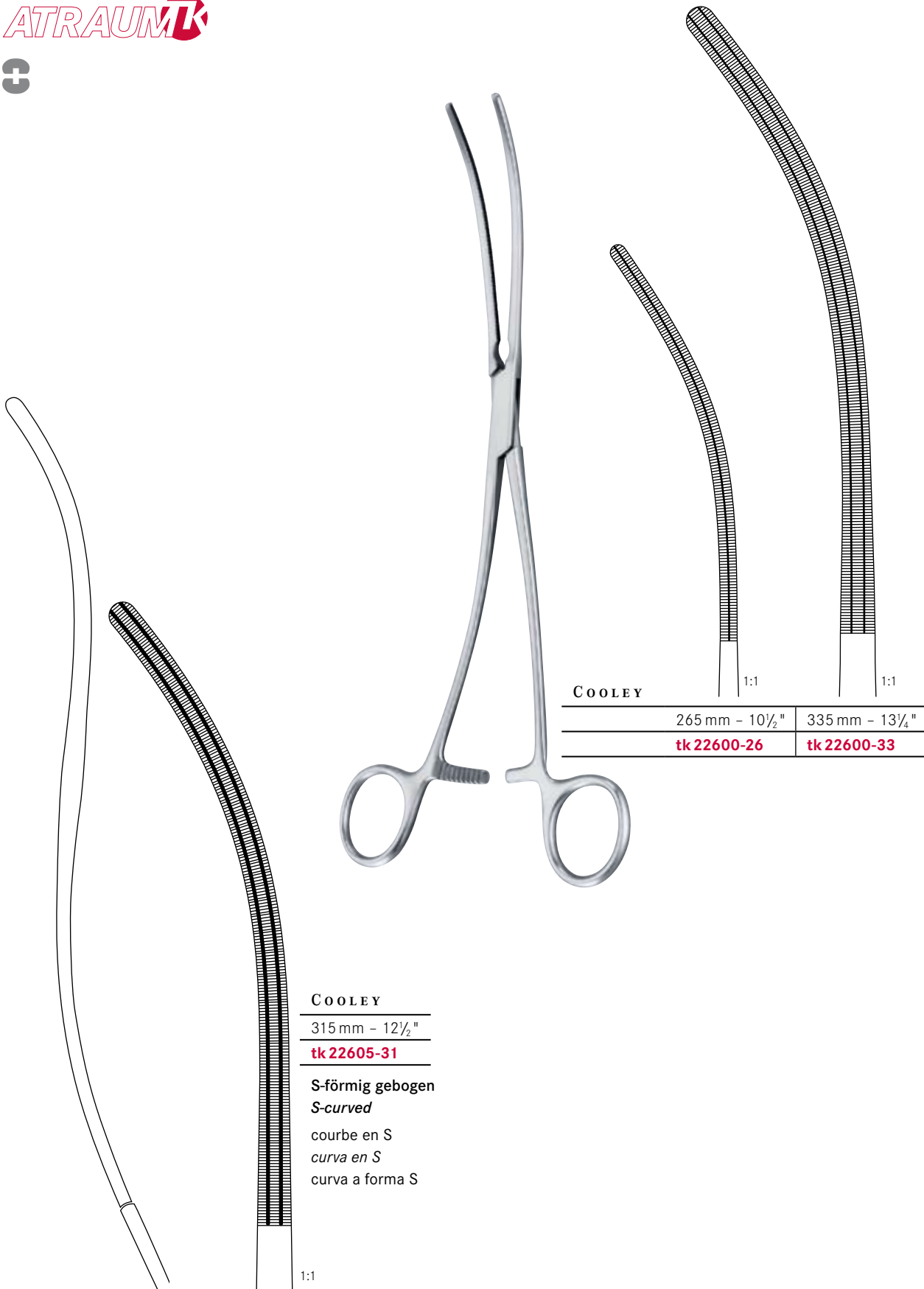
graduiert  
*graduated*  
 gradué  
*graduado*  
 graduato

abgewinkelt, graduiert  
*angled on flat, graduated*  
 coudée sur le plat, graduée  
*angulada, graduada*  
 angolata, graduata

Mehrzweck - Gefäßklemmen  
*Multi purpose vascular clamps*

Pinces vasculaires universelles  
*Pinzas vasculares de usos múltiples*  
Pinze vascolari universali

**ATRAUMTK**



COOLEY	
265 mm - 10½"	335 mm - 13¼"
<b>tk 22600-26</b>	<b>tk 22600-33</b>

COOLEY
315 mm - 12½"
<b>tk 22605-31</b>

S-förmig gebogen  
*S-curved*  
courbe en S  
*curva en S*  
curva a forma S

1:1

**Anastomoseklemmen**  
*Anastomosis clamps*

Pinces-clamps pour anastomose  
*Pinzas para anastomosis*  
Pinze per anastomosi



**DERRA**

160 mm - 6¼"	170 mm - 6¾"	180 mm - 7"
<b>tk 22052-16</b>	<b>tk 22052-17</b>	<b>tk 22052-18</b>



**BECK**

170 mm - 6¾"
<b>tk 22065-17</b>



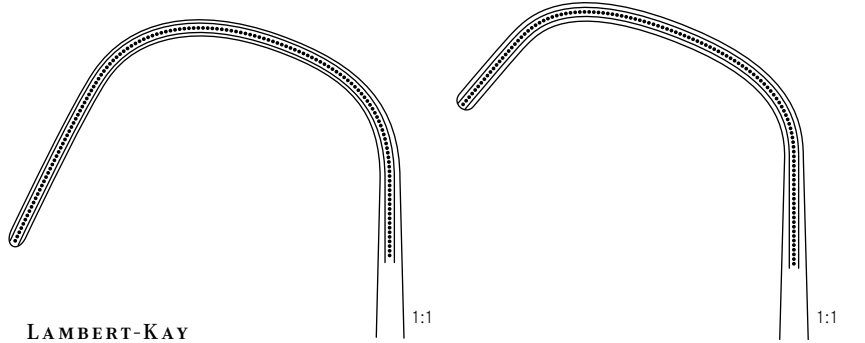
**POTTS**

220 mm - 8¾"
<b>tk 22081-22</b>

Anastomoseklemmen  
*Anastomosis clamps*

Pinces-clamps pour anastomose  
*Pinzas para anastomosis*  
Pinze per anastomosi

**ATRAUMTK**



LAMBERT-KAY

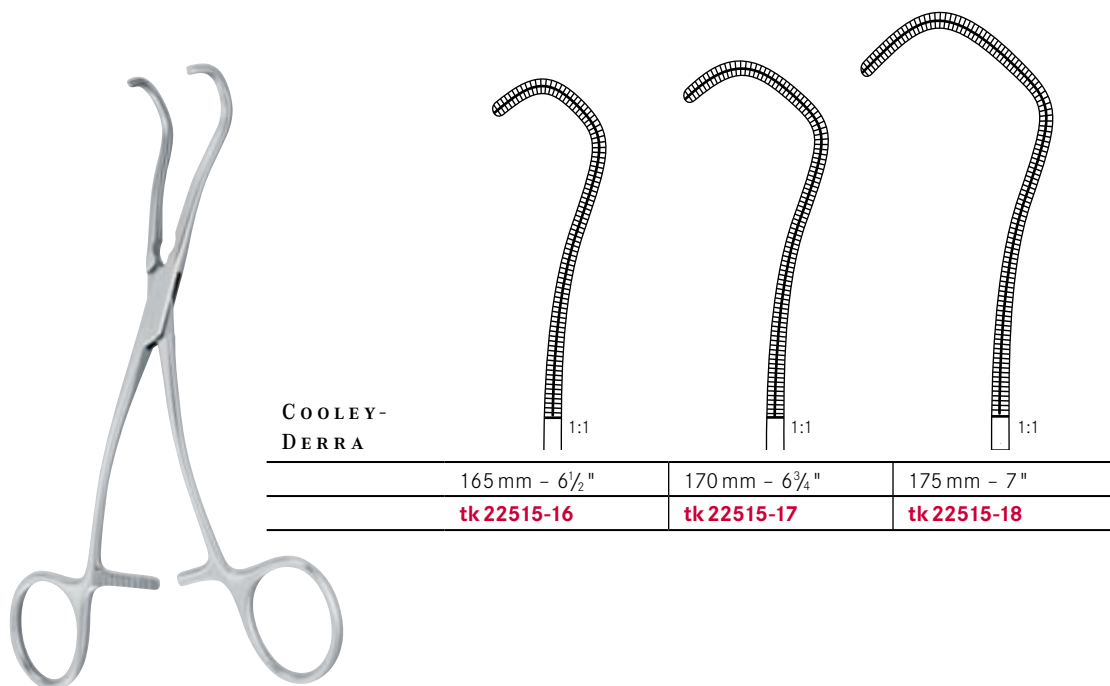
200 mm - 8"

**tk 22138-21**

**tk 22139-21**

Anastomoseklemmen  
*Anastomosis clamps*

Pinces-clamps pour anastomose  
*Pinzas para anastomosis*  
 Pinze per anastomosi



**COOLEY-DERRA**

165 mm - 6½"	170 mm - 6¾"	175 mm - 7"
<b>tk 22515-16</b>	<b>tk 22515-17</b>	<b>tk 22515-18</b>

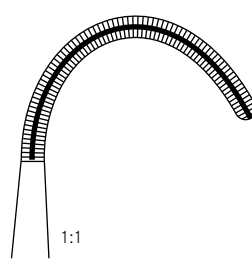
Anastomoseklemmen  
*Anastomosis clamps*

Pinces-clamps pour anastomose  
*Pinzas para anastomosis*  
Pinze per anastomosi

**ATRAUM**TK



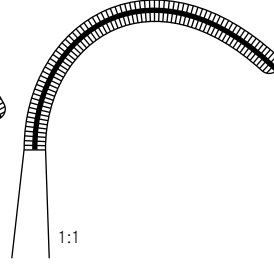
COOLEY-  
BECK



1:1

150 mm - 6"

**tk 22555-15**



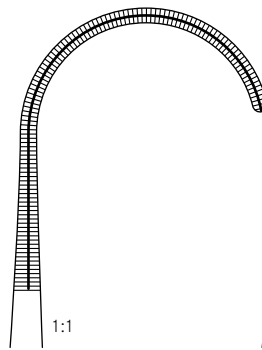
1:1

155 mm - 6"

**tk 22555-16**



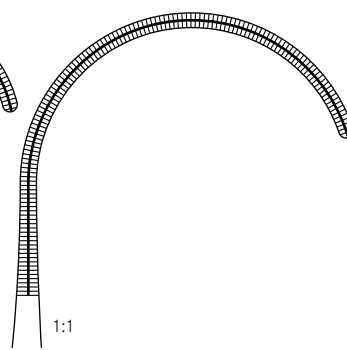
COOLEY



1:1

150 mm - 6"

**tk 22522-16**



1:1

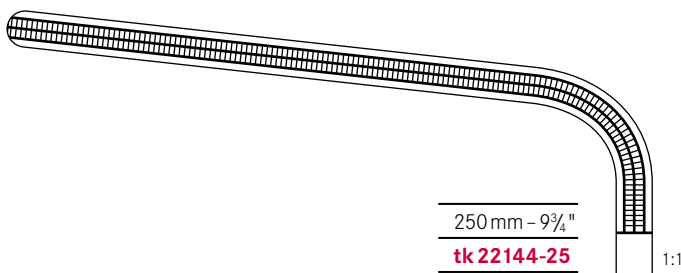
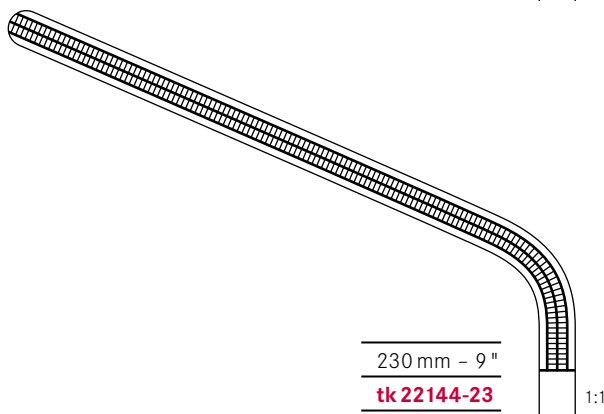
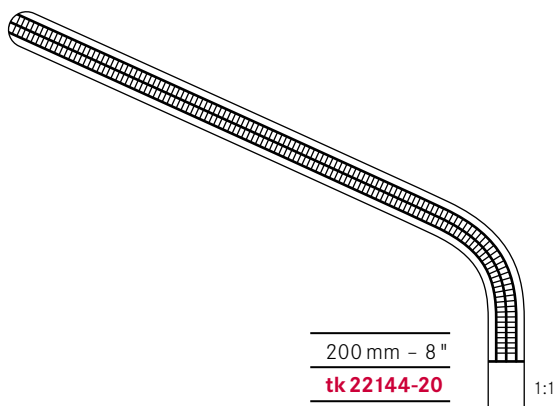
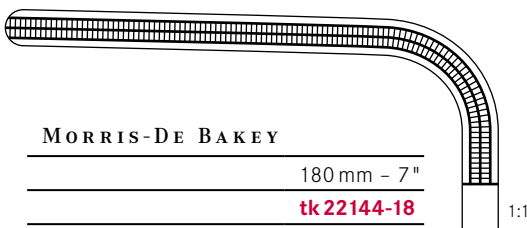
160 mm - 6 $\frac{1}{4}$ "

**tk 22522-17**

**Aortaklemmen**  
**Aorta clamps**

Pinces-clamps pour l'aorte  
Pinzas aórticas  
Pinze per aorta

**ATRAUMTK**



Aortaklemmen  
*Aorta clamps*

Pinces-clamps pour l'aorte  
*Pinzas aórticas*  
Pinze per aorta

**ATRAUM**TK



WEBER

260 mm - 10 $\frac{1}{4}$ "

**tk 22140-26**

links gebogen  
*curved left*

courbe à gauche  
*curva a la izquierda*  
curvata a sinistra



260 mm - 10 $\frac{1}{4}$ "

**tk 22141-26**

rechts gebogen  
*curved right*

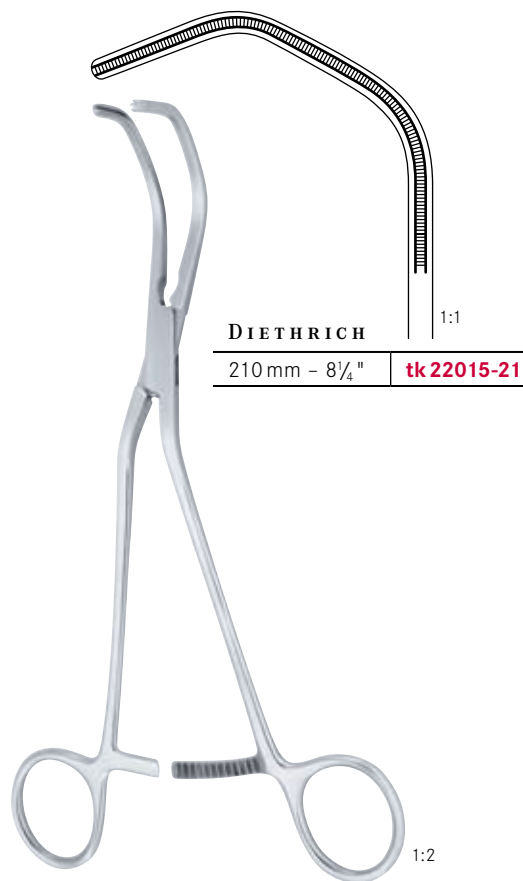
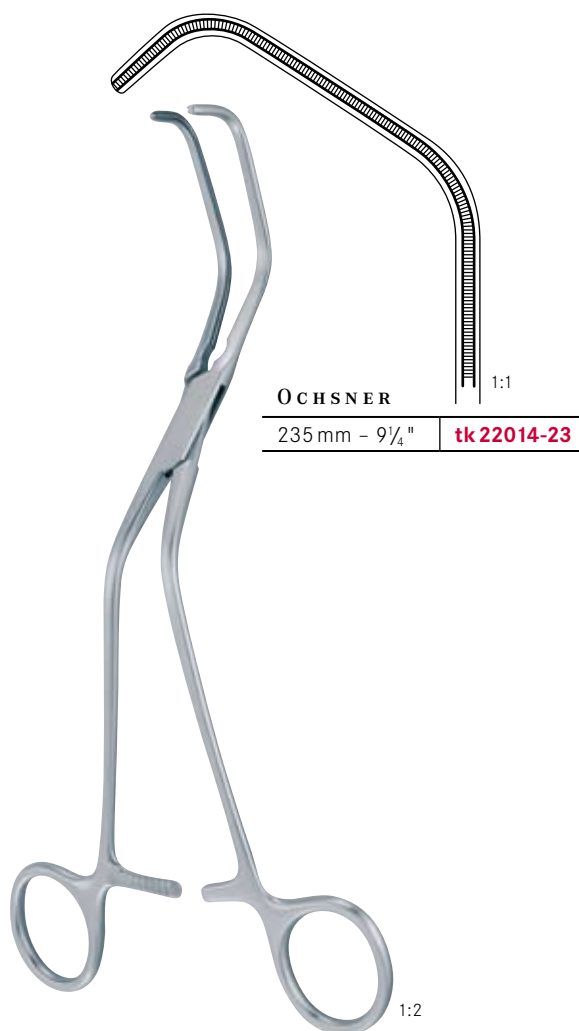
courbe à droite  
*curva a la derecha*  
curvata a destra



**Aortaklemmen**  
**Aorta clamps**

Pinces-clamps pour l'aorte  
Pinzas aórticas  
Pinze per aorta

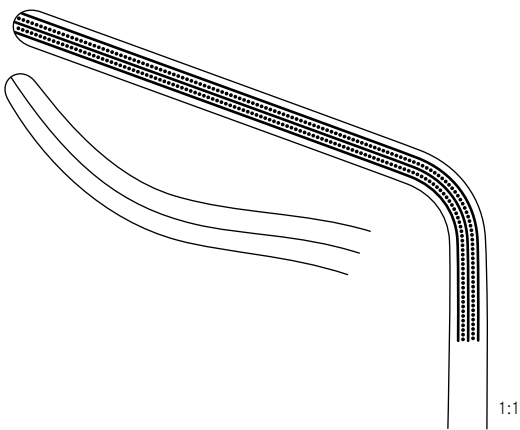
**ATRAUMTK**



Aortaklemmen  
*Aorta clamps*

Pinces-clamps pour l'aorte  
*Pinzas aórticas*  
Pinze per aorta

**ATRAUMTK**



**DE B AKEY**

270 mm - 10<sup>3</sup>/<sub>4</sub>"

**tk 22116-27**

**Aorta-Aneurysmenklemmen**  
**Aorta aneurysm clamps**

Pinces-clamps pour anévrismes de l'aorte  
*Pinzas para aneurisma aórtica*  
Pinze per aneurisma della aorta

**ATRAUMTK**



**DE BAKEY**

280 mm - 11"

**tk 22136-28**

300 mm - 11<sup>3</sup>/<sub>4</sub>"

**tk 22137-30**

**S-förmig gebogen**

**S-curved**

*courbe en S*

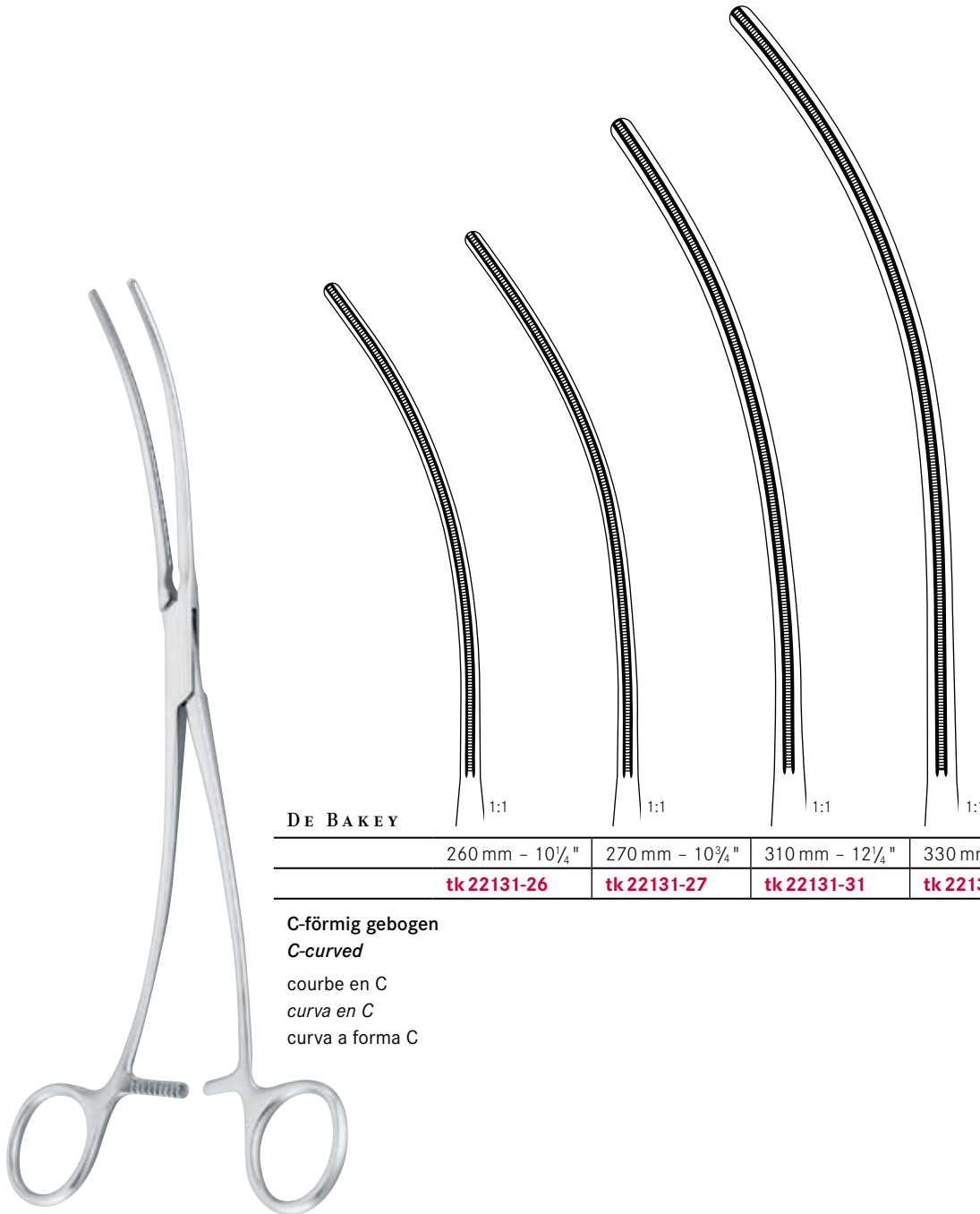
*curva en S*

*curva a forma S*

Aorta-Aneurysmenklemmen  
*Aorta aneurysm clamps*

Pinces-clamps pour anévrismes de l'aorte  
*Pinzas para aneurisma aórtica*  
Pinze per aneurisma della aorta

**ATRAUM**TK



DE BAKEY

260 mm - 10 $\frac{1}{4}$ "	270 mm - 10 $\frac{3}{4}$ "	310 mm - 12 $\frac{1}{4}$ "	330 mm - 13 $\frac{3}{4}$ "
<b>tk 22131-26</b>	<b>tk 22131-27</b>	<b>tk 22131-31</b>	<b>tk 22131-33</b>

C-förmig gebogen

*C-curved*

*courbe en C*

*curva en C*

*curva a forma C*

**Aneurysmenklemmen**  
*Aneurysm clamps*

Pinces-clamps pour anévrismes  
*Pinzas para aneurisma*  
Pinze per aneurisma

**ATRAUMTK**



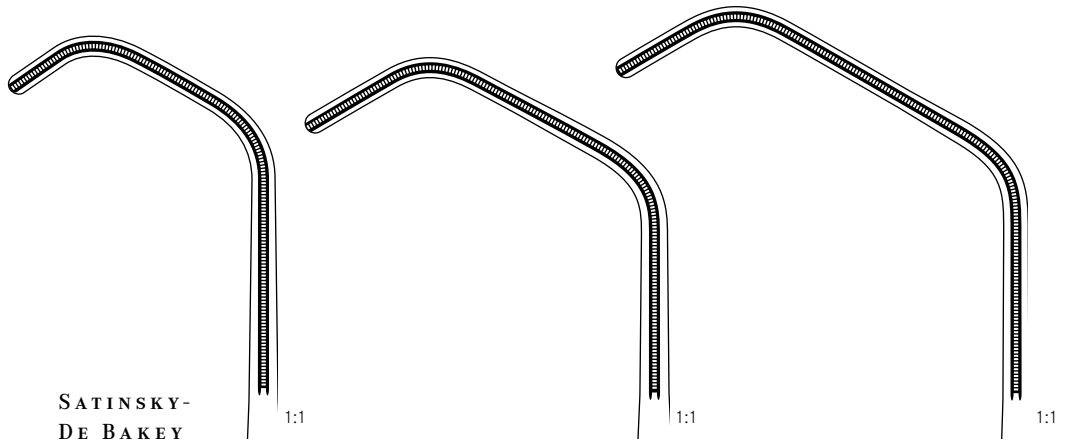
DE BAKKEY-  
BAHNSON

240 mm - 9½"	250 mm - 9¾"	260 cm - 10¼"
<b>tk 22145-23</b>	<b>tk 22145-24</b>	<b>tk 22145-25</b>

Tangentialklemmen  
*Tangential occlusion clamps*

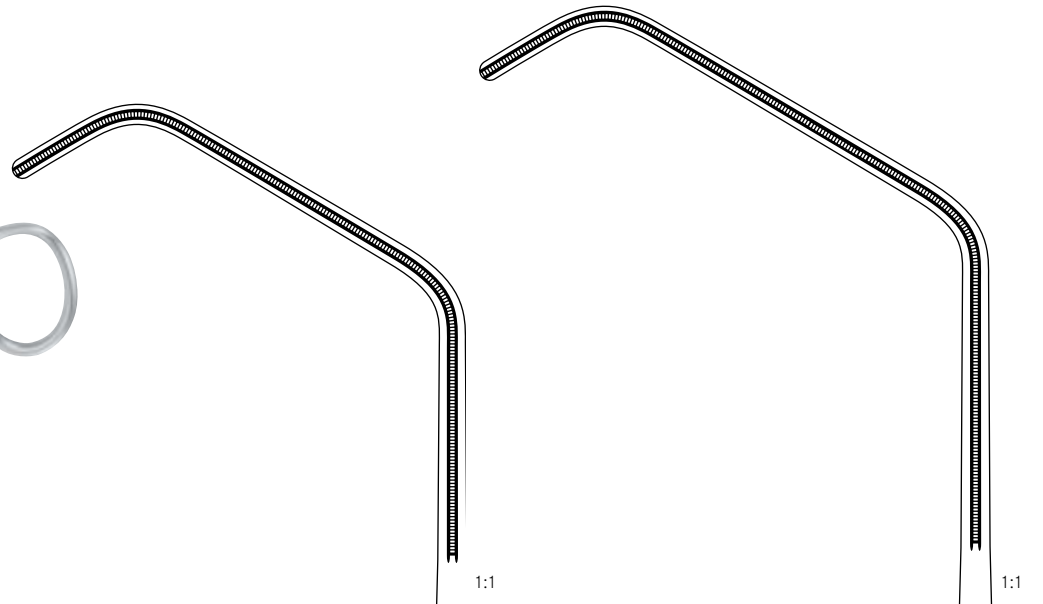
Pinces-clamps pour l'occlusion tangentielle  
*Pinzas para oclusión tangencial*  
Pinze per occlusione tangenziale

**ATRAUM**TK



SATINSKY-  
DE BAKEY

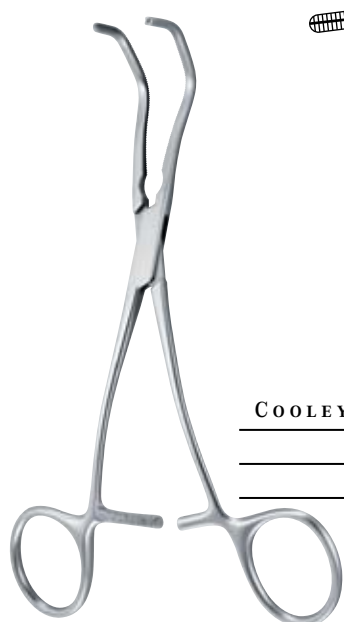
205 mm - 8"	240 mm - 9 <sup>3</sup> / <sub>4</sub> "	250 mm - 10"
<b>tk 22125-20</b>	<b>tk 22125-24</b>	<b>tk 22125-25</b>



265 mm - 10 <sup>1</sup> / <sub>2</sub> "	275 mm - 10 <sup>3</sup> / <sub>4</sub> "
<b>tk 22125-26</b>	<b>tk 22125-27</b>

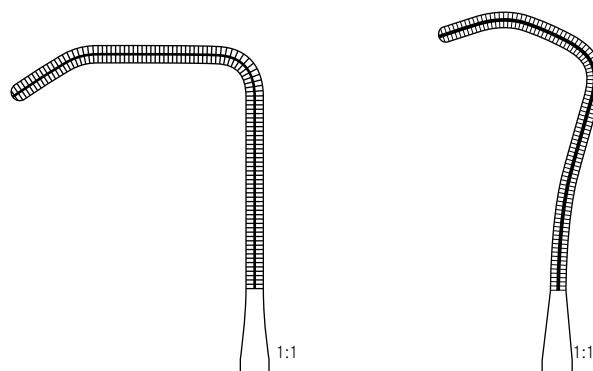
**Tangentialklammern**  
*Tangential occlusion clamps*

Pinces-clamps pour l'occlusion tangentielle  
*Pinzas para oclusión tangencial*  
Pinze per occlusione tangenziale

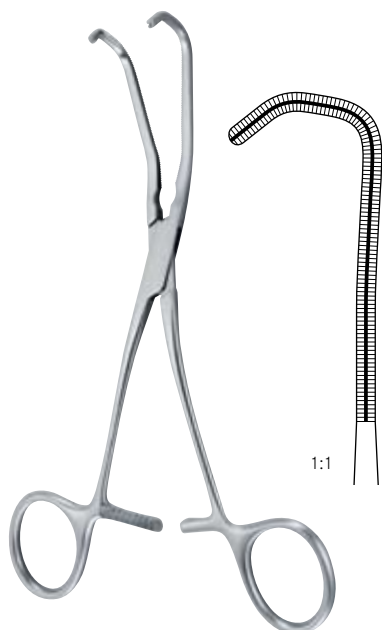


**COOLEY**

175 mm - 7"	175 mm - 7"	165 mm - 6½"
<b>tk 22565-17</b>	<b>tk 22566-17</b>	<b>tk 22567-01</b>



165 mm - 6½"	170 mm - 6¾"
<b>tk 22567-02</b>	<b>tk 22508-16</b>



**COOLEY**

170 mm - 6¾"

**tk 22509-17**

seitlich abgewinkelt  
*sidewards angled*  
coudé vers la coté  
*angulado al lado*  
angolata lateralmente

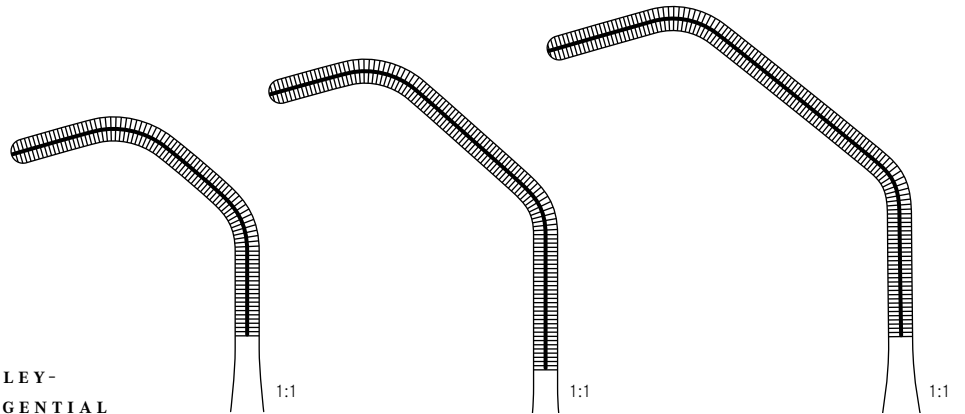
Tangentialklemmen  
*Tangential occlusion clamps*

Pinces-clamps pour l'occlusion tangentielle  
*Pinzas para oclusión tangencial*  
Pinze per occlusione tangenziale

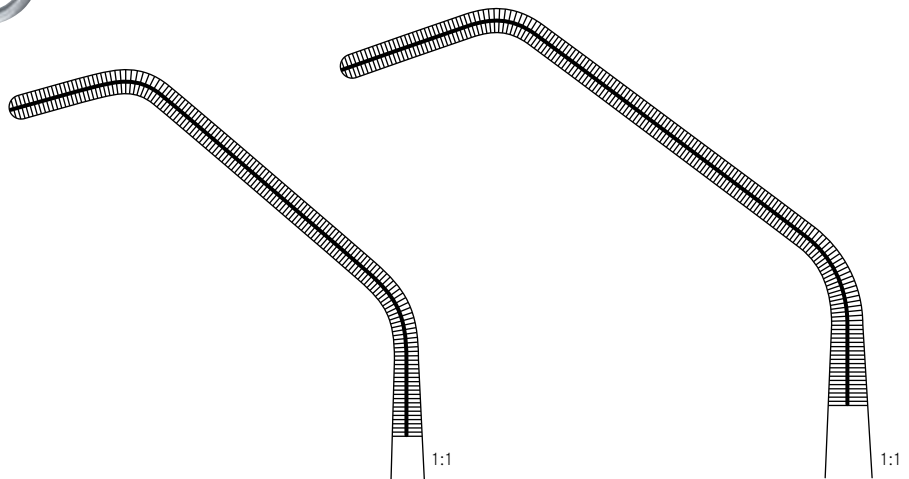
**ATRAUMTK**



COOLEY-  
TANGENTIAL



195 mm - 7 <sup>3</sup> / <sub>4</sub> "	255 mm - 10"	260 mm - 10 <sup>1</sup> / <sub>4</sub> "
<b>tk 22550-19</b>	<b>tk 22550-25</b>	<b>tk 22550-26</b>

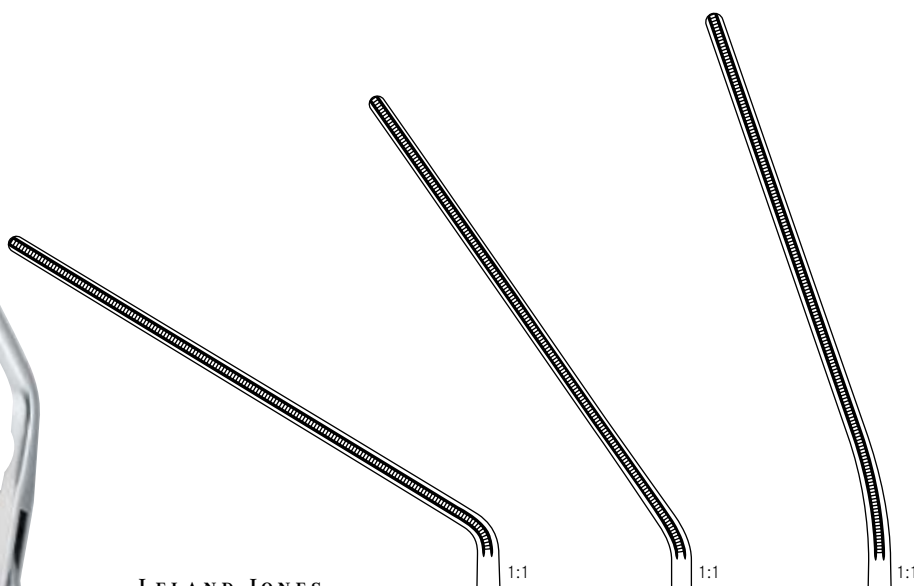


265 mm - 10 <sup>1</sup> / <sub>2</sub> "	270 mm - 10 <sup>3</sup> / <sub>4</sub> "
<b>tk 22550-27</b>	<b>tk 22550-28</b>

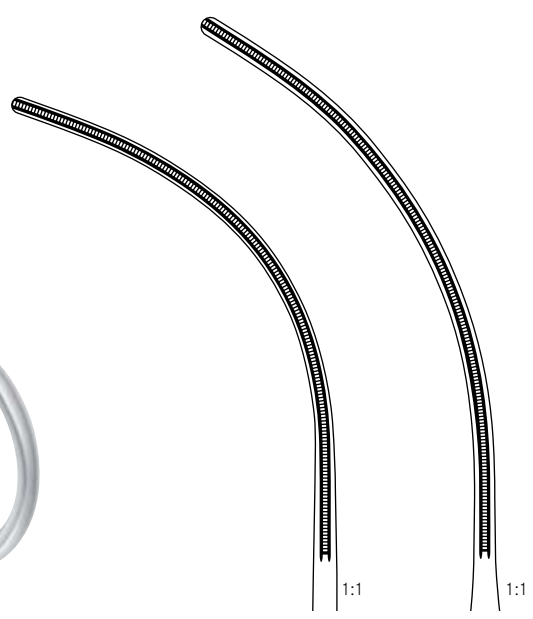


Peripheral-Gefäßklemmen  
*Peripheral vascular clamps*

Pinces-clamps vasculaires périphériques  
*Pinzas para vasos periféricos*  
 Pinze vascolari periferali



<b>LELAND-JONES</b>		
180 mm - 7"	190 mm - 7½"	200 mm - 8"
<b>tk 22056-04</b>	<b>tk 22056-02</b>	<b>tk 22056-03</b>

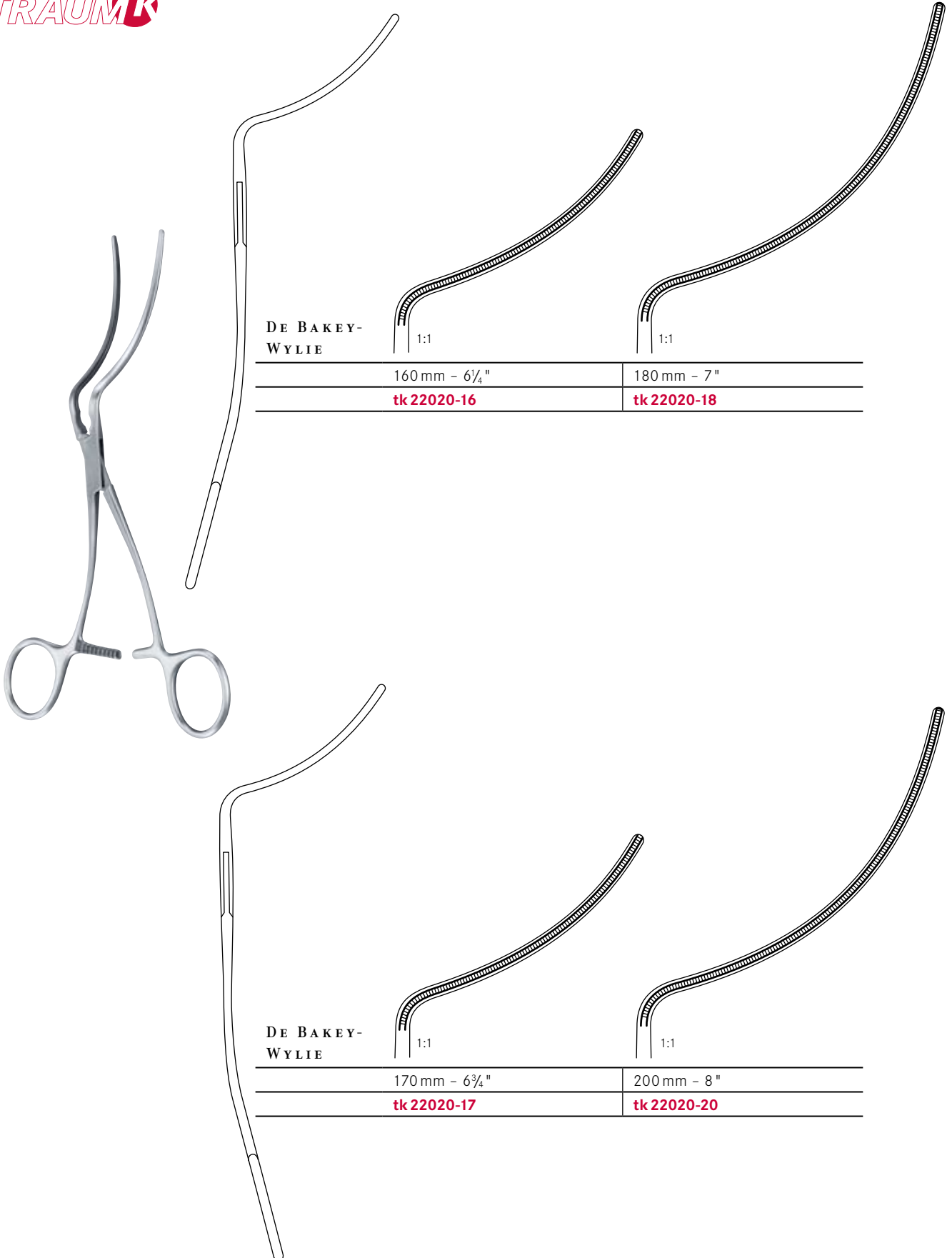


190 mm - 7½"	200 mm - 8"
<b>tk 22049-19</b>	<b>tk 22049-20</b>

Peripheral-Gefäßklemmen  
*Peripheral vascular clamps*

Pinces-clamps vasculaires périphériques  
*Pinzas para vasos periféricos*  
Pinze vascolari periferali

**ATRAUMTK**



DE BAKEY-  
WYLIE

1:1

160 mm - 6¼"

**tk 22020-16**

1:1

180 mm - 7"

**tk 22020-18**

DE BAKEY-  
WYLIE

1:1

170 mm - 6¾"

**tk 22020-17**

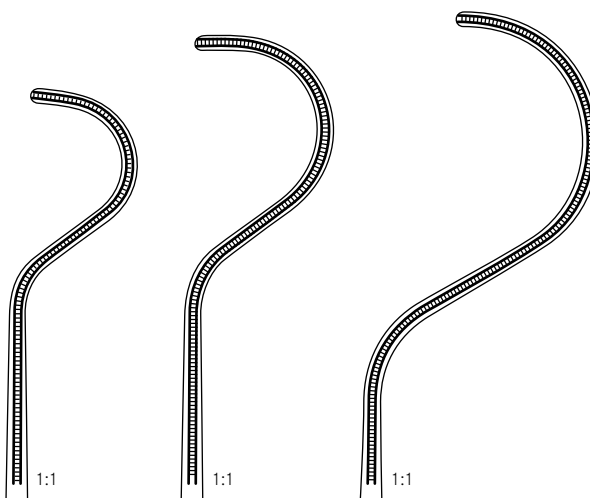
1:1

200 mm - 8"

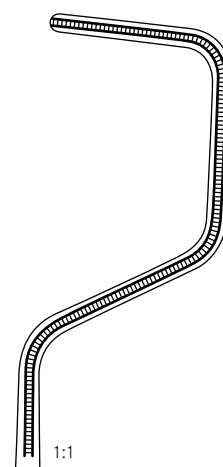
**tk 22020-20**

Peripheral-Gefäßklemmen  
*Peripheral vascular clamps*

Pinces-clamps vasculaires périphériques  
*Pinzas para vasos periféricos*  
 Pinze vascolari periferali



DALE	170 mm - 6 <sup>3</sup> / <sub>4</sub> "	175 mm - 7"	185 mm - 7 <sup>1</sup> / <sub>4</sub> "
	<b>tk 22017-17</b>	<b>tk 22017-18</b>	<b>tk 22017-19</b>



185 mm - 7 <sup>1</sup> / <sub>4</sub> "
<b>tk 22016-18</b>

Präparier- und Ligaturklemmen  
*Dissecting and ligature forceps*

Pinces à disséquer et à ligatures  
*Pinzas para preparaciones y ligaduras*  
Pinze per preparazioni e legature

**ATRAUMTK**



**Ligaturklemmen**  
**Ligature forceps**

Pinces à ligatures  
Pinzas para ligaduras  
Pinze per legature

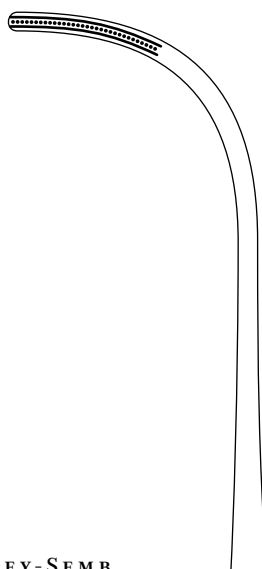
**ATRAUMTK**



1:2

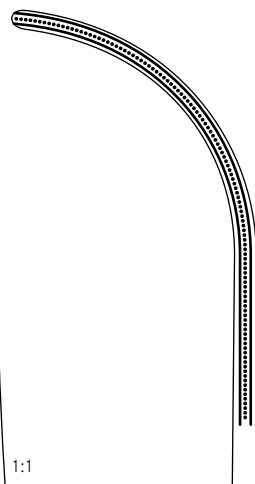
**DE BAKY-SEMB**

240 mm - 9½"



1:1

**tk 22117-24**



1:1

**tk 22118-24**



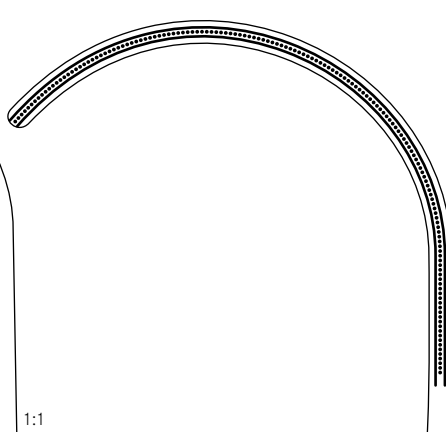
**DE BAKY**

250 mm - 10"

**tk 22120-25**



1:1



1:1

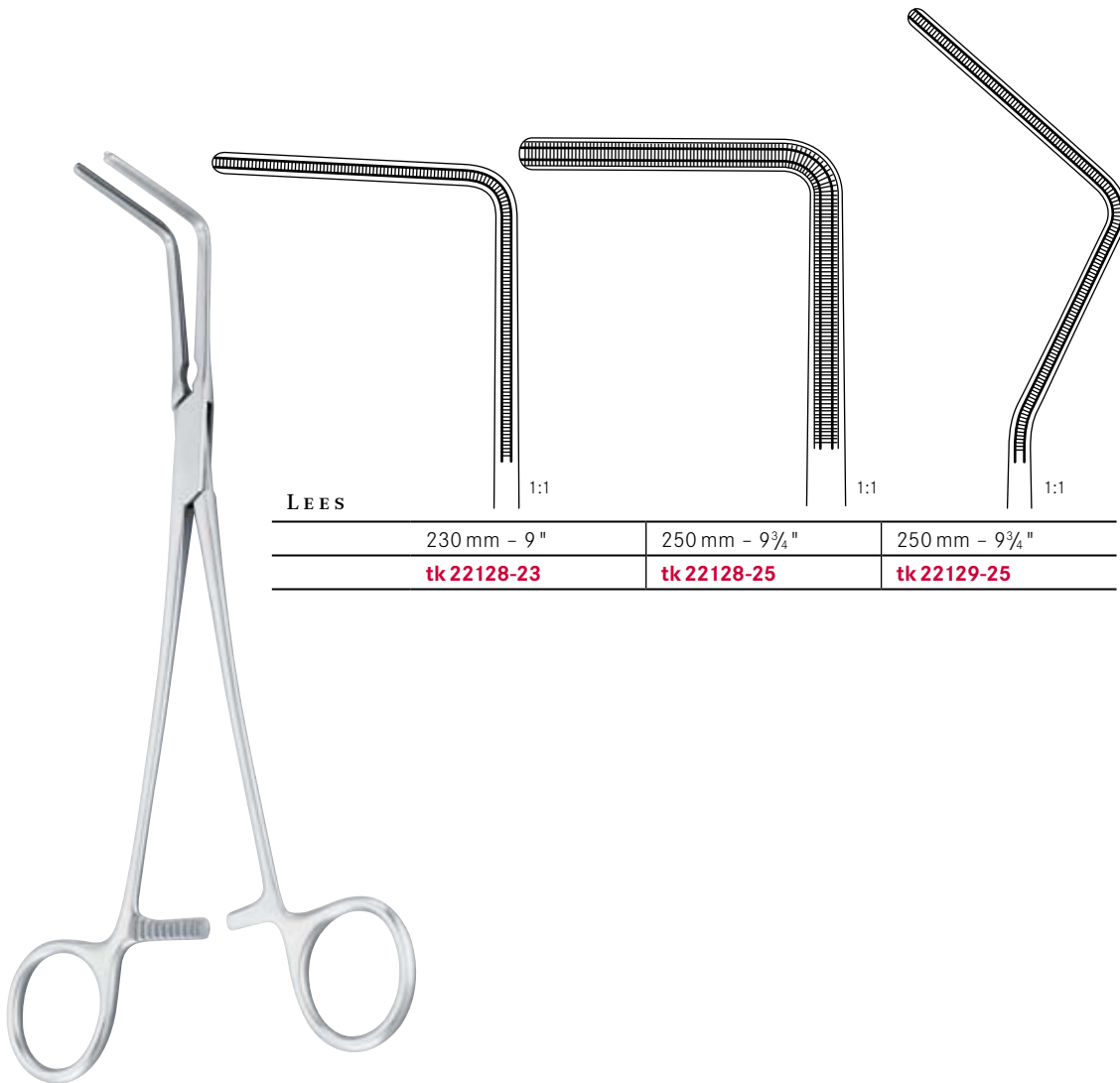
260 mm - 10¼"

**tk 22120-26**

Bronchusklemmen  
*Bronchus clamps*

Pinces-clamps à bronches  
*Pinzas bronquiales*  
Pinze per bronchi

**ATRAUM**TK



LEES

1:1

1:1

1:1

230 mm - 9"

250 mm - 9¾"

250 mm - 9¾"

**tk 22128-23**

**tk 22128-25**

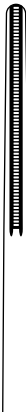
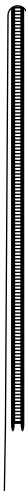
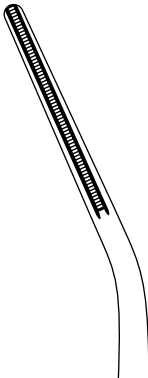
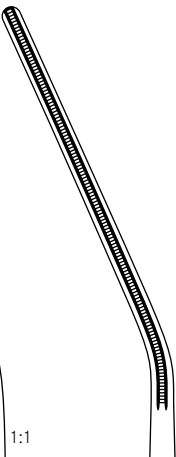
**tk 22129-25**

Coarctationsklemmen  
Coarctation clamps

Pinces-clamps pour coarctation  
Pinzas para coarctación  
Pinze per coartazione

**ATRAUMTK**

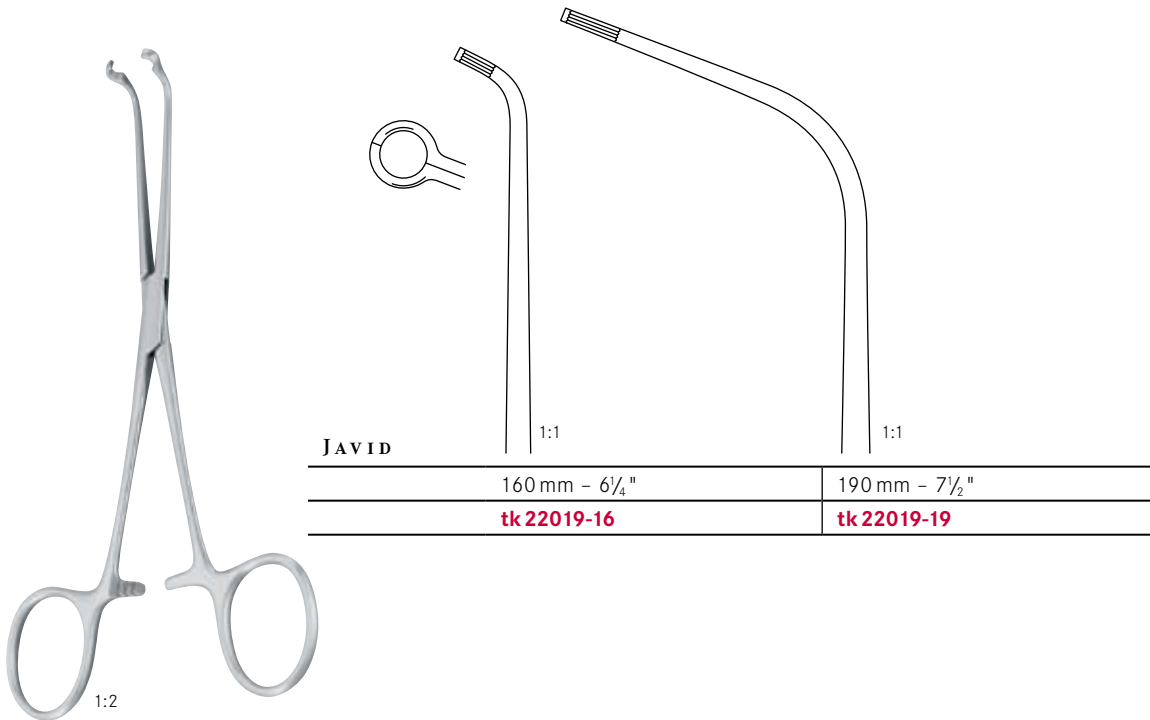


<b>POTTS</b>				
	1:1	1:1	1:1	1:1
	200 mm - 8"	220 mm - 8¾"	200 mm - 8"	220 mm - 8¾"
	<b>tk 22070-21</b>	<b>tk 22070-22</b>	<b>tk 22075-21</b>	<b>tk 22075-22</b>

**Carotis - Shuntklemmen**  
*Carotid shunt clamps*

Pinces pour carotide  
*Pinzas para shunt carótido*  
Pinze carotis

**ATRAUM**TK

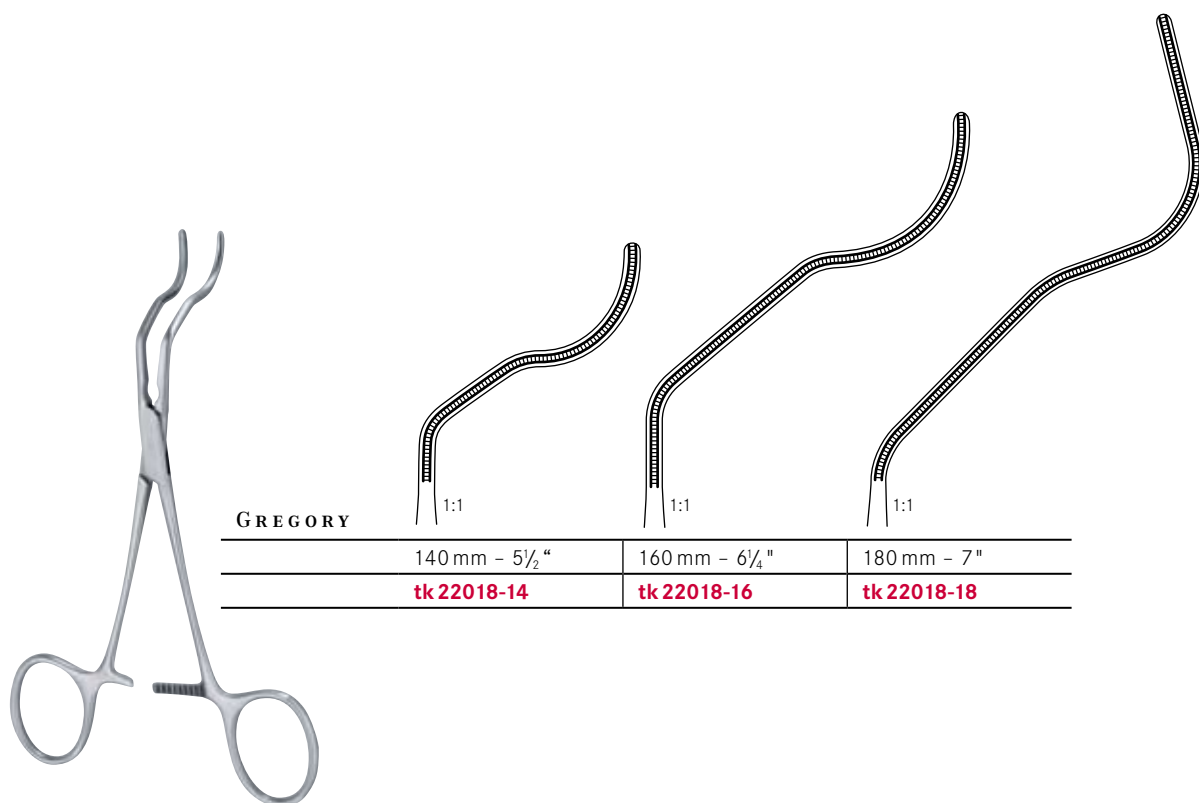




**Profundaklemmen**  
*Profunda clamps*

Pinces fémorale  
*Pinzas para la profunda*  
Pinze profunda

**ATRAUMTK**



**GREGORY**

140 mm - 5½"	160 mm - 6¼"	180 mm - 7"
<b>tk 22018-14</b>	<b>tk 22018-16</b>	<b>tk 22018-18</b>

**Bulldogklemmen mit Ringgriff**  
*Ring handle bulldog clamps*

**Clamps Bulldog, manches à anneaux**  
*Clamps Bulldog, mangos con anillos*  
*Pinze Bulldog con manici ad anelli*

**ATRAUM**TK



**Neonatal- u. Kinderklemmen, extra feine Modelle**  
*Neonatal and children's clamps, extra delicate patterns*

Pinces pour nouveaux-nés et enfants, modèles très fins  
*Pinzas para recién nacidos y niños, modelos muy finos*  
 Pinze per bambini e neonati, molto fine



CASTAÑEDA			
110 mm - 4 1/4"			<b>tk 22001-03</b>
130 mm - 5"	<b>tk 22001-01</b>	<b>tk 22001-02</b>	
120 mm - 4 3/4"	<b>tk 22001-04</b>	<b>tk 22001-05</b>	<b>tk 22001-06</b>
150 mm - 6"			<b>tk 22001-07</b>

Neonatal- u. Kinderklemmen, extra feine Modelle  
*Neonatal and children's clamps, extra delicate patterns*

Pincés pour nouveaux-nés et enfants, modèles très fins  
*Pinzas para recién nacidos y niños, modelos muy finos*  
 Pinze per bambini e neonati, molto fine

**ATRAUM**TK

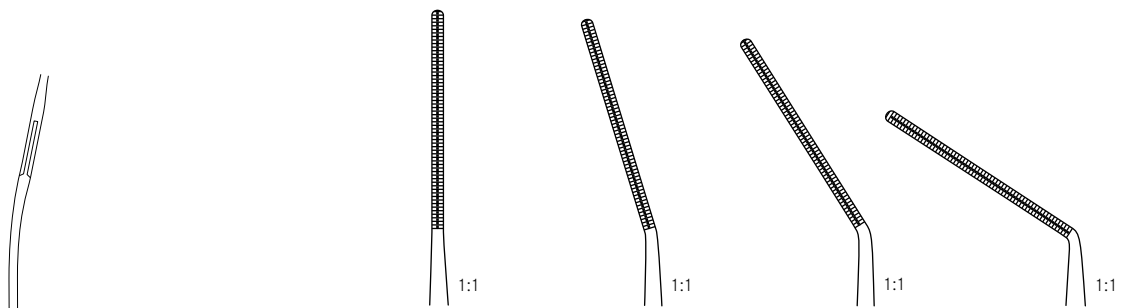


	Fig. 1	Fig. 2	Fig. 3	Fig. 4
115 mm - 4½"	Cooley <b>tk 22541-01</b>	Cooley <b>tk 22541-02</b>	Cooley <b>tk 22541-03</b>	Cooley <b>tk 22541-04</b>
	De Bakey <b>tk 22741-01</b>	De Bakey <b>tk 22741-02</b>	De Bakey <b>tk 22741-03</b>	De Bakey <b>tk 22741-04</b>

gebogen  
*curved*  
 courbe  
*curva*  
 curve

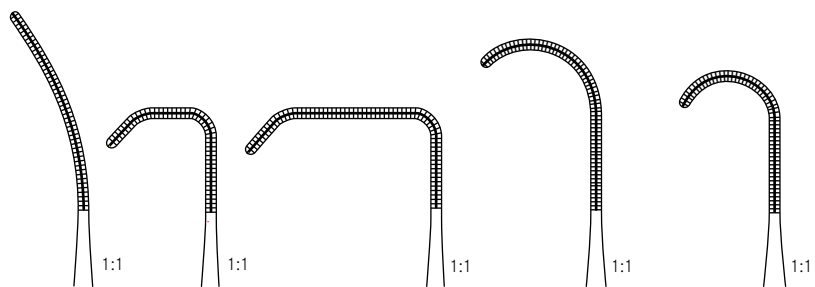


	Fig. 5	Fig. 6	Fig. 7	Fig. 8	Fig. 9
	Cooley <b>tk 22541-05</b>	Cooley <b>tk 22541-06</b>	Cooley <b>tk 22541-07</b>	Cooley <b>tk 22541-08</b>	Cooley <b>tk 22541-09</b>
	De Bakey <b>tk 22741-05</b>	De Bakey <b>tk 22741-06</b>	De Bakey <b>tk 22741-07</b>	De Bakey <b>tk 22741-08</b>	De Bakey <b>tk 22741-09</b>

**Neonatal- u. Kinderklemmen, extra feine Modelle**  
**Neonatal and children's clamps, extra delicate patterns**

Pinces pour nouveaux-nés et enfants, modèles très fins  
 Pinzas para recién nacidos y niños, modelos muy finos  
 Pinze per bambini e neonati, molto fine


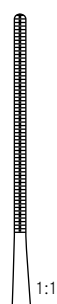










	Fig. 1	Fig. 2	Fig. 3	Fig. 4
115 mm - 4 1/2"	Cooley tk 22540-01	tk 22540-02	tk 22540-03	tk 22540-04
	De Bakey tk 22740-01	tk 22740-02	tk 22740-03	tk 22740-04












	Fig. 5	Fig. 6	Fig. 7	Fig. 8	Fig. 9
115 mm - 4 1/2"	Cooley tk 22540-05	tk 22540-06	tk 22540-07	tk 22540-08	tk 22540-09
	De Bakey tk 22740-05	tk 22740-06	tk 22740-07	tk 22740-08	tk 22740-09

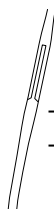
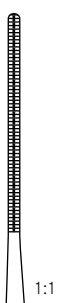









	Fig. 1	Fig. 2	Fig. 3	Fig. 4
115 mm - 4 1/2"	Cooley tk 22542-01	tk 22542-02	tk 22542-03	tk 22542-04
	De Bakey tk 22742-01	tk 22742-02	tk 22742-03	tk 22742-04

abgewinkelt  
 angled on flat  
 coudé sur le plat  
 anulado  
 angolato














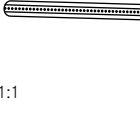

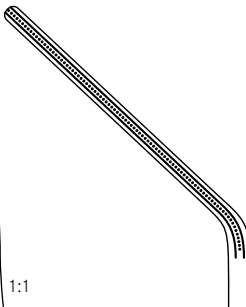
	Fig. 5	Fig. 6	Fig. 7	Fig. 8	Fig. 9
115 mm - 4 1/2"	Cooley tk 22542-05	tk 22542-06	tk 22542-07	tk 22542-08	tk 22542-09
	De Bakey tk 22742-05	tk 22742-06	tk 22742-07	tk 22742-08	tk 22742-09

Kinder-Gefäßklemmen  
*Pediatric vascular clamps*

Pinces vasculaires pédiatriques  
*Pinzas vasculares pediátricas*  
Pinze vascolari pediatriche

**ATRAUM**TK



DE BAKEY					
	1:1	1:1	1:1	1:1	1:1
	120 mm - 4¾"	110 mm - 4¼"	100 mm - 4"	120 mm - 4¾"	130 mm - 5"
	<b>tk 22028-12</b>	<b>tk 22029-11</b>	<b>tk 22032-13</b>	<b>tk 22035-12</b>	<b>tk 22041-13</b>

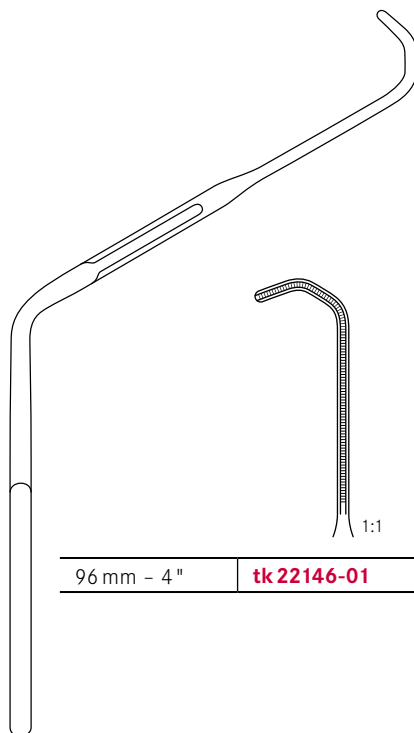
Neonatal- u. Kinderklemmen, extra feine Modelle  
*Neonatal and children's clamps, extra delicate patterns*

Pinces pour nouveaux-nés et enfants, modèles très fins  
*Pinzas para recién nacidos y niños, modelos muy finos*  
 Pinze per bambini e neonati, molto fine

**ATRAUMTK**



1:2



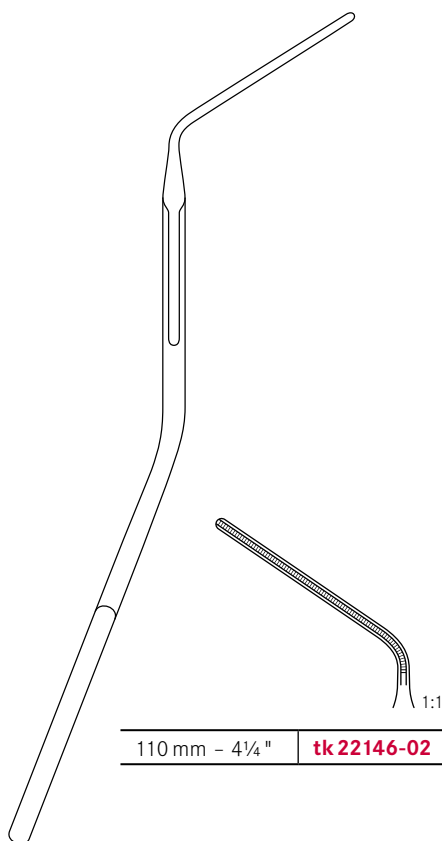
1:1

96 mm - 4"

**tk 22146-01**



1:2



1:1

110 mm - 4¼"

**tk 22146-02**

Neonatal- u. Kinderklemmen, extra feine Modelle  
*Neonatal and children's clamps, extra delicate patterns*

Pinces pour nouveaux-nés et enfants, modèles très fins  
*Pinzas para recién nacidos y niños, modelos muy finos*  
Pinze per bambini e neonati, molto fine

**ATRAUMTK**



1:2



1:1

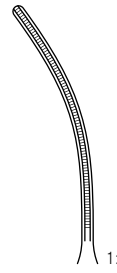
120 mm - 4¾"

**tk 22146-03**

löffelförmig  
*spoon shaped*  
en forme de cuillère  
*forma de cucharilla*  
forme di cucchaio



1:2



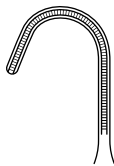
1:1

120 mm - 4¾"

**tk 22146-04**



1:2



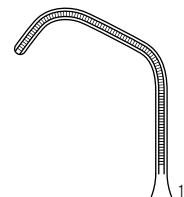
1:1

104 mm - 4"

**tk 22146-05**



1:2



1:1

110 mm - 4¼"

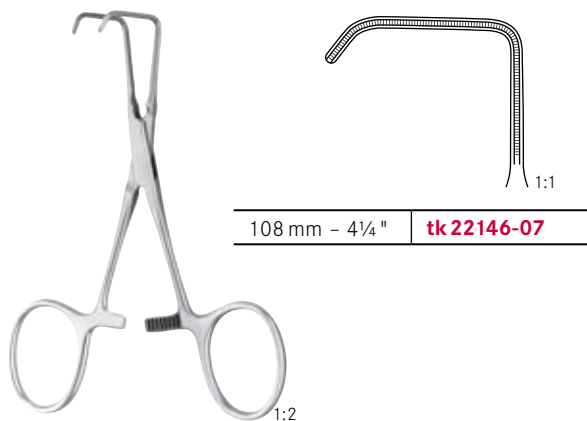
**tk 22146-06**



Neonatal- u. Kinderklemmen, extra feine Modelle  
*Neonatal and children's clamps, extra delicate patterns*

Pinces pour nouveaux-nés et enfants, modèles très fins  
*Pinzas para recién nacidos y niños, modelos muy finos*  
 Pinze per bambini e neonati, molto fine

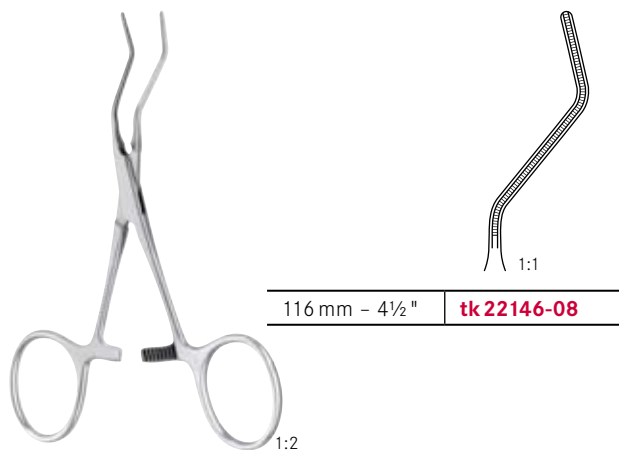
**ATRAUMTK**



108 mm - 4¼" **tk 22146-07**



126 mm - 5" **tk 22146-09**



116 mm - 4½" **tk 22146-08**

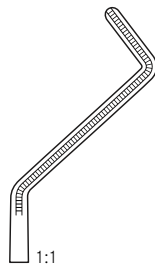
Neonatal- u. Kinderklemmen, extra feine Modelle  
*Neonatal and children's clamps, extra delicate patterns*

Pinces pour nouveaux-nés et enfants, modèles très fins  
*Pinzas para recién nacidos y niños, modelos muy finos*  
Pinze per bambini e neonati, molto fine

**ATRAUMTK**



1:2



1:1

**KITZMILLER**

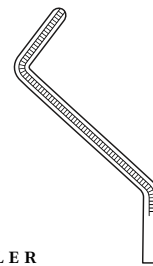
140 mm - 5½"

**tk 22531-01**

rechts  
*right*  
à droit  
*derecha*  
destra



1:2



1:1

**KITZMILLER**

140 mm - 5½"

**tk 22531-02**

links  
*left*  
à gauche  
*izquierda*  
sinistra

Neonatal- u. Kinderklemmen, extra feine Modelle  
*Neonatal and children's clamps, extra delicate patterns*

Pinces pour nouveaux-nés et enfants, modèles très fins  
*Pinzas para recién nacidos y niños, modelos muy finos*  
 Pinze per bambini e neonati, molto fine

**ATRAUMTK**



**MARTINEZ**  
 180 mm - 7" | **tk 22531-03**

rechts  
*right*  
 à droite  
*derecha*  
 destra



**MARTINEZ**  
 180 mm - 7" | **tk 22531-04**

links  
*left*  
 à gauche  
*izquierda*  
 sinistra

Mikroscheren  
Micro scissors

Micro ciseaux  
Micro tijeras  
Micro forbici



1:1

NOYES



1:1



1:1



1:1

	Fig. 1	Fig. 2	Fig. 3
120 mm - 4 <sup>3</sup> / <sub>4</sub> "	<b>tk 9222-01</b>	<b>tk 9222-02</b>	<b>tk 9222-03</b>
gerade <i>straight</i>	spitz - spitz <i>sharp - sharp</i>	spitz - stumpf <i>sharp - blunt</i>	stumpf - stumpf <i>blunt - blunt</i>
droits <i>recta</i> rette	pointue - pointue <i>roma - roma</i> acuta - acuta	pointue - mousse <i>roma - aguda</i> acuta - smussa	mousse - mousse <i>aguda - aguda</i> smussa - smussa

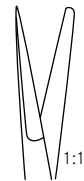


1:1

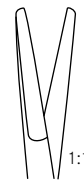
NOYES



1:1



1:1



1:1

	Fig. 1	Fig. 2	Fig. 3
120 mm - 4 <sup>3</sup> / <sub>4</sub> "	<b>tk 9223-01</b>	<b>tk 9223-02</b>	<b>tk 9223-03</b>
abgewinkelt <i>angulated</i>	spitz - spitz <i>sharp - sharp</i>	spitz - stumpf <i>sharp - blunt</i>	stumpf - stumpf <i>blunt - blunt</i>
coudé <i>angulado</i> angolate	pointue - pointue <i>roma - roma</i> acuta - acuta	pointue - mousse <i>roma - aguda</i> acuta - smussa	mousse - mousse <i>aguda - aguda</i> smussa - smussa

**Mikro-Federscheren**  
*Micro scissors*

Micro ciseaux à ressorts  
*Micro tijeras con resorte*  
Forbici per microchirurgia

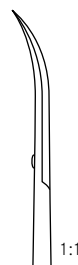


**YASARGIL**

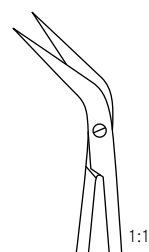
185 mm - 7 1/4"



1:1



1:1



1:1

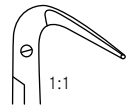
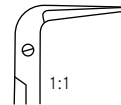
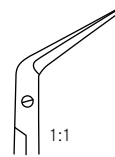
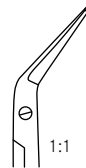
	<b>tk 25500-18</b>	<b>tk 25501-18</b>	<b>tk 25502-18</b>
gerade <i>straight</i>		gebogen <i>curved</i>	kniegebogen <i>angled on flat</i>
droits <i>recta</i>		courbes <i>curva</i>	angulaires <i>acodada</i>
retta		curva	angolata

Mikro-Federscheren  
*Micro scissors*

Micro ciseaux  
*Micro tijeras*  
Forbici per micro chirurgia



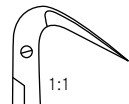
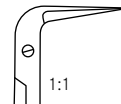
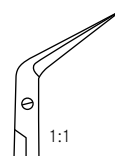
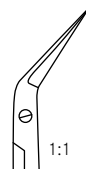
YASARGIL



	25°	45°	60°	90°	125°
170 mm - 6 <sup>3</sup> / <sub>4</sub> "	<b>tk 25754-25</b>	<b>tk 25754-45</b>	<b>tk 25754-60</b>	<b>tk 25754-90</b>	<b>tk 25754-12</b>

mit Knopf  
*with ball*  
avec bouton  
*con botón*  
con bottone

YASARGIL



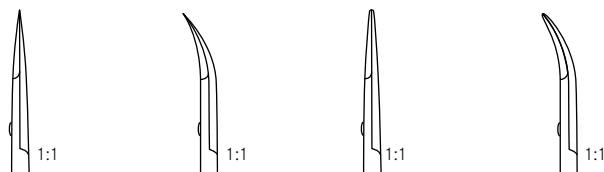
	25°	45°	60°	90°	125°
170 mm - 6 <sup>3</sup> / <sub>4</sub> "	<b>tk 25755-25</b>	<b>tk 25755-45</b>	<b>tk 25755-60</b>	<b>tk 25755-90</b>	<b>tk 25755-12</b>

ohne Knopf  
*without ball*  
sans bouton  
*sin botón*  
senza bottone

1:1

**Mikro-Präparierscheren**  
*Micro dissecting scissors*

Micro ciseaux à dissection  
*Micro tijeras de disección*  
Forbici per micro chirurgia



145 mm - 5¾"	<b>tk 25602-01</b>	<b>tk 25603-01</b>	<b>tk 25602-02</b>	<b>tk 25603-02</b>
180 mm - 7"	<b>tk 25610-01</b>	<b>tk 25611-01</b>	<b>tk 25610-02</b>	<b>tk 25611-02</b>

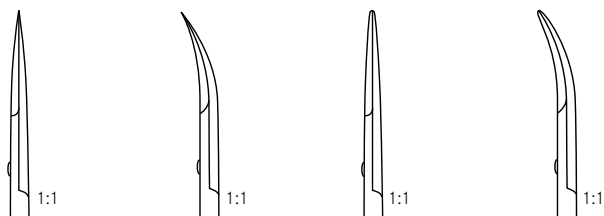
kurze Schneide 8 mm, glatt  
*short blades 8 mm, smooth*  
lames courtes 8 mm, lisses  
*hojas cortas 8 mm, lisos*  
lama corta 8 mm, liscia

gerade, spitz  
*straight, sharp*  
droites, pointues  
*rectas, agudas*  
retta, acuta

gebogen, spitz  
*curved, sharp*  
courbes, pointues  
*curvas, agudas*  
curva, acuta

gerade, stumpf  
*straight, blunt*  
droites, mousses  
*rectas, romas*  
retta, smussa

gebogen, stumpf  
*curved, blunt*  
courbes, mousses  
*curvas, romas*  
curva, smussa



145 mm - 5¾"	<b>tk 25602-03</b>	<b>tk 25603-03</b>	<b>tk 25602-04</b>	<b>tk 25603-04</b>
180 mm - 7"	<b>tk 25610-03</b>	<b>tk 25611-03</b>	<b>tk 25610-04</b>	<b>tk 25611-04</b>

lange Schneide 14 mm, glatt  
*long blades 14 mm, smooth*  
lames longues 14 mm, lisses  
*hojas largas 14 mm, lisos*  
lama lunga 14 mm, liscia

gerade, spitz  
*straight, sharp*  
droites, pointues  
*rectas, agudas*  
retta, acuta

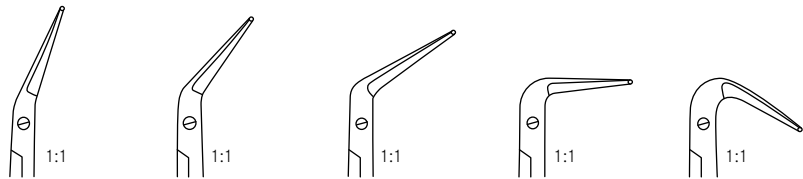
gebogen, spitz  
*curved, sharp*  
courbes, pointues  
*curvas, agudas*  
curva, acuta

gerade, stumpf  
*straight, blunt*  
droites, mousses  
*rectas, romas*  
retta, smussa

gebogen, stumpf  
*curved, blunt*  
courbes, mousses  
*curvas, romas*  
curva, smussa

Mikroscheren mit Rundgriff  
*Micro scissors with round handle*

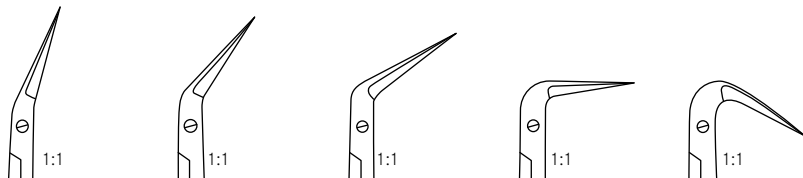
Micro ciseaux avec manche ronde  
*Micro tijeras con mango redondo*  
 Forbici per micro chirurgia con manico rotondo



8 mm Ø	25°	45°	60°	90°	125°
180 mm - 7"	<b>tk 25758-25</b>	<b>tk 25758-45</b>	<b>tk 25758-60</b>	<b>tk 25758-90</b>	<b>tk 25758-12</b>

Schneide 10 mm, mit Knopf, spitz  
*Blade 10 mm, with ball, sharp*

Lames 10 mm, avec bouton, pointues  
*Hojas 10 mm, con botón, agudas*  
 Lama 10 mm, con bottone, acuta



8 mm Ø	25°	45°	60°	90°	125°
180 mm - 7"	<b>tk 25759-25</b>	<b>tk 25759-45</b>	<b>tk 25759-60</b>	<b>tk 25759-90</b>	<b>tk 25759-12</b>

Schneide 10 mm, ohne Knopf, spitz  
*Blade 10 mm, without ball, sharp*

Lames 10 mm, sans bouton, pointues  
*Hojas 10 mm, sin botón, agudas*  
 Lama 10 mm, senza bottone, acuta

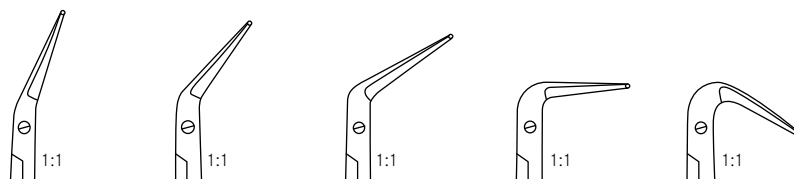


mit gedrehtem Schluss  
*90° twisted*  
 tordus de 90°  
 giradas de 90°  
 girato 90°



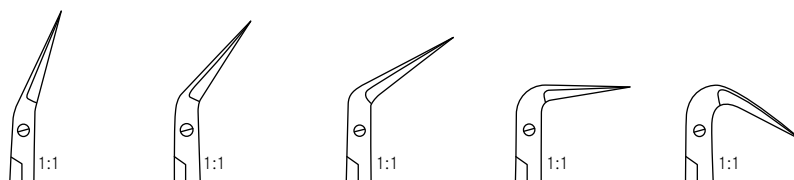
**Mikroscheren mit Rundgriff**  
*Micro scissors with round handle*

Micro ciseaux avec manche ronde  
*Micro tijeras con mango redondo*  
Forbici per micro chirurgia con manico rotondo



8 mm Ø	25°	45°	60°	90°	125°
180 mm - 7"	<b>tk 25756-25</b>	<b>tk 25756-45</b>	<b>tk 25756-60</b>	<b>tk 25756-90</b>	<b>tk 25756-12</b>

**mit Knopf**  
*with ball*  
avec bouton  
*con botón*  
con bottone



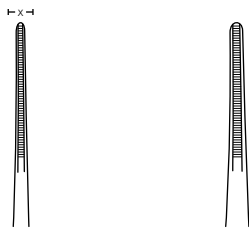
8 mm Ø	25°	45°	60°	90°	125°
180 mm - 7"	<b>tk 25757-25</b>	<b>tk 25757-45</b>	<b>tk 25757-60</b>	<b>tk 25757-90</b>	<b>tk 25757-12</b>

**ohne Knopf**  
*without ball*  
sans bouton  
*sin botón*  
senza bottone

Atraumatische Mikropinzetten  
*Atraumatic micro forceps*

Micro pinces atraumatiques  
*Micro pinces atraumaticas*  
 Micro pinze atraumatiche

ATRAUMTK



	x = 1.2 mm	x = 2.0 mm	x = 1.2 mm	x = 2.0 mm
150 mm - 6"	<b>tk 25690-01</b>	<b>tk 25690-02</b>	<b>tk 25690-03</b>	<b>tk 25690-04</b>
180 mm - 7"	<b>tk 25690-05</b>	<b>tk 25690-06</b>	<b>tk 25690-07</b>	<b>tk 25690-08</b>
210 mm - 8¼"	<b>tk 25690-09</b>	<b>tk 25690-10</b>	<b>tk 25690-11</b>	<b>tk 25690-12</b>
230 mm - 9"	<b>tk 25690-13</b>	<b>tk 25690-14</b>	<b>tk 25690-15</b>	<b>tk 25690-16</b>

gerade  
*straight*

gerade  
*straight*

abgewinkelt  
*angled*

abgewinkelt  
*angled*

droit  
*recta*  
 retta

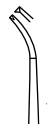
droit  
*recta*  
 retta

angulaire  
*acodada*  
 angolata

angulaire  
*acodada*  
 angolata

**Mikro-Knüppfzangen**  
**Micro suture tying forceps**

Micro pinces pour sutures  
Micro pinzas para suturas  
Pinze per micro-sutura



	9 mm Ø	9 mm Ø	9 mm Ø	9 mm Ø
180 mm - 7"	<b>tk 25695-01</b>	<b>tk 25695-02</b>	<b>tk 25695-05</b>	<b>tk 25695-06</b>

Fadenplatte 6,0 mm x 0,4 mm, glatt  
*Tying platform 6.0 mm x 0.4 mm, smooth*

1x2                      1x2

Plate-forme 6.0 mm x 0.4 mm, lisse  
*Plataforma 6.0 mm x 0.4 mm, lisa*  
Piano per sutura 6.0 mm x 0.4 mm, liscio

	9 mm Ø	9 mm Ø	9 mm Ø	9 mm Ø
180 mm - 7"	<b>tk 25695-09</b>	<b>tk 25695-10</b>	<b>tk 25695-13</b>	<b>tk 25695-14</b>

Fadenplatte 6,0 mm x 0,4 mm, diamantiert  
*Tying platform 6.0 mm x 0.4 mm, diamond coated*

1x2                      1x2

Plate-forme 6.0 mm x 0.4 mm, diamanté  
*Plataforma 6.0 mm x 0.4 mm, diamantada*  
Piano per sutura 6.0 mm x 0.4 mm, diamantata



	9 mm Ø	9 mm Ø	9 mm Ø	9 mm Ø
180 mm - 7"	<b>tk 25695-03</b>	<b>tk 25695-04</b>	<b>tk 25695-07</b>	<b>tk 25695-08</b>

Fadenplatte 6,0 mm x 0,8 mm, glatt  
*Tying platform 6.0 mm x 0.8 mm, smooth*

1x2                      1x2

Plate-forme 6.0 mm x 0.8 mm, lisse  
*Plataforma 6.0 mm x 0.8 mm, lisa*  
Piano per sutura 6.0 mm x 0.8 mm, liscio

	9 mm Ø	9 mm Ø	9 mm Ø	9 mm Ø
180 mm - 7"	<b>tk 25695-11</b>	<b>tk 25695-12</b>	<b>tk 25695-15</b>	<b>tk 25695-16</b>

Fadenplatte 6,0 mm x 0,8 mm, diamantiert  
*Tying platform 6.0 mm x 0.8 mm, diamond coated*

1x2                      1x2

Plate-forme 6.0 mm x 0.8 mm, diamanté  
*Plataforma 6.0 mm x 0.8 mm, diamantada*  
Piano per sutura 6.0 mm x 0.8 mm, diamantata

Mikronadelhalter mit Rundgriff  
*Micro needle holders with round handle*

Micro porte aiguilles avec manche ronde  
*Micro porta agujas con mango redondo*  
 Micro porta aghi con manico rotondo



110 mm - 4 1/4"	8 mm Ø	<b>tk 25637-11</b>	<b>tk 25638-11</b>
125 mm - 5"	7 mm Ø	<b>tk 25654-12</b>	<b>tk 25655-12</b>
130 mm - 5"	8 mm Ø	<b>tk 25658-13</b>	<b>tk 25659-13</b>
130 mm - 5"	10 mm Ø	<b>tk 25652-13</b>	<b>tk 25653-13</b>
150 mm - 6"	8 mm Ø	<b>tk 25640-15</b>	<b>tk 25641-15</b>
180 mm - 7"	8 mm Ø	<b>tk 25664-18</b>	<b>tk 25665-18</b>
180 mm - 7"	10 mm Ø	<b>tk 25668-18</b>	<b>tk 25669-18</b>

ohne Sperre  
*without ratchet*

sans crémaillère  
*sin cremallera*  
 senza cremagliera

gerade  
*straight*

droit  
*recta*  
 retto

gebogen  
*curved*

courbe  
*curva*  
 curvo

110 mm - 4 1/4"	8 mm Ø	<b>tk 25635-11</b>	<b>tk 25636-11</b>
125 mm - 5"	7 mm Ø	<b>tk 25656-12</b>	<b>tk 25657-12</b>
130 mm - 5"	8 mm Ø	<b>tk 25662-13</b>	<b>tk 25663-13</b>
130 mm - 5"	10 mm Ø	<b>tk 25645-13</b>	<b>tk 25646-13</b>
150 mm - 6"	8 mm Ø	<b>tk 25642-15</b>	<b>tk 25643-15</b>
180 mm - 7"	8 mm Ø	<b>tk 25666-18</b>	<b>tk 25667-18</b>
180 mm - 7"	10 mm Ø	<b>tk 25670-18</b>	<b>tk 25671-18</b>

mit Sperre  
*with ratchet*

avec crémaillère  
*con cremallera*  
 con cremagliera

gerade  
*straight*

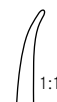
droit  
*recta*  
 retto

gebogen  
*curved*

courbe  
*curva*  
 curvo

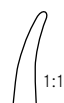
**Mikronadelhalter**  
*Micro needle holders*

Micro porte aiguilles  
*Micro porta agujas*  
Micro porta aghi



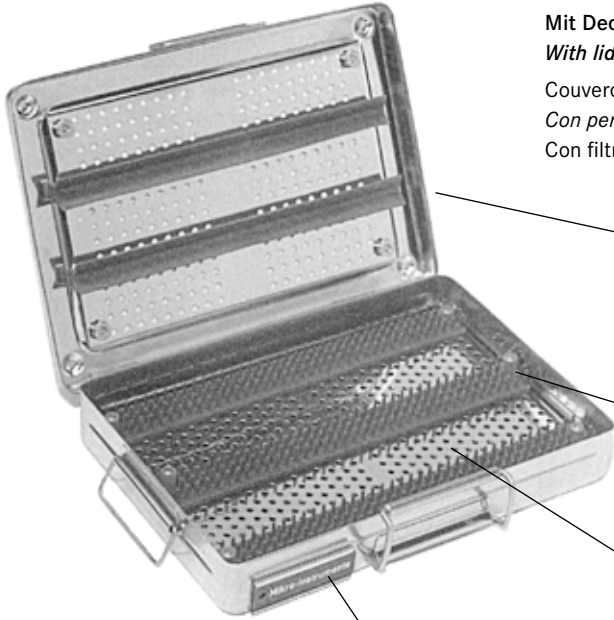
	0.3 mm x 0.4 mm	0.3 mm x 0.4 mm
180 mm - 7"	<b>tk 25685-07</b>	<b>tk 25685-08</b>

**Titan, mit Sperre**  
*Titanium, with ratchet*  
Titane, avec crémaillère  
*Titano, con cremallera*  
Titanio, con cremagliera



	0.8 mm x 0.8 mm	0.8 mm x 0.8 mm
185 mm - 7 1/4"	<b>tk 25685-09</b>	<b>tk 25685-10</b>

**Titan, mit Sperre**  
*Titanium, with ratchet*  
Titane, avec crémaillère  
*Titano, con cremallera*  
Titanio, con cremagliera

**Instrumenten-Kassetten aus Edelstahl**  
*Instrument trays made of stainless steel*
**Contenaires d'instruments en acier inox**  
*Cajas para instrumental en acero inox*  
**Scatole per sterilizzazione di acciaio inossidabile**


Mit Deckel- und Bodenlochung mit Textil-Langzeitfiltern für Dampfsterilisation  
*With lid and bottom perforation with textil "Longterm" filters for steam sterilisation*  
 Couvercle et boîtier perforé avec filtre en textile pour stérilisation à vapeur  
*Con perforación en tapa y fondo, con filtros en tejido para esterilización a vapor*  
 Con filtri tessili, per la sterilizzazione a vapore

**Silikon-Andrückleisten zum Fixieren der Instrumente**  
*Silicone protective strips for fixation of instruments*

Tapis en silicone pour fixer les instruments  
*Tiras de silicon para fijar los instrumentos*  
 Righe di silicone per fissare gli strumenti

**Silikon-Noppenstreifen zur schonenden Auflage der Instrumente**  
*Silicon strips for a soft and protective storage of the instruments*

Tapis en silicone pour la protection des instruments  
*Matas de silicon para proteger los instrumentos*  
 Stuoie di silicone per proteggere gli strumenti

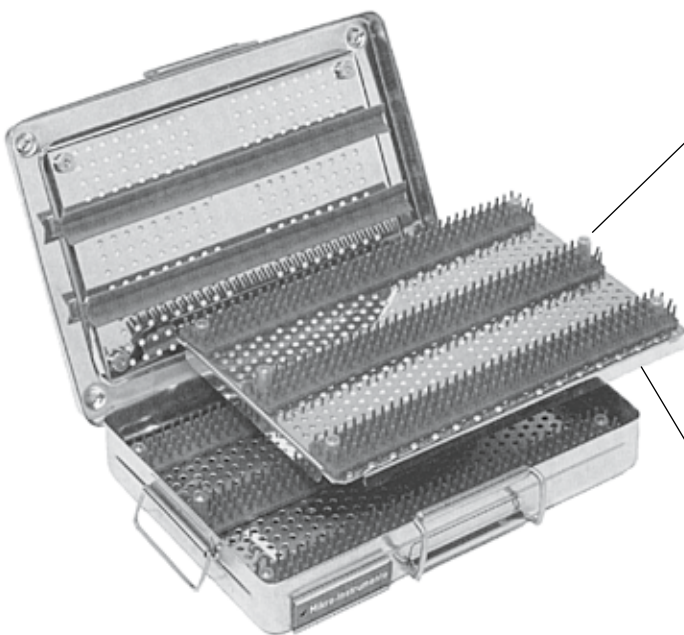
**1 herausnehmbare Siebplatte**  
*1 removable tray insert*

1 tableau pour sortir  
*1 placa para sacar*  
 1 cestello

**Kennzeichnungsschilder nach Wahl (Farbe und Text)**  
*Marking plate for selection: colour and description*

Plaquette d'identification (texte et couleur selon demande)  
*Placas de identificación a opción (color y texto)*  
 Placche d'identificazione (colore a scelta)

280 x 195 x 55 mm	265 x 255 x 55 mm	380 x 260 x 55 mm	200 x 140 x 55 mm	470 x 250 x 55 mm
<b>tk 85100-01</b>	<b>tk 85101-01</b>	<b>tk 85102-01</b>	<b>tk 85103-01</b>	<b>tk 85104-01</b>



**wärmeisolierende Halteknöpfe zum Herausheben**  
*heatisolated handles*

pins isolés pour sortir des tableaux  
*pernos aislados para sacar las placas*  
 maniglia a forma di botone

**2 herausnehmbare Siebplatten**  
*2 removable tray inserts*

2 tableaux detachables  
*2 placas para sacar*  
 2 cestelli

**Silikon-Andrückleisten an der Unterseite des Siebes**  
*Silicone protective strips at the lower side of the tray*

Tapis de silicone à la partie inférieure des tableaux  
*Tiras de silicon a bajo de las placas*  
 Righe di silicone

280 x 195 x 65 mm	265 x 255 x 65 mm	380 x 260 x 65 mm	200 x 140 x 65 mm	470 x 250 x 65 mm
<b>tk 85100-03</b>	<b>tk 85101-03</b>	<b>tk 85102-03</b>	<b>tk 85103-03</b>	<b>tk 85104-03</b>



**STERILIZATION**



Steril Container - System II  
Steril Container - System II

Contenaires pour stérilisation - système II  
Contenedores para esterilización - sistema II  
Cestelli per sterilizzazione - sistema II



Bitte fordern Sie unseren Spezialkatalog an.  
*Please ask for our special catalogue.*

Veuillez demander pour notre catalogue spécial.  
*Por favor preguntan para el catalogo especial.*

Per favore domandate per il nostro catalogo speciale

Anlegepinzetten für Gefäßclips  
*Applying forceps for vessel clips*

Pinces à poser des clips  
*Aplicadoras para clips*  
 Pinze per mettere clips



140 mm - 5½"

**tk 25059-01**

**tk 25059-02**

mit Schloß  
*with lock*  
 avec serrure  
*con cierre*  
 con cremagliera

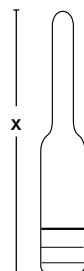


140 mm - 5½"

**tk 25059-03**

für Approximatoren und Doppelklemmen  
*for approximators and double-clips*  
 pour approximateurs et clips doubles  
*para aproximadores y clips dobles*  
 per approssimatori e clips doppi

für Clips tk 25060-01 bis tk 27075-04  
*for clips tk 25060-01 to tk 27075-04*  
 pour clips tk 25060-01 a tk 27075-04  
*para clips tk 25060-01 a tk 27075-04*  
 per clips tk 25060-01 a tk 27075-04



x	Ø	V	A
Länge <i>Length</i>	Gefäß <i>Vessel</i>	Vene <i>Vein</i>	Arterie <i>Artery</i>
Longueur <i>Longitud</i>	Vaisseau <i>Vaso</i>	Veine <i>Vena</i>	Artère <i>Arteria</i>
Lunghezza	Vaso	Vena	Arteria







Weitere Modelle und Ausführungen auf Anfrage.  
*Other models and executions upon request.*  
 Autres modèles et exécutions sur demande.  
*Otros modelos y ejecuciones segun demanda.*  
 Altri modelli a richiesta.



**Approximatoren, Gefäßclips**  
*Approximators, clips*

Approximateurs, clips  
*Aproximadores, clips*  
Approssimatori, clips vascolari


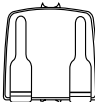
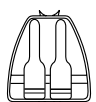
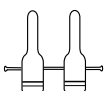
x = 8 mm

V	<b>tk 25060-01</b>	<b>tk 25060-02</b>	<b>tk 25060-03</b>	<b>tk 25060-04</b>
A	<b>tk 25070-01</b>	<b>tk 25070-02</b>	<b>tk 25070-03</b>	<b>tk 25070-04</b>

Ø = 0,4 mm - 1 mm


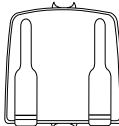
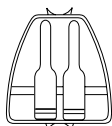
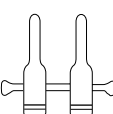
x = 11 mm

V	<b>tk 25061-01</b>	<b>tk 25061-02</b>	<b>tk 25061-03</b>	<b>tk 25061-04</b>
A	<b>tk 25071-01</b>	<b>tk 25071-02</b>	<b>tk 25071-03</b>	<b>tk 25071-04</b>

Ø = 0,6 mm - 1,5 mm


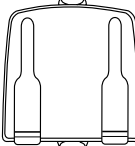
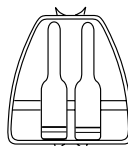
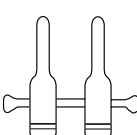
x = 14 mm

V	<b>tk 25062-01</b>	<b>tk 25062-02</b>	<b>tk 25062-03</b>	<b>tk 25062-04</b>
A	<b>tk 25072-01</b>	<b>tk 25072-02</b>	<b>tk 25072-03</b>	<b>tk 25072-04</b>

Ø = 1 mm - 2 mm


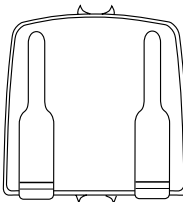
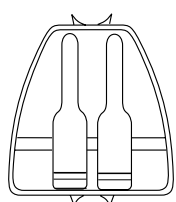
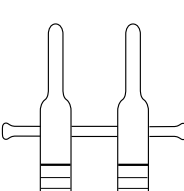
x = 17 mm

V	<b>tk 25063-01</b>	<b>tk 25063-02</b>	<b>tk 25063-03</b>	<b>tk 25063-04</b>
A	<b>tk 25073-01</b>	<b>tk 25073-02</b>	<b>tk 25073-03</b>	<b>tk 25073-04</b>

Ø = 1 mm - 2,25 mm


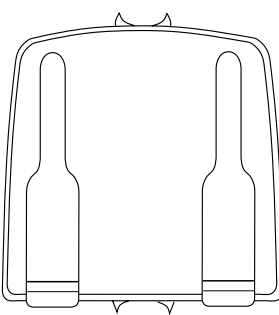
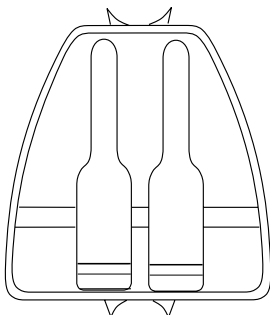
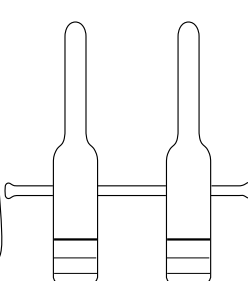
x = 25 mm

V	<b>tk 25064-01</b>	<b>tk 25064-02</b>	<b>tk 25064-03</b>	<b>tk 25064-04</b>
A	<b>tk 25074-01</b>	<b>tk 25074-02</b>	<b>tk 25074-03</b>	<b>tk 25074-04</b>

Ø = 1,5 mm - 3,5 mm

x = 36 mm

V	<b>tk 25065-01</b>	<b>tk 25065-02</b>	<b>tk 25065-03</b>	<b>tk 25065-04</b>
A	<b>tk 25075-01</b>	<b>tk 25075-02</b>	<b>tk 25075-03</b>	<b>tk 25075-04</b>

Ø = 1,5 mm - 3,5 mm

Approximatoren, Gefäßclips nach Biemer  
*Approximators, Biemer clips*

Approximateurs, clips selon Biemer  
*Aproximadores, Biemer clips*  
Approssimatori, clips vascolari Biemer



BIEMER

**tk 25209-02**

Anlegepinzette mit Schloss  
*Applying forceps with lock*

Pince à poser avec verrou  
*Aplicadora con cierre*

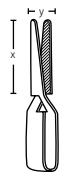
Pinza posa clips con cremagliera

**tk 25209-01**

Anlegepinzette ohne Schloss  
*Applying forceps without lock*

Pince à poser sans verrou  
*Aplicadora sin cierre*

Pinza posa clips senza cremagliera

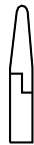


x	y	gms
Maullänge <i>Jaw length</i>	max. Maulöffnung <i>max. jaw opening</i>	Schließkraft <i>Closing pressure</i>
Longueur du mors <i>Longitud de la boca</i>	ouverture max. du mors <i>apertura max. de la boca</i>	Force de fermeture <i>Fuerza de cierre</i>
Lunghzza del morso	apertura mass.	Pressione



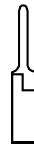
**tk 25210-00**

x = 6 mm  
y = 4 mm  
gms = 30-40



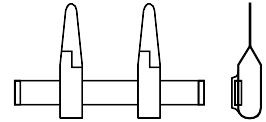
**tk 25211-00**

x = 9 mm  
y = 5 mm  
gms = 30-40



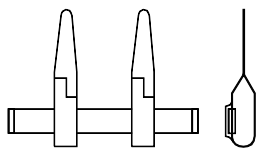
**tk 25212-00**

x = 9 mm  
y = 5 mm  
gms = 20-25



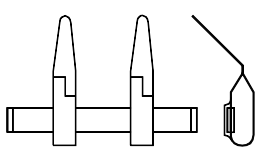
**tk 25213-00**

x = 4.5 mm  
y = 3.0 mm  
gms = 30-40



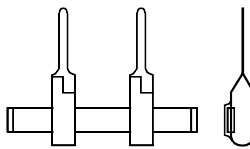
**tk 25214-00**

x = 9 mm  
y = 5 mm  
gms = 30-40



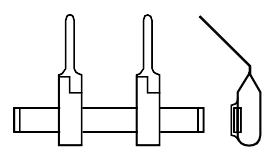
**tk 25215-00**

x = 9 mm  
y = 5 mm  
gms = 30-40



**tk 25216-00**

x = 9 mm  
y = 5 mm  
gms = 20-25



**tk 25217-00**

x = 9 mm  
y = 5 mm  
gms = 30-40

Für temporären Gebrauch, (gekennzeichnet durch gelb eingefärbte Federenden) für Gefäße mit 0,5 mm – 2,0 mm Ø. Maulinnenflächen schräg gerieft für schonendes und sicheres Festhalten der Gefäße. Der fest eingestellte Schließdruck gewährt risikofreie Anwendung.

*For temporary occlusion, (identified by yellow coloured spring ends) for vessels of 0,5 mm – 2,0 mm Ø. Blade gripping surface with oblique serrations for save but careful gripping of vessels. No risk due to rigidly fixed pressure measure.*

Pour usage temporaire, (ressorts couleur jaune) pour vaisseaux de 0,5 mm – 2,0 mm Ø. Mors striés pour fixation sûr et menagement. Force du fermeture non changeable.

*Para oclusión temporal (ressortes amarillos) para vasos de 0,5 mm – 2,0 mm Ø. Boca estriada para fijación segura y moderada de los vasos. Utilización sin riesgo con fuerza de oclusión fijo.*

Per uso temporaneo, con finale della molla giallo, per vasi di 0,5 mm – 2,0 mm Ø. Morso zigrinato per una presa sicura, non traumatica.

**Approximatoren, Gefäßclips nach Müller**  
*Approximators, Müller clips*

Approximateurs, clips selon Müller  
*Aproximadores, Müller clips*  
Approssimatori, clips vascolari Müller



**MÜLLER**

**tk 25076-50**

**tk 25076-51**

**Anlegepinzette ohne Schloss**  
*Applying forceps without lock*

**Anlegepinzette mit Schloss**  
*Applying forceps with lock*

Pince à poser sans verrou

Pince à poser avec verrou

Aplicadora sin cierre

Aplicadora con cierre

Pinza posa clips senza cremagliera

Pinza posa clips con cremagliera



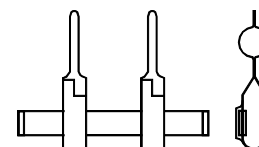
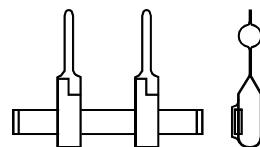
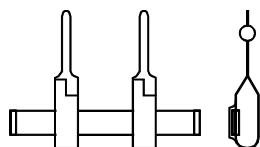
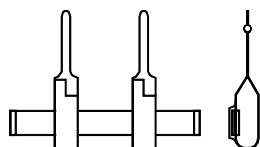
**gms**

**Schließkraft**  
*Closing pressure*

Force de fermeture

Fuerza de cierre

Pressione



**tk 25076-01**

**tk 25076-02**

**tk 25076-03**

**tk 25076-04**

Ø = 1 mm  
gms = 10-15

Ø = 2 mm  
gms = 10-15

Ø = 3 mm  
gms = 15-20

Ø = 4 mm  
gms = 15-20

Für temporären Gebrauch, für Gefäße mit 0,5 mm – 2,0 mm Ø. Maulinnenflächen schräg gerieft für schonendes und sicheres Festhalten der Gefäße. Der fest eingestellte Schließdruck gewährt risikofreie Anwendung.

*For temporary occlusion, for vessels of 0,5 mm – 2,0 mm Ø. Blade gripping surface with oblique serrations for save but careful gripping of vessels. No risk due to rigidly fixed pressure measure.*

Pour usage temporaire, pour vaisseaux de 0,5 mm – 2,0 mm Ø. Mors striés pour fixation sûr et menagement. Force du fermeture non changeable.

*Para oclusión temporal para vasos de 0,5 mm – 2,0 mm Ø. Boca estriada para fijación segura y moderada de los vasos. Utilización sin riesgo con fuerza de oclusión fijo.*

Per uso temporaneo, per vasi di 0,5 mm – 2,0 mm Ø. Morso zigrinato per una presa sicura, non traumatica.

Gefäßclips nach Mehdorn, Anlegepinzette  
Mehdorn vessel clips, applying forceps

Clips selon Mehdorn, pince à poser  
Mehdorn clips, aplicadora  
Clips vascolari Mehdorn, pinza posa clips



MEHDORN

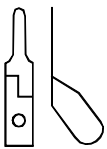
tk 25077-50

Anlegepinzette  
Applying forceps

Pince à poser des clips  
Aplicadora  
Pinza posa clips

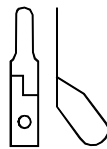


x	y	gms
Maullänge Jaw length	max. Maulöffnung max. jaw opening	Schließkraft Closing pressure
Longueur du mors Longitud de la boca Lunghezza del morso	ouverture max. du mors apertura max. de la boca apertura mass.	Force de fermeture Fuerza de cierre Pressione



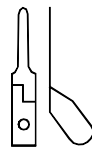
tk 25077-01

x = 4 mm  
y = 1 mm  
gms = 10-15



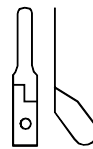
tk 25277-02

x = 4.0 mm  
y = 1.4 mm  
gms = 10-15



tk 25277-03

x = 6 mm  
y = 1 mm  
gms = 15-20



tk 25277-04

x = 6.0 mm  
y = 1.4 mm  
gms = 15-20

Für temporären Gebrauch, (gekennzeichnet durch gelb eingefärbte Federenden) für Gefäße mit 0,5 mm – 2,0 mm Ø. Maulinnenflächen schräg gerieft für schonendes und sicheres Festhalten der Gefäße. Der fest eingestellte Schließdruck gewährt risikofreie Anwendung.

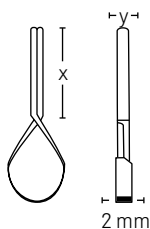
For temporary occlusion, (identified by yellow coloured spring ends) for vessels of 0,5 mm – 2,0 mm Ø. Blade gripping surface with oblique serrations for save but careful gripping of vessels. No risk due to rigidly fixed pressure measure.

Pour usage temporaire, (ressorts couleur jaune) pour vaisseaux de 0,5 mm – 2,0 mm Ø. Mors striés pour fixation sûr et menagement. Force du fermeture non changeable.

Para oclusión temporal (ressortes amarillos) para vasos de 0,5 mm – 2,0 mm Ø. Boca estriada para fijación segura y moderada de los vasos. Utilización sin riesgo con fuerza de oclusión fija.

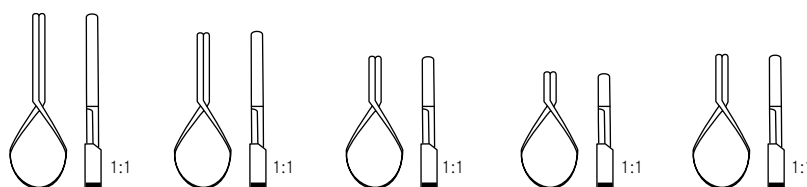
Per uso temporaneo, con finale della molla giallo, per vasi di 0,5 mm – 2,0 mm Ø. Morso zigrinato per una presa sicura, non traumatica.

**Mikro-Gefäßclips** | Micro clips pour vaisseaux  
**Micro vessel clips** | *Micro clips para vasos*  
 Micro clips per vasi

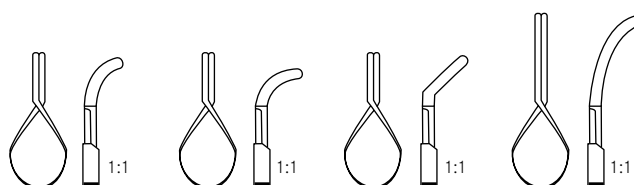


x	y	gms
<b>Maullänge</b> <i>Jaw length</i>	<b>max. Maulöffnung</b> <i>max. jaw opening</i>	<b>Schließkraft</b> <i>Closing pressure</i>
Longueur du mors <i>Longitud de la boca</i>	ouverture max. du mors <i>apertura max. de la boca</i>	Force de fermeture <i>Fuerza de cierre</i>
Lunghezza del morso	apertura mass.	Pressione

**für temporären Verschluss**  
*for temporary closure*  
 pour fermeture temporaire  
*para oclusión temporal*  
 per chiusura temporanea



x = 10.0 mm	x = 8.0 mm	x = 6.0 mm	x = 4.0 mm	x = 6.0 mm
y = 1.5 mm	y = 1.0 mm	y = 0.8 mm	y = 0.75 mm	y = 1.0 mm
gms = 70	gms = 70	gms = 70	gms = 70	gms = 70
<b>tk 25723-01</b>	<b>tk 25723-02</b>	<b>tk 25723-03</b>	<b>tk 25723-04</b>	<b>tk 25723-05</b>



x = 6.0 mm	x = 6.0 mm	x = 6.0 mm	x = 10.0 mm
y = 1.0 mm	y = 1.0 mm	y = 1.0 mm	y = 1.0 mm
gms = 70	gms = 70	gms = 70	gms = 70
<b>tk 25724-01</b>	<b>tk 25724-02</b>	<b>tk 25724-03</b>	<b>tk 25724-04</b>



150 mm - 6" **tk 25720-13**

**mit Sperre**  
*with ratchet*  
 avec crémaillère  
*con cierre*  
 con cremagliera

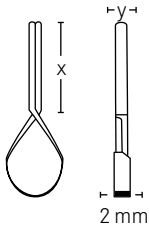
180 mm - 7" **tk 25722-18**

**mit Sperre, bajonettförmig**  
*with ratchet, bayonet shaped*  
 avec crémaillère, en forme de baionette  
*con cierre, en forma de bayoneta*  
 con cremagliera, a forma baionetta

für Clips tk 25723-01 bis tk 25726-04  
*for clips tk 25723-01 to tk 25726-04*  
 pour clips tk 25723-01 a tk 25726-04  
*para clips tk 25723-01 a tk 25726-04*  
 per clips tk 25723-01 a tk 25726-04

**Mikro-Gefäßclips**  
**Micro vessel clips**

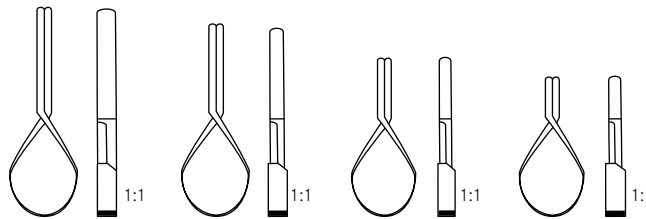
Micro clips pour vaisseaux  
*Micro clips para vasos*  
Micro clips per vasi



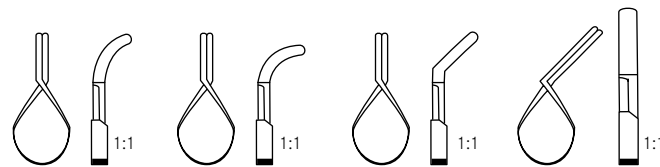
x	y	gms
<b>Maullänge</b> <i>Jaw length</i>	<b>max. Maulöffnung</b> <i>max. jaw opening</i>	<b>Schließkraft</b> <i>Closing pressure</i>
Longueur du mors <i>Longitud de la boca</i>	ouverture max. du mors <i>apertura max. de la boca</i>	Force de fermeture <i>Fuerza de cierre</i>
Lunghezza del morso	apertura mass.	Pressione

**für temporären Verschluss**  
**for temporary closure**

pour fermeture temporaire  
*para oclusión temporal*  
per chiusura temporanea



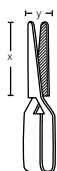
x = 10.0 mm	x = 8.0 mm	x = 6.0 mm	x = 4.0 mm
y = 2.0 mm	y = 2.0 mm	y = 1.0 mm	y = 0.75 mm
gms = 150	gms = 150	gms = 150	gms = 150
<b>tk 25725-01</b>	<b>tk 25725-02</b>	<b>tk 25725-03</b>	<b>tk 25725-04</b>



x = 6.0 mm	x = 6.0 mm	x = 6.0 mm	x = 8.0 mm
y = 1.0 mm	y = 1.0 mm	y = 1.0 mm	y = 2.0 mm
gms = 150	gms = 150	gms = 150	gms = 150
<b>tk 25726-01</b>	<b>tk 25726-02</b>	<b>tk 25726-03</b>	<b>tk 25726-04</b>

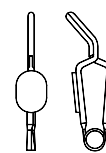
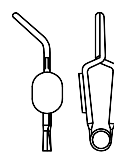
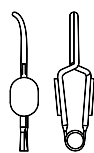
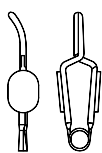
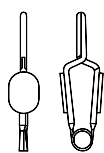
**Gefäßclips nach Müller**  
*Müller vessel clips*

Clips selon Müller  
*Müller clips*  
Clips vascolari Müller



gms

Schließkraft  
*Closing pressure*  
Force de fermeture  
*Fuerza de cierre*  
Pressione



gms = 50	<b>tk 25066-01</b>	<b>tk 25066-03</b>	<b>tk 25066-05</b>	<b>tk 25066-07</b>	<b>tk 25066-09</b>
gms = 80	<b>tk 25066-02</b>	<b>tk 25066-04</b>	<b>tk 25066-06</b>	<b>tk 25066-08</b>	<b>tk 25066-10</b>

Für temporären Gebrauch, für Gefäße mit 0,5 mm – 2,0 mm Ø. Maulinnenflächen schräg gerieft für schonendes und sicheres Festhalten der Gefäße. Der fest eingestellte Schließdruck gewährt risikofreie Anwendung.

*For temporary occlusion, for vessels of 0,5 mm – 2,0 mm Ø. Blade gripping surface with oblique serrations for save but careful gripping of vessels. No risk due to rigidly fixed pressure measure.*

Pour usage temporaire, pour vaisseaux de 0,5 mm – 2,0 mm Ø. Mors striés pour fixation sûr et menagement. Force du fermeture non changeable.

*Para oclusión temporal para vasos de 0,5 mm – 2,0 mm Ø. Boca estriada para fijación segura y moderada de los vasos. Utilización sin riesgo con fuerza de oclusión fija.*

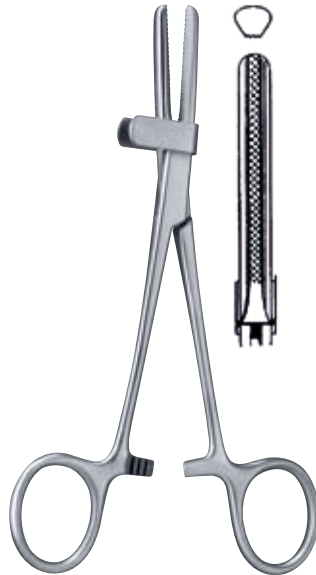
Per uso temporaneo, per vasi di 0,5 mm – 2,0 mm Ø. Morso zigrinato per una presa sicura, non traumatica.

Schlauchklemmen  
Tubing clamps

Presse-tubes  
Pinzas para tubos  
Pinze serratubi



150 mm - 6 "	<b>tk 14100-15</b>
160 mm - 6 1/4 "	<b>tk 14100-16</b>
190 mm - 7 1/2 "	<b>tk 14100-19</b>
240 mm - 9 1/2 "	<b>tk 14100-24</b>

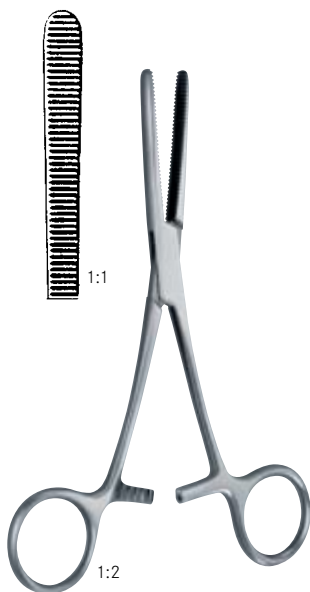


150 mm - 6 "	<b>tk 14101-15</b>
160 mm - 6 1/4 "	<b>tk 14101-16</b>
190 mm - 7 1/2 "	<b>tk 14101-19</b>

mit Schutzbügel  
*with protection*  
avec protection  
*con protector*  
con protettore



165 mm - 6 1/2 "	<b>tk 14110-16</b>
180 mm - 7 "	<b>tk 14110-18</b>



KLINIKUM-  
BERLIN

145 mm - 5 3/4 "	<b>tk 14120-14</b>	<b>tk 14114-14</b>
------------------	--------------------	--------------------

mit extra langer Sperre  
*with extra long ratchet*  
avec crémaillère extra longue  
*con cremallera extra larga*  
con cremagliera extra lunga



Schlauchklemmen  
*Tubing clamps*

Presse-tubes  
*Pinzas para tubos*  
 Pinze serratubi



**GUNNAR**

185 mm - 7 1/4"    **tk 14160-18**



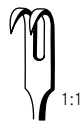
**ROSS**

130 mm - 5"    **tk 24847-14**

Wundhaken | Ecarteurs  
 Retractors | Separadores  
 Divaricatori



1:2



1:1



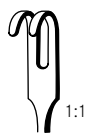
1:1



1:1

160 mm - 6 1/4"	<b>tk 17021-16</b>	<b>tk 17022-16</b>	<b>tk 17024-16</b>
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flexibel, scharf  
*flexible, sharp*  
 flexible, pointu  
*flexible, agudo*  
 flessibile, acuto



1:1



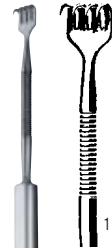
1:1



1:1

160 mm - 6 1/4"	<b>tk 17031-16</b>	<b>tk 17032-16</b>	<b>tk 17034-16</b>
-----------------	--------------------	--------------------	--------------------

flexibel, stumpf  
*flexible, blunt*  
 flexible, mousse  
*flexible, romo*  
 flessibile, smusso



1:1

1:2

**KNAPP  
 (ROLLET)**

160 mm - 6 1/4"

**tk 17025-16**

flexibel, scharf  
*flexible, sharp*  
 flexible, pointu  
*flexible, agudo*  
 flessibile, acuto



1:2

1:1



1:1



1:1



1:1

**DESMARRES**

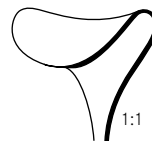
	x = 8 mm	x = 10 mm	x = 12 mm
160 mm - 6 1/4"	<b>tk 17038-08</b>	<b>tk 17038-10</b>	<b>tk 17038-12</b>



1:1



1:1



1:1

	x = 14 mm	x = 16 mm	x = 18 mm
160 mm - 6 1/4"	<b>tk 17038-14</b>	<b>tk 17038-16</b>	<b>tk 17038-18</b>

Wundhaken | Ecarteurs  
 Retractors | Separadores  
 Divaricatori



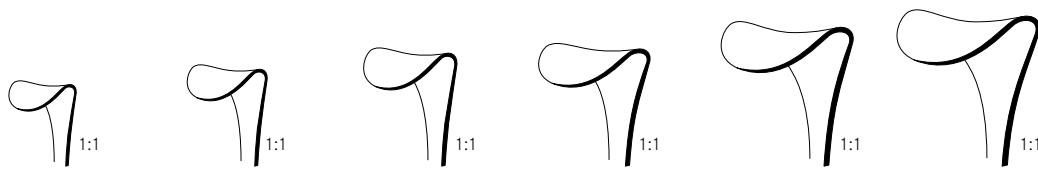
**CUSHING**



	x = 8 mm	x = 10 mm	x = 12 mm	x = 14 mm	x = 16 mm	x = 18 mm
200 mm - 8"	<b>tk 17200-08</b>	<b>tk 17200-10</b>	<b>tk 17200-12</b>	<b>tk 17200-14</b>	<b>tk 17200-16</b>	<b>tk 17200-18</b>
240 mm - 9½"	<b>tk 17201-08</b>	<b>tk 17201-10</b>	<b>tk 17201-12</b>	<b>tk 17201-14</b>	<b>tk 17201-16</b>	<b>tk 17201-18</b>



**GIL-VERNET**








	x = 8 mm	x = 11 mm	x = 15 mm	x = 17 mm	x = 20 mm	x = 23 mm
240 mm - 9½"	<b>tk 17203-08</b>	<b>tk 17203-11</b>	<b>tk 17203-15</b>	<b>tk 17203-17</b>	<b>tk 17203-20</b>	<b>tk 17203-23</b>

**biegsam**  
*malleable*  
 malléable  
*maleable*  
 malleabile

Wundhaken | Ecarteurs  
 Retractors | Separadores  
 Divaricatori

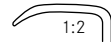










**LANGENBECK**

	 1:1	 1:1	 1:1
	Fig. 1	Fig. 2	Fig. 3
	30 mm x 11 mm	30 mm x 14 mm	30 mm x 16 mm
210 mm - 8 1/4"	<b>tk 17112-01</b>	<b>tk 17112-02</b>	<b>tk 17112-03</b>
	 1:1	 1:1	
	Fig. 4	Fig. 5	
	40 mm x 11 mm	50 mm x 11 mm	
210 mm - 8 1/4"	<b>tk 17112-04</b>	<b>tk 17112-05</b>	



**KOCHER-LANGENBECK (OBWEGESER)**

	 1:2	 1:2	 1:2	 1:2
	25 mm x 7 mm	35 mm x 8 mm	35 mm x 11 mm	35 mm x 15 mm
215 mm - 8 1/2"	<b>tk 17114-01</b>	<b>tk 17114-02</b>	<b>tk 17114-03</b>	<b>tk 17114-04</b>
	 1:2	 1:2	 1:2	
	42 mm x 10 mm	55 mm x 12 mm	70 mm x 14 mm	
215 mm - 8 1/2"	<b>tk 17114-05</b>	<b>tk 17114-06</b>	<b>tk 17114-07</b>	
	 1:2	 1:2		
	80 mm x 12 mm	80 mm x 16 mm		
215 mm - 8 1/2"	<b>tk 17114-08</b>	<b>tk 17114-09</b>		

Wundhaken  
Retractors

Ecarteurs  
Separadores  
Divaricatori



**OBWEGESER**

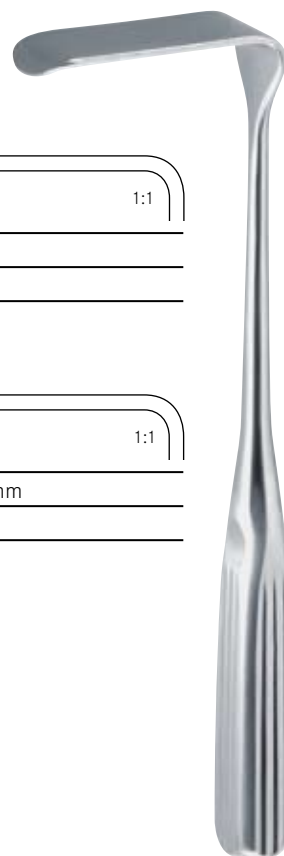
	42 mm x 13 mm	60 mm x 12 mm
220 mm - 8 <sup>3</sup> / <sub>4</sub> "	<b>tk 52715-01</b>	<b>tk 52715-02</b>

	80 mm x 16 mm
220 mm - 8 <sup>3</sup> / <sub>4</sub> "	<b>tk 52715-03</b>

**SAUERBRUCH**

	45 mm x 15 mm	75 mm x 20 mm
225 mm - 8 <sup>3</sup> / <sub>4</sub> "	<b>tk 17120-22</b>	<b>tk 17121-22</b>

	60 mm x 23 mm
220 mm - 8 <sup>3</sup> / <sub>4</sub> "	<b>tk 17122-22</b>



Wundhaken  
Retractors

Ecarteurs  
Separadores  
Divaricatori



LAHEY

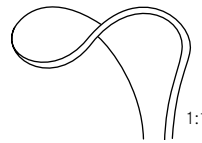
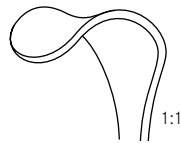
190 mm - 7½"

28 mm x 6 mm

**tk 17118-19**



KOCHER



19 mm x 12 mm

21 mm x 14 mm

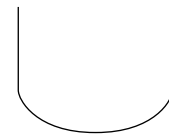
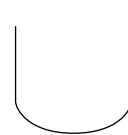
190 mm - 7½"

**tk 17125-01**

**tk 17125-02**



KOCHER



40 mm x 10 mm

40 mm x 15 mm

40 mm x 20 mm

220 mm - 8¾"

**tk 17127-01**

**tk 17127-02**

**tk 17127-03**

<p><b>Wundhaken</b> <i>Retractors</i></p>	<p>Ecarteurs <i>Separadores</i> Divaricatori</p>
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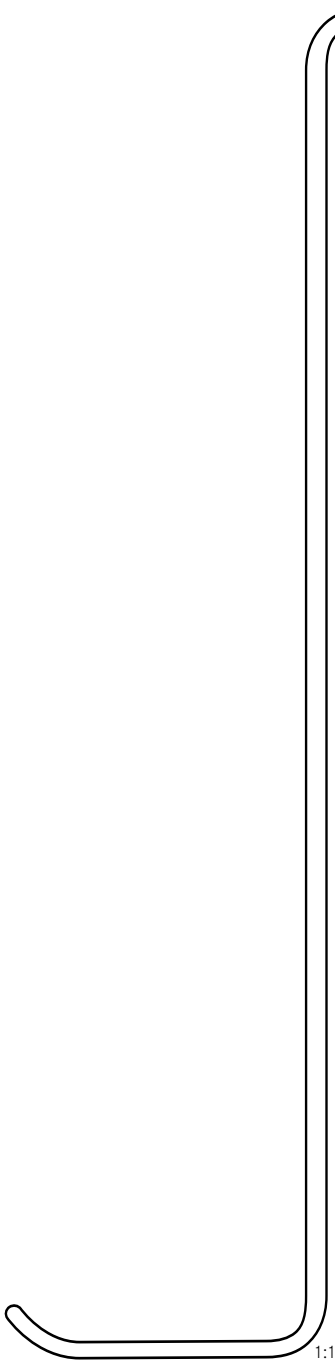


**MORRIS**

	70 mm x 40 mm	70 mm x 50 mm	70 mm x 65 mm
245 mm - 9 <sup>3</sup> / <sub>4</sub> "	<b>tk 17900-40</b>	<b>tk 17900-50</b>	<b>tk 17900-65</b>

Wundhaken  
Retractors

Ecarteurs  
Separadores  
Divaricatori



**CZERNY**

155 mm - 6 3/4"

**tk 17255-01**



**BLALOCK**

240 mm - 9 1/2"

**tk 16940-01**



**BROMPTON**

26 mm x 15 mm

190 mm - 7 1/2"

**tk 17195-01**



**BROCKS**

28 mm x 13 mm

190 mm - 7 1/2"

**tk 17119-01**



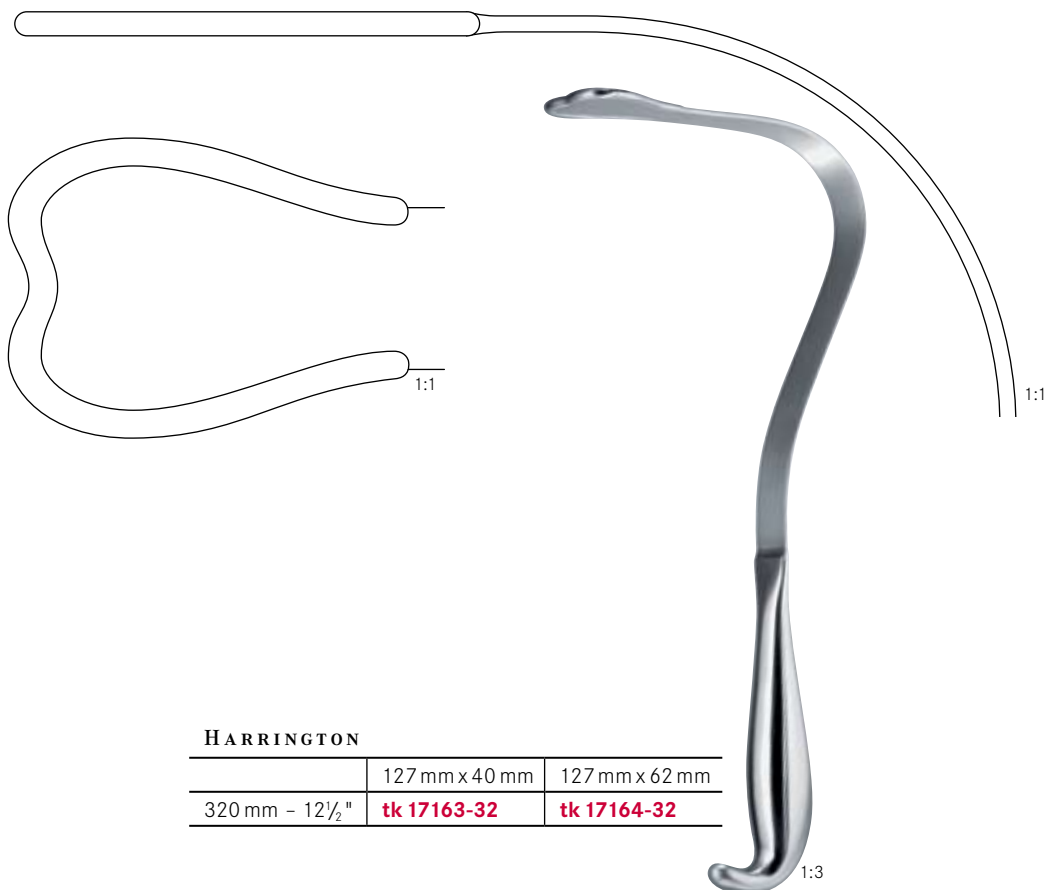
**Wundhaken**  
**Retractors**

Ecarteurs  
Separadores  
Divaricatori



**SIMON**

	115 mm x 22 mm	115 mm x 27 mm
280 mm - 11"	<b>tk 17160-28</b>	<b>tk 17161-28</b>



**HARRINGTON**

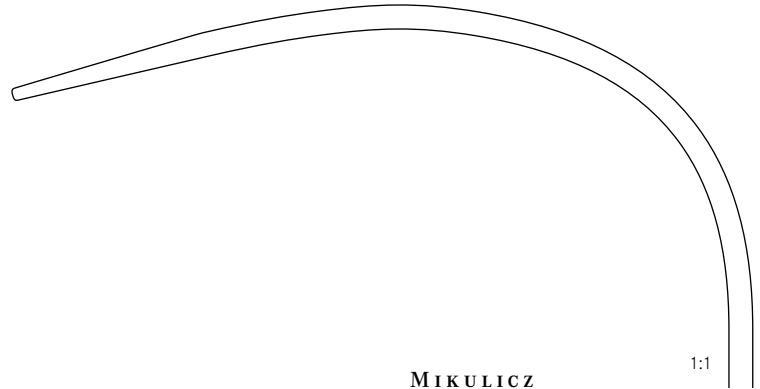
	127 mm x 40 mm	127 mm x 62 mm
320 mm - 12½"	<b>tk 17163-32</b>	<b>tk 17164-32</b>

Wundhaken  
Retractors

Ecarteurs  
Separadores  
Divaricatori



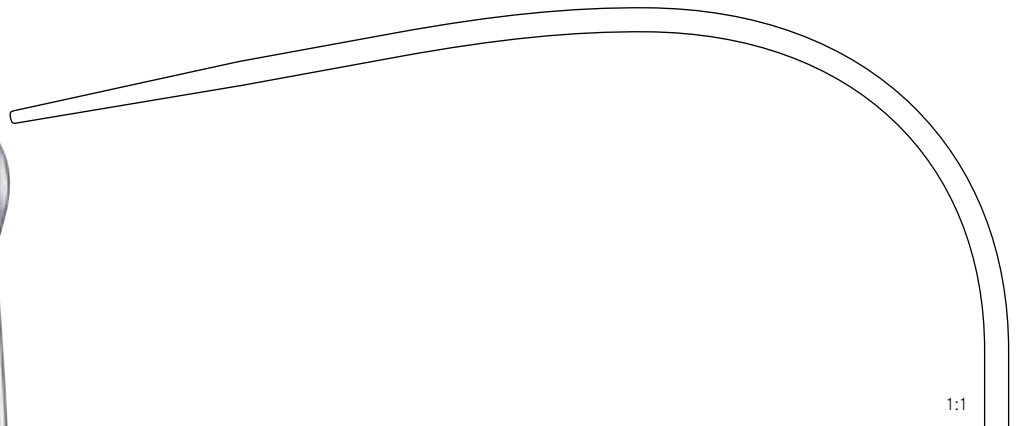
1:2



1:1

MIKULICZ

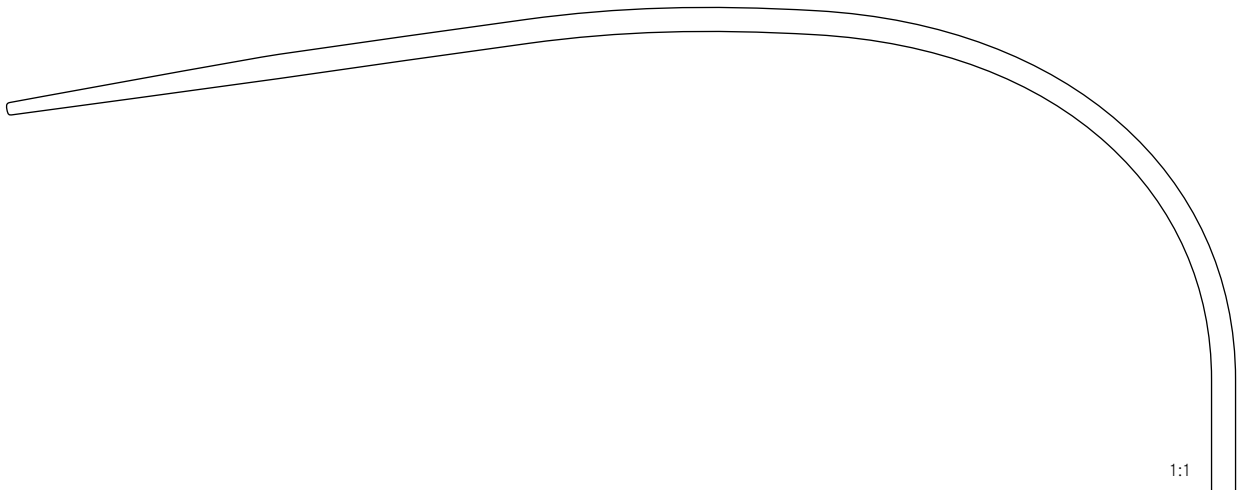
	95 mm x 35 mm
260 mm - 10 1/4"	<b>tk 17170-26</b>



1:1

120 mm x 50 mm

**tk 17171-26**



1:1

150 mm x 50 mm

**tk 17172-26**

Wundhaken  
Retractors

Ecarteurs  
Separadores  
Divaricatori



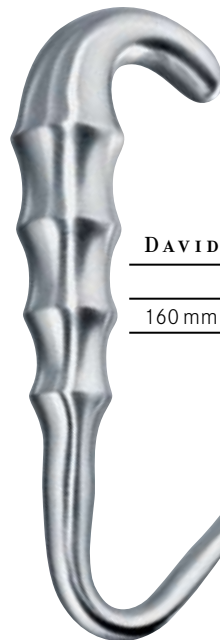
**MIKULICZ**

260 mm - 10 1/4"

90 mm x 50 mm

**tk 17174-26**

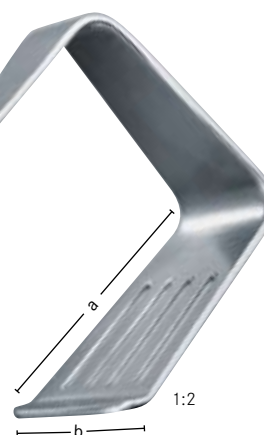
1:2



**DAVIDSON**

	a = 75 mm - b = 50 mm	a = 75 mm - b = 90 mm
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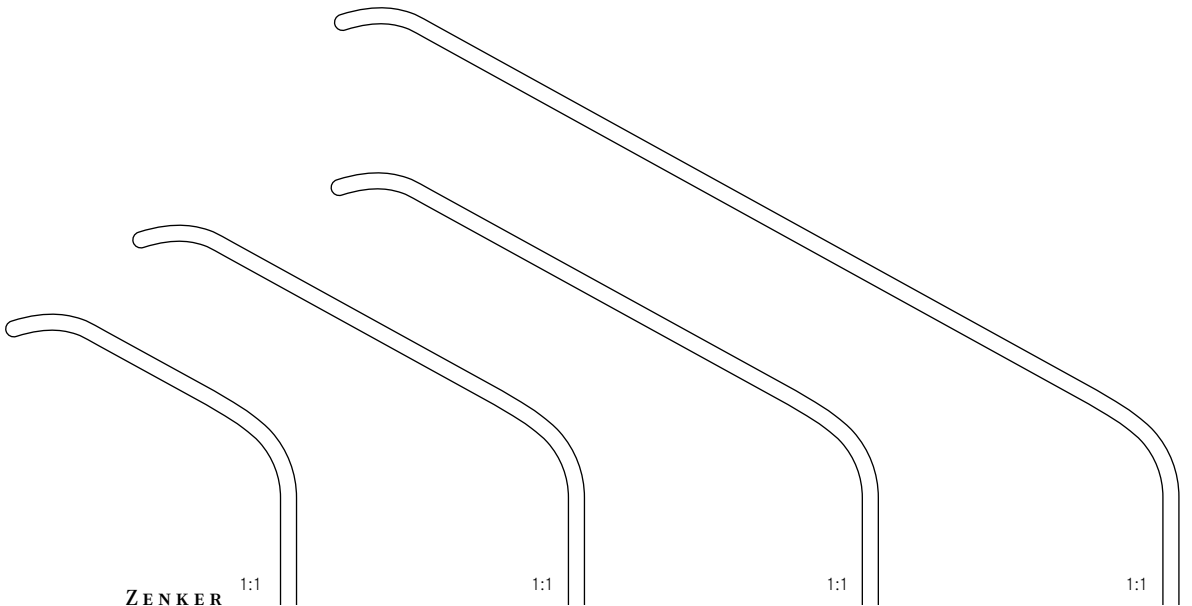
160 mm - 6 1/4"	<b>tk 17176-01</b>	<b>tk 17176-02</b>
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1:2

Wundhaken  
Retractors

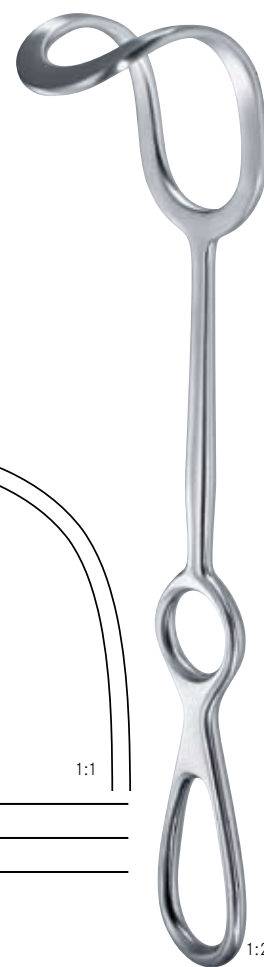
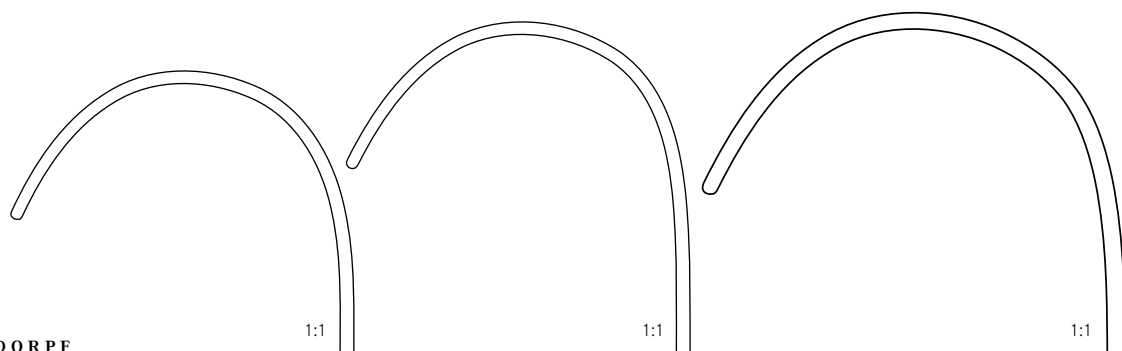
Ecarteurs  
Separadores  
Divaricatori



ZENKER 1:1	1:1	1:1	1:1
250 mm - 9¾"	260 mm - 10¼"	275 mm - 10¾"	290 mm - 11½"
35 mm x 8 mm	60 mm x 12 mm	75 mm x 12 mm	120 mm x 12 mm
<b>tk 17179-01</b>	<b>tk 17179-02</b>	<b>tk 17179-03</b>	<b>tk 17179-04</b>

Wundhaken  
Retractors

Ecarteurs  
Separadores  
Divaricatori



MIDDELDORPF

1:1

1:1

1:1

	45 mm x 45 mm	45 mm x 50 mm	55 mm x 70 mm
255 mm - 10"	<b>tk 17181-01</b>	<b>tk 17181-02</b>	<b>tk 17181-03</b>

Wundhaken  
Retractors

Ecarteurs  
Separadores  
Divaricatori



ST. MARKS

290 mm - 11½"	325 mm - 12¾"	330 mm - 13"
130 mm x 60 mm	180 mm x 60 mm	180 mm x 60 mm
<b>tk 17214-01</b>	<b>tk 17214-02</b>	<b>tk 17214-03</b>

**Wundhaken**  
**Retractors**

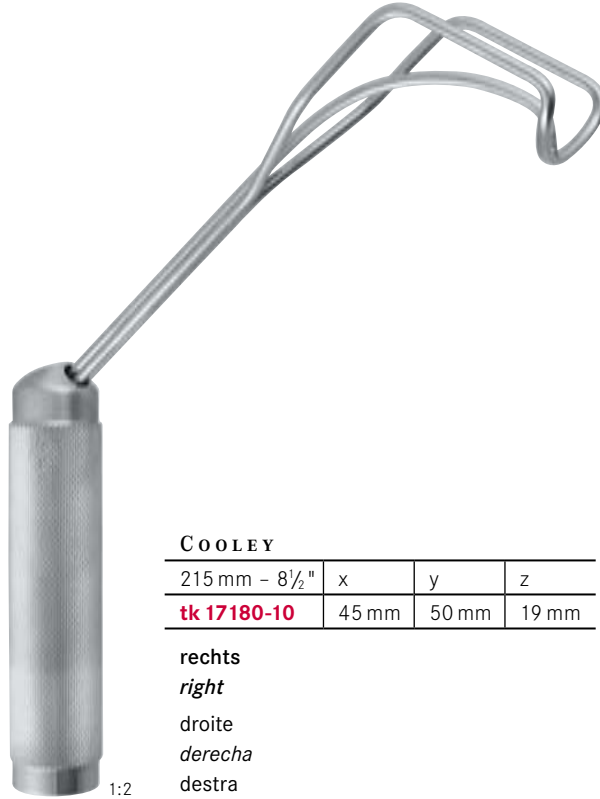
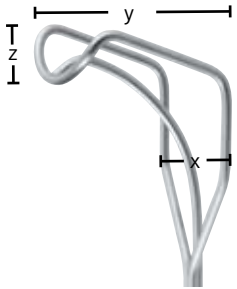
Ecarteurs  
Separadores  
Divaricatori



<b>COOLEY</b>			
	a = 48 mm - b = 45 mm	a = 48 mm - b = 45 mm	a = 48 mm - b = 30 mm
240 mm - 9½"	<b>tk 17180-01</b>	<b>tk 17180-02</b>	-
290 mm - 11½"	-	-	<b>tk 17180-03</b>
	rechts <i>right</i> droite <i>derecha</i> destra	rechts, gerieft <i>right, serrated</i> droite, strié <i>derecha, estriada</i> destra, zigrinato	links <i>left</i> gauche <i>izquierda</i> sinistra

Wundhaken  
Retractors

Ecarteurs  
Separadores  
Divaricatori



**COOLEY**

215 mm - 8 1/2"	x	y	z
<b>tk 17180-10</b>	45 mm	50 mm	19 mm

rechts  
right  
droite  
derecha  
destra

1:2



1:2

	x	y	z
<b>tk 17180-12</b>	35 mm	38 mm	15 mm



1:2

	x	y	z
<b>tk 17180-14</b>	45 mm	40 mm	22 mm



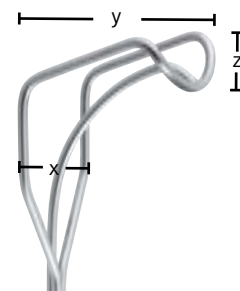
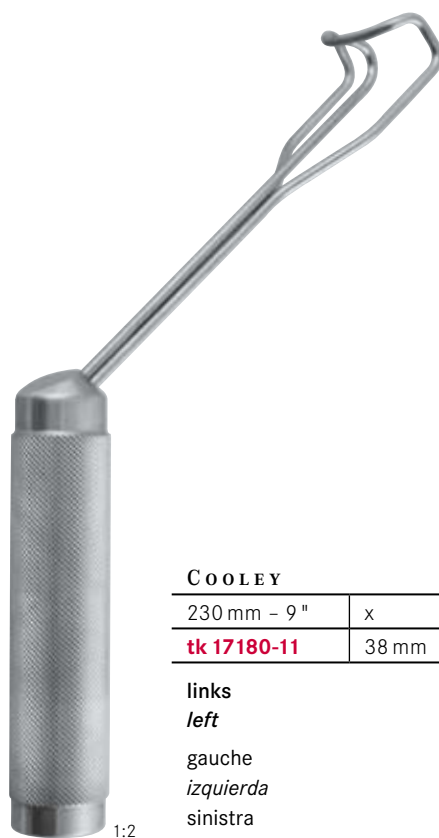
1:2

	x	y	z
<b>tk 17180-16</b>	18 mm	30 mm	8 mm



Wundhaken  
Retractors

Ecarteurs  
Separadores  
Divaricatori



**COOLEY**

230 mm - 9"	x	y	z
<b>tk 17180-11</b>	38 mm	19 mm	14 mm

links  
left  
gauche  
izquierda  
sinistra



	x	y	z
<b>tk 17180-13</b>	45 mm	20 mm	20 mm



	x	y	z
<b>tk 17180-15</b>	17 mm	19 mm	9 mm

Wundhaken  
*Retractors*

Ecarteurs  
*Separadores*  
Divaricatori



**BOROWSKI**

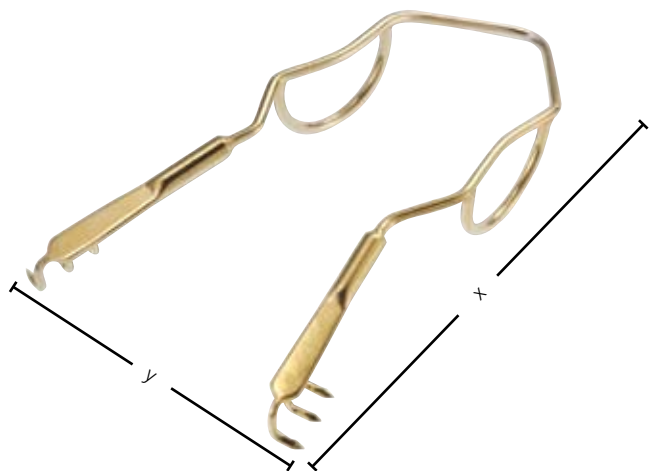
1:2

	270 mm - 10 <sup>3</sup> / <sub>4</sub> "
x = 17 mm - y = 21 mm	<b>tk 17186-01</b>
x = 16 mm - y = 23 mm	<b>tk 17186-02</b>
x = 20 mm - y = 25 mm	<b>tk 17186-03</b>
x = 24 mm - y = 27 mm	<b>tk 17186-04</b>
x = 28 mm - y = 20 mm	<b>tk 17186-05</b>
x = 28 mm - y = 29 mm	<b>tk 17186-06</b>

**biegsam**  
**malleable**  
malléable  
**maleable**  
maleabile

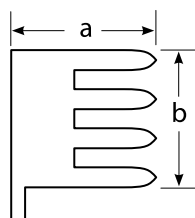
**Wundsperrer**  
**Self-retaining retractors**

Ecarteurs autostatiques  
Separadores autoestáticos  
Divaricatori autostatici



x	y
Länge <i>Length</i>	max. Öffnung <i>max. opening</i>
Longueur <i>Longitud</i>	Ouverture max. <i>Apertura max.</i>
Lunghezza	Apertura mass.

Mini	Small	Medium	Large
x = 29.0 mm	x = 34.0mm	x = 42.0 mm	x = 47.0 mm
y = 27.0 mm	y = 30.0 mm	y = 36.0 mm	y = 39.0 mm
<b>tk 17396-01</b>	<b>tk 17396-02</b>	<b>tk 17396-03</b>	<b>tk 17396-04</b>



**WEITLANER-LOKTITE**

105 mm - 4 1/4"	a = 17 mm - b = 13 mm	<b>tk 17400-10</b>	<b>tk 17400-20</b>	<b>tk 17401-10</b>			
130 mm - 5"	a = 17 mm - b = 17 mm				<b>tk 17402-13</b>	<b>tk 17402-23</b>	<b>tk 17403-13</b>
165 mm - 6 1/2"	a = 17 mm - b = 17 mm				<b>tk 17402-16</b>	<b>tk 17402-26</b>	<b>tk 17403-16</b>
200 mm - 8"	a = 20 mm - b = 19 mm				<b>tk 17404-20</b>	<b>tk 17404-30</b>	<b>tk 17405-20</b>
260 mm - 10 1/4"	a = 26 mm - b = 21 mm				<b>tk 17404-26</b>	<b>tk 17404-36</b>	<b>tk 17405-26</b>

2 x 3	2 x 3	2 x 3	3 x 4	3 x 4	3 x 4
<b>scharf</b>	<b>halbscharf</b>	<b>stumpf</b>	<b>scharf</b>	<b>halbscharf</b>	<b>stumpf</b>
<b>sharp</b>	<b>semi sharp</b>	<b>blunt</b>	<b>sharp</b>	<b>semi sharp</b>	<b>blunt</b>
pointu	semi pointu	mousse	pointu	semi pointu	mousse
agudo	semi agudo	romo	agudo	semi agudo	romo
acuto	semi acuto	smusso	acuto	semi acuto	smusso

## Nadelhalter mit Hartmetalleinsätzen im Maulbereich Needle holders with tungsten-carbide inserts in the jaws

Porte-aiguilles avec des inserts de carbure de tungstène dans les mors  
Porte-agujas con insertos de carburo tungsteno en las bocas  
Port'aghi con inserti in carburo di tungsteno



Alle Nadelhalter mit „tucar“ Hartmetalleinsätzen bieten einen sicheren, festen Halt der Nadel und verhindern deren Verdrehen. Zur Kennzeichnung sind alle Hartmetall-Nadelhalter an den Ringgriffen bzw. den Branchen vergoldet.

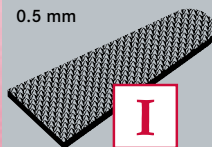
All the needle holders with „tucar“ tungsten-carbide inserts offer a safe and secure grip of the needle and prevent the twisting of the same. Needle holders with tungsten-carbide inserts are identified by gold-plated rings or handles.

Tous les porte-aiguilles avec des inserts «tucar» de carbure de tungstène garantissent que les aiguilles sont tenues sûres et fortes et qu'elles ne peuvent pas se tordre. Les portes-aiguilles avec des inserts de tungstène de carbure peuvent être reconnus à leurs bagues ou manches dorées.

Todas las porta-agujas „tucar“ con los insertos de carburo tungsteno aseguran la sujeción firme y seguro de las agujas que evita la torsión de las cuales. Porta-agujas con insertos de carburo de tungsteno se reconocen por los anillos o mangos dorados.

Tutti i portaaghi con inserti in carburo di tungsteno „tucar“ (tungsten-carbide) assicurano una presa dell'ago sicura e forte, che previene la torsione dall'ago stesso. I port'aghi con inserto in carburo di tungsteno sono riconoscibili per la doratura del manico o degli anelli.

0.5 mm

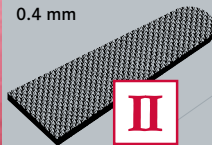


**I**

Normal für Nadeln und Nahtmaterial bis Stärke 4-0  
Regular for use with needles and sutures up to size 4-0

Normale pour aiguilles et matériel à suture jusqu'à l'épaisseur de 4-0  
Normal para agujas y material de suturar hasta el espesor de 4-0  
Normale per aghi e materiale per sutura fino ad uno spessore di 4-0

0.4 mm

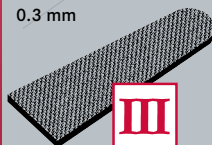


**II**

Fein für feine Nadeln und Nahtmaterial Stärke 5-0 + 6-0  
Fine for delicate needles and sutures sizes 5-0 + 6-0

Fino pour aiguilles fines et matériel à suture à l'épaisseur 5-0 + 6-0  
Fine para agujas finas y material de suturar espesores 5-0 + 6-0  
Fine per aghi fini e materiale per sutura con spessore 5-0 + 6-0

0.3 mm



**III**

Extrafein für Mikro-Nadeln und Nahtmaterial Stärke 7-0 bis 10-0  
Extrafine for use with micro-needles and sutures size 7-0 and 10-0

Extrafino pour micro-aiguilles et matériel à suture à l'épaisseur 7-0 à 10-0  
Extrafine para micro-agujas y material de suturas espesor 7-0 y 10-0  
Extrafine per micro-aghi e materiale per sutura 7-0 e 10-0

Glatt für feine Nadeln und Nahtmaterial Stärke 7-0 bis 12-0  
Smooth for delicate needles and sutures sizes 7-0 and 12-0

Liso pour aiguilles fines et matériel à suture à l'épaisseur 7-0 à 12-0  
Lisse para agujas finas y material de suturas espesor 7-0 y 12-0  
Liscia per aghi fini e materiale per sutura 7-0 e 12-0

**IV**

**Nadelhalter**  
**Needle holders**

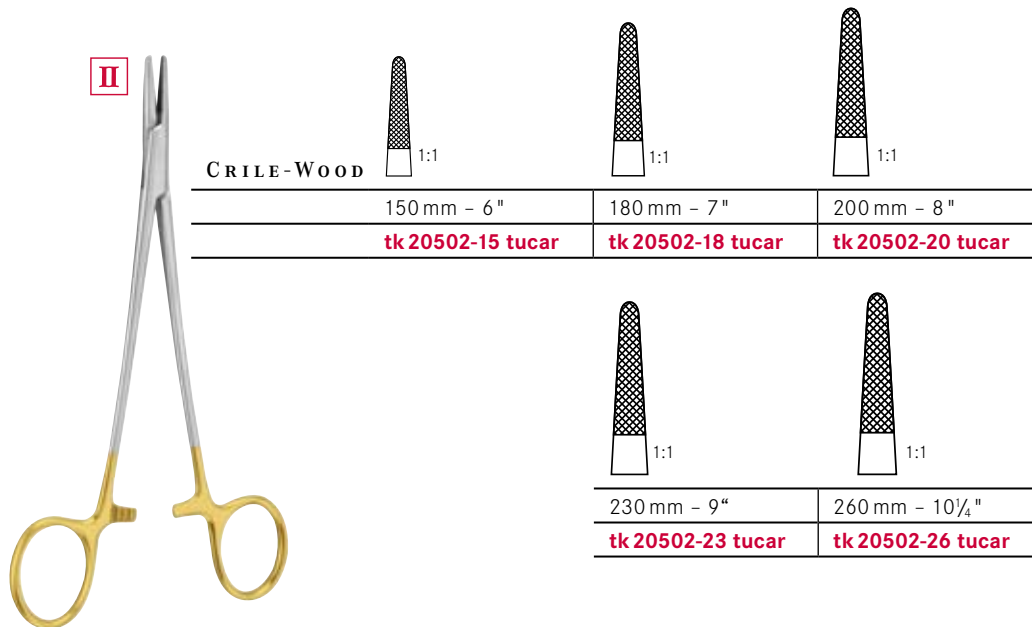
Porte-aiguilles  
Porta-agujas  
Porta aghi



**I**  
**HEGAR-BAUMGARTNER**  
140 mm - 5½"  
**tk 20503-14 tucar**



**II**  
**BABY-CRILE-WOOD**  
150 mm - 6"  
**tk 20504-15 tucar**



Nadelhalter  
Needle holders

Porte-aiguilles  
Porta-agujas  
Porta aghi

**TUCAR** **TK**



**DERF (WRIGHT)**

120 mm - 4¾"

**tk 20508-12 tucar**



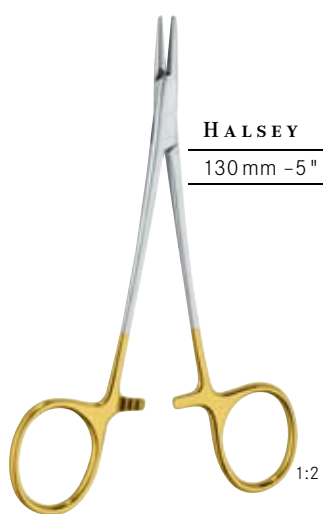
**WEBSTER**

130 mm - 5"

**tk 20509-13 tucar**

glatt  
*smooth*

lisse  
*lisa*  
liscio



**HALSEY**

130 mm - 5"



glatt  
*smooth*  
lisse  
*lisa*  
liscio



gerieft  
*serrated*  
strié  
*estriada*  
zigrinato



**I**

**KILNER**

135 mm - 5¼"

**tk20533-13 tucar**

**Nadelhalter**  
**Needle holders**

Porte-aiguilles  
Porta-agujas  
Porta aghi



**I**

**MAYO-HEGAR**

140 mm - 5½"	160 mm - 6¼"	180 mm - 7"	200 mm - 8"	240 mm - 9½"	260 mm - 10¼"	300 mm - 12"
<b>tk 20512-14</b>	<b>tk 20512-16</b>	<b>tk 20512-18</b>	<b>tk 20512-20</b>	<b>tk 20512-24</b>	<b>tk 20512-26</b>	<b>tk 20512-30</b>

**III**

**NEIVERT (MASING)**

130 mm - 5"

**tk 20517-13 tucar**

ein Ring abgewinkelt  
*one ring angled*

une bague coudée  
*un anillo acodado*  
un anello angolato

**III**

**CONVERSE**

130 mm - 5"

**tk 20518-13 tucar**

**II**

**MATHIEU-OLSEN**

140 mm - 5½"

**tk 20516-14 tucar**

170 mm - 6¾"

**tk 20516-17 tucar**

200 mm - 8"

**tk 20516-20 tucar**

Nadelhalter  
Needle holders

Porte-aiguilles  
Porta-agujas  
Porta aghi

**TUCAR**TK

**II**



**STRATTE**

230 mm - 9"

**tk 20507-23 tucar**

**I**



**HEANEY**

160 mm - 6¼"

**tk 20515-16 tucar**

180 mm - 7"

**tk 20515-18 tucar**

200 mm - 8"

**tk 20515-20 tucar**

**I**



**BOZEMANN  
(WERTHEIM)**



200 mm - 8"

**tk 20530-20 tucar**



240 mm - 9½"

**tk 20530-24 tucar**



260 mm - 10¼"

**tk 20530-26 tucar**



300 mm - 12"

**tk 20530-30 tucar**



**Nadelhalter** | Porte-aiguilles  
**Needle holders** | Porta-agujas  
 Porta aghi



**MASSON**

270 mm - 10<sup>3</sup>/<sub>4</sub>"

**tk 20505-27 tucar**



**FINOCHIETTO**

270 mm - 10<sup>3</sup>/<sub>4</sub>"

**tk 20506-27 tucar**



**WANGENSTEEN**

270 mm - 10<sup>3</sup>/<sub>4</sub>"

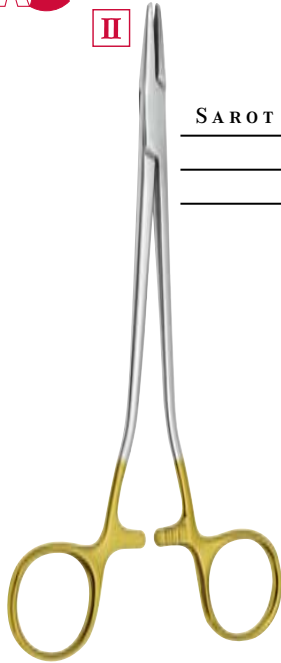
**tk 20526-27 tucar**




Nadelhalter  
Needle holders

Porte-aiguilles  
Porta-agujas  
Porta aghi

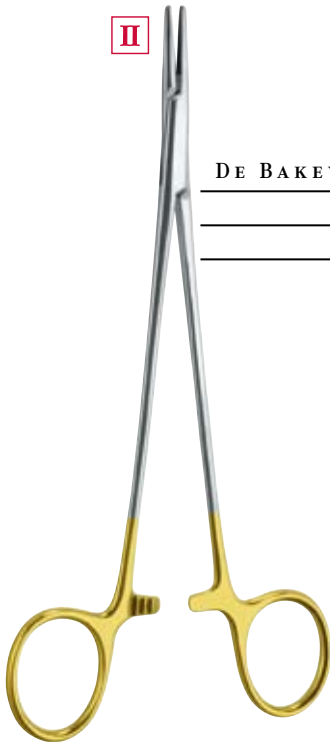
TUCAR<sup>TK</sup>





II



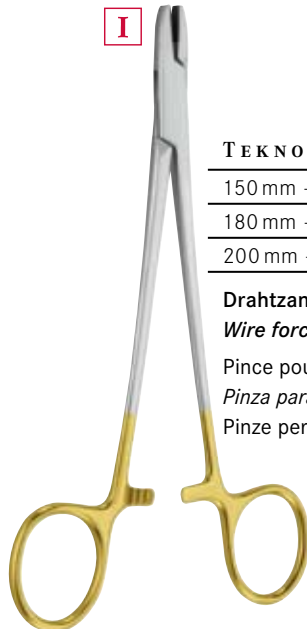
SAROT	 1:1	 1:1	 1:1
	180 mm - 7"	200 mm - 8"	260 mm - 10¼"
	<b>tk 20524-18 tucar</b>	<b>tk 20524-20 tucar</b>	<b>tk 20524-26 tucar</b>



II



DE BAKEY	 1:1	 1:1	 1:1	 1:1
	180 mm - 7"	200 mm - 8"	230 mm - 9"	260 mm - 10¼"
	<b>tk 20522-18 tucar</b>	<b>tk 20522-20 tucar</b>	<b>tk 20522-23 tucar</b>	<b>tk 20522-26 tucar</b>

I



TEKNO-TWIST		
150 mm - 6"	<b>tk 20800-15 tucar</b>	<b>tk 20801-15 tucar</b>
180 mm - 7"	<b>tk 20800-18 tucar</b>	<b>tk 20801-18 tucar</b>
200 mm - 8"	<b>tk 20800-20 tucar</b>	<b>tk 20801-20 tucar</b>

Drahtzange

Wire forceps

Pince pour fils d'acier

Pinza para hilos

Pinze per fili d'acciaio

**Nadelhalter** | Porte-aiguilles  
**Needle holders** | Porta-agujas  
 Porta aghi



**III**

**VASCULAR**

140 mm - 5½"	180 mm - 7"	200 mm - 8"	230 mm - 9"
<b>tk 20525-14 tucar</b>	<b>tk 20525-18 tucar</b>	<b>tk 20525-20 tucar</b>	<b>tk 20525-23 tucar</b>

**II**

**RYDER**

130 mm - 5"	<b>tk 20540-13 tucar</b>
150 mm - 6"	<b>tk 20540-15 tucar</b>
180 mm - 7"	<b>tk 20540-18 tucar</b>
200 mm - 8"	<b>tk 20540-20 tucar</b>
230 mm - 9"	<b>tk 20540-23 tucar</b>
260 mm - 10¼"	<b>tk 20540-26 tucar</b>

**III**

**MINI-RYDER**

<b>tk 20542-13 tucar</b>
<b>tk 20542-15 tucar</b>
<b>tk 20542-18 tucar</b>
<b>tk 20542-20 tucar</b>
<b>tk 20542-23 tucar</b>
<b>tk 20542-26 tucar</b>

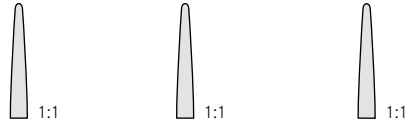
**III**

**DIETRICH**

160 mm - 6¼"	<b>tk 20560-16 tucar</b>
180 mm - 7"	<b>tk 20560-18 tucar</b>
200 mm - 8"	<b>tk 20560-20 tucar</b>
230 mm - 9"	<b>tk 20560-23 tucar</b>
250 mm - 9¾"	<b>tk 20560-25 tucar</b>

Nadelhalter  
Needle holders

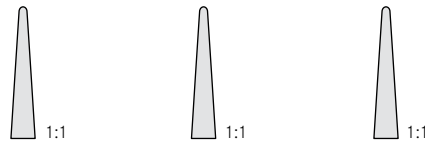
Porte-aiguilles  
Porta-agujas  
Porta aghi



130 mm - 5"	150 mm - 5 $\frac{3}{4}$ "	170 mm - 6 $\frac{3}{4}$ "
<b>tk 20570-13</b>	<b>tk 20570-15</b>	<b>tk 20570-17</b>

mit Spezialbeschichtung im Maul  
*with special coated jaw*

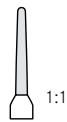
mors avec couche special  
*boca con capa especial*  
morso con spalmatura speciale



180 mm - 7"	200 mm - 8"	230 mm - 9"
<b>tk 20570-18</b>	<b>tk 20570-20</b>	<b>tk 20570-23</b>

mit Spezialbeschichtung im Maul  
*with special coated jaw*

mors avec couche special  
*boca con capa especial*  
morso con spalmatura speciale



<b>RYDER</b>	
130 mm - 5"	<b>tk 20541-13</b>
150 mm - 6"	<b>tk 20541-15</b>
180 mm - 7"	<b>tk 20541-18</b>
200 mm - 8"	<b>tk 20541-20</b>
230 mm - 9"	<b>tk 20541-23</b>

mit Spezialbeschichtung im Maul  
*with special coated jaw*

mors avec couche special  
*boca con capa especial*  
morso con spalmatura speciale

**Nadelhalter** | Porte-aiguilles  
**Needle holders** | Porta-agujas  
 Porta aghi



**IV**



**CASTROVIEJO-  
JACOBSON**



140 mm - 5½"		<b>tk 20710-14 tucar</b>		<b>tk 20711-14 tucar</b>
150 mm - 6"	<b>tk 20704-15 tucar</b>	<b>tk 20710-15 tucar</b>	<b>tk 20705-15 tucar</b>	<b>tk 20711-15 tucar</b>
180 mm - 7"	<b>tk 20704-18 tucar</b>	<b>tk 20710-18 tucar</b>	<b>tk 20705-18 tucar</b>	<b>tk 20711-18 tucar</b>
210 mm - 8¼"	<b>tk 20704-21 tucar</b>	<b>tk 20710-21 tucar</b>	<b>tk 20705-21 tucar</b>	<b>tk 20711-21 tucar</b>

<b>glattes Maul</b> <i>smooth jaws</i>	<b>gerade, ohne Sperre</b> <i>straight, without ratchet</i>	<b>gerade, mit Sperre</b> <i>straight, with ratchet</i>	<b>gebogen, ohne Sperre</b> <i>curved, without ratchet</i>	<b>gebogen, mit Sperre</b> <i>curved, with ratchet</i>
<b>mors lisse</b> <i>boca lisa</i> <b>morso liscio</b>	<b>droit, sans crémaillère</b> <i>recta, sin cremallera</i> <b>retto, senza cremagliera</b>	<b>droit, avec crémaillère</b> <i>recta, con cremallera</i> <b>retto, con cremagliera</b>	<b>courbe, sans crémaillère</b> <i>curva, sin cremallera</i> <b>curvo, senza cremagliera</b>	<b>courbe, avec crémaillère</b> <i>curva, con cremallera</i> <b>curvo, con cremagliera</b>

**III**



**VASCULAR**



180 mm - 7"	<b>tk 20716-18 tucar</b>	<b>tk 20714-18 tucar</b>	<b>tk 20717-18 tucar</b>	<b>tk 20715-18 tucar</b>
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<b>gerade, ohne Sperre</b> <i>straight, without ratchet</i>	<b>gerade, mit Sperre</b> <i>straight, with ratchet</i>	<b>gebogen, ohne Sperre</b> <i>curved, without ratchet</i>	<b>gebogen, mit Sperre</b> <i>curved, with ratchet</i>
<b>droit, sans crémaillère</b> <i>recta, sin cremallera</i> <b>retto, senza cremagliera</b>	<b>droit, avec crémaillère</b> <i>recta, con cremallera</i> <b>retto, con cremagliera</b>	<b>courbe, sans crémaillère</b> <i>curva, sin cremallera</i> <b>curvo, senza cremagliera</b>	<b>courbe, avec crémaillère</b> <i>curva, con cremallera</i> <b>curvo, con cremagliera</b>

1:2

**Gefäßstripper** | Tire-veines  
**Vein stripper** | Fleboextractores  
 Tiravene



	○ 1:1 2 mm Ø	○ 1:1 3 mm Ø	○ 1:1 4 mm Ø	○ 1:1 5 mm Ø	○ 1:1 6 mm Ø
500 mm - 20"	<b>tk 18147-02</b>	<b>tk 18147-03</b>	<b>tk 18147-04</b>	<b>tk 18147-06</b>	<b>tk 18147-07</b>

	○ 1:1 8.5 mm Ø	○ 1:1 10 mm Ø	○ 1:1 12 mm Ø	○ 1:1 14 mm Ø
500 mm - 20"	<b>tk 18147-08</b>	<b>tk 18147-10</b>	<b>tk 18147-12</b>	<b>tk 18147-14</b>



120 mm - 4¾" **tk 18147-30**

Griff für tk 18147-02 - tk 18147-14  
 Handle for tk 18147-02 - tk 18147-14  
 Manche pour tk 18147-02 - tk 18147-14  
 Mango para tk 18147-02 - tk 18147-14  
 Manico per tk 18147-02 - tk 18147-14

1:2



**RUMEL-BELMONT**

	3.2 mm Ø	6.4 mm Ø
325 mm - 12¾"	<b>tk 24845-32</b>	<b>tk 24845-64</b>

Tourniquet	für Kinder	für Erwachsene
<i>Tourniquet</i>	<i>for children</i>	<i>for adults</i>
Tourniquet	pour enfants	pour adultes
<i>Tourniquete</i>	<i>para niños</i>	<i>para adultos</i>
Tourniquet	per bambini	per adulti

**Krampfaderbesteck**  
**Varicose vein probe set**

Trousse à varices  
Juego para várices  
Astuccio per varici



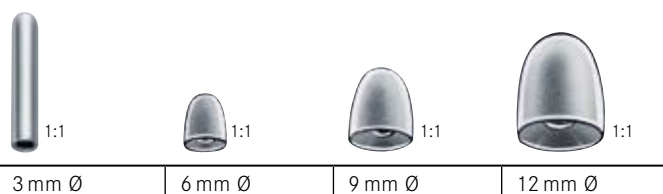
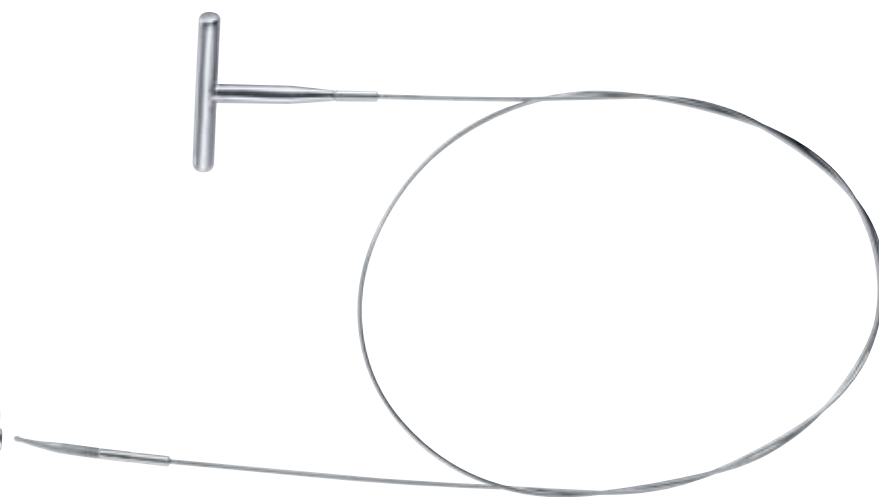
1:2

**NABATOFF**

135 mm x 100 mm x 25 mm

**tk 18145-00**

**komplett**  
**complete**  
complet  
**completo**  
completo



1:1

1:1

1:1

1:1

3 mm Ø

6 mm Ø

9 mm Ø

12 mm Ø

<b>tk 18145-95</b>	<b>tk 18145-80</b>	<b>tk 18145-90</b>	<b>tk 18145-02</b>
Metalletui <i>Metal case</i>	Griff <i>Handle</i>	Zugseil 900 mm <i>Cable 900 mm</i>	Sondenspitze, Kunststoff <i>Probe tip in plastic</i>
Boîte métal <i>Estuche</i>	Manche <i>Mango</i>	Corde à traction 900 mm <i>Cordón 900 mm</i>	Sonde en plastique <i>Extremidad de sonda, plastica</i>
Astuccio	Manico	Fune di trazione 900 mm	Punta di plastica



1:1

1:1

1:1

1:1

1:1

3 mm Ø

6 mm Ø

9 mm Ø

12 mm Ø

15 mm Ø

**tk 18145-03**

**tk 18145-06**

**tk 18145-09**

**tk 18145-12**

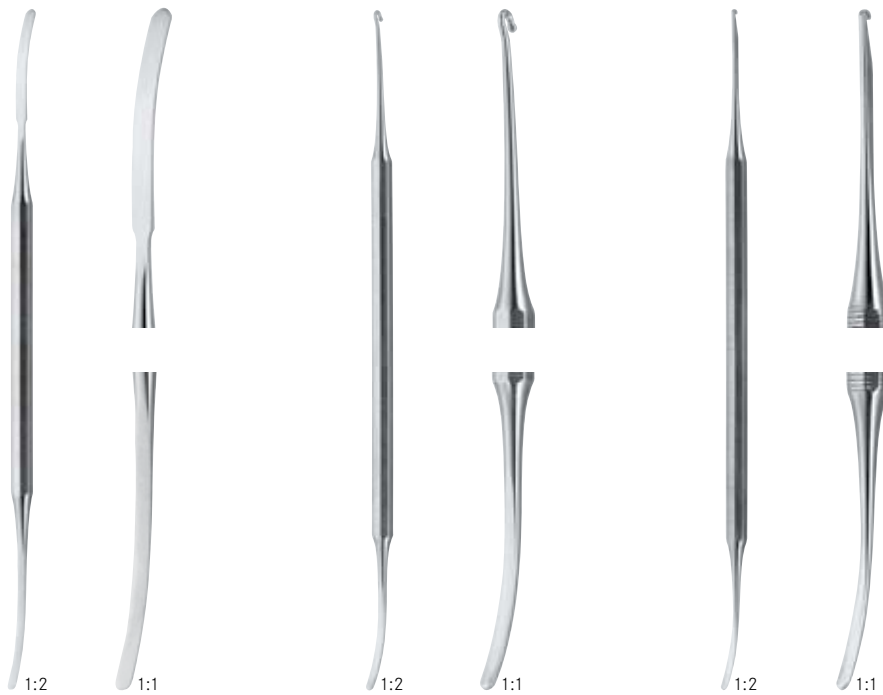
**tk 18145-15**

Sonde  
*Probe*  
Sonde  
*Sonda*  
Sonda

Olive  
*Olive*  
Olive  
*Oliva*  
Oliva

Dissektoren  
*Dissectors*

Dissecteurs  
*Disectores*  
Dissettori



VARADY

180 mm – 7"

**tk 18148-01**

Phlebodissektor  
*Phlebodissektor*  
Dissecteur phlébite  
*Disector de flebo*  
Dissettore flebo

**tk 18148-02**

Phleboextraktor  
*Phleboextraktor*  
Extracteur phlébite  
*Extractor de flebo*  
Estrattore flebo

**tk 18148-03**

Phleboextraktor  
*Phleboextraktor*  
Extracteur phlébite  
*Extractor de flebo*  
Estrattore flebo



**Gefäß-Dilatatoren**  
**Vascular dilators**

Dilatateurs vasculaires  
*Dilatadores vasculares*  
Dilatatori vascolari



<b>DE BAKEY</b>		0.5 mm Ø	1.0 mm Ø	1.5 mm Ø	2.0 mm Ø	2.5 mm Ø	3.0 mm Ø
190 mm - 7½"	<b>tk 24840-05</b>	<b>tk 24840-10</b>	<b>tk 24840-15</b>	<b>tk 24840-20</b>	<b>tk 24840-25</b>	<b>tk 24840-30</b>	
350 mm - 13¾"	<b>tk 24841-05</b>	<b>tk 24841-10</b>	<b>tk 24841-15</b>	<b>tk 24841-20</b>	<b>tk 24841-25</b>	<b>tk 24841-30</b>	

<b>biegsam malleable malléable maleable flessibile</b>		3.5 mm Ø	4.0 mm Ø	4.5 mm Ø	5.0 mm Ø	7.0 mm Ø	9.0 mm Ø
190 mm - 7½"	<b>tk 24840-35</b>	<b>tk 24840-40</b>	<b>tk 24840-45</b>	<b>tk 24840-50</b>	<b>tk 24840-70</b>	<b>tk 24840-90</b>	
350 mm - 13¾"	<b>tk 24841-35</b>	<b>tk 24841-40</b>	<b>tk 24841-45</b>	<b>tk 24841-50</b>	<b>tk 24841-70</b>	<b>tk 24841-90</b>	



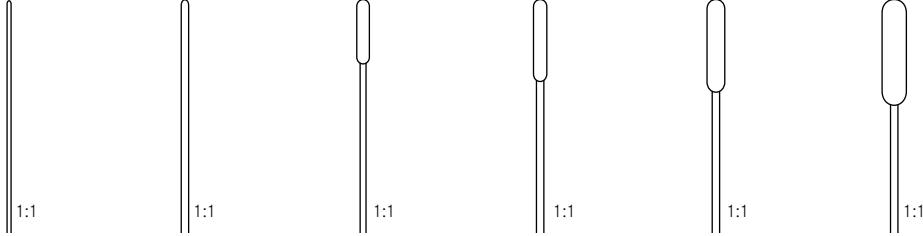
<b>COOLEY</b>		0.5 mm Ø	1.0 mm Ø	1.5 mm Ø	2.0 mm Ø
130 mm - 5"	<b>tk 24844-05</b>	<b>tk 24844-10</b>	<b>tk 24844-15</b>	<b>tk 24844-20</b>	

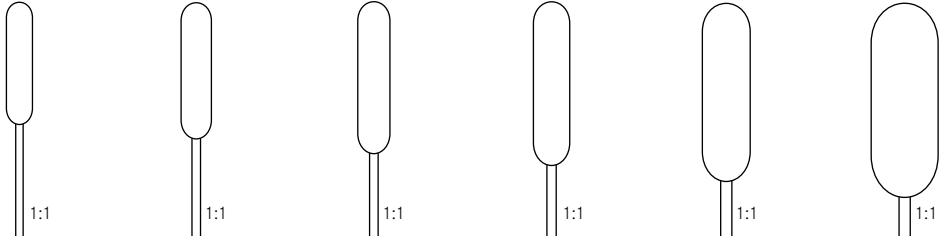
  

<b>biegsam malleable malléable maleable flessibile</b>		2.5 mm Ø	3.0 mm Ø	4.0 mm Ø	5.0 mm Ø
130 mm - 5"	<b>tk 24844-25</b>	<b>tk 24844-30</b>	<b>tk 24844-40</b>	<b>tk 24844-50</b>	

**Gefäß-Dilatatoren** | Dilatateurs vasculaires  
*Vascular dilators* | *Dilatadores vasculares*  
 Dilatatori vascolari



GARRETT						
	0.5 mm Ø	1.0 mm Ø	1.5 mm Ø	2.0 mm Ø	2.5 mm Ø	3.0 mm Ø
140 mm – 5½" "	<b>tk 24842-05</b>	<b>tk 24842-10</b>	<b>tk 24842-15</b>	<b>tk 24842-20</b>	<b>tk 24842-25</b>	<b>tk 24842-30</b>
190 mm – 7½" "	<b>tk 24843-05</b>	<b>tk 24843-10</b>	<b>tk 24843-15</b>	<b>tk 24843-20</b>	<b>tk 24843-25</b>	<b>tk 24843-30</b>
210 mm – 8¼" "	<b>tk 24847-05</b>	<b>tk 24847-10</b>	<b>tk 24847-15</b>	<b>tk 24847-20</b>	<b>tk 24847-25</b>	<b>tk 24847-30</b>
350 mm – 13¾" "	<b>tk 24848-05</b>	<b>tk 24848-10</b>	<b>tk 24848-15</b>	<b>tk 24848-20</b>	<b>tk 24848-25</b>	<b>tk 24848-30</b>

GARRETT						
	3.5 mm Ø	4.0 mm Ø	4.5 mm Ø	5.0 mm Ø	7.0 mm Ø	9.0 mm Ø
140 mm – 5½" "	<b>tk 24842-35</b>	<b>tk 24842-40</b>	<b>tk 24842-45</b>	<b>tk 24842-50</b>	-	-
190 mm – 7½" "	<b>tk 24843-35</b>	<b>tk 24843-40</b>	<b>tk 24843-45</b>	<b>tk 24843-50</b>	<b>tk 24843-70</b>	<b>tk 24843-90</b>
210 mm – 8¼" "	<b>tk 24847-35</b>	<b>tk 24847-40</b>	<b>tk 24847-45</b>	<b>tk 24847-50</b>	<b>tk 24847-70</b>	<b>tk 24847-90</b>
350 mm – 13¾" "	<b>tk 24848-35</b>	<b>tk 24848-40</b>	<b>tk 24848-45</b>	<b>tk 24848-50</b>	<b>tk 24848-70</b>	<b>tk 24848-90</b>

GARRETT		
140 mm – 5½" "	10	<b>tk 24842-00</b>
190 mm – 7½" "	12	<b>tk 24843-00</b>
210 mm – 8¼" "	12	<b>tk 24847-00</b>
350 mm – 13¾" "	12	<b>tk 24848-00</b>

Stück per Satz  
 Pieces per set  
 Pièces per jeu  
 Piezas para juego  
 Pezzi per serie

**Dilatatoren** | Dilatateurs  
*Dilators* | *Dilatadores*  
Dilatatori



**HEGAR**

1.0 mm Ø	<b>tk 34250-10</b>
1.5 mm Ø	<b>tk 34250-15</b>
2.0 mm Ø	<b>tk 34250-20</b>
2.5 mm Ø	<b>tk 34250-25</b>
3.0 mm Ø	<b>tk 34250-30</b>
3.5 mm Ø	<b>tk 34250-35</b>
4.0 mm Ø	<b>tk 34250-40</b>
4.5 mm Ø	<b>tk 34250-45</b>
5.0 mm Ø	<b>tk 34250-50</b>
5.5 mm Ø	<b>tk 34250-55</b>
6.0 mm Ø	<b>tk 34250-60</b>
6.5 mm Ø	<b>tk 34250-65</b>
7.0 mm Ø	<b>tk 34250-70</b>
7.5 mm Ø	<b>tk 34250-75</b>
8.0 mm Ø	<b>tk 34250-80</b>
8.5 mm Ø	<b>tk 34250-85</b>
9.0 mm Ø	<b>tk 34250-90</b>
9.5 mm Ø	<b>tk 34250-95</b>

10.0 mm Ø	<b>tk 34251-00</b>
10.5 mm Ø	<b>tk 34251-05</b>
11.0 mm Ø	<b>tk 34251-10</b>
11.5 mm Ø	<b>tk 34251-15</b>
12.0 mm Ø	<b>tk 34251-20</b>
12.5 mm Ø	<b>tk 34251-25</b>
13.0 mm Ø	<b>tk 34251-30</b>
13.5 mm Ø	<b>tk 34251-35</b>
14.0 mm Ø	<b>tk 34251-40</b>
14.5 mm Ø	<b>tk 34251-45</b>
15.0 mm Ø	<b>tk 34251-50</b>
15.5 mm Ø	<b>tk 34251-55</b>
16.0 mm Ø	<b>tk 34251-60</b>
16.5 mm Ø	<b>tk 34251-65</b>
17.0 mm Ø	<b>tk 34251-70</b>
17.5 mm Ø	<b>tk 34251-75</b>
18.0 mm Ø	<b>tk 34251-80</b>
18.5 mm Ø	<b>tk 34251-85</b>
19.0 mm Ø	<b>tk 34251-90</b>
19.5 mm Ø	<b>tk 34251-95</b>

20.0 mm Ø	<b>tk 34252-00</b>
21.0 mm Ø	<b>tk 34252-10</b>
22.0 mm Ø	<b>tk 34252-20</b>
23.0 mm Ø	<b>tk 34252-30</b>
24.0 mm Ø	<b>tk 34252-40</b>
25.0 mm Ø	<b>tk 34252-50</b>
26.0 mm Ø	<b>tk 34252-60</b>
27.0 mm Ø	<b>tk 34252-70</b>
28.0 mm Ø	<b>tk 34252-80</b>
29.0 mm Ø	<b>tk 34252-90</b>
30.0 mm Ø	<b>tk 34253-00</b>

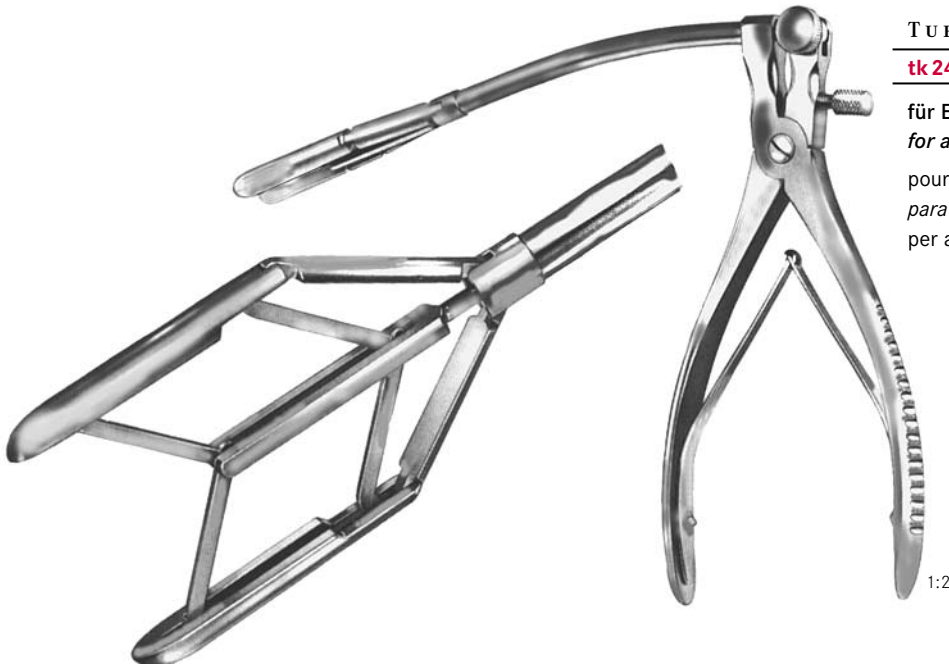


**HEGAR**

1 / 2 mm Ø	<b>tk 34262-02</b>
3 / 4 mm Ø	<b>tk 34262-04</b>
5 / 6 mm Ø	<b>tk 34262-06</b>
7 / 8 mm Ø	<b>tk 34262-08</b>
9 / 10 mm Ø	<b>tk 34262-10</b>
11 / 12 mm Ø	<b>tk 34262-12</b>
13 / 14 mm Ø	<b>tk 34262-14</b>
15 / 16 mm Ø	<b>tk 34262-16</b>
17 / 18 mm Ø	<b>tk 34262-18</b>
19 / 20 mm Ø	<b>tk 34262-20</b>
21 / 22 mm Ø	<b>tk 34262-22</b>
23 / 24 mm Ø	<b>tk 34262-24</b>
25 / 26 mm Ø	<b>tk 34262-26</b>

Aorta-Dilatatoren  
*Aorta dilators*

Dilatateurs aortiques  
*Dilatadores de aorta*  
Dilatatori per aorta

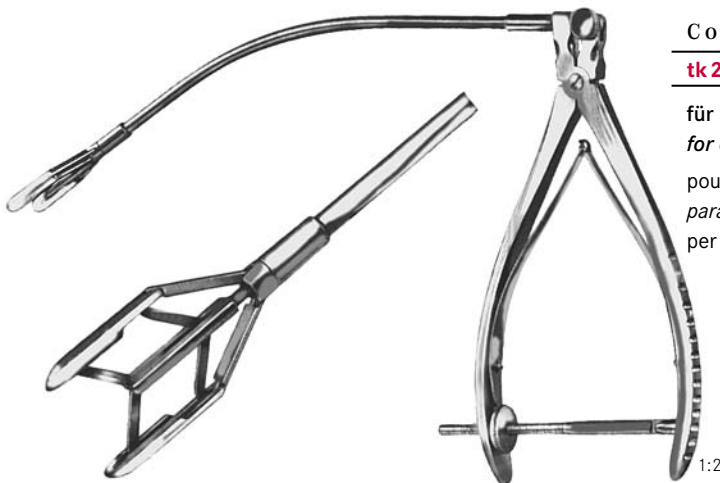


**TUBBS**

**tk 24838-00**

für Erwachsene, Spreizweite 8 mm – 42 mm  
*for adults, blade opening from 8 mm – 42 mm*  
pour adultes, écartement de 8 mm – 42 mm  
*para adultos, apertura de 8 mm – 42 mm*  
per adulti, apertura da 8 mm – 42 mm

1:2



**COOLEY**

**tk 24839-00**

für Kinder, Spreizweite 6 mm – 15 mm  
*for children, blade opening from 6 mm – 15 mm*  
pour enfants, écartement de 6 mm – 15 mm  
*para niños, apertura de 6 mm – 15 mm*  
per bambini, apertura da 6 mm – 15 mm

1:2

**Tunnelierbesteck**  
*Tunneling set*

Jeu pour tunnelisation  
*Juego de tunelizacion*  
Set per tunnelizzazione



**tk 24846-00**

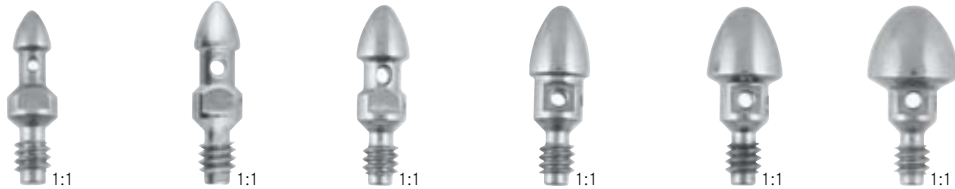
**Satz komplett**  
*Set complete*

Jeu complet  
*Juego completo*  
Set completo

Tunnelierbesteck  
Tunneling set

Jeu pour tunnelisation  
Juego de tunelización  
Set per tunnelizzazione

Oliven, Paar  
Olives, pair  
Olives, paire  
Olives, par  
Olive, paio



5 mm	6 mm	7 mm	8 mm	10 mm	12 mm
<b>tk 24846-05</b>	<b>tk 24846-06</b>	<b>tk 24846-07</b>	<b>tk 24846-08</b>	<b>tk 24846-10</b>	<b>tk 24846-12</b>

Tunnelierschäfte  
Tunneling sheaths

Gaines de tunnelisation  
Vástagos de tunelización  
Guaine di tunnelizzazione



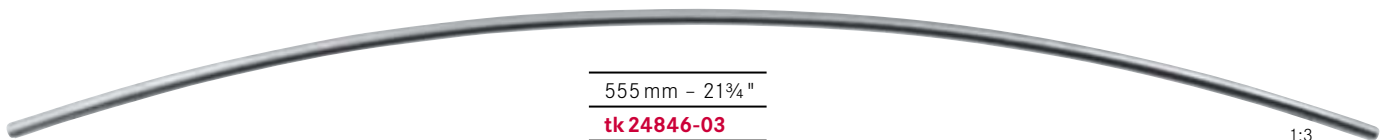
245 mm - 9¾"

**tk 24846-01**



245 mm - 9¾"

**tk 24846-02**



555 mm - 21¾"

**tk 24846-03**

**Tunnelierbesteck**  
*Tunneling set*

Jeu pour tunnelisation  
*Juego de tunelizacion*  
Set per tunnelizzazione



1:1

**tk 24846-15**

**Venenaufsatz**  
*Vein tip*

Embout pour veines  
*Punta para veines*  
Inserto per vena



1:1

125 mm - 5"

**tk 24846-04**

**Griff, Paar**  
*Handle, pair*  
Manche, paire  
*Mango, par*  
Manico, paio



1:1

100 mm - 4"

**tk 24846-17**

**Gabelschlüssel**  
*Wrench*  
Clé à fourche  
*Llave de tuercas*  
Chiave a forchetta



1:1

**tk 24846-16**

**Luer Adapter**  
*Luer adapter*

Adaptateur Luer  
*Adaptador Luer*  
Adattatore Luer

**tk 24846-20**

**Etui allein**  
*Case only*  
Boîte seule  
*Caja suelta*  
Scatola sola

**Aortastanzen**  
**Aorta punches**

Perforateurs pour l'aorte  
Perforadores para aorta  
Perforatori per aorta



	x = 4 mm	x = 5 mm	x = 6 mm
150 mm - 6 $\frac{3}{4}$ "	<b>tk 24847-02</b>	<b>tk 24847-03</b>	<b>tk 24847-04</b>



Hohlmeißelzangen  
*Bone rongeurs*

Pinces gouges  
*Pinzas gubias*  
 Pinze sgorbie



**BEYER**  
 180 mm - 7"  
**tk 24615-18**



**RUSKIN**  
 180 mm - 7" **tk 24616-05** **tk 24616-04**



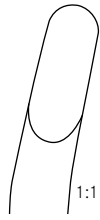
**MAYFIELD**  
 175 mm - 7"  
**tk 24627-17**

Hohlmeißelzangen  
*Bone rongeurs*

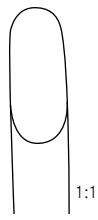
Pinces gouges  
*Pinzas gubias*  
Pinze sgorbie



STILLE-  
RUSKIN



1:1



1:1

230 mm - 9"

**tk 24617-23**

**tk 24618-23**

1:2



STILLE



1:1



1:1



1:1

4 mm

6 mm

8 mm

230 mm - 9"

**tk 24619-04**

**tk 24619-06**

**tk 24619-08**

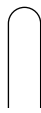


1:2

Hohlmeißelzangen  
Bone rongeurs

Pinces gouges  
Pinzas gubias  
Pinze sgorbie





1:2

LEKSELL	 1:1	 1:1	 1:1
	4 mm	6 mm	8 mm
240 mm - 9½"	<b>tk 24621-04</b>	<b>tk 24621-06</b>	<b>tk 24621-08</b>



1:2

STILLE-LUER	 1:1	 1:1
220 mm - 8¾"	<b>tk 24624-22</b>	<b>tk 24625-22</b>

Hohlmeißelzangen  
*Bone rongeurs*

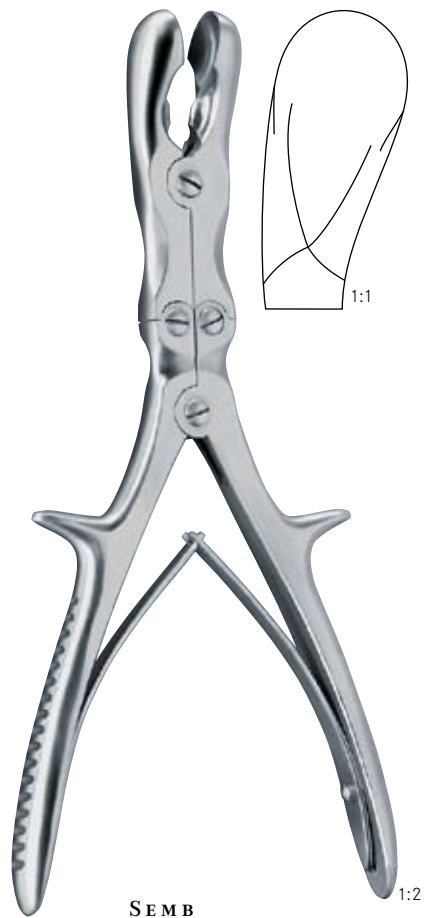
Pinces gouges  
*Pinzas gubias*  
Pinze sgorbie



**RÖTTGEN-  
RUSKIN**

230 mm - 9"

**tk 24629-23**



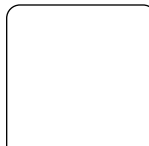
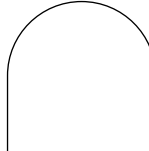
**SEMB**

240 mm - 9½"

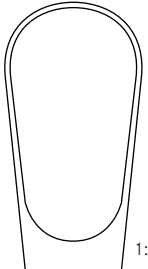
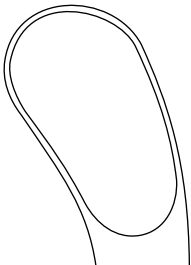
**tk 24630-23**

Hohlmeißelzangen | Pinces gouges  
*Bone rongeurs* | *Pinzas gubias*  
 Pinze sgorbie



SAUERBRUCH	 1:1	 1:1
	Fig. 1	Fig. 2
300 mm - 12"	<b>tk 24633-01</b>	<b>tk 24633-02</b>



LUER-STILLE	 1:1	 1:1
	270 mm - 10 <sup>3</sup> / <sub>4</sub> "	<b>tk 24646-27</b>

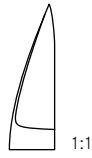
**Knochensplitterzangen**  
*Bone cutting forceps*

Pinces coupantes à os  
*Pinzas cortantes para huesos*  
Cesoie per ossa



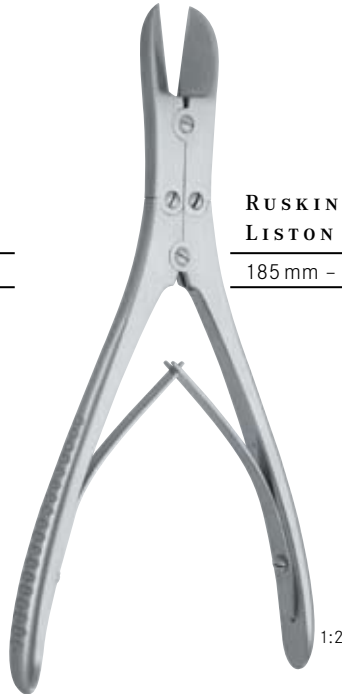
**BÖHLER**

150 mm - 6"



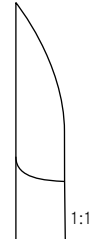
**tk 24654-15**

**tk 24655-15**



**RUSKIN-  
LISTON**

185 mm - 7 $\frac{1}{4}$ "



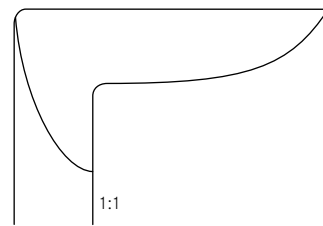
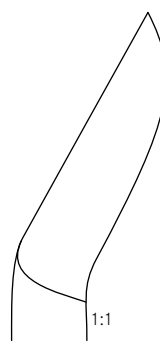
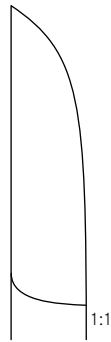
**tk 24660-18**

**tk 24661-18**



**STILLE-  
LISTON**

270 mm - 10 $\frac{3}{4}$ "



**tk 24670-27**

**tk 24671-27**

**tk 24673-27**

**Knochensplitterzangen**  
*Bone cutting forceps*

Pinces coupantes à os  
*Pinzas cortantes para huesos*  
 Cesoie per ossa



Knochenhaltezangen  
*Bone holding forceps*

Daviers porte-os  
*Pinzas para huesos*  
Tenaglie per ossa



**FERGUSSON**

210 mm - 8 1/4"

**tk 24700-21**



**VAN BUREN**

230 mm - 9"

**tk 24701-23**



**Knochenhaltezangen**  
*Bone holding forceps*

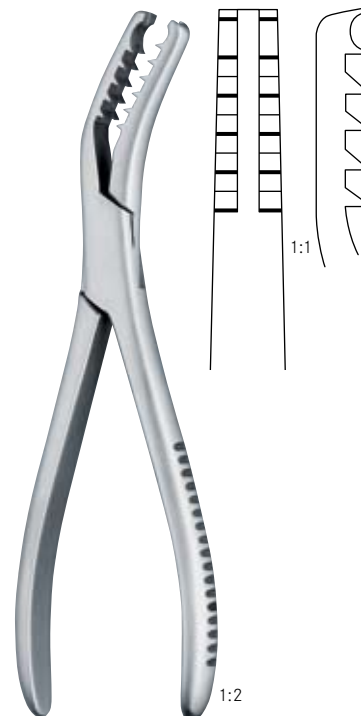
Daviers porte-os  
*Pinzas para huesos*  
Tenaglie per ossa



**LANGENBECK**

210 mm - 8 1/4"

**tk 24702-21**



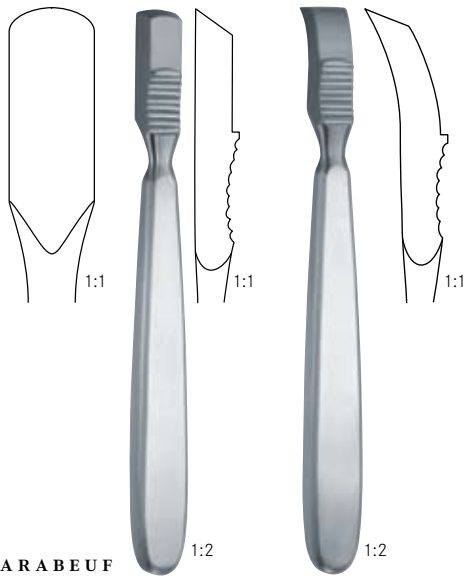
**SEMB**

190 mm - 7 1/2"

**tk 24704-19**

**Raspatorien – Elevatorien**  
*Periosteal raspatories – Elevators*

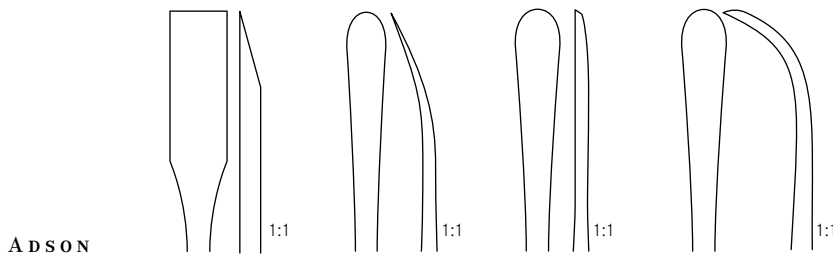
**Rugines – Elevateurs**  
*Raspatorios – Elevadores*  
Periostotomi – Elevatori



<b>FARABEUF</b>	
150 mm - 6"	<b>tk 24520-15</b> <b>tk 24521-15</b>
gerade <i>straight</i>	gebogen <i>curved</i>
droit <i>recta</i>	courbe <i>curva</i>
retto	curvo



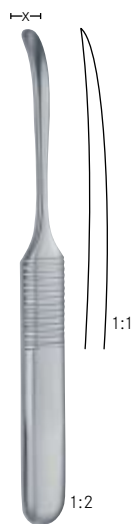
<b>LAMBOTTE</b>	
	210 mm - 8 1/4"
x = 5 mm	<b>tk 24523-05</b>
x = 10 mm	<b>tk 24523-10</b>
x = 15 mm	<b>tk 24523-15</b>
x = 20 mm	<b>tk 24523-20</b>
x = 25 mm	<b>tk 24523-25</b>



<b>ADSON</b>	Fig. 1	Fig. 2	Fig. 3	Fig. 4
170 mm - 6 3/4"	<b>tk 24535-01</b>	<b>tk 24535-02</b>	<b>tk 24535-03</b>	<b>tk 24535-04</b>

**Raspatorien – Elevatorien**  
*Periosteal raspatories – Elevators*

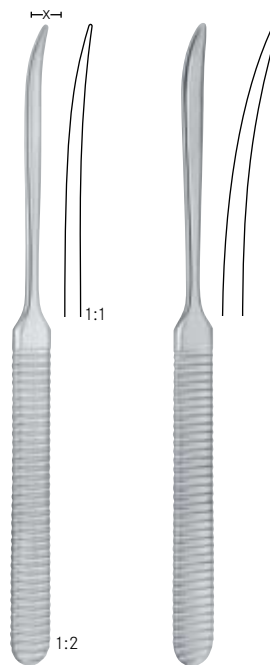
**Rugines – Elevateurs**  
*Raspatorios – Elevadores*  
 Periostotomi – Elevatori



<b>WILLIGER</b>	
	x = 5 mm
130 mm – 5"	<b>tk 24525-13</b>



<b>WILLIGER</b>	
	160 mm – 6¼"
x = 4 mm	<b>tk 24525-16</b>
x = 6 mm	<b>tk 24526-16</b>



<b>WILLIGER</b>		
	x = 5 mm	x = 6.5 mm
160 mm – 6¼"	<b>tk 24532-16</b>	<b>tk 24533-17</b>



<b>FARABEUF-COLLIN</b>	
	x = 11 mm
160 mm – 6¼"	<b>tk 24528-01</b>



	x = 11 mm
	<b>tk 24528-02</b>

Rippenscheren  
*Rib shears*

Costotomes  
*Costótomos*  
Costotomi



Rippenscheren  
*Rib shears*

Costotomes  
*Costótomos*  
Costotomi



1:3

**LEBSCHE**

245 mm - 9¾"

**tk 24680-24**



1:3

**BRUNNER**

320 mm - 12½"

**tk 24681-32**

für die rechte Hand  
*for the right hand*  
pour la main droite  
*para la mano derecha*  
per la mano destra



1:3

**SAUERBRUCH-FREY**

360 mm - 14¼"

**tk 24683-36**

für die linke Hand  
*for the left hand*  
pour la main gauche  
*para la mano izquierda*  
per la mano sinistra

Rippenscheren  
*Rib shears*

Costotomes  
*Costótomos*  
Costotomi



1:3

**SAUERBRUCH**

260 mm - 10<sup>3</sup>/<sub>4</sub>" **tk 24685-26**

für Erwachsene  
*for adults*  
pour adulte  
*para adultos*  
per adulti

240 mm - 9<sup>1</sup>/<sub>2</sub>" **tk 24685-24**

für Kinder  
*for childs*  
pour enfants  
*para hijos*  
per bambini



1:3

**GIERTZ-STILLE**

270 mm - 10<sup>3</sup>/<sub>4</sub>" **tk 24688-27**



1:3

**BETHUNE**

340 mm - 13<sup>1</sup>/<sub>2</sub>" **tk 24694-34**

Rippenscheren  
*Rib shears*

Costotomes  
*Costótomos*  
Costotomi



**VEHMEHREN**

270 mm - 10½"

**tk 24687-26**



## Rippensperrer aus Aluminium *Rib spreaders made of aluminium*

Écarteurs de côtes en aluminium  
*Separadores costales en aluminio*  
Divaricatori costali in alluminio

Rippensperrer aus Aluminium zeichnen sich besonders durch ihre hohe mechanische Festigkeit aus. Aufgrund des geringen Gewichts sind Aluminium Instrumente für den Einsatz in der Kinder- und Neugeborenen-Chirurgie besonders geeignet. In der Erwachsenen-Chirurgie kommt es durch das geringere Gewicht der Aluminium-Instrumente ebenfalls zu einer erheblichen Entlastung des Operateurs und des Personals. Bei bildgebenden Verfahren, kommt es wegen der nicht-magnetischen Eigenschaft von Aluminium zu keinerlei Störungen. Aluminium ist bedingt durchlässig für Röntgenstrahlen und somit ebenfalls für die Orthopädie und Neurochirurgie geeignet.

*Rib Spreaders made of aluminium present an outstanding mechanical resistance. Because of their low weight, aluminium instruments are perfectly suited for the children and neonatal surgery. Also in adult surgery, the low weight leads to considerable relief for the surgeon and the staff in the operation theatre. Imaging processes are also not disturbed, due to the non magnetic attribute of aluminium. As aluminium is partly translucent for X-rays, it is well suited for orthopedic and neurosurgical application.*

Ecarteurs des côtes en aluminium se distinguent pour leur haute résistance mécanique. À cause de leur petit poids, des instruments en aluminium sont très convenients pour la chirurgie pédiatrique et des nouveaux-nés. Dans la chirurgie des adultes, le petit poids est un soulagement considérable du travail des chirurgiens et du personnel dans les bloc opératoires. Grâce à sa propriété anti-magnétique, l'aluminium n'a aucune influence négative sur des processus MRI (magnetic resonance imaging systems). Donc l'aluminium est partiellement perméable pour des rayons X, des instruments en aluminium sont bien utilisables pour des applications orthopédiques et neurochirurgicales.

*Separadores costales en aluminio se distinguen especialmente por su alta resistencia mecánica. Por su poco peso, el instrumental en aluminio esta perfectamente apropiado para la cirugía de niños y neonatales. En la cirugía de adultos, el bajo peso implica también una facilitación considerable por el cirujano y el personal en el quirófano. Por su característica anti-magnética, el instrumental en aluminio no tiene ninguna influencia negativa sobre los procesos MRI (magnetic resonance imaging systems). La permeabilidad limitada del aluminio para los rayos X, permite el uso del instrumental en aluminio también para la ortopedia y neurocirugía.*

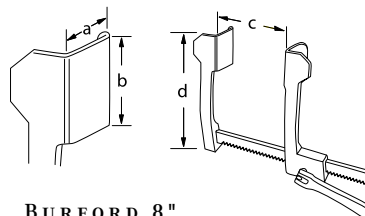
Divaricatori costali Tekno in alluminio si distinguono per l'alta resistenza meccanica. Grazie al peso ridotto gli strumenti di alluminio sono perfetti per la chirurgia pediatrica e neonatale. Anche nella chirurgia tradizionale la leggerezza garantisce considerevoli vantaggi al chirurgo ed allo staff della camera operatoria. Essendo un metallo anti-magnetico l'alluminio è utilizzabile durante esami con risonanza magnetica (MRI). Grazie alla particolare permeabilità ai raggi X, gli strumenti di alluminio sono indicati per la neurochirurgia e per la chirurgia ortopedica.





**Rippensperrer**  
**Rib retractors**

**Ecarteurs des côtes**  
**Separadores costales**  
**Divaricatori costali**



**BURFORD 8"**

	a	b	c	d
<b>tk 24806-01</b>	45 mm	62 mm	165 mm	200 mm
	65 mm	62 mm		

**für Erwachsene, mit 2 Paar auswechselbaren Valven, Aluminium**  
**for adults, with 2 pairs of interchangeable blades, aluminium**  
pour adultes, avec 2 paires de valves interchangeables, aluminium  
para adultos, con 2 pares de valvas intercambiables, aluminio  
per adulti, con 2 paia di valve intercambiabili, alluminio

**BURFORD 10"**

	a	b	c	d
<b>tk 24806-02</b>	45 mm	62 mm	250 mm	200 mm
	65 mm	62 mm		

**für Erwachsene, mit 2 Paar auswechselbaren Valven, Aluminium**  
**for adults, with 2 pairs of interchangeable blades, aluminium**  
pour adultes, avec 2 paires de valves interchangeables, aluminium  
para adultos, con 2 pares de valvas intercambiables, aluminio  
per adulti, con 2 paia di valve intercambiabili, alluminio

**BURFORD 12"**

	a	b	c	d
<b>tk 24806-03</b>	45 mm	62 mm	290 mm	200 mm
	62 mm	62 mm		

**für Erwachsene, mit 2 Paar auswechselbaren Valven, Aluminium**  
**for adults, with 2 pairs of interchangeable blades, aluminium**  
pour adultes, avec 2 paires de valves interchangeables, aluminium  
para adultos, con 2 pares de valvas intercambiables, aluminio  
per adulti, con 2 paia di valve intercambiabili, alluminio

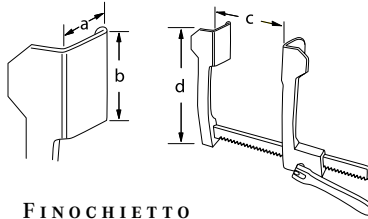
**BURFORD**

	a	b	c	d
<b>tk 24806-05</b>	30 mm	42 mm	130 mm	117 mm
	41 mm	42 mm		

**für Kinder, mit 2 Paar auswechselbaren Valven, Aluminium**  
**for children, with 2 pairs of interchangeable blades, aluminium**  
pour enfants, avec 2 paires de valves interchangeables, aluminium  
para niños, con 2 pares de valvas intercambiables, aluminio  
per bambini, con 2 paia di valve intercambiabili, alluminio

Rippensperrer  
Rib retractors

Ecarteurs des côtes  
Separadores costales  
Divaricatori costali



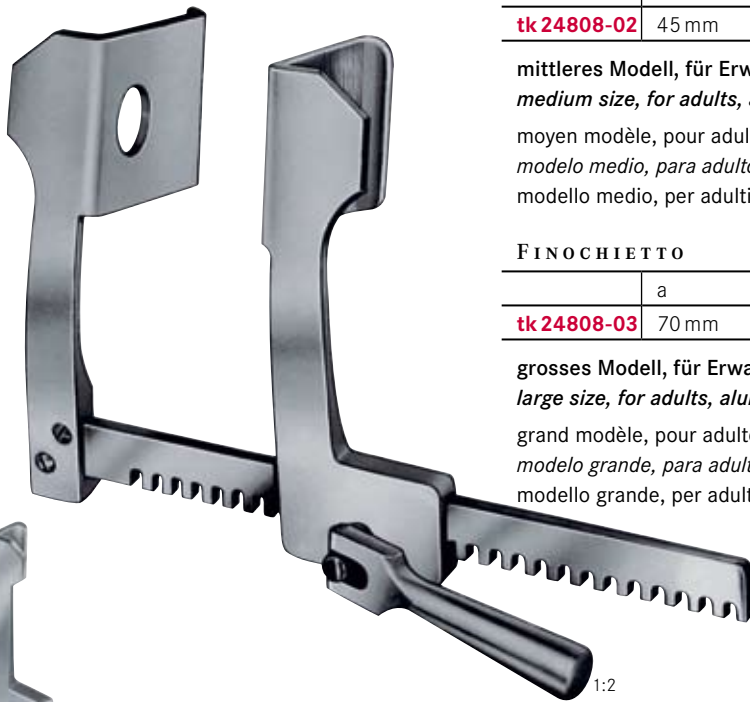
FINOCHIETTO

	a	b	c	d
<b>tk24808-01</b>	40 mm	45 mm	165 mm	110 mm

kleines Modell, auch für Kinder geeignet, Aluminium  
*small size, for children too, aluminium*

petit modèle, également pour enfants, aluminium  
*modelo pequeño, también para niños, aluminio*  
*modello piccolo, pure per bambini, alluminio*

1:2



FINOCHIETTO

	a	b	c	d
<b>tk24808-02</b>	45 mm	65 mm	200mm	140 mm

mittleres Modell, für Erwachsene, Aluminium  
*medium size, for adults, aluminium*

moyen modèle, pour adultes, aluminium  
*modelo medio, para adultos, aluminio*  
*modello medio, per adulti, alluminio*

FINOCHIETTO

	a	b	c	d
<b>tk24808-03</b>	70 mm	65 mm	250 mm	140 mm

grosses Modell, für Erwachsene, Aluminium  
*large size, for adults, aluminium*

grand modèle, pour adultes, aluminium  
*modelo grande, para adultos, aluminio*  
*modello grande, per adulti, alluminio*

1:2

FINOCHIETTO-  
BABY-HAIGHT

	a	b	c	d
<b>tk24809-01</b>	27 mm	30 mm	95 mm	80 mm

für Kinder, Aluminium  
*for children, aluminium*  
pour enfants, aluminium  
*para niños, aluminio*  
per bambini, alluminio

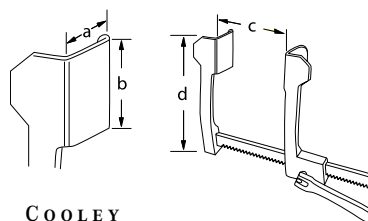
FINOCHIETTO-  
INFANT

	a	b	c	d
<b>tk24808-05</b>	12 mm	15 mm	70 mm	55 mm

für Säuglinge, Aluminium  
*for infants, aluminium*  
pour nourissons, aluminium  
*para lactantes, aluminio*  
per lattanti, alluminio

**Rippensperrer**  
**Rib retractors**

Ecarteurs des côtes  
*Separadores costales*  
Divaricatori costali



**COOLEY**

	a	b	c	d
<b>tk 24812-00</b>	35 mm	100 mm	180 mm	180 mm

für Erwachsene, Aluminium  
*for adults, aluminium*  
pour adultes, aluminium  
*para adultos, aluminio*  
per adulti, alluminio

**COOLEY**

	a	b	c	d
<b>tk 24812-01</b>	35 mm	115 mm	230 mm	205 mm

extra gross, für Erwachsene, Aluminium  
*extra large, for adults, aluminium*  
extra grand, pour adultes, aluminium  
*extra grande, para adultos, aluminio*  
extra grande, per adulti, alluminio



**COOLEY**

	a	b	c	d
<b>tk 24812-02</b>	30 mm	50 mm	185 mm	145 mm

für Erwachsene, Standardgröße, modifiziert, Aluminium  
*for adults, standard size, modified, aluminium*  
pour adultes, standard, modifié, aluminium  
*para adultos, estandard, modificado, aluminio*  
per adulti, standard, modificato, alluminio

**COOLEY**

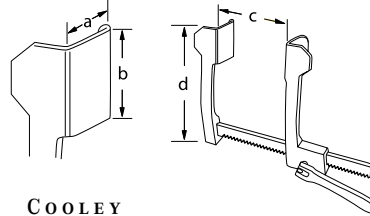
	a	b	c	d
<b>tk 24812-03</b>	20 mm	45 mm	140 mm	110 mm

für Kinder, modifiziert, Aluminium  
*for children, modified, aluminium*  
pour enfants, modifié, aluminium  
*para niños, modificado, aluminio*  
per bambini, modificato, alluminio

Rippensperrer  
Rib retractors

Ecarteurs des côtes  
Separadores costales  
Divaricatori costali

**ALUK**



**COOLEY**

	a	b	c	d
<b>tk 24812-04</b>	30 mm	35 mm	140 mm	110 mm

für Kinder, Aluminium  
*for children, aluminium*

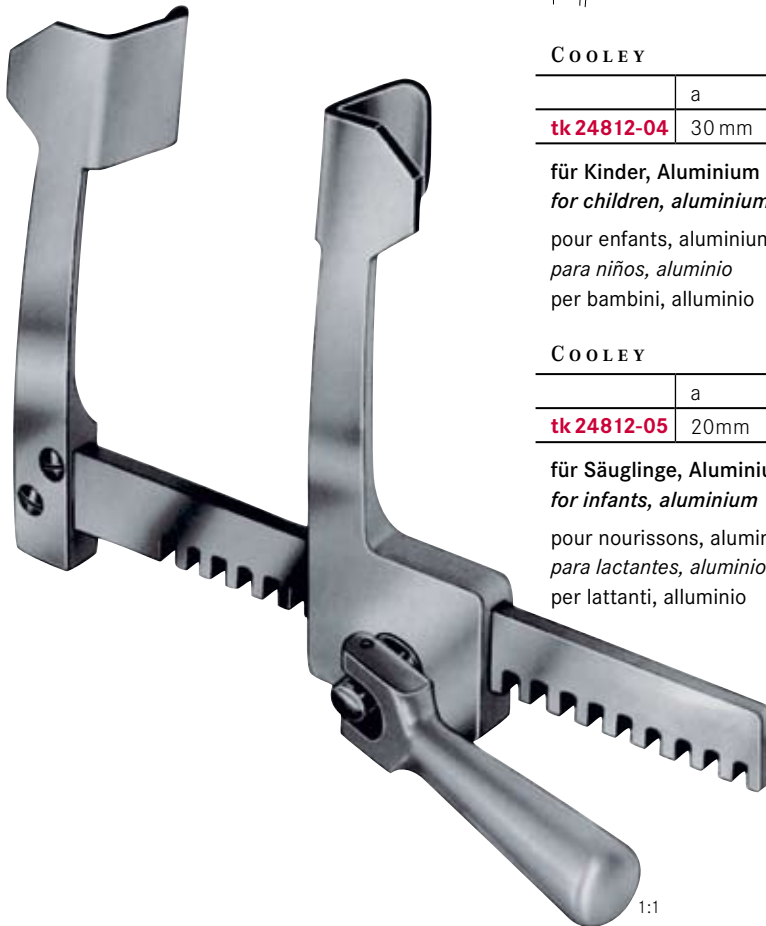
pour enfants, aluminium  
*para niños, aluminio*  
per bambini, alluminio

**COOLEY**

	a	b	c	d
<b>tk 24812-05</b>	20 mm	25 mm	100 mm	80 mm

für Säuglinge, Aluminium  
*for infants, aluminium*

pour nourissons, aluminium  
*para lactantes, aluminio*  
per lattanti, alluminio



**COOLEY**

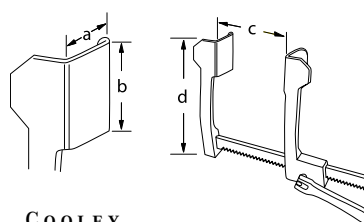
	a	b	c	d
<b>tk 24814-00</b>	12 mm	15 mm	70 mm	55 mm

für Neugeborene, Aluminium  
*for newbornes, aluminium*

pour nouveau-nés, aluminium  
*para recién nacidos, aluminio*  
per neonati, alluminio

**Rippensperrer**  
**Rib retractors**

**Ecarteurs des côtes**  
**Separadores costales**  
**Divaricatori costali**



**COOLEY**

	a	b	c	d
<b>tk 24815-00</b>	15 mm	30 mm	115 mm	80 mm

für Kinder, Sternotomiespreizer, leicht aber trotzdem kräftig, Aluminium  
*for children, sternal spreader, light-weight but sturdy, aluminium*

pour enfants, écarteur sternal, léger mais fort, aluminium  
*para niños, separador sternal, ligero y fuerte, aluminio*  
per bambini, divaricatore sternale, leggero ma forte, alluminio

**COOLEY**

	a	b	c	d
<b>tk 24815-01</b>	14 mm	16 mm	85 mm	55 mm

für Neugeborene, Aluminium  
*for newbornes, aluminium*

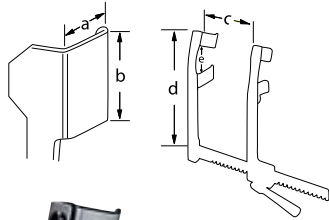
pour nouveau-nés, aluminium  
*para recién nacidos, aluminio*  
per neonati, alluminio

**COOLEY**

	a	b	c	d
<b>tk 24812-06</b>	15 mm	20 mm	100 mm	80 mm

für Säuglinge, Sternotomiespreizer mit Dornen, Aluminium  
*for infants, sternal spreader with prongs, aluminium*

pour nourissons, écarteur sternal avec poinçons, aluminium  
*para lactantes, separador sternal con espigas, aluminio*  
per lattanti, divaricatore sternale con spine, alluminio

**Rippensperrer**  
**Rib retractors**
**Ecarteurs des côtes**  
**Separadores costales**  
**Divaricatori costali**
**ALUK**

**MORSE STERNAL**

	a	b	c	d	e
<b>tk 24816-04</b>	20 mm	20 mm	155 mm	120 mm	50 mm

**mit 2 Paar beweglichen Valven, für Kinder,**
**Biegung der Spreizarme zwischen den Valven, Aluminium**
*with 2 pairs movable blades, for children, arms curved between blades, aluminium*
*avec 2 paires de valves mobiles, pour enfants, courbure entre les valves, aluminium*
*con 2 pares de valvas móviles, para niños, curvado entre las valvas, aluminio*
*con 2 paia di valve mobili, per bambini, branche curvate, alluminio*
**MORSE-FAVALORO STERNAL**

	a	b	c	d	e
<b>tk 24816-02</b>	40 mm	20 mm	155 mm	175 mm	65 mm

**mit 2 Paar beweglichen Valven, für Erwachsene,**
**Biegung der Spreizarme zwischen den Valven, Aluminium**
*with 2 pairs movable blades, for adults, arms curved between blades, aluminium*
*avec 2 paires de valves mobiles, pour adultes, courbure entre les valves, aluminium*
*con 2 pares de valvas móviles, para adultos, curvado entre las valvas, aluminio*
*con 2 paia di valve mobili, per adulti, branche curvate, alluminio*
**MORSE-FAVALORO STERNAL**

	a	b	c	d	e
<b>tk 24816-01</b>	12 mm	20 mm	155 mm	120 mm	50 mm

**mit 2 Paar beweglichen Valven, für Kinder, Biegung der Spreizarme zwischen den Valven, Aluminium**
*with 2 pairs movable blades, for children, arms curved between blades, aluminium*
*avec 2 paires de valves mobiles, pour enfants, courbure entre les valves, aluminium*
*con 2 pares de valvas móviles, para niños, curvado entre las valvas, aluminio*
*con 2 paia di valve mobili, per bambini, branche curvate, alluminio*

Rippensperrer  
Rib retractors

Ecarteurs des côtes  
Separadores costales  
Divaricatori costali



## MORSE STERNAL

	a	b	c	d	e
<b>tk 24816-00</b>	20 mm	28 mm	210 mm	155 mm	72 mm

mit 2 Paar beweglichen Valven, für Erwachsene,

Biegung der Spreizarme zwischen Zahnstange und Valven, Aluminium

*with 2 pairs movable blades, for adults, arms curved between rack and blades, aluminium*

avec 2 paires de valves mobiles, pour adultes, courbure entre la base et les valves, aluminium

*con 2 pares de valvas móviles, para adultos, curvado entre la base y las valvas, aluminio*

con 2 paia di valve mobili, per adulti, branche curvate, alluminio

## MORSE STERNAL

	a	b	c	d	e
<b>tk 24816-03</b>	20 mm	20 mm	155 mm	120 mm	50 mm

mit 2 Paar beweglichen Valven, für Kinder,

Biegung der Spreizarme zwischen Zahnstange und Valven, Aluminium

*with 2 pairs movable blades, for children, arms curved between rack and blades, aluminium*

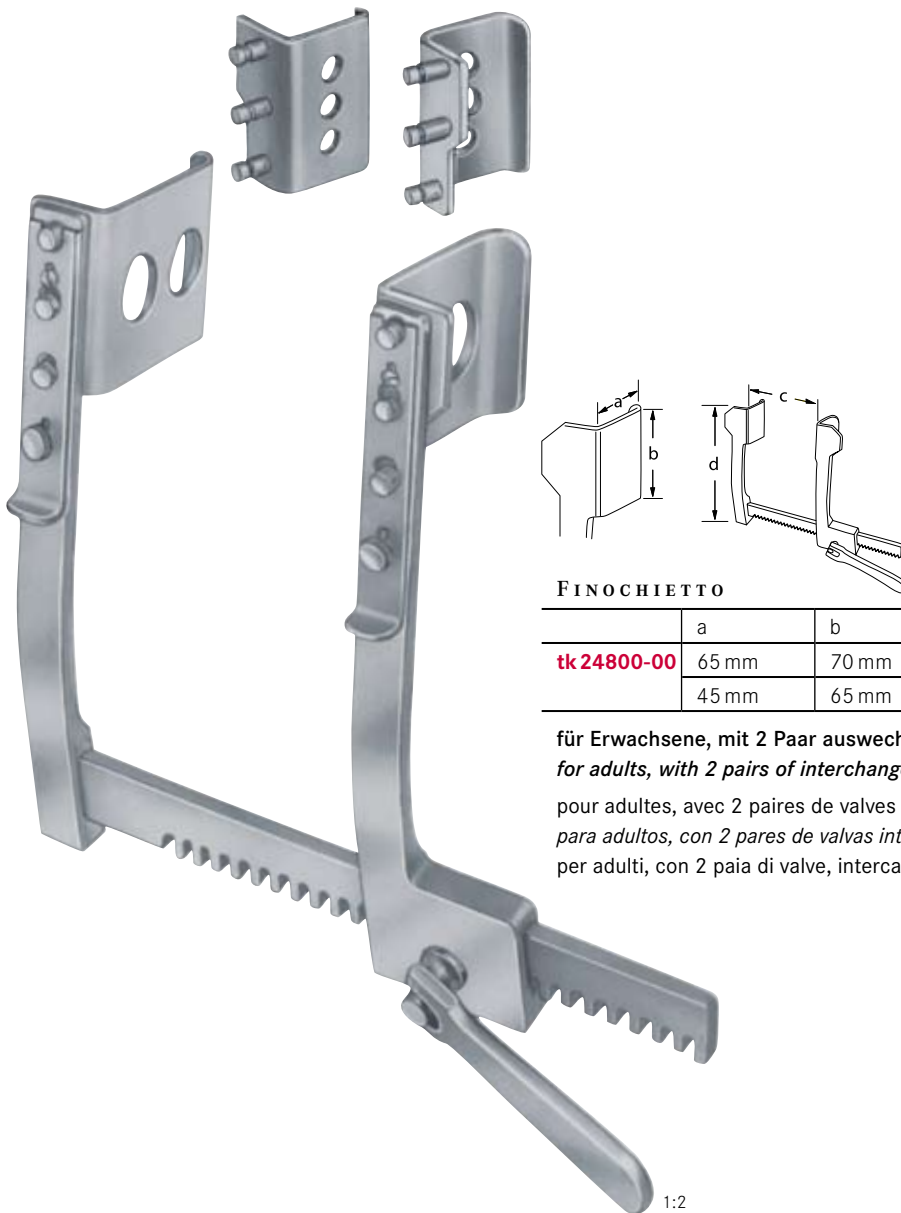
avec 2 paires de valves mobiles, pour enfants, courbure entre la base et les valves, aluminium

*con 2 pares de valvas móviles, para niños, curvado entre la base y las valvas, aluminio*

con 2 paia di valve mobili, per bambini, branche curvate, alluminio

Rippensperrer  
Rib retractors

Ecarteurs des côtes  
Separadores costales  
Divaricatori costali



FINOCHIETTO

	a	b	c	d
<b>tk 24800-00</b>	65 mm	70 mm	200 mm	140 mm
	45 mm	65 mm		

für Erwachsene, mit 2 Paar auswechselbaren Valven, rostfrei  
for adults, with 2 pairs of interchangeable blades, stainless steel  
pour adultes, avec 2 paires de valves interchangeables, inoxydable  
para adultos, con 2 pares de valvas intercambiables, inoxidable  
per adulti, con 2 paia di valve, intercambiabili, inossidabile

1:2



BABY-HAIGHT

	a	b	c	d
<b>tk 24801-01</b>	28 mm	30 mm	85 mm	70 mm
<b>tk 24801-02</b>	28 mm	30 mm	100 mm	75 mm

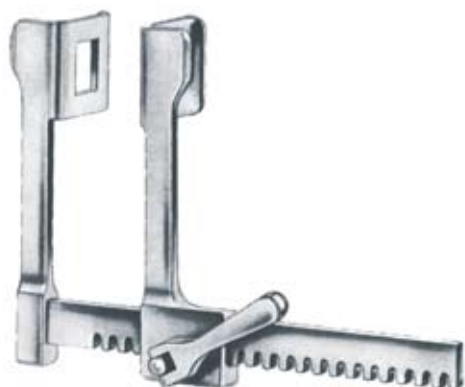
rostfrei  
stainless steel  
acier inoxydable  
acero inoxidable  
acciaio inossidabile

1:2

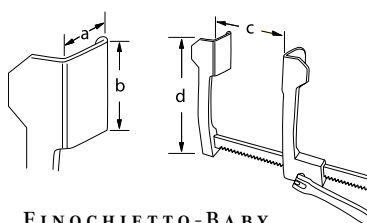


**Rippensperrer**  
**Rib retractors**

Ecarteurs des côtes  
*Separadores costales*  
Divaricatori costali



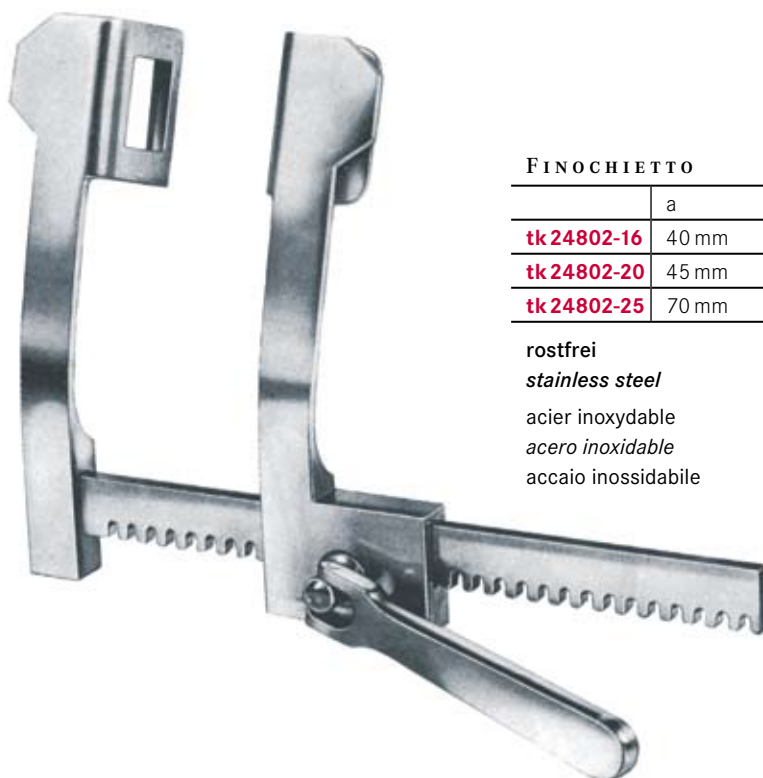
1:2



**FINOCHIETTO-BABY**

	a	b	c	d
<b>tk 24802-07</b>	14 mm	15 mm	75 mm	55 mm
<b>tk 24802-08</b>	21 mm	25 mm	75 mm	75 mm

rostfrei  
*stainless steel*  
acier inoxydable  
*acero inoxidable*  
acciaio inossidabile



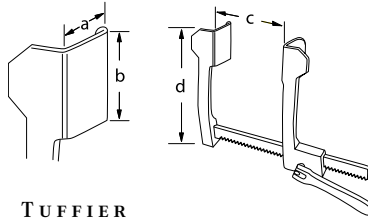
**FINOCHIETTO**

	a	b	c	d
<b>tk 24802-16</b>	40 mm	40 mm	165 mm	110 mm
<b>tk 24802-20</b>	45 mm	65 mm	200 mm	140 mm
<b>tk 24802-25</b>	70 mm	65 mm	250 mm	140 mm

rostfrei  
*stainless steel*  
acier inoxydable  
*acero inoxidable*  
acciaio inossidabile

Rippensperrer  
Rib retractors

Ecarteurs des côtes  
Separadores costales  
Divaricatori costali



TUFFIER

	a	b	c	d
<b>tk 24803-00</b>	50 mm	45 mm	165 mm	110 mm

rostfrei  
stainless steel  
acier inoxydable  
acero inoxidable  
acciaio inossidabile

1:2



FINOCHIETTO-INFANT

	a	b	c	d
<b>tk 24804-05</b>	14 mm	15 mm	55 mm	25 mm

rostfrei  
stainless steel  
acier inoxydable  
acero inoxidable  
acciaio inossidabile

1:2



DE BOER (STERNAL)

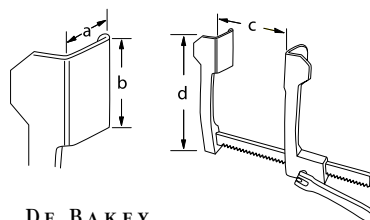
	a	b	c	d
<b>tk 24805-01</b>	30 mm	100 mm	210 mm	185 mm

rostfrei  
stainless steel  
acier inoxydable  
acero inoxidable  
acciaio inossidabile

1:2

**Rippensperrer**  
**Rib retractors**

Ecarteurs des côtes  
*Separadores costales*  
Divaricatori costali



DE BAKEY

	a	b	c	d
<b>tk 24817-01</b>	20 mm	30 mm	120 mm	130 mm
	30 mm	30 mm		

für Kinder, mit 2 Paar auswechselbaren Valven, rostfrei  
*for children, with 2 pairs of interchangeable blades, stainless steel*  
pour enfants, 2 paires de valves, interchangeables, inoxydable  
*para niños, 2 pares de valvas intercambiables, inoxidable*  
per bambini, 2 paia di valve intercambiabili, inossidabile



DE BAKEY

	a	b	c	d
<b>tk 24817-02</b>	30 mm	60 mm	200 mm	190 mm
	48 mm	60 mm		

für Erwachsene, mit 2 Paar auswechselbaren Valven, rostfrei  
*for adults, with 2 pairs of interchangeable blades, stainless steel*  
pour adultes, 2 paires de valves, interchangeables, inoxydable  
*para adultos, 2 pares de valvas intercambiables, inoxidable*  
per adulti, 2 paia di valve intercambiabili, inossidabile



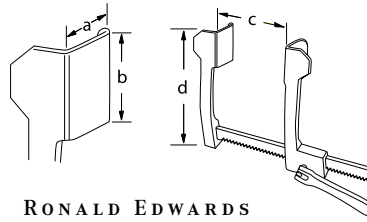
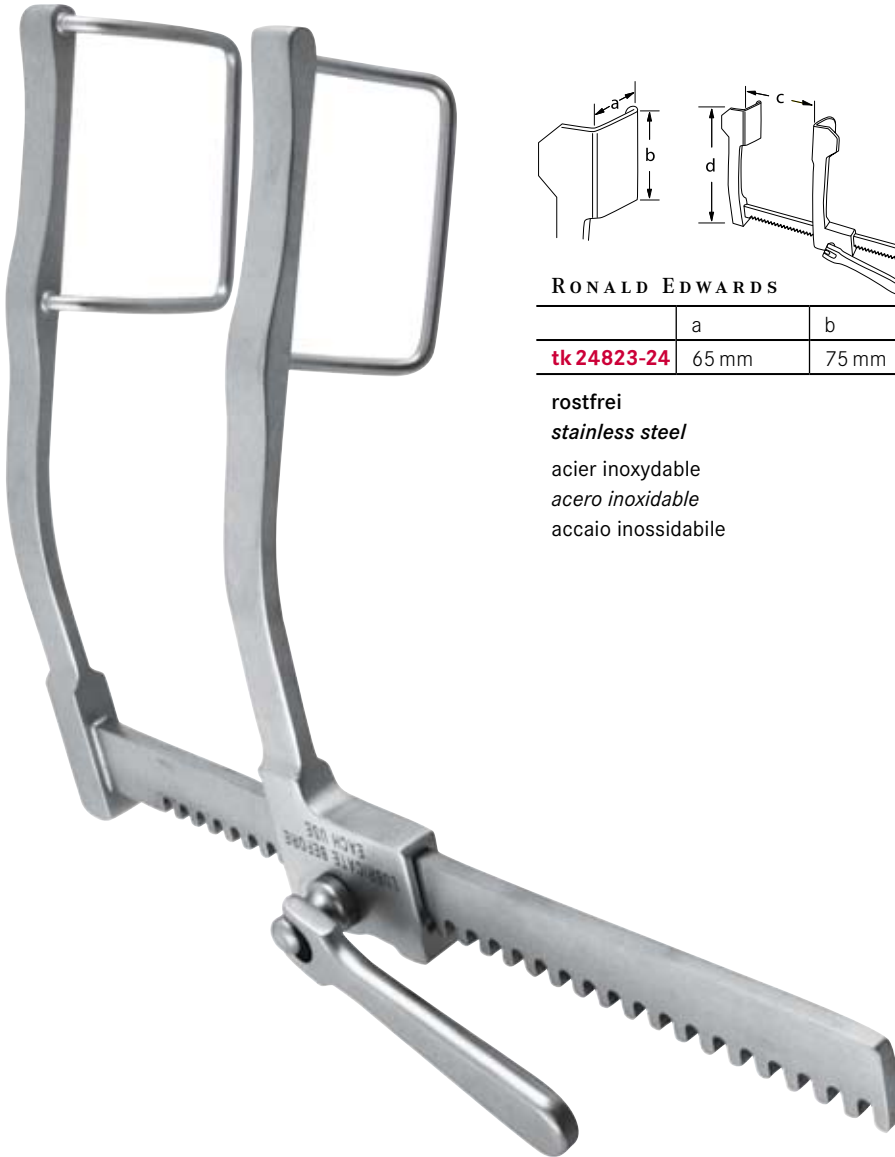
	a	b
<b>tk 24817-06</b>	30 mm	30 mm
<b>tk 24817-07</b>	30 mm	60 mm
<b>tk 24817-08</b>	48 mm	60 mm

Valven-Paar, rostfrei  
*Pair of blades, stainless steel*

Paire de valves, acier inoxydable  
*Par de valvas, acero inoxidable*  
Paia di valve, acciaio inossidabile

Rippensperrer  
*Rib retractors*

Ecarteurs des côtes  
*Separadores costales*  
Divaricatori costali

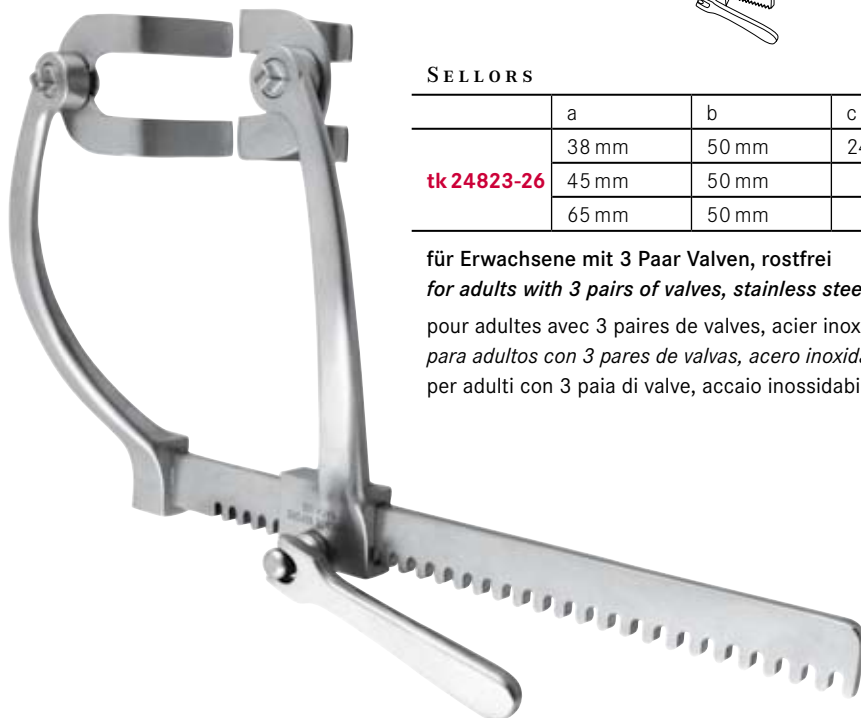
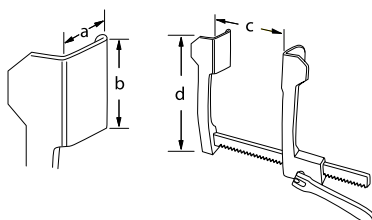


RONALD EDWARDS

	a	b	c	d
<b>tk 24823-24</b>	65 mm	75 mm	245 mm	240 mm

rostfrei  
*stainless steel*  
acier inoxydable  
*acero inoxidable*  
acciaio inossidabile

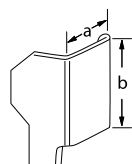
**Rippensperrer** | Ecarteurs des côtes  
**Rib retractors** | Separadores costales  
 Divaricatori costali



**SELLORS**

	a	b	c	d
	38 mm	50 mm	240 mm	240 mm
<b>tk 24823-26</b>	45 mm	50 mm		
	65 mm	50 mm		

für Erwachsene mit 3 Paar Valven, rostfrei  
 for adults with 3 pairs of valves, stainless steel  
 pour adultes avec 3 paires de valves, acier inoxydable  
 para adultos con 3 pares de valvas, acero inoxidable  
 per adulti con 3 paia di valve, acciaio inossidabile



**SELLORS**

		a	b
<b>tk 24823-27</b>	Small	38 mm	50 mm
<b>tk 24823-28</b>	Medium	45 mm	50 mm
<b>tk 24823-29</b>	Large	65 mm	50 mm

rostfrei  
 stainless steel  
 acier inoxydable  
 acero inoxidable  
 acciaio inossidabile

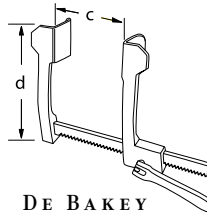


**tk 24824-10**

Schlüssel für tk 24823-26  
 Key for tk 24823-26  
 Clé pour tk 24823-26  
 Llave para tk 24823-26  
 Chiave per tk 24823-26

Rippensperrer  
Rib retractors

Ecarteurs des côtes  
Separadores costales  
Divaricatori costali

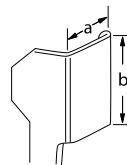


DE BAKEY

	a	b	c	d
	40 mm	100 mm	200 mm	225 mm
<b>tk 24817-10</b>	50 mm	80 mm		
	200 mm	200 mm		

für Erwachsene mit 3 Paar Valven, rostfrei  
for adults with 3 pairs of valves, stainless steel

pour adultes avec 3 paires de valves, acier inoxydable  
para adultos con 3 pares de valvas, acero inoxidable  
per adulti con 3 paia di valve, acciaio inossidabile



	a	b
<b>tk 24817-23</b>	50 mm	66 mm
<b>tk 24817-25</b>	60 mm	60 mm
<b>tk 24817-26</b>	40 mm	100 mm
<b>tk 24817-27</b>	50 mm	80 mm
<b>tk 24817-29</b>	80 mm	60 mm

1 Paar Valven  
1 Pair valves

1 Paire valves

1 Par valvas

1 Paia valvole

**Rippensperrer**  
**Rib retractors**

Ecarteurs des côtes  
*Separadores costales*  
Divaricatori costali



**tk 24828-00**

**T-Haltearm für zwei Atrial Retraktoren**  
**T-bar for two atrial retractors**

Fixateur en T pour deux retracteurs atriaux  
*Fijador en T para dos retractores atriales*  
Fissatore a T per due retrattori atriali



**tk 24828-01**

**Atrial Retraktor, klein**  
**Atrial retractor, small**

Retracteur atrial, petit  
*Retractor atrial, pequeño*  
Retrattore atriale piccolo



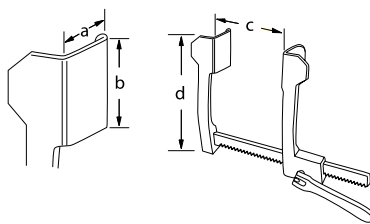
**tk 24828-02**

**Atrial Retraktor, groß**  
**Atrial retractor, big**

Retracteur atrial, grand  
*Retractor atrial, grande*  
Retrattore atriale grande

Rippensperrer  
Rib retractors

Ecarteurs des côtes  
Separadores costales  
Divaricatori costali



MERCEDES THORAXSPERRER

	a	b	c	d
<b>tk 24819-00</b>	45 mm	68 mm	285 mm	185 mm
	70 mm	75 mm		

für Erwachsene, mit 2 Paar auswechselbaren Valven mit Kugelschnellverschluss, rostfrei  
for adults, with 2 pairs of interchangeable blades with ball snap system, stainless steel  
pour adultes, avec 2 paires de valves interchangeables fermeture à boules, inoxydable  
para adultos, con 2 pares de valvas intercambiables fijación con bolas, inoxidable  
per adulti, con 2 paia di valve intercambiabili, inossidabile

	a	b
<b>tk 24819-01</b>	45 mm	68 mm
<b>tk 24819-02</b>	70 mm	75 mm

Valven-Paar, rostfrei

Pair of blades, stainless steel

Paire de valves, acier inoxydable

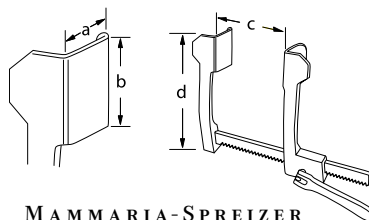
Par de valvas, acero inoxidable

Paia di valve, acciaio inossidabile



**I.M.A. Thoraxsperrer**  
*Thoracic and I.M.A. retractor*

Ecarteur thoracique et I.M.A.  
*Separador torácico e I.M.A.*  
Divaricatore per il torace ed I.M.A.



**MAMMARIA-SPREIZER**

	a	b	c	d
<b>tk 24821-00</b>	55 mm	100 mm	170 mm	130 mm

mit abnehmbarer Kippvalve und Stellschraube zum Anheben der Brustwand bei der Mammaria-Dissektion, rostfrei

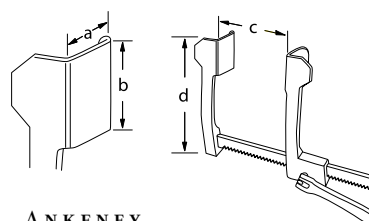
*with detachable tilting IMA-blade and set-screw to lift the sternal margin for the dissection of the IMA, stainless steel*

avec valve mobile, démontable, écrou pour soulever le thorax pendant des dissections IMA, inoxydable

*con valva móvil y desmontable, rosca para levantar el tórax durante la dissection IMA, inoxidable*

con valve smontabili e vite di fissaggio per alzare lo sterno per dissezione IMA, inossidabile

1:2



**ANKENEY**

	a	b	c	d
<b>tk 24829-30</b>	33 mm	35 mm	180 mm	300 mm

Valven abnehmbar mit Fadenfänger, rostfrei

*Detachable blades with suture catcher, stainless steel*

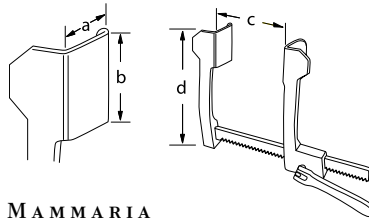
Valves démontables avec porte-fils, inoxydable

*Valvas desmontables con captador de hilos, inoxidable*

Valve smontabili con porta legature, inossidabile

Rippensperrer  
Rib retractors

Ecarteurs des côtes  
Separadores costales  
Divaricatori costali

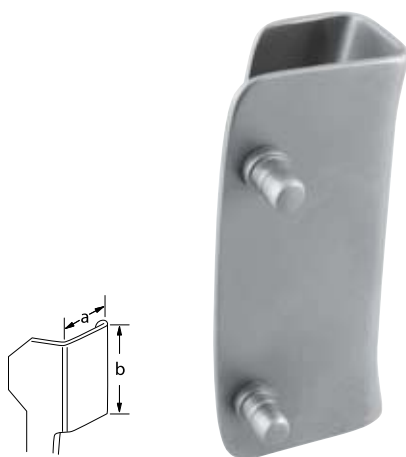


MAMMARIA

	a	b	c	d
<b>tk 24823-00</b>	30 mm	120 mm	215 mm	140 mm
	30 mm	50 mm		

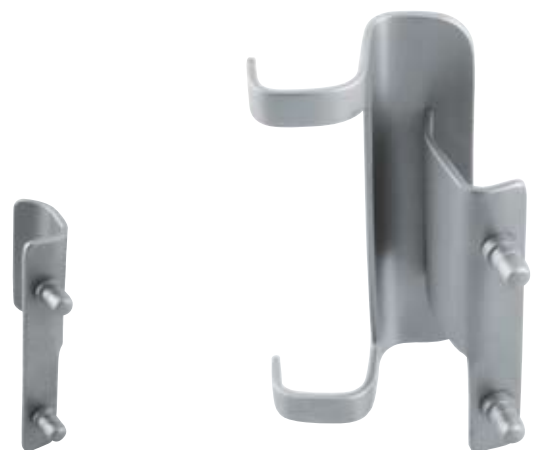
**Mammaria Sperrer, komplett mit 2 Valven, rostfrei**  
*Mammaria retractor, complete with 2 pairs of valves, stainless steel*

Ecarteurs à mammaria, complet avec 2 paires de valves, inoxydable  
*Seperadores mammaria, completo con 2 pares de valvas, inoxidable*  
Divaricatori per mammaria, completo con 2 paia di valve, inossidabile



	a	b
<b>tk 24823-02</b>	30 mm	100 mm
<b>tk 24823-03</b>	40 mm	100 mm

**Sternumvalve**  
*Sternum blades*  
Valve pour le sternum  
*Valva sternal*  
Valva sternale



<b>tk 24823-01</b>	a = 30 mm	a = 30 mm
	b = 50 mm	b = 120 mm

**Mammariavalle, komplett mit Aufnahmeblatt links und rechts**  
*Mammaria blade, complete with holding blades left and right*

Valve mammaria complete avec valves droite et gauche  
*Valva mamaria completa con valvas izquierda y derecha*  
Valva completa per mammaria con valve sinistra e destra

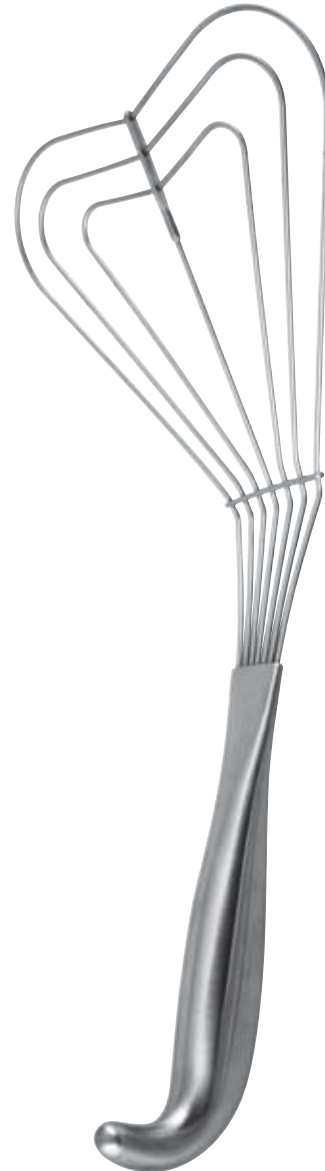
**Lungenspatel**  
*Lung spatula*

Spatules pulmonaires  
*Espátulas pulmonares*  
Spatole polmonare



**ALLISON**

300 mm - 12"	<b>tk 24825-30</b>
320 mm - 12½"	<b>tk 24825-32</b>



**ALLISON**

260 mm - 10¼"	<b>tk 24825-26</b>
310 mm - 12¼"	<b>tk 24825-31</b>

**Rippenkontraktoren**  
*Rib contractors*

Rapprocheurs des côtes  
*Aproximadores para costillas*  
Approssimatori costali



**BAILEY-BABY** 1:2  
140 mm - 5½" **tk24831-14**



**BAILEY** 1:2  
160 mm - 6¼" **tk 24830-16**



**BAILEY-GIBBON** 1:2  
160 mm - 6¼" **tk24833-16**



**LEMMON**  
145 mm - 5¾" **tk24835-14**  
180 mm - 7" **tk24835-18**



**SELLORS** 1:2  
190 mm - 7½" **tk 24837-19**



**CRAFOORD** 1:2  
260 mm - 10¼" **tk24829-26**

**Draht-Instrumentarium**  
*Wire instruments*

Instruments pour cerclage  
*Instrumental para cerclaje*  
Strumenti per filo di cerchiaggio



<b>DEMEL</b>	1:2
	280 mm - 11"
x = 32 mm	<b>tk 38517-01</b>
x = 45 mm	<b>tk 38517-02</b>
x = 62 mm	<b>tk 38517-03</b>



<b>DEMEL</b>	1:2
	280 mm - 11"
	<b>tk 38518-28</b>

Draht-Instrumentarium  
Wire instruments

Instruments pour cerclage  
Instrumental para cerclaje  
Strumenti per filo di cerchiaggio



LOUTE

210 mm - 8 1/4"

tk 38520-21

1:2



130 mm - 5"

tk 38532-13

1:2



0.2 mm Ø	tk 38550-02
0.3 mm Ø	tk 38550-03
0.4 mm Ø	tk 38550-04
0.5 mm Ø	tk 38550-05
0.6 mm Ø	tk 38550-06
0.7 mm Ø	tk 38550-07
0.8 mm Ø	tk 38550-08
0.9 mm Ø	tk 38550-09
1.0 mm Ø	tk 38550-10
1.2 mm Ø	tk 38550-12
1.5 mm Ø	tk 38550-15

Knochendraht, weich, in Ringen à 10 m

Bone wire, soft, in coils of 10 m

Fil de cerclage, souple, de 10 m

Alambre de cerclaje, blando, de 10 m

Filo per ossa, morbida, anelli da 10 m



0.8 mm Ø x 280 mm	tk 38552-08
1.0 mm Ø x 280 mm	tk 38552-10
1.2 mm Ø x 280 mm	tk 38552-12
1.0 mm Ø x 600 mm	tk 38553-10
1.2 mm Ø x 600 mm	tk 38553-12

Knochendraht mit Auge, weich, Packung à 10 Stück

Bone wire with eye, soft, package of 10 pieces

Fil de cerclage, souple, paquet de 10 pièces

Alambre de cerclaje, blando, paquete de 10 piezas

Filo per ossa con ansa, morbida, pacchetto di 10 pezzi

**Drahtschneidezangen**  
**Wire cutting forceps**

Pinces coupantes  
Alicates para cortar alambre  
Pinze taglia filo



220 mm - 8 3/4" **tk38561-22 tucar**

für harte Drähte bis 2.2 mm Ø, für weiche Drähte bis 3 mm Ø  
for hard wires up to 2.2 mm Ø, for soft wires up to 3 mm Ø  
pour fils durs à diam. 2.2 mm Ø, pour fils souples à 3 mm Ø  
para alambres duros hasta 2.2 mm Ø, y alambres blandos de 3 mm Ø  
per fili duri fina 2.2 mm Ø, per fili morbidi fino a 3 mm Ø



220 mm - 8 3/4" **tk38554-22 tucar**

für harte Drähte bis 2.2 mm Ø, für weiche Drähte bis 2.8 mm Ø  
for hard wires up to 2.2 mm Ø, for soft wires up to 2.8 mm Ø  
pour fils durs à 2.2 mm Ø, pour fils souples à 2.8 mm Ø  
para alambres duros hasta 2.2 mm Ø, y alambres blandos de 2.8 mm Ø  
per fili duri fina 2.2 mm Ø, per fili morbidi fino a 2.8 mm Ø



230 mm - 9" **tk38554-23 tucar**

für harte Drähte bis 2.2 mm Ø, für weiche Drähte bis 3 mm Ø  
for hard wires up to 2.2 mm Ø, for soft wires up to 3 mm Ø  
pour fils durs à 2.2 mm Ø, pour fils souples à 3 mm Ø  
para alambres duros hasta 2.2 mm Ø, y alambres blandos de 3 mm Ø  
per fili duri fina 2.2 mm Ø, per fili morbidi fino a 3 mm Ø

Drahtschneidezangen  
Wire cutting forceps

Pinces coupantes  
Alicates para cortar alambre  
Pinze taglia filo

TUCARTK



180 mm - 7"

tk38555-18 tucart

für harte Drähte bis 1.5 mm Ø, für weiche Drähte bis 2 mm Ø  
for hard wires up to 1.5 mm Ø, for soft wires up to 2 mm Ø  
pour fils durs à 1.5 mm Ø, pour fils souples à 2 mm Ø  
para alambres duros hasta 1.5 mm Ø, y alambres blandos de 2 mm Ø  
per fili duri fina 1.5 mm Ø, per fili duri morbidi fino a 2 mm Ø



180 mm - 7"

tk38557-18 tucart

für harte Drähte bis 1.7 mm Ø, für weiche Drähte bis 2 mm Ø  
for hard wires up to 1.7 mm Ø, for soft wires up to 2 mm Ø  
pour fils durs à 1.7 mm Ø, pour fils souples à 2 mm Ø  
para alambres duros hasta 1.7 mm Ø, y alambres blandos de 2 mm Ø  
per fili fina 1.7 mm Ø, per fili morbidi fino a 2 mm Ø



150 mm - 6"

tk38556-15 tucart

für harte Drähte bis 1 mm Ø, für weiche Drähte bis 1.5 mm Ø  
for hard wires up to 1 mm Ø, for soft wires up to 1.5 mm Ø  
pour fils durs à 1 mm Ø, pour fils souples à 1.5 mm Ø  
para alambres duros hasta 1 mm Ø, y alambres blandos de 1.5 mm Ø  
per fili duri fina 1 mm Ø, per fili morbidi fino a 1.5 mm Ø



145 mm - 5<sup>3</sup>/<sub>4</sub>"

tk38561-14 tucart

für harte Drähte bis 1 mm Ø  
for hard wires up to 1 mm Ø  
pour fils durs à 1 mm Ø  
para alambres duros hasta 1 mm Ø  
per fili duri fino a 1 mm Ø



Technische Zangen | Pincés técnicas  
 Technical forceps | Pinzas técnicas  
 Pinze tecniche



130 mm - 5"	<b>tk 38562-13</b>
180 mm - 7"	<b>tk 38562-18</b>



140 mm - 5½"	<b>tk 38563-14</b>
170 mm - 6¾"	<b>tk 38563-17</b>



	180 mm - 7"	180 mm - 7"
x = 5 mm	<b>tk 38564-05</b>	<b>tk 38571-05 tucar</b>
x = 7 mm	<b>tk 38564-07</b>	<b>tk 38571-07 tucar</b>



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