

NJ ENTERPRISES

Manufacturer & Exporters of Dental, Surgical Instruments

Quality & Affordability

SURGICAL INSTRUMENTS CATALOGUE







» Skalpelle und Messer

» Scalpels, Knives

» Bistouris, Couteaux

» Bisturíes, Cuchillos

» Bisturi, Coltelli

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Operations-Skalpelle
Operating knives
Bistouris pour opérations
Bisturíes para operaciones
Bisturi per operazioni



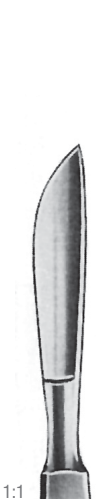




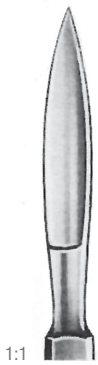




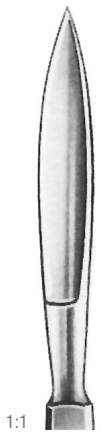


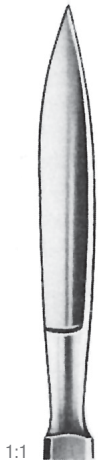
Fig. 1	Fig. 2	Fig. 3	Fig. 4	Fig. 5
01-101-001	01-101-002	01-101-003	01-101-004	01-101-005

DIEFFENBACH









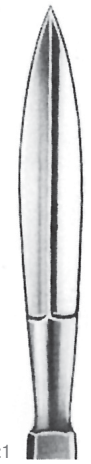




	Fig. 6	Fig. 7	Fig. 8	Fig. 9	Fig. 15	Fig. 16
160 mm – 6 ¼ "	01-101-006	01-101-007	01-101-008	01-101-009	01-101-015	01-101-016

Operations-Skalpelle
Operating knives
Bistouris pour opérations
Bisturíes para operaciones
Bisturi per operazioni





Fig. 1	Fig. 2	Fig. 3	Fig. 4	Fig. 5
01-102-001	01-102-002	01-102-003	01-102-004	01-102-005

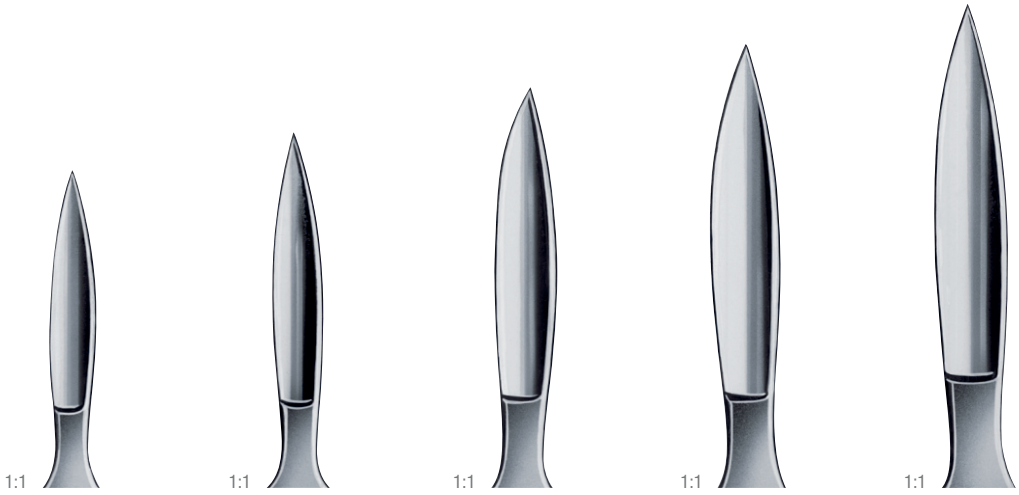


Fig. 6	Fig. 7	Fig. 8	Fig. 9	Fig. 10
01-102-006	01-102-007	01-102-008	01-102-009	01-102-010

Skalpellgriffe
Scalpel handles

Manches pour bistouri
Mangos de bisturí
Manici per bisturi

TC

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. 7K	Fig. 7
01-103-071	01-103-101



Fig. 3 R	Fig. 3 RG
01-103-150	01-104-150



Fig. 3	Fig. 3	Fig. 3 L
01-103-030	01-103-030x	01-103-031

graduiert
graduated
gradué
graduado
graduato

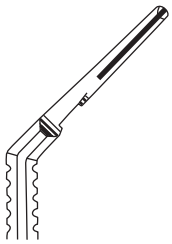


Fig. 3 L
01-103-033

abgewinkelt
angled on flat
coudé sur le plat
angulado
angolato



Skalpellgriffe
Scalpel handles

Manches pour bistouri
Mangos de bisturí
Manici per bisturi

TC

Für Klingen Fig. 18 – 25
For blades Fig. 18 – 25
Pour lames Fig. 18 – 25
Para hojas Fig. 18 – 25
Per lame Fig. 18 – 25

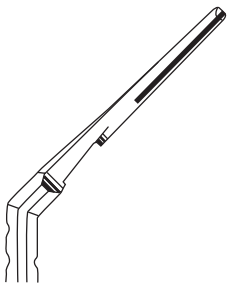




Fig. 4 L
01-105-044

abgewinkelt
angled on flat
coudé sur le plat
angulado
golato

1:1



COLLIN 1:1

Fig. 8 L
01-104-000

hohl
hollow
creux
hueco
cavo



STANDARD 1:1

Fig. 4	Fig. 4	Fig. 4 L
01-105-040	01-105-040x	01-105-041

graduiert
graduated
gradué
graduado
graduato

Skalpellklingen
Scalpel blades

Lames de bistouris
Hojas de bisturí
Lame per bisturi

TC

Die abgebildeten Klingen sind steril
The blades on this page are sterile
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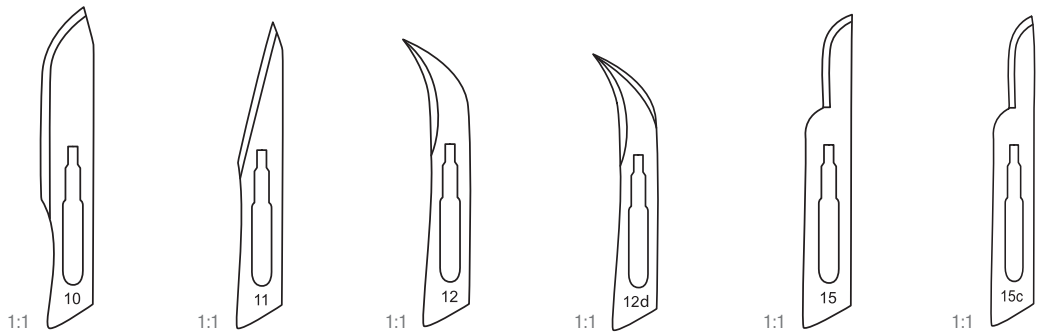


Fig. 10	Fig. 11	Fig. 12	Fig. 12d	Fig. 15	Fig. 15c
01-106-010	01-106-011	01-106-012	01-108-020	01-106-015	01-111-010

doppelschneidend
double cutting edge
double tranchante
corta doble
a doppio taglio

passend für Griffe: 01-103-030, 01-103-030x, 01-103-031, 01-103-033 01-103-101, 01-103-071, 01-103-150, 01-104-150
for handles: 01-103-030, 01-103-030x, 01-103-031, 01-103-033 01-103-101, 01-103-071, 01-103-150, 01-104-150
pour manches: 01-103-030, 01-103-030x, 01-103-031, 01-103-033 01-103-101, 01-103-071, 01-103-150, 01-104-150
para mangos: 01-103-030, 01-103-030x, 01-103-031, 01-103-033 01-103-101, 01-103-071, 01-103-150, 01-104-150
per manici: 01-103-030, 01-103-030x, 01-103-031, 01-103-033 01-103-101, 01-103-071, 01-103-150, 01-104-150

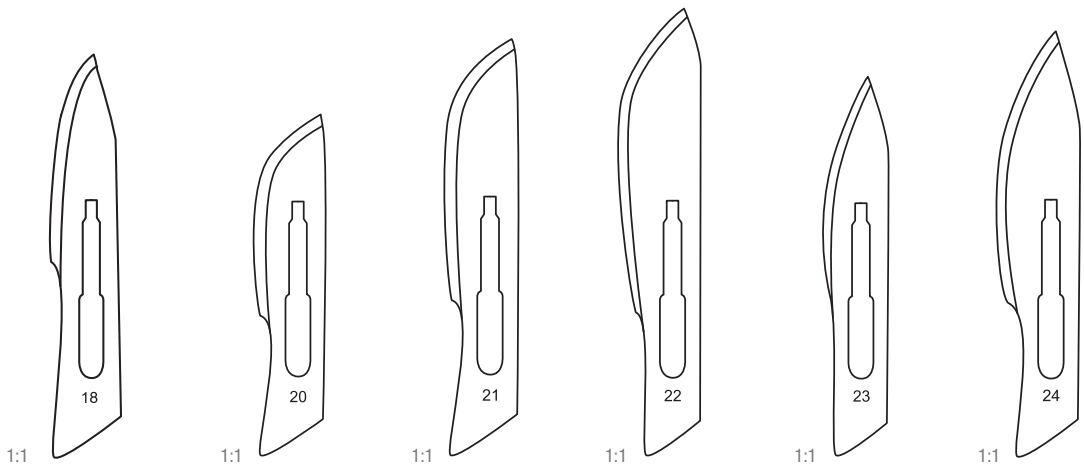


Fig. 18	Fig. 20	Fig. 21	Fig. 22	Fig. 23	Fig. 24
01-106-018	01-106-020	01-106-021	01-106-022	01-106-023	01-106-024

passend für Griffe: 01-105-040, 01-105-040x, 01-105-041, 01-105-044, 01-104-000
for handles: 01-105-040, 01-105-040x, 01-105-041, 01-105-044, 01-104-000
pour manches: 01-105-040, 01-105-040x, 01-105-041, 01-105-044, 01-104-000
para mangos: 01-105-040, 01-105-040x, 01-105-041, 01-105-044, 01-104-000
per manici: 01-105-040, 01-105-040x, 01-105-041, 01-105-044, 01-104-000

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

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

TC

Die abgebildeten Klingen sind steril
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Les lames de cette page sont stériles
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Le lame illustrate sono sterili


1:1

TITAN	¼"
135 mm – 5	135 mm – 5 ¼ "
01-107-000	01-107-002

rostfrei
stainless steel
acier inoxydable
acero inoxidable
accaio inossidabile


1:1


1:1


1:1


1:1

Fig. 3	Fig. 4	Fig. 7	Fig. 9
01-107-003	01-107-004	01-107-007	01-107-009

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

rasierklingenhalter und -brecher
Razor blade holders and breakers

Porte lames et brise lames de rasoir
Pinzas para sujetar y romper hojas de afeitar
Rompi-lame di rasoio



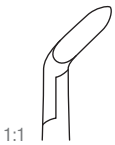
CASTROVIEJO

130 mm – 5 "	Ø 8 mm	01-110-130
130 mm – 5 "	Ø 10 mm	01-110-130

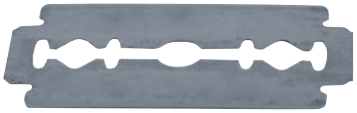


TROUTMAN-CHRIS





90 mm – 3 ½ "	01-108-090	01-109-090



01-111-010

Packung mit 10 Stück
Package of 10 pieces
Paquet de 10 pièces
Paquete de 10 piezas
Confezione da 10 pezzi

TC

Die abgebildeten Klingen werden nicht steril ausgeliefert.
The blades on this page are not sterile.
Les lames de cette page ne sont pas stériles.
Las hojas de esta página no son estériles.
Le lame illustrate non sono sterili.

Rasierklingen, brechbar, rostfrei
Razor blades, breakable, stainless
Lames de rasoir, réfrangibles, inoxdable
Hojas de afeitar, rompible, inoxidable
Lame di rasoio, rompibili, inossidabile

Seziermesser
Autopsy knives
Couteaux à dissection
Cuchillos para autopsia
Coltelli per autopsia



WALB

260 mm – 10 ¼ "	x = 110 mm – 4 ¼ "	01-112-110
290 mm – 11 ½ "	x = 140 mm – 5 ½ "	01-112-140
310 mm – 121 ¼ "	x = 170 mm – 6 ¾ "	01-112-170

Organmesser mit Holzheft
Post mortem knives with wooden handle
Couteaux à organes avec manche en bois
Cuchillos para órganos, con mango de madera
Coltelli per organi, con manico di legno





VIRCHOW

	x = 120 mm – 4 "	x = 80 mm – 3 ½ "
255 mm – 10 "	01-113-120	01-114-080

Seziermesser mit Holzheft
Autopsy knives with wooden handle
Couteaux à autopsie avec manche en bois
Cuchillos para autopsia con mango de madera
Coltelli per autopsia con manico di legno



VIRCHOW

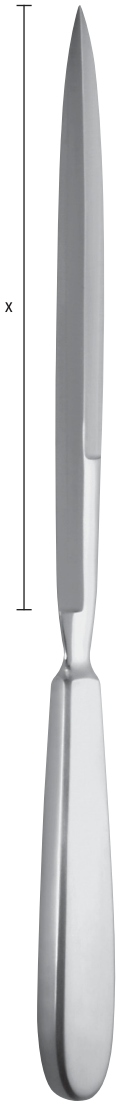
260 mm – 10 ¼ "	x = 160 mm – 6 ¼ "	01-115-160
335 mm – 13 ¼ "	x = 200 mm – 8 "	01-115-200
380 mm – 15 "	x = 240 mm – 9 ½ "	01-115-240
460 mm – 18 "	x = 320 mm – 12 ½ "	01-115-320
560 mm – 22 "	x = 420 mm – 16 ½ "	01-115-420

Hirnmesser mit Metallheft
Brain knives with metal handle
Couteaux pour le cerveau, avec manche en métal
Cuchillos para el cerebro, con mango metálico
Coltelli per cervello, con manico di metallo

Amputationsmesser – Resektionsmesser
Amputation knives – Resection knives
Couteaux à amputation – Couteaux à résection
Cuchillos para amputación – Cuchillos para resección
Coltelli per amputazione – Coltelli per resezione



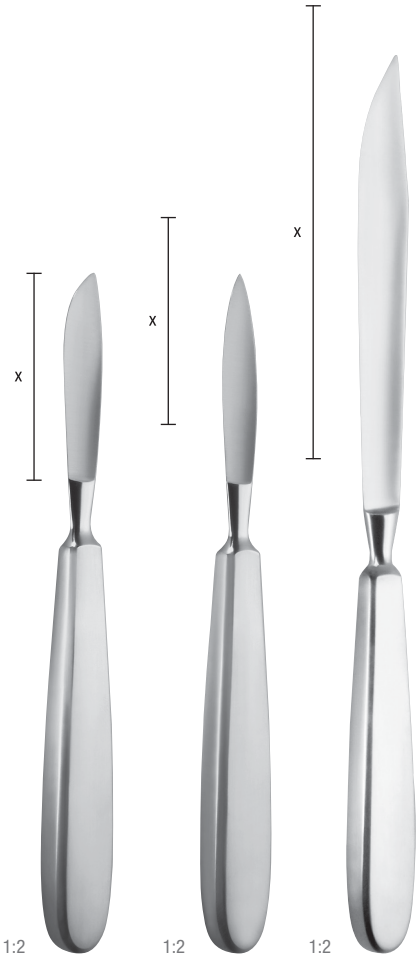
x = 130 mm	01-116-130
x = 160 mm	01-116-160
x = 190 mm	01-116-190
x = 220 mm	01-116-220



CATLIN

x = 160 mm	01-117-160
x = 190 mm	01-117-190
x = 220 mm	01-117-220

doppelschneidend
double cutting edge
double tranchant
corte doble filo
a doppio taglio



LANGENBECK

x = 55 mm	x = 55 mm	x = 120 mm
01-118-055	01-119-055	01-120-120

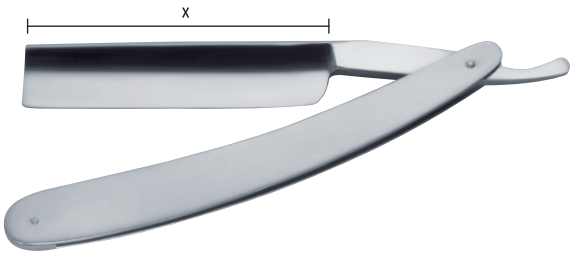
haarschneidemaschine
Hair clipper

Tondeuse électrique
Máquina de cortar el pelo
Rasoi elettrici

230 v / 50 – 60 hz

1:2

	01-121-001	01-121-002	01-121-003
	Schneideaufsatz, Normalzahn Normal cutter Couteau standard Cuchillo normal Testa di taglio dentatura standard	Ladeständer Charger Chargeur Cargador Caricatore	Steckertrafo EURO mit 3 m Kabel Transformer EURO with 3 m cable Transformateur EURO avec 3 m cable Transformador EURO con 3 m cable Trasformatore EURO con cavo di 3 m



1:2

x = 80 mm	01-122-000

Rasiermesser
Razor knife
Rasoir
Navaja de afeitar
Rasoio a mano libera

Dermatome – t
Dermatomes – Transplantation knives

Dermatomes – Bistouries pour transplantes
Dermátomos – Cuchillos para transplantaciones
Dermatomi – Coltello per trapianto



THIERSCH 1:2

200 mm – 8 "	01-123-000



SCHINK 1:2

300 mm – 12 "	01-124-000

Komplett mit 1 Klinge und 2 Spannhaltern
Complete with 1 blade and 2 plates
Complèt avec 1 lame et 2 plaques
Completo con 1 hoja y 2 placas
Completo con 1 lama e 2 placche



1:2

01-124-010

Klinge
Spare blade
Lame de rechange
Hoja de cambio
Lama di ricambio



1:2

01-124-020

Spannplatte
Skin fixing plate
Plaque pour tendre la peau
Placa para extender la piel
Placca per stendere la pelle

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Le lame illustrate non sono sterili.

TC Elektrische Dermatome auf Anfrage lieferbar.
Electrical dermatomes upon request.
Dermatomes électriques sur demande.
Dermátomos eléctricos según demanda.
Dermatomi elettrici possono essero forniti a richiesta.

Dermatome
Dermatomes

Dermatomes
Dermátomos
Dermatomi



1:2



1:2

01-125-010

Ersatzklinge für 01-125-100, 01-126-000
spare blade for 01-125-100, 01-126-000
lame de rechange pour 01-125-100, 01-126-000
hoja de cambio para 01-125-100, 01-126-000
lama di ricambio par 01-125-100, 01-126-000

HUMBY

310 m – 12 ¼ "
01-125-100

komplett mit 1 Klinge
complete with 1 blade
complet avec 1 lame
completo con 1 hoja
completo con 1 lama



WATSON 1:2

300 mm – 12 "
01-126-000

komplett mit 1 Klinge, Stange starr
complete with 1 blade, fixed bar
complet avec 1 lame, tige fix
completo con 1 hoja, barra fijada
completo con 1 lama, barra fissa



SILVER 1:2

190 mm – 7 ½ "
01-127-190

TC

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TC

Elektrische Dermatome auf Anfrage lieferbar.
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Dermátomos eléctricos según demanda.
Dermatomi elettrici possono essero forniti a richiesta.

» Scheren

» Scissors

» Ciseaux

» Tijeras

» Forbici

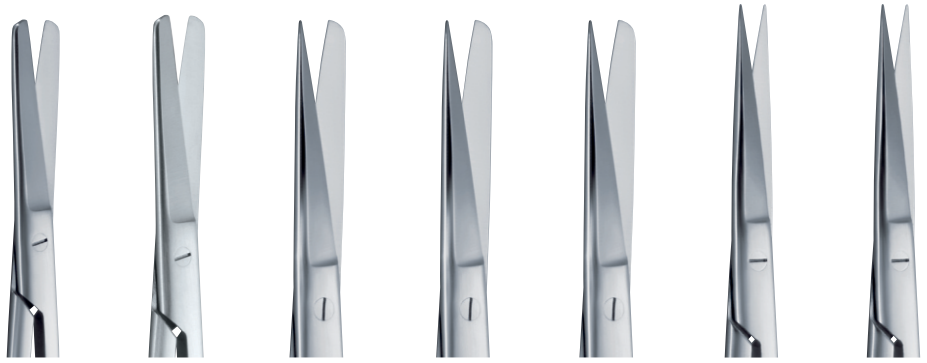
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Chirurgische Scheren
Operating scissors
Ciseaux à chirurgie
Tijeras para cirugía
Forbici per chirurgia

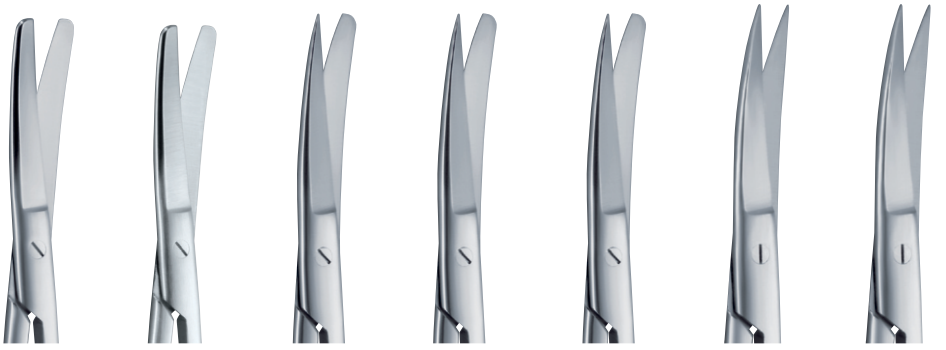
TC





		TC		Supercut	TC		TC
	Fig. 1	Fig. 1	Fig. 2	Fig. 2	Fig. 2	Fig. 3	Fig. 3
105 mm – 4 ¼ "	02-191-105		02-192-105			02-193-105	
115 mm – 4 ½ "	02-191-115		02-192-115			02-193-115	
130 mm – 5 "	02-191-130		02-192-130	02-451-130		02-193-130	
145 mm – 5 ¾ "	02-191-145	02-405-145	02-192-145	02-451-140	02-407-145	02-193-145	02-406-145
155 mm – 6 "	02-191-155		02-192-155			02-193-155	
165 mm – 6 ½ "	02-191-165	02-450-160	02-192-165		02-452-160	02-193-165	02-453-160
175 mm – 7 "	02-191-175		02-192-175			02-193-175	
185 mm – 7 ¼ "	02-191-185	02-450-180	02-192-185		02-452-180	02-193-185	02-453-180
200 mm – 8 "	02-191-200		02-192-200			02-193-200	



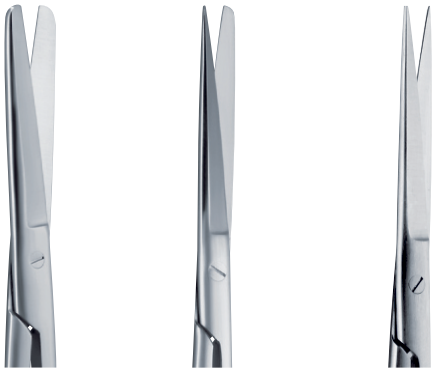


		TC		Supercut	TC		TC
	Fig. 1	Fig. 1	Fig. 2	Fig. 2	Fig. 2	Fig. 3	Fig. 3
105 mm – 4 ¼ "	02-194-105		02-196-105			02-198-105	
115 mm – 4 ½ "	02-194-115		02-196-115			02-198-115	
130 mm – 5 "	02-194-130		02-196-130	02-454-130		02-198-130	
145 mm – 5 ¾ "	02-194-145	02-408-145	02-196-145	02-454-140	02-409-145	02-198-145	02-410-145
155 mm – 6 "	02-194-155		02-196-155			02-198-155	
165 mm – 6 ½ "	02-194-165	02-455-160	02-196-165		02-456-160	02-198-165	02-457-160
175 mm – 7 "	02-194-175		02-196-175			02-198-175	
185 mm – 7 ¼ "	02-194-185	02-455-180	02-196-185		02-456-180	02-198-185	02-457-180
200 mm – 8 "	02-194-200		02-196-105			02-198-105	

Chirurgische Scheren
Operating scissors

Ciseaux à chirurgie
Tijeras para cirugía
Forbici per chirurgia





GRAZIL

	Fig. 1	Fig. 2	Fig. 3
130 mm – 5 "	02-458-130	02-459-130	02-460-130
145 mm – 5 ¾ "	02-458-140	02-459-140	02-460-140



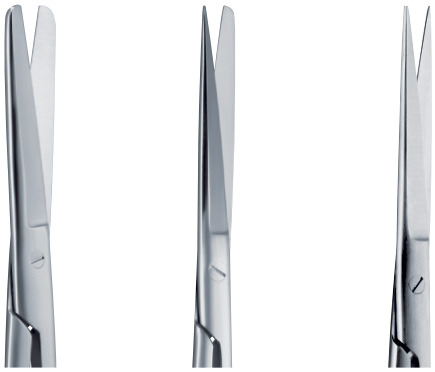


GRAZIL

	Fig. 1	Fig. 2	Fig. 3
130 mm – 5 "	02-461-130	02-462-130	02-463-130
140 mm – 5 ½ "	02-461-140	02-462-140	02-463-140

Chirurgische Scheren
Operating scissors
Ciseaux à chirurgie
Tijeras para cirugía
Forbici per chirurgia





GRAZIL

	Fig. 1	Fig. 2	Fig. 3
130 mm – 5 "	02-458-130	02-459-130	02-460-130
145 mm – 5 ¾ "	02-458-140	02-459-140	02-460-140





GRAZIL

	Fig. 1	Fig. 2	Fig. 3
130 mm – 5 "	02-461-130	02-462-130	02-463-130
140 mm – 5 ½ "	02-461-140	02-462-140	02-463-140

Chirurgische Scheren
Operating scissors
Ciseaux à chirurgie
Tijeras para cirugía
Forbici per chirurgia

TC


1:2


1:2 1:2 1:2 1:2

DEAVER

140 mm – 5½"	02-200-140	02-201-140	02-200-140S	02-201-140S
	gerade straight droits recta rette	gebogen curved courbes curva curve	gerade, gezahnt straight, saw edge droits, dentelés recta, dentada rette, dentate	gebogen, gezahnt curved, saw edge courbes, dentelés curva, dentada curve, dentate

DEAVER

	TC	TC
140 mm – 5½"	02-464-140	02-465-140
	gerade straight droits recta rette	gebogen curved courbes curva curve


1:2


1:2 1:2 1:2 1:2

LANGE

145 mm – 5¾"	02-204-145	02-205-145	02-204-145S	02-205-145S
	gerade straight droits recta rette	gebogen curved courbes curva curve	gerade, gezahnt straight, saw edge droits, dentelés recta, dentada rette, dentate	gebogen, gezahnt curved, saw edge courbes, dentelés curva, dentada curve, dentate

Chirurgische Scheren
Operating scissors
Ciseaux à chirurgie
Tijeras para cirugía
Forbici per chirurgia

TC

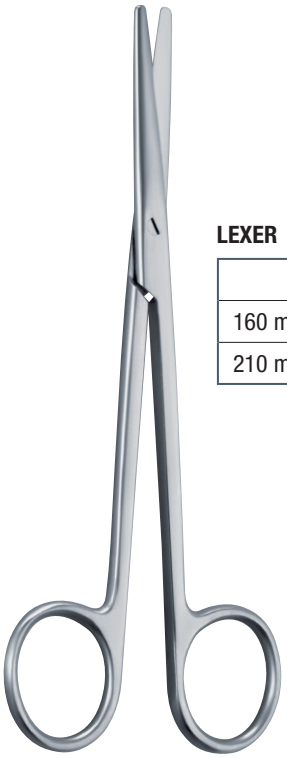

1:2


1:2


1:2

MIXTER

155 mm – 6 "	02-206-155	02-206-155S	02-207-155	02-207-155S
	gerade straight droits recta rette	gerade, gezahnt straight, saw edge droits, dentelés recta, dentada rette, dentate	gebogen curved courbes curva curve	gebogen, gezahnt curved, saw edge courbes, dentelés curva, dentada curve, dentate













LEXER

		Supercut	TC	TC/Supercut	Ceramic Cut
160 mm – 6¼ "	02-466-160	02-467-160	02-468-160	02-469-160	02-468-160K
210 mm – 8¼ "	02-466-210		02-468-210		











LEXER

		Supercut	TC	TC/Supercut	Ceramic Cut
160 mm – 6¼ "	02-470-160	02-471-160	02-472-160	02-473-160	02-472-160K
210 mm – 8¼ "	02-470-210		02-472-210		

Chirurgische Scheren
Operating scissors
Ciseaux à chirurgie
Tijeras para cirugía
Forbici per chirurgia



RICHTER 1:2

145 mm – 5¾"	02-211-145



FERGUSSON

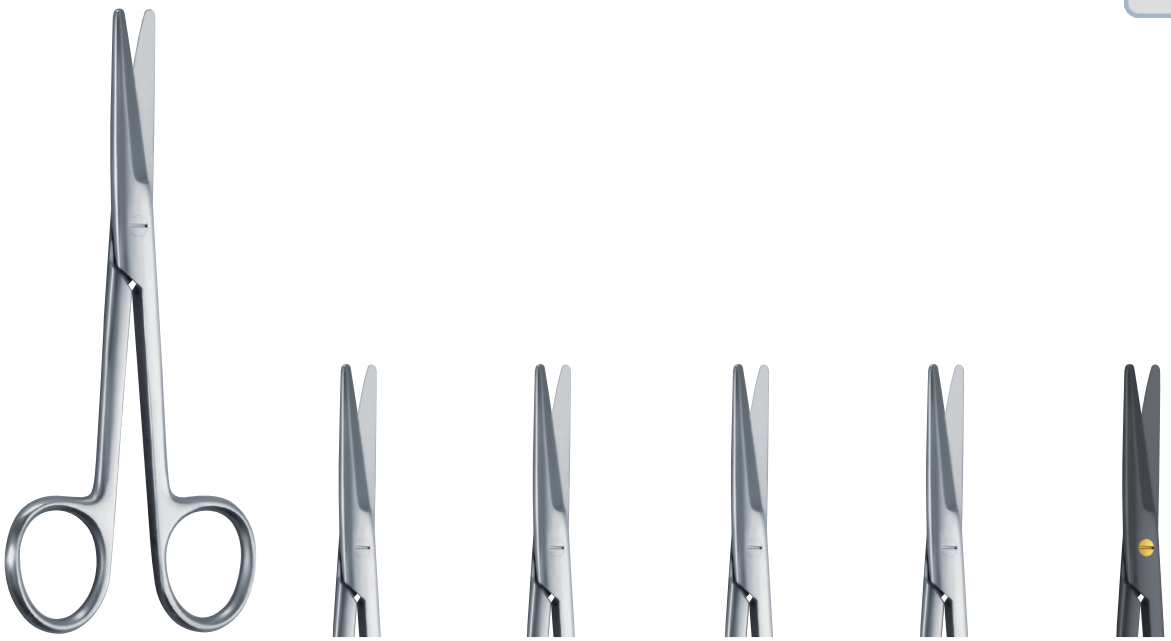
140 mm – 5½"	02-209-140
160 mm – 6¼"	02-209-160
180 mm – 7"	02-209-180



130 mm – 5"	02-210-130
145 mm – 5¾"	02-210-145

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

TC



MAYO

		Supercut	TC	TC / Supercut	Ceramic Cut
145 mm – 5¾"	02-212-145	02-474-140	02-411-140		02-212-145K
150 mm – 6"	02-212-150	02-478-150			
170 mm – 6¾"	02-212-170	02-474-170	02-411-170	02-475-170	02-212-170K
230 mm – 9"	02-212-230		02-411-230		02-212-230K



MAYO

		Supercut	TC	TC / Supercut	Ceramic Cut
145 mm – 5¾"	02-213-145	02-476-140	02-412-140		02-213-145K
150 mm – 6"	02-213-150	02-477-150			
170 mm – 6¾"	02-213-170	02-476-170	02-412-170	02-479-170	02-213-170K
200 mm – 8"			02-412-200		
230 mm – 9"	02-213-230		02-412-230		02-213-230K

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

TC



MAYO-STILLE

		Supercut	TC	TC / Supercut	Ceramic Cut
150 mm – 6 "	02-214-150	02-478-150	02-480-150		02-214-150K
170 mm – 6 ¾ "	02-214-170	02-478-170	02-480-170	02-482-170	02-214-170K
190 mm – 7 ½ "	02-214-190				
210 mm – 8 ¾ "	02-481-210				



MAYO-STILLE

		Supercut	TC	TC / Supercut	Ceramic Cut
150 mm – 6 "	02-215-150	02-477-150	02-413-150		02-215-150K
170 mm – 6 ¾ "	02-215-170	02-477-170	02-413-170	02-483-170	02-215-170K
190 mm – 7 ½ "	02-215-190				
210 mm – 8 ¾ "	02-483-210				

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

TC


1:2


1:2


1:2


1:2

MAYO-HARRINGTON

		Supercut	TC
230 mm – 9 "	02-484-230	02-474-230	02-485-230


1:2


1:2


1:2

MAYO-HARRINGTON

		Supercut	TC
230 mm – 9 "	02-486-230	02-476-230	02-487-230


1:2


1:2


1:2

MAYO-NOBLE

170 mm – 6 ¾ "	02-488-170	02-489-170

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

TC



WERTHEIM

		TC
145 mm – 5 ¾ "	02-490-140	
195 mm – 7 ⅔"	02-491-195	
225 mm – 8 ¾ "	02-491-220	308-523-220


1:2


1:2


1:2


1:2

METZENBAUM

		Supercut	TC / Supercut
150 mm – 6 "	02-216-150	02-492-150	02-493-150

gerade
straight
droits
recta
rette


1:2


1:2


1:2


1:2

METZENBAUM

		Supercut	TC / Supercut	Ceramic Cut
150 mm – 6 "	02-217-150	02-454-150	02-495-150	02-217-150K

gebogen
curved
courbes
curva
curve

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

TC





METZENBAUM

		Supercut	TC	Ceramic Cut
	Fig. 1	Fig. 1	Fig. 1	Fig. 1
115 mm – 4½"	02-496-110	02-492-110	02-497-110	02-496-110K
145 mm – 5¾"	02-216-145	02-216-145SC	02-498-145	02-216-145K



METZENBAUM

		TC		TC
	Fig. 2	Fig. 2	Fig. 3	Fig. 3
145 mm – 5¾"	02-499-140	02-414-145	411-250-140	02-415-145

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

TC





METZENBAUM

		Supercut	TC	Ceramic Cut
	Fig. 1	Fig. 1	Fig. 1	Fig. 1
115 mm – 4 ½ "	02-451-110	02-454-110	02-452-110	02-451-110K
145 mm – 5 ¾ "	02-217-145	02-217-145SC	02-453-145	02-217-145K



METZENBAUM

		TC		TC
	Fig. 2	Fig. 2	Fig. 3	Fig. 3
145 mm – 5 ¾ "	02-456-140	02-416-145	02-457-140	02-417-145

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

TC



METZENBAUM-NELSON

		Supercut	TC	TC / Supercut	Ceramic Cut
	Fig. 1	Fig. 1	Fig. 1	Fig. 1	Fig. 1
180 mm – 7 "	02-218-180	02-492-180	02-418-180	02-493-180	02-218-180K
200 mm – 8 "	02-218-200	02-492-200	02-418-200	02-493-200	02-218-200K
230 mm – 9 "	02-218-230	02-492-230	02-418-230	02-493-230	02-218-230K
250 mm – 9 ¾ "	02-218-250	02-492-250	308-280-250		
280 mm – 11 "	02-218-280		308-280-280		
300 mm – 12 "	02-218-300		308-280-300		





METZENBAUM-NELSON

		TC		TC
	Fig. 2	Fig. 2	Fig. 3	Fig. 3
180 mm – 7 "	02-458-180	02-414-180	02-460-180	02-415-180
200 mm – 8 "	02-458-200	02-414-200	02-460-200	02-415-200
230 mm – 9 "	02-458-230	02-414-230	02-460-230	02-415-230
250 mm – 9 ¾ "	02-458-250		02-460-250	
280 mm – 11 "	02-458-280		02-460-280	
300 mm – 12 "	02-458-300		02-460-300	

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

TC

METZENBAUM-NELSON



		Supercut	TC	TC / Supercut	Ceramic Cut
	Fig. 1	Fig. 1	Fig. 1	Fig. 1	Fig. 1
180 mm – 7 "	02-219-180	02-454-180	02-419-180	02-495-180	02-219-180K
200 mm – 8 "	02-219-200	02-454-200	02-419-200	02-495-200	02-219-200K
230 mm – 9 "	02-219-230	02-454-230	02-419-230	02-495-230	02-219-230K
250 mm – 9 ¾ "	02-219-250	02-454-250	02-461-250		02-219-250K
280 mm – 11 "	02-219-280		02-461-280		
300 mm – 12 "	02-219-300		02-461-300		02-219-300K



METZENBAUM-NELSON



		TC		TC
	Fig. 2	Fig. 2	Fig. 3	Fig. 3
180 mm – 7 "	02-463-180	02-416-180	02-465-180	02-417-180
200 mm – 8 "	02-463-200	02-416-200	02-465-200	02-417-200
230 mm – 9 "	02-463-230	02-416-230	02-465-230	02-417-230
250 mm – 9 ¾ "	02-463-250		02-465-250	
280 mm – 11 "	02-463-280		02-465-280	
300 mm – 12 "	02-463-300		02-465-300	

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

TC

METZENBAUM-FINO

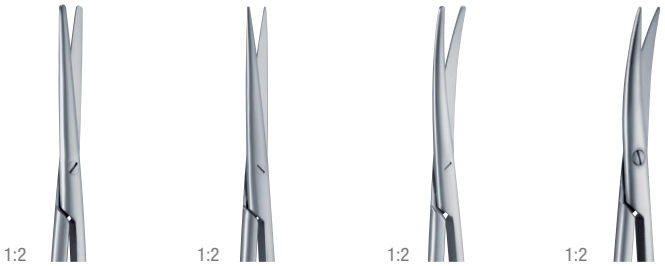
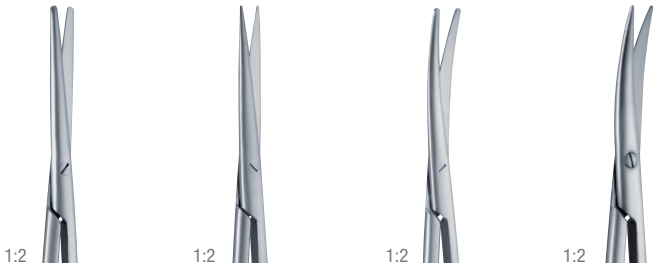


	Fig. 1	Fig. 3	Fig. 1	Fig. 3
145 mm – 5 ¾ "	02-220-145	411-324-140	02-221-145	02-467-140

	Ceramic Cut	**Ceramic Cut**	**Ceramic Cut**	**Ceramic Cut**
	Fig. 1	Fig. 3	Fig. 1	Fig. 3
145 mm – 5 ¾ "	02-220-145K		02-221-145K	02-467-140K

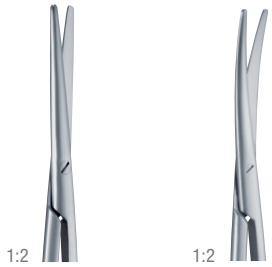


METZENBAUM-FINO



	TC	**TC**	**TC**	**TC**
	Fig. 1	Fig. 3	Fig. 1	Fig. 3
145 mm – 5 ¾ "	02-420-145	411-952-140	02-421-145	02-468-140

METZENBAUM-FINO



	Supercut	**Supercut**
	Fig. 1	Fig. 1
145 mm – 5 ¾ "	02-224-145	02-225-145

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

TC



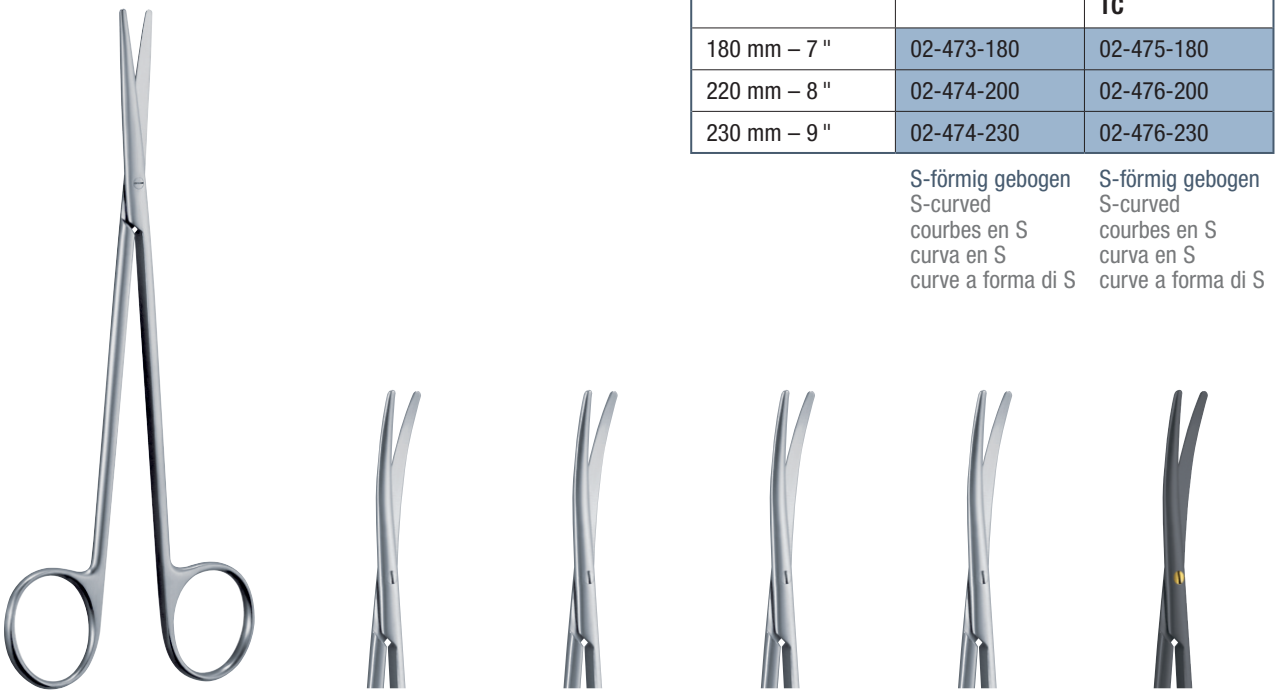
METZENBAUM-FINO

		Supercut	TC
180 mm – 7 "	02-469-180	02-470-180	02-472-180
200 mm – 7 ¾ "	02-469-200	02-470-200	02-472-200
230 mm – 9 "	02-469-230	02-470-230	02-472-230
250 mm – 10 "			02-472-250
280 mm – 11 "			02-472-280



METZENBAUM-FINO

		TC
180 mm – 7 "	02-473-180	02-475-180
220 mm – 8 "	02-474-200	02-476-200
230 mm – 9 "	02-474-230	02-476-230
	S-förmig gebogen S-curved courbes en S curva en S curve a forma di S	S-förmig gebogen S-curved courbes en S curva en S curve a forma di S



METZENBAUM-FINO

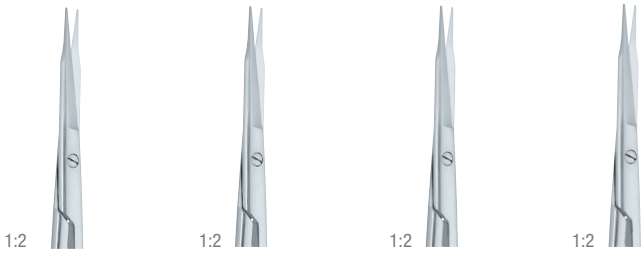
		Supercut	TC	TC / Supercut	Ceramic Cut
180 mm – 7 "	02-478-180	02-479-180	02-480-180	02-481-180	02-480-180K
200 mm – 7 ¾ "	02-478-200	02-479-200	02-480-200		02-480-200K
230 mm – 9 "	02-478-230	02-479-230	02-480-230		02-480-230K
250 mm – 10 "			02-480-250		
260 mm – 10 ¼"					02-480-260K
280 mm – 11 "			02-480-280		
300 mm – 12 "					02-480-300K

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

TC



GOLDMANN-FOX



			Supercut	TC
130 mm – 5"	02-230-130	02-231-130	02-232-130	02-482-130
	gezahnt saw edge dentelés dentada dentata			gerade straight droits recta rette

GOLDMANN-FOX



			Supercut	TC
130 mm – 5"	02-233-130	02-234-130	02-235-130	02-483-130
	gezahnt saw edge dentelés dentada dentata			gebogen curved courbes curva curve

Präparierscheren
Dissecting scissors
Ciseaux à dissection
Tijeras de disección
Forbici per dissezione



1:2

FOMON

140 mm – 5 ½ "	02-484-140



THOREK

185 mm – 7 ⅓ "	02-485-180
250 mm – 9 ¾ "	02-485-250

Gynäkologische Scheren
Gynecological scissors
Ciseaux à gynécologie
Tijeras para ginecología
Forbici per ginecologia

TC





SIMS

		Supercut	TC	
	Fig. 1	Fig. 1	Fig. 1	Fig. 2
200 mm – 8 "	02-240-200	02-486-200		02-242-200
230 mm – 9 "	02-240-230	02-486-230	02-487-230	02-242-230



SIMS

		Supercut	TC	
	Fig. 1	Fig. 1	Fig. 1	Fig. 2
200 mm – 8 "	02-243-200	02-488-200		02-245-200
230 mm – 9 "	02-243-230	02-488-230	02-490-230	02-245-230

Gynäkologische Scheren
Gynecological scissors
Ciseaux à gynécologie
Tijeras para ginecología
Forbici per ginecologia

TC


1:2


1:2


1:2

DUBOIS

270 mm – 10 ¾ "	02-492-270	02-493-270


1:2


1:2


1:2

DOYEN

175 mm – 7 "	02-248-175	02-249-175


1:2


1:2


1:2

SIEBOLD

		Supercut
240 mm – 9 ½ "	02-494-240	02-95-240
	S-förmig gebogen S-curved courbes en S curva en S curve a forma di S	S-förmig gebogen S-curved courbes en S curva en S curve a forma di S

Feine chirurgische Scheren
Fine operating scissors
Ciseaux fins à chirurgie
Tijeras finas para cirugía
Forbici fine per chirurgia

TC


1:2


1:2


1:2


1:2

	Fig. 1	Fig. 2	Fig. 3
120 mm – 4¾"	02-496-120	02-498-120	02-499-120


1:2


1:2


1:2


1:2

	Fig. 1	Fig. 2	Fig. 3
120 mm – 4¾"	02-500-120	02-501-120	02-502-120

KNAPP


1:2


1:2

105 mm – 4¼"	02-503-100	02-504-100

stumpf
blunt
mousses
roma
smusse




1:2


1:2


1:2


1:2

KNAPP

		Ceramic Cut		Ceramic Cut
105 mm – 4¼"	02-506-100		02-507-100	
120 mm – 4¾"		02-508-120K		02-509-120K

spitz
sharp
pointus
aguda
acute

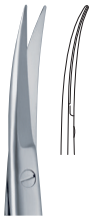
Feine Scheren
Fine scissors
Ciseaux fins
Tijeras finas
Forbici fini

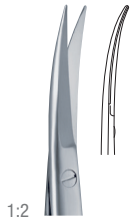
TC











WAGNER

		Supercut		Supercut
120 mm – 4¾"	02-510-120	02-511-120	02-513-120	02-512-120
	gerade straight droits recta rette		gebogen curved courbes curva curve	







BROPHY (SULLIVAN)

145 mm – 5¾"	02-250-145	02-251-145





LITTLER

115 mm – 4½"	02-252-120
145 mm – 5¾"	02-252-145

Feine Scheren
Fine scissors
Ciseaux fins
Tijeras finas
Forbici fini

TC



NEUMANN

120 mm – 4¾"	02-514-120

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



QUINBY

125 mm – 5"	125 mm – 5"
02-255-125	02-256-125
gerade straight droits recta rette	gebogen curved courbes curva curve









LOCKLIN

		TC		TC
165 mm – 6½"	02-515-160	02-517-160	02-516-160	02-518-160

gezahnt
saw edge,
dentelées
dentada
dentate

Feine Scheren
Fine scissors
Ciseaux fins
Tijeras finas
Forbici fini

TC

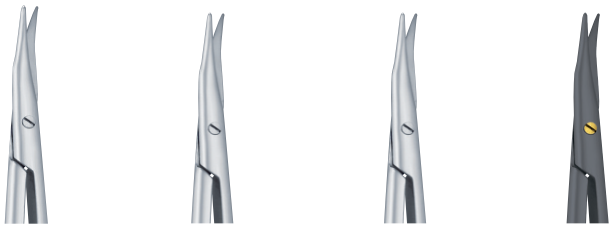




REYNOLDS

		Supercut	TC
150 mm – 6 "	02-519-150	02-520-150	02-521-150
180 mm – 7 "	02-519-180	02-520-180	





REYNOLDS

		Supercut	TC	Ceramic Cut
150 mm – 6 "	02-522-150	02-523-150	02-524-150	02-523-150K
180 mm – 7 "	02-522-180	02-523-180		02-523-180K

Feine Scheren
Fine scissors
Ciseaux fins
Tijeras finas
Forbici fini



105 mm – 4 ¼ "	02-422-105	02-423-105



105 mm – 4 ¼ "	02-274-105	02-275-105



90 mm – 3 ½ "	02-280-090	02-281-090

Feine Scheren
Fine scissors
Ciseaux fins
Tijeras finas
Forbici fini

TC



		Supercut	TC	TC / Supercut	Ceramic Cut
90 mm – 3 ½ "	02-290-090	02-525-090			
105 mm – 4 ¼ "	02-290-105			02-526-110	
115 mm – 4 ½ "	02-290-115	02-298-115	02-424-115		02-290-115K
120 mm – 4 ¾ "	02-290-120				



		Supercut	TC	TC / Supercut	Ceramic Cut
90 mm – 3 ½ "	02-301-090	02-527-090			
105 mm – 4 ¼ "	02-301-105			02-528-110	
115 mm – 4 ½ "	02-301-115	02-309-115	02-425-115		02-301-115K
120 mm – 4 ¾ "	02-301-120				



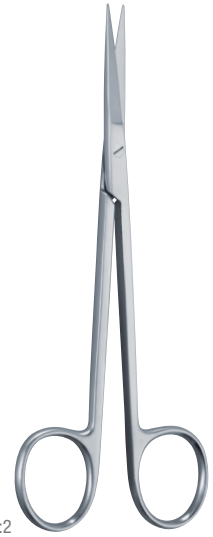
115 mm – 4 ½ "	02-303-115	02-305-115

seitwärts gebogen
laterally curved
courbes laterale
curva lateral
curvata lateralmente

seitwärts abgewinkelt
laterally angled
angle laterale
angulada lateral
angolo lateralmente

Feine Scheren
Fine scissors
Ciseaux fins
Tijeras finas
Forbici fini

TC





SANVENERO

140 mm – 5 ½ "	02-529-140	02-530-140







LEXER-BABY

		TC		TC
100 mm – 4 "	02-531-100	02-532-100	02-533-100	02-534-100

gerade
straight
droits
recta
rette

gebogen
curved
courbes
curva
curve

Fistelscheren
Fistula scissors
Ciseaux pour fistules
Tijeras para fístulas
Forbici per fistole

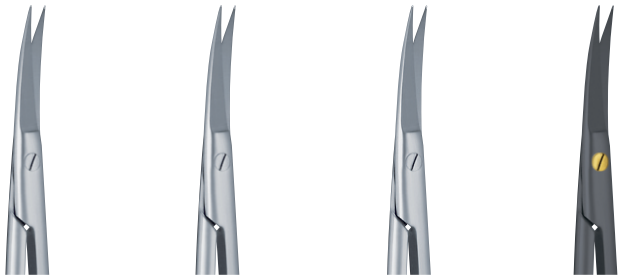
TC





KELLY

		Supercut	TC	Ceramic Cut
160 mm – 6 ¼ "	02-320-160	02-322-160	02-535-160	
180 mm – 7 "	02-320-180	02-322-180		02-320-180K



KELLY

		Supercut	TC	Ceramic Cut
160 mm – 6 ¼ "	02-323-160	02-324-160	02-536-160	
180 mm – 7 "	02-323-180	02-324-180		02-323-180K

Enukleationsscheren
Enucleation scissors
Ciseaux à énucléation
Tijeras para enucleación
Forbici per enucleazione

TC



LANDOLDT





125 mm – 5 "	02-325-125	02-326-125
	leicht gebogen slight curved facile courbes ligeramente curva facile curve	stark gebogen strong curved tort courbes fuerte curva forte curve









		Ceramic Cut		Ceramic Cut
115 mm – 4 ½ "	02-328-115	02-328-115K	02-327-115	02-327-115K
	gerade straight droits recta rette		gebogen curved courbes curva curve	

CHADWICK



110 mm – 4 ¼ "
02-330-110

Scheren für die Plastische Chirurgie
Plastic surgery scissors
Ciseaux pour la chirurgie plastique
Tijeras para cirugía plástica
Forbici per chirurgia plastica

TC















JOSEPH

		Supercut	TC		Supercut	TC
140 mm – 5 ½ "	02-335-140	02-332-140	02-426-140	02-336-140	02-338-140	02-427-140





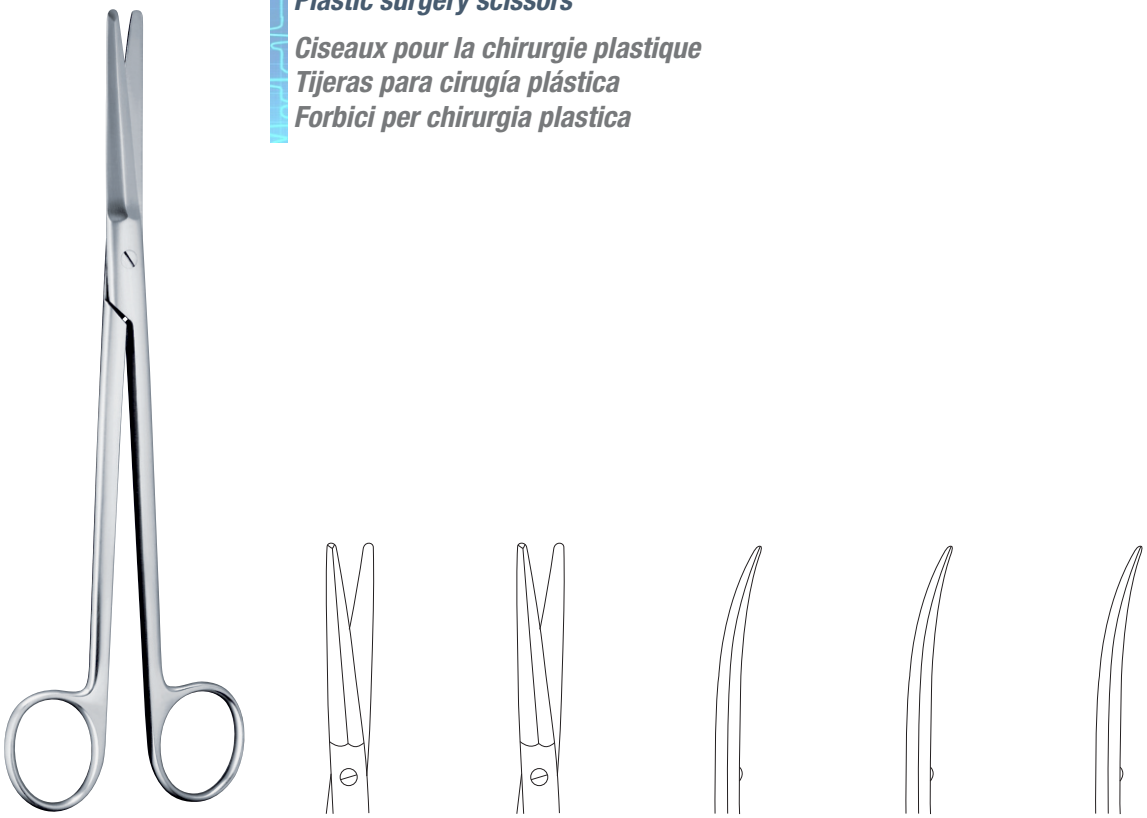


KILNER (RAGNELL)

		TC
120 mm – 4 ¾ "	02-339-125	02-537-120
150 mm – 6 "	02-339-150	02-537-150

Scheren für die Plastische Chirurgie
Plastic surgery scissors
Ciseaux pour la chirurgie plastique
Tijeras para cirugía plástica
Forbici per chirurgia plastica

TC



GORNEY

		TC		TC	Ceramic Cut
120 mm – 4 ¾"	02-538-120				
170 mm – 6 ¾"					02-539-170K
190 mm – 7 ½"	02-538-190	02-428-185	02-539-190	02-429-185	02-539-190K
230 mm – 9"					02-539-230K



KAYE

	TC
115 mm - 4 ½"	02-430-115

Gefäßscheren
Artery scissors
Ciseaux vasculaires
Tijeras vasculares
Forbici vascolari



145 mm – 5¾"	02-540-150

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

LINCOLN



170 mm – 6¾"	02-346-170	02-347-170



115 mm – 4½"	02-348-115

FULTON



170 mm – 6¾"	02-349-170

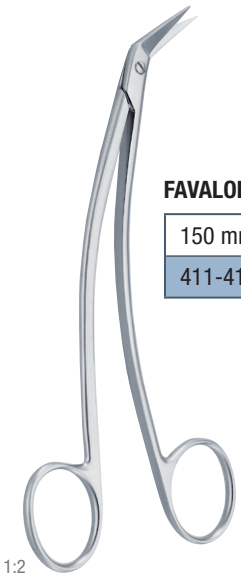
POTTS-SMITH (DE MARTEL)



195 mm – 7¾"	02-351-045

Gefäßscheren
Artery scissors
Ciseaux vasculaires
Tijeras vasculares
Forbici vascolari

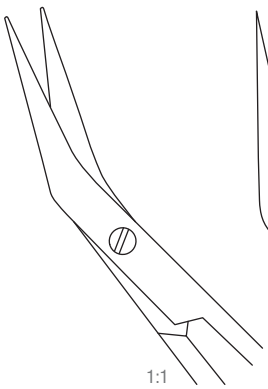
TC

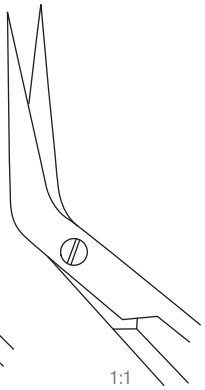

1:2

FAVALORO

150 mm – 6 "	
411-415-900	


1:2


1:1


1:1

DE BAKEY

155 mm – 6 "	02-352-155	02-353-155

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

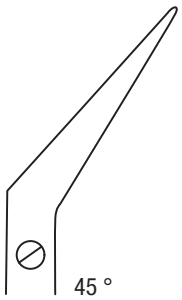

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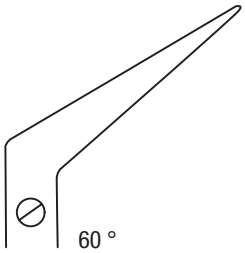
MILLS

225 mm – 8 ¾ "
02-541-220




25 °


45 °

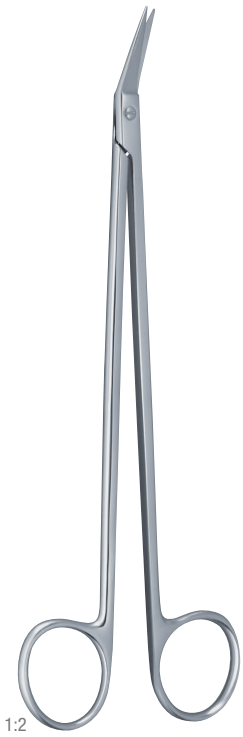

60 °

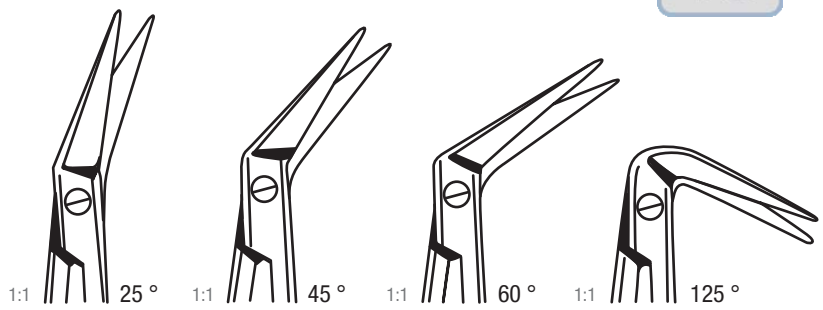
DE BAKEY

		TC		TC		TC
160 mm – 6 ¼ "	02-542-160	02-543-250	02-544-160	02-543-450	02-545-160	02-543-600
230 mm – 9 "	02-542-230	02-546-250	02-544-230	02-546-450	02-545-230	02-546-600
280 mm – 11 "	02-542-280	02-547-250	02-544-280	02-547-450	02-545-280	02-547-600

Gefäßscheren
Artery scissors
Ciseaux vasculaires
Tijeras vasculares
Forbici vascolari

TC





POTTS-SMITH

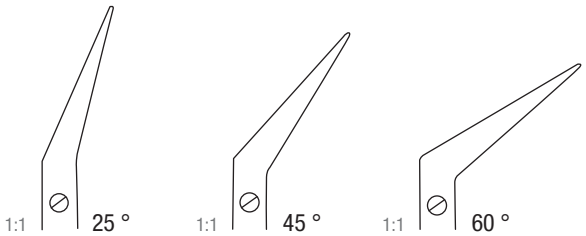
190 mm – 7½"	02-354-025	02-354-045	02-354-060	02-354-125

POTTS-SMITH

	Supercut	**Supercut**	**Supercut**
190 mm – 7½"	02-548-250	02-548-450	02-548-600

POTTS-SMITH

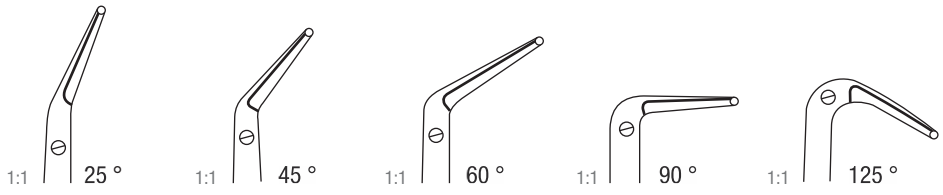
	Ceramic Cut	**Ceramic Cut**	**Ceramic Cut**
190 mm – 7½"	02-548-250K	02-548-450K	02-548-600K



POTTS-SMITH

	TC	**TC**	**TC**
190 mm – 7½"	02-549-250	02-549-400	02-549-600





180 mm – 7"	02-550-250	02-550-450	02-550-600	02-550-900	02-551-000

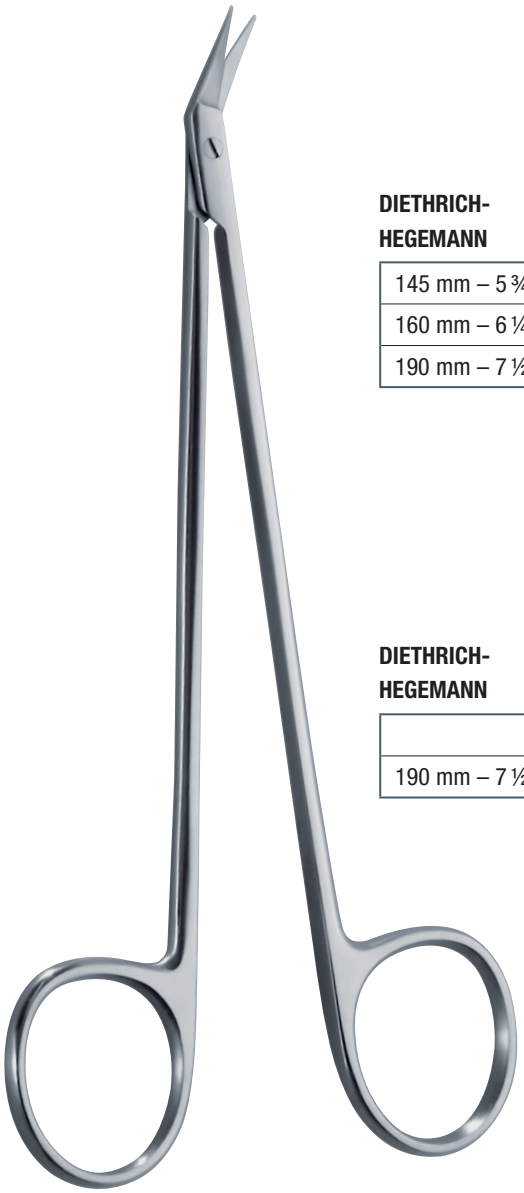


02-552-250	02-552-450	02-552-600	02-552-900	02-550-000

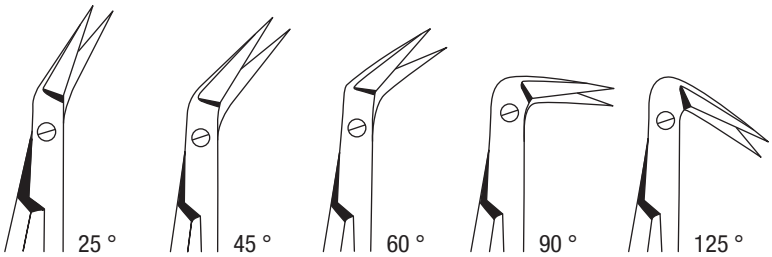
Ceramic Cut	**Ceramic Cut**	**Ceramic Cut**	**Ceramic Cut**	**Ceramic Cut**
02-552-250K	02-552-450K	02-552-600K	02-552-900K	02-550-000K

Gefäßscheren
Artery scissors
Ciseaux vasculaires
Tijeras vasculares
Forbici vascolari

TC

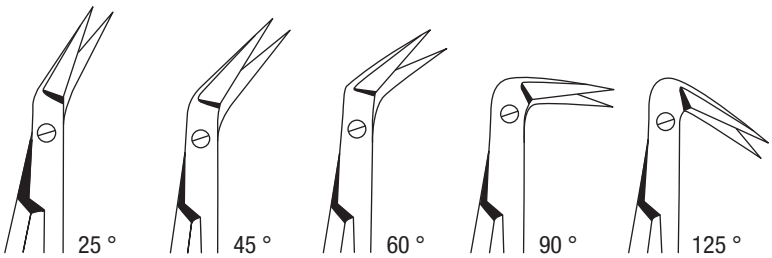


DIETHRICH-HEGEMANN



145 mm – 5 ¾ "	02-355-025	02-355-045	02-355-060	02-355-090	02-355-125
160 mm – 6 ¼ "	02-356-025	02-356-045	02-356-060	02-356-090	02-356-125
190 mm – 7 ½ "	02-357-025	02-357-045	02-357-060	02-357-090	02-357-125

DIETHRICH-HEGEMANN



	Ceramic Cut	**Ceramic Cut**	**Ceramic Cut**	**Ceramic Cut**	**Ceramic Cut**
190 mm – 7 ½ "	02-357-025K	02-357-045K	02-357-060K	02-357-090K	02-357-125K

Knorpelscheren
Cartilage scissors
Ciseaux pour cartílages
Tijeras para cartílagos
Forbici per cartilagini


1:2

MARTIN-CARTILAGE

200 mm – 8"	02-553-200

gebogen, gezahnt
curved, saw edge
courbes, dentelés
curva, dentada
curve, dentate


1:2

MCINDOE

190 mm – 7½"	02-554-190


1:2 2

POTTS-SMITH

190 mm – 7½"	02-555-190

Tonsillenscheren
Tonsil scissors
Ciseaux pour amygdales
Tijeras para amígdalas
Forbici per tonsille

TC



TOENNIS 1:2 1:2 1:2

180 mm – 7 "	02-358-180	02-359-180



PRINCE 1:2

175 mm – 7 "	02-556-170



BOETTCHER 1:2

180 mm – 7 "	02-360-180



TOENNIS-ADSON 1:2 1:2 1:2

		TC	Ceramic Cut
170 mm – 6 ¾ "	02-361-175	02-557-170	02-361-175K

Tonsillenscheren
Tonsil scissors
Ciseaux pour amygdales
Tijeras para amígdalas
Forbici per tonsille

TC


1:2


1:2

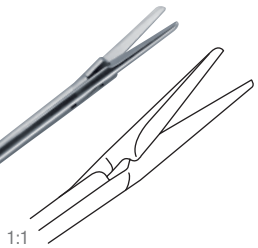
DEAN

			TC
170 cm – 6 ¾ "	02-362-170	02-363-170	02-558-170
	gebogen curved courbes curva curve	gebogen, gezahnt curved, saw edge courbes, dentelés curva, dentada curve, dentate	gebogen, gezahnt curved, saw edge courbes, dentelés curva, dentada curve, dentate



WERTHEIM

140 mm – 5 ¼ "	02-490-140
190 mm – 7 ½ "	02-490-190


1:1


1:2

OLIVECRONA

230 mm – 9 "	02-364-230

Trigeminusschere
Trigeminal scissors
Ciseaux pour le trigeminus
Tijera para nervio trigémino
Forbici per il nervo trigemino


1:2

GOOD

190 mm – 7 ½ "	02-365-190

Lungenscheren
Lobectomy scissors
Ciseaux à lobectomie
Tijeras para lobectomía
Forbici per lobectomia



CRAFOORD 1:3

300 mm – 12"	02-559-300



WILLAUER

250 mm – 9¾"	02-560-250	02-561-250
280 mm – 11"	02-560-280	02-561-280
	gerade straight droits recta rette	gebogen curved courbes curva curve



FINOCHIETTO 1:3

270 mm – 10¾"	02-562-270



RESANO 1:3

250 mm – 10"	02-563-250

Thoraxscheren
Thorax scissors
Ciseaux pour le thorax
Tijeras para tórax
Forbici per torace



SATINSKY

245 mm – 9 ¾"	02-564-240



KLINKENBERGH-LOTH

230 mm – 9"	02-565-230



JORGENSON

220 mm – 8 ¾"	02-566-220

Darmscheren
Enterotomy scissors
Ciseaux pour l'intestin
Tijeras para intestino
Forbici per enterotomia


1:2


1:2


1:2

	Fig. 1	Fig. 2	Fig. 3
210 mm – 8 ¼ "	02-567-210	02-568-210	02-569-210

Nabelschnurscheren
Umbilical scissors
Ciseaux pour le cordon ombilical
Tijeras umbilicales
Forbici ombelicali



BUSCH

135 mm – 5 ⅓ "	02-367-135
160 mm – 6 ¼ "	02-367-160



1:2

SCHUMACHER

160 mm – 6 ¼ "	02-570-160



1:2

MOD .USA

105 mm – 4 ¼ "	02-366-105

Episiotomiescheren
Episiotomy scissors
Ciseaux à épisiotomie
Tijeras para episiotomía
Forbici per episiotomia



BRAUN-STADLER

145 mm – 5 ¾"	02-368-145
220 mm – 8 ¾"	02-369-220



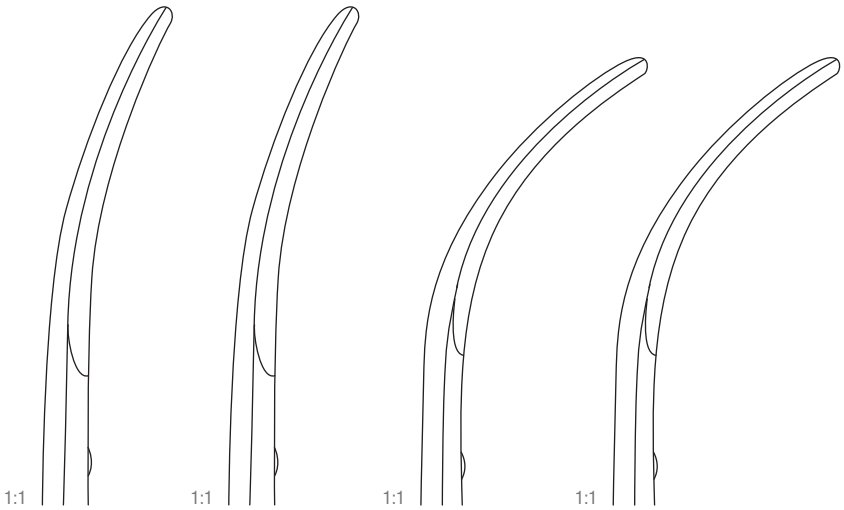
WALDMANN

180 mm – 7"	02-571-180

Parametriumscheren
Parametrium scissors
Parametrium ciseaux
Paramétrium tijeras
Forbici per il parametrio

TC





	TC		TC
230 mm – 9"	230 mm – 9"	225 mm – 8¾"	225 mm – 8¾"
02-573-230	02-572-230	02-573-220	02-572-220

Nasenscheren
Nasal scissors
Ciseaux nasaux
Tijeras nasales
Forbici nasali

TC



SEILER 1:2

170 mm – 6¾"	02-574-170



COTTLE 1:2 1:2 1:2

		Supercut	Ceramic Cut
160 mm – 6¼"	02-370-160	02-575-160	02-370-160K



FOMON 1:2 1:2 1:2

		Supercut	Ceramic Cut
130 mm – 5"	02-576-150	02-577-150	02-576-130K



HEYMANN 1:2

		Supercut
180 mm – 7"	02-371-180	02-578-180

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 ¾ "	02-431-120	02-580-120	02-581-120
gerade straight droits recta rette	spitz – spitz sharp – sharp pointue – pointue roma – roma acuta – acuta	spitz – stumpf sharp – blunt pointue – mousse roma – aguda acuta – smussa	stumpf – stumpf blunt – blunt mousse – mousse aguda – aguda smussa – smussa


1:1

NOYES


1:1


1:1


1:1

	Fig. 1	Fig. 2	Fig. 3
120 mm – 4 ¾ "	02-432-120	02-582-120	02-583-120
abgewinkelt angulated coudé angulado angolate	spitz – spitz sharp – sharp pointue – pointue roma – roma acuta – acuta	spitz – stumpf sharp – blunt pointue – mousse roma – aguda acuta – smussa	stumpf – stumpf blunt – blunt mousse – mousse aguda – aguda smussa – smussa

Mikroscheren
Micro scissors
Micro-ciseaux
Micro-tijeras
Micro-forbici



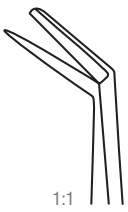
1:1

120 mm – 4 ¾ "	02-584-120

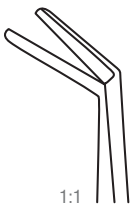


1:1

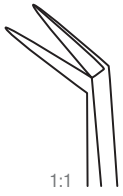
WECKER



1:1



1:1



1:1

	Fig. 1	Fig. 2	Fig. 3
110 mm – 4 ¼ "	02-434-110	02-435-110	02-436-110
	spitz – stumpf sharp – blunt pointue – mousse roma – aguda acuta – smussa	stumpf – stumpf blunt – blunt mousse – mousse aguda – aguda smussa – smussa	spitz – spitz sharp – sharp pointue – pointue roma – roma acuta – acuta



BARRAQUER 1:1

	55 mm – 2 ¼ "
x = 5 mm	02-433-005
x = 7 mm	02-433-007
x = 10 mm	02-433-010

Mikroscheren
Micro scissors
Micro-ciseaux
Micro-tijeras
Micro-forbici







WESTCOTT 1:1 1:1 1:1

115 mm – 4 ½ "	02-585-110	02-586-110



CASTROVIEJO 1:1

90 mm – 3 ½ "	02-587-090

Mikroscheren
Micro scissors
Micro-ciseaux
Micro-tijeras
Micro-forbici

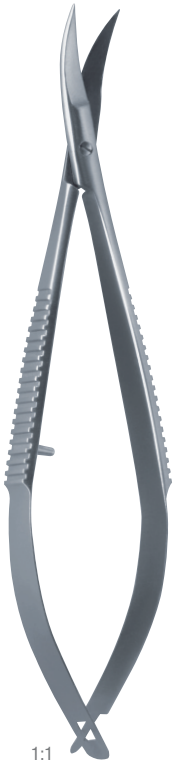






VANNAS 1:1 1:1 1:1

85 mm – 3⅓ "	02-437-085	02-438-085



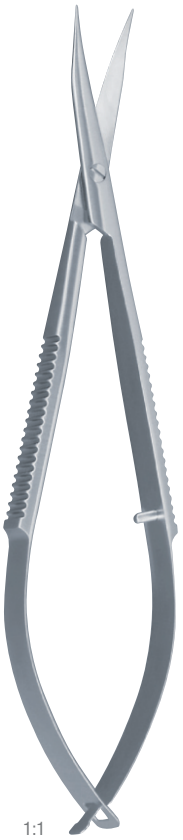




CASTROVIEJO 1:1 1:1 1:1

100 mm – 4 "	02-439-100	02-440-100
	spitz – spitz sharp – sharp pointue – pointue roma – roma acuta – acuta	stumpf – stumpf blunt – blunt mousse – mousse aguda – aguda smussa – smussa

Sehnenscheren
Tenotomy scissors
Ciseaux à ténotomie
Tijeras para tenotomía
Forbici per tenotomia


1:1

WESTCOTT


1:1


1:1

110 mm – 4 ¼ "	02-441-110	02-442-110
	spitz – spitz sharp – sharp pointue – pointue roma – roma acuta – acuta	stumpf – stumpf blunt – blunt mousse – mousse aguda – aguda smussa – smussa

Irisscheren
Iris scissors
Ciseaux à iridectomie
Tijeras para iridectomía
Forbici per iridectomia

TC


1:2


1:2


1:2

120 mm – 4¾"	02-290-120	02-301-120


1:2


1:1


1:1

	Supercut	Supercut
115 mm – 4½"	02-298-115	02-309-115
	gerade straight droits recta rette	gebogen curved courbes curva curve

Irisscheren
Iris scissors
Ciseaux à iridectomie
Tijeras para iridectomía
Forbici per iridectomia

TC


1:2


1:1


1:1


1:1


1:1


1:1


1:1

		TC	Ceramic Cut		TC	Ceramic Cut
115 mm – 4 ½ "	02-290-115	02-424-115	02-290-115K	02-301-115	02-425-115	02-301-115K
	gerade straight droits recta rette	gerade straight droits recta rette	gerade straight droits recta rette	gebogen curved courbes curva curve	gebogen curved courbes curva curve	gebogen curved courbes curva curve


1:1

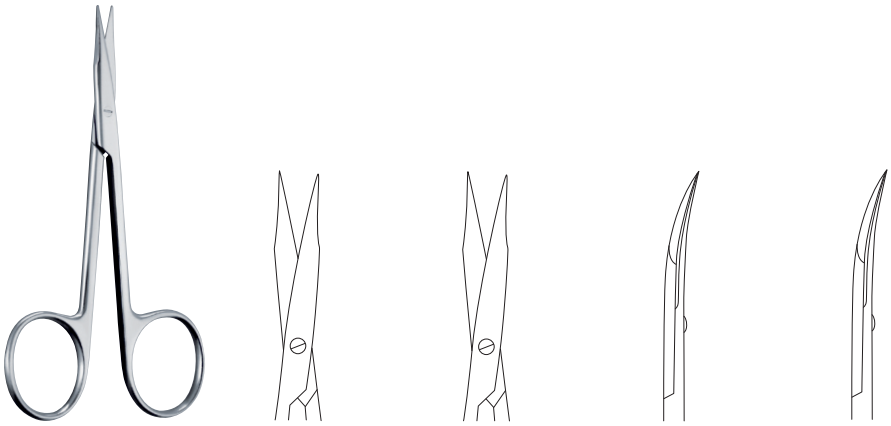

1:1


1:1

		TC	
115 mm – 4 ½ "	02-305-115	02-588-110	02-303-115
	kniegebogen angular coudés acodada angolata	kniegebogen angular coudés acodada angolata	seitwärts gebogen laterally curved courbes laterale curva lateral curvata lateralmente

Sehnenscheren
Tenotomy scissors
Ciseaux à ténotomie
Tijeras para tenotomía
Forbici per tenotomia

TC



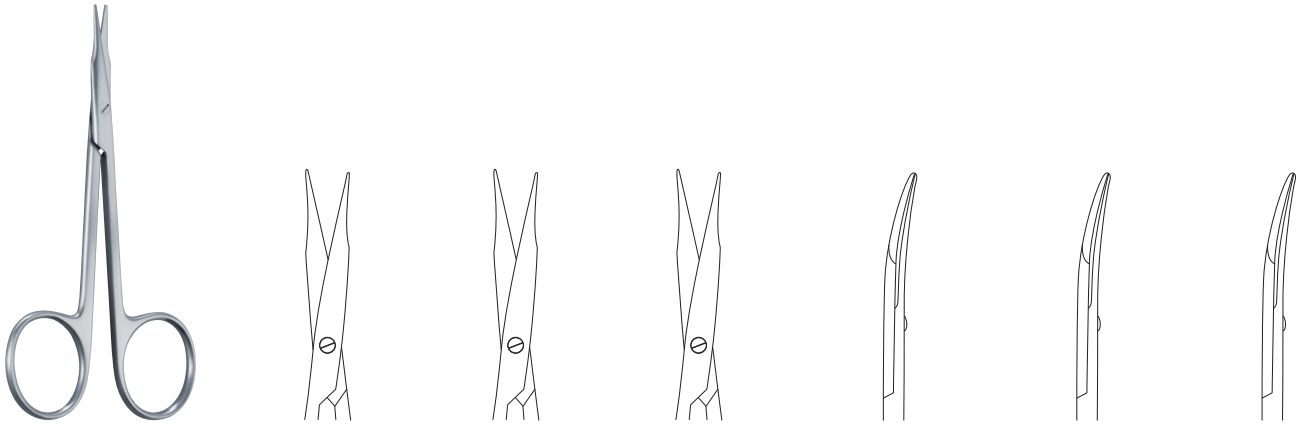
STEVENS

		Supercut		Supercut
90 mm – 3 ½ "	02-312-090			
100 mm – 4 "	02-589-100	02-590-100	02-592-100	02-591-100
110 mm – 4 ¼ "	02-372-115	02-590-110	02-373-115	02-591-110

spitz – spitz
sharp – sharp
pointue – pointue
roma – roma
acuta – acuta

Sehnenscheren
Tenotomy scissors
Ciseaux à ténotomie
Tijeras para tenotomía
Forbici per tenotomia

TC



STEVENS

		Supercut	Ceramic Cut		Supercut	Ceramic Cut
90 mm – 3½"	02-374-090					
100 mm – 4"	02-593-100			02-594-100		
110 mm – 4¼"	02-312-115	307-358-110	02-595-110K	02-375-115	02-597-110	02-596-110K
130 mm – 5"			02-595-130K			02-596-130K

stumpf – stumpf
blunt – blunt
mousse – mousse
aguda – aguda
smussa – smussa



WALTON 1:2

100 mm – 4"	02-597-100



GRAEFE 1:2

105 mm – 4¼"	02-380-100

Strabismusscheren
Strabismus scissors
Ciseaux à strabisme
Tijeras para estrabismo
Forbici per strabismo

TC











		Supercut	TC	TC / Supercut
115 mm – 4½"	02-328-115	02-598-110	02-599-110	02-600-110









		Supercut	TC	TC / Supercut
115 mm – 4½"	02-327-115	02-601-110	02-602-110	02-603-110

Anatomische Scheren
Anatomy scissors
Ciseaux à dissequer
Tijeras para anatomía
Forbici per anatomia





110 mm – 4⅓ "	02-604-110	02-605-110

Durascheren
Dura scissors

Ciseaux pour la duremère
Tijeras para dura-madre
Forbici per dura-madre



TAYLOR 1:2

145 mm – 5¾"	02-606-145



SCHMIEDEN 1:2

170 mm – 6¾"	02-607-170



DANDY 1:2

170 mm – 6¾"	02-608-170



1:2



1:2



1:2

STRULLY

220 mm – 8¾"	02-609-220	02-610-220

Ligaturscheren
Ligature scissors
Ciseaux à ligature
Tijeras para ligaduras
Forbici per sutura



LITTAUER 1:2

140 mm – 5½"	02-381-140



O'BRIEN 1:2

90 mm – 3½"	02-382-090



BUCK

145 mm – 5¾"	02-611-140
180 mm – 7"	02-611-180



1:2

115 mm – 4½"	02-383-115



SPENCER

90 mm – 3½"	02-384-090	02-383-090
110 mm – 4⅓"	02-384-110	
130 mm – 5"	02-384-130	

seitwärts gebogen
laterally curved
courbes laterale
curva lateral
curvata eralmente

Ligaturscheren
Ligature scissors
Ciseaux à ligature
Tijeras para ligaduras
Forbici per sutura



NORTHBENT

90 mm – 3½"	02-612-090
125 mm – 5"	02-612-130

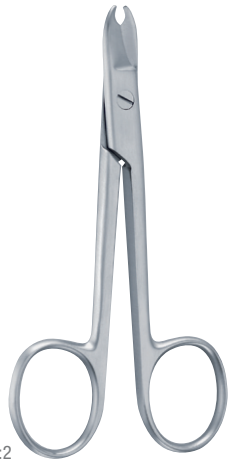


1:2

HEATH

150 mm – 6"
02-385-150

gezahnt
saw edge
dentelés
dentada
dentata



1:2

120 mm – 4¾"
02-613-120

gezahnt
saw edge
dentelés
dentada
dentata



1:2

EISELSBERG

115 mm – 4½"	02-614-120

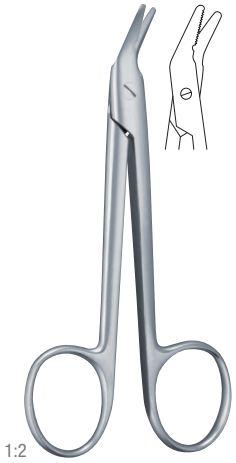


1:2

90 mm – 3½"	02-281-090

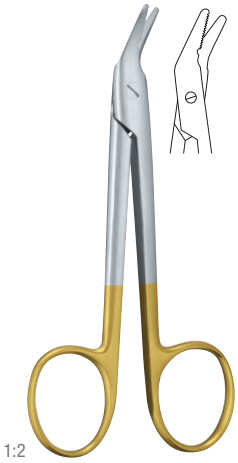
Drahtscheren
Wire cutting scissors
Cisailles pour fils
Cizallas para cortar alambre
Forbici per filo metallico

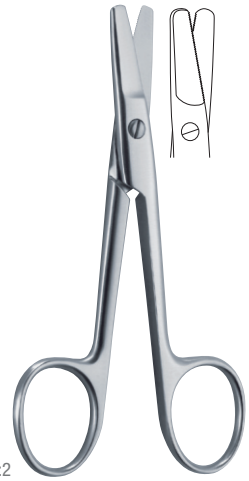
TC


1:2

UNIVERSAL

	TC
120 mm – 4¾"	120 mm – 4¾"
02-386-120	02-615-120
gezahnt saw edge dentelés dentada dentata	gezahnt saw edge dentelés dentada dentata


1:2


1:2

HARVEY

125 mm – 5"
02-616-120
gezahnt saw edge dentelés dentada dentata


1:2

SCHUKNECHT

125 mm – 5"
02-388-125
gezahnt saw edge dentelés dentada dentata


1:2

BEEBEE


1:2


1:2


1:2


1:2

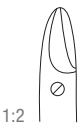
105 mm – 4"	02-389-105	02-390-105	02-391-105	02-392-105
gerade straight droits recta rette	stumpf – stumpf blunt – blunt mousse – mousse aguda – aguda smussa – smussa	spitz – spitz sharp – sharp pointue – pointue roma – roma acuta – acuta	stumpf – stumpf, gezahnt blunt – blunt, saw edge mousse – mousse, dentelée roma – roma, dentada smussa – smussa, dentata	spitz – spitz, gezahnt sharp – sharp, saw edge pointue – pointue, dentelée aguda – aguda, dentada acuta – acuta, dentata


1:2

BEEBEE


1:2


1:2


1:2


1:2

105 mm – 4"	02-393-105	02-394-105	02-395-105	02-396-105
gebogen curved courbes curva curve	stumpf – stumpf blunt – blunt mousse – mousse aguda – aguda smussa – smussa	spitz – spitz sharp – sharp pointue – pointue roma – roma acuta – acuta	stumpf – stumpf, gezahnt blunt – blunt, saw edge mousse – mousse, dentelée roma – roma, dentada smussa – smussa, dentata	spitz – spitz, gezahnt sharp – sharp, saw edge pointue – pointue, dentelée aguda – aguda, dentada acuta – acuta, dentata

Verbandscheren
Bandage scissors
Ciseaux pour pansements
Tijeras para vendajes
Forbici per bendaggi

TC



UNIVERSAL

140 mm – 5½"	02-397-140
180 mm – 7"	02-397-180



LISTER

180 mm – 7"	02-398-180
200 mm – 8"	02-398-200



LISTER

		Supercut	TC
90 mm – 3½"	02-399-090		
110 mm – 4¼"	02-399-110		
140 mm – 5½"	02-399-145	02-617-140	02-618-140
155 mm – 6"	02-399-155		
180 mm – 7"	02-399-180	02-617-180	02-618-180
200 mm – 8"	02-399-200	02-617-200	02-618-200

Verbandscheren
Bandage scissors

Ciseaux pour pansements
Tijeras para vendajes
Forbici per bendaggi



LANGE 1:2

180 mm – 7"	02-619-180



KNOWLES 1:2

140 mm – 5½"	02-620-140



1:2

160 mm – 6¼"	02-400-160



SMITH (MOD. USA)

160 mm – 6¼"	02-401-160
180 mm – 7"	02-401-180
200 mm – 8"	02-401-200
230 mm – 9"	02-401-230

Verband- und Gipsscheren
Bandage scissors – Plaster shears

Ciseaux pour pansements et plâtres
Tijeras para vendajes y vendajes enyesados
Cesoie per bendaggi ed apparecchi gessati



ESMARCH

200 mm – 8 "	02-621-200
220 mm – 8 ¾ "	02-621-220



EXCENTRIC

160 mm – 6 ¼ "	02-637-160
190 mm – 7 ½ "	02-637-190

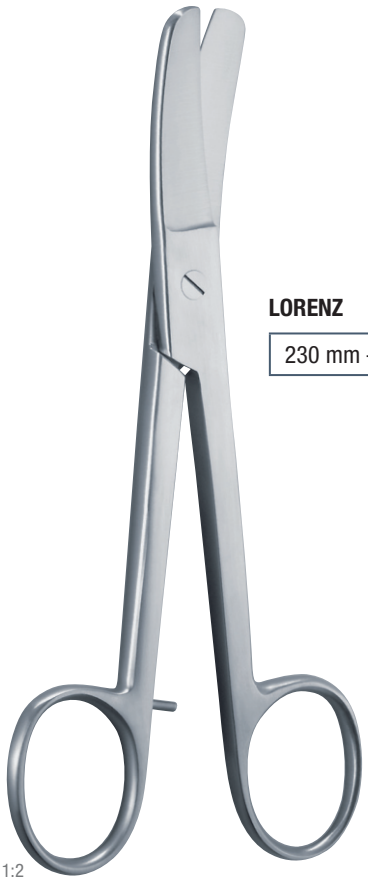
gezahnt
saw edge
dentelés
dentadas
dentata



1:2

BERGMANN

230 mm – 9 "	02-627-230



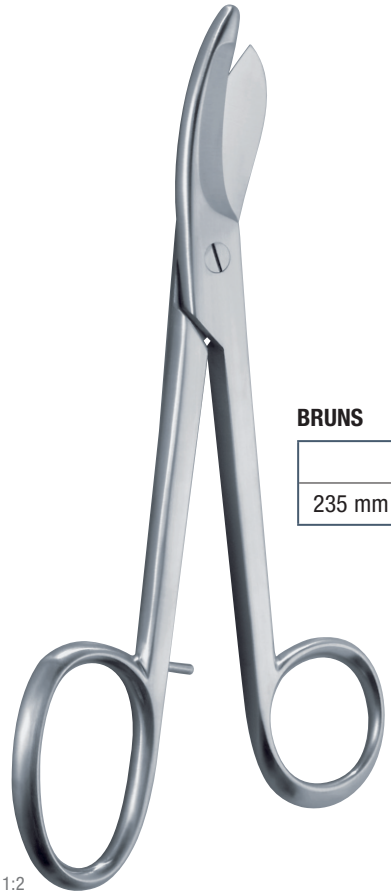
1:2

LORENZ

230 mm – 9 "	02-639-230

Gipsscheren
Plaster shears
Cisailles pour plâtre
Cizallas para vendajes enyesados
Cesoie per apparecchi gessati

TC


1:2


1:2


1:2


1:2

BRUNS

		TC	
235 mm – 9 ¼ "	02-402-230	02-645-230	02-403-230

gezahnt
saw edge
dentelés
dentadas
dentate


1:2

200 mm – 8 "	02-404-200


1:2

SEUTIN

230 mm – 9 "	02-646-230

Hautscheren – Nagelscheren
Cuticle scissors – Nail scissors
Ciseaux à envies – Ciseaux à ongles
Tijeras cuticulares – Tijeras para uñas
Forbici per unghie e cuticole



105 mm – 4 ¼ "	02-274-105	02-275-105
115 mm – 4 ½ "	02-274-115	02-275-115



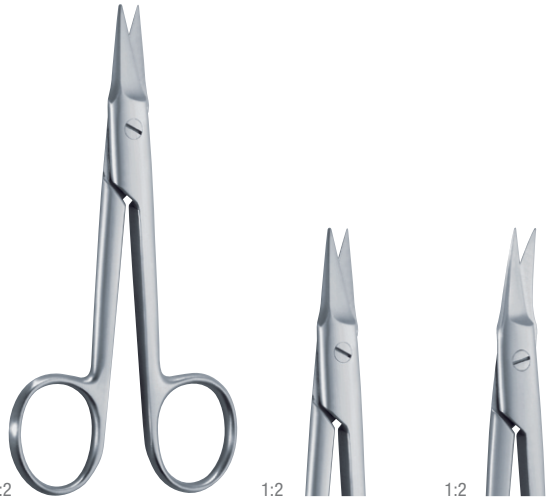
90 mm – 3 ½ "	02-280-090	02-281-090
100 mm – 4 "	02-647-100	02-648-100
110 mm – 4 ¼ "	02-647-110	02-648-110

Nagelspaltscheren
Nail splitting scissors

Ciseaux à ongles
Tijeras para uñas
Forbici per unghie



130 mm – 5 "	02-650-130
150 mm – 6 "	02-650-150



SYSTRUNK 1:2 1:2 1:2

130 mm – 5 "	02-651-130	02-652-130

Nagelzangen
Nail nippers

Pinces à ongles
Pinzas corta-uñas
Forbici e tronchesine per unghie



110 mm – 4¼"	02-653-110
130 mm – 5"	02-653-130
150 mm – 6"	02-653-150



140 mm – 5½"	02-443-140



140 mm – 5½"	02-444-140

TURNBULL



115 mm – 4½"	02-654-110
130 mm – 5"	02-448-130



115 mm – 4½"	02-445-115

COHEN



105 mm – 4¼"	02-446-105

» Pinzetten

» Forceps

» Pinces

» Pinzas

» Pinze

NJ ENTERPRISES



Pinzetten mit TC® Hartmetallschneiden *Forceps with TC® tungsten-carbide inserts*

Pinces avec inserts TC® de carbure de tungstène Pinzas con filo en TC® carburo de tungsteno Pinze con inserti al TC® carburo di tungsteno

TC



Sämtliche Pinzetten mit TC® Hartmetalleinlagen haben ein geschliffenes Profil.
Dadurch ist ein schonendes und sicheres Fassen von Gefäßen, Gewebe und Nahtmaterial gewährleistet.
Alle Hartmetallpinzetten sind zur Kennzeichnung am Federende vergoldet.

All forceps with TC® tungsten carbide inserts are provided with a ground profile ensuring vessels, tissues and suturing materials being seized firmly and gently.
To identify forceps bearing tungsten carbide inserts, their spring end is gold-plated.

Toutes les pinces munies de plaquettes TC® en carbure de tungstène ont le rectifié garantissant le saisissement sûr et soigneux de vaisseaux, tissus, et matériel à suturer.
Les pinces munies de plaquettes en carbure de tungstène se reconnaissent par la dorure du bout postérieur.

Todas las pinzas dotadas de plaquitas TC® de carburo de tungsteno tienen el perfil afilado asegurando la toma firme y cuidadosa de vasos, tejidos y materiales para suturar.
Pinzas con plaquitas de carburo de tungsteno se reconocen por la doradura de su parte trasera.

Tutti le pinze con inserti in carburo di tungsteno TC® (tungsten-carbide) assicurano una presa dell'ago sicura e forte, che previene la torsione dall'ago stesso. Le pinze con inserto in carburo di tungsteno sono riconoscibili per la doratura del manico o degli anelli.

Anatomische Pinzetten
Dressing forceps
Pinces à dissection
Pinzas de disección
Pinze anatomiche

TC



STANDARD

		TC	Titan		TC	Titan	
105 mm – 4 ¼ "	03-101-105			03-102-105			03-103-105
115 mm – 4 ½ "	03-101-115	03-104-115		03-102-115			03-103-115
130 mm – 5 "	03-101-130	03-104-130		03-102-130	03-105-130		03-103-130
145 mm – 5 ¾ "	03-101-145	03-104-145	11-020-145	03-102-145	03-105-145		03-103-145
150 mm – 6 "	03-101-150	03-104-150		03-102-150	03-105-150		03-103-150
160 mm – 6 ½ "	03-101-160	03-104-160		03-102-160	03-105-160		03-103-160
180 mm – 7 "	03-101-180	03-104-180	11-020-180	03-102-180	03-105-180	03-106-180	03-103-180
200 mm – 8 "	03-101-200	03-104-200		03-102-200	03-105-200		03-103-200
230 mm – 9 "	03-101-230	03-104-230		03-102-230	03-105-230		
250 mm – 10 "	03-101-250	03-104-250	11-020-240	03-102-250	03-105-250		03-103-250
300 mm – 12 "	03-101-300	03-104-300		03-102-300			03-103-300
350 mm – 14 "	03-101-350						
400 mm – 15 ¾ "	03-101-400						
				schmal narrow étroite estrecha strette	schmal narrow étroite estrecha strette	schmal narrow étroite estrecha strette	gebogen curved courbé curvo curvo

Anatomische Pinzetten
Dressing forceps

Pinces à dissection
Pinzas de disección
Pinze anatomiche



130 mm – 5 "	03-107-130
145 mm – 5 ¾ "	03-107-140
160 mm – 6 ¼ "	03-107-160
180 mm – 7 "	03-107-180

kreuzgerieft
cross serated
striée
estriada
zigrinato a croce

Mod. UsA



120 mm – 4 ¾ "	03-110-120	03-116-120
130 mm – 5 "	03-110-130	03-116-130
145 mm – 5 ¾ "	03-110-145	03-116-145
155 mm – 6 "	03-110-155	03-116-155
180 mm – 7 "	03-103-131	03-116-180
210 mm – 8 ¼ "	03-110-200	03-116-200
250 mm – 9 ¾ "	03-103-164	03-116-250
310 mm – 12 ¼ "	03-110-300	03-116-300

schmal
narrow
étroite
estrecha
strette

Anatomische Pinzetten
Dressing forceps
Pinces à dissection
Pinzas de disección
Pinze anatomiche

TC



STILLE

115 mm – 4 ½ "	03-128-115
130 mm – 5 "	03-128-130
150 mm – 6 "	03-128-150
170 mm – 6 ⅔ "	03-128-170
200 mm – 8 "	03-128-200
250 mm – 9 ¾ "	03-128-250

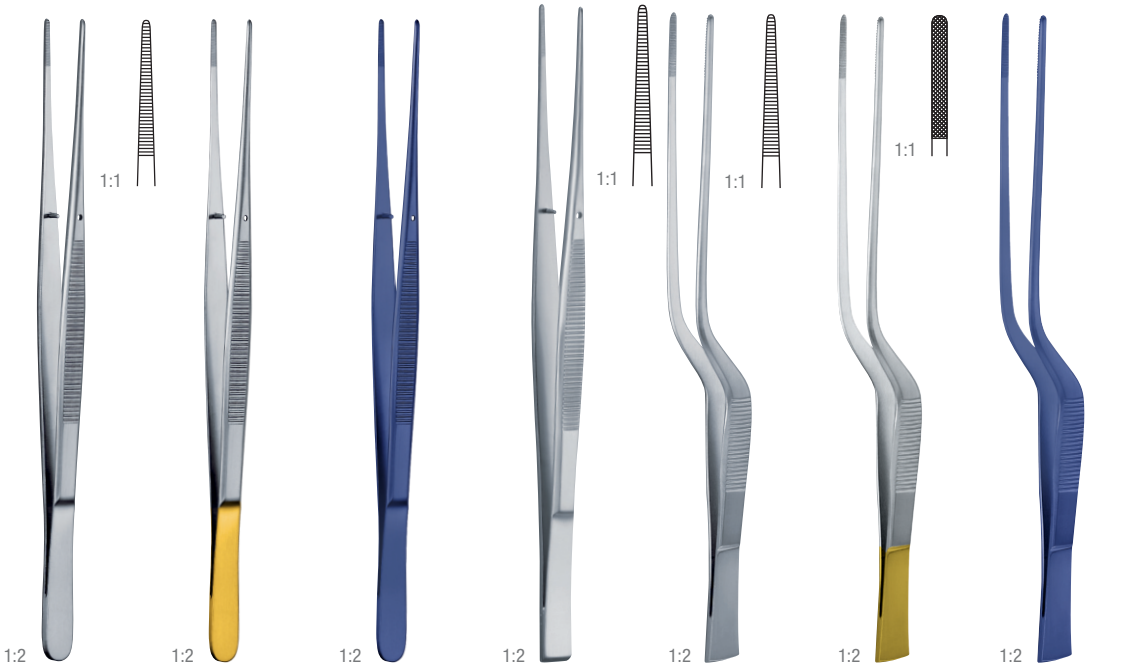


SEMKEN

		TC	Titan
125 mm – 5 "	03-130-125	03-131-125	03-132-125
155 mm – 6 "	03-130-155	03-131-150	

Anatomische Pinzetten
Dressing forceps
Pinces à dissection
Pinzas de disección
Pinze anatomiche

TC



TAYLOR

		TC	Titan			TC	Titan
175 mm – 7 "	03-135-175	03-136-175	03-137-175	03-138-175	03-139-185	03-224-185	03-141-185

Anatomische Pinzetten
Dressing forceps
Pinces à dissection
Pinzas de disección
Pinze anatomiche

TC



GERALD

		TC	Titan		
145 mm – 3 ¾ "					03-145-145
180 mm – 7 "	03-143-175	03-146-175	03-147-175	03-143-175	03-145-180
190 mm – 7 ½ "					03-145-190
230 mm – 9 "	03-143-230	03-146-230		03-143-230	
250 mm – 10 "	03-143-250			03-143-250	

Anatomische Pinzetten
Dressing forceps
Pinces à dissection
Pinzas de disección
Pinze anatomiche

TC



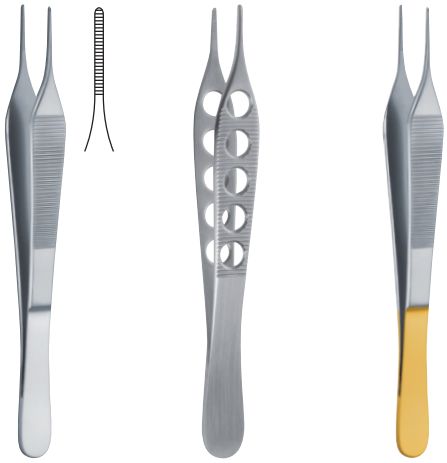
ADSON

		Light Weight	TC	Titan
120 mm – 4 ¾ "	03-150-120	03-150-120 LW	03-151-120	03-152-120
150 mm – 6 "	03-150-150		03-151-150	



HUDSON (EWALD)

120 mm – 4 ¾ "
03-149-120



MICRO-ADSON

		Light Weight	TC
120 mm – 4 ¾ "	03-153-120	03-153-120 LW	03-151-121
150 mm – 6 "	03-153-150		03-151-151



ADSON

120 mm – 4 ¾ "
03-150-121

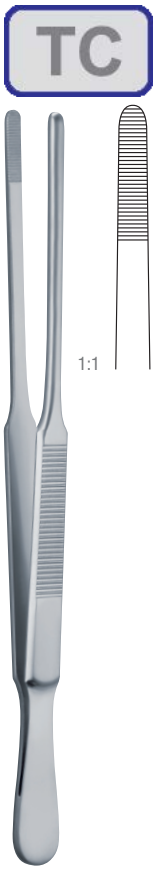
kreuzgerieft
cross serrated
striée
estriada
zigrinato a croce

Anatomische Pinzetten
Dressing forceps
Pinces à dissection
Pinzas de disección
Pinze anatomiche



CUSHING

		TC		TC
175 mm – 7 "	03-143-131	03-154-180	08-113-180	03-156-180



DUEHRSSEN

200 mm – 8 "	03-157-200



BROPHY

200 mm – 8 "	03-158-200	03-159-200

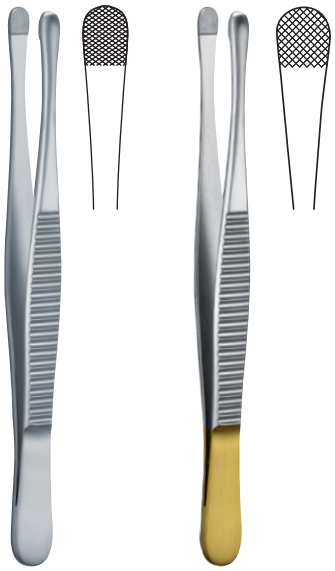


MCINDOE

		TC	Titan
150 mm – 6 "	03-160-150	03-161-150	03-162-150

Anatomische Pinzetten
Dressing forceps
Pinces à dissection
Pinzas de disección
Pinze anatomiche

TC



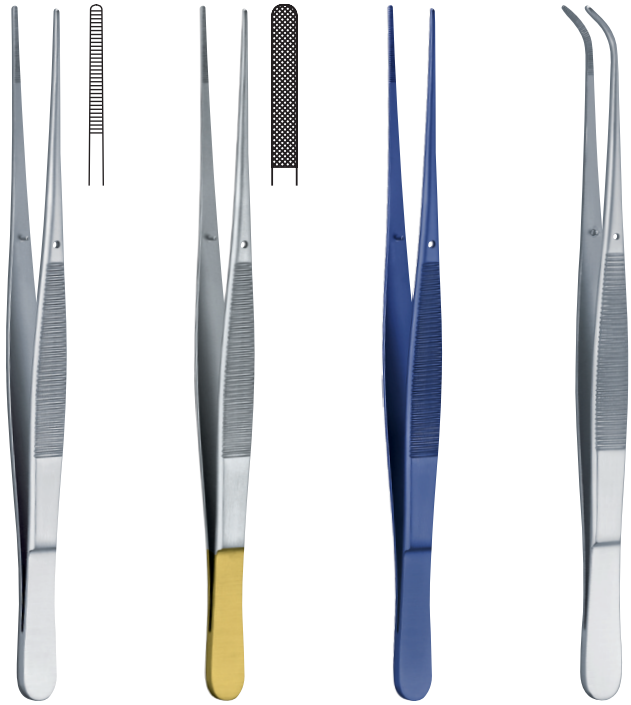
WANGENSTEEN

		TC
150 mm – 6 "	03-163-150	03-164-150
230 mm – 9 "	03-163-230	03-164-230
250 mm – 9 ¾ "		03-164-250
300 mm – 12 "	03-163-300	



WAUGH

150 mm – 6 "	03-165-150
180 mm – 7 "	03-165-180
200 mm – 8 "	03-165-200
250 mm – 9 ¾ "	03-165-250

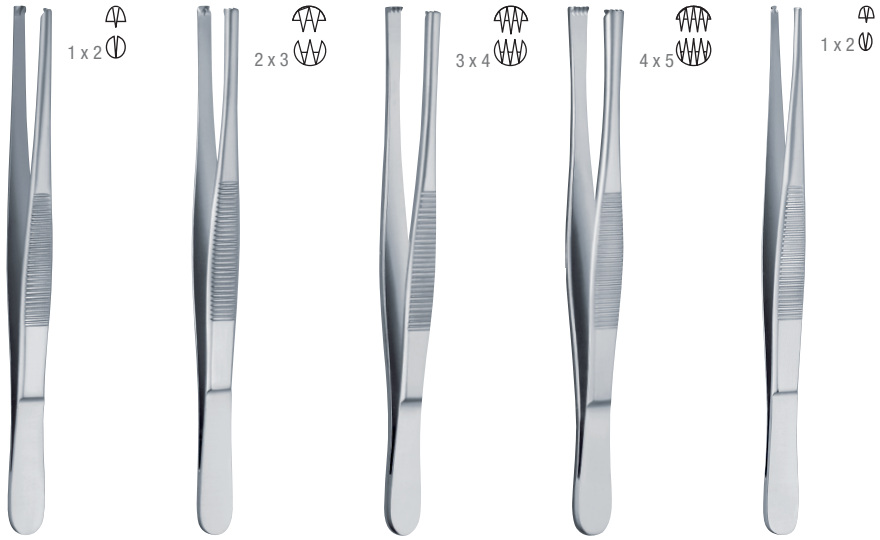


POTTS-SMITH

		TC	Titan	
150 mm – 6 "		03-168-150		
180 mm – 7 "	03-167-180	03-168-180	03-169-180	03-170-180
210 mm – 8 ¾ "	03-167-210	03-168-210	03-169-210	03-170-210
230 mm – 9 "	03-167-230	03-168-230		03-170-230
250 mm – 9 ¾ "	03-167-250	03-168-250	03-169-250	03-170-250
300 mm – 12 "	03-167-300	03-168-300		03-170-300

chirurgische Pinzetten
Tissue forceps

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



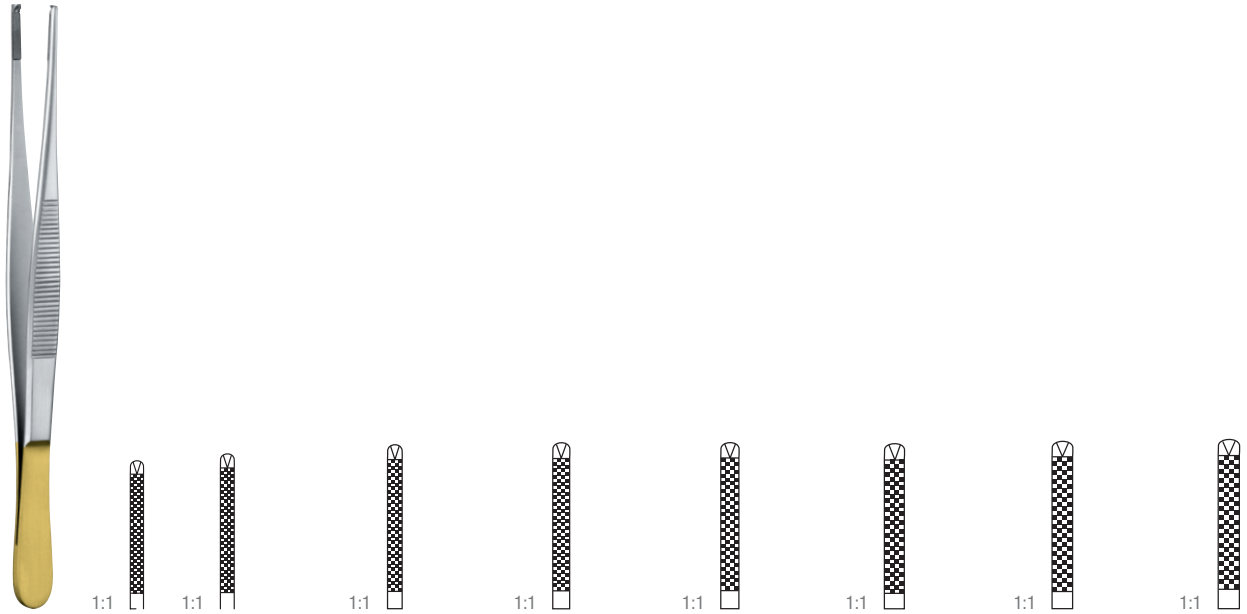
STANDARD

105 mm – 4 ¼ "	03-171-105	03-172-105			03-179-105
115 mm – 4 ½ "	03-171-115	03-172-115			03-179-120
130 mm – 5 "	03-171-130	03-172-130	03-173-130	03-174-130	03-179-130
145 mm – 5 ¾ "	03-171-145	03-172-145	03-173-145	03-174-145	03-179-145
150 mm – 6 "	03-171-150	03-172-150			03-179-150
160 mm – 6 ¼ "	03-171-160	03-172-150	03-173-160	03-174-160	03-179-160
180 mm – 7 "	03-171-180	03-172-180		03-174-180	03-179-180
200 mm – 8 "	03-171-200	03-172-200	03-173-200		03-179-200
250 mm – 9 ¾ "	03-171-250	03-172-250	03-173-250	03-174-250	03-179-250
300 mm – 12 "	03-171-300	03-172-300	03-173-300		03-179-300
350 mm – 14 "	03-171-350				
400 mm – 15 ¾ "	03-171-400				

schmal
narrow
étroite
estrecha
strette

chirurgische Pinzetten
Tissue forceps
Pinces à dissection à griffes
Pinzas de disección con dientes
Pinze chirurgiche

TC



TC	TC	TC	TC	TC	TC	TC	TC
115 mm – 4 ½ "	130 mm – 5 "	140 mm – 5 ½ "	160 mm – 6 "	180 mm – 7 "	200 mm – 8 "	250 mm – 9 ¾ "	300 mm – 12 "
03-180-115	03-180-130	03-180-145	03-180-160	03-180-180	03-180-200	03-180-250	03-180-300

Tissue forceps

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



MOD. USA

120 mm – 4¾"	03-182-120
130 mm – 5"	03-182-130
145 mm – 5¾"	03-182-145
155 mm – 6"	03-182-155
185 mm – 7"	03-182-180
210 mm – 8"	03-182-200
250 mm – 9¾"	03-182-250
310 mm – 12¼"	03-182-300



STILLE

130 mm – 5"	03-181-130	
150 mm – 6"	03-181-150	03-181a-150
170 mm – 6¾"	03-181-170	03-181a-170
200 mm – 8"	03-181-200	



STONE 1:2

150 mm – 6"
03-183-150



LERCHE 1:2

150 mm – 6"
03-184-150

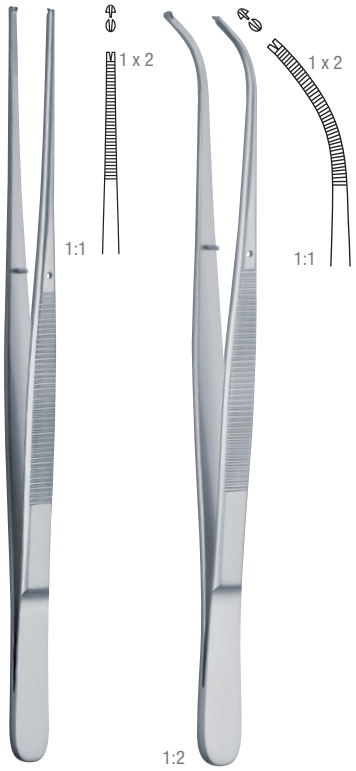


ADLERKREUTZ

130 mm – 5"		03-186-130
145 mm – 5¾"	03-185-145	03-186-145
150 mm – 6"	03-185-150	03-186-150
180 mm – 7"		03-186-180
200 mm – 8"	03-185-200	03-186-200
250 mm – 9¾"	03-185-250	03-186-250
300 mm – 12"	03-185-300	

chirurgische Pinzetten
Tissue forceps

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



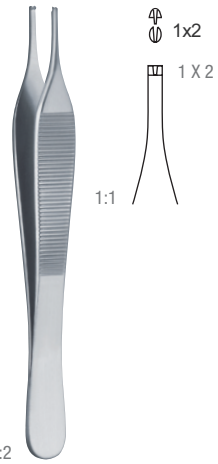
BROPHY

200 mm – 8 "	03-187-200	08-327-200



POTTS-SMITH

180 mm – 7 "	03-188-180	03-190-180
210 mm – 8 ¼ "	03-188-210	03-190-210
250 mm – 9 ¾ "	03-188-250	03-190-250
300 mm – 12 "	03-188-300	03-190-300
350 mm – 14 "	03-188-350	

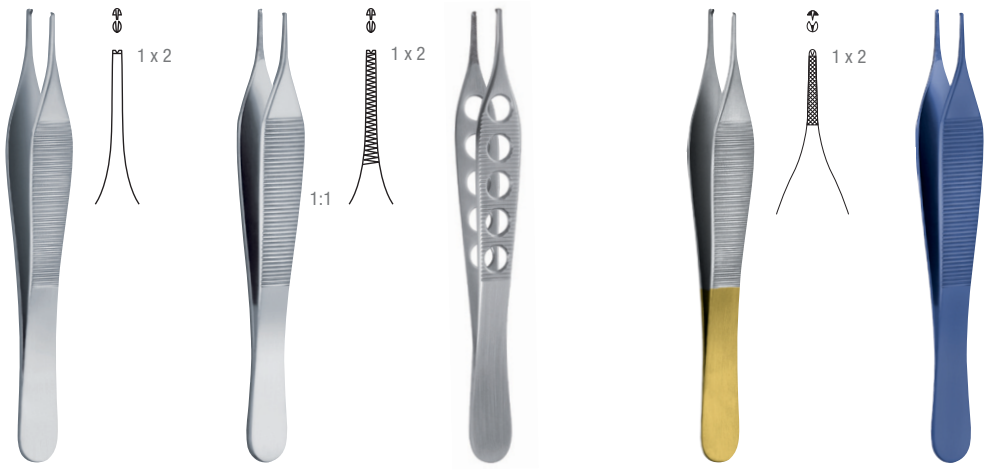


HUDSON (EWALD)

120 mm – 4 "	03-191-120

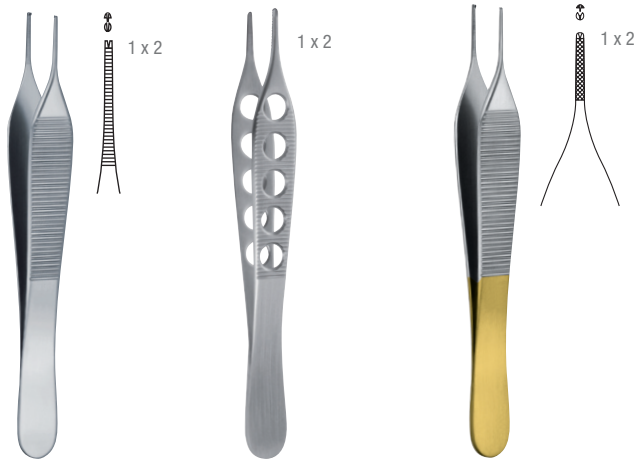
chirurgische Pinzetten
Tissue forceps
Pinces à dissection à griffes
Pinzas de disección con dientes
Pinze chirurgiche

TC



ADSON

			Light Weight	TC	Titan
120 mm – 4 ¾ "	03-192-120	03-193-120	03-192-120 LW	03-194-120	03-195-120
150 mm – 6 "	03-192-150			03-194-150	



ADSON-MICRO

		Light Weight	TC
120 mm – 4 ¾ "	03-196-120	03-196-120 LW	03-197-120
150 mm – 6 "	03-196-150		03-197-150



ADSON-GRAEFE

120 mm – 4 ¾ "
03-198-120

chirurgische Pinzetten
Tissue forceps
Pinces à dissection à griffes
Pinzas de disección con dientes
Pinze chirurgiche

TC

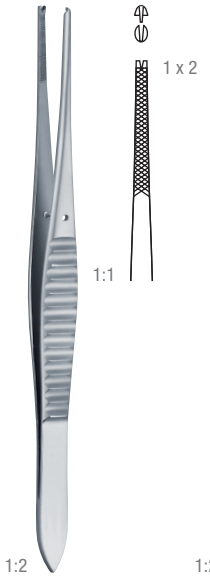


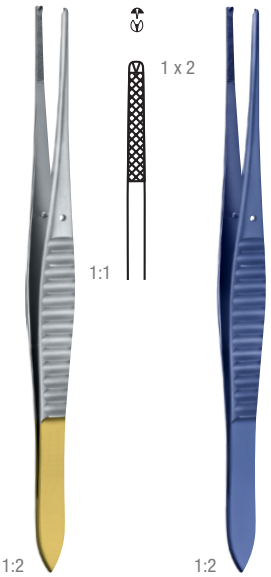
ADSON-BROWN

		Light Weight	TC	Titan	
120 mm – 4 ¾"	03-199-120	03-199-120 LW	03-200-120	03-202-120	03-199-121
150 mm – 6"	03-199-150		03-201-150		03-199-151

chirurgische Pinzetten
Tissue forceps
Pinces à dissection à griffes
Pinzas de disección con dientes
Pinze chirurgiche

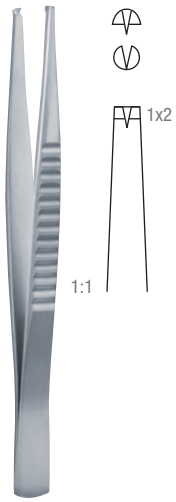
TC





GILLIES

		Light Weight	TC	Titan
150 mm – 6 "	03-203-150	03-203-150 LW	03-204-150	03-205-150



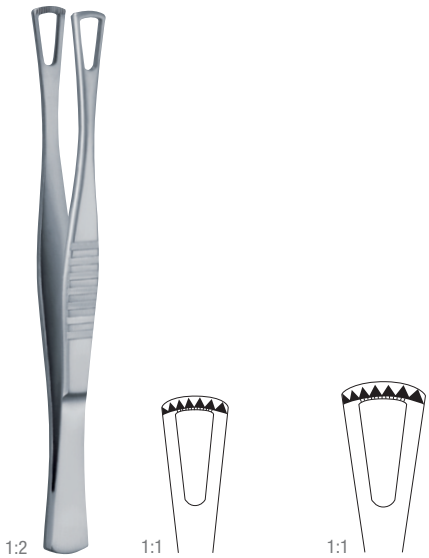
TREVES

125 mm – 5 "	03-206-130



SEMKEN

125 mm – 5 "	03-207-125
150 mm – 6 "	03-207-155

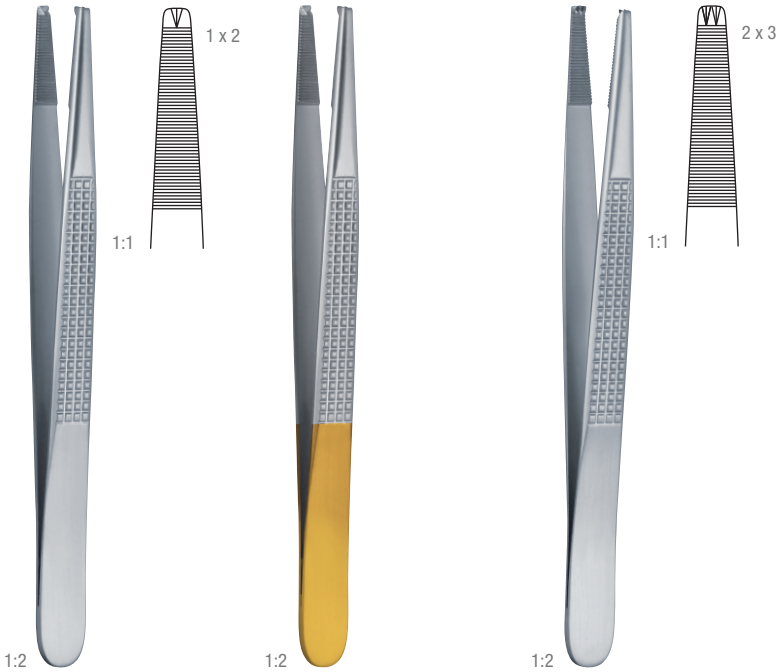


DUVAL

145 mm – 5 ¾ "	145 mm – 5 ¾ "
03-208-001	03-208-002

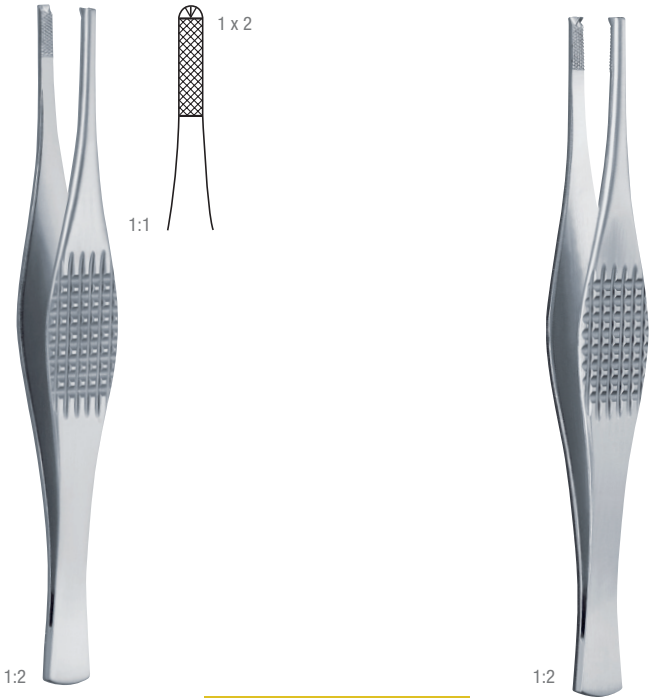
chirurgische Pinzetten
Tissue forceps
Pinces à dissection à griffes
Pinzas de disección con dientes
Pinze chirurgiche

TC



BONNEY

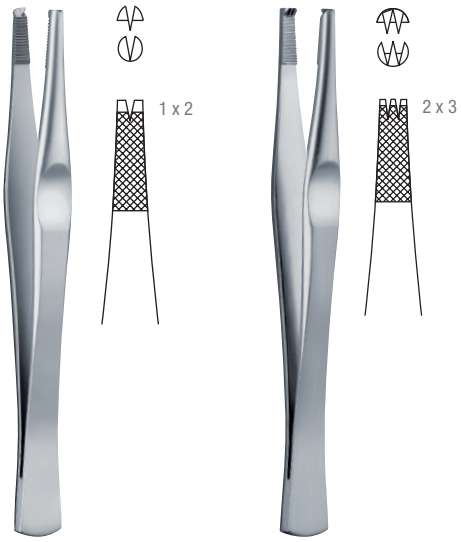
		TC	
175 mm – 7 "	03-209-180	03-209-180	03-210-180



FERRIS-SMITH

		TC		TC
180 mm – 7 "	03-211-180	03-212-180	03-213-180	03-214-180

chirurgische Pinzetten
Tissue forceps
Pinces à dissection à griffes
Pinzas de disección con dientes
Pinze chirurgiche



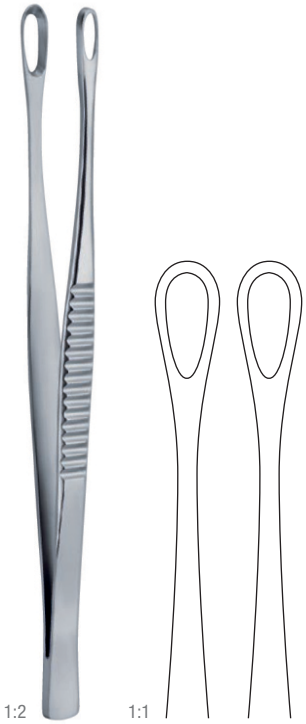
LANE

145 mm – 5 ½ "	03-215-145	03-216-145
180 mm – 7 "	03-215-180	03-216-180
200 mm – 8 "	03-215-200	03-216-200



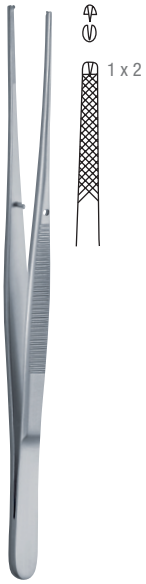
BROWN

150 mm – 6 "	03-217-150
200 mm – 8 "	03-217-200
250 mm – 9 ¾ "	03-217-250



DENIS BROWNE

190 mm – 7 ½ "	03-219-190



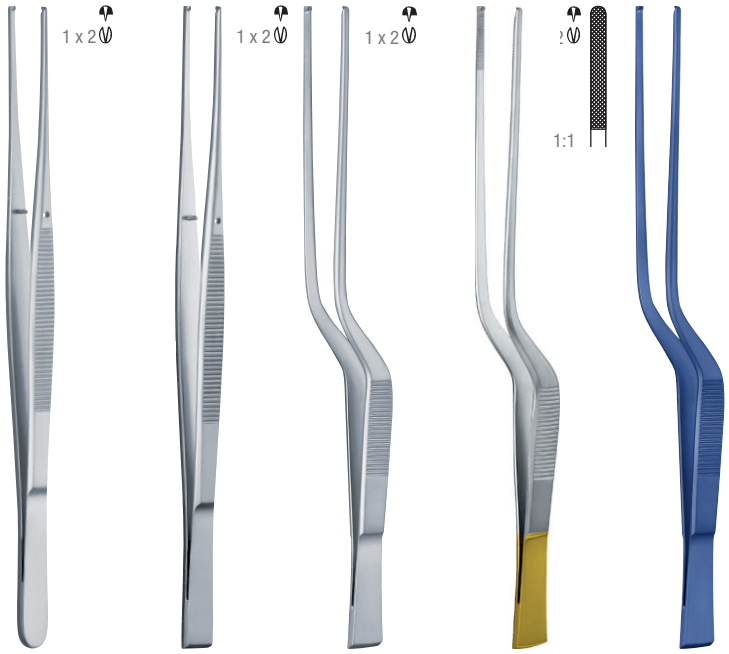
WAUGH

150 mm – 6 "	03-218-150
180 mm – 7 "	03-218-180
200 mm – 8 "	03-218-200
250 mm – 9 ¾ "	03-218-250
300 mm – 12 "	03-218-300

chirurgische Pinzetten
Tissue forceps
Pinces à dissection à griffes
Pinzas de disección con dientes
Pinze chirurgiche

TC



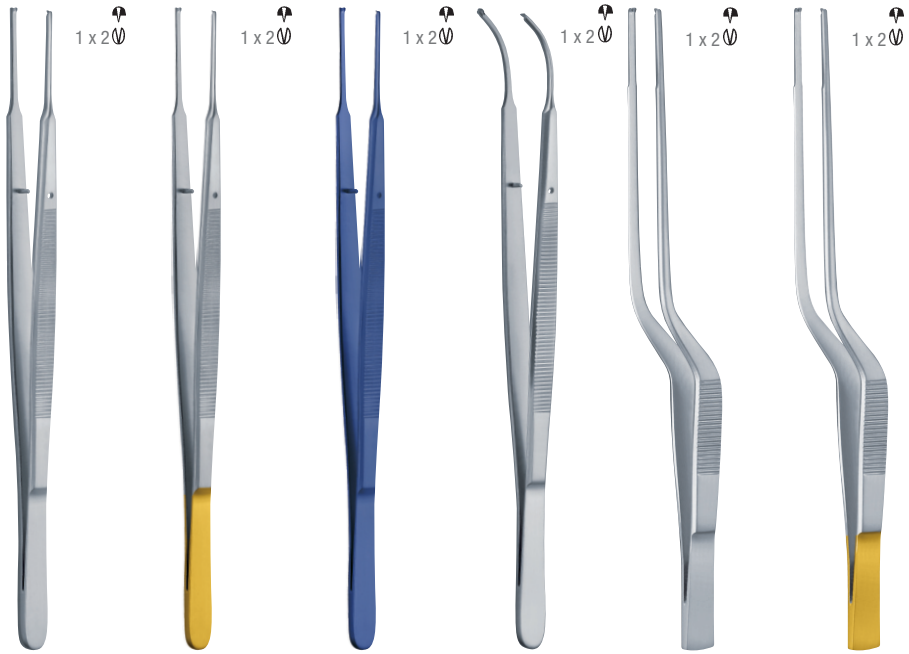


STILLE-BARRAYA

145 mm – 5 ½ "	03-220-145
160 mm – 6 ¼ "	03-220-160
180 mm – 7 "	03-220-180
200 mm – 8 "	03-220-200
250 mm – 9 ¾ "	03-220-250

TAYLOR

				TC	Titan
175 mm – 7 "	03-221-175	03-222-175	03-223-175		03-225-185
180 mm – 7 "				03-224-185	

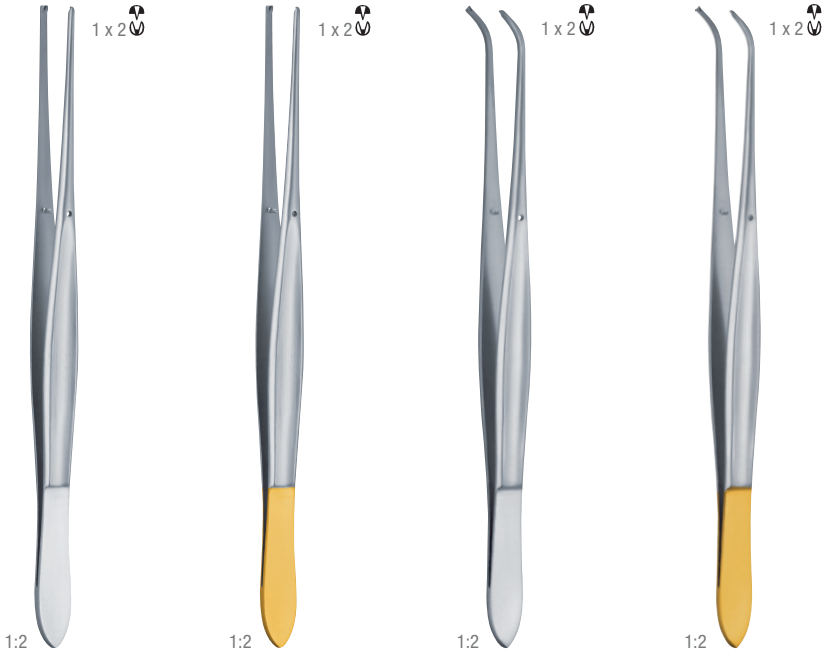


GERALD

		TC	Titan			TC
170 mm – 6 ¾ "	03-226-175	03-227-175	03-228-175	03-229-175		
180 mm – 7 "					03-230-175	03-231-185
230 mm – 5 "	03-226-230					

chirurgische Pinzetten
Tissue forceps
Pinces à dissection à griffes
Pinzas de disección con dientes
Pinze chirurgiche

TC



CUSHING

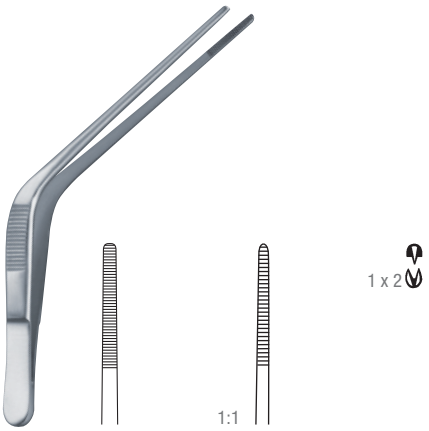
		TC		TC
170 mm – 6 ¾ "	03-232-180	03-233-180	03-234-180	03-235-180

ohr- und nasenpinzetten
Ear and nose dressing forceps
Pinces auricolaires et nasaux
Pinzas auriculares y nasales
Pinze auricolari e nasali



TROELTSCH

150 mm – 6 "	03-236-150	08-859-150
180 mm – 7 "	03-236-170	08-859-170



TROELTSCH (WILDE)

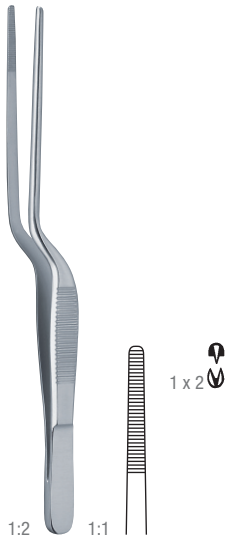
110 mm – 4 ¼ "	03-237-110		03-239-110
120 mm – 4 ¾ "	03-238-120	03-238-120/1	03-239-120

gekreuzt
cross action
croisé
cruzado
crociato



105 mm – 4 ¼ "
03-240-110

Columella Pinzette
Columella forceps
Pince à columella
Pinza para columella
Pinze per columella



LUCAE

140 mm – 5 ½ "	140 mm – 5 ½ "
03-241-140	03-242-140



JANSEN / GRÜNW ALD

160 mm – 6 ¼ "	03-243-160
195 mm – 7 ⅔ "	03-244-190
210 mm – 8 ¼ "	03-244-210



JANSEN / GRÜNW ALD

160 mm – 6 ¼ "	03-245-160
195 mm – 7 ⅔"	03-246-190
210 mm – 8 ¼ "	03-246-210



COTTLE

145 mm – 5 ¾ "
03-247-145

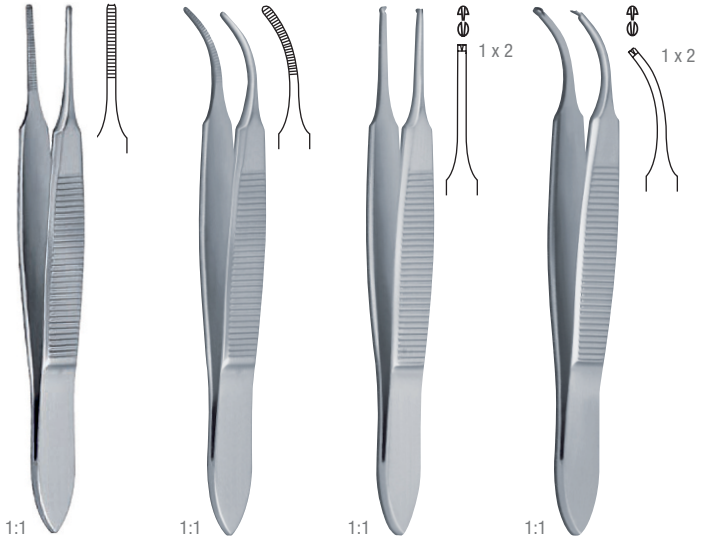
irispinzetten
Iris forceps
Pinces à iridectomie
Pinzas para Iris
Pinze per iridectomia



GRAEFE

105 mm – 4 ¼ "	0.5 mm	03-248-005	03-249-005	03-250-005	03-252-005	03-255-005	03-259-005
105 mm – 4 ¼ "	0.7 mm	03-248-007	03-249-007	03-250-007	03-252-007	03-255-007	03-259-007
105 mm – 4 ¼ "	1.5 mm	03-248-010	03-249-010	03-250-010	03-252-010	03-255-010	03-259-010

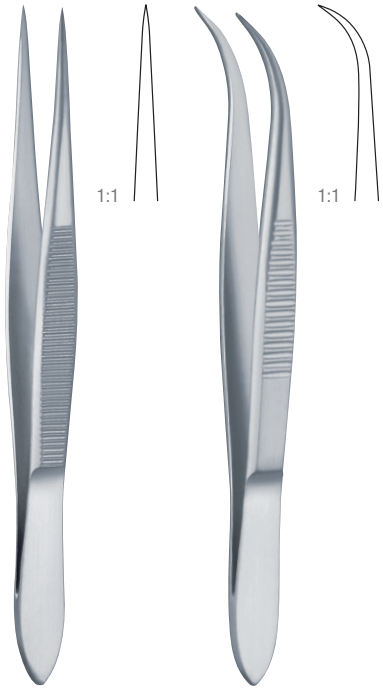
Spitze
tip
la pointe
la punta
la punta



GRAEFE

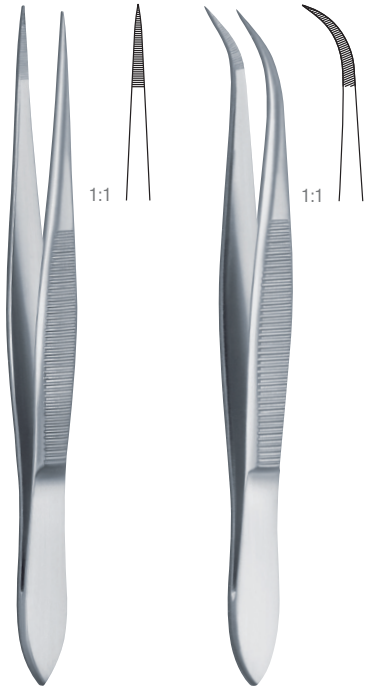
	70 mm – 2 ¾ "	70 mm – 2 ¾ "	70 mm – 2 ¾ "	70 mm – 2 ¾ "
0.5 mm	03-260-005	03-261-005	03-264-005	03-265-005
0.7 mm	03-260-007	03-261-007	03-264-007	03-265-007
1.0 mm	03-260-010	03-261-010	03-264-010	03-265-010

Feine Pinzetten
Forceps – fine patterns
Pinces – modèles fines
Pinzas – modelos finos
Pinze – modelli fini



80 mm – 3 "	03-270-080	08-451-080
90 mm – 3 ½ "	03-270-090	08-451-090
105 mm – 4 ¼ "	03-270-105	08-451-105
115 mm – 4 ½ "	03-270-115	08-451-115
130 mm – 5 "	03-270-130	08-451-130
145 mm – 5 ⅔ "	03-270-145	08-451-145

glatt
smooth
lisse
lisa
liscio



80 mm – 3 "	03-272-080	03-273-080
90 mm – 3 ½ "	03-272-090	03-273-090
105 mm – 4 ¼ "	03-272-105	03-273-105
115 mm – 4 ½ "	03-272-115	03-273-115
125 mm – 5 "	03-272-130	03-273-130
145 mm – 5 ⅔ "	03-272-145	03-273-145
160 mm – 6 ⅓"	03-272-160	
180 mm – 7 "	03-272-180	

gerieft
serrated
striée
estriada
zigrinato

fasspinzetten
Grasping forceps
Pinces à saisir
Pinzas para coger
Pinze da presa



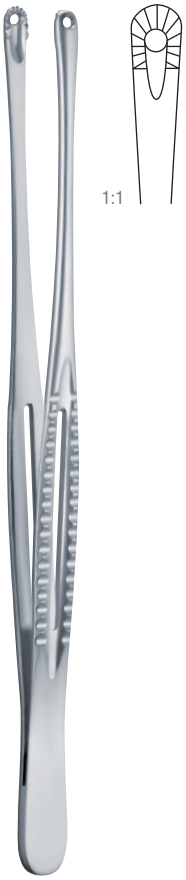
DURANTE

145 mm – 5 ¾ "	03-274-145
160 mm – 6 ¼ "	03-274-160
200 mm – 8 "	03-274-200
250 mm – 9 ¾ "	03-274-250



RUSS. MODELL

150 mm – 6 "	03-275-150
200 mm – 8 "	03-275-200
250 mm – 9 ¾ "	03-275-250
300 mm – 11 ¾ "	03-275-300
350 mm – 13 ¾ "	03-275-350



MAYO-RUSS. 1:2

230 mm – 9 "
03-276-230



NELSON

150 mm – 6 "	03-276-150
180 mm – 7 "	03-276-180
200 mm – 8 "	03-276-200
230 mm – 9 "	03-276-230



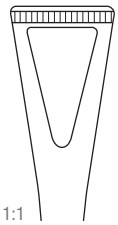
SINGLEY-TUTTLE

150 mm – 6 "	03-277-150
180 mm – 7 "	03-277-180
230 mm – 9 "	03-277-230
250 mm – 14 "	03-277-250
300 mm – 11 ¾ "	03-277-300

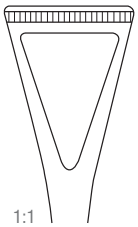


COLLIN-DUVAL

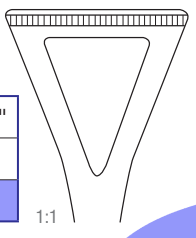
200 mm – 8 "
x = 14 mm
03-280-014



200 mm – 8 "
x = 18 mm
03-280-018



200 mm – 8 "
x = 27 mm
03-280-027



splitterpinzetten
Splinter forceps
Pinces à échardes
Pinzas para espinas
Pinze fini per schegge



FEILCHENFELD

80 mm – 3 "	03-281-080
90 mm – 3 ½ "	03-281-090
115 mm – 4 ½ "	03-281-115



HUNTER

105 mm – 4 ¼ "	03-282-105	03-283-105

splitterpinzetten
Splinter forceps
Pinces à échardes
Pinzas para espinas
Pinze fini per schegge



WALTER-CARMALT

105 mm – 4 ¼ "	03-286-105	03-287-105



80 mm – 3 ¼ "	03-272-115L



100 mm – 4 "	03-288-105
125 mm – 5 "	03-288-130

cilienpinzetten
Cilia forceps
Pinces à épiler
Pinzas depilatorias
Pinze per depilazione



BEER 1:1

90 mm –3 ½ "	
03-290-090	



DOUGLAS

90 mm – 3 ½ "	03-291-090	03-292-090



LITT AUER 1:1 1:1

85 mm – 3 ¼ "	03-293-135	
90 mm – 3 ½ "		03-294-090



GRADLE 1:1

95 mm –3 ¾ "
03-295-100

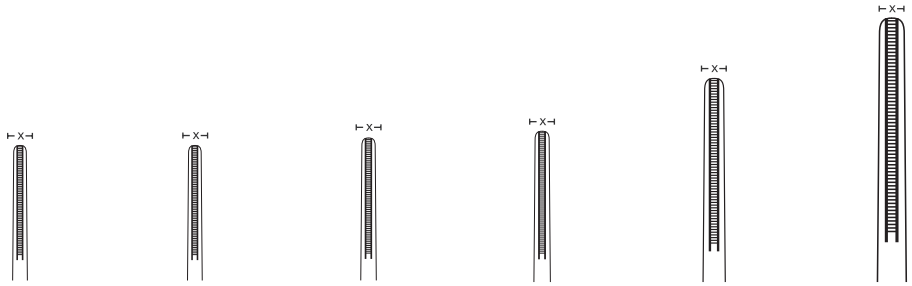


BARRAQUER 1:1

105 mm–4 ¼ "
03-296-105

Atraumatische Pinzetten
Atraumatic tissue forceps
Pinces atraumatiques
Pinzas de disección atraumáticas
Pinze per dissezione atraumatiche

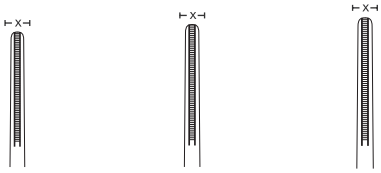
TC



DE BAKEY

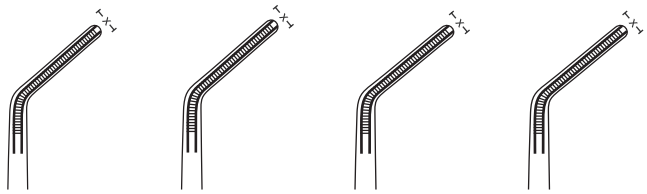
	Atrauma	Atrauma	Atrauma	Atrauma	Atrauma	Atrauma
	x = 1.0 mm	x = 1.2 mm	x = 1.5 mm	x = 2.0 mm	x = 2.8 mm	x = 3.5 mm
150 mm – 6 "	03-297-150	03-298-150	03-300-150	03-306-150	03-310-150	03-316-150
200 mm – 8 "	03-297-200	03-298-200	03-300-200	03-306-200	03-310-200	03-316-200
240 mm – 9 ½ "	03-297-240	03-298-240	03-300-240	03-306-240	03-303-370	03-316-240
300 mm – 12 "		03-298-300	03-300-300	03-306-300	03-310-300	03-316-300
350 mm – 13 ¾ "				03-306-350	03-310-350	03-316-350
380 mm – 15 "					03-310-380	03-316-380
400 mm – 15 ¾ "					03-310-400	





DE BAKEY

	Light Weight	Light Weight	Light Weight
	x = 1.2 mm	x = 1.5 mm	x = 2.0 mm
150 mm – 6 "	03-297-150 LW		03-306-150 LW
200 mm – 8 "		03-297-200 LW	
240 mm – 9 ½ "		03-297-240 LW	
300 mm – 12 "		03-297-300 LW	

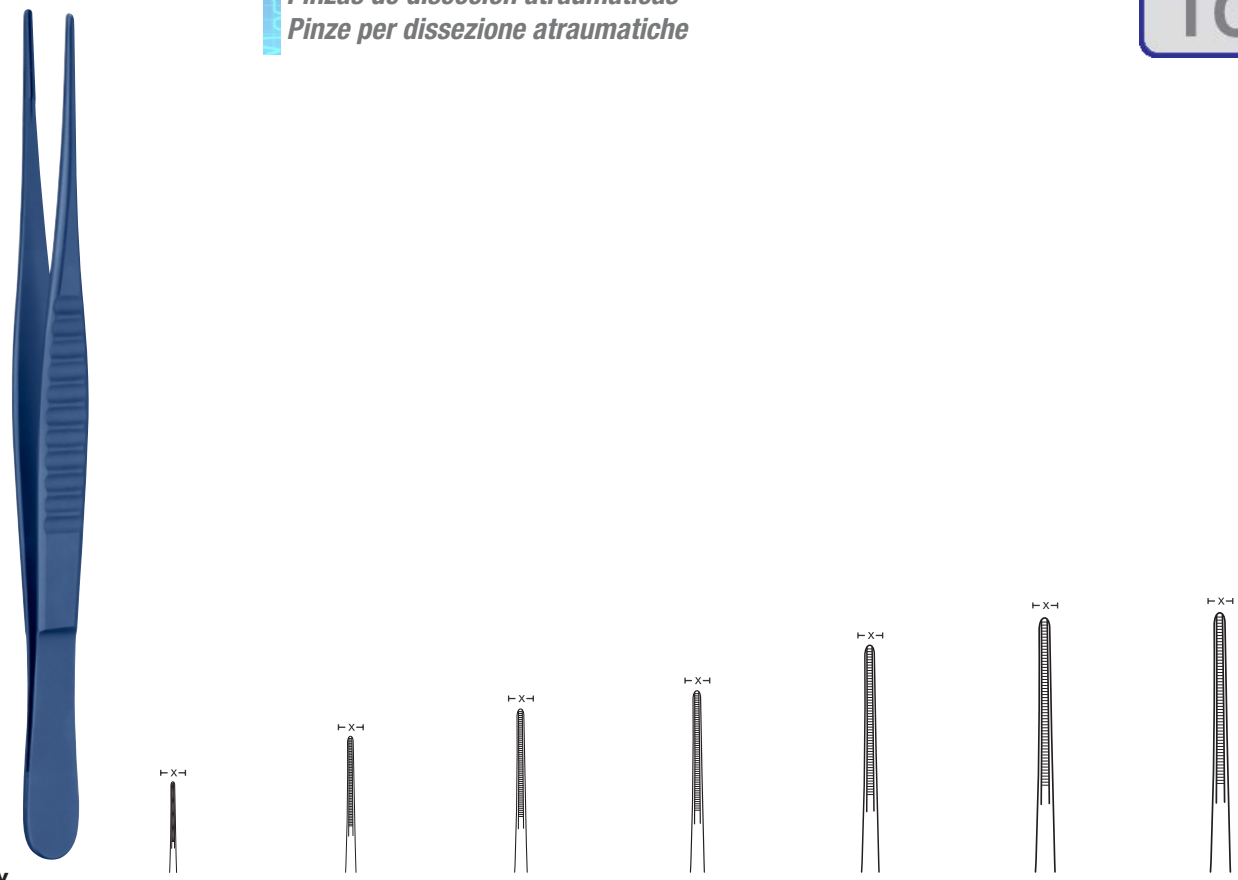


DE BAKEY

	Atrauma	Atrauma	Atrauma	Light Weight
	x = 1.5 mm	x = 2.0 mm	x = 3.5 mm	x = 2.0 mm
150 mm – 6 "	03-323-150	03-325-150	03-327-150	03-325-150 LW
200 mm – 8 "		03-325-200	03-327-200	
240 mm – 9 ½ "		03-325-240	03-327-240	
300 mm – 12 "		03-325-300	03-327-300	

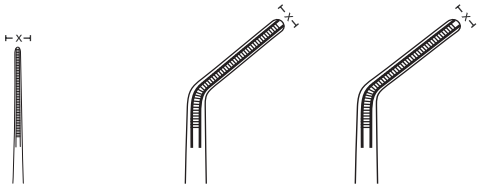
Atraumatische Pinzetten
Atraumatic tissue forceps
Pinces atraumatiques
Pinzas de disección atraumáticas
Pinze per dissezione atraumatiche

TC



DE BAKEY

	Titan / Atrauma	Titan / Atrauma	Titan / Atrauma	Titan / Atrauma	Titan / Atrauma	Titan / Atrauma	Titan / Atrauma
	x = 1.0 mm	x = 1.5 mm	x = 1.8 mm	x = 2.0 mm	x = 2.5 mm	x = 2.8 mm	x = 3.5 mm
150 mm – 6 "	03-330-150	03-340-150	03-342-150	03-346-150	03-348-150	03-350-150	03-356-150
200 mm – 8 "	03-330-200	03-340-200	03-342-200	03-346-200	03-348-200	03-350-200	03-356-200
240 mm – 9 ½ "	03-330-240	03-340-240	03-342-240	03-346-240	03-348-240	03-350-240	03-356-240
300 mm – 12 "				03-346-300	03-348-300	03-350-300	03-356-300
350 mm – 13 ¾ "							03-356-350

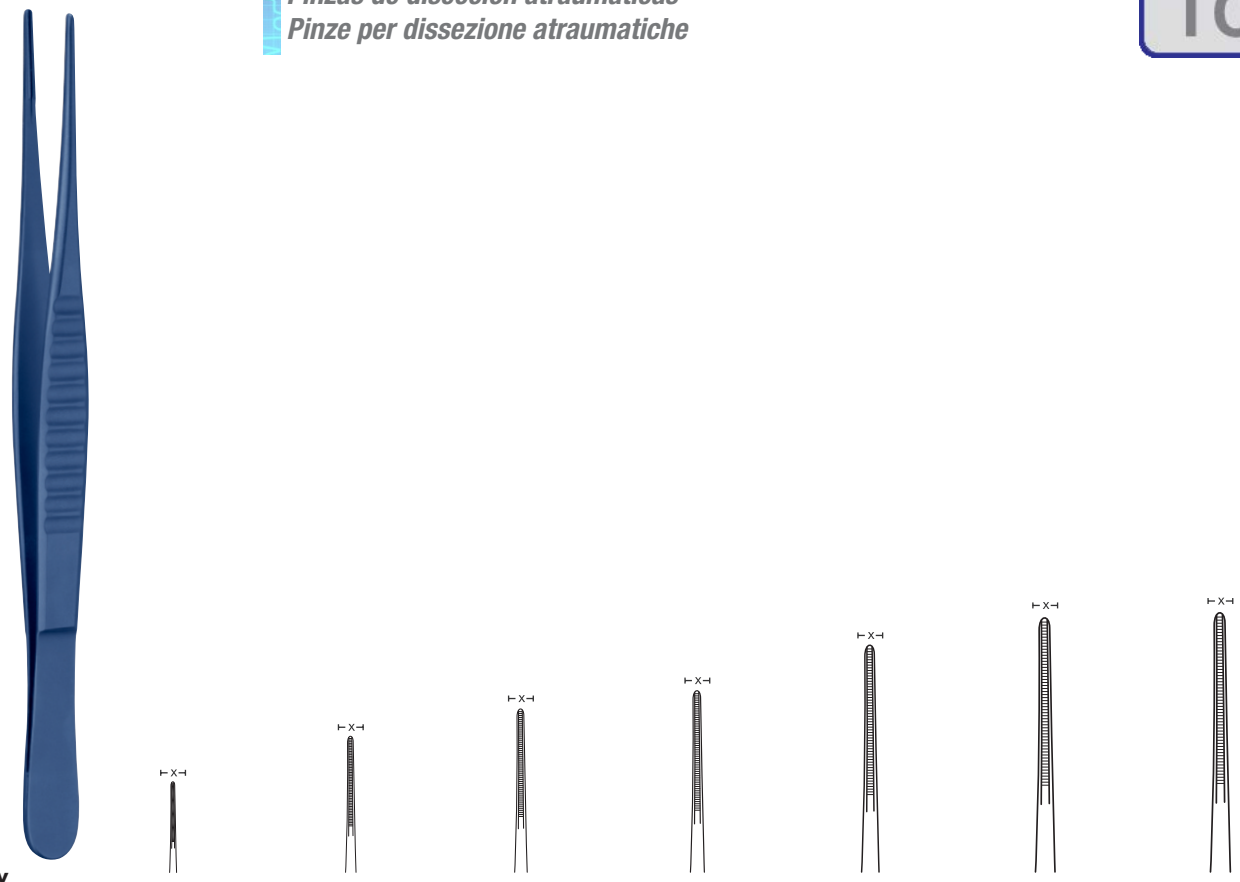


DE BAKEY

	Titan / Atrauma	Titan / Atrauma	Titan / Atrauma
	x = 1.5 mm	x = 2.0 mm	x = 2.4 mm
160 mm – 6 ¼ "	03-362-150	03-365-150	
200 mm – 8 "	03-362-200	03-365-200	03-367-200
240 mm – 9 ½ "		03-365-240	
300 mm – 12 "		03-365-300	

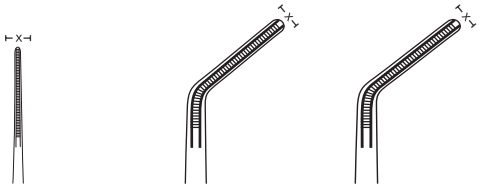
Atraumatische Pinzetten
Atraumatic tissue forceps
Pinces atraumatiques
Pinzas de disección atraumáticas
Pinze per dissezione atraumatiche

TC



DE BAKEY

	Titan / Atrauma	Titan / Atrauma	Titan / Atrauma	Titan / Atrauma	Titan / Atrauma	Titan / Atrauma	Titan / Atrauma
	x = 1.0 mm	x = 1.5 mm	x = 1.8 mm	x = 2.0 mm	x = 2.5 mm	x = 2.8 mm	x = 3.5 mm
150 mm – 6 "	03-380-150	03-390-150	03-392-150	03-396-150	03-398-150	03-400-150	03-406-150
200 mm – 8 "	03-380-200	03-390-200	03-392-200	03-396-200	03-398-200	03-400-200	03-406-200
240 mm – 9 ½ "	03-380-240	03-390-240	03-392-240	03-396-240	03-398-240	03-400-240	03-406-240
300 mm – 12 "				03-396-300	03-398-300	03-400-300	03-406-300
350 mm – 13 ¾ "							03-406-350



DE BAKEY

	Titan / Atrauma	Titan / Atrauma	Titan / Atrauma
	x = 1.5 mm	x = 2.0 mm	x = 2.4 mm
160 mm – 6 ¼ "	03-412-150	03-415-150	
200 mm – 8 "	03-412-200	03-415-200	03-417-200
240 mm – 9 ½ "		03-415-240	
300 mm – 12 "		03-415-300	

Atraumatische Pinzetten
Atraumatic tissue forceps
Pinces atraumatiques
Pinzas de disección atraumáticas
Pinze per dissezione atraumatiche

TC



DE BAKEY

	TC / Atrauma	TC / Atrauma	TC / Atrauma	TC / Atrauma	TC / Atrauma
	x = 1.5 mm	x = 2.0 mm	x = 2.4 mm	x = 2.7 mm	x = 3.5 mm
150 mm – 6 "	03-368-150	03-370-150	03-372-150	03-374-150	03-376-150
200 mm – 8 "	03-368-200	03-370-200	03-372-200	03-374-200	03-376-200
240 mm – 9 ½ "	03-368-240	03-370-240	03-372-240	03-374-240	03-376-240
300 mm – 12 "		03-370-300			

» Arterienklemmen

» Haemostatic forceps

» Pinces hémostatiques

» Pinzas hemostáticas

» Pinze emostatiche

NJ ENTERPRISES

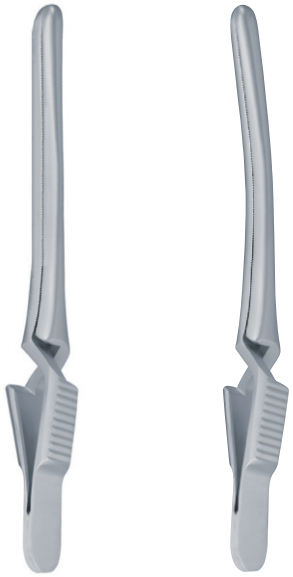


Gefäßklemmen
Haemostatic forceps
Serre-fines
Serrafinas
Serrafine



DIEFFENBACH

35 mm – 1 ½"	04-101-035	04-102-035
50 mm – 2"	04-101-050	04-102-050
60 mm – 2 ¼"	04-101-060	04-102-060



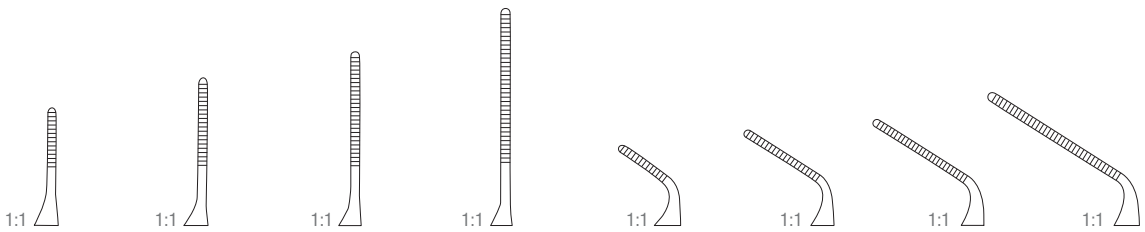
JOHNS-HOPKINS

38 mm – 1 ½"	04-106-038	04-107-038
51 mm – 2"	04-106-051	04-107-051
57 mm – 2 ¼"	04-106-057	04-107-057
63 mm – 2 ½"	04-106-063	04-107-063
70 mm – 2 ¾"	04-106-070	04-107-070
75 mm – 3"	04-106-075	04-107-075
90 mm – 3 ½"	04-106-090	04-107-090

gerade	gebogen
straight	curved
droit	courbe
recta	curva
retto	curvo



DIETHRICH



x =	50 mm – 2"	50 mm – 2"	50 mm – 2"	60 mm – 2 ¼"	50 mm – 2"	50 mm – 2"	50 mm – 2"	60 mm – 2 ¼"
y =	8 mm	12 mm	16 mm	20 mm	8 mm	12 mm	16 mm	20 mm
	04-110-008	04-110-012	04-110-016	04-110-020	04-111-008	04-111-012	04-111-016	04-111-020

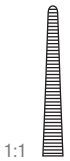
x = Länge	y = geriefte Maullänge
x = Length	y = serrated jaw part
x = Longueur	y = partie striée du mors
x = longitud	y = boca aserrada
x = Lunghezza	y = morso zigrinato

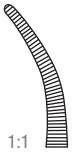
Arterienklemmen
Haemostatic forceps
Pinces hémostatiques
Pinzas hemostáticas
Pinze emostatiche

TC



HARTMANN





100 mm – 4 "	04-112-100	13-021-100



Terrier



85 mm – 3 ¾ "	04-114-080

1 x 2



HALSTED-MOSQUITO





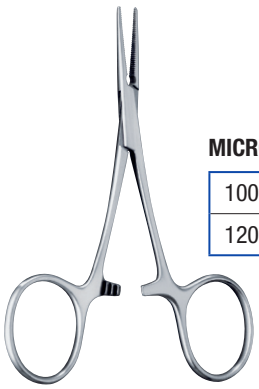




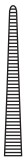
125 mm – 5 "	04-115-125	04-116-125	04-118-125	04-119-125
140 mm – 5 ½ "	04-115-140	04-116-140	04-118-140	04-119-140
			1 x 2	1 x 2

	Titan	**Titan**	**Titan**	**Titan**
125 mm – 5 "	04-120-120	04-121-120	04-122-120	04-123-120
			1 x 2	1 x 2

Arterienklemmen
Haemostatic forceps
Pinces hémostatiques
Pinzas hemostáticas
Pinze emostatiche



MICRO-MOSQUITO






100 mm – 4 "	13-028-100	13-029-100	13-030-100	13-031-100
120 mm – 4 ¾ "	13-028-120	13-029-120	13-030-120	13-031-120
			1 x 2	1 x 2



DANDY




130 mm – 4 "	04-130-130	
140 mm – 5 ½ "	04-130-140	04-131-140
		1 x 2

seitlich gebogen
curved to the side
courbe sur le plat
curva al lado
curvata lateralmente



1:2

MOSQUITO-DAND Y



1:1

120 mm – 4 ¾ "	04-132-120

seitlich gebogen
curved to the side
courbe sur le plat
curva al lado
curvata lateralmente



1:2

PROVIDENCE-HOSPIT AL



1:1



1:1

140 mm – 5 ½ "	04-133-140	04-134-140

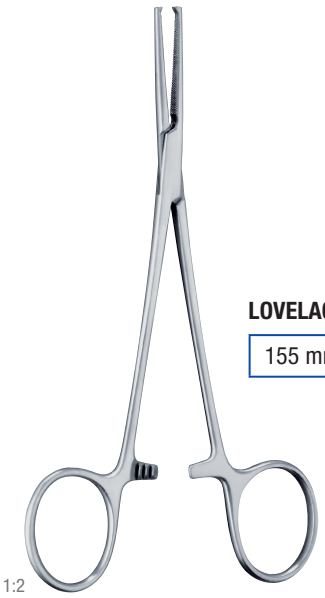
Arterienklemmen
Haemostatic forceps
Pinces hémostatiques
Pinzas hemostáticas
Pinze emostatiche



CHRISTOPHE

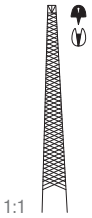


130 mm – 4 "	04-135-130
150 mm – 6 "	04-135-150



1:2

LOVELACE



1:1



1:1

155 mm – 6 "	04-136-155	04-138--150

1 x 2

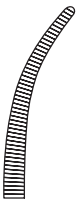


1:2

LERICHE



1:1



1:1

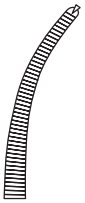
150 mm – 6 "	04-140-150	04-142-150

1:2

LERICHE



1:1



1:1

150 mm – 6 "	04-143-150	04-144-150

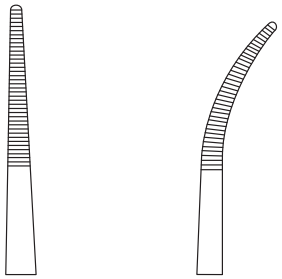
1 x 2

Arterienklemmen
Haemostatic forceps

Pinces hémostatiques
Pinzas hemostáticas
Pinze emostatiche

TC





KELL Y

140 mm – 5½ "	04-145-140	04-146-140

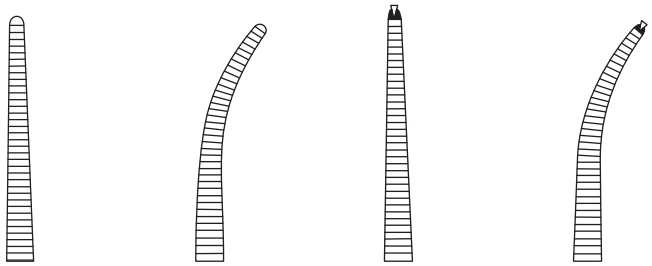
KELL Y-RANKIN

160 mm – 6¼ "	04-147-160	04-148-160

KELL Y

	Titan	Titan
140 mm – 5½ "	04-150-140	04-151-140





CRILE

140 mm – 5½ "	04-152-140	04-153-140	04-154-140	04-155-140
			1 x 2	1 x 2

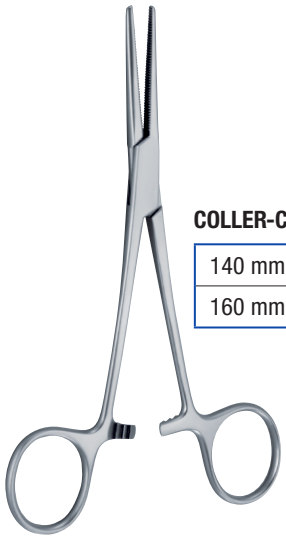
CRILE-RANKIN

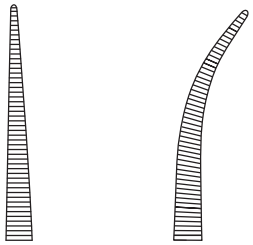
160 mm – 6¼ "	04-160-160	04-161-160	04-163-160	04-164-160
			1 x 2	1 x 2

CRILE

	Titan	Titan
140 mm – 5½ "	04-165-140	04-166-140

Arterienklemmen
Haemostatic forceps
Pinces hémostatiques
Pinzas hemostáticas
Pinze emostatiche

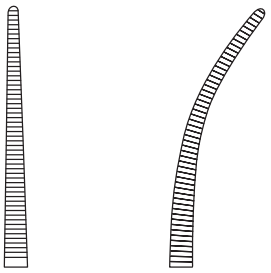




COLLER-CRILE

140 mm – 5 ½ "	04-167-140	04-168-140
160 mm – 6 ¼ "	04-167-160	04-168-160





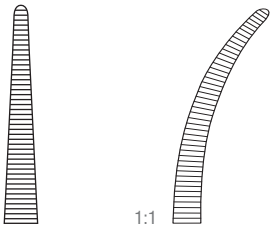
PÉAN

130 mm – 5 "	04-169-130	04-170-130
140 mm – 5 ½ "	04-171-140	04-172-140
160 mm – 6 ¼ "	04-169-160	04-170-160

graziles Modell
delicate pattern
modèle délicat
modelo delicado
modello delicato



1:2

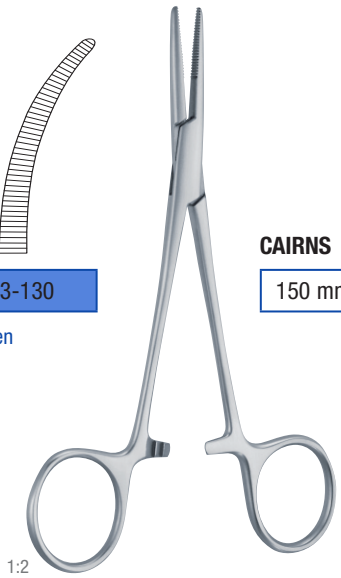


1:1 1:1

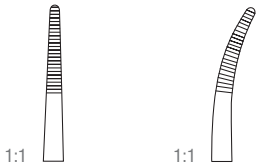
DUNHILL

125 mm – 5 "	04-173-130	12-273-130

gebogen
curved
courbe
curva
curvo



1:2

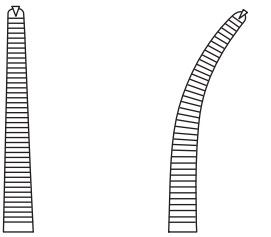


1:1 1:1

CAIRNS

150 mm – 6 "	04-175-140	04-176-140



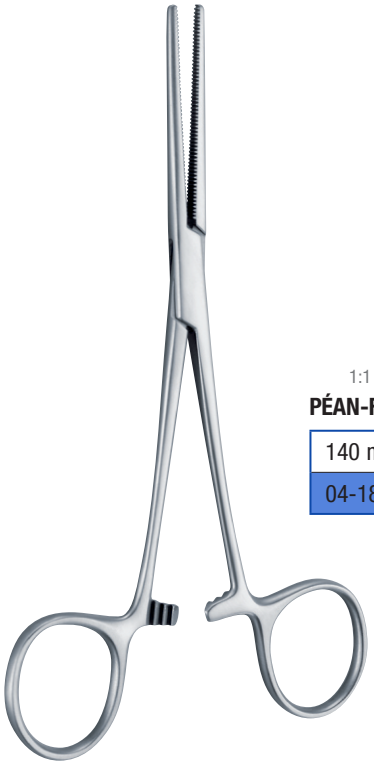


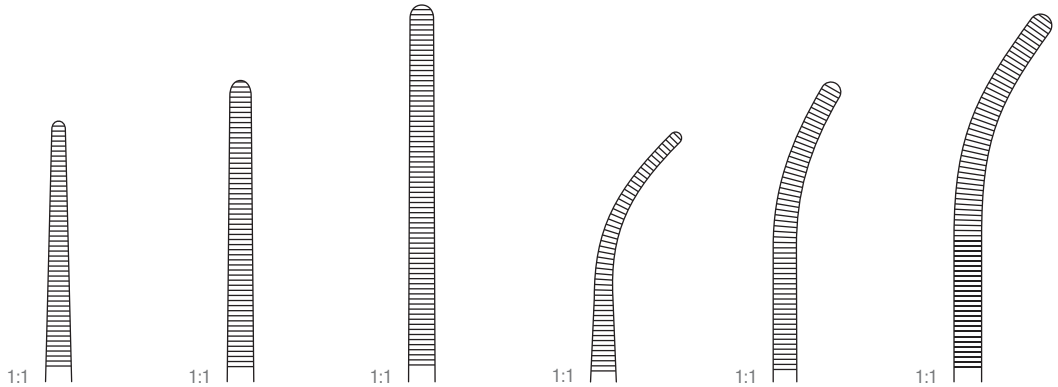
KOCHER

130 mm – 5 "	04-177-130	04-178-130
140 mm – 5 ½ "	04-179-140	04-180-140
160 mm – 6 ¼ "	04-179-160	04-178-160
	1 x 2	1 x 2

graziles Modell
delicate pattern
modèle délicat
modelo delicado
modello delicato

Arterienklemmen
Haemostatic forceps
Pinces hémostatiques
Pinzas hemostáticas
Pinze emostatiche

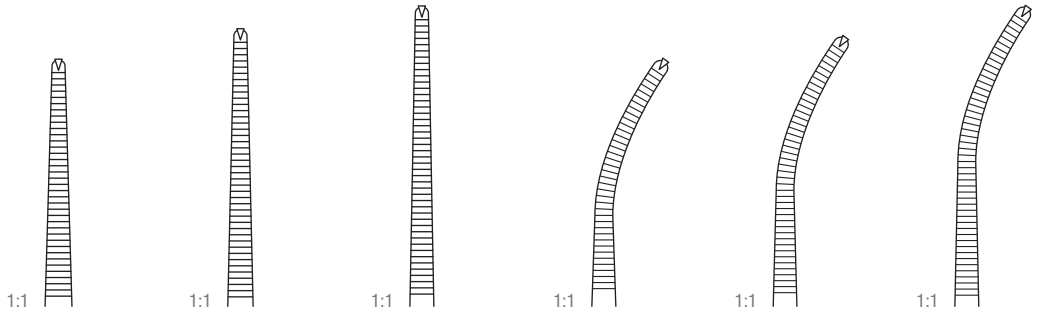




PÉAN-FINO

140 mm – 5 ½ "	165 mm – 6 ½ "	185 mm – 7 ¼ "	140 mm – 5 ½ "	160 mm – 6 ¼ "	180 mm – 7 "
04-181-140	04-181-160	04-181-180	04-182-140	04-182-160	04-182-180



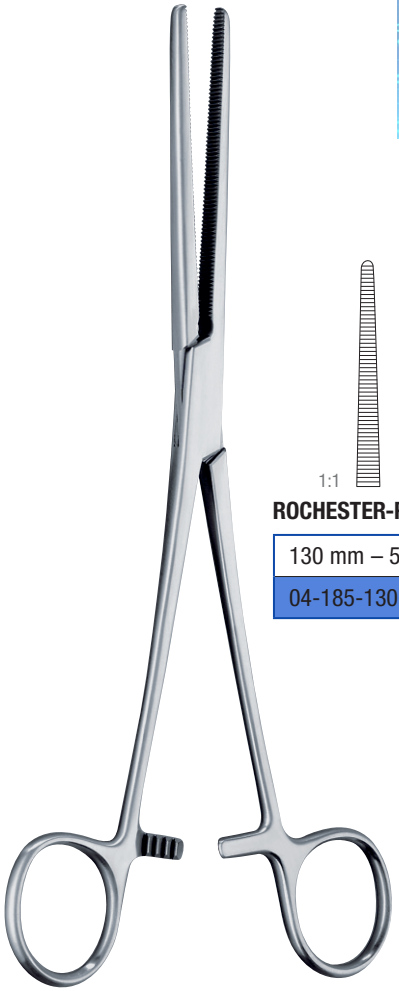


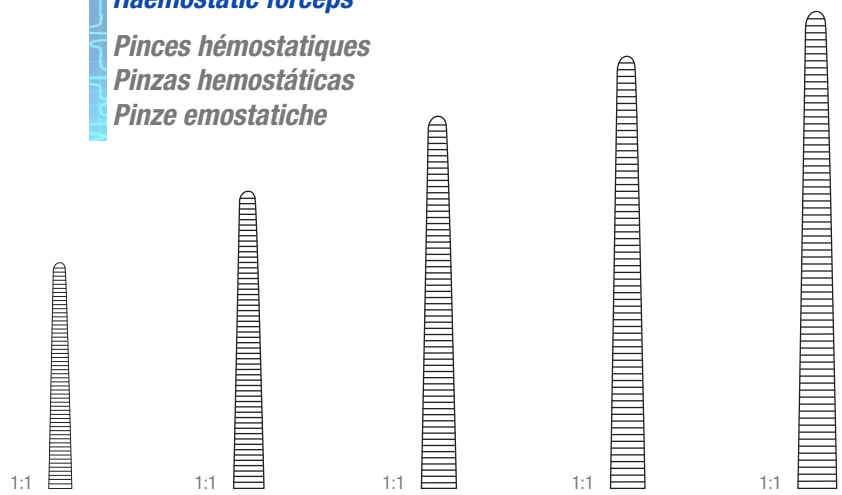
KOCHER-FINO

145 mm – 5 ¾ "	165 mm – 6 ½ "	185 mm – 7 ¼ "	145 mm – 5 ¾ "	160 mm – 6 ¼ "	180 mm – 7 "
04-183-140	04-183-160	04-183-180	04-184-140	04-184-160	04-184-180
1 x 2	1 x 2	1 x 2	1 x 2	1 x 2	1 x 2

Arterienklemmen
Haemostatic forceps
Pinces hémostatiques
Pinzas hemostáticas
Pinze emostatiche

TC

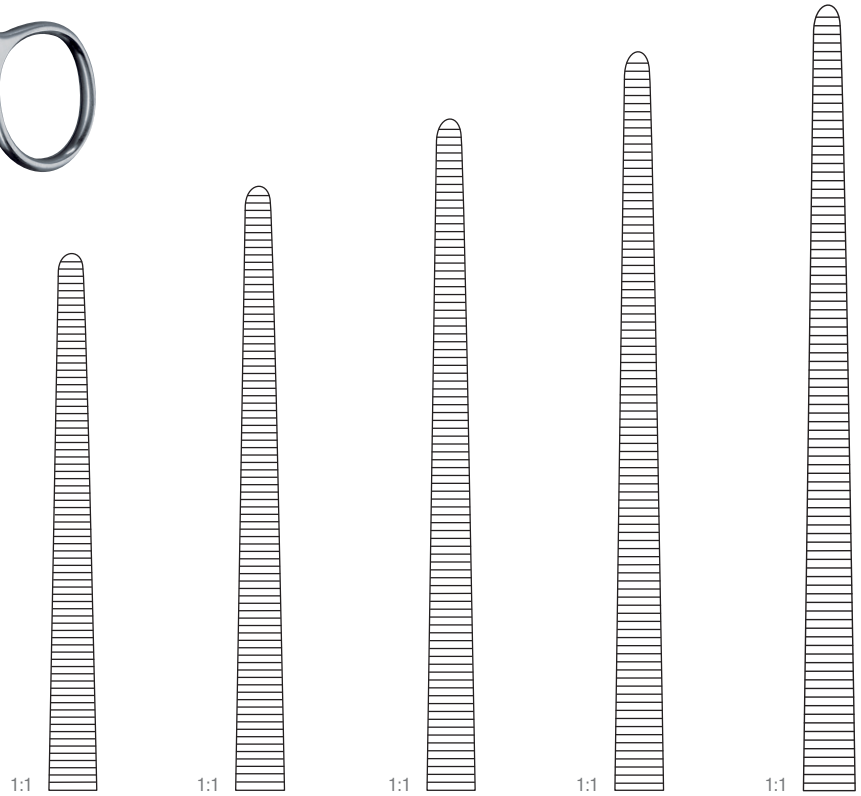




ROCHESTER-PÉAN

130 mm – 5 "	140 mm – 5 ½ "	160 mm – 6 ¼ "	180 mm – 7 "	200 mm – 8 "
04-185-130	04-185-140	04-185-160	04-185-180	04-185-200

Atrauma	**Atrauma**	**Atrauma**	**Atrauma**
140 mm – 5 ½ "	160 mm – 6 ¼ "	180 mm – 7 "	200 mm – 8 "
04-186-140	04-186-160	04-186-180	04-186-200



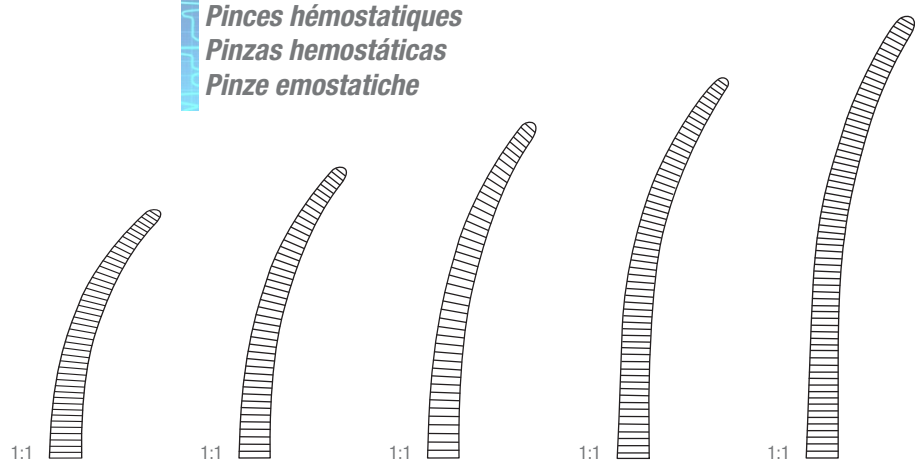
220 mm – 8 ¾ "	240 mm – 9 ½ "	260 mm – 10 ¼ "	300 mm – 12 "	350 mm – 14 "
04-185-220	04-185-240	04-185-260	04-185-300	04-185-350

Atrauma	**Atrauma**
260 mm – 10 ¼ "	300 mm – 12 "
04-186-265	04-186-280

Arterienklemmen
Haemostatic forceps

Pinces hémostatiques
Pinzas hemostáticas
Pinze emostatiche

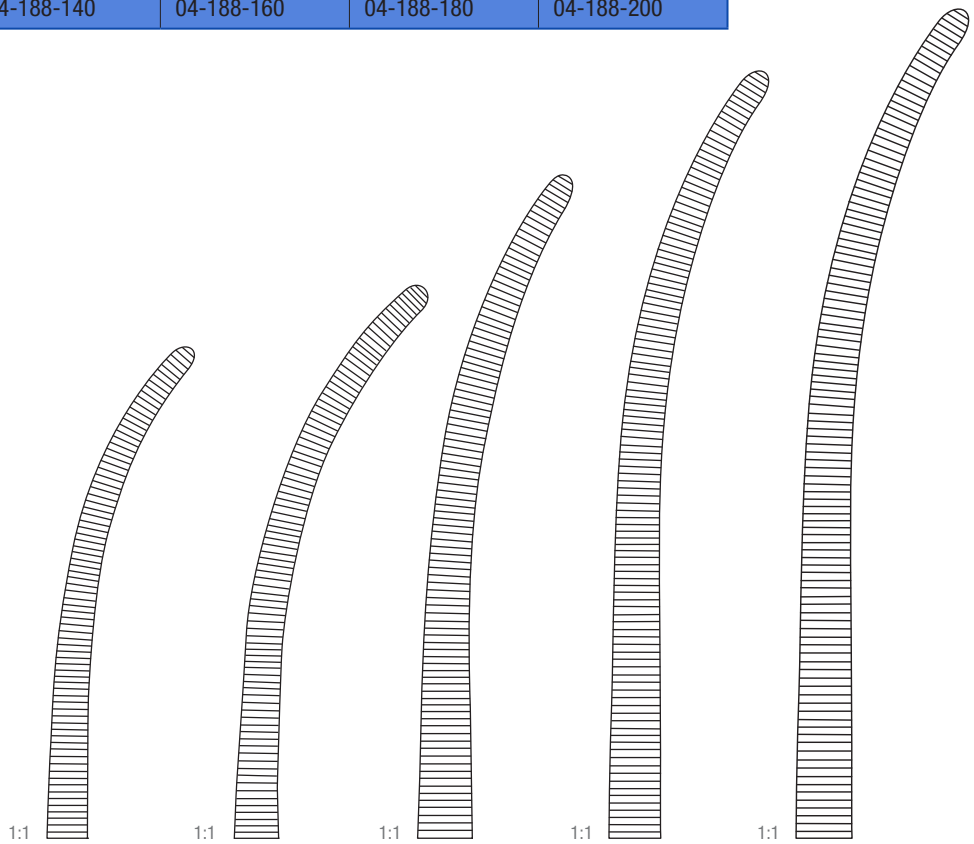
TC



ROCHESTER-PÉAN

130 mm – 5 "	140 mm – 5 ½ "	160 mm – 6 ¼ "	180 mm – 7 "	200 mm – 8 "
04-187-130	04-187-140	04-187-160	04-187-180	04-187-200

Atrauma	**Atrauma**	**Atrauma**	**Atrauma**
140 mm – 5 ½ "	160 mm – 6 ¼ "	180 mm – 7 "	200 mm – 8 "
04-188-140	04-188-160	04-188-180	04-188-200



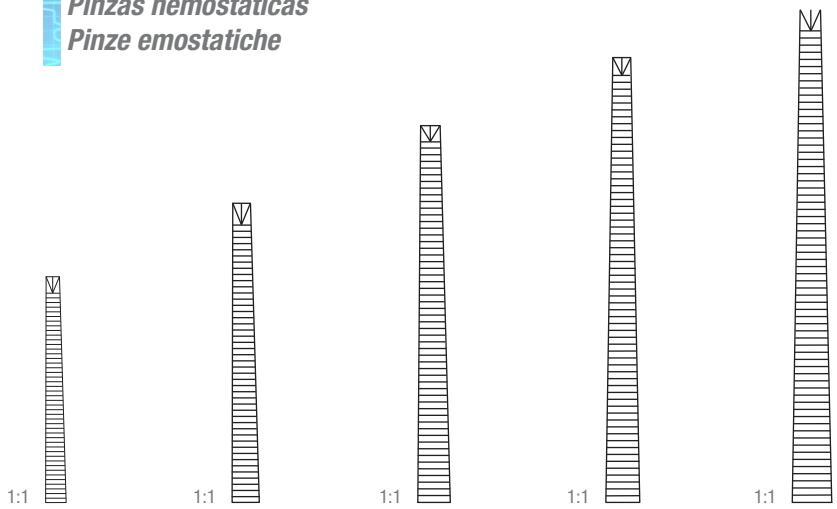
220 mm – 8 ¾ "	240 mm – 9 ½ "	260 mm – 10 ¼ "	300 mm – 12 "	350 mm – 14 "
04-187-220	04-187-240	04-187-260	04-187-300	04-187-350

Atrauma	**Atrauma**
260 mm – 10 ¼ "	300 mm – 12 "
04-188-260	04-188-275

Arterienklemmen
Haemostatic forceps

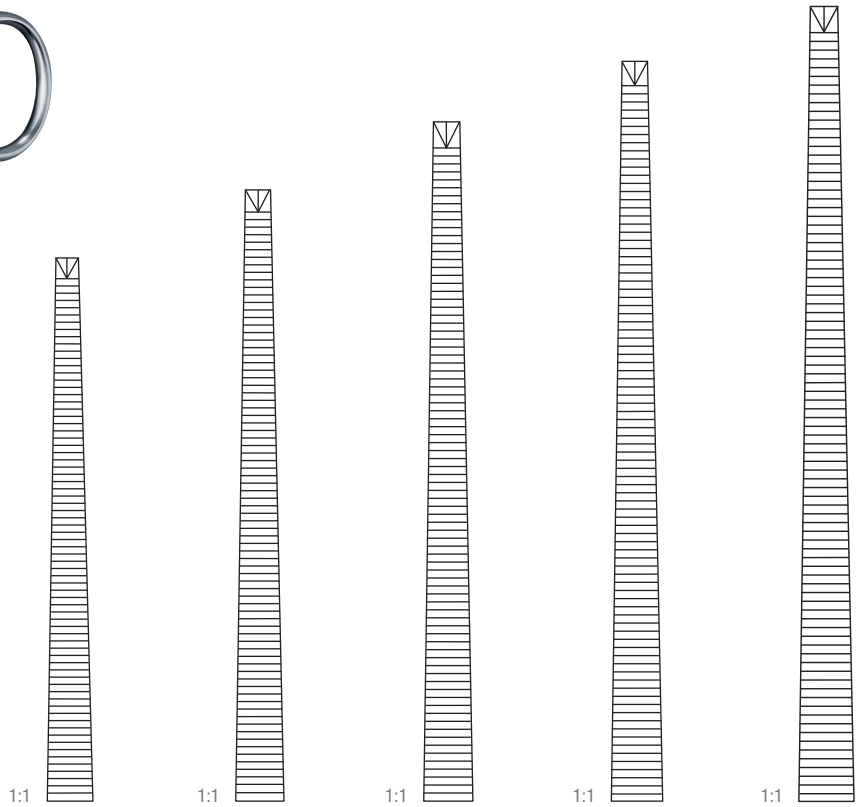
Pinces hémostatiques
Pinzas hemostáticas
Pinze emostatiche





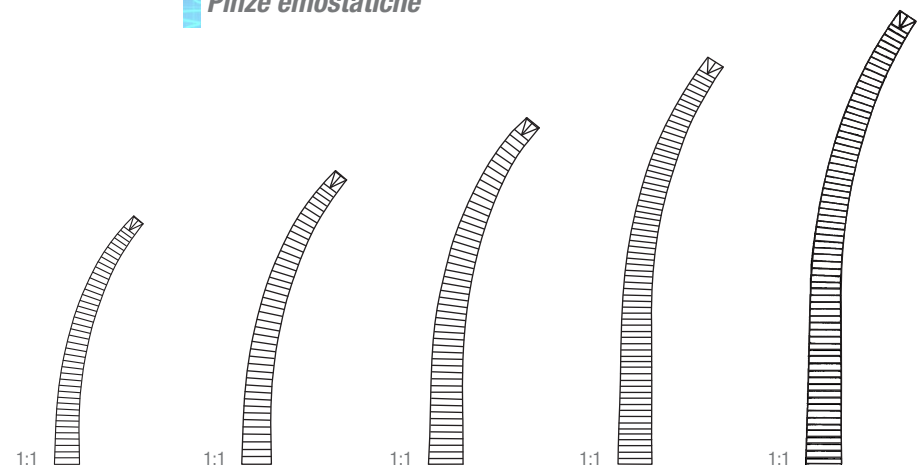
OCHSNER-KOCHER

130 mm – 5 "	140 mm – 5 ½ "	160 mm – 6 ¼ "	180 mm – 7 "	200 mm – 8 "
04-189-130	04-189-140	04-189-160	04-189-180	04-189-200
1 x 2	1 x 2	1 x 2	1 x 2	1 x 2



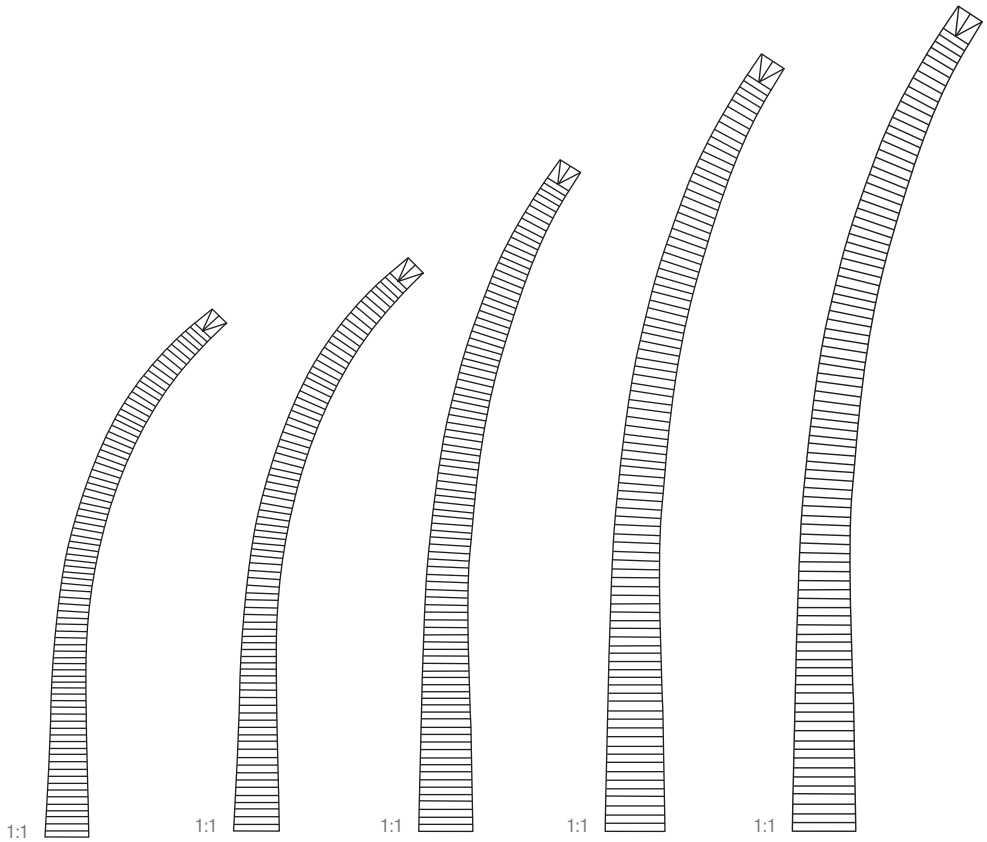
220 mm – 8 ¾ "	240 mm – 9 ½ "	260 mm – 10 ¼ "	300 mm – 12 "	300 mm – 14 "
04-189-220	04-189-240	04-189-260	04-189-300	04-189-350
1 x 2	1 x 2	1 x 2	1 x 2	1 x 2

Arterienklemmen
Haemostatic forceps
Pinces hémostatiques
Pinzas hemostáticas
Pinze emostatiche



OCHSNER-KOCHER

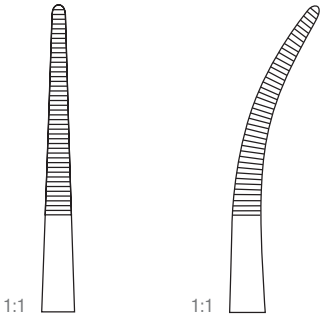
130 mm – 5 "	140 mm – 5 ½ "	160 mm – 6 ¼ "	180 mm – 7 "	200 mm – 8 "
04-190-130	04-190-140	04-190-160	04-190-180	04-190-200
1 x 2	1 x 2	1 x 2	1 x 2	1 x 2



220 mm – 8 ¾ "	240 mm – 9 ½ "	260 mm – 10 ¼ "	300 mm – 12 "	350 mm – 14 "
04-190-220	04-190-240	04-190-260	04-190-300	04-190-350
1 x 2	1 x 2	1 x 2	1 x 2	1 x 2

Arterienklemmen
Haemostatic forceps
Pinces hémostatiques
Pinzas hemostáticas
Pinze emostatiche

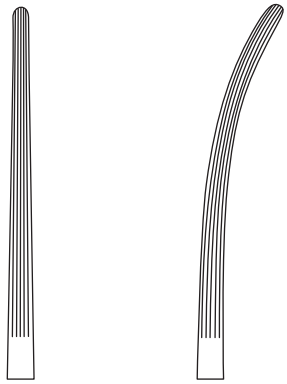

1:2


1:1 1:1

BIRKETT

190 mm – 7 ½ "	04-191-180	04-192-180





BAINBRIDGE

150 mm – 6 "	04-193-150	04-194-150
185 mm – 7 ¼ "	04-193-185	04-194-185

Arterienklemmen
Haemostatic forceps
Pinces hémostatiques
Pinzas hemostáticas
Pinze emostatiche

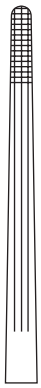




PÉAN

140 mm – 5 ½ "	04-195-140
160 mm – 6 ¼ "	04-195-160



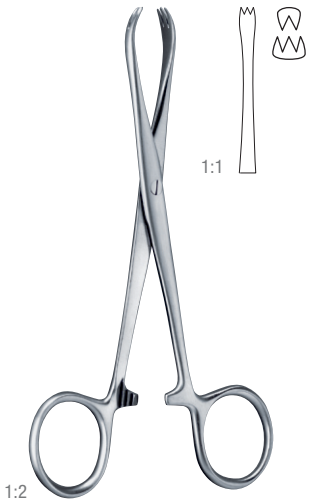




ROCHESTER-CARMALT

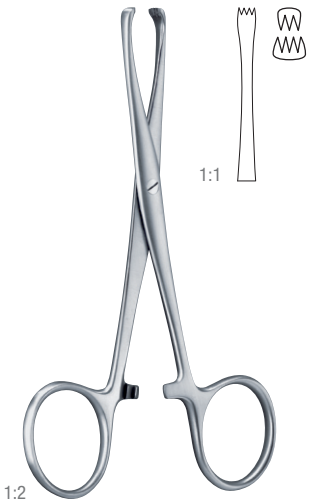
160 mm – 6 ¼ "	04-196-160	04-197-160
200 mm – 8 "	04-196-200	04-197-200

Arterienklemmen
Haemostatic forceps
Pinces hémostatiques
Pinzas hemostáticas
Pinze emostatiche



CHAPUT

130 mm – 5 "	04-198-130



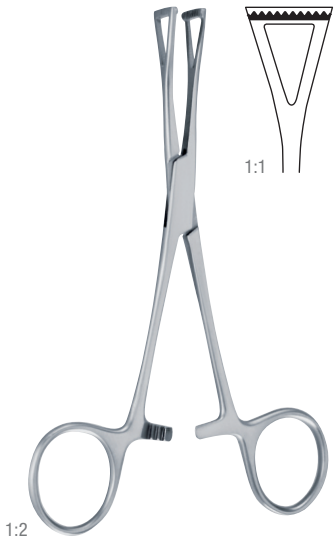
TUFFIER

130 mm – 5 "	04-200-130



PENNINGTON

155 mm – 6 "	04-204-155
200 mm – 8 "	04-204-200



COLLIN

140 mm – 5 ½ "	04-207-140



PRATT

150 mm – 6 "	04-205-150

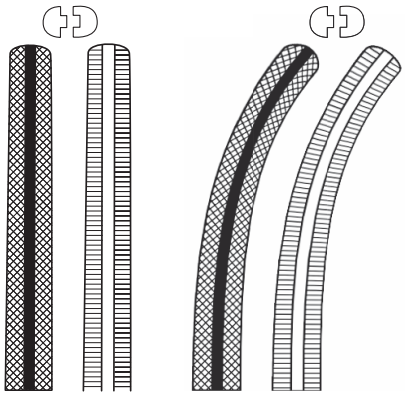


MARTEL

140 mm – 5 ½ "	04-208-140

Arterienklemmen
Haemostatic forceps
Pinces hémostatiques
Pinzas hemostáticas
Pinze emostatiche



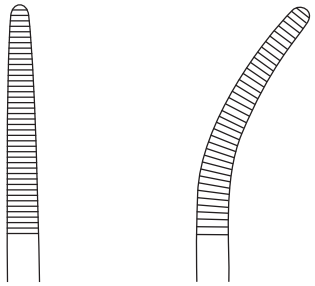


FERGUSSON

160 mm – 6¼"	04-209-160	04-210-160
200 mm – 8"	04-209-200	04-210-200

gebogen
curved
courbe
curva
curvo

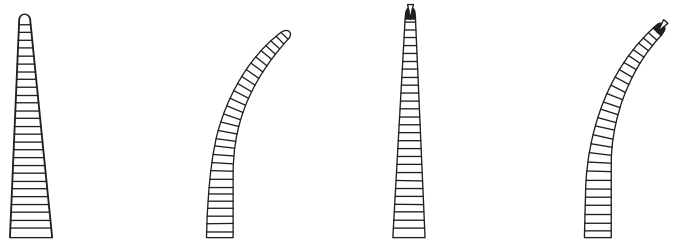




SPENCER-WELLS

130 mm – 5"	04-211-130	04-212-130
140 mm – 5½"	04-211-140	04-212-140
155 mm – 6"	04-211-150	04-212-150
180 mm – 7"	04-211-180	04-212-180
200 mm – 8"	04-211-200	04-212-200



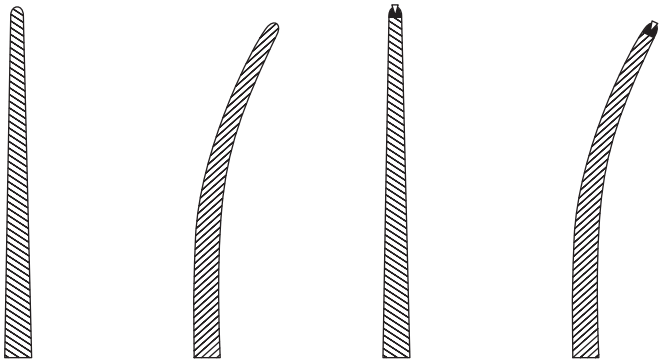


HALSTED-MOSQUITO

180 mm – 7"	04-213-180	04-214-180	04-215-180	04-216-180
210 mm – 8¼"	04-217-210	04-218-210	04-219-210	04-220-210
			1 x 2	1 x 2

Arterienklemmen
Haemostatic forceps
Pinces hémostatiques
Pinzas hemostáticas
Pinze emostatiche



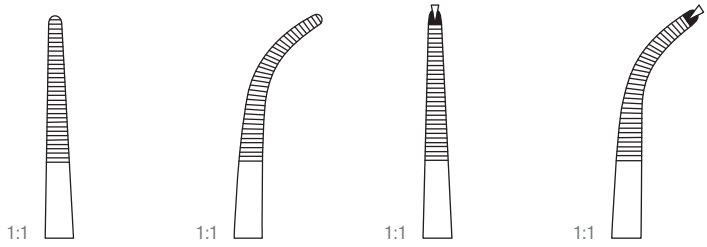


BENGOLEA

200 mm – 8 "	04-221-200	04-222-200	04-223-200	04-224-200
260 mm – 10 ¼ "	04-221-260	04-222-260	04-223-260	04-224-260
			1 x 2	1 x 2



1:2



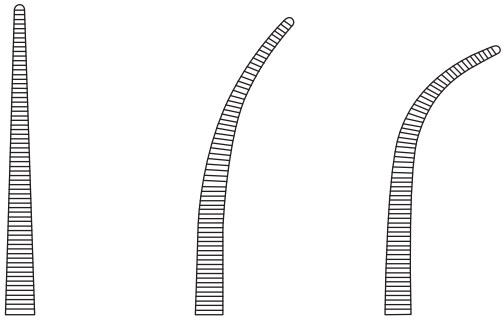
ADSON

185 mm – 7 ¼ "	04-226-185	04-227-185	04-232-185	04-233-185
			1 x 2	1 x 2

Arterienklemmen
Haemostatic forceps

Pinces hémostatiques
Pinzas hemostáticas
Pinze emostatiche

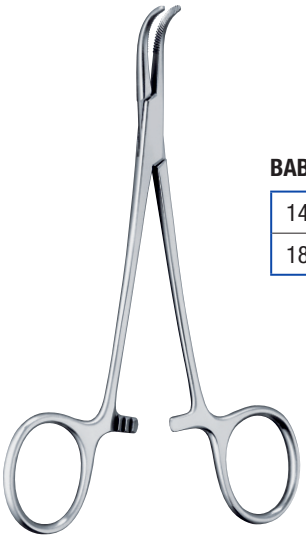




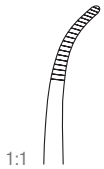
HEISS

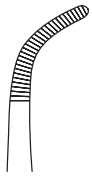
200 mm – 8 "	04-234-200	04-235-200	04-237-200
230 mm – 9 "	04-234-230	04-235-230	04-237-230

Arterienklemmen
Haemostatic forceps
Pinces hémostatiques
Pinzas hemostáticas
Pinze emostatiche



BABY-MIXTER

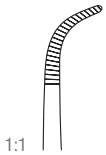


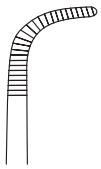


140 mm – 5½"	04-241-140	
180 mm – 7"		04-241-180



BABY-ADSON

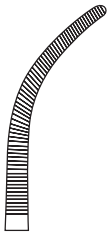




140 mm – 5½"	04-242-140	
180 mm – 7"		04-243-180



BABY-OVERHOLT



135 mm – 5¼"	04-245-140

Arterienklemmen
Haemostatic forceps
Pinces hémostatiques
Pinzas hemostáticas
Pinze emostatiche

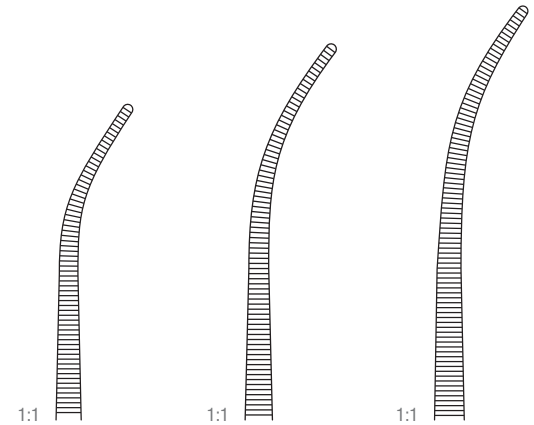
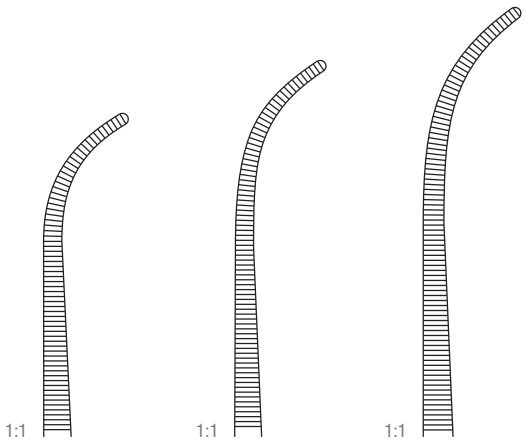


Fig. 1	Fig. 1	Fig. 1
195 mm – 7 ¾ "	225 mm – 8 ¾ "	245 mm – 9 ¾ "
04-247-190	04-247-220	04-247-240





KELLY-FRASER

Fig. 2	Fig. 2	Fig. 2
190 mm – 7 ½ "	220 mm – 8 ¾ "	240 mm – 9 ½ "
04-249-190	04-249-220	04-249-240

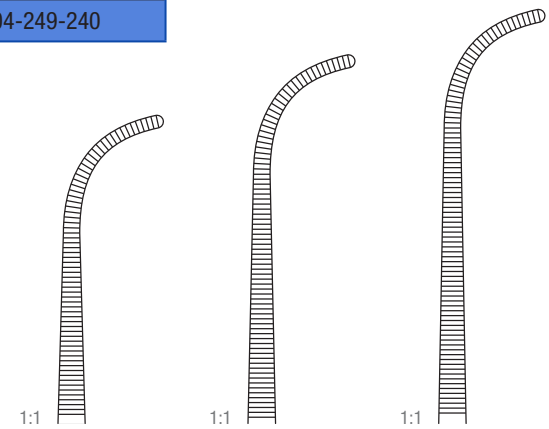


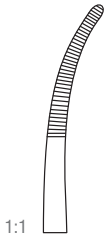
Fig. 3	Fig. 3	Fig. 3
185 mm – 7 ¼ "	215 mm – 8 ½ "	235 mm – 9 ¼ "
04-251-190	04-251-220	04-251-240

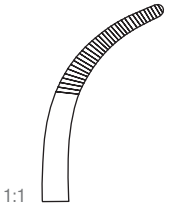
Arterienklemmen
Haemostatic forceps

Pinces hémostatiques
Pinzas hemostáticas
Pinze emostatiche



SCHNIDT

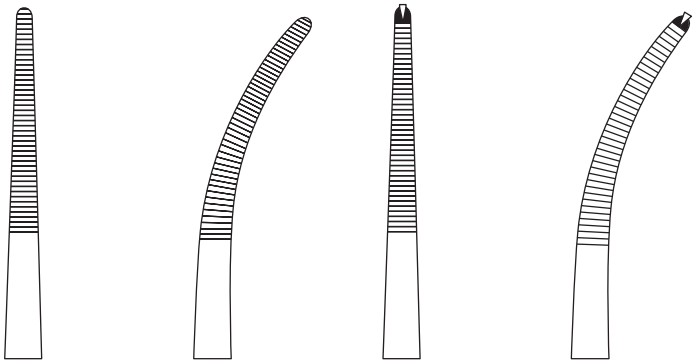




190 mm – 7 ½ "	04-252-190	04-253-190

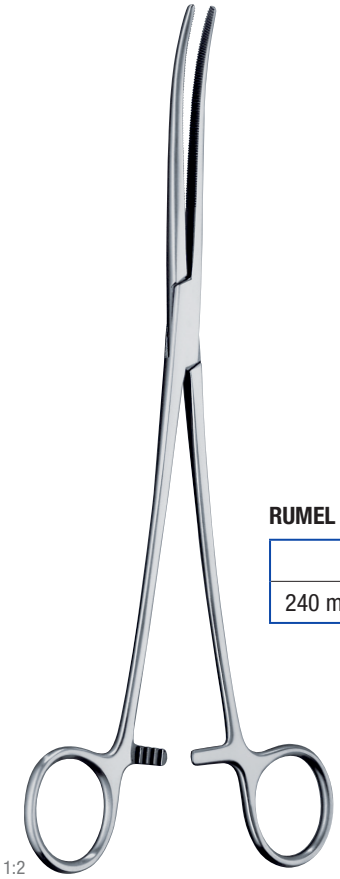


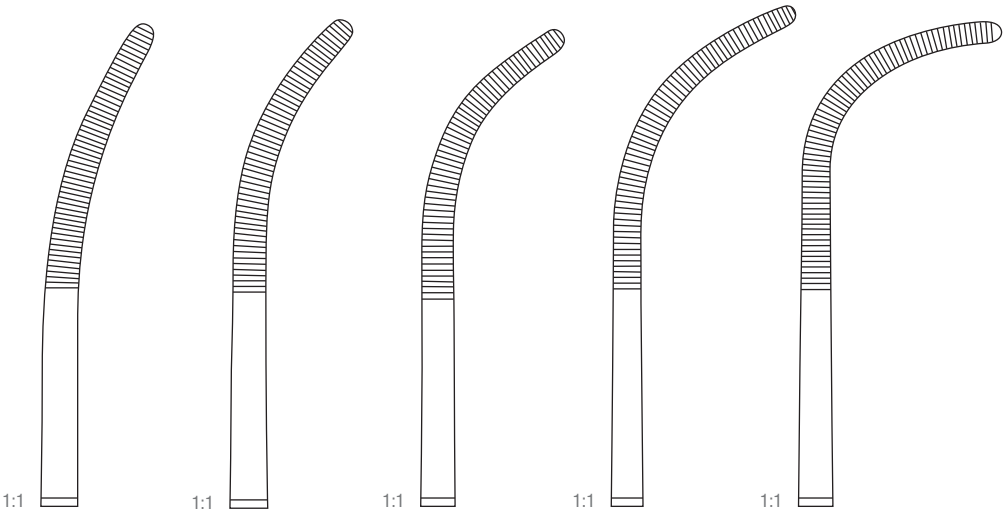
TOENNIS



210 mm – 8 ¼ "	04-258-210	04-259-210	04-260-210	04-261-210
260 mm – 10 ¼ "	04-258-260	04-259-260	04-260-260	04-261-260
			1 x 2	1 x 2

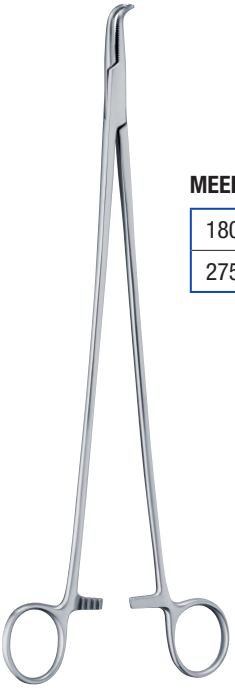
Arterienklemmen
Haemostatic forceps
Pinces hémostatiques
Pinzas hemostáticas
Pinze emostatiche

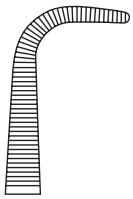

1:2


1:1 1:1 1:1 1:1 1:1

RUMEL

	Fig. 1	Fig. 2	Fig. 3	Fig. 4	Fig. 5
240 mm – 9½"	04-265-001	04-265-001	04-265-003	04-265-004	04-265-005

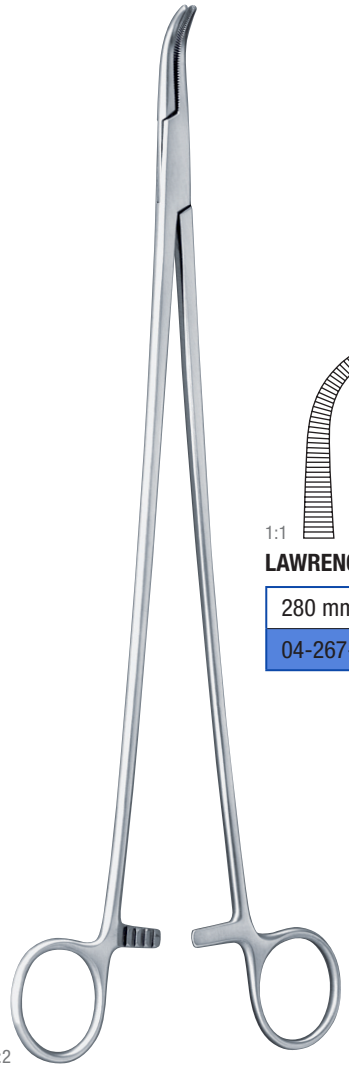




MEEKER

180 mm – 7 "	04-266-180
275 mm – 10¾ "	04-266-280

gebogen, 90°
curved, 90°
courbe, 90°
curva, 90°
curve, 90°


1:2

1:1

LAWRENCE

280 mm – 11 "
04-267-280

Präparier- und ligaturklemmen
Dissecting and ligature forceps
Pinces à disséquer et à sutures
Pinzas para preparación y suturas
Pinze per preparazioni e suture



OVERHOLT-
GEISSENDOERFER

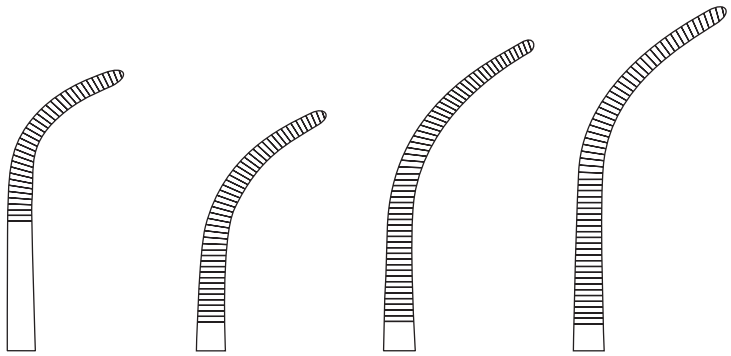


	Fig. 1	Fig. 2	Fig. 3	Fig. 4
210 mm – 8 ¼ "	13-469-001	13-469-002	13-469-003	13-469-004
270 mm – 10 ¾ "	312-423-010	312-423-020	312-423-030	312-423-040

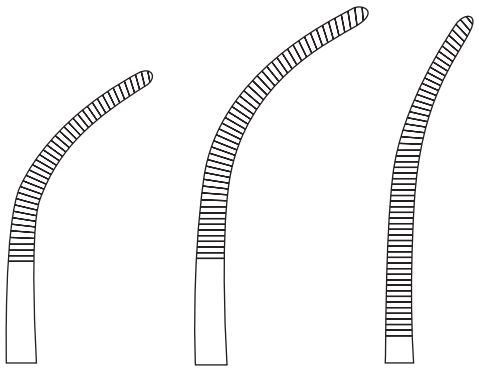
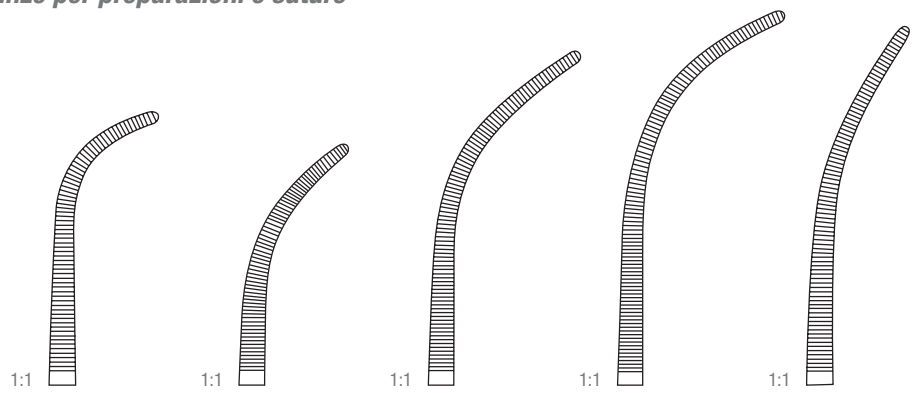


	Fig. 5	Fig. 6	Fig. 7
210 mm – 8 ¼ "	13-469-005	13-469-006	13-469-007
270 mm – 10 ¾ "	312-423-050	312-423-060	312-423-070

Präparier- und ligaturklemmen
Dissecting and ligature forceps

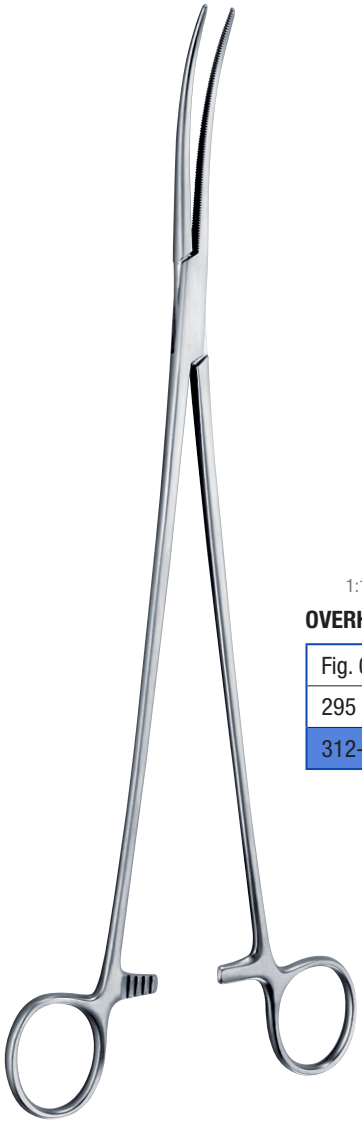
Pinces à disséquer et à sutures
Pinzas para preparación y suturas
Pinze per preparazioni e suture

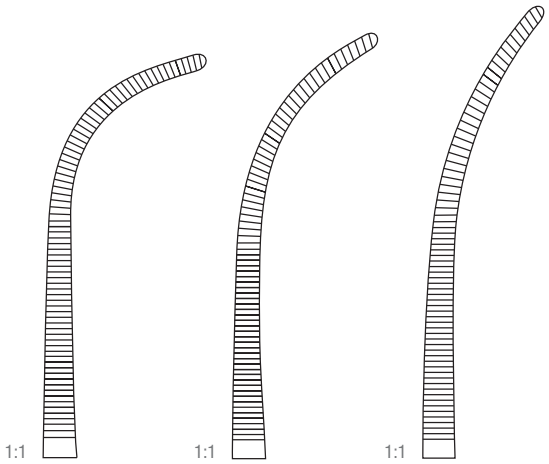




OVERHOLT-FINO

Fig. 0	Fig. 1	Fig. 2	Fig. 3	Fig. 6
215 mm – 8 ½ "	210 mm – 8 ¼ "	220 mm – 8 ¾ "	230 mm – 9 "	225 mm – 8 ¾ "
13-471-000	13-471-001	13-471-002	13-471-003	13-471-006





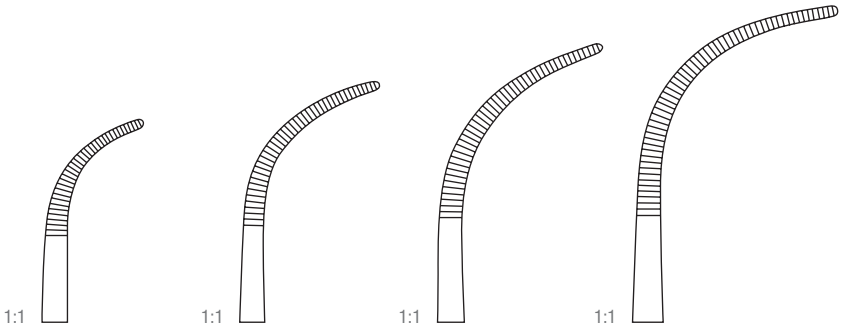
OVERHOLT

Fig. 0	Fig. 1	Fig. 6
295 mm – 8 ½ "	295 mm – 8 ½ "	300 mm – 8 ¾ "
312-425-000	312-425-001	312-425-006

Präparier- und ligaturklemmen
Dissecting and ligature forceps

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





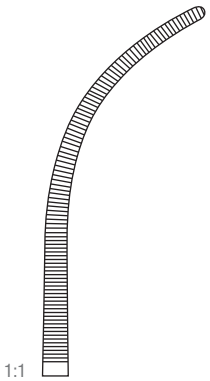
OVERHOLT-MODIFIZIERT

185 mm – 7 ¼ "	205 mm – 8 "	210 mm – 8 ¼ "	215 mm – 8 ½ "
413-413-010	413-413-020	413-413-030	413-413-040

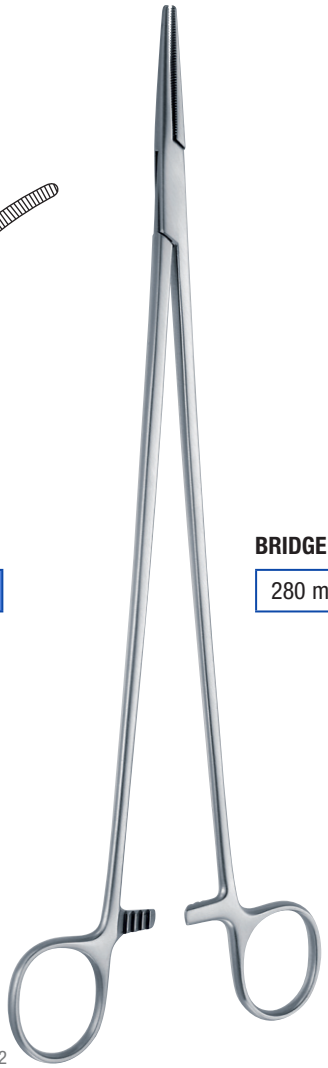
S-förmig gebogen
S-curved
courbe en S
curva en S
curve a forma di S



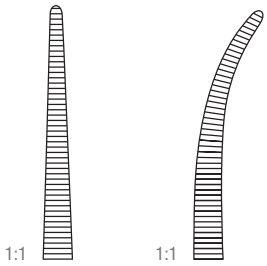
OVERHOLT-MIXTER



210 mm – 8 ¼ "	413-423-210



BRIDGE

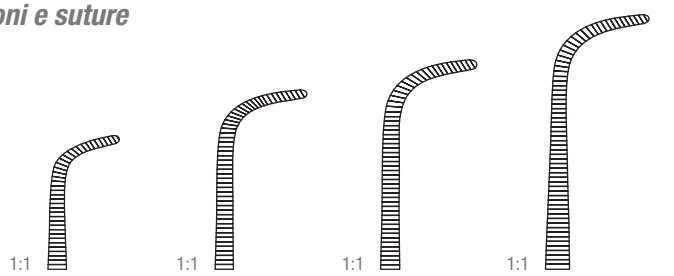


280 mm – 11 "	312-452-275	04-267-275

Präparier- und ligaturklemmen
Dissecting and ligature forceps

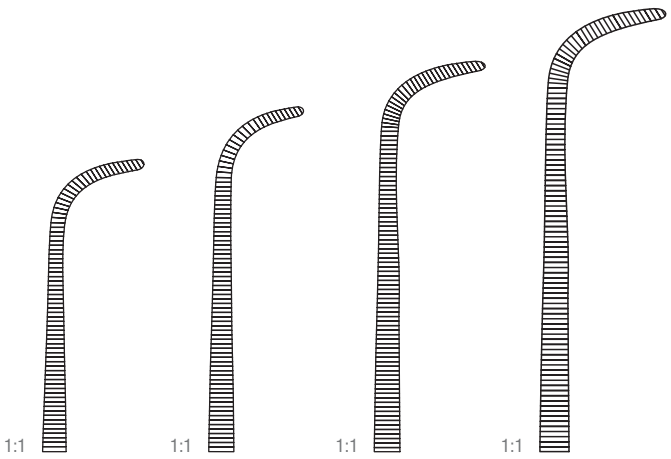
Pinces à disséquer et à sutures
Pinzas para preparación y suturas
Pinze per preparazioni e suture





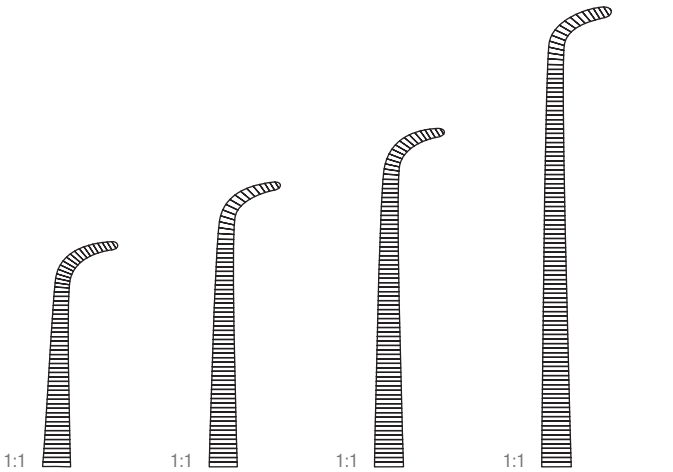
GEMINI

130 mm – 5 "	160 mm – 6 ¼ "	180 mm – 7 "	200 mm – 8 "
04-268-130	04-268-160	04-268-180	04-268-200



230 mm – 9 "	250 mm – 9 ¾ "	280 mm – 11 "	350 mm – 14 "
04-268-230	04-268-250	04-268-280	04-268-350





GEMINI-MINI

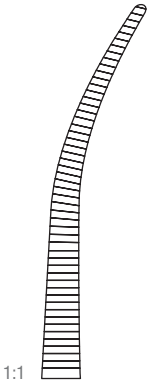
180 mm – 7 "	220 mm – 8 ¾ "	250 mm – 9 ¾ "	280 mm – 11 "
04-269-180	04-269-220	04-269-250	04-269-280

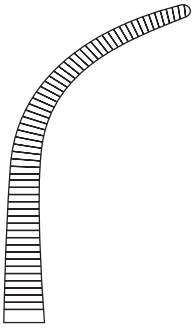
Präparier- und ligaturklemmen
Dissecting and ligature forceps

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

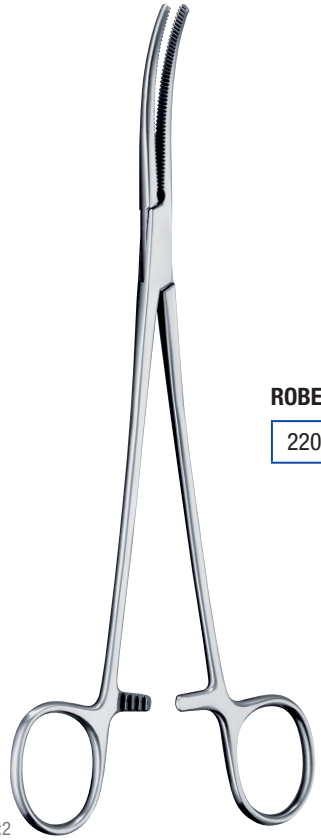


ZENKER

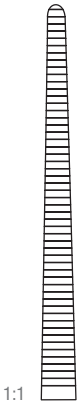


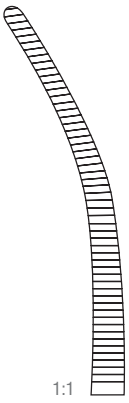


295 mm – 11 ½ "	04-271-010	04-271-020



ROBERTS



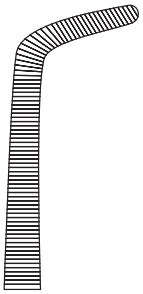


220 mm – 8 ¾ "	04-272-220	04-273-220

Präparier- und ligaturklemmen
Dissecting and ligature forceps

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

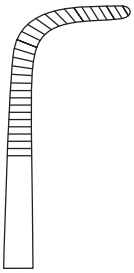




MIXTER

140 mm – 6 "	04-274-140
155 mm – 6 "	04-274-160
190 mm – 7 ½ "	04-274-180
230 mm – 9 "	04-274-230

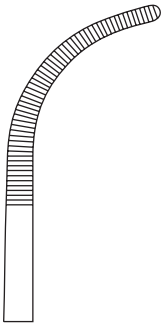




KANTROWITZ

190 mm – 7 ½ "	04-275-190
240 mm – 9 ½ "	04-275-240
265 mm – 10 ½ "	04-275-265





MIXTER

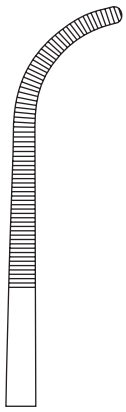
230 mm – 9 "	04-277-230

1:2

Präparier- und ligaturklemmen
Dissecting and ligature forceps

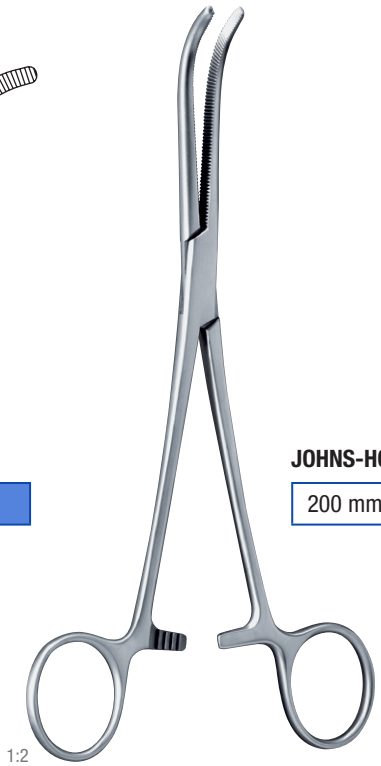
Pinces à disséquer et à sutures
Pinzas para preparación y suturas
Pinze per preparazioni e suture

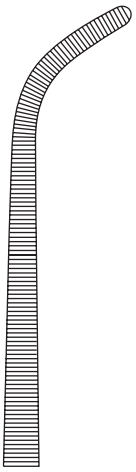




MIXTER

230 mm – 9 "	04-278-230

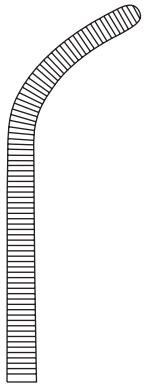




JOHNS-HOPKINS

200 mm – 8 "	04-279-200





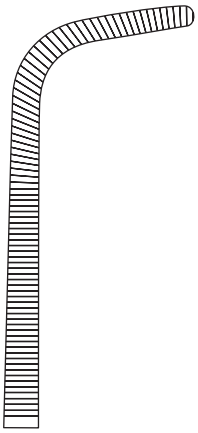
MIXTER-O'SHAUGNESSY

155 mm – 6 "	04-283-150
190 mm – 7 ½ "	04-283-190

Präparier- und ligaturklemmen
Dissecting and ligature forceps

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

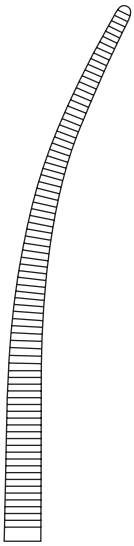




WICKSTRÖM

210 mm – 8 ¼ "	04-284-210
240 mm – 9 ½ "	04-284-240

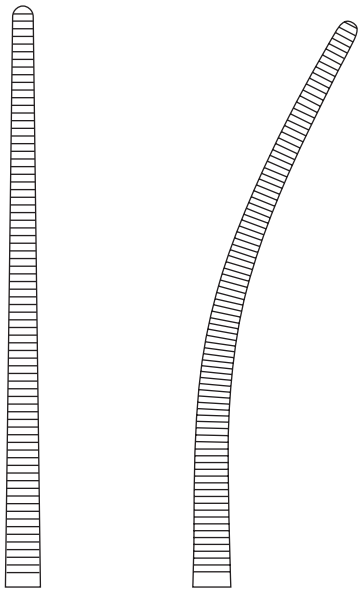




CRAFOORD

180 mm – 7 "	04-285-180
240 mm – 9 ½ "	04-286-240





SAROT

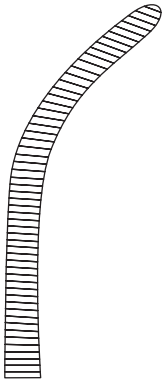
240 mm – 9 ½ "	04-287-240	04-288-240

1:2

Präparier- und ligaturklemmen
Dissecting and ligature forceps

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

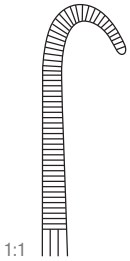

1:2

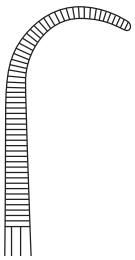

1:1

DEAN-SHALLCROSS

180 mm – 7 "	04-289-180


1:2


1:1


1:1

NEGUS

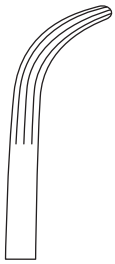
190 mm – 7 ½ "	04-290-001	04-290-002

Gallenkanal- und nierenstielklemmen
Kidney pedicle and gall duct forceps

Pinces pour pédicules renaux et voies biliaires
Pinzas para pedículos renales y conductos biliares
Pinze per peduncoli renali e vie biliari



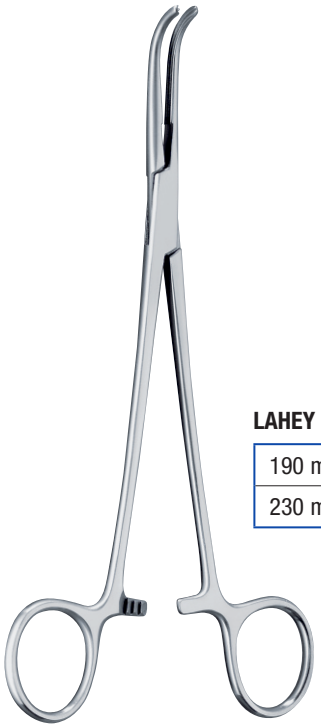
1:2

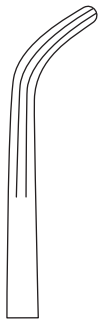


1:1

LOWER

180 mm – 7 "	04-291--180





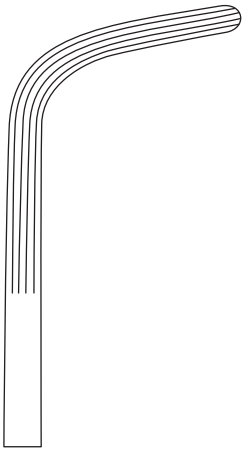
1:1

LAHEY

190 mm – 7 ½ "	04-292-190
230 mm – 9 "	04-293-235



1:2



1:1

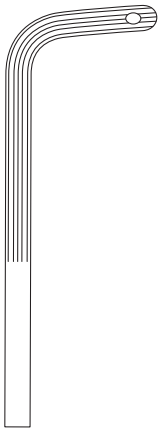
MCQUIGG-MIXTER

220 mm – 8 ¾ "	04-294-220

Gallenkanal- und nierenstielklemmen
Kidney pedicle and gall duct forceps

Pinces pour pédicules renaux et voies biliaires
Pinzas para pedículos renales y conductos biliares
Pinze per peduncoli renali e vie biliari

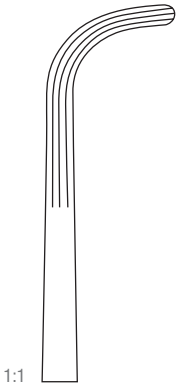

1:2

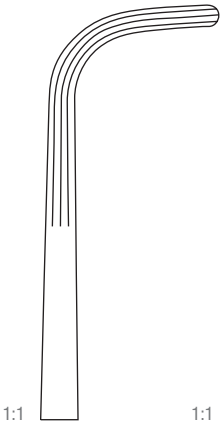

1:1

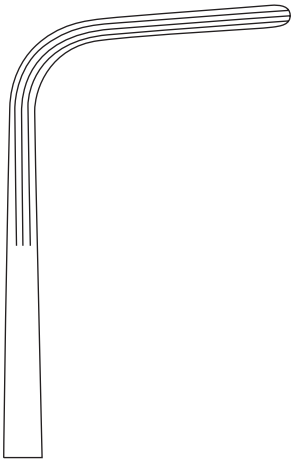
FINOCHIETTO

240 mm – 9 ½ "	04-295-240




1:1


1:1


1:1

MIXTER

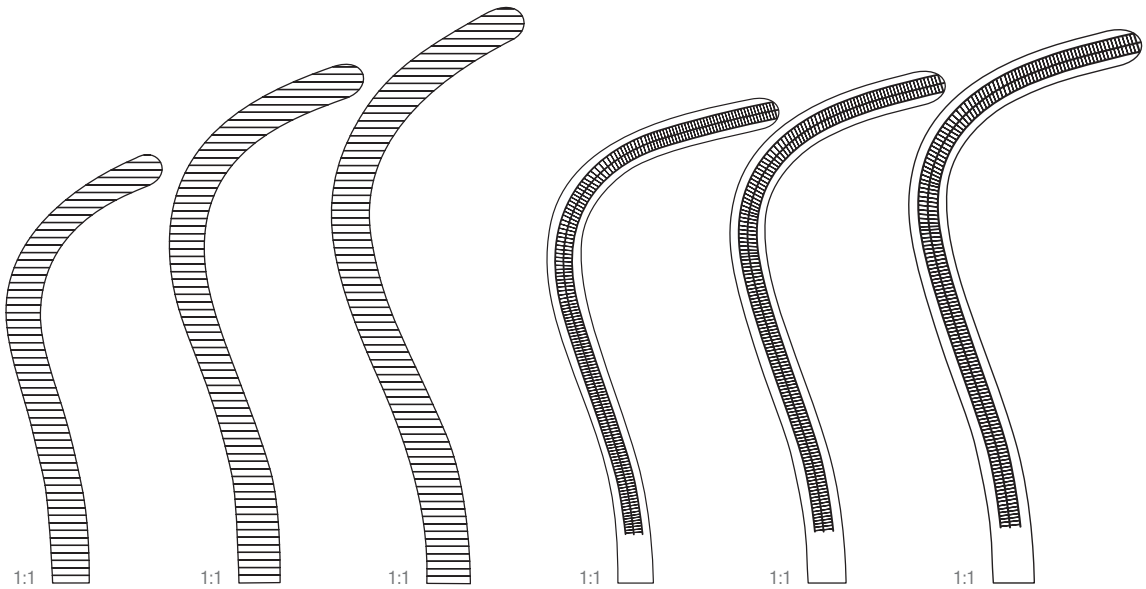
220 mm – 8 ¾ "	250 mm – 9 ¾ "	280 mm – 11 "
04-296-230	04-297-250	04-298-280

Gallenkanal- und nierenstielklemmen
Kidney pedicle and gall duct forceps

Pinces pour pédicules renaux et voies biliaires
Pinzas para pedículos renales y conductos biliares
Pinze per peduncoli renali e vie biliari

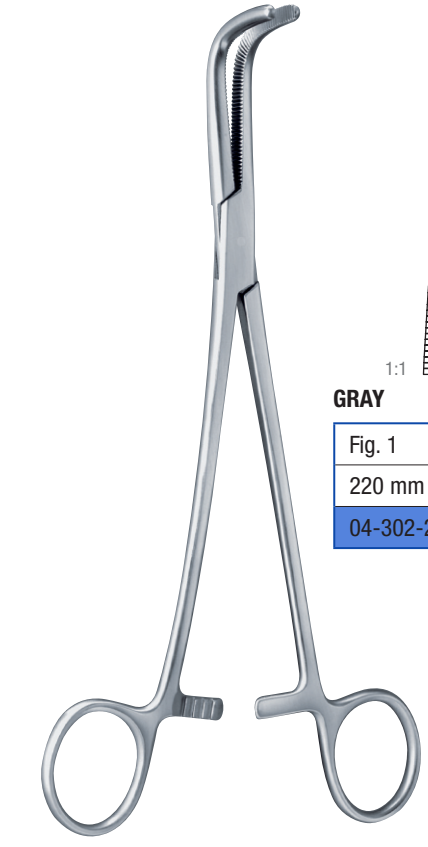
TC

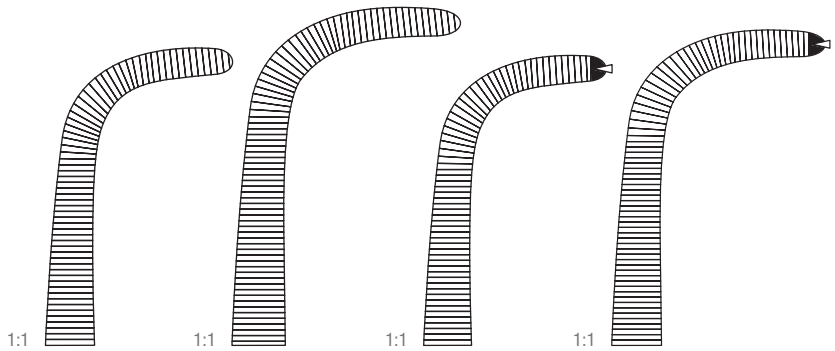




GUYON

			Atrauma	Atrauma	Atrauma
200 mm – 8 "	220 mm – 8 ¾ "	240 mm – 9 ½ "	225 mm – 9 "	230 mm – 9 "	240 mm – 9 ½ "
04-300-200	04-300-220	04-300-240	04-301-225	04-301-230	04-301-240





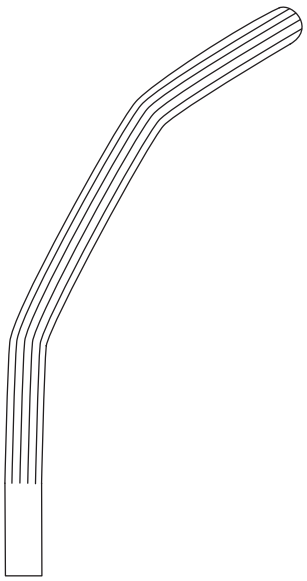
GRAY

Fig. 1	Fig. 2	Fig. 1	Fig. 2
220 mm – 8 ¾ "	230 mm – 9 "	220 mm – 8 ¾ "	230 mm – 9 "
04-302-220	04-302-230	04-303-220	04-303-230
		1 x 2	1 x 2

Nierenstielklemmen
Kidney pedicle forceps

Pinces pour pédicules renaux
Pinzas para pedículos renales
Pinze per peduncoli renali

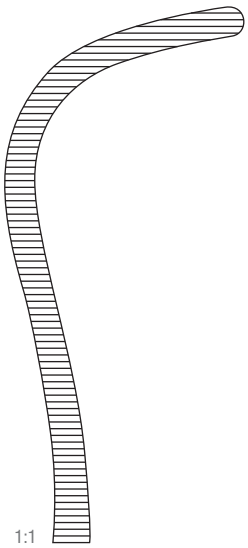

1:2



HERRICK 1:1

230 mm – 9 "	04-304-230

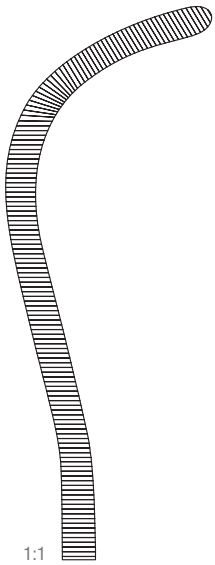

1:2



GUYON 1:1

230 mm – 9 "	04-305-230


1:2

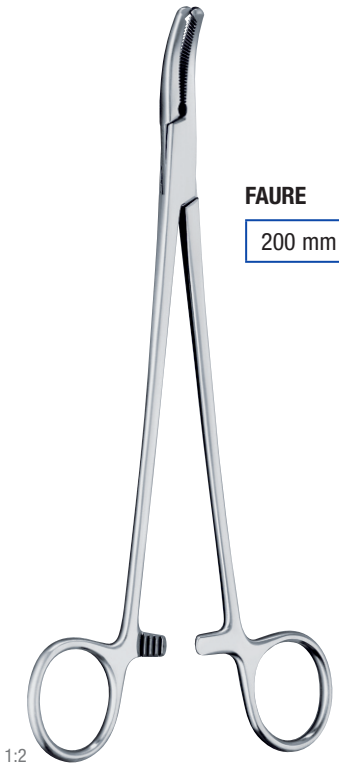


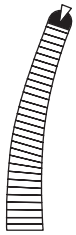
MAYO-GUYON 1:1

230 mm – 9 "	04-306-230

Klemmzangen – Peritoneumklemmen
Clamp forceps – Peritoneal forceps

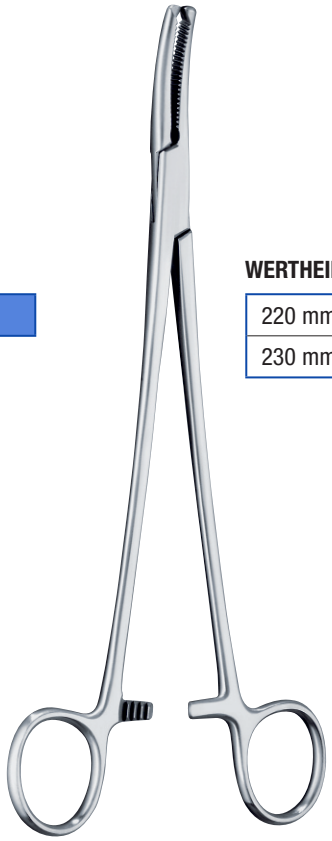
Pinces-clamps – Pinces pour le péritoine
Pinzas-clamps – Pinzas para peritóneo
Pinze per peritoneo

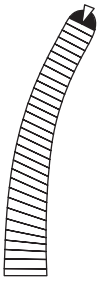




FAURE

200 mm – 8 "	04-307-210	04-308-210
	1 x 2	1 x 2





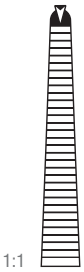
WERTHEIM

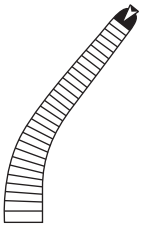
220 mm – 8 ¾ "	04-309-220
230 mm – 9 "	04-310-230
	1 x 2

Klemmzangen – Peritoneumklemmen
Clamp forceps – Peritoneal forceps

Pinces-clamps – Pinces pour le péritoine
Pinzas-clamps – Pinzas para peritóneo
Pinze per peritoneo



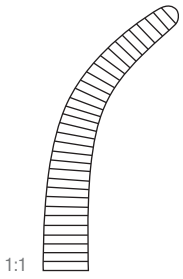


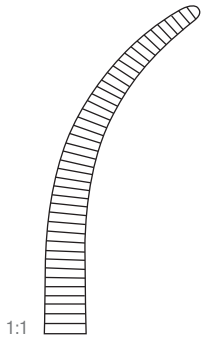


PHANEUF

215 mm – 8 ½ "	04-311-200	04-312-200
	1 x 2	1 x 2







MOYNIHAN

230 mm – 9 "	240 mm – 9 ½ "
04-313-225	04-314-235

Klemmzangen – Peritoneumklemmen
Clamp forceps – Peritoneal forceps

Pinces-clamps – Pinces pour le péritoine
Pinzas-clamps – Pinzas para peritóneo
Pinze per peritoneo


1:2

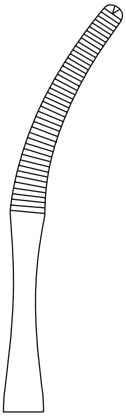

1:1

BABY-MIKULICZ

140 mm – 4 ½ "	04-315-140

1 x 2


1:2


1:1

MIKULICZ

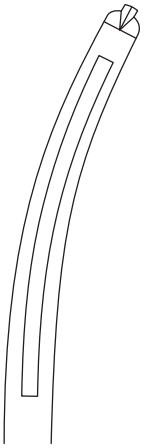
200 mm – 8 "	04-316-200

1 x 2

Klemmzangen – Peritoneumklemmen
Clamp forceps – Peritoneal forceps

Pinces-clamps – Pinces pour le péritoine
Pinzas-clamps – Pinzas para peritóneo
Pinze per peritoneo





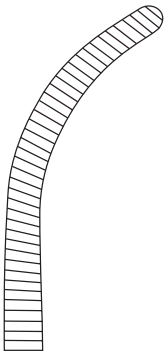
MAINGOT

205 mm – 8 "	04-317-200
250 mm – 9 ¾ "	04-317-250

1 x 2



1:2



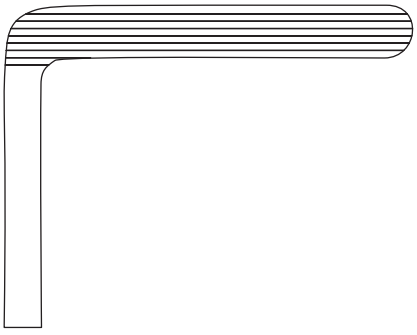
1:1

WERTHEIM

250 mm – 9 ¾ "	04-318-250



1:2



1:1

WERTHEIM-CULLEN

215 mm – 8 ½ "	04-319-210

Hysterektomieklemmen
Hysterectomy forceps
Pinces pour hystérectomie
Pinzas para histerectomía
Pinze per isterectomia

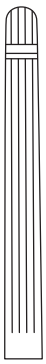


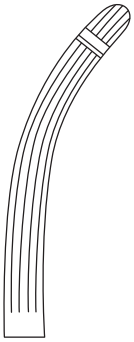
HEANEY

195 mm – 7 ¾ "	04-320-195	04-321-195
210 mm – 8 ¼ "	04-320-210	04-321-210
230 mm – 9 "	04-320-230	04-321-230

Hysterektomieklemmen
Hysterectomy forceps
Pinces pour hystérectomie
Pinzas para histerectomía
Pinze per isterectomia

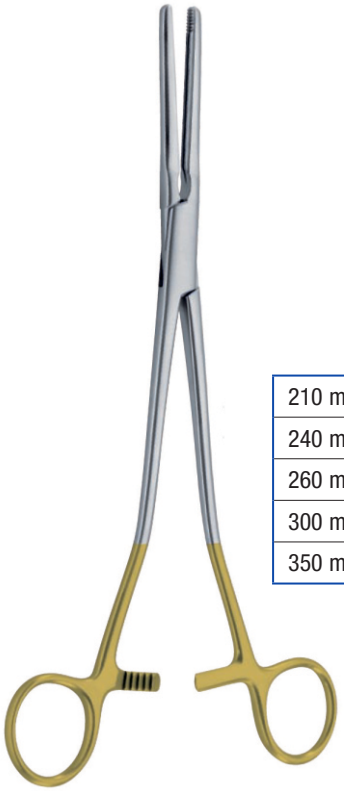


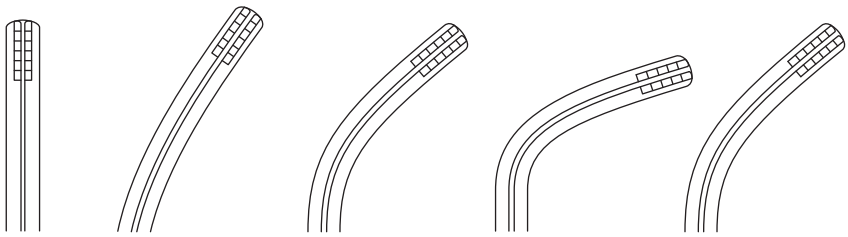




HEANEY-BALLENTINE		
210 mm – 8 ¼ "	04-322-210	04-323-210

Parametriumklemmen
Parametrium forceps
Pinces parametrium
Pinzas parametrium
Pinze parametrium





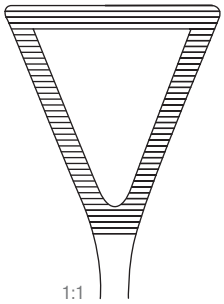
210 mm – 8¼"	04-324-210	04-325-210	04-327-210	04-329-210	04-331-210
240 mm – 9½"	04-324-240	04-325-240	04-327-240	04-329-240	04-331-240
260 mm – 10¼"	04-324-260	04-325-260	04-327-260	04-329-260	04-331-260
300 mm – 12"	04-324-300	04-325-300	04-327-300	04-329-300	04-331-300
350 mm – 13¾"	04-324-350	04-325-350	04-327-350	04-329-350	04-331-350

S-förmig gebogen
S-curved
coube en S
curva en S
curva a forma di S

lungenfasszangen
Lung grasping forceps

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







LOVELACE

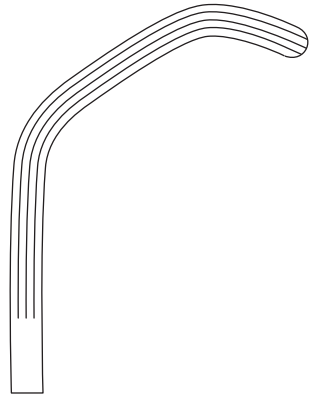
1:2

1:2

200 mm – 8 "	04-332-200	04-333-200

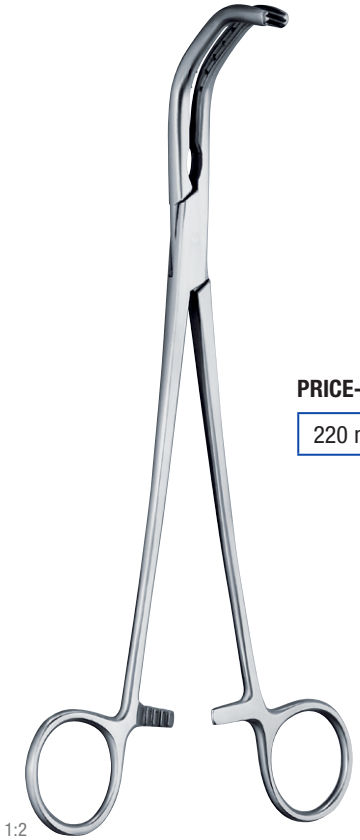
Bronchus- und gefäßklemmen
Bronchus and vascular clamps
Pinces vasculaires et pour bronches
Pinzas vasculares y bronquiales
Pinze vascolari e per bronchi

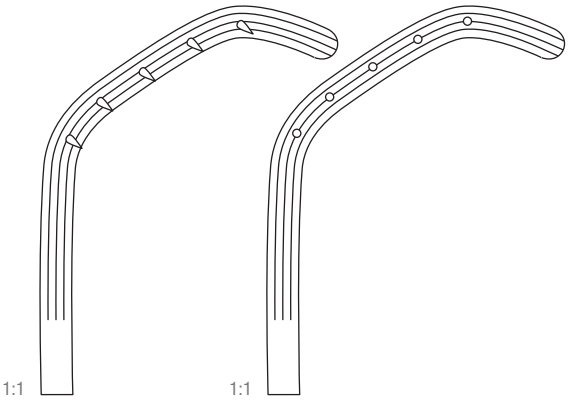

1:2


1:1

PRICE-THOMAS

220 mm – 8 ¾ "	04-340-220


1:2

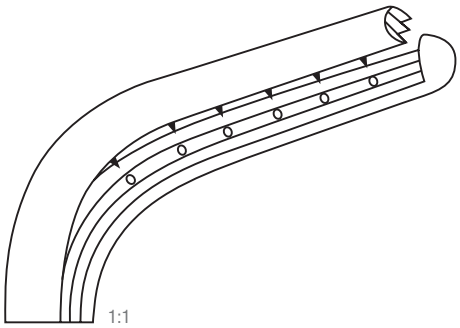

1:1 1:1

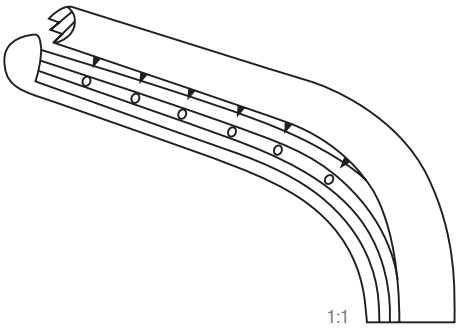
PRICE-THOMAS

220 mm – 8 ¾ "	04-337-220	04-339-220
	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
Pinzas vasculares y bronquiales
Pinze vascolari e per bronchi


1:2


1:1

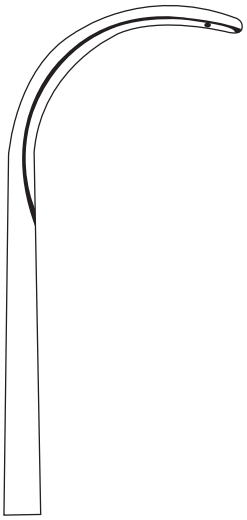

1:1

SAROT

230 mm – 9 "	04-341-230	04-342-230
	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


1:1

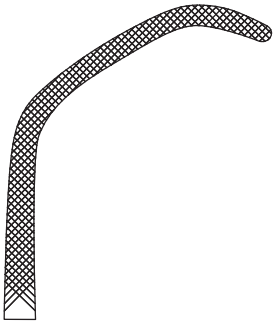

1:1

SEMB

240 mm – 9 ½ "	04-343-230	04-344-230

Bronchus- und gefäßklemmen
Bronchus and vascular clamps
Pinces vasculaires et pour bronches
Pinzas vasculares y bronquiales
Pinze vascolari e per bronchi

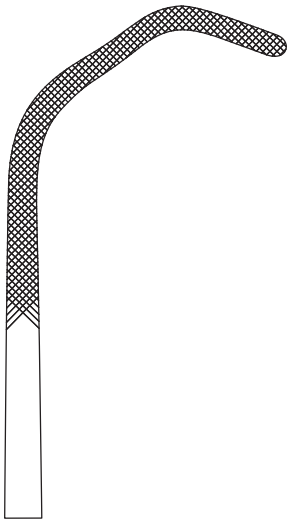

1:2

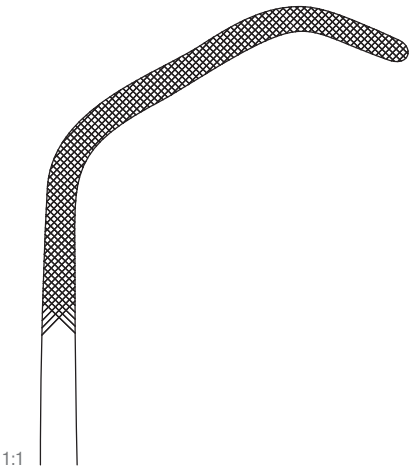

1:1

BABY-SATINSKY

150 mm – 6 "	356-321-150


1:2


1:1


1:1

SATINSKY

	Fig. 1	Fig. 1	Fig. 2	Fig. 2
265 mm – 10 ½ "	04-345-260	04-346-260	04-347-260	04-348-260
		S-förmig gebogen S-curved coube en S curva en S curva a forma di S		S-förmig gebogen S-curved coube en S curva en S curva a forma di S

Tuchklemmen
Towel forceps
Pinces à champs
Pinzas de campo
Pinze fissateli



BERNHARD

100 mm – 4 "	04-349-100
120 mm – 4 ¾ "	04-349-120
140 mm – 5 ½ "	04-349-140
165 mm – 6 ½ "	04-349-160
180 mm – 7 "	04-349-180



BACKHAUS

80 mm – 3 "	04-350-080
90 mm – 3 ½ "	04-350-090
110 mm – 4 ¼ "	04-350-110
130 mm – 5 "	04-350-130
150 mm – 6 "	04-350-150



ROEDER

130 mm – 5 "	04-351-130
150 mm – 6 "	04-351-150



1:2

110 mm – 4 "	04-352--110

mit Schlauchhalter
with clip for tube
avec porte-tuyeau
con soporte de tubo
con supporto per tubo

Tuchklemmen
Towel forceps
Pinces à champs
Pinzas de campo
Pinze fissateli



ROBIN 1:2

135 mm – 5¼"	04-353-135

mit Schlauchhalter bis 5 mm Ø
with clip for tube up to 5 mm Ø
avec porte-tuyeau à 5 mm Ø
con soporte de tubo hasta 5 mm Ø
con supporto per tubo fino a 5 mm Ø



JONES

50 mm – 2"	04-354-060
90 mm – 3½"	04-354-090



SCHAEDEL 1:2

90 mm – 3½"	04-355-090	17-220-090

gerade
straight
droit
recta
retto



DOYEN 1:2

180 mm – 7"	04-356-180



LORNA

100 mm – 4"	04-357-100
130 mm – 5"	04-357-130

Tuchklemmen
Towel forceps

Pinces à champs
Pinzas de campo
Pinze fissateli



LANE

130 mm – 5 "	04-358-130
150 mm – 6 "	04-358-150
200 mm – 8 "	04-358-200



TOHOKU-JAPAN

100 mm – 4 "	04-359-100
130 mm – 5 "	04-359-130



1:2

PEERS-BERTRAM

145 mm – 5¾ "	04-359-140



110 mm – 4⅜ "	04-360-110
130 mm – 5 "	04-360-130

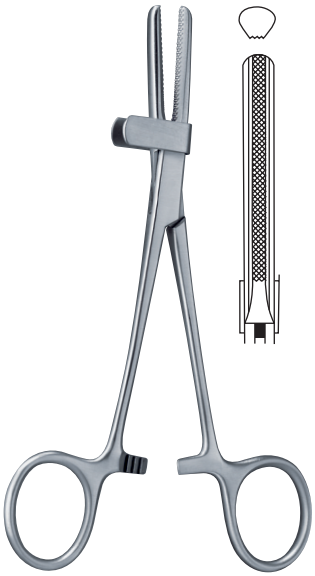
für Papierabdeckung
for paper clothes
pour couvertures en papier
para paños de papel
per copertura di carta

Schlauchklemmen
Tubing clamps

Presse-tubes
Pinzas para tubos
Pinze serratubi

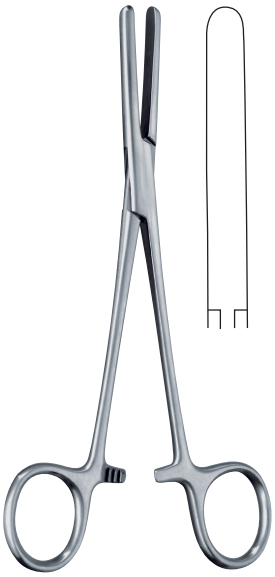


150 mm – 6 "	04-361-150
160 mm – 7 "	04-361-180
190 mm – 8 "	04-361-200

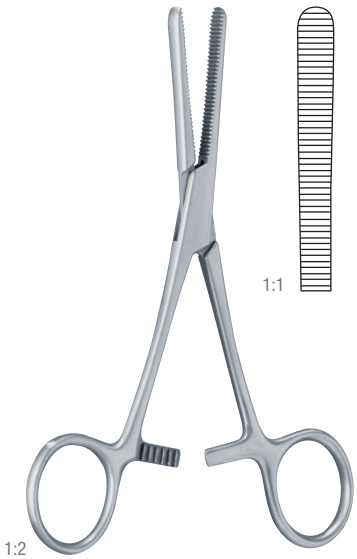


150 mm – 6 "	04-362-150
180 mm – 7 "	04-362-180
200 mm – 8 "	04-362-200

mit Schutzbügel
with protection
avec protection
con protector
con protettore



165 mm – 6 ½ "	13-984-165
180 mm – 7 "	13-984-180



KLINIKUM-BERLIN

145 mm – 5 ¾ "	04-363-145

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



GUNNAR

185 mm – 7 ¼ "	04-364-180

» Gefäßchirurgie

» Vascular surgery

» Chirurgie vasculaire

» Cirugía vascular

» Chirurgia vascolare

NJ ENTERPRISES



Gefäßstripper
Vein stripper
Tire-veines
Fleboextractores
Tiravene



1:1 1:1 1:1 1:1 1:1

	2 mm Ø	3 mm Ø	4 mm Ø	5 mm Ø	6 mm Ø
500 mm – 20 "	05-101-020	05-101-030	05-101-040	05-101-060	05-101-070

1:1 1:1 1:1 1:1

	8.5 mm Ø	10 mm Ø	12 mm Ø	14 mm Ø
500 mm – 20 "	05-101-080	05-101-100	05-101-120	05-101-140



1:2



1:2

120 mm – 4 ¾ "	05-102-120

Griff für 05-101-020 – 05-101-140
Handle for 05-101-020 – 05-101-140
Manche pour 05-101-020 – 05-101-140
Mango para 05-101-020 – 05-101-140
Manico per 05-101-020 – 05-101-140



RUMEL-BELMONT

	3.2 mm Ø	6.4 mm Ø		3.2 mm Ø	6.4 mm Ø
325 mm – 12 ¾ "	05-106-320	05-106-640		05-107-001	05-107-002
Tourniquet Tourniquet Tourniquet Torniquete Tourniquet	für Kinder for children pour enfants para niños per bambini	für Erwachsene for adults pour adultes para adultos per adulti	Führungsnadel, alleine Guide only pour adultes para adultos per adulti	für Kinder for children pour enfants para niños per bambini	für Erwachsene for adults pour adultes para adultos per adulti

Krampfaderbesteck
Varicose vein probe set
Trousse à varices
Juego para várices
Astuccio per varici

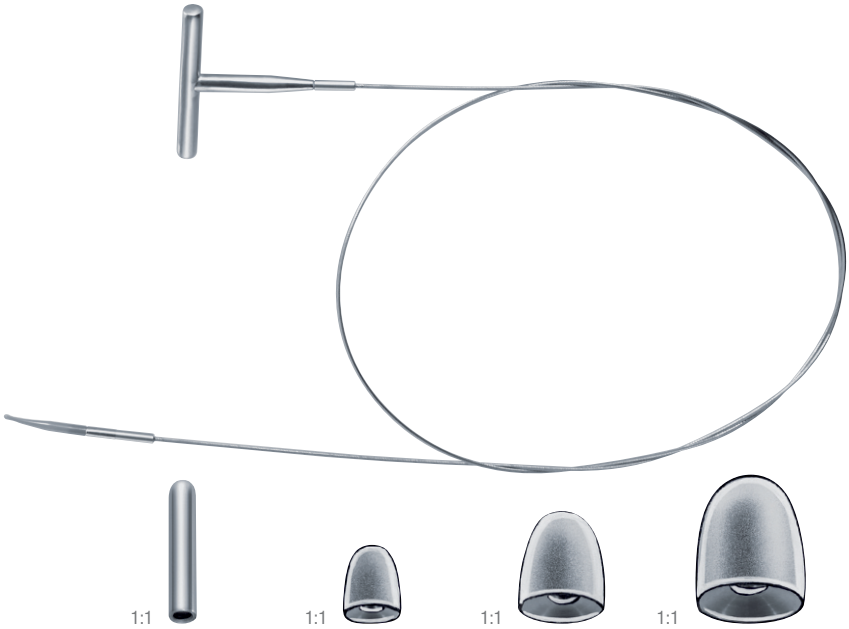


1:2

NABATOFF

135 mm x 100 mm x 25 mm
05-108-000

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

05-109-010	05-109-800	05-109-900	05-109-020
Metalletui Metal case Boîte métal Estuche Astuccio	Griff Handle Manche Mango Manico	Zugseil 900 mm Cable 900 mm Corde à traction 900 mm Cordón 900 mm Fune di trazione 900 mm	Sondenspitze, Kunststoff Probe tip in plastic Sonde en plastique Extremidad de sonda, plástica 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
05-109-030	05-109-060	05-109-090	05-109-120	05-109-150

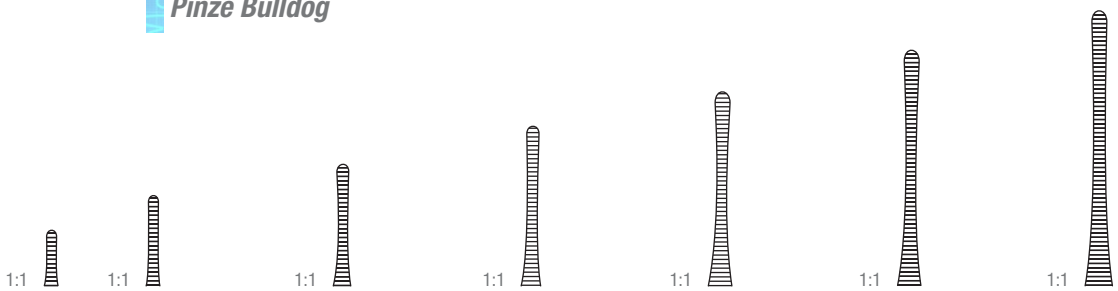
Sonde
Probe
Sonde
Sonda
Sonda

Olive
Olive
Olive
Oliva
Oliva

Bulldogklemmen
Bulldog clamps
Clamps Bulldog
Clamps Bulldog
Pinze Bulldog

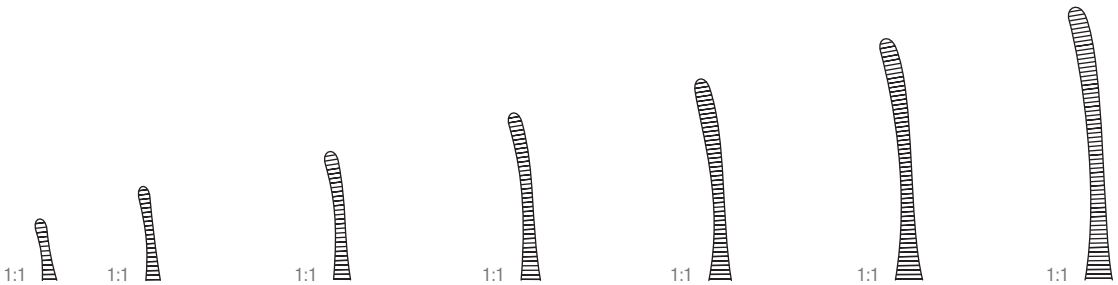


JOHNS-HOPKINS



38 mm – 1 ½ "	51 mm – 2 "	57 mm – 2 ¼ "	63 mm – 2 ½ "	70 mm – 2 ¾ "	75 mm – 3 "	90 mm – 3 ½ "
05-128-038	05-128-051	05-128-057	05-128-063	05-128-070	05-128-075	05-128-090

JOHNS-HOPKINS



38 mm – 1 ½ "	51 mm – 2 "	57 mm – 2 ¼ "	63 mm – 2 ½ "	70 mm – 2 ¾ "	75 mm – 3 "	90 mm – 3 ½ "
05-129-038	05-129-051	05-129-057	05-129-063	05-129-070	05-129-075	05-129-090



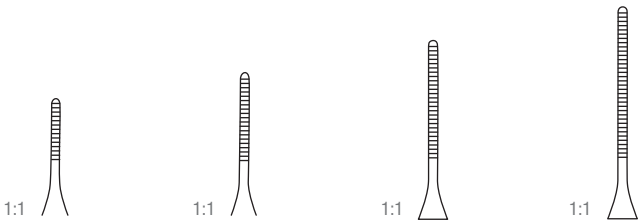
245 mm – 9 ¾ "
05-131-245

Anlegezange für Bulldogklemmen
Applying forceps for Bulldog clamps
Pince pour poser les clamps Bulldog
Pinza aplicadora para clamps Bulldog
Pinza per posizionare le pinze Bulldog

Bulldogklemmen
Bulldog clamps
Clamps Bulldog
Clamps Bulldog
Pinze Bulldog



DIETHRICH



	8 mm	12 mm	16 mm	20 mm
50 mm – 2 "	05-132-008	05-132-012	05-132-016	05-132-020



DIETHRICH



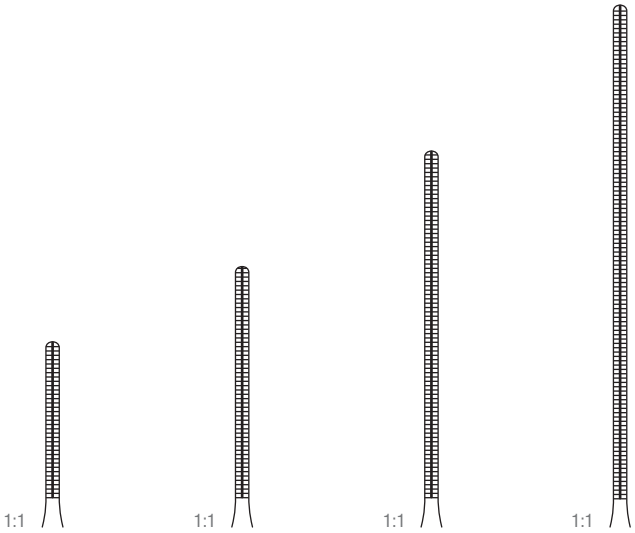
	8 mm	12 mm	13 mm	16 mm	18 mm	20 mm
50 mm – 2 "	05-133-008	05-133-012	05-133-013	05-133-016	05-133-018	05-133-020

Bulldogklemmen
Bulldog clamps

Clamps Bulldog
Clamps Bulldog
Pinze Bulldog

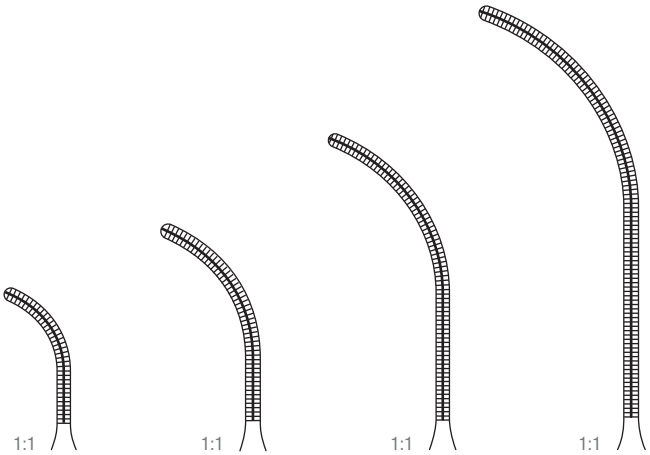
TC





COOLEY

Atrauma	Atrauma	Atrauma	Atrauma
80 mm – 3 ¼ "	90 mm – 3 ½ "	105 mm – 4 ¼ "	125 mm – 5 "
05-134-080	05-134-090	05-134-100	05-134-120



COOLEY

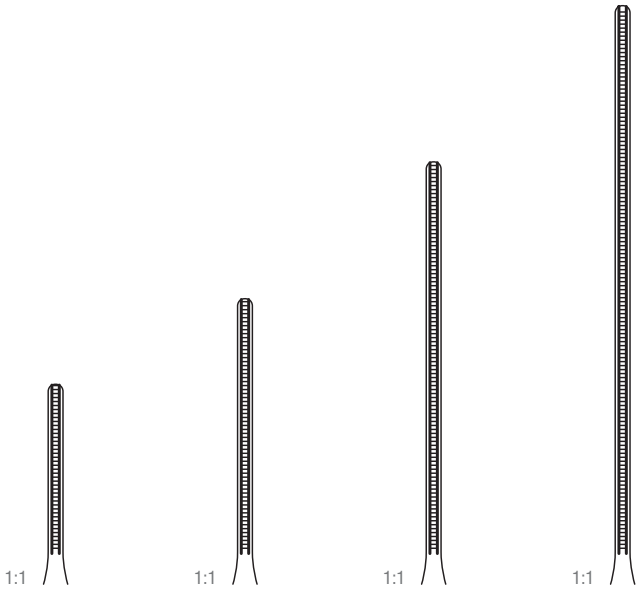
Atrauma	Atrauma	Atrauma	Atrauma
80 mm – 3 ¼ "	90 mm – 3 ½ "	105 mm – 4 ¼ "	125 mm – 5 "
05-135-080	05-135-090	05-135-100	05-135-120

Bulldogklemmen
Bulldog clamps

Clamps Bulldog
Clamps Bulldog
Pinze Bulldog

TC

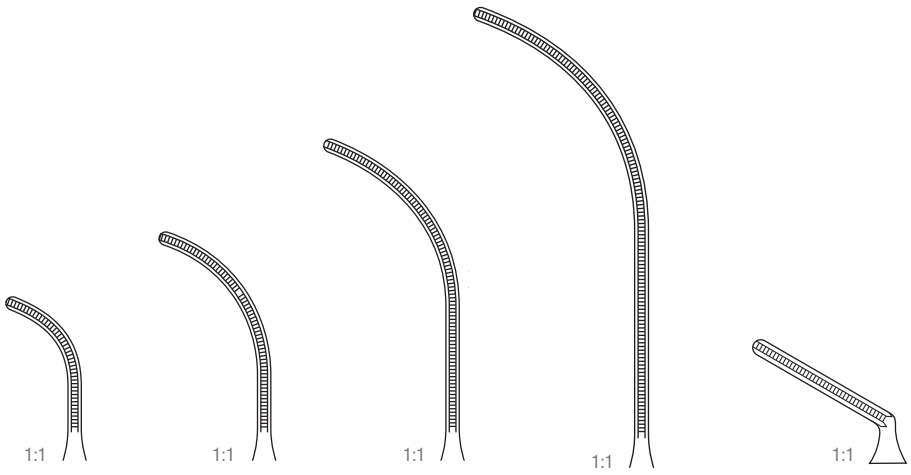




DE BAKEY

Atrauma	Atrauma	Atrauma	Atrauma
75 mm – 3 "	85 mm – 3 ¼ "	105 mm – 4 ¼ "	120 mm – 4 ¾ "
05-136-075	05-136-085	05-136-105	05-136-120





DE BAKEY

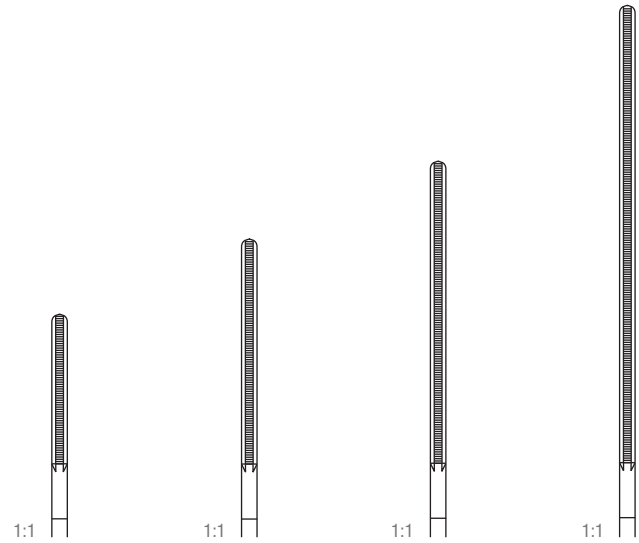
Atrauma	Atrauma	Atrauma	Atrauma	Atrauma
70 mm – 2 ¾ "	80 mm – 3 ¼ "	100 mm – 4 "	115 mm – 4 ½ "	55 mm – 2 ¼ "
05-137-070	05-137-080	05-137-100	05-137-115	14-125-055

abgewinkelt
angled on flat
coudée sur le plat
angulado
angolato

Bulldogklemmen
Bulldog clamps
Clamps Bulldog
Clamps Bulldog
Pinze Bulldog

TC

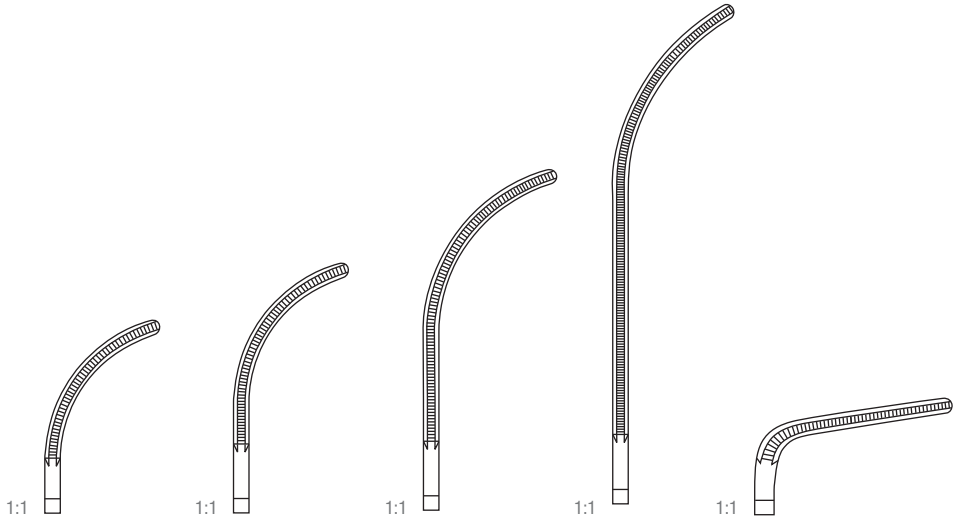




GLOVER

Atrauma	Atrauma	Atrauma	Atrauma
60 mm – 2 ½ "	70 mm – 2 ¾ "	90 mm – 3 ½ "	110 mm – 4 ¼ "
05-138-060	05-138-070	05-138-090	05-138-110





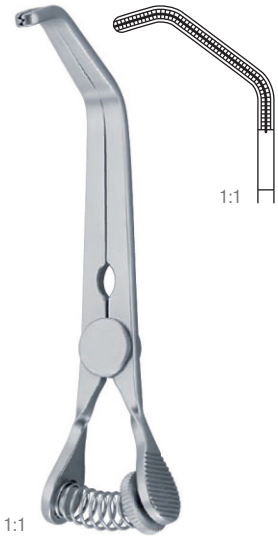
GLOVER

Atrauma	Atrauma	Atrauma	Atrauma	Atrauma
55 mm – 2 ¼ "	65 mm – 2 ½ "	85 mm – 3 ¼ "	105 mm – 4 ¼ "	50 mm – 2 "
05-139-055	05-139-065	05-139-085	05-139-105	14-135-050

abgewinkelt
angled on flat
coudée sur le plat
angulado
angolato

Bulldogklemmen
Bulldog clamps
Clamps Bulldog
Clamps Bulldog
Pinze Bulldog

TC



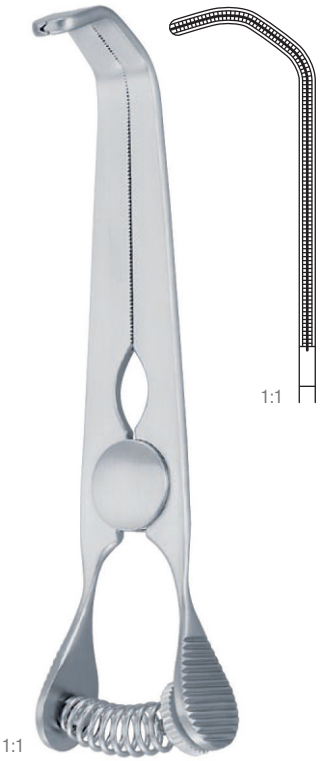
DE BAKEY-SATINSKY

Atrauma
70 mm – 2 ¾ "
05-140-070



DE BAKEY-CAROTIS

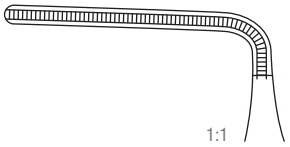
Atrauma
90 mm – 3 ½ "
05-141-090



DE BAKEY-SATINSKY

Atrauma
100 mm – 4 "
05-142-100

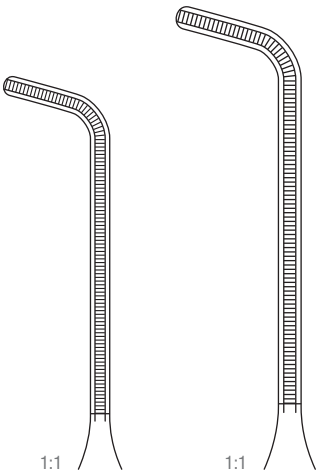




SANTULLI

Atrauma
70 mm – 2 ¾ "
05-143-070



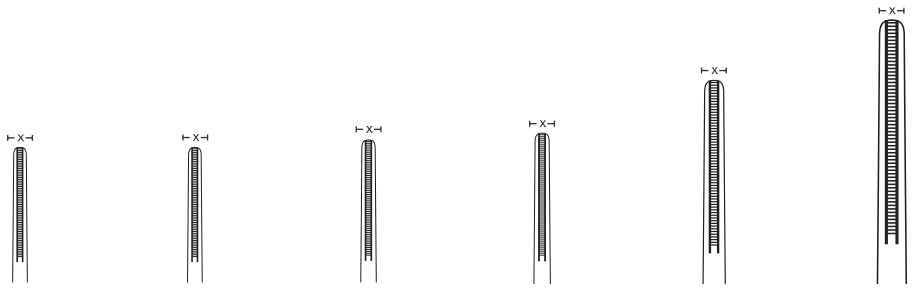


GREGORY-SOFT

Atrauma	Atrauma
90 mm – 3 ½ "	110 mm – 4 ¼ "
05-144-090	05-144-110

Atraumatische pinzetten
Atraumatic tissue forceps
Pinces atraumatiques
Pinzas atraumáticas de disección
Pinze atraumatiche per dissezione

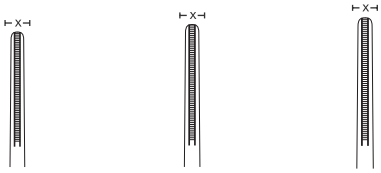
TC



DE BAKEY

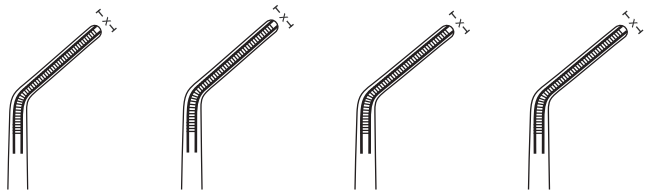
	Atrauma	Atrauma	Atrauma	Atrauma	Atrauma	Atrauma
	x = 1.0 mm	x = 1.2 mm	x = 1.5 mm	x = 2.0 mm	x = 2.8 mm	x = 3.5 mm
150 mm – 6 "	05-145-150	05-146-150	05-147-150	05-148-150	05-149-150	05-150-150
200 mm – 8 "	05-145-200	05-146-200	05-147-200	05-148-200	05-149-200	05-150-200
240 mm – 9 ½ "	05-145-240	05-146-240	05-147-240	05-148-240	05-149-240	05-150-240
300 mm – 12 "		05-146-300	05-147-300	05-148-300	05-149-300	05-150-300
350 mm – 13 ¾ "				05-148-350	05-149-350	05-150-350
380 mm – 15 "					05-149-380	05-150-380
400 mm – 15 ¾ "					05-149-400	





DE BAKEY

	Light weight	Light weight	Light weight
	x = 1.2 mm	x = 1.5 mm	x = 2.0 mm
150 mm – 6 "	05-145-150 LW		05-148-150 LW
200 mm – 8 "		05-145-200 LW	
240 mm – 9 ½ "		05-145-240 LW	
300 mm – 12 "		05-145-300 LW	

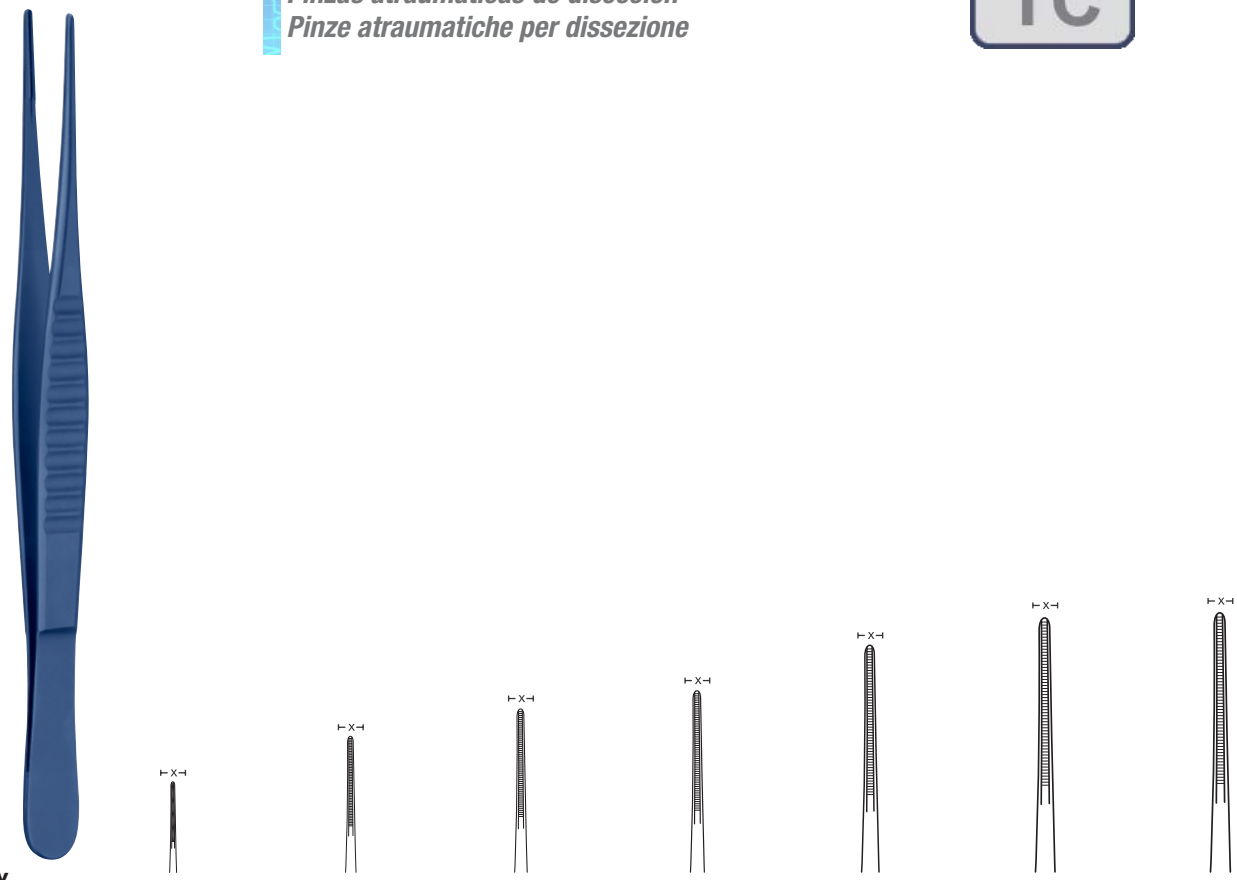


DE BAKEY

	Atrauma	Atrauma	Atrauma	Light weight
	x = 1.5 mm	x = 2.0 mm	x = 3.5 mm	x = 2.0 mm
150 mm – 6 "	05-151-150	05-152-150	05-153-150	05-152-150 LW
200 mm – 8 "		05-152-200	05-153-200	
240 mm – 9 ½ "		05-152-240	05-153-240	
300 mm – 12 "		05-152-300	05-153-300	

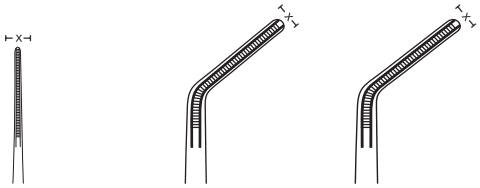
Atraumatische pinzetten
Atraumatic tissue forceps
Pinces atraumatiques
Pinzas atraumáticas de disección
Pinze atraumatiche per dissezione

TC



DE BAKEY

	Titan / Atrauma	Titan / Atrauma	Titan / Atrauma	Titan / Atrauma	Titan / Atrauma	Titan / Atrauma	Titan / Atrauma
	x = 1.0 mm	x = 1.5 mm	x = 1.8 mm	x = 2.0 mm	x = 2.5 mm	x = 2.8 mm	x = 3.5 mm
150 mm – 6 "	05-154-150	05-155-150	05-156-150	05-157-150	05-158-150	05-160-150	05-166-150
200 mm – 8 "	05-154-200	05-155-200	05-156-200	05-157-200	05-158-200	05-160-200	05-166-200
240 mm – 9 ½ "	05-154-240	05-155-240	05-156-240	05-157-240	05-158-240	05-160-240	05-166-240
300 mm – 12 "				05-157-300	05-158-300	05-160-300	05-166-300
350 mm – 13 ¾ "							05-166-350



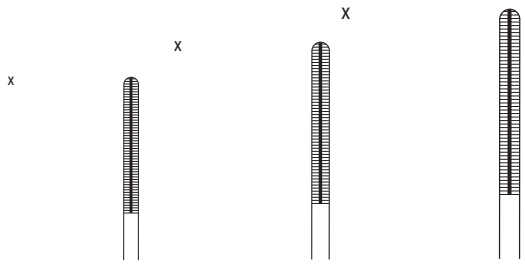
DE BAKEY

	Titan / Atrauma	Titan / Atrauma	Titan / Atrauma
	x = 1.5 mm	x = 2.0 mm	x = 2.4 mm
160 mm – 6 ¼ "	05-172-150	05-175-150	
200 mm – 8 "	05-172-200	05-175-200	05-177-200
240 mm – 9 ½ "		05-175-240	
300 mm – 12 "		05-175-300	

Atraumatische pinzetten
Atraumatic tissue forceps
Pinces atraumatiques
Pinzas atraumáticas de disección
Pinze atraumatiche per dissezione

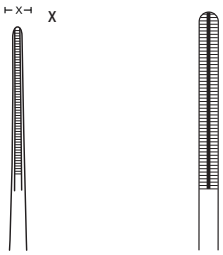
TC





	Atrauma	Atrauma	Atrauma
	x = 2.0 mm	x = 2.5 mm	x = 3.0 mm
150 mm – 6 "	05-178-150	05-179-150	05-180-150
200 mm – 8 "	05-178-200	05-179-200	05-180-200
240 mm – 9 ½ "	05-178-240	05-179-240	05-180-240

rostfrei
stainless
inoxydable
inoxidable
inossidabile



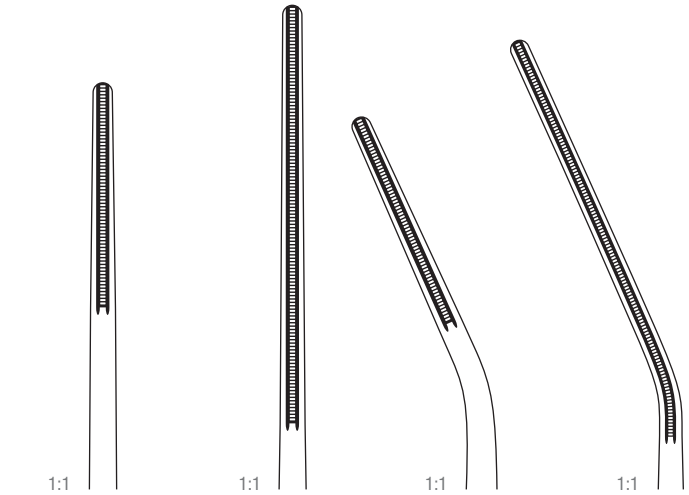
	Titan / Atrauma	Titan / Atrauma
	x = 2.5 mm	x = 3.0 mm
150 mm – 6 "	05-181-150	05-182-150
200 mm – 8 "	05-181-200	05-182-200
240 mm – 9 ½ "	05-181-240	05-182-240

Bulldogklemmen mit Ringgriff
Ring handle Bulldog clamps

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

TC

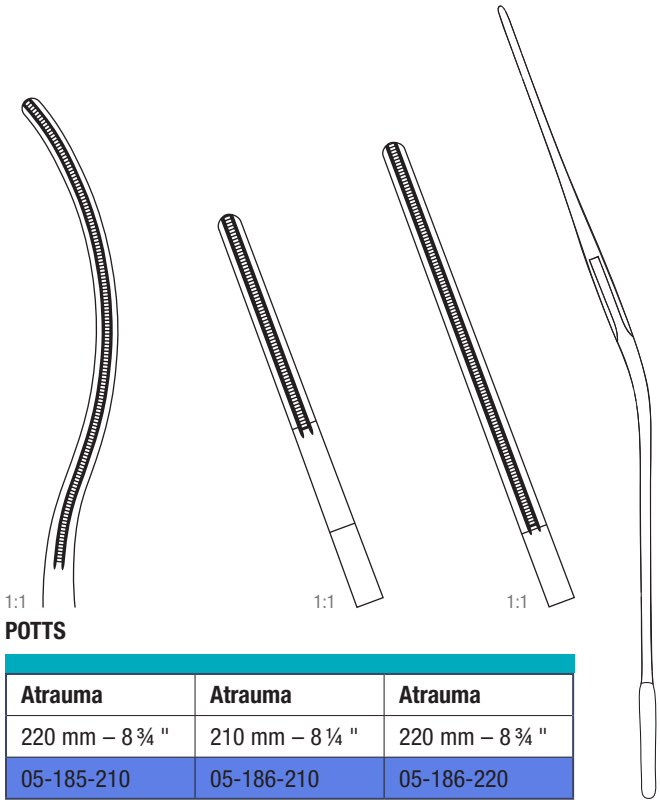




POTTS

Atrauma	Atrauma	Atrauma	Atrauma
200 mm – 8 "	220 mm – 8 ¾ "	200 mm – 8 "	220 mm – 8 ¾ "
05-183-200	05-183-220	05-184-200	05-184-220



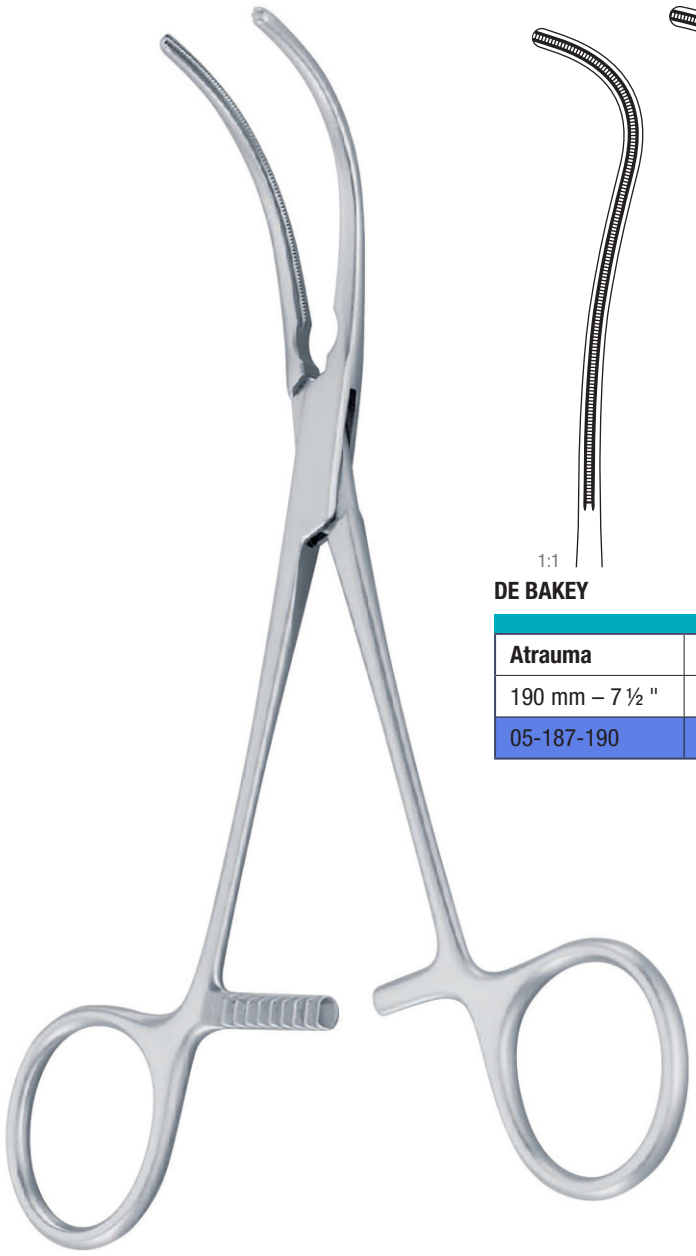


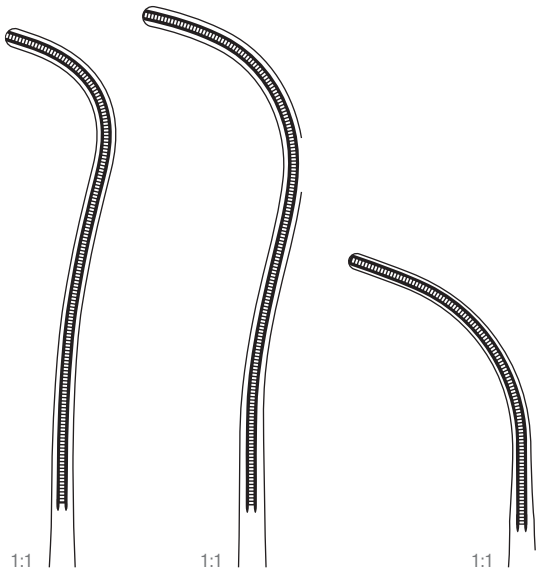
POTTS

Atrauma	Atrauma	Atrauma
220 mm – 8 ¾ "	210 mm – 8 ¼ "	220 mm – 8 ¾ "
05-185-210	05-186-210	05-186-220

Gefäßklemmen
Vascular forceps
Pinces vasculaires
Pinzas vasculares
Pinze vascolari

TC



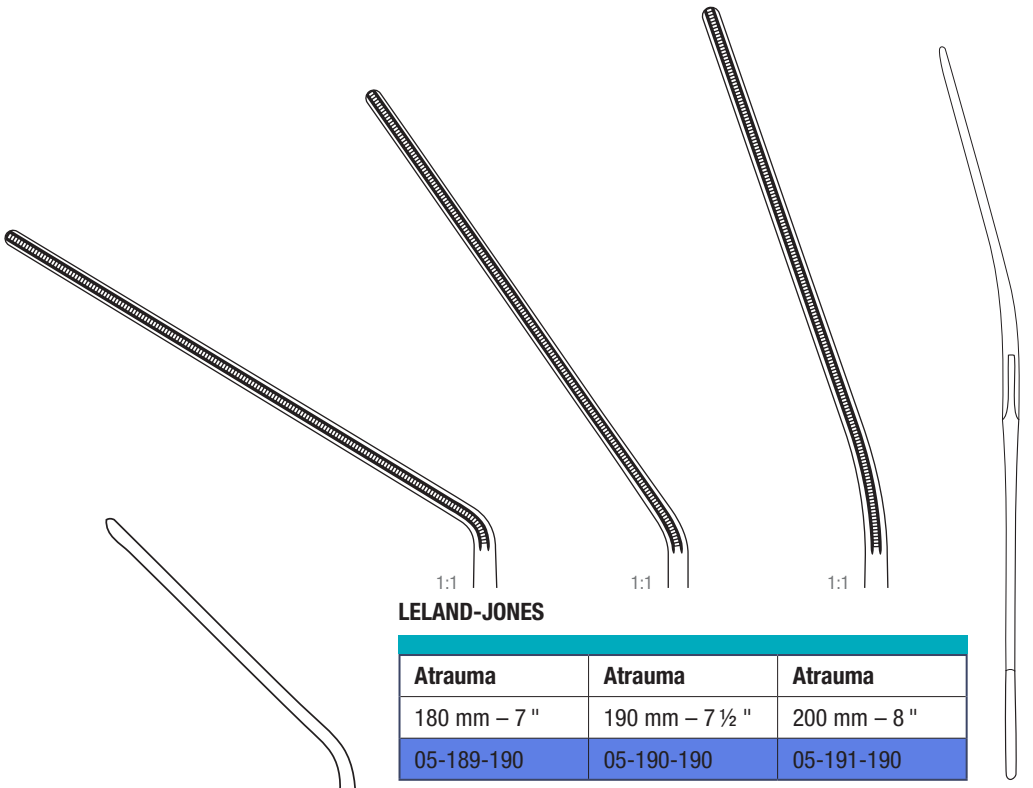


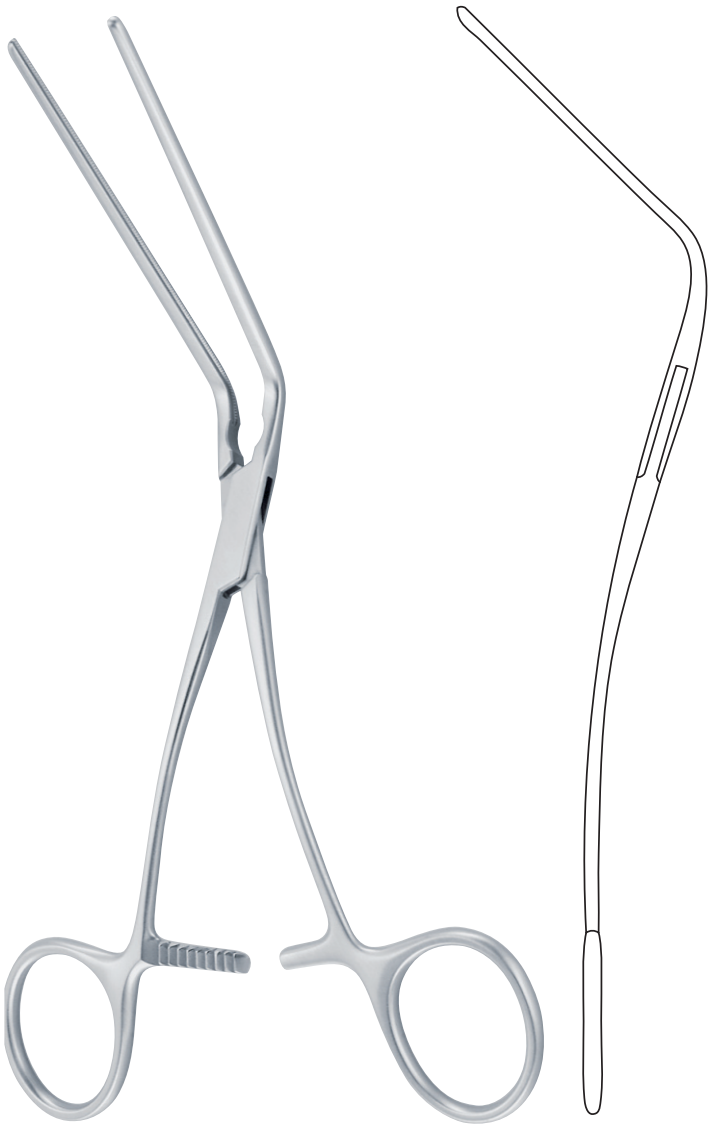
DE BAKEY

Atrauma	Atrauma	Atrauma
190 mm – 7 ½ "	230 mm – 9 "	160 mm – 6 ¼ "
05-187-190	05-187-230	05-188-160

Gefäßklemmen
Vascular forceps
Pinces vasculaires
Pinzas vasculares
Pinze vascolari

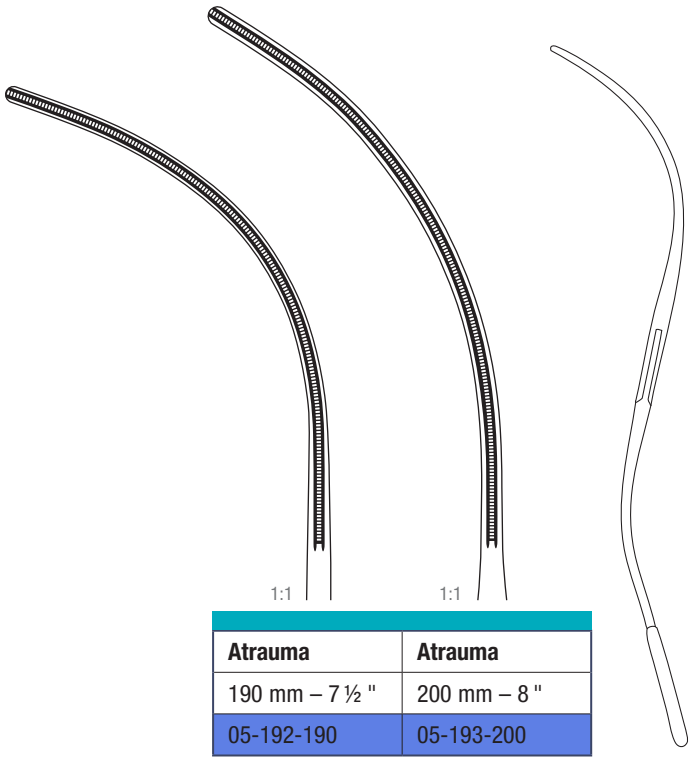
TC





LELAND-JONES

Atrauma	Atrauma	Atrauma
180 mm – 7 "	190 mm – 7 ½ "	200 mm – 8 "
05-189-190	05-190-190	05-191-190

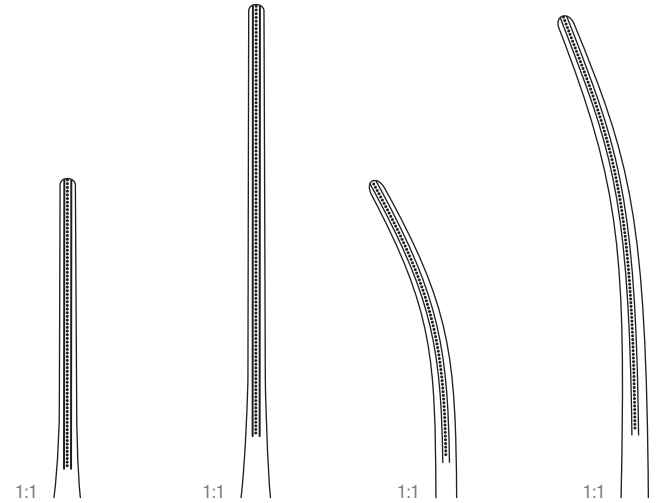


Atrauma	Atrauma
190 mm – 7 ½ "	200 mm – 8 "
05-192-190	05-193-200

Gefäßklemmen
Vascular forceps
Pinces vasculaires
Pinzas vasculares
Pinze vascolari

TC

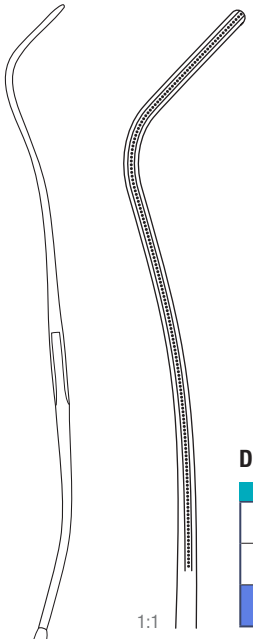




BAINBRIDGE, LIGHT

Atrauma	Atrauma	Atrauma	Atrauma
150 mm – 6 "	180 mm – 7 "	150 mm – 6 "	180 mm – 7 "
05-194-150	05-194-180	05-195-150	05-195-180





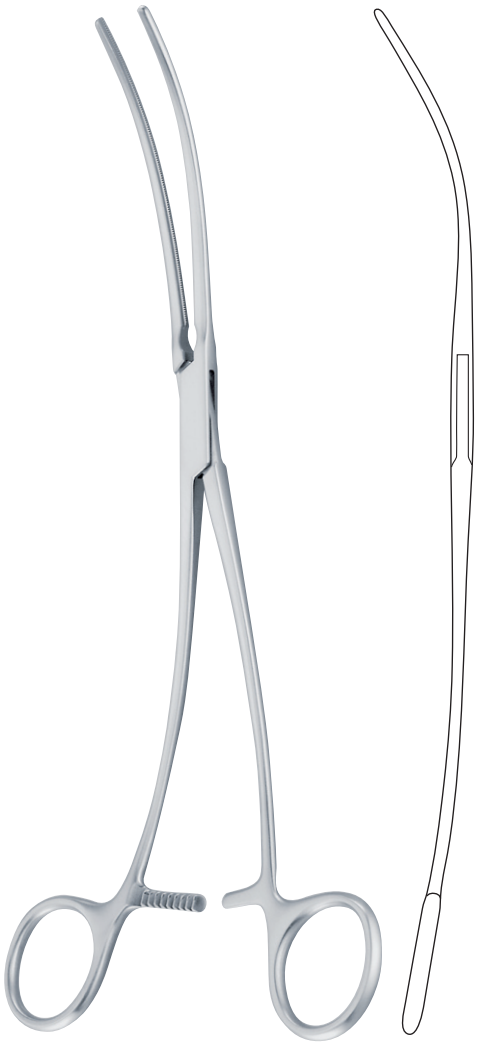
DE BAKEY

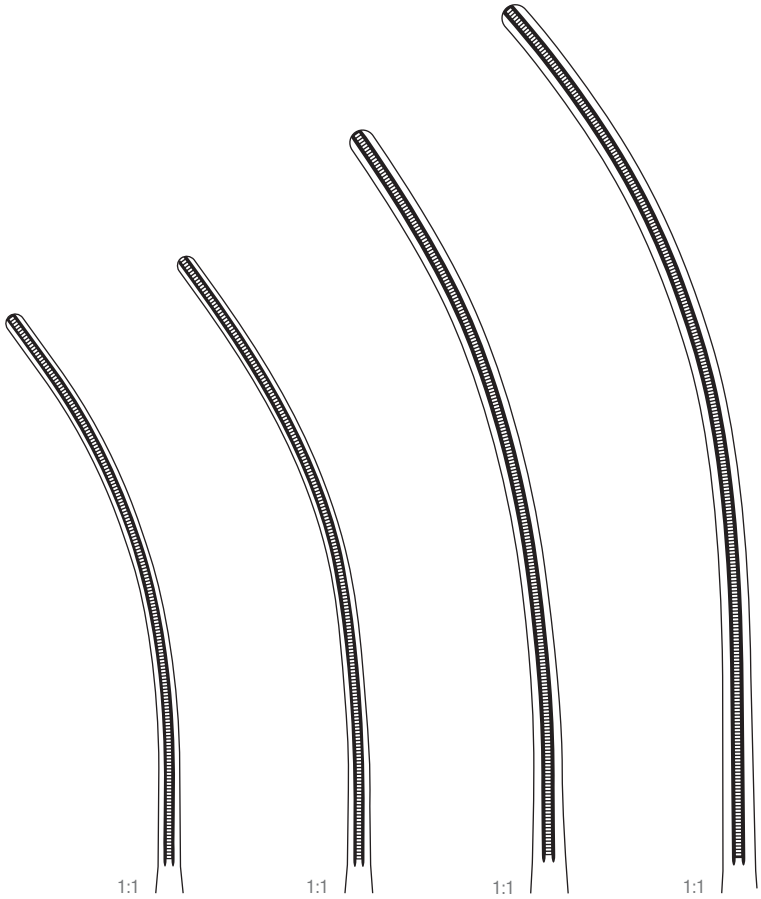
Atrauma
200 mm – 8 "
05-187-200

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

Gefäßklemmen
Vascular forceps
Pinces vasculaires
Pinzas vasculares
Pinze vascolari

TC





DE BAKEY

Atrauma	Atrauma	Atrauma	Atrauma
260 mm – 10 ¼ "	270 mm – 10 ¾ "	310 mm – 12 ¼ "	330 mm – 13 ¾ "
05-196-240	05-196-270	05-196-310	05-196-350

C-förmig gebogen
C-curved
courbe en C
curva en C
curva a forma C

Gefäßklemmen
Vascular forceps
Pinces vasculaires
Pinzas vasculares
Pinze vascolari

TC



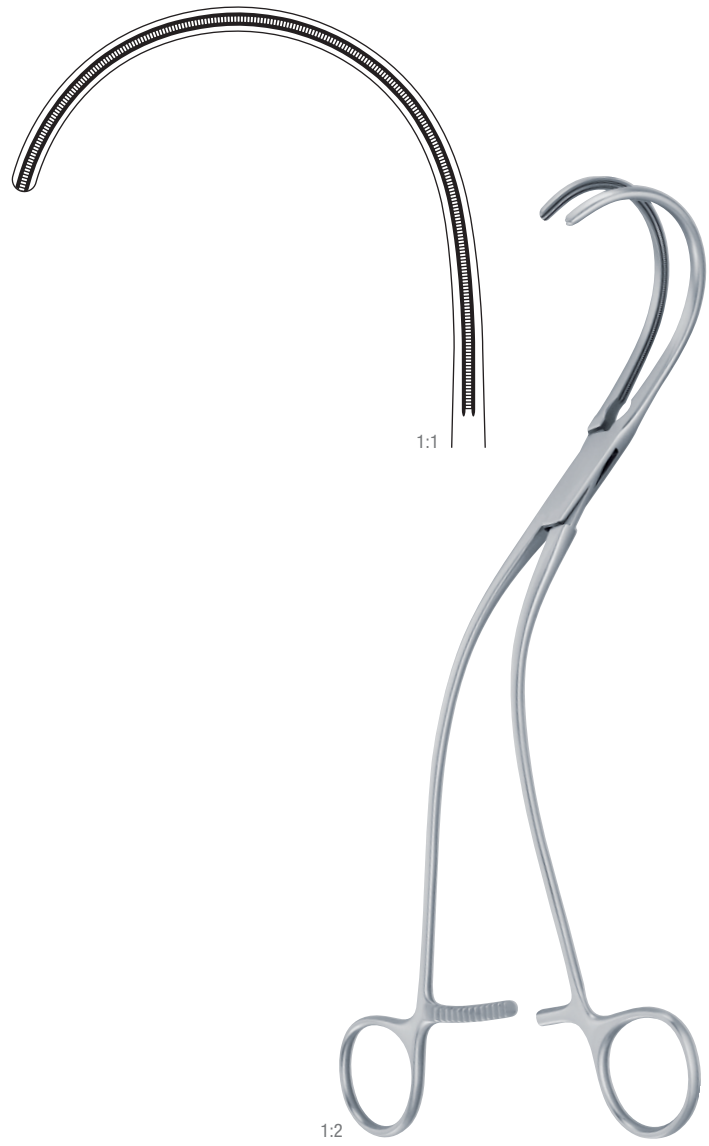
DE BAKEY

Atrauma	Atrauma
280 mm – 11 "	280 mm – 11 "
05-197-280	05-198-280
	S-förmig gebogen S-curved courbe en S curva en S curva a forma S

Gefäßklemmen
Vascular forceps
Pinces vasculaires
Pinzas vasculares
Pinze vascolari

TC





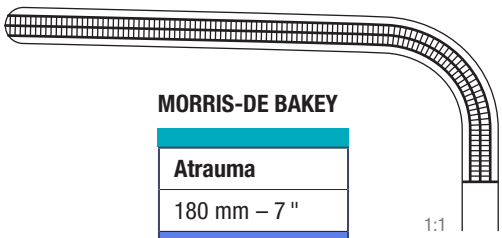
WEBER

Atrauma	**Atrauma**
260 mm – 10 ¼ "	260 mm – 10 ¼ "
05-199-260	05-200-260
links gebogen curved left courbe à gauche curva a la izquierda curvata a sinistra	rechts gebogen curved right courbe à droite curva a la derecha curvata a destra

Gefäßklemmen
Vascular forceps
Pinces vasculaires
Pinzas vasculares
Pinze vascolari

TC

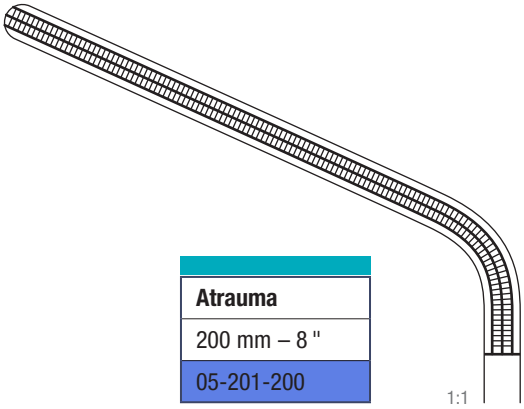




MORRIS-DE BAKEY

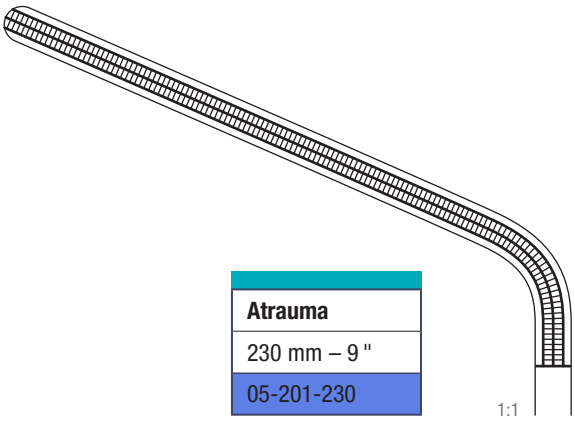
Atrauma
180 mm – 7 "
05-201-180

1:1



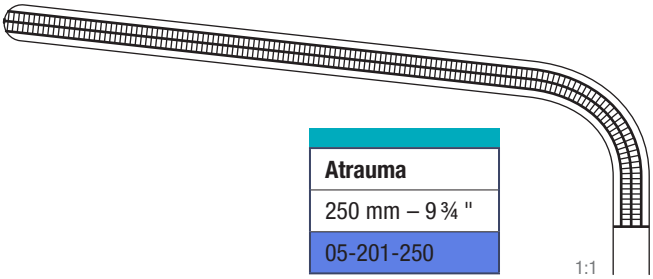
Atrauma
200 mm – 8 "
05-201-200

1:1



Atrauma
230 mm – 9 "
05-201-230

1:1



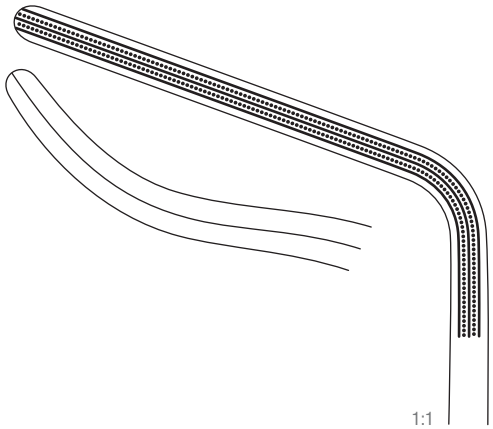
Atrauma
250 mm – 9 ¾ "
05-201-250

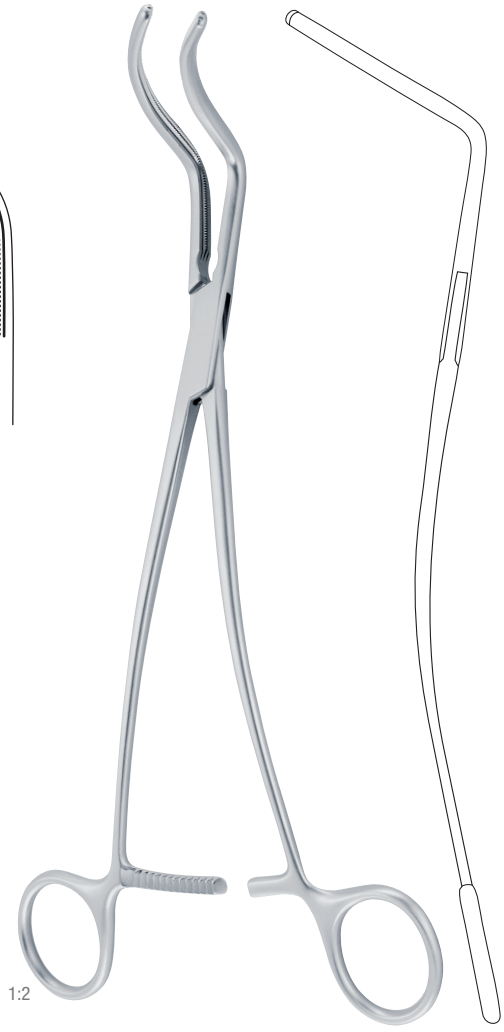
1:1

Gefäßklemmen
Vascular forceps

Pinces vasculaires
Pinzas vasculares
Pinze vascolari

TC





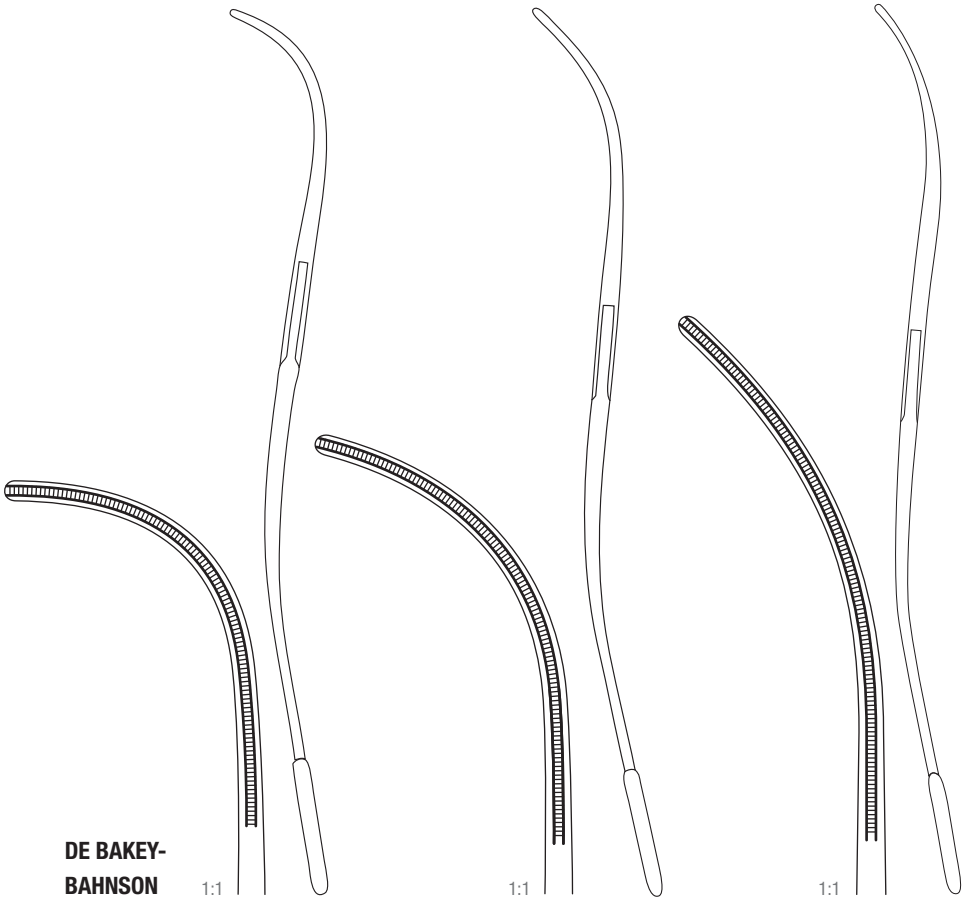
DE BAKEY

Atrauma
270 mm – 10 ¾ "
05-202-270

Gefäßklemmen
Vascular forceps
Pinces vasculaires
Pinzas vasculares
Pinze vascolari

TC





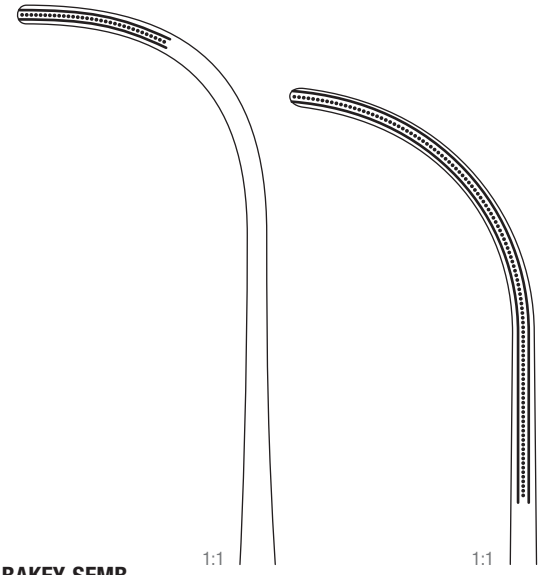
DE BAKEY-BAHNSON

Atrauma	Atrauma	Atrauma
240 mm – 9 ½ "	250 mm – 9 ¾ "	260 mm – 10 ¼ "
05-203-240	05-203-250	05-203-260

Gefäßklemmen
Vascular forceps
Pinces vasculaires
Pinzas vasculares
Pinze vascolari

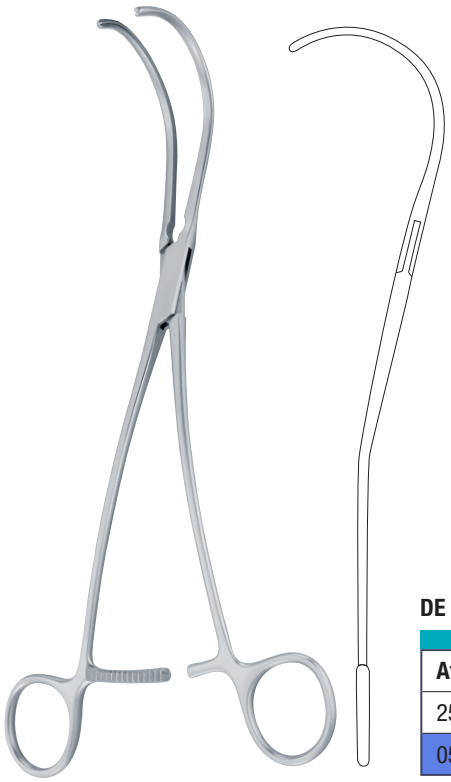
TC

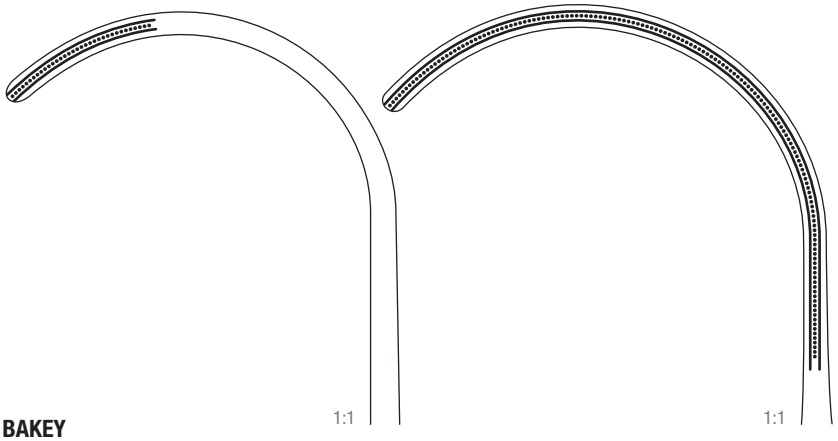




DE BAKEY-SEMB

	Atrauma	Atrauma
240 mm – 9 ½ "	05-204-240	05-205-240



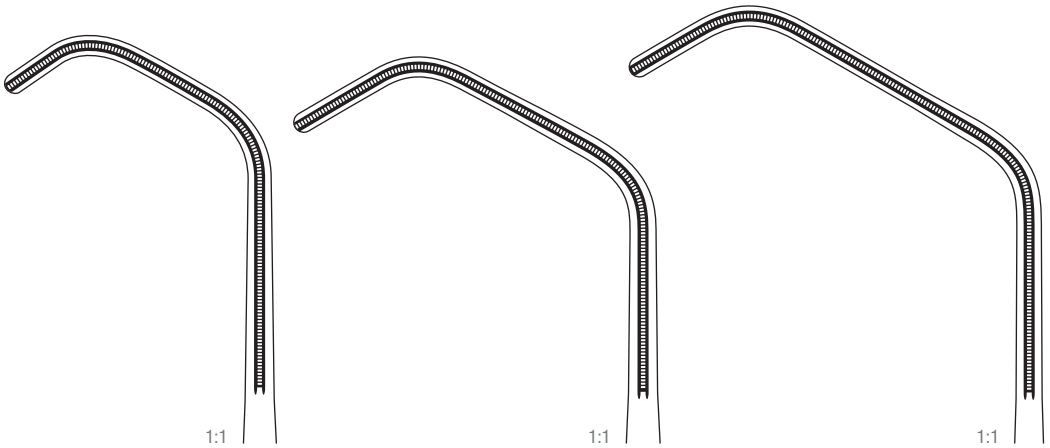


DE BAKEY

Atrauma	Atrauma
250 mm – 10 "	260 mm – 10 ¼ "
05-206-250	05-206-260

Gefäßklemmen
Vascular forceps
Pinces vasculaires
Pinzas vasculares
Pinze vascolari

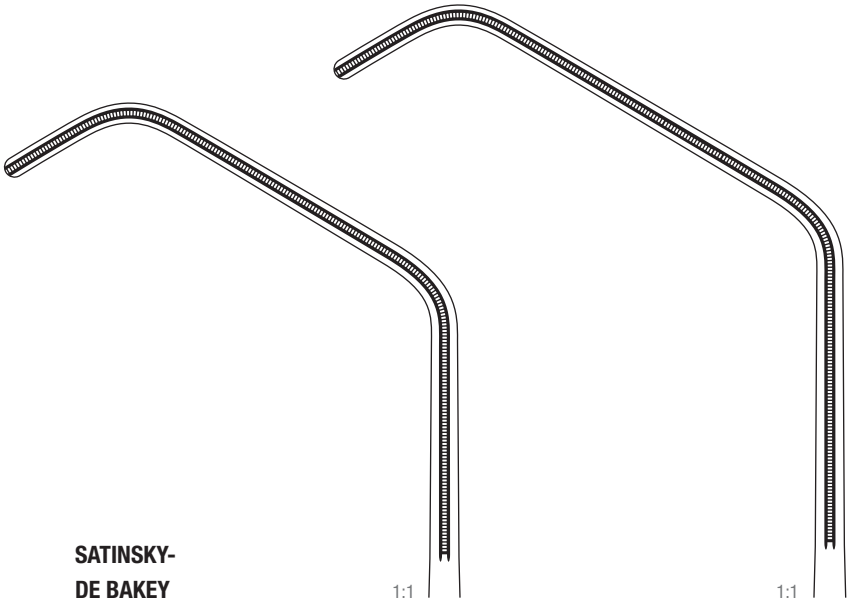
TC



SATINSKY-
DE BAKEY

Atrauma	Atrauma	Atrauma
205 mm – 8 "	240 mm – 9 ¾ "	250 mm – 10 "
05-207-200	05-207-240	05-207-250



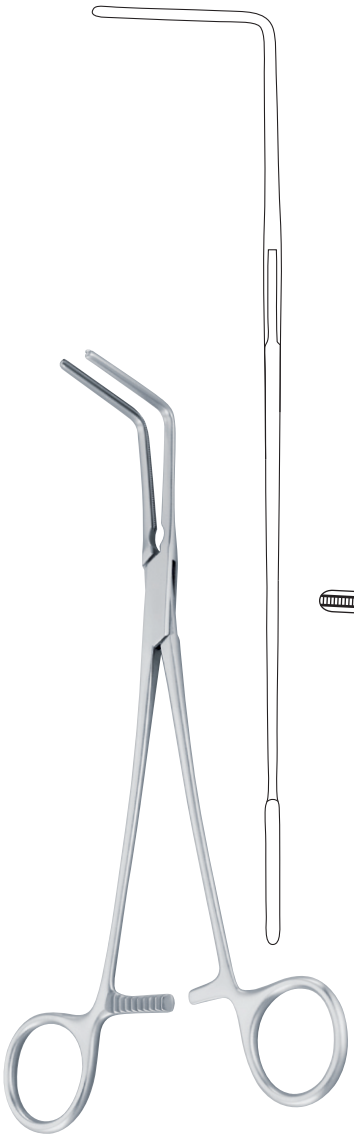


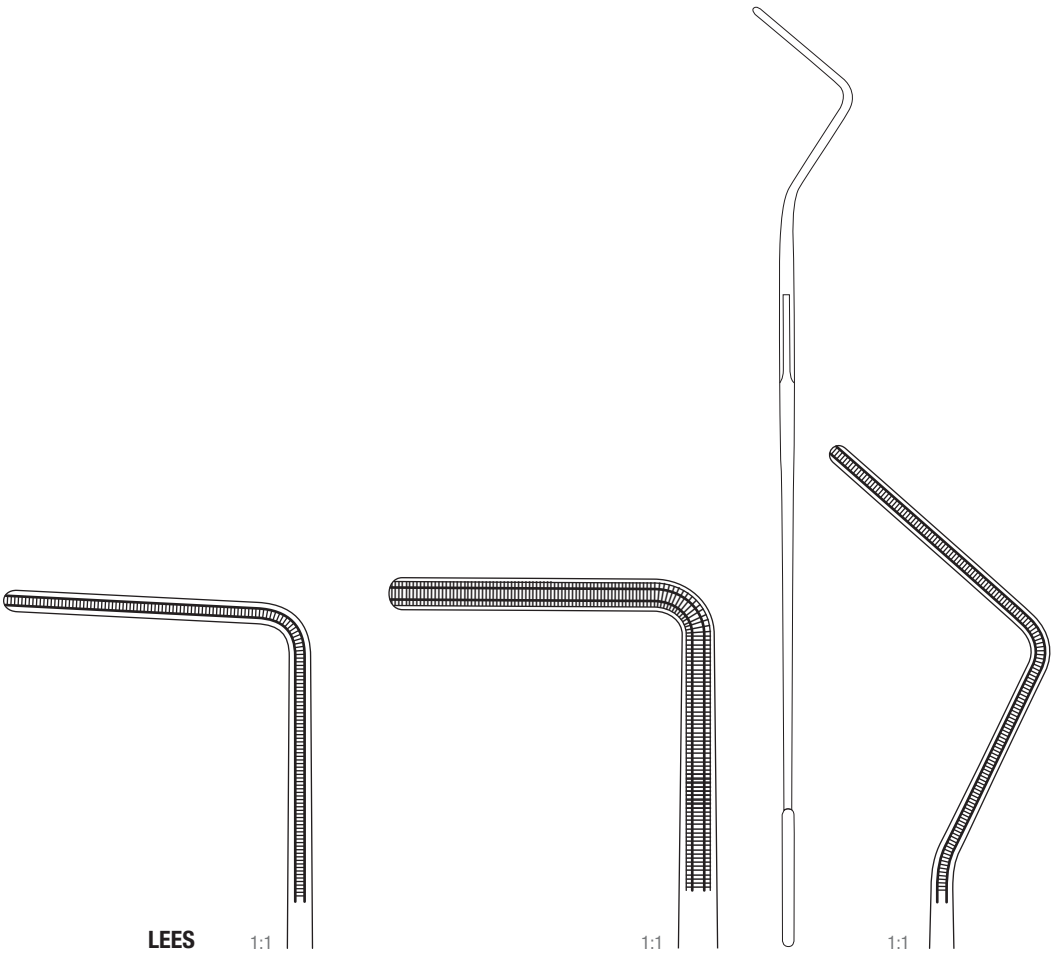
SATINSKY-
DE BAKEY

Atrauma	Atrauma
265 mm – 10 ½ "	275 mm – 10 ¾ "
05-207-260	05-207-270

Gefäßklemmen
Vascular forceps
Pinces vasculaires
Pinzas vasculares
Pinze vascolari

TC





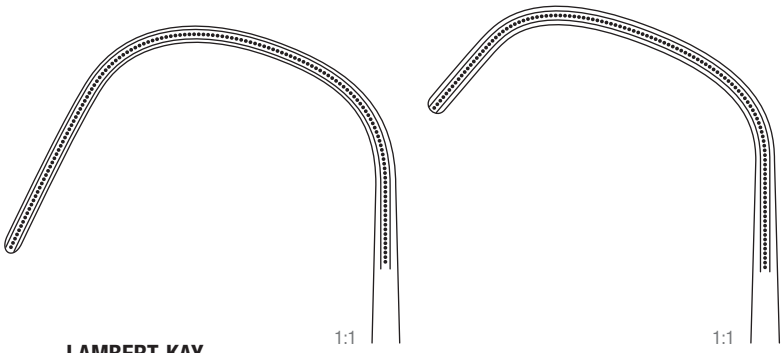
LEES

Atrauma	Atrauma	Atrauma
230 mm – 9 "	250 mm – 9 ¾ "	250 mm – 9 ¾ "
05-208-230	05-208-250	05-209-250

Gefäßklemmen
Vascular forceps
Pinces vasculaires
Pinzas vasculares
Pinze vascolari

TC



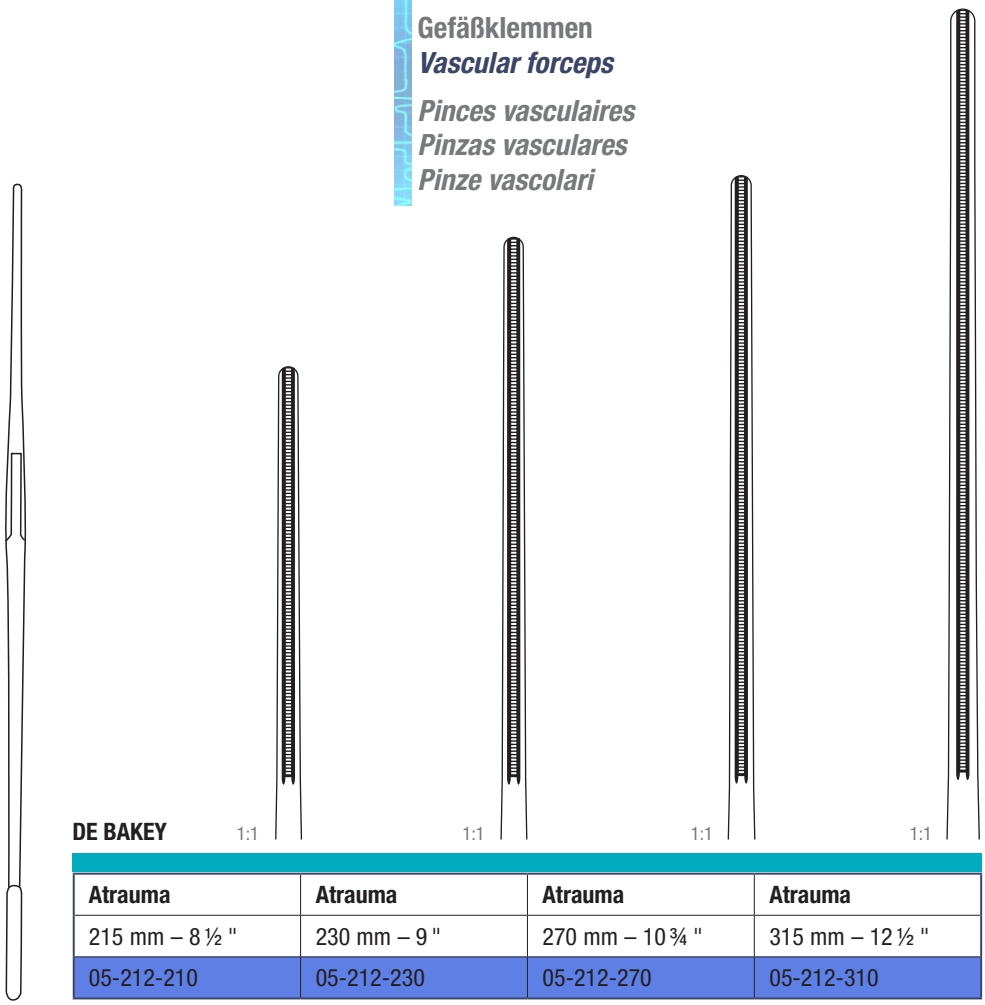


LAMBERT-KAY

	Atrauma	Atrauma
200 mm – 8 "	05-210-200	05-211-200

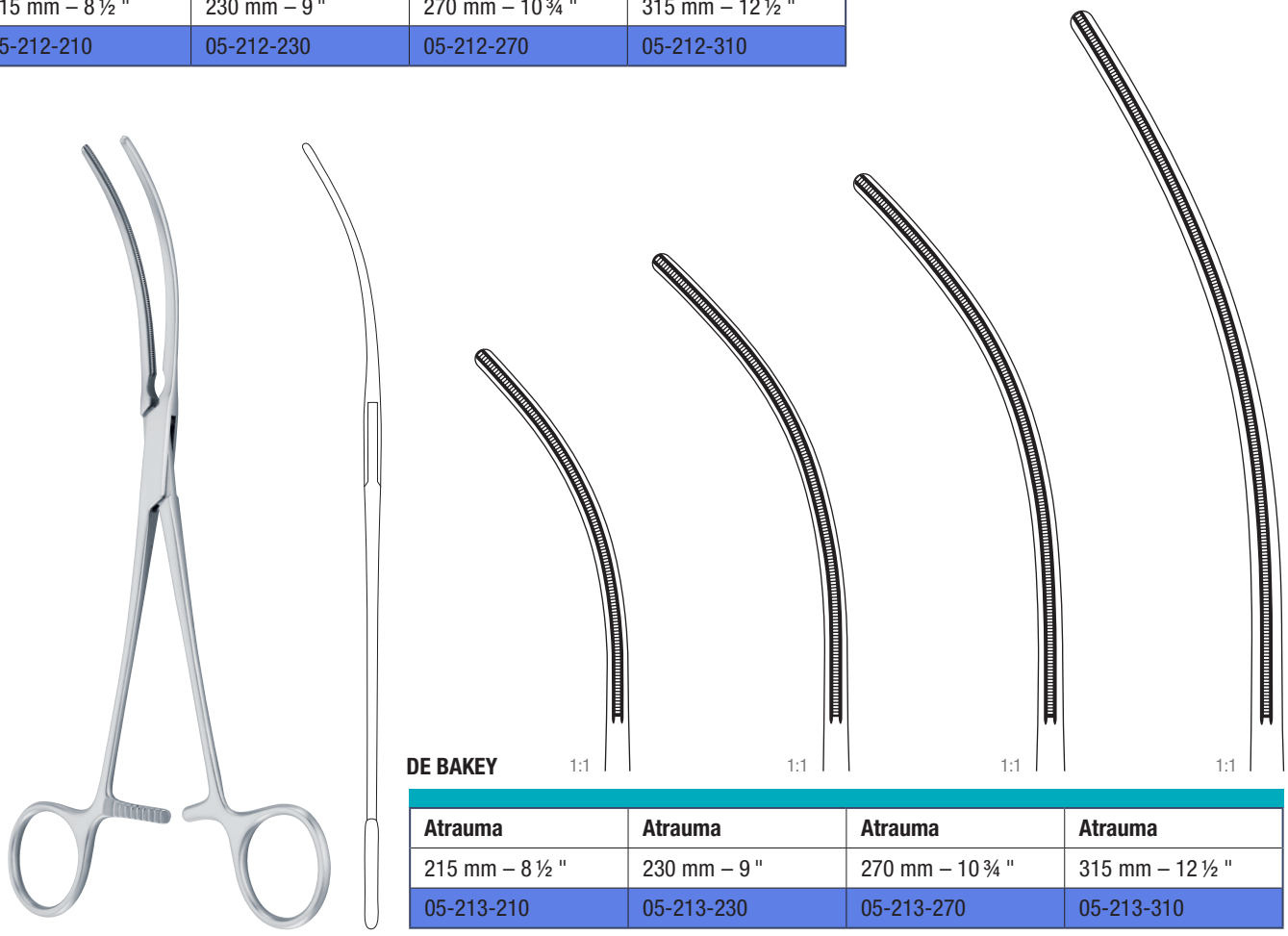
Gefäßklemmen
Vascular forceps
Pinces vasculaires
Pinzas vasculares
Pinze vascolari

TC



DE BAKEY

Atrauma	Atrauma	Atrauma	Atrauma
215 mm – 8 ½ "	230 mm – 9 "	270 mm – 10 ¾ "	315 mm – 12 ½ "
05-212-210	05-212-230	05-212-270	05-212-310



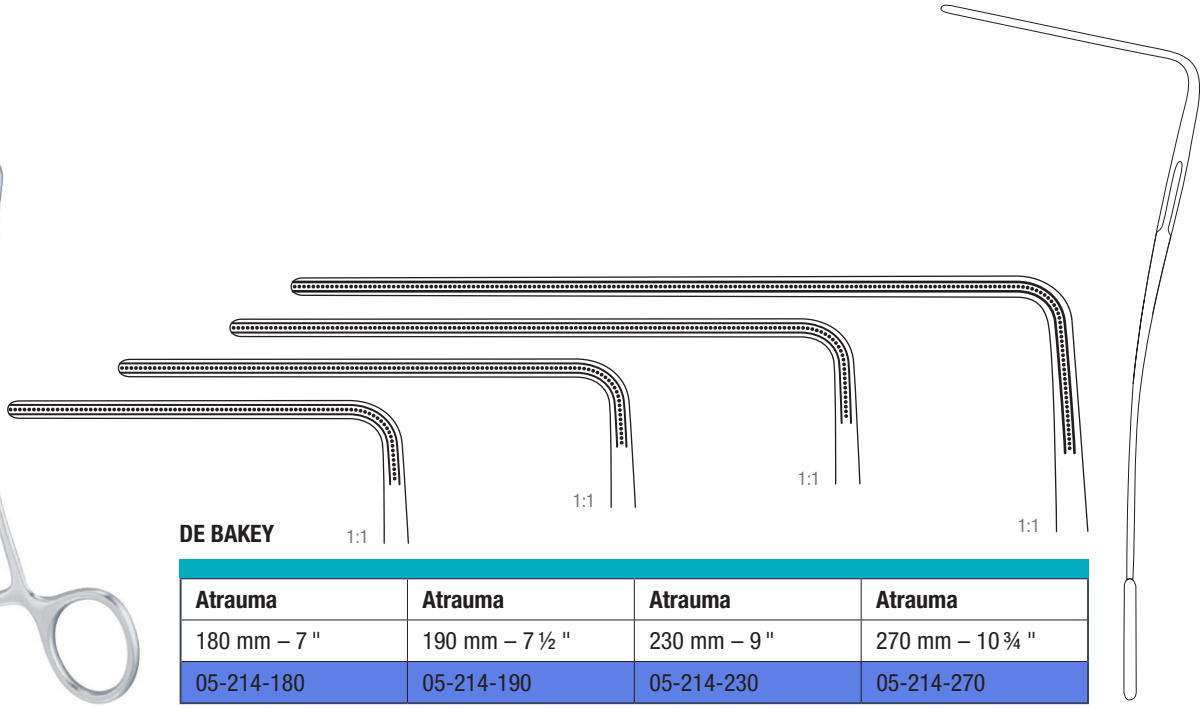
DE BAKEY

Atrauma	Atrauma	Atrauma	Atrauma
215 mm – 8 ½ "	230 mm – 9 "	270 mm – 10 ¾ "	315 mm – 12 ½ "
05-213-210	05-213-230	05-213-270	05-213-310

Gefäßklemmen
Vascular forceps
Pinces vasculaires
Pinzas vasculares
Pinze vascolari

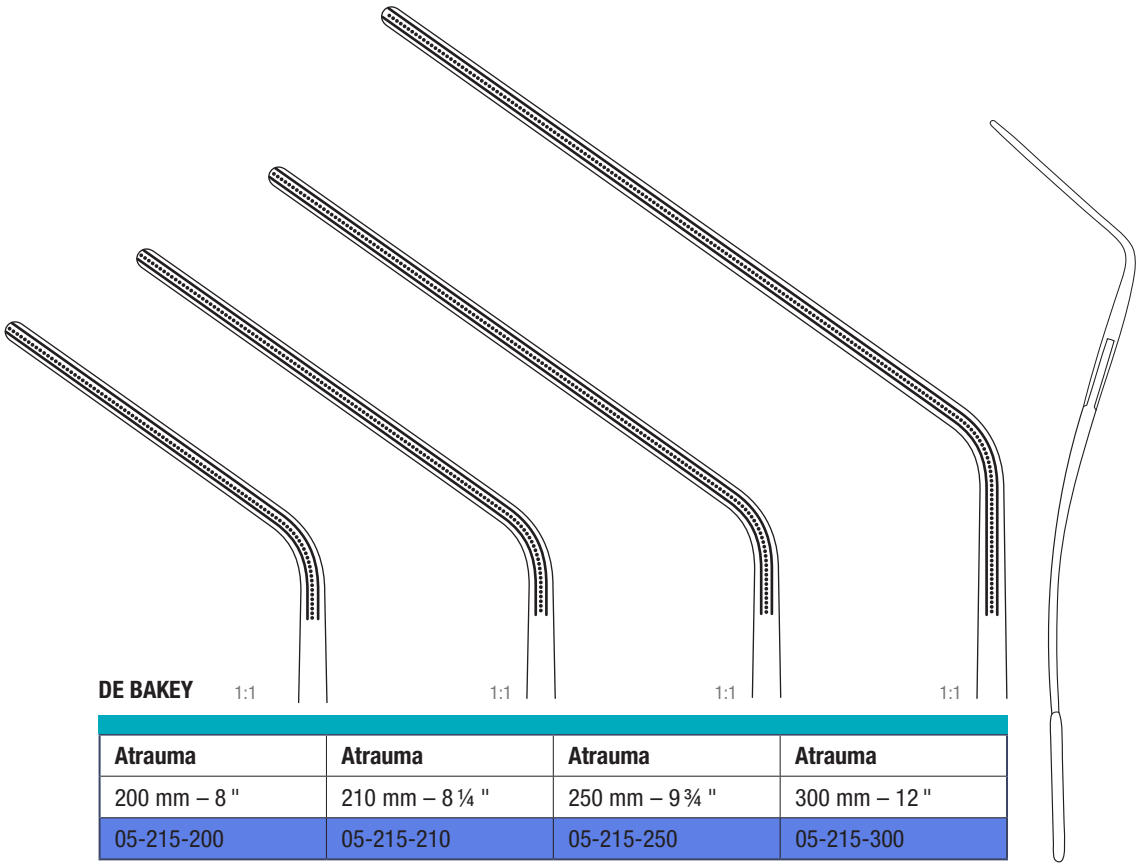
TC





DE BAKEY

Atrauma	Atrauma	Atrauma	Atrauma
180 mm – 7 "	190 mm – 7 ½ "	230 mm – 9 "	270 mm – 10 ¾ "
05-214-180	05-214-190	05-214-230	05-214-270



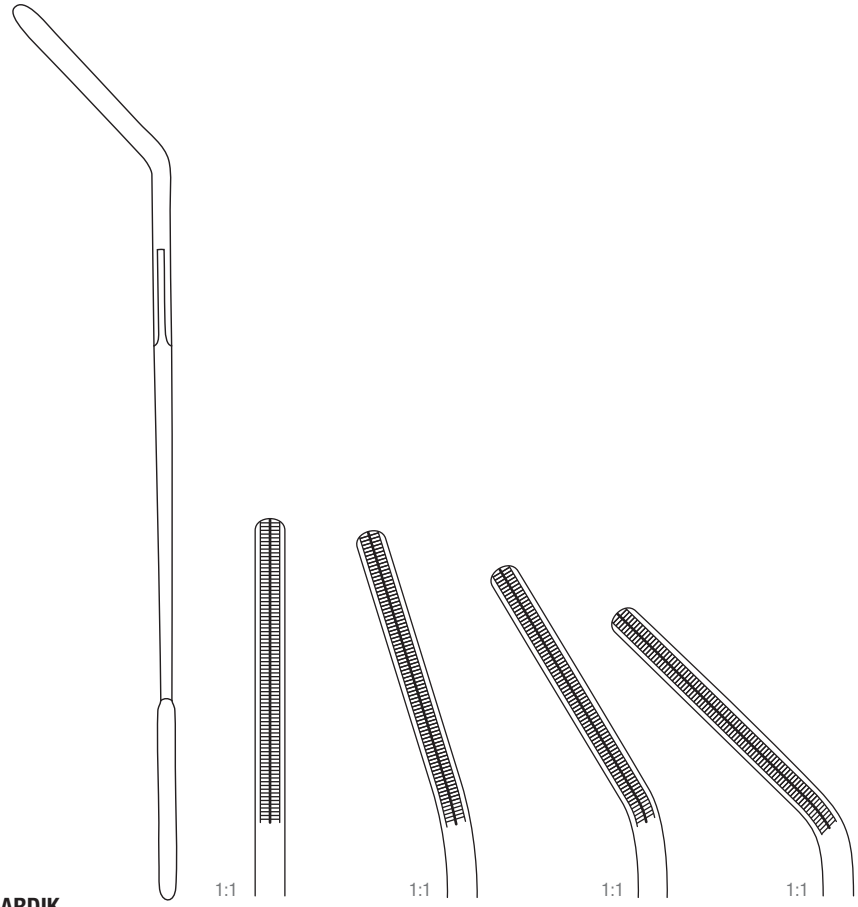
DE BAKEY

Atrauma	Atrauma	Atrauma	Atrauma
200 mm – 8 "	210 mm – 8 ¼ "	250 mm – 9 ¾ "	300 mm – 12 "
05-215-200	05-215-210	05-215-250	05-215-300

Gefäßklemmen
Vascular forceps
Pinces vasculaires
Pinzas vasculares
Pinze vascolari

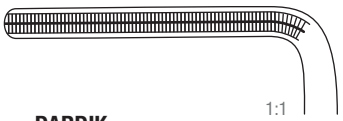
TC





DARDIK

	Atrauma	Atrauma	Atrauma	Atrauma
	0°	15°	30°	45°
170 mm – 6 ¾ "	05-216-000	05-216-150	05-216-300	05-216-450



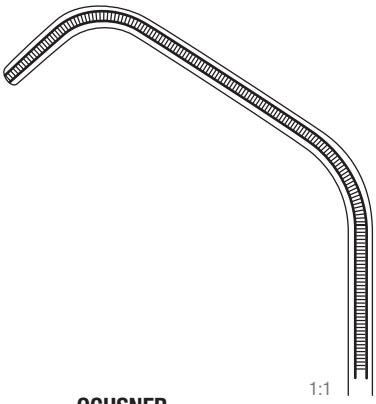
DARDIK

	Atrauma
	90°
160 mm – 6 ¼ "	05-216-900

Gefäßklemmen
Vascular forceps
Pinces vasculaires
Pinzas vasculares
Pinze vascolari

TC





1:1

OCHSNER

	Atrauma
235 mm – 9 ¼ "	05-217-230



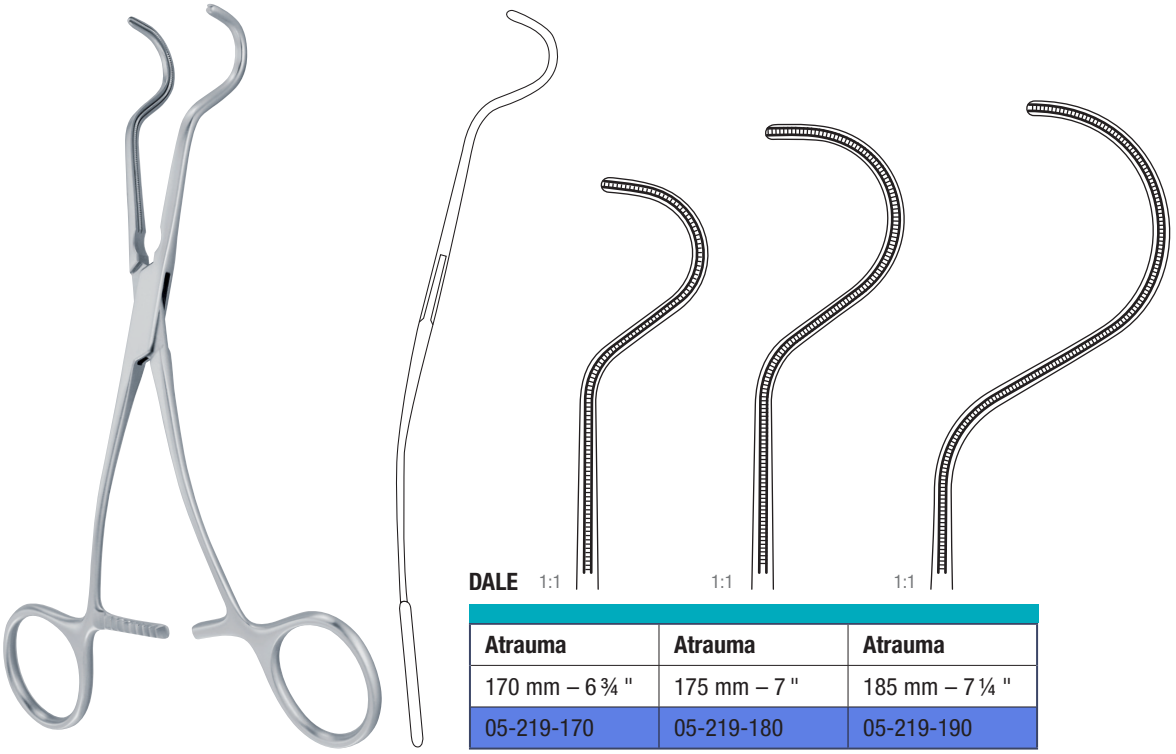
1:1

DIETHRICH

	Atrauma
210 mm – 8 ¼ "	05-218-210

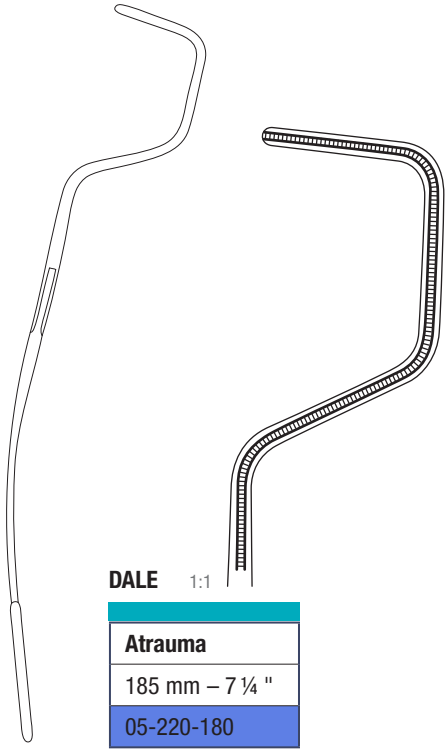
Gefäßklemmen
Vascular forceps
Pinces vasculaires
Pinzas vasculares
Pinze vascolari

TC



DALE 1:1 1:1 1:1

Atrauma	Atrauma	Atrauma
170 mm – 6 ¾ "	175 mm – 7 "	185 mm – 7 ¼ "
05-219-170	05-219-180	05-219-190

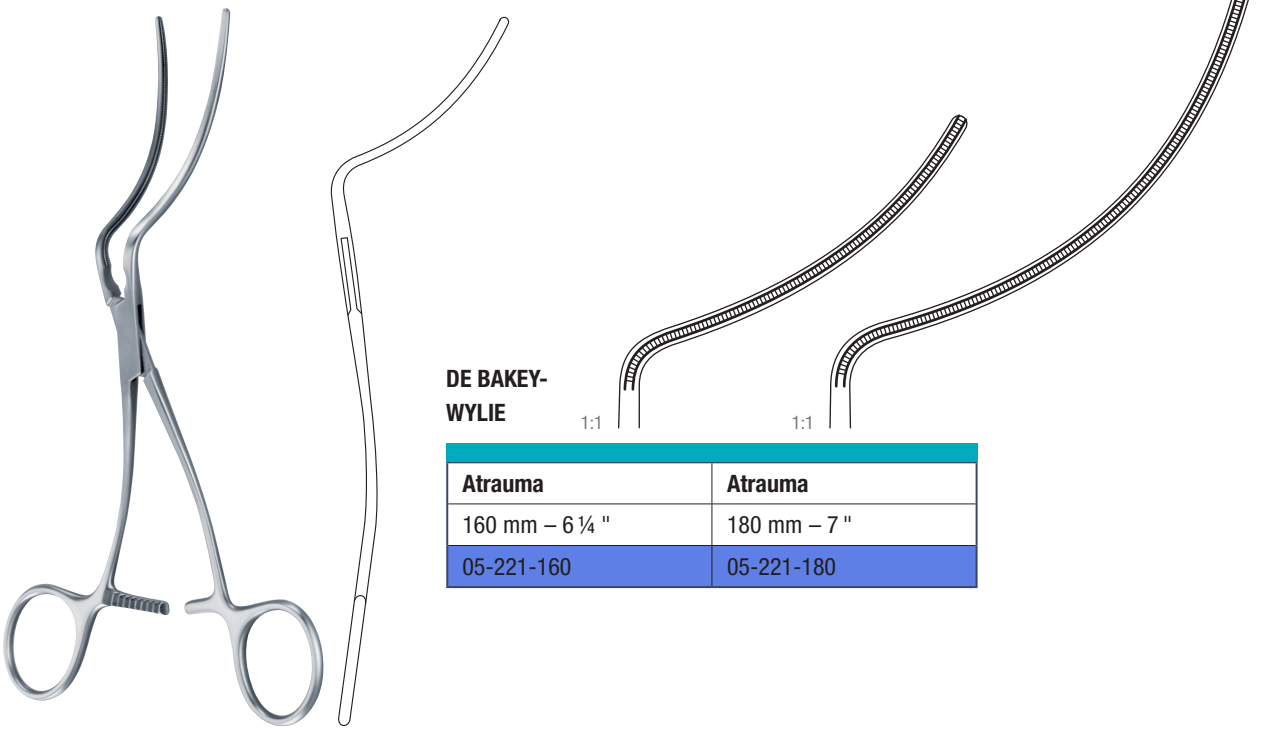


DALE 1:1

Atrauma
185 mm – 7 ¼ "
05-220-180

Gefäßklemmen
Vascular forceps
Pinces vasculaires
Pinzas vasculares
Pinze vascolari

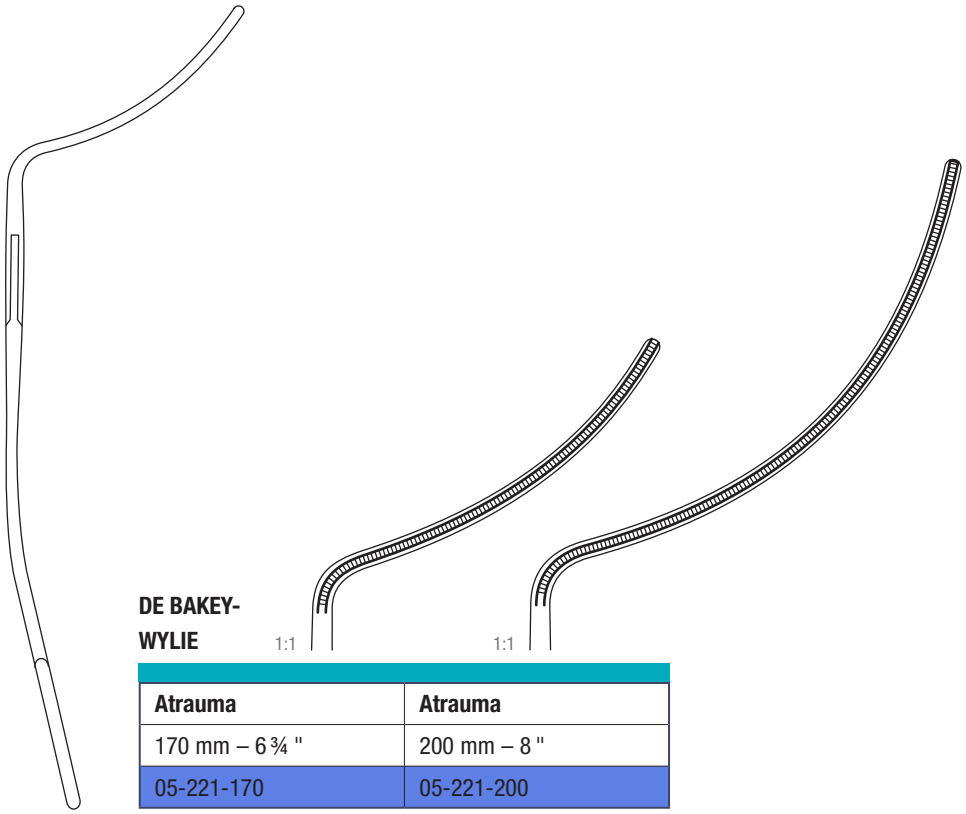
TC



DE BAKEY-WYLIE

1:1 1:1

Atrauma	Atrauma
160 mm – 6 ¼ "	180 mm – 7 "
05-221-160	05-221-180



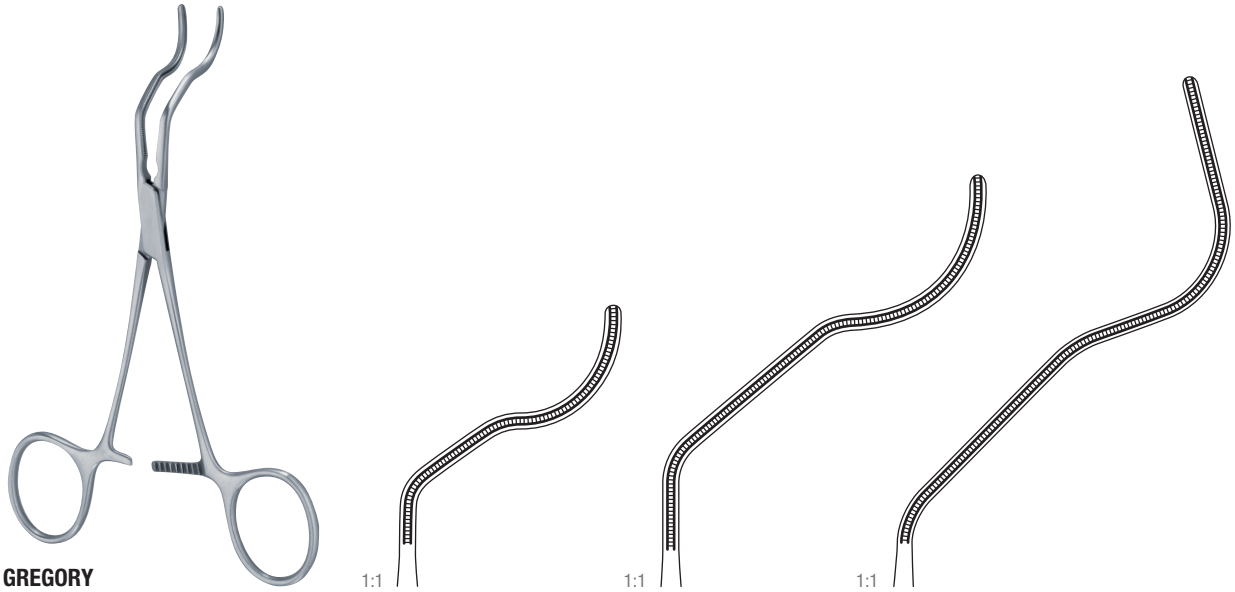
DE BAKEY-WYLIE

1:1 1:1

Atrauma	Atrauma
170 mm – 6 ¾ "	200 mm – 8 "
05-221-170	05-221-200

Gefäßklemmen
Vascular forceps
Pinces vasculaires
Pinzas vasculares
Pinze vascolari

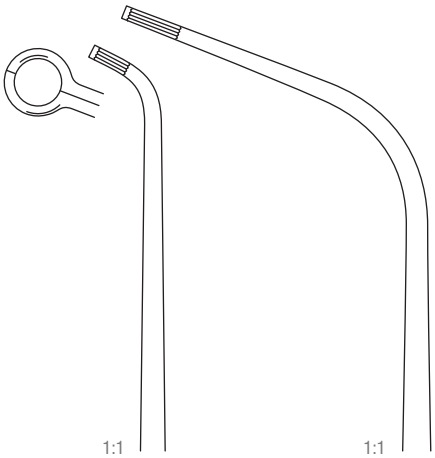
TC



GREGORY

Atrauma	Atrauma	Atrauma
140 mm – 5 ½ "	160 mm – 6 ¼ "	180 mm – 7 "
05-222-140	05-222-160	05-222-180





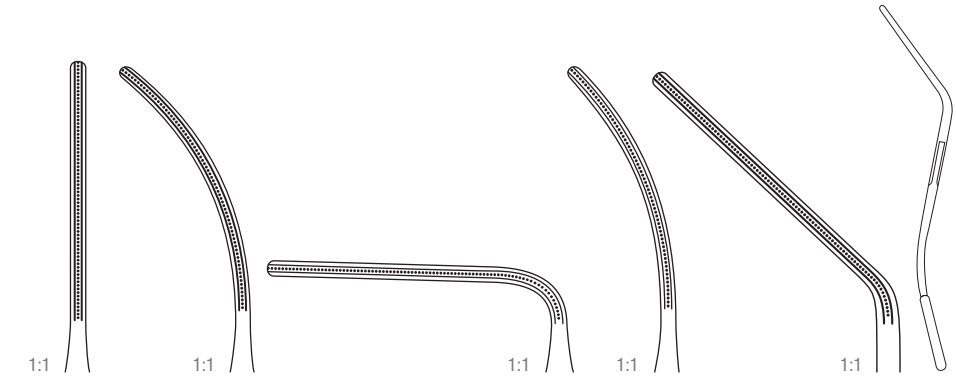
JAVID

Atrauma	Atrauma
160 mm – 6 ¼ "	190 mm – 7 ½ "
05-223-180	05-223-190

Gefäßklemmen
Vascular forceps
Pinces vasculaires
Pinzas vasculares
Pinze vascolari

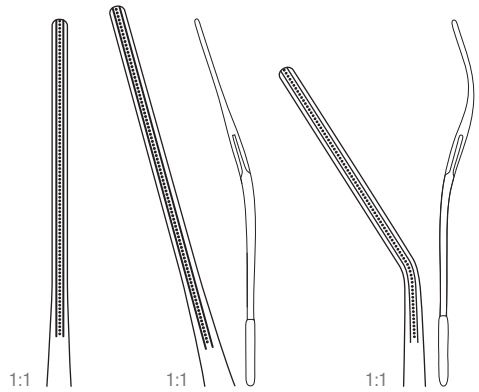
TC





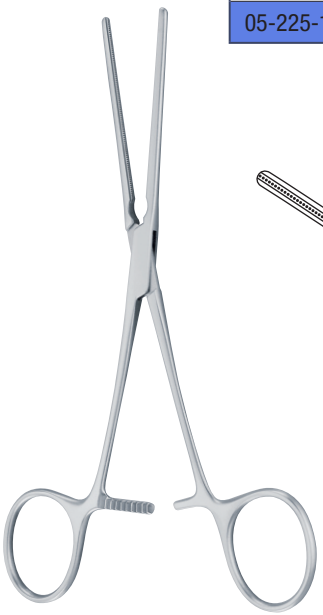
DE BAKEY

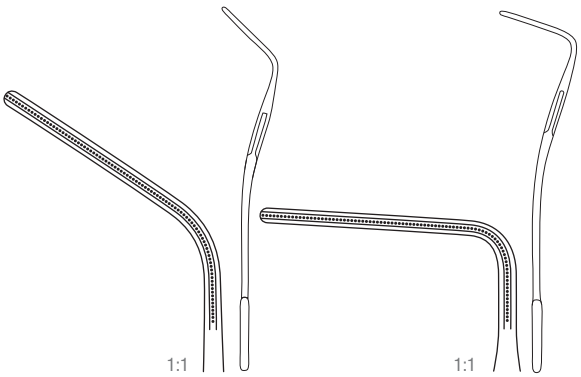
Atrauma	Atrauma	Atrauma	Atrauma	Atrauma
120 mm – 4 ¾ "	110 mm – 4 ¼ "	100 mm – 4 "	120 mm – 4 ¾ "	130 mm – 5 "
313-098-120	313-099-120	313-109-120	313-117-120	313-107-120



DE BAKEY

Atrauma	Atrauma	Atrauma
170 mm – 6 ¾ "	170 mm – 6 ¾ "	160 mm – 6 ¼ "
05-225-170	05-224-170	05-226-160



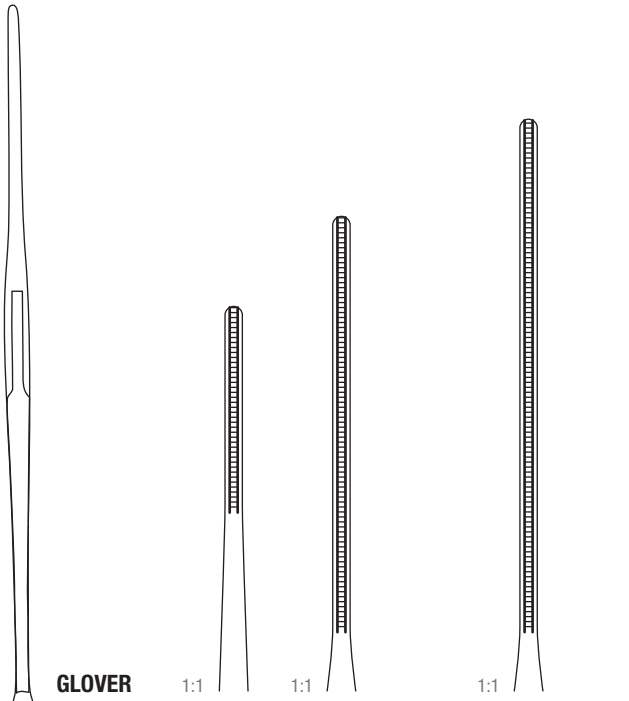


Atrauma	Atrauma
150 mm – 6 "	140 mm – 5 ½ "
05-226-150	05-226-140

Gefäßklemmen
Vascular forceps
Pinces vasculaires
Pinzas vasculares
Pinze vascolari

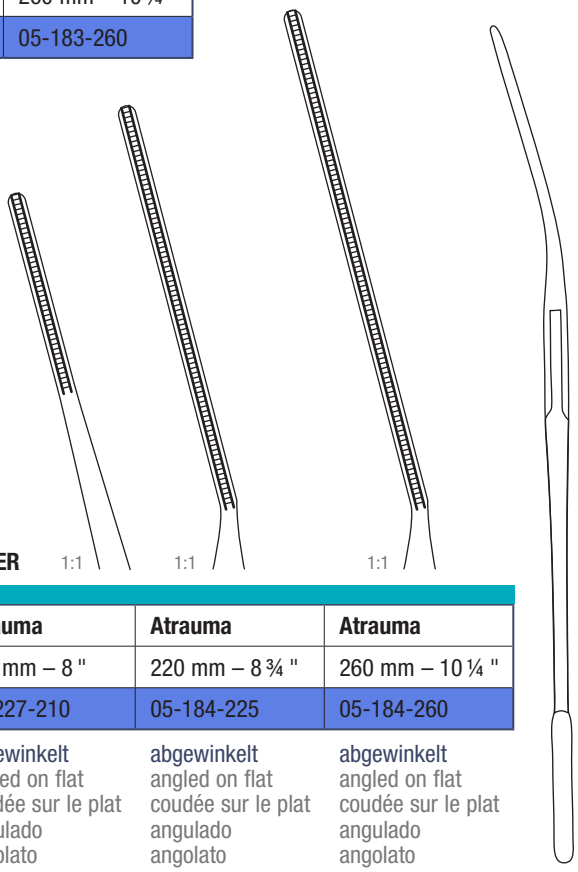
TC





GLOVER

Atrauma	Atrauma	Atrauma
205 mm – 8 "	220 mm – 8 ¾ "	260 mm – 10 ¼ "
05-183-205	05-183-225	05-183-260

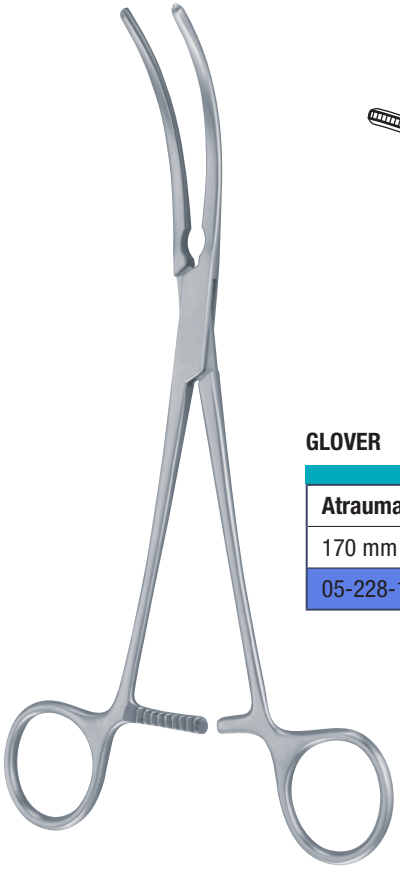


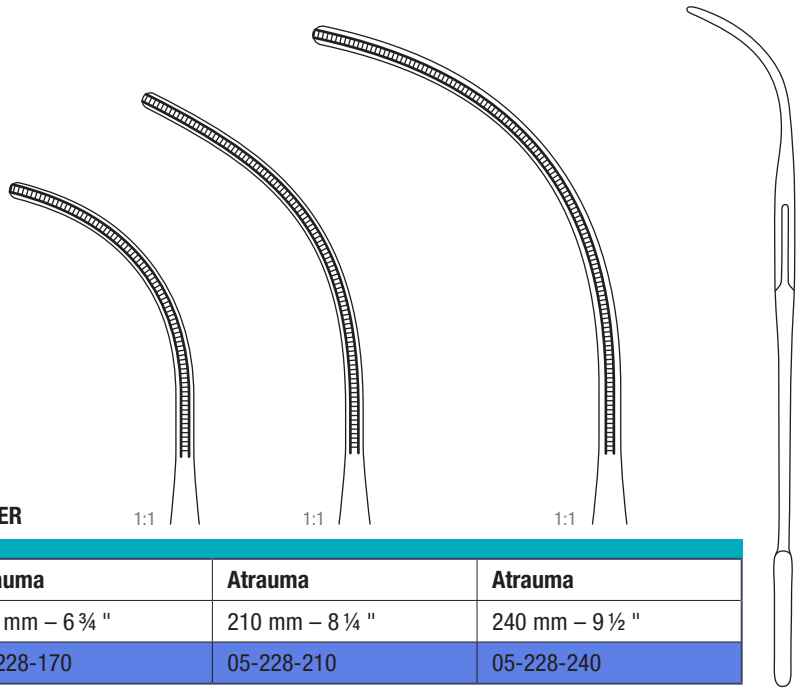
GLOVER

Atrauma	Atrauma	Atrauma
205 mm – 8 "	220 mm – 8 ¾ "	260 mm – 10 ¼ "
05-227-210	05-184-225	05-184-260
abgewinkelt angled on flat coudée sur le plat angulado angolato	abgewinkelt angled on flat coudée sur le plat angulado angolato	abgewinkelt angled on flat coudée sur le plat angulado angolato

Gefäßklemmen
Vascular forceps
Pinces vasculaires
Pinzas vasculares
Pinze vascolari

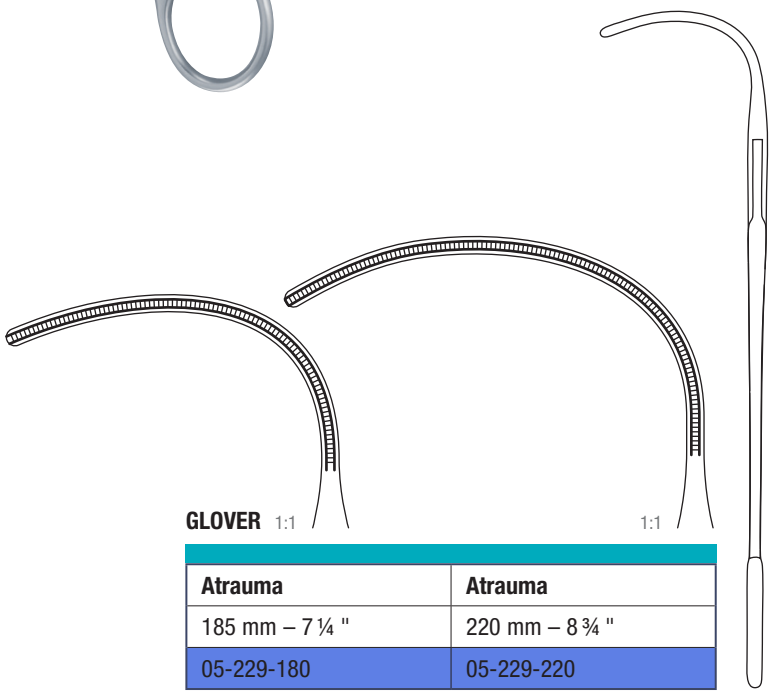
TC





GLOVER

Atrauma	Atrauma	Atrauma
170 mm – 6 ¾ "	210 mm – 8 ¼ "	240 mm – 9 ½ "
05-228-170	05-228-210	05-228-240

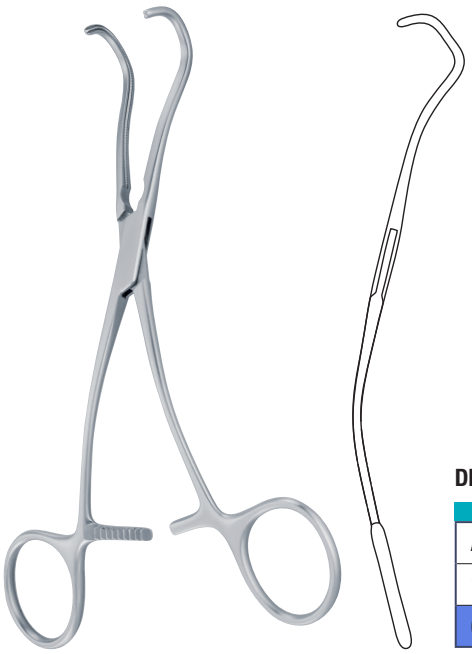


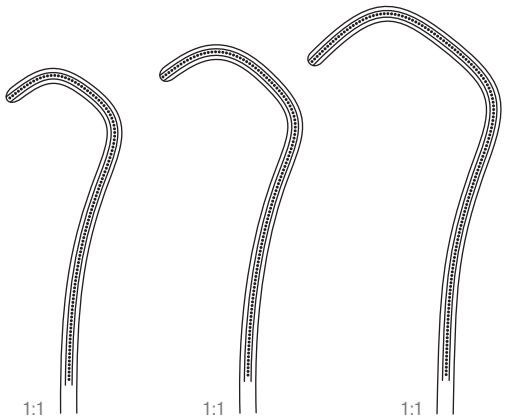
GLOVER

Atrauma	Atrauma
185 mm – 7 ¼ "	220 mm – 8 ¾ "
05-229-180	05-229-220

Gefäßklemmen
Vascular forceps
Pinces vasculaires
Pinzas vasculares
Pinze vascolari

TC

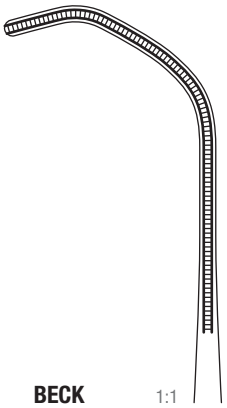




DERRA

Atrauma	Atrauma	Atrauma
160 mm – 6 ¼ "	170 mm – 6 ¾ "	180 mm – 7 "
05-230-160	05-230-170	05-230-180





BECK

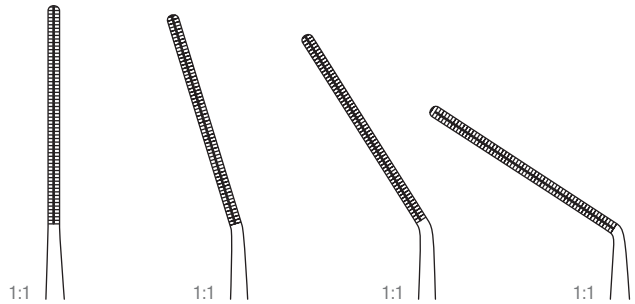
Atrauma
170 mm – 6 ¾ "
05-231-170

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

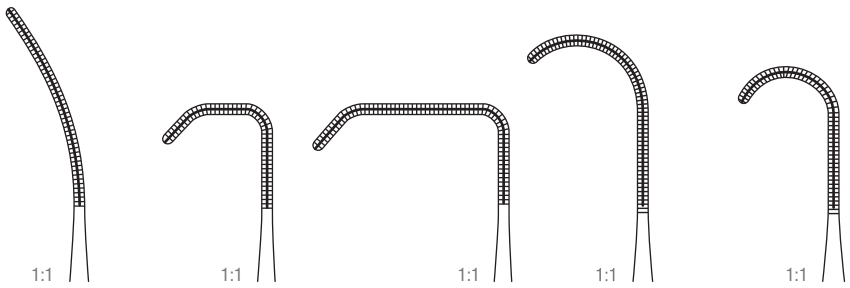
Pinces pour nouveaux-nés et enfants, modèles très fins
Pinzas para recién nacidos y niños, modelos muy finos
Pinze per bambini e neonati, molto fine

TC





	Atrauma	Atrauma	Atrauma	Atrauma
	Fig. 1	Fig. 2	Fig. 3	Fig. 4
115 mm – 4 ½ "	05-232-010	05-232-020	05-232-030	05-232-040
145 mm – 5 ¾ "	05-233-010	05-233-020	05-233-030	05-233-040

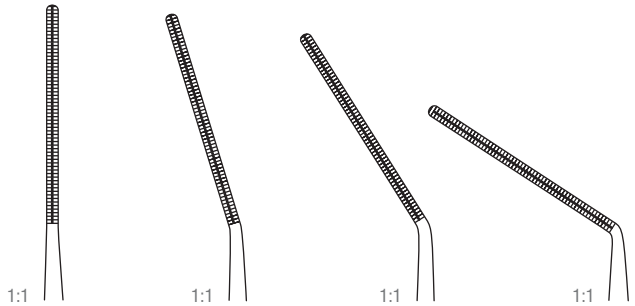


	Atrauma	Atrauma	Atrauma	Atrauma	Atrauma
	Fig. 5	Fig. 6	Fig. 7	Fig. 8	Fig. 9
115 mm – 4 ½ "	05-232-050	05-232-060	05-232-070	05-232-080	05-232-090
145 mm – 5 ¾ "	05-233-050	05-233-060	05-233-070	05-233-080	05-233-090

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

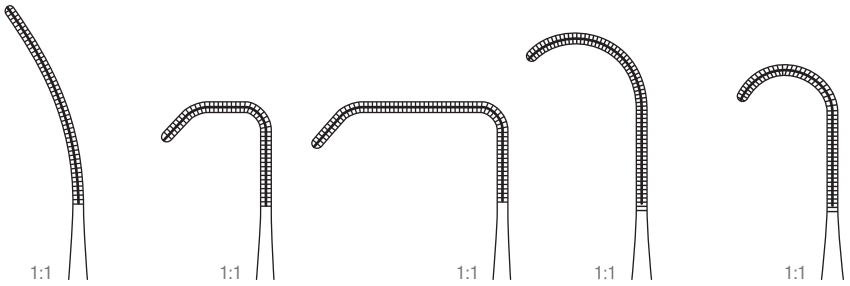
TC





	Atrauma	Atrauma	Atrauma	Atrauma
	Fig. 1	Fig. 2	Fig. 3	Fig. 4
115 mm – 4 ½ "	05-234-010	05-234-020	05-234-030	05-234-040
145 mm – 5 ¾ "	05-235-010	05-235-020	05-235-030	05-235-040

gebogen
curved
courbe
curva
curve



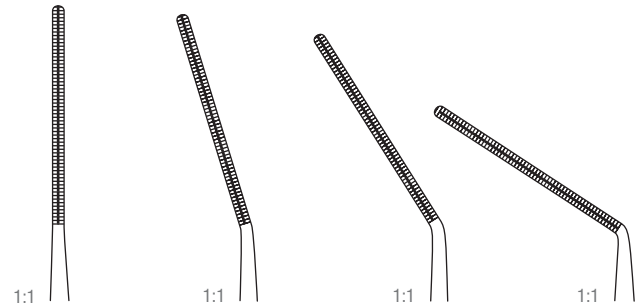
	Atrauma	Atrauma	Atrauma	Atrauma	Atrauma
	Fig. 5	Fig. 6	Fig. 7	Fig. 8	Fig. 9
115 mm – 4 ½ "	05-234-050	05-234-060	05-234-070	05-234-080	05-234-090
145 mm – 5 ¾ "	05-235-050	05-235-060	05-235-070	05-235-080	05-235-090

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

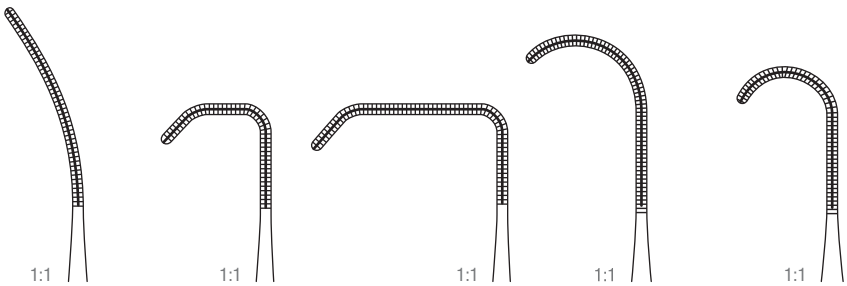
TC





	Atrauma	Atrauma	Atrauma	Atrauma
	Fig. 1	Fig. 2	Fig. 3	Fig. 4
115 mm – 4 ½ "	05-236-010	05-236-020	05-236-030	05-236-040
145 mm – 5 ¾ "	05-238-010	05-238-020	05-238-030	05-238-040

abgewinkelt
angled on flat
coudé sur le plat
anulado
angolato

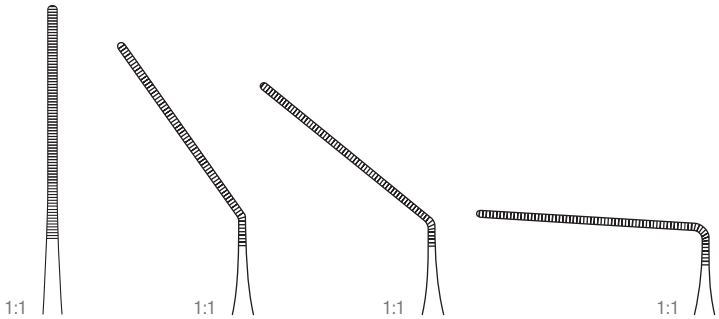


	Atrauma	Atrauma	Atrauma	Atrauma	Atrauma
	Fig. 5	Fig. 6	Fig. 7	Fig. 8	Fig. 9
115 mm – 4 ½ "	05-236-050	05-236-060	05-236-070	05-236-080	05-236-090
145 mm – 5 ¾ "	05-238-050	05-238-060	05-238-070	05-238-080	05-238-090

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

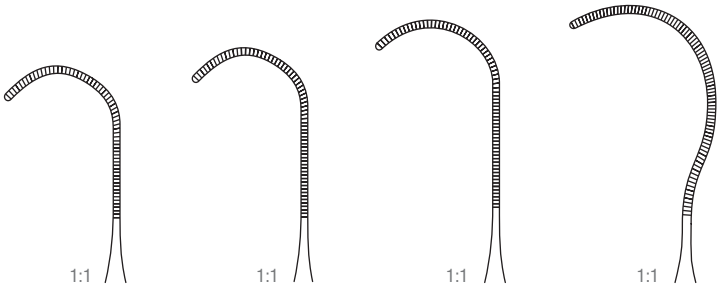
Pinces pour nouveaux-nés et enfants, modèles très fins
Pinzas para recién nacidos y niños, modelos muy finos
Pinze per bambini e neonati, molto fine





CASTAÑED A

110 mm – 4 ¼ "				05-245-130
130 mm – 5 "	05-239-130	05-240-130	05-241-130	



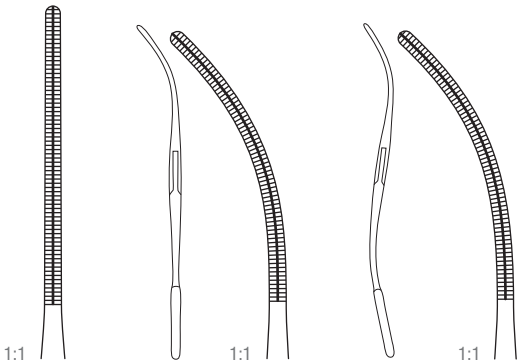
CASTAÑED A

120 mm – 4 ¾ "	05-247-120	05-249-120	05-250-120	05-251-120
150 mm – 6 "	05-247-150	05-249-150	05-250-150	05-251-150

Gefäßklemmen
Vascular forceps
Pinces vasculaires
Pinzas vasculares
Pinze vascolari

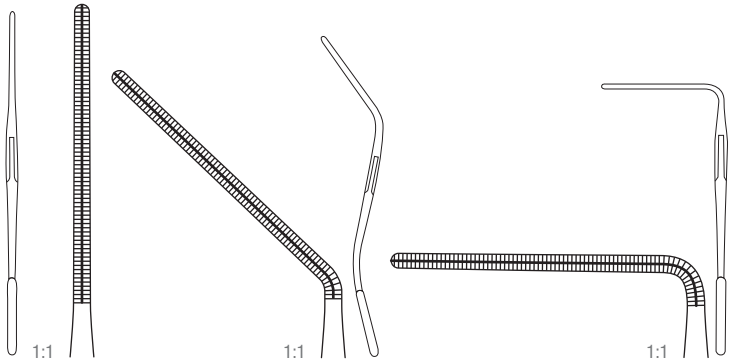
TC





COOLEY

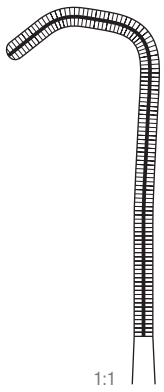
	Atrauma	Atrauma	Atrauma
120 mm – 4 ¾ "	05-252-120	05-253-120	05-254-120
	gerade straight droit recta retta	gebogen curved courbe curva curva	S-förmig gebogen S-curved courbe en S curva en S curva a forma S



COOLEY

	Atrauma	Atrauma	Atrauma
120 mm – 4 ¾ "	05-255-120	05-256-120	05-257-120
	seitlich abgewinkelt sidewards angled coudé vers la coté angulado al lado angolata lateralmente	abgewinkelt angled on flat coudé sur le plat angulado angolato	90° abgewinkelt 90° angled on flat 90° coudé sur le plat 90° angulado 90° angolato





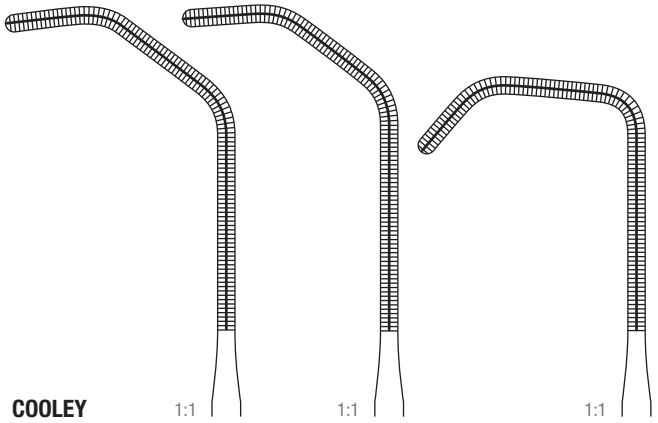
COOLEY

Atrauma
170 mm – 6 ¾ "
05-258-170
seitlich abgewinkelt sidewards angled coudé vers la coté angulado al lado angolata lateralmente

Gefäßklemmen
Vascular forceps
Pinces vasculaires
Pinzas vasculares
Pinze vascolari

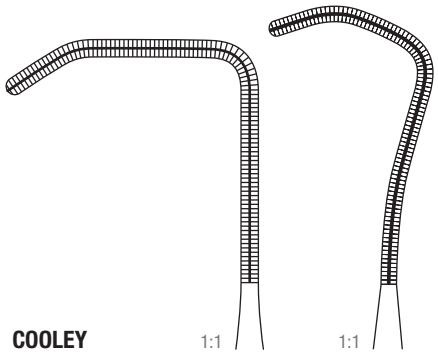
TC





COOLEY

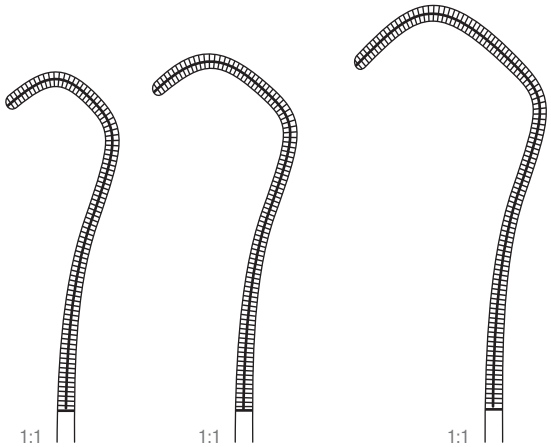
Atrauma	Atrauma	Atrauma
175 mm – 7 "	175 mm – 7 "	165 mm – 6 ½ "
05-259-175	05-260-210	05-261-001



COOLEY

Atrauma	Atrauma
165 mm – 6 ½ "	170 mm – 6 ¾ "
05-261-002	05-262-170





COOLEY-DERRA

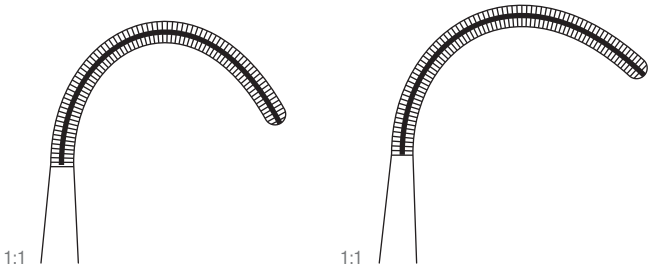
Atrauma	Atrauma	Atrauma
165 mm – 6 ½ "	170 mm – 6 ¾ "	175 mm – 7 "
05-263-160	05-263-170	05-263-180

Gefäßklemmen
Vascular forceps
Pinces vasculaires
Pinzas vasculares
Pinze vascolari

TC



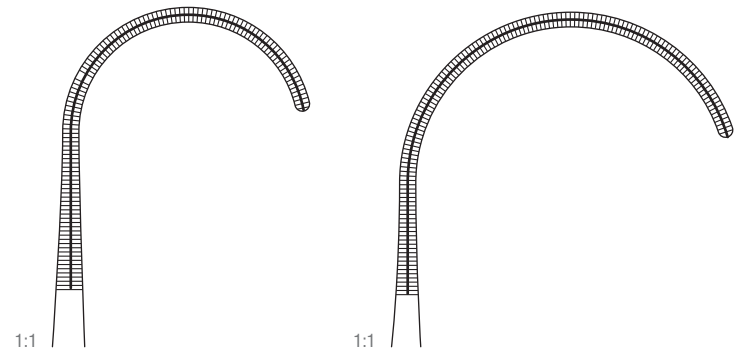
COOLEY-BECK



Atrauma	Atrauma
150 mm – 6 "	155 mm – 6 "
05-264-150	05-264-155



COOLEY

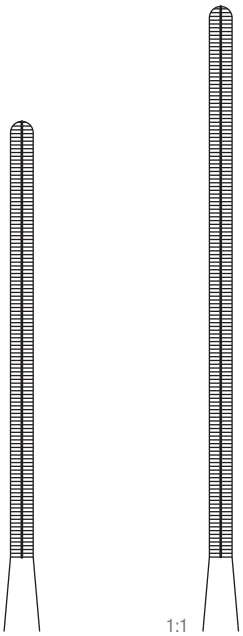


Atrauma	Atrauma
150 mm – 6 "	160 mm – 6¼ "
05-265-150	05-265-160

Gefäßklemmen
Vascular forceps
Pinces vasculaires
Pinzas vasculares
Pinze vascolari

TC

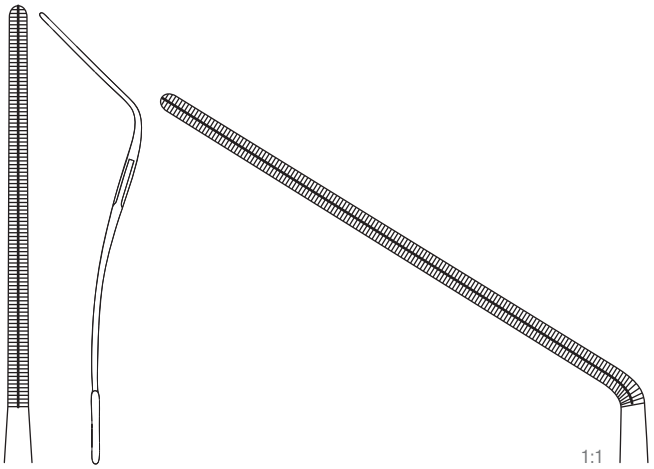




COOLEY

Atrauma	Atrauma
210 mm – 8 ¼ "	250 mm – 9 ¾ "
05-266-215	05-266-250
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





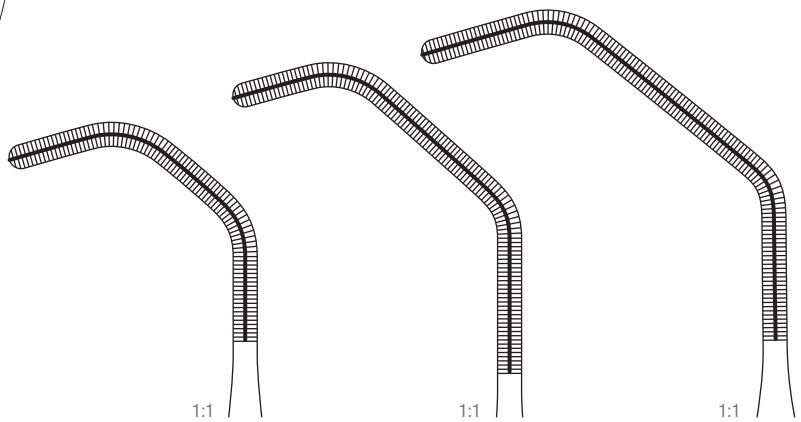
COOLEY

Atrauma	Atrauma
180 mm – 7 "	185 mm – 7 ¼ "
05-267-180	05-268-185
gerade straight droit recta retta	abgewinkelt angled on flat coudé sur le plat angulado angolato

Gefäßklemmen
Vascular forceps
Pinces vasculaires
Pinzas vasculares
Pinze vascolari

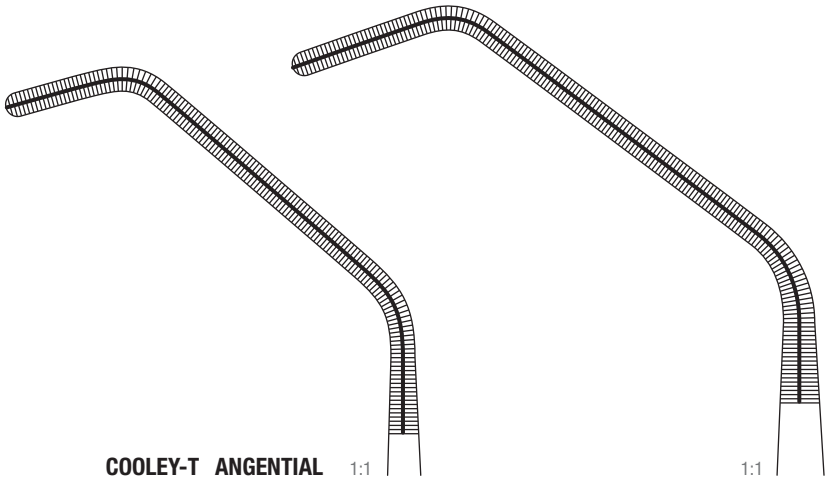
TC





COOLEY-TANGENTIAL

Atrauma	Atrauma	Atrauma
195 mm – 7 ¾ "	255 mm – 10 "	260 mm – 10 ¼ "
05-260-195	05-260-255	05-260-260



COOLEY-T ANGENTIAL

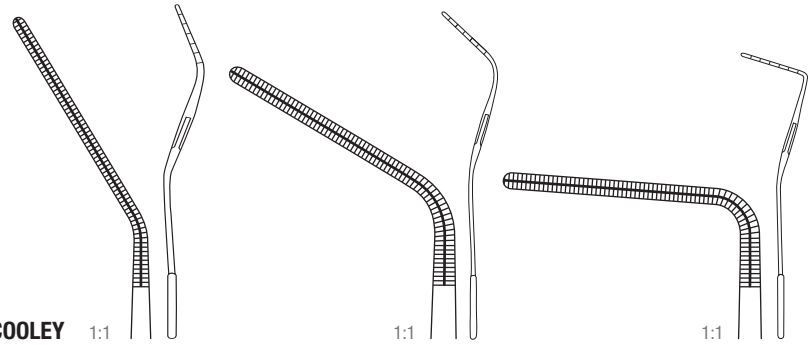
Atrauma	Atrauma
265 mm – 10 ½ "	270 mm – 10 ¾ "
05-260-265	05-260-270

Mehrzweckklemmen, pädiatrisch, graduiert
Multi-purpose clamps, pediatric, graduated

Pinces polyvalentes, pédiatriques, graduées
Pinzas de uso vario, pediátricas, graduadas
Pinze multi uso, per bambini, graduati

TC





COOLEY

Atrauma	Atrauma	Atrauma
25°	45°	90°
165 mm – 6 ½ "	160 mm – 6 ¼ "	145 mm – 5 ¾ "
05-269-250	05-269-450	05-269-900



COOLEY
PATENT DUCTUS CLAMP

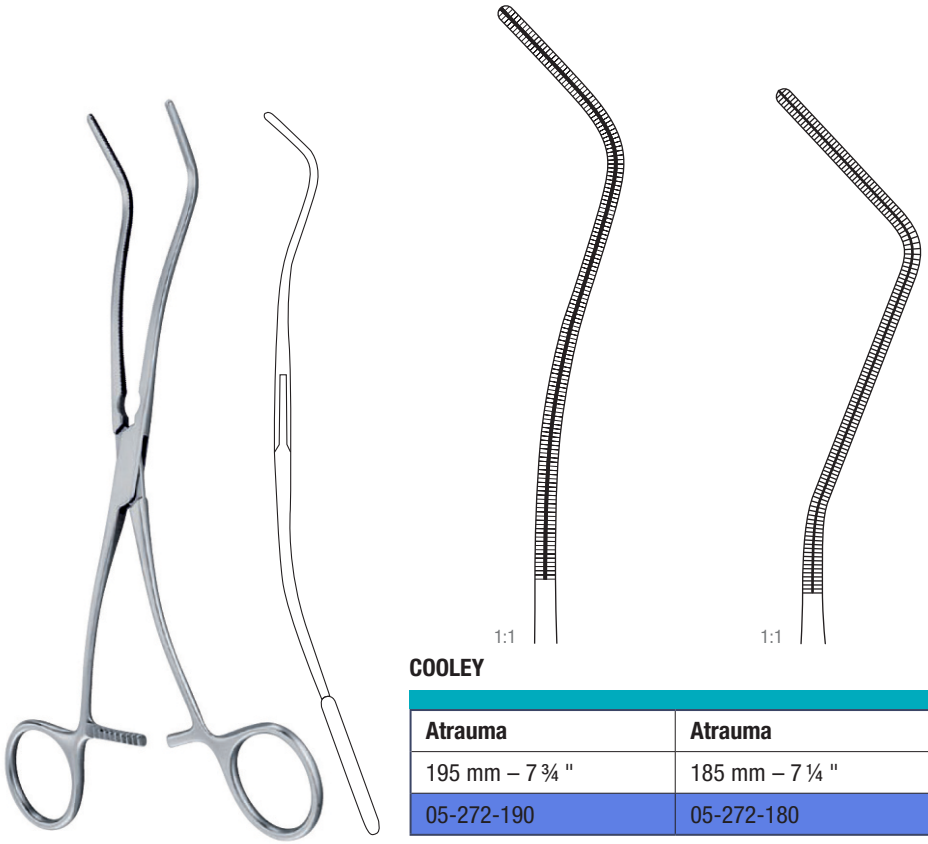
160 mm – 6 ¼ "	05-267-170	05-266-160
170 mm – 6 ¾ "	05-270-170	05-271-170
200 mm – 8 "	05-267-200	05-266-210
230 mm – 9 "	05-267-230	05-266-230
250 mm – 10 "		05-266-250

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

Mehrzweckklemmen, pädiatrisch, graduiert
Multi-purpose clamps, pediatric, graduated

Pinces polyvalentes, pédiatriques, graduées
Pinzas de uso vario, pediátricas, graduadas
Pinze multi uso, per bambini, graduati

TC



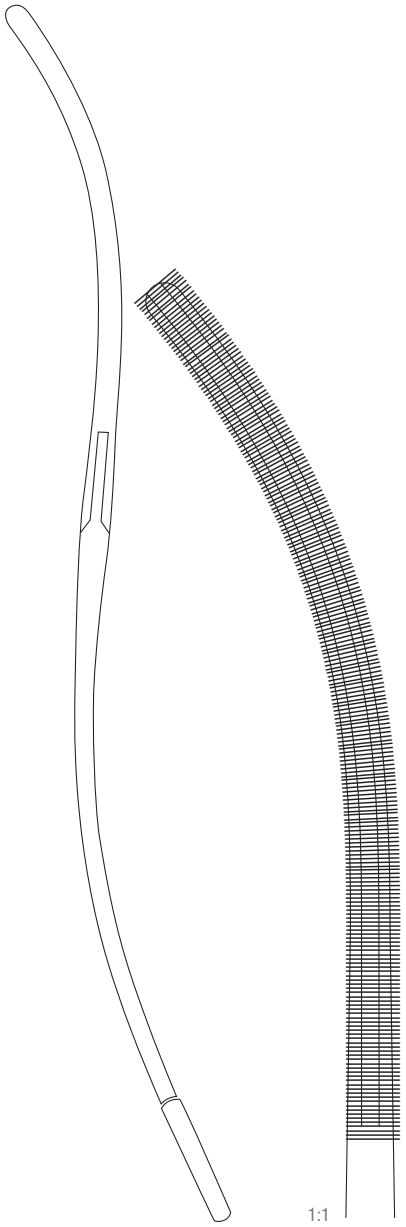
COOLEY

Atrauma	Atrauma
195 mm – 7 ¾ "	185 mm – 7 ¼ "
05-272-190	05-272-180

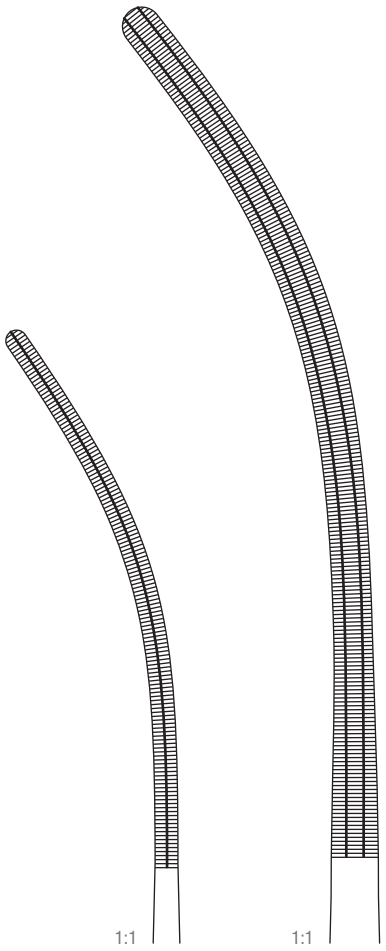
Mehrzweckklemmen
Multi-purpose clamps

Pinces clamps polyvalentes
Pinzas clamps para usos varios
Pinze multi uso

TC







COOLEY

Atrauma	Atrauma
265 mm – 10 ½ "	335 mm – 13 ¼ "
05-273-265	05-273-335

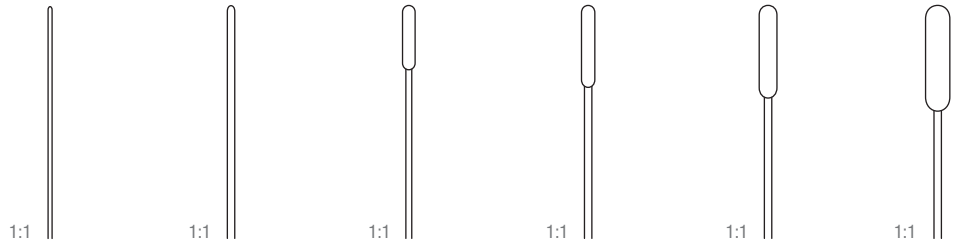
COOLEY

Atrauma
315 mm – 12 ½ "
05-274-315

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

Gefäß-Dilatatoren
Vascular dilators
Dilatateurs vasculaires
Dilatadores vasculares
Dilatatori vascolari

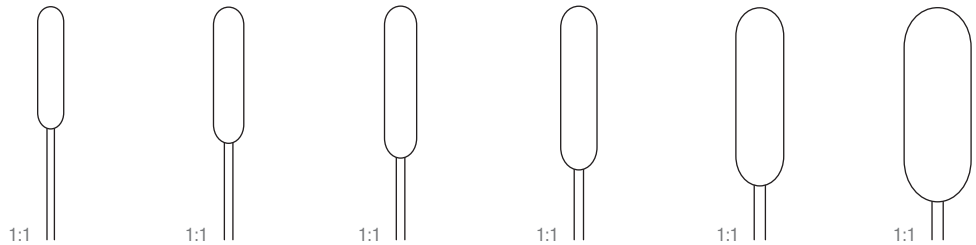




DE BAKEY

	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 – 7 ½ "	05-275-050	05-275-100	05-275-150	05-275-200	05-275-250	05-275-300
350 mm – 13 ¾ "	05-276-050	05-276-100	05-276-150	05-276-200	05-276-250	05-276-300

biegsam
malleable
malléable
maleable
flessibile



	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 – 7 ½ "	05-275-350	05-275-400	05-275-450	05-275-500	05-275-700	05-275-900
350 mm – 13 ¾ "	05-276-350	05-276-400	05-276-450	05-276-500	05-276-700	05-276-900

190 mm – 7 ½ "	05-275-000

Satz (12 Stück): 05-275-050 – 05-275-900
Set (12 pieces): 05-275-050 – 05-275-900
jeu (12 pièces): 05-275-050 – 05-275-900
juego (12 piezas): 05-275-050 – 05-275-900
serie (12 pezzi): 05-275-050 – 05-275-900

350 mm – 13 ¾ "	05-276-000

Satz (12 Stück): 05-276-050 – 05-276-900
Set (12 pieces): 05-276-050 – 05-276-900
jeu (12 pièces): 05-276-050 – 05-276-900
juego (12 piezas): 05-276-050 – 05-276-900
serie (12 pezzi): 05-276-050 – 05-276-900

Gefäß-Dilatatoren
Vascular dilators
Dilatateurs vasculaires
Dilatadores vasculares
Dilatatori vascolari

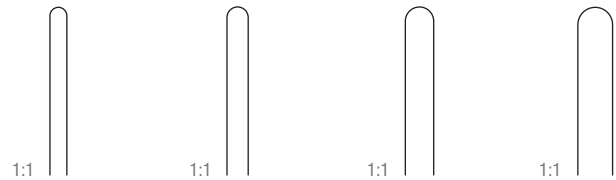


COOLEY



	0.5 mm Ø	1.0 mm Ø	1.5 mm Ø	2.0 mm Ø
130 mm – 5 "	05-277-050	05-277-100	05-277-150	05-277-200

biegsam
malleable
malléable
maleable
flessibile

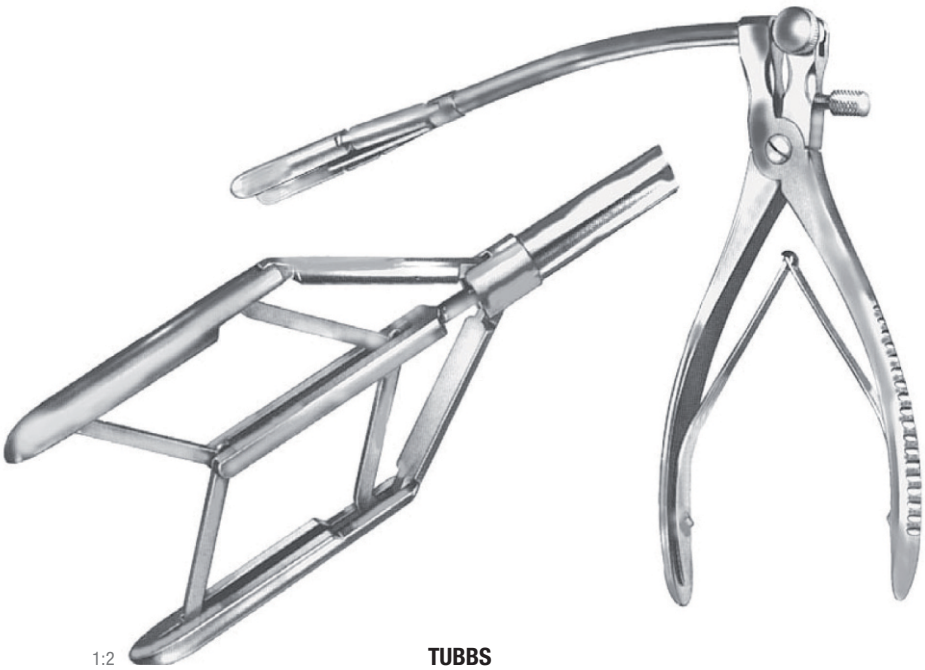


	2.5 mm Ø	3.0 mm Ø	4.0 mm Ø	5.0 mm Ø
130 mm – 5 "	05-277-250	05-277-300	05-277-400	05-277-500

130 mm – 5 "	05-277-000

Satz (8 Stück): 05-277-050 – 05-277-500
Set (8 pieces): 05-277-050 – 05-277-500
jeu (8 pièces): 05-277-050 – 05-277-500
juego (8 piezas): 05-277-050 – 05-277-500
serie (8 pezzi): 05-277-050 – 05-277-500

Aorta-Dilatatoren
Aortic dilators
Dilatateurs aortiques
Dilatadores de aorta
Dilatori per aorta

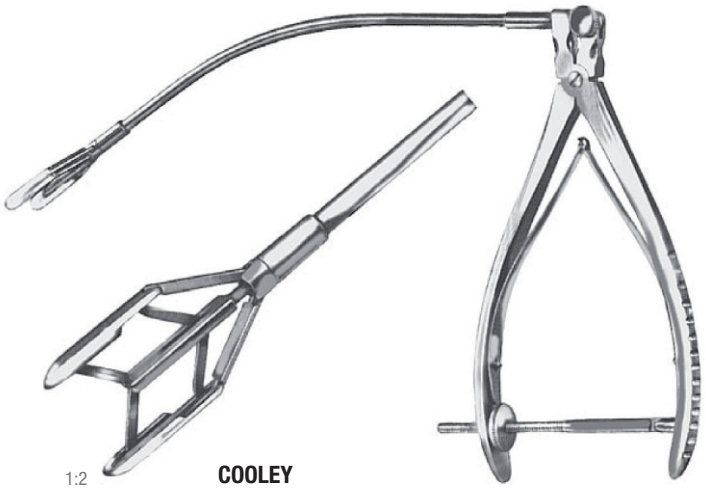


1:2

TUBBS

05-278-450

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

05-279-150

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

» Tupfer- und Kornzangen

» Cotton swap forceps

» Pinces à tampons et à pansements

» Pinzas para tapones y curaciones

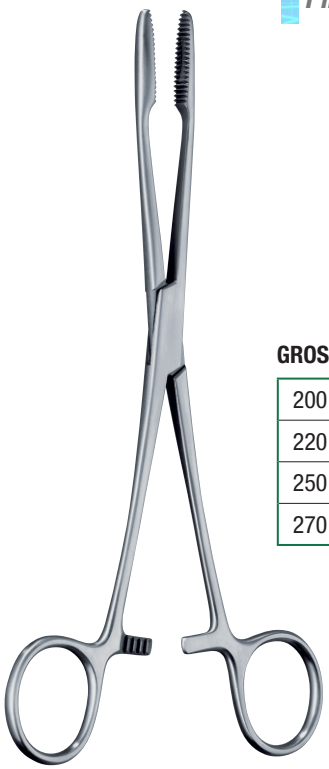
» Pinze per tamponi e per medicazione

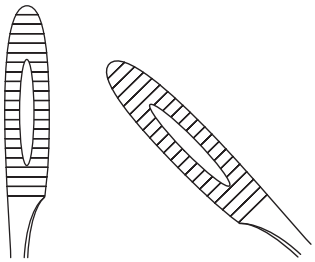
NJ ENTERPRISES



Kornzangen
Polypus and dressing forceps

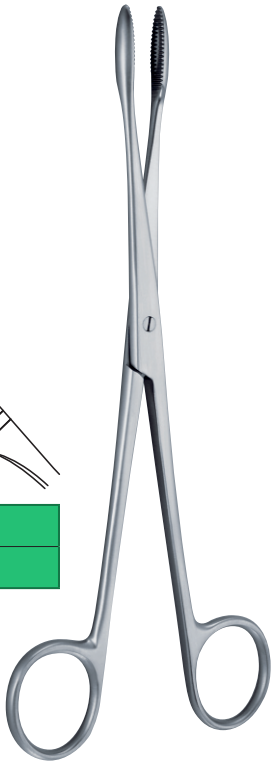
Pinces à polypes et à pansements
Pinzas para pólipos y vendajes
Pinze per medicazione e polipi

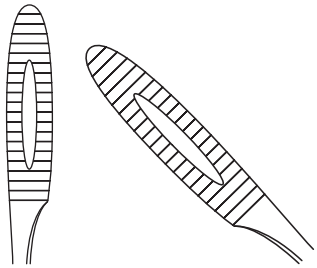




GROSS-MAIER

200 mm – 8 "	06-101-200	06-102-200
220 mm – 8 ¾ "	06-101-220	06-102-220
250 mm – 9 ¾ "	06-101-250	06-102-250
270 mm – 10 ¾ "	06-101-270	06-102-270

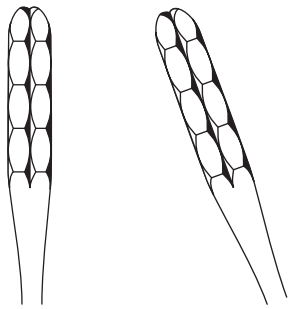




MAIER

200 mm – 8 "	06-103-200	06-104-200
250 mm – 9 ¾ "	06-103-250	06-104-250





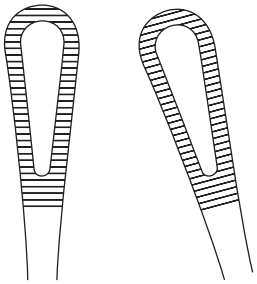
ULRICH

220 mm – 8 ¾ "	06-105-220	06-106-220
250 mm – 9 ¾ "	06-105-250	06-106-250
270 mm – 10 ¾ "	06-105-270	06-106-270

Schwammzangen
Sponge holding forceps

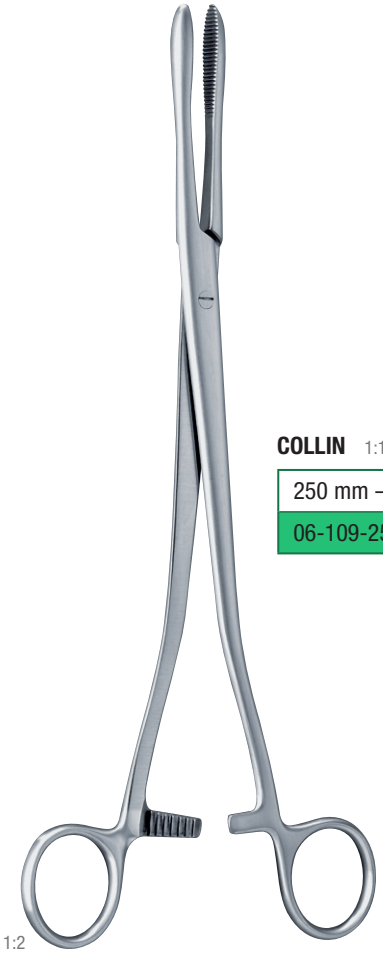
Pinces à éponges
Pinzas para esponjas
Pinze per tamponi





RAMPLEY

180 mm – 7 "	06-107-180	
250 mm – 9 ¾ "	06-107-250	06-108-250



1:2



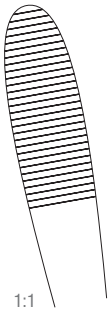
COLLIN 1:1

250 mm – 9 ¾ "
06-109-250

Schwammzangen
Sponge holding forceps

Pinces à éponges
Pinzas para esponjas
Pinze per tamponi

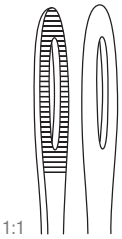

1:2

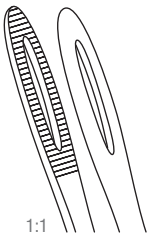

1:1

CHERON

250 mm – 9 ¾ "	06-110-250


1:2


1:1

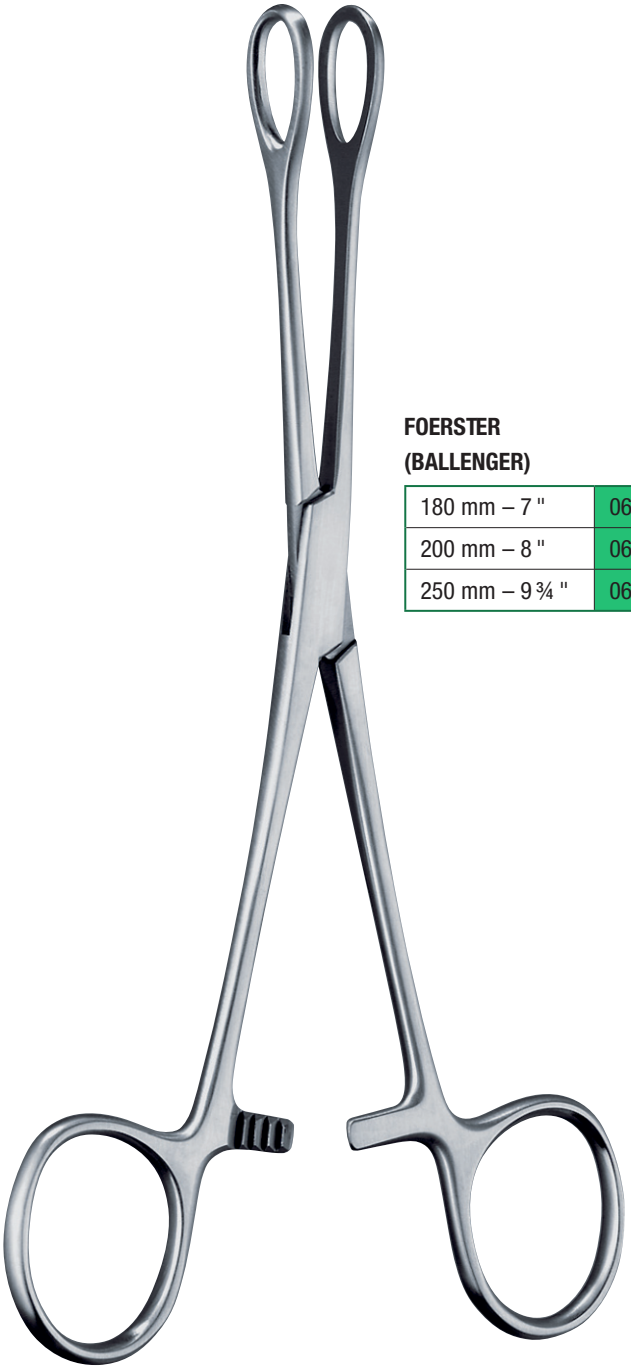

1:1

FOERSTER-BERGMANN

250 mm – 9 ¾ "	06-111-250	06-112-250

Schwammzangen
Sponge holding forceps

Pinces à éponges
Pinzas para esponjas
Pinze per tamponi





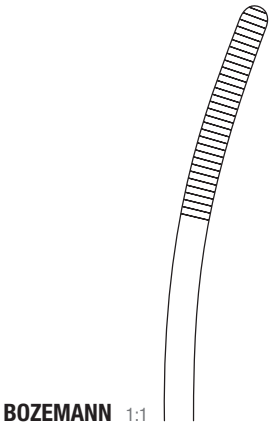
FOERSTER
(BALLENGER)

180 mm – 7 "	06-113-180	06-115-180	06-116-180	06-118-180
200 mm – 8 "	06-113-200	06-115-200	06-116-200	06-118-200
250 mm – 9 ¾ "	06-113-250	06-115-250	06-116-250	06-118-250

Schwammzangen
Sponge holding forceps

Pinces à éponges
Pinzas para esponjas
Pinze per tamponi


1:2

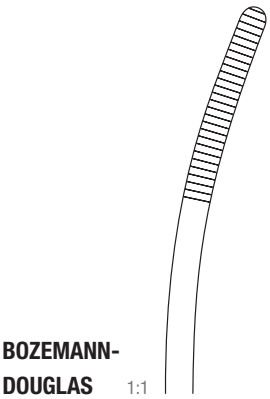


BOZEMANN 1:1

260 mm – 10 ¼ "
06-119-260

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


1:2



BOZEMANN-DOUGLAS 1:1

260 mm – 10 ¼ "
06-120-260

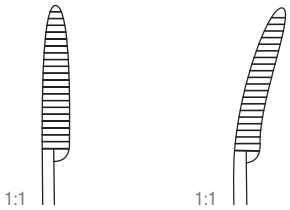
S-förmig gebogen
S-curved
courbe en S
curva en S
curve a forma di S

Kornzangen – schwammzangen
Polypus and dressing forceps – Sponge holding forceps

Pinces à polypes et à pansements – à tampons et éponges
Pinzas para pólipos y vendajes – para tapones y esponjas
Pinze per medicazione e polipi – Pinze per tamponi



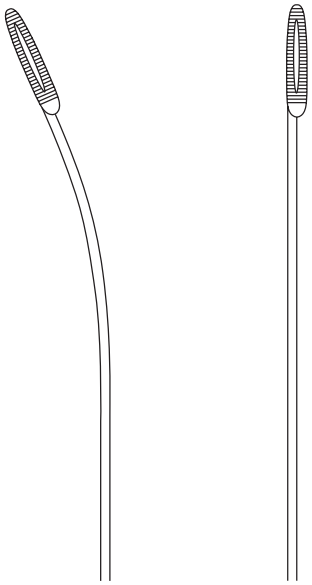
PELKMAN



250 mm – 9 ¾ "	06-121-250	06-122-250

gebogen
curved
courbes
curva
curve



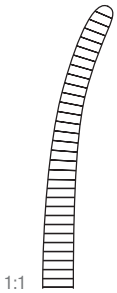


MARTIN

170 mm – 6 ¾ "	06-123-170	06-124-170
255 mm – 10 "	06-123-250	06-124-250

Kornzangen – schwammzangen
Polypus and dressing forceps – Sponge holding forceps

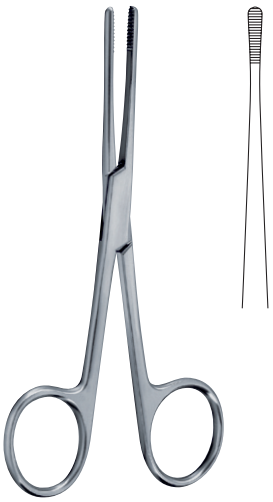
Pinces à polypes et à pansements – à tampons et éponges
Pinzas para pólipos y vendajes – para tapones y esponjas
Pinze per medicazione e polipi – Pinze per tamponi





BRYANT

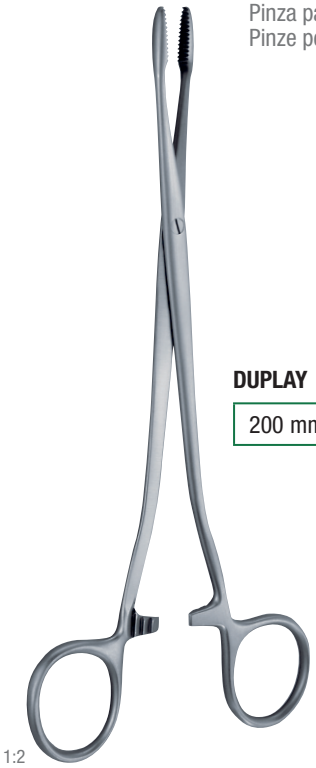
130 mm – 5 "	06-125-130



LISTER (SINUS)

130 mm – 5 "	06-126-130
160 mm – 6 ¼ "	06-126-160
180 mm – 7 "	06-126-180

Sinusklemmen
Sinus forceps
Pinces à sinus
Pinza para el sinus
Pinze per seni







DUPLAY

200 mm – 8 "	06-127-200	06-128-200

» Naht

» Suture

» Suture

» Sutura

» Sutura

NJ ENTERPRISES



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Porte-aiguilles
Porta-agujas
Porta aghi

TC



CRILE-MURRAY

		TC
150 mm – 6 „	07-101-150	07-102-150
180 mm – 7 "	07-101-180	
200 mm – 8 "	07-101-200	



BAUMGARTNER



		TC
120 mm – 4 ¾ „	07-103-120	07-104-120
140 mm – 5 ¾ "	07-103-140	07-104-140

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Porta aghi

TC





CRILE-WOOD

		TC	TC
150 mm – 6 "	07-105-150	07-106-150	07-106-151
180 mm – 7 "	07-105-180	07-106-180	07-106-181
200 mm – 8 "	07-105-200	07-106-205	
230 mm – 9 "		07-106-230	
260 mm – 10¼ „		07-106-265	
300 mm – 12"		07-106-300	

glatt
smooth
lisse
lisa
liscio

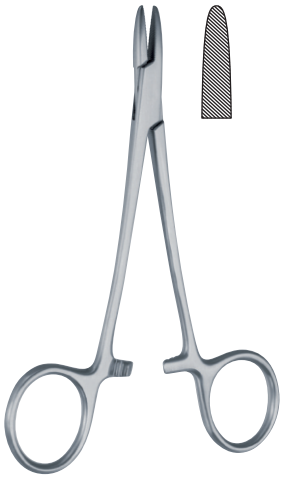


BABY-CRILE-WOOD

	TC
150 mm – 6 "	07-107-150

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Porta aghi

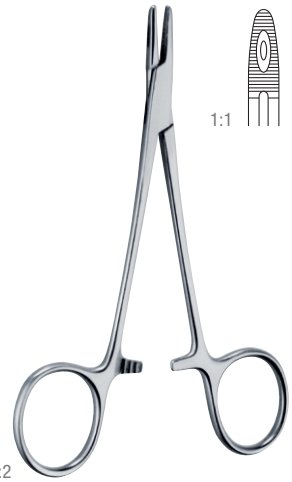
TC



BROWN

130 mm – 5 "	07-108-130
180 mm – 7 "	07-108-180

kräftiges Modell, Maul diagonal gerieft
heavy pattern, diagonally serrated jaw
modèle fort, mors strié diagonalement
modelo fuerte, boca estriada diagonalmente
modello forte, morso con strie diagonali



COLLIER

125 mm – 5 "	07-109-120



DERF

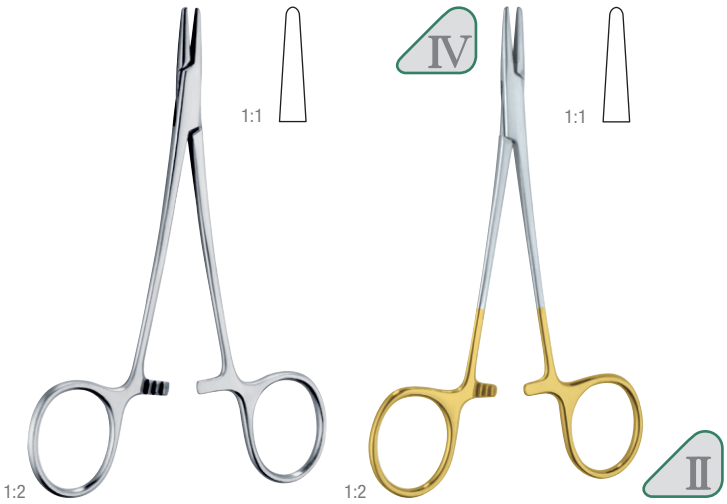




DERF (WRIGHT)

		TC
125 mm – 5 "	120 mm – 4 ¾ "	120 mm – 4 ¾ "
07-110-120	07-111-120	07-112-125

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Porta-agujas
Porta aghi



WEBSTER

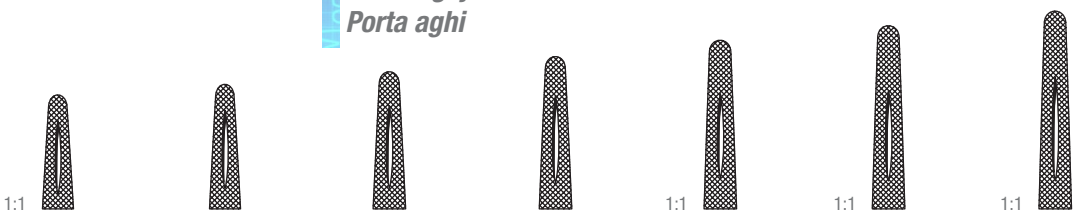
		TC	TC
130 mm – 5 "	07-113-130	07-114-130	07-115-130
	glatt smooth lisse lisa liscio	glatt smooth lisse lisa liscio	gerieft serrated strié estriada zigrinato

NEIVERT

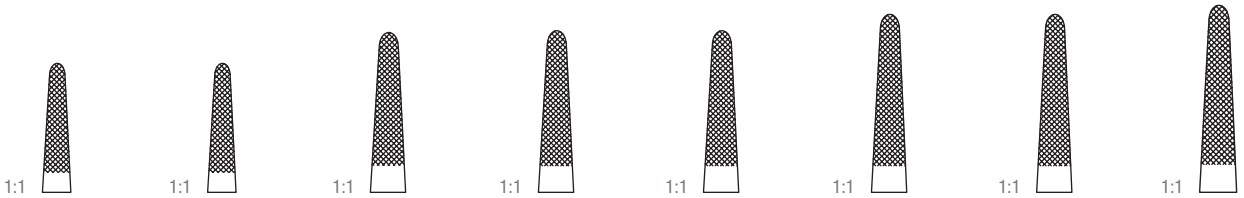
125 mm – 5 "	07-116-130

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Needle holders
Porte-aiguilles
Porta-agujas
Porta aghi

TC

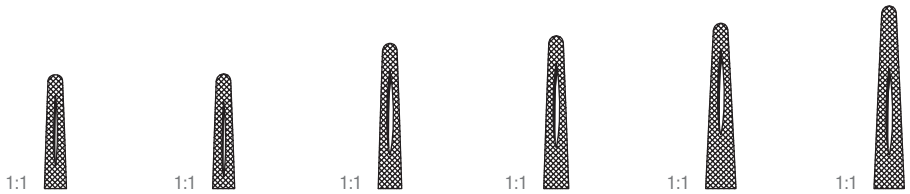


140 mm – 5 ½ "	160 mm – 6 ¼ "	180 mm – 7 "	200 mm – 8 "	240 mm – 9 ½ "	260 mm – 10 ¼ "	300 mm – 12 "
07-122-140	07-122-160	07-122-180	07-122-200	07-122-240	07-122-260	07-122-300



MAYO-HEGAR

TC	TC	TC	TC	TC	TC	TC	TC
140 mm – 5 ½ "	160 mm – 6 ¼ "	180 mm – 7 "	200 mm – 8 "	240 mm – 9 ½ "	260 mm – 10 ¼ "	300 mm – 12 "	340 mm – 13 ½ "
07-123-140	07-123-160	07-123-180	07-123-200	07-123-240	07-123-260	07-123-300	07-123-340



MAYO-HEGAR

140 mm – 5 ½ "	160 mm – 6 ¼ "	180 mm – 7 "	200 mm – 8 "	240 mm – 9 ½ "	260 mm – 10 ¼ "
07-124-140	07-124-160	07-124-180	07-124-200	07-124-240	07-124-260

schlankes Modell
delicate pattern
modèle fin
modelo delicado
modello delicato

MAYO-HEGAR

TC	TC	TC	TC	TC	TC
140 mm – 5 ½ "	160 mm – 6 ¼ "	180 mm – 7 "	200 mm – 8 "	240 mm – 9 ½ "	260 mm – 10 ¼ „
07-125-140	07-125-160	07-125-180	07-125-200	07-125-240	07-125-260

schlankes Modell
delicate pattern
modèle fin
modelo delicado
modello delicato

I



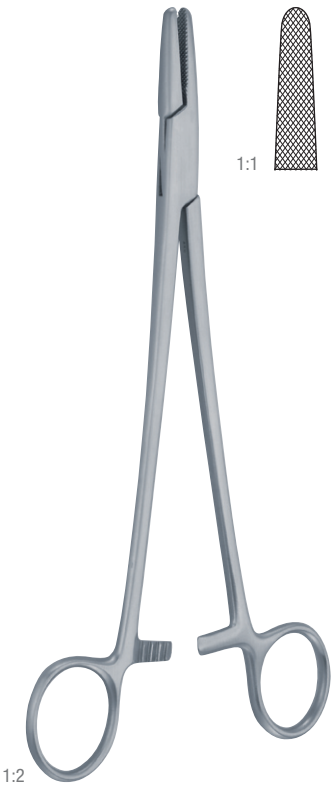
MAYO-HEGAR

TC	TC
240 mm – 9 ½ "	260 mm – 10 ¼ "
07-126-240	07-126-260

gebogen
curved
courbe
curva
curvo

Nadelhalter
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Porta-agujas
Porta aghi

TC





HEGAR

		TC
150 mm – 6"	07-127-150	
175 mm – 7"	07-127-175	
205 mm – 8"	07-127-205	07-128-200
240 mm – 9 1/2"		07-128-240

kräftiges Modell
heavy pattern
modèle fort
modelo fuerte
modello forte

Nadelhalter
Needle holders
Porte-aiguilles
Porta-agujas
Porta aghi

TC



HEANEY

		TC
160 mm – 6 ¼ "	07-129-160	07-130-160
180 mm – 7 "	07-129-180	07-130-180
200 mm – 8 "	07-129-210	07-130-210

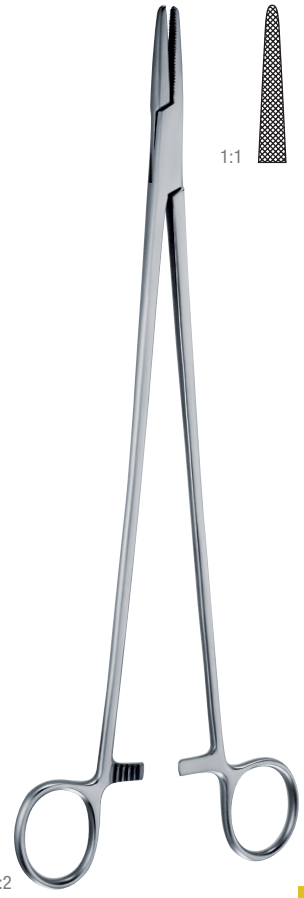
Nadelhalter
Needle holders
Porte-aiguilles
Porta-agujas
Porta aghi

TC



SAROT

		TC
180 mm – 7 "	324-316-180	07-132-180
200 mm – 8 "		07-132-200
260 mm – 10 ¼ "	324-316-260	07-132-260



JAMESON

		TC
235 mm – 9 ¼ "	07-133-230	07-134-230

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TC



MASSON

		TC
270 mm – 10 ¾ "	07-135-270	07-136-270



FINOCHIETTO

		TC
200 mm – 8 "	07-137-200	07-138-200
270 mm – 10 ¾ "	07-139-270	07-140-270

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TC



STRATTE

		TC
210 mm – 8¼"		07-142-210
230 mm – 9"	07-141-230	07-142-230



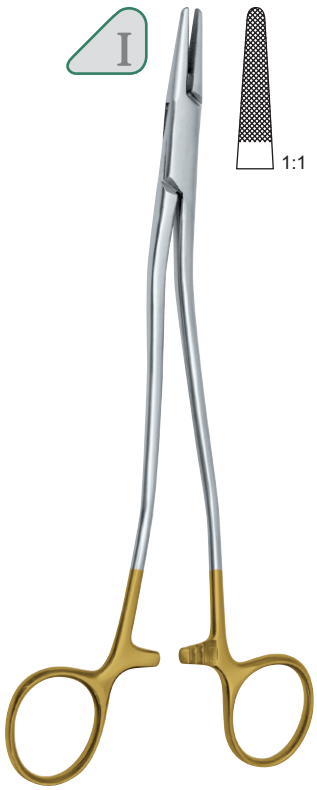
WANGENSTEEN

		TC
270 mm – 10¾"	07-143-270	07-144-270

Nadelhalter
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Porte-aiguilles
Porta-agujas
Porta aghi

TC





BOZEMANN (WERTHEIM)

		TC
200 mm – 8 "	07-145-200	07-146-200
240 mm – 9 1/2 "	07-145-240	07-146-240
260 mm – 10 ¼ "		07-146-260
300 mm – 12 "		07-146-300

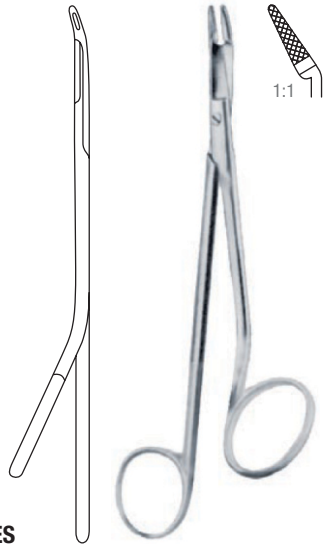


THOMSON-WALKER (BOZEMANN)

200 mm – 8 "	07-147-200

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Porta-agujas
Porta aghi

TC



GILLIES

145 mm – 5¾"	07-148-145



GILLIES

		TC
130 mm – 5"		07-149-130
160 mm – 6¼"	07-148-160	07-149-160





FOSTER-GILLIES

	TC	TC	TC	TC
120 mm – 4¾"	07-150-120	07-152-120	07-153-120	07-155-120
	gerade, gerieft straight, serrated droit, strié recta, estriada retto, zigrinato	gerade, glatt straight, smooth droit, lisse recta, lisa retto, liscio	gebogen, gerieft curved, serrated courbe, strié curva, estriada curvo, zigrinato	gebogen, glatt curved, smooth courbe, lisse curva, lisa curvo, liscio

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Porta aghi

TC



OLSEN-HEGAR

		TC
115 mm – 4 ½ „	07-156-115	07-157-120
140 mm – 5 ½ "	07-156-140	07-157-140
160 mm – 6 ¼ "	07-156-160	07-157-160
180 mm – 7 "	07-156-180	07-157-180

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Porta aghi





MATHIEU

140 mm – 5½"	07-158-140	07-159-140	07-160-140
170 mm – 6¾"	07-158-170	07-159-170	07-160-170
200 mm – 8"	07-158-200	07-159-200	07-160-200
240 mm – 9½"	07-158-240		

mit Längkehle im Maul
grooved jaw
boca acanalada
mors strié
morso scannellato

schlankes Modell
delicate pattern
modèle fin
modelo delicado
modello delicato

Nadelhalter
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Porta-agujas
Porta aghi





MATHIEU-OLSEN

		TC
140 mm – 5½"	07-163-140	07-164-140
170 mm – 6¾"	07-163-170	07-164-170
200 mm – 8"	07-163-200	07-164-200





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Porta-agujas
Porta aghi

TC



CASTROVIEJO-JACOBSON









140 mm – 5 ½ "	07-168-140	07-169-140	07-170-140	07-171-140
180 mm – 7 "	07-168-180	07-169-180	07-170-180	07-171-180
210 mm – 8 ¼ "	07-168-210	07-169-210	07-170-210	07-171-210
glattes Maul smooth jaws mors lisse boca lisa morso liscio	gerade, ohne Sperre straight, without ratchet droit, sans crémaillère recta, sin cremallera retto, senza cremagliera	gerade, mit Sperre straight, with ratchet droit, avec crémaillère recta, con cremallera retto, con cremagliera	gebogen, ohne Sperre curved, without ratchet courbe, sans crémaillère curva, sin cremallera curvo, senza cremagliera	gebogen, mit Sperre curved, with ratchet courbe, avec crémaillère curva, con cremallera curvo, con cremagliera

IV



CASTROVIEJO-JACOBSON









	TC	TC	TC	TC
140 mm – 5 ½ "	07-172-140	07-173-140	07-174-140	07-175-140
180 mm – 7 "	07-172-180	07-173-180	07-174-180	07-175-180
210 mm – 8 ¼ "	07-172-210	07-173-210	07-174-210	07-175-210
glattes Maul smooth jaws mors lisse boca lisa morso liscio	gerade, ohne Sperre straight, without ratchet droit, sans crémaillère recta, sin cremallera retto, senza cremagliera	gerade, mit Sperre straight, with ratchet droit, avec crémaillère recta, con cremallera retto, con cremagliera	gebogen, ohne Sperre curved, without ratchet courbe, sans crémaillère curva, sin cremallera curvo, senza cremagliera	gebogen, mit Sperre curved, with ratchet courbe, avec crémaillère curva, con cremallera curvo, con cremagliera

Nadelhalter
Needle holders
Porte-aiguilles
Porta-agujas
Porta aghi

TC



TOENNIS

		TC
180 mm – 7"	07-176-180	07-177-180

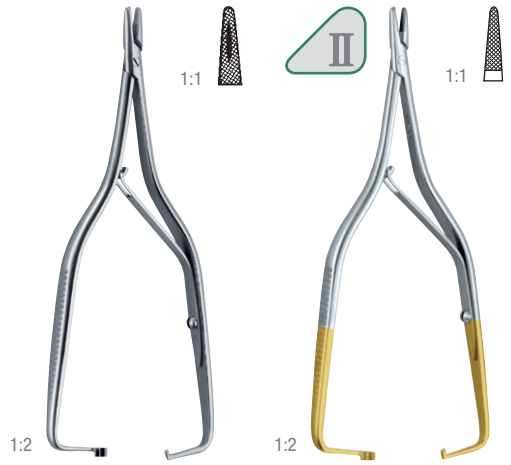


LICHTENBERG

		TC
140 mm – 5½"		07-179-140
170 mm – 6¾"	07-178-170	07-179-170
200 mm – 8"	07-178-200	07-179-200

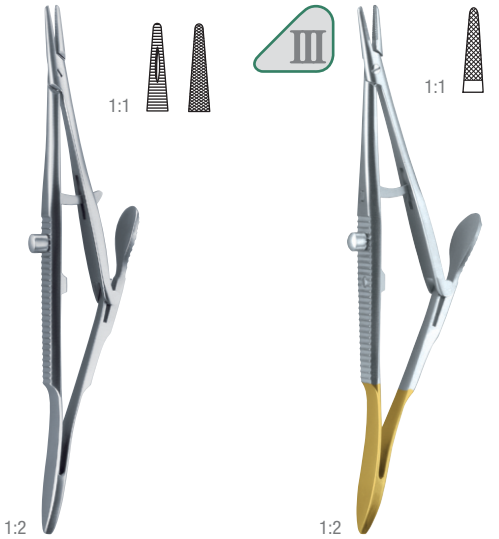
Nadelhalter
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Porte-aiguilles
Porta-agujas
Porta aghi

TC



BOYNTON

		TC
120 mm – 4 ¾ "	07-180-120	07-190-120

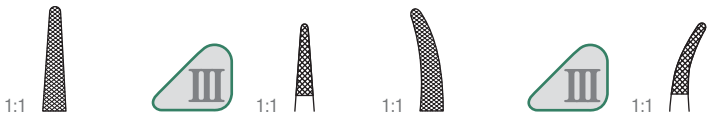


KALT

		TC
140 mm – 5 ½ "	07-191-135	07-193-135



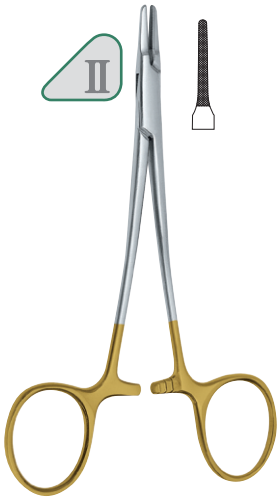
ARRUGA



	TC	TC	TC	TC
160 mm – 6 ¼ "	07-194-160	07-195-160	07-196-160	07-197-160
	gerade straight droit recta retto	gerade straight droit recta retto	gebogen curved courbe curva curvo	gebogen curved courbe curva curvo

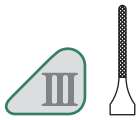
Nadelhalter
Needle holders
Porte-aiguilles
Porta-agujas
Porta aghi

TC



RYDER

	TC
130 mm – 5 "	07-192-130
150 mm – 6 "	07-192-150
180 mm – 7 "	07-192-180
200 mm – 8 "	07-192-200
230 mm – 9 "	07-192-230
260 mm – 10 ¼ "	07-192-260

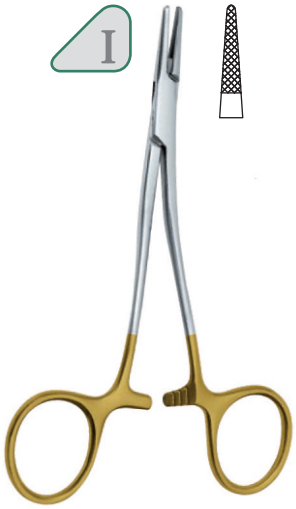


MINI-RYDER

TC
07-198-130
07-198-150
07-198-180
07-198-200
07-198-230
07-198-260

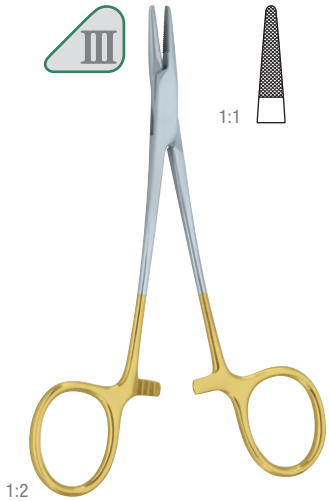
Nadelhalter
Needle holders
Porte-aiguilles
Porta-agujas
Porta aghi

TC



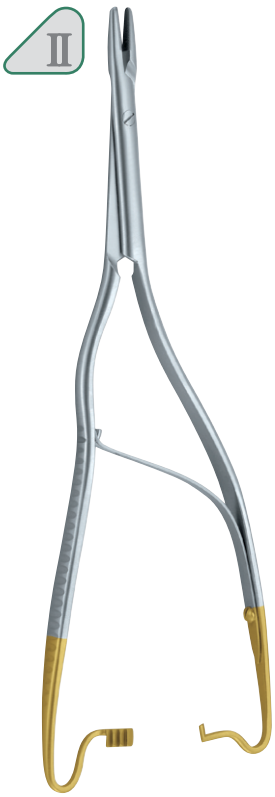
KILNER

		TC
135 mm – 5 ¼ „	07-199-135	07-200-135
160 mm – 6 ¼ "	07-199-160	



CONVERSE

	TC
130 mm – 5 "	07-201-125





HÖSEL

TC	TC
200 mm – 8 "	250 mm – 9 ¾ "
07-202-200	07-202-250

mit langem Hals
with long neck
avec col longue
con cuello largo
con collo lungo





TC	TC
205 mm – 8 "	260 mm – 10 ¼ "
07-203-200	07-203-260

mit langem Hals
with long neck
avec col longue
con cuello largo
con collo lungo

Nadelhalter
Needle holders
Porte-aiguilles
Porta-agujas
Porta aghi

TC







ZWEIFEL

TC	TC
200 mm – 8 "	230 mm – 9 "
07-204-200	07-204-230





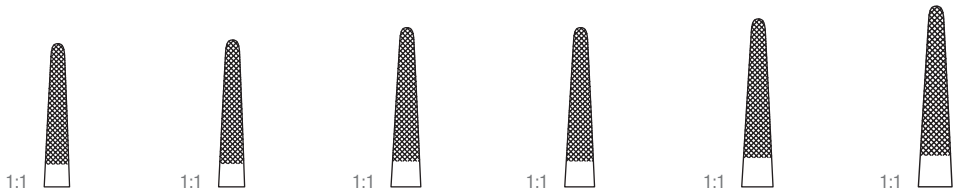
LANGENBECK

	TC
140 mm – 5 ½ "	07-205-140
160 mm – 6 ¼ "	07-205-160
180 mm – 7 "	07-205-180
200 mm – 8 "	07-205-200
230 mm – 9 "	07-205-230

Nadelhalter
Needle holders
Porte-aiguilles
Porta-agujas
Porta aghi

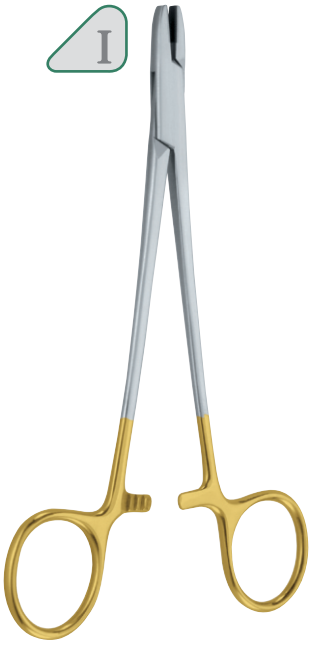
TC





DE BAKEY

TC	TC	TC	TC	TC	TC
160 mm – 6 ¼ "	180 mm – 7 "	200 mm – 8 "	230 mm – 9 "	260 mm – 10 ¼ "	300 mm – 12 "
07-206-160	07-206-180	07-206-200	07-206-230	07-206-260	07-206-300



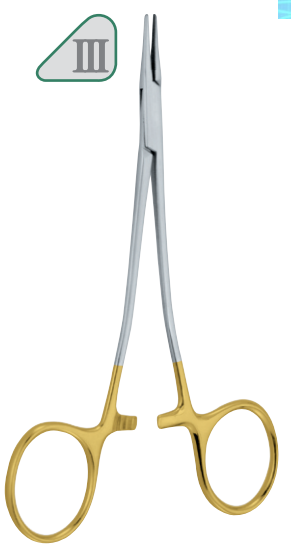


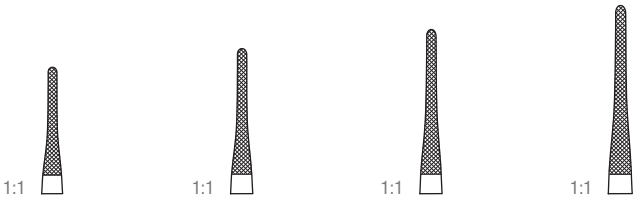
	TC	TC
150 mm – 6 "	07-207-150	07-208-150
180 mm – 7 "	07-207-180	07-208-180
200 mm – 8 "	07-207-200	07-208-200

Drahtzange
Wire forceps
Pince pour fils d'acier
Pinza para hilos
Pinze per fili d'accaio

Nadelhalter
Needle holders
Porte-aiguilles
Porta-agujas
Porta aghi

TC





VASCULAR

TC	TC	TC	TC
140 mm – 5 ½ "	180 mm – 7 "	200 mm – 8 "	230 mm – 9 "
07-209-140	07-209-180	07-209-200	07-209-230





V **ASCULAR**

	TC	TC	TC	TC
180 mm – 7 "	07-210-180	07-211-180	07-212-180	07-213-180
	gerade, ohne Sperre straight, without ratchet droit, sans crémaillère recta, sin cremallera retto, senza cremagliera	gerade, mit Sperre straight, with ratchet droit, avec crémaillère recta, con cremallera retto, con cremagliera	gebogen, ohne Sperre curved, without ratchet courbe, sans crémaillère curva, sin cremallera curvo, senza cremagliera	gebogen, mit Sperre curved, with ratchet courbe, avec crémaillère curva, con cremallera curvo, con cremagliera





DIETHRICH

	TC
160 mm – 6 ¼ "	07-214-160
180 mm – 7 "	07-214-180
200 mm – 8 "	07-214-200
230 mm – 9 "	07-214-230
250 mm – 9 ¾ "	07-214-260

Nadelhalter
Needle holders
Porte-aiguilles
Porta-agujas
Porta aghi

TC



CASTROVIEJO





130 mm – 5 "	19-922-130	19-923-130
	gerade, gerieftes Maul straight, serrated jaws droit, mors strié recta, boca estriada retto, morso zigrinato	gebogen, gerieftes Maul curved, serrated jaws courbe, mors strié curva, boca estriada curvo, morso zigrinato

CASTROVIEJO

	TC	TC
130 mm – 5 "	20-724-130	20-725-130
	gerade, gerieftes Maul straight, serrated jaws droit, mors strié recta, boca estriada retto, morso zigrinato	gebogen, gerieftes Maul curved, serrated jaws courbe, mors strié curva, boca estriada curvo, morso zigrinato



CASTROVIEJO

	TC
130 mm – 5 "	07-215-130
	glattes Maul smooth jaws mors strié boca lisa morso liscio







BARRAQUER

	TC	TC
130 mm – 5 "	07-216-130	07-217-130
	gebogen, mit Sperre curved, with ratchet courbe, avec crémaillère curva, con cremallera curvo, con cremagliera	gebogen, ohne Sperre curved, without ratchet courbe, sans crémaillère curva, sin cremallera curvo, senza cremagliera

Nahtinstrumente
Suture instruments
Instruments à suture
Instrumentos para sutura
Strumenti per sutura



REVERDIN

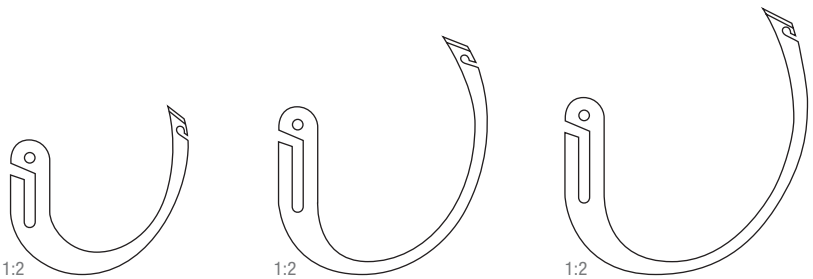
	Fig. 1	Fig. 2	Fig. 3	Fig. 4
150 mm – 6 "	07-232-150	07-233-150	07-234-150	07-235-150
195 mm – 7 ¾ "	07-236-001	07-236-002	07-236-003	07-236-004
225 mm – 8 ¾ "	07-232-230	07-233-230	07-234-230	07-235-230



YOUNG

250 mm – 9 ¾ "	07-237-000

Komplett mit einem Nadelaufsatz
Complete with one needle
Complet avec une aiguille
Completo con una aguja
Completo con un ago



07-237-010	07-237-020	07-237-030

Ersatznadel
Spare needle
Aiguille de rechange
Aguja de cambio
Ago di ricambio

Nahtinstrumente
Suture instruments
Instruments à suture
Instrumentos para sutura
Strumenti per sutura



200 mm – 8 "	07-238-200

biegsam
flexible
malléable
maleable
flessibile



COOPER

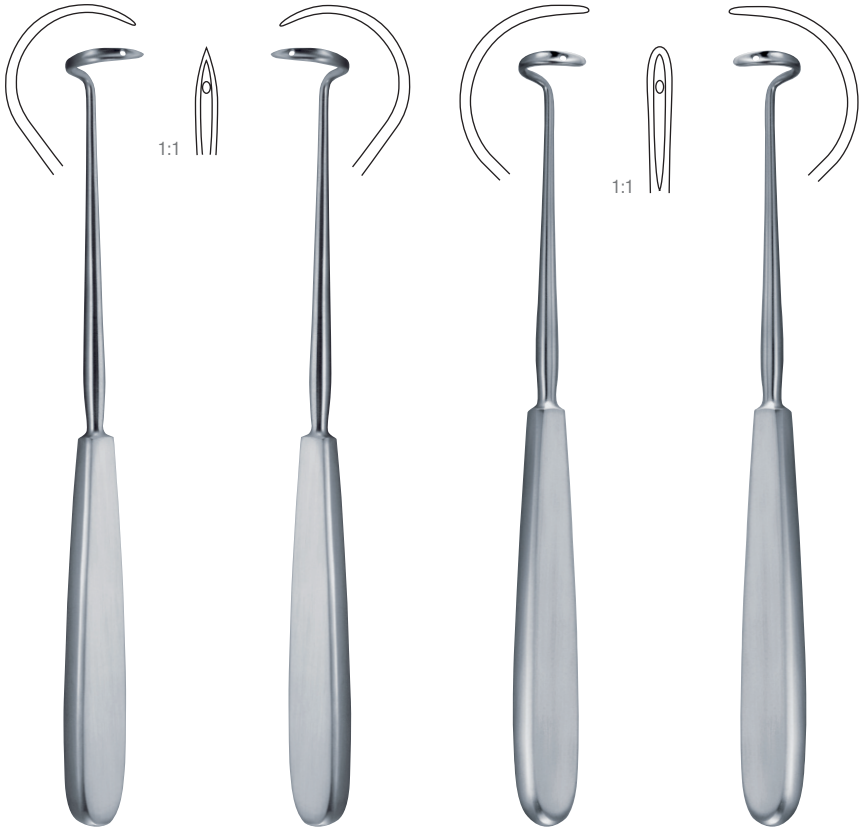
190 mm – 7 ½ "	07-239-190



KRONECKER

130 mm – 5 "	07-240-130	07-241-130
	für die rechte Hand for right hand pour la main droite para la mano derecha per la mano destra	für die linke Hand for left hand pour la main gauche para la mano izquierda per la mano sinistra

unterbindungsnadeln
Ligature needles
Aiguilles à suture
Agujas para sutura
Aghi per sutura



DESCHAMPS

200 mm – 8 "	07-242-200	07-243-200	07-244-200	07-245-200
240 mm – 9 ½ "	07-246-240	07-247-240	07-248-240	07-249-240
270 mm – 10 ¾ "	07-246-270	07-247-270	07-248-270	07-249-270
	scharf sharp pointue aguda acuta	scharf sharp pointue aguda acuta	stumpf blunt mousse roma smussa	stumpf blunt mousse roma smussa
	für die rechte Hand for right hand pour la main droite para la mano derecha per la mano destra	für die linke Hand for left hand pour la main gauche para la mano izquierda per la mano sinistra	für die rechte Hand for right hand pour la main droite para la mano derecha per la mano destra	für die linke Hand for left hand pour la main gauche para la mano izquierda per la mano sinistra

Nahtinstrumente
Suture instruments
Instruments à suture
Instrumentos para sutura
Strumenti per sutura



ROTTER

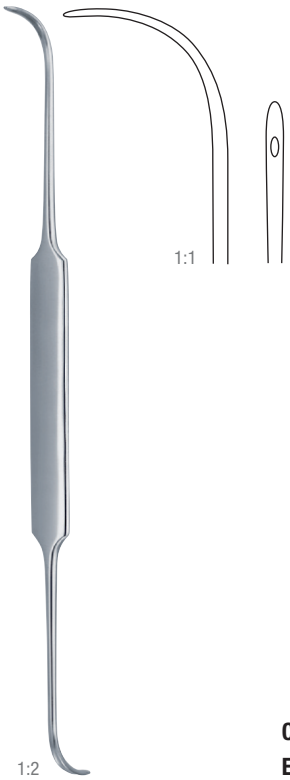








260 mm – 10 ¼ "	07-250-010	07-250-020	07-251-010	07-251-020
	für die rechte Hand for right hand pour la main droite para la mano derecha per la mano destra	für die linke Hand for left hand pour la main gauche para la mano izquierda per la mano sinistra	für die rechte Hand for right hand pour la main droite para la mano derecha per la mano destra	für die linke Hand for left hand pour la main gauche para la mano izquierda per la mano sinistra



SCHMIEDEN

210 mm – 8 ¼ "	07-252-210



CLAUS-EICKEN

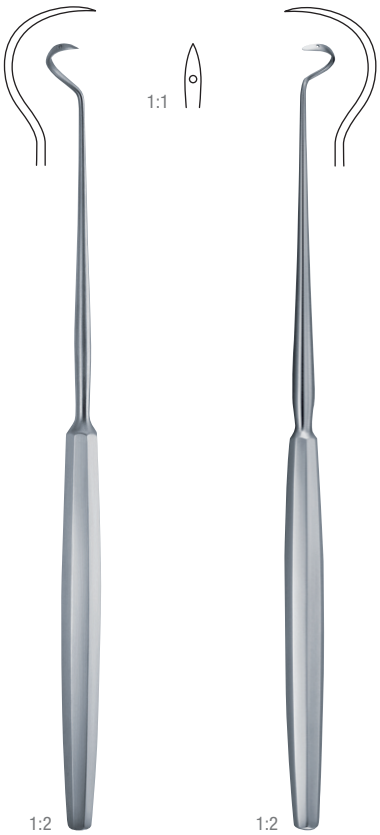
230 mm – 9 "	07-253-230



CLAUS

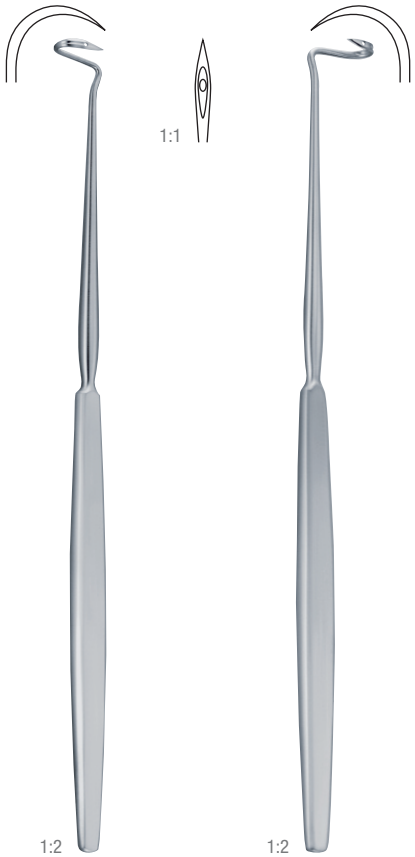
230 mm – 9 "	07-254-230

Nahtinstrumente
Suture instruments
Instruments à suture
Instrumentos para sutura
Strumenti per sutura



HURD

210 mm – 8 ¼ "	07-255-210 für die rechte Hand for right hand pour la main droite para la mano derecha per la mano destra	07-256-210 für die linke Hand for left hand pour la main gauche para la mano izquierda per la mano sinistra



DUPUY-WEISS

220 mm – 8 ¾ "	07-257-220 für die rechte Hand for right hand pour la main droite para la mano derecha per la mano destra	07-258-220 für die linke Hand for left hand pour la main gauche para la mano izquierda per la mano sinistra

Nahtinstrumente
Suture instruments
Instruments à suture
Instrumentos para sutura
Strumenti per sutura

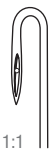


1:2 **ANKAUER**

y











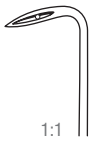


170 mm – 6 ¾ "	07-259-010	07-259-020	07-259-030	07-259-040	07-259-050	07-259-060

Septumnadeln
Septum suture needles
Aiguilles de sutures du septum
Agujas de sutura de septum
Aghi di sutura per setto





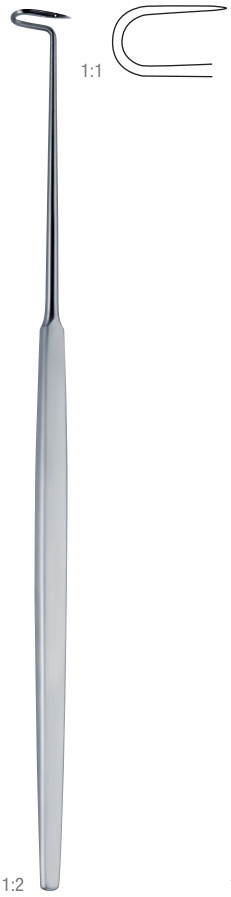


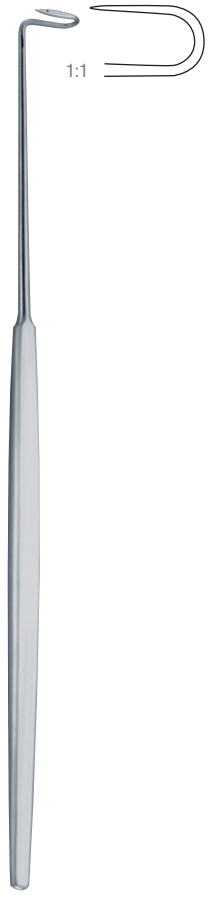
07-259-070	07-259-080	07-259-090



NAGER 1:2

240 mm – 9 ½ "	07-260-240





FALK 1:2 1:2

240 mm – 9 ½ "	07-261-240	07-262-240

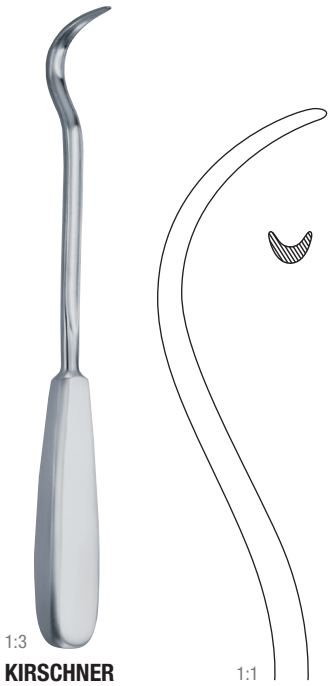
für die rechte Hand
for right hand
pour la main droite
para la mano derecha
per la mano destra

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

führungshohlsonden – Nahtinstrumente
Ligature conductors – Suture instruments
Sondes conductrices – Instruments à suture
Sondas conductoras – Instrumental para sutura
Sonde conduttrici – Strumenti per sutura

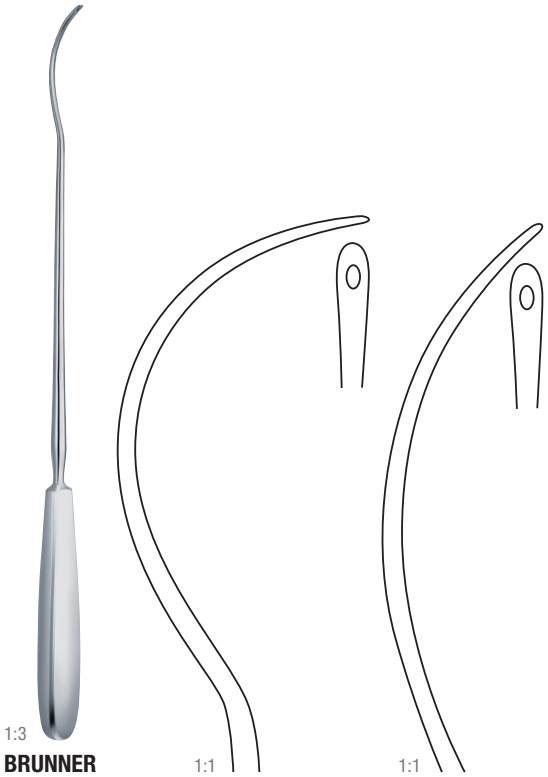


280 mm – 11 "	4 mm	07-263-280



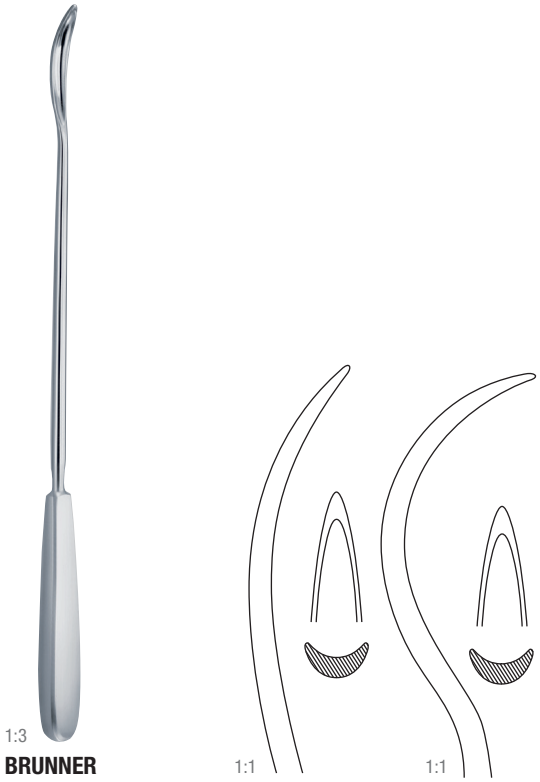
KIRSCHNER

255 m – 10 "	5 mm	07-264-250



BRUNNER

300 mm – 12 "	07-265-300	07-266-300



BRUNNER

	8 mm	8 mm
300 mm – 12 "	07-267-300	07-268-300

führungshohlsonden – Nahtinstrumente
Ligature conductors – Suture instruments
Sondes conductrices – Instruments à suture
Sondas conductoras – Instrumental para sutura
Sonde conduttrici – Strumenti per sutura





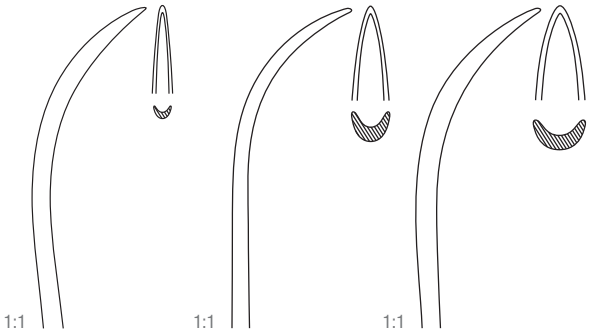
1:2

KIRSCHNER

270 mm – 10 ¾ "	07-272-270

Ferrozell





KÖNIG

1:1 1:1 1:1

	2.5 mm	5 mm	7 mm
190 mm – 7 ½ "	07-269-030	07-270-190	
200 mm – 8 "			07-271-200

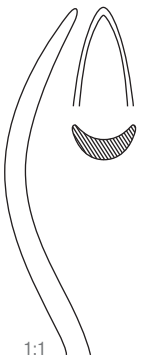
BRUNNER

180 mm – 7 "	07-273-180
270 mm – 10 ¾ "	07-273-270

Ferrozell



1:2



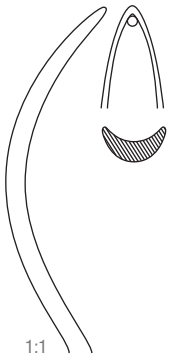
1:1

SCHMIEDEN

190 mm – 7 ½ "
8 mm
07-274-190



1:2



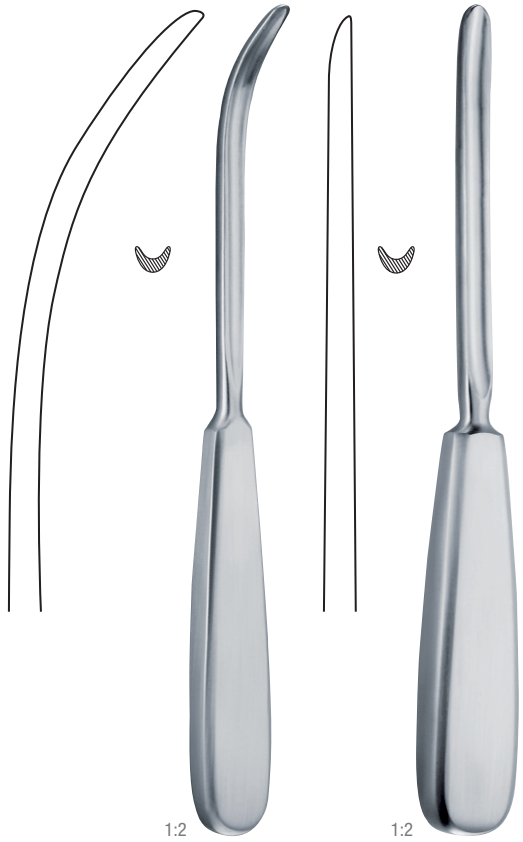
1:1

SCHMIEDEN-PAYR

190 mm – 7 ½ "
8 mm
07-275-190

führungshohlsonden – Nahtinstrumente
Ligature conductors – Suture instruments
Sondes conductrices – Instruments à suture
Sondas conductoras – Instrumental para sutura
Sonde conduttrici – Strumenti per sutura

. wieN



PAYR

	5 mm	5 mm
220 mm – 8 ¾ "	07-276-220	07-277-220



MOD

235 mm – 9 ¼ "
07-278-230

Fadenfänger
Ligature catcher
Porte-ligature
Captador de hilos
Portalegature



BOZEMANN

210 mm – 8 ¼ "
07-279-210

Schlingendreher
Knot tier
Tords-fil
Tuerce-lazos
Torcifilo



230 mm – 9 "
07-280-230

Fadengabel
Ligature adjuster
Pousse-fil
Horquilla de hilos
Forchetta da sutura

klammernaht-instrumente
Suture clip instruments

Instruments pour sutures aux agrafes
Instrumentos para suturas con grapas
Strumenti per suture con agraffes



CHILDE 1:2

180 mm – 7 "	07-281-175

kräftig, mit Klammerschiene
heavy pattern, with clip holder
modèlo fort, avec porte-agrafes
modelo fuerte, con barra para agrafes
modello forte, con portaagrafes



MICHEL 1:2

120 mm – 4 ¾ "	07-282-120



WACHENFELDT 1:2

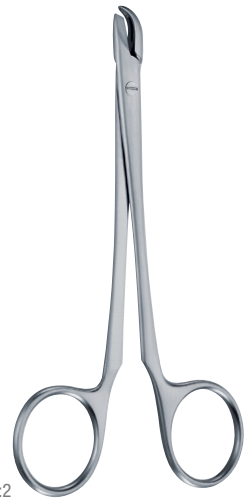
125 mm – 5 "	07-283-125	07-284-125



1:2

HEGENBARTH

125 mm – 5 "	07-285-125



1:2

COLLIN

130 mm – 5 "	07-286-130



1:2

RICHTER-HEATH

140 mm – 5 ½ "	07-287-140

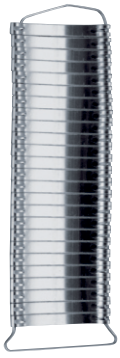
klammernaht-instrumente
Suture clip instruments

Instruments pour sutures aux agrafes
Instrumentos para suturas con grapas
Strumenti per suture con agraffes



MICHEL 1:2

120 mm – 4 ¾ "	07-288-120




1:1


1:1


1:1


1:1

MICHEL

7,5 mm x 1,75 mm	11 mm x 2 mm	12 mm x 3 mm	14 mm x 3 mm
07-289-007	07-289-011	07-289-012	07-289-014

Verkaufseinheit = 1.000 Stück (10 Packungen à 100 Stück)
Unit for sale = 1.000 pieces (10 packages with 100 pieces)
Unité de vente = 1.000 pièces (10 paquets avec 100 pièces)
Unidad de venta = 1.000 piezas (10 paquetes con 100 piezas)
Unità di vendita = 1.000 pezzi (10 pacchetti con 100 pezzi)


1:1


1:1


1:1


1:1

MICHEL

16 mm x 3 mm	18 mm x 3 mm	20 mm x 3 mm	22 mm x 3 mm
07-289-016	07-289-018	07-289-020	07-289-022

» Wundhaken

» Retractors

» Ecarteurs

» Separadores

» Divaricatori

NJ ENTERPRISES



Nasenhäkchen
Nasal hooks
Crochets nasales
Ganchitos nasales
Uncini nasali



KILNER 1:2

150 mm – 6 "
08-101-150



JOSEPH 1:2

150 mm – 6 "
08-102-150



LANGE 1:2

220 mm – 8 ¾ "
08-103-220



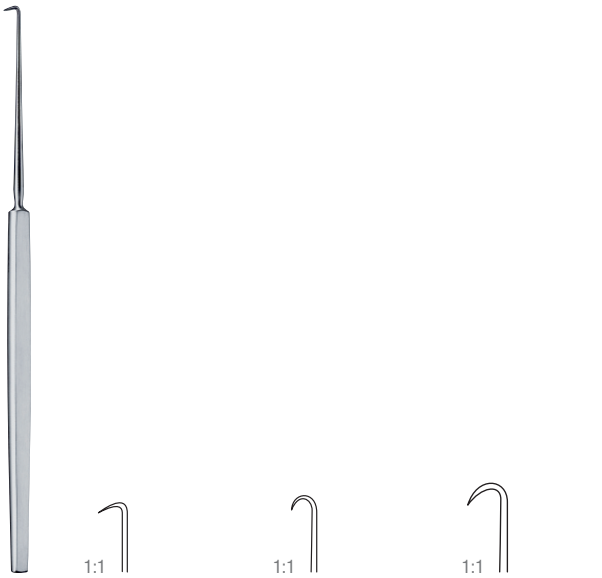
COTTLE 1:2

160 mm – 6 ¼ "
08-104-160



FOMON 1:2

170 mm – 6 ¾ "
08-105-170

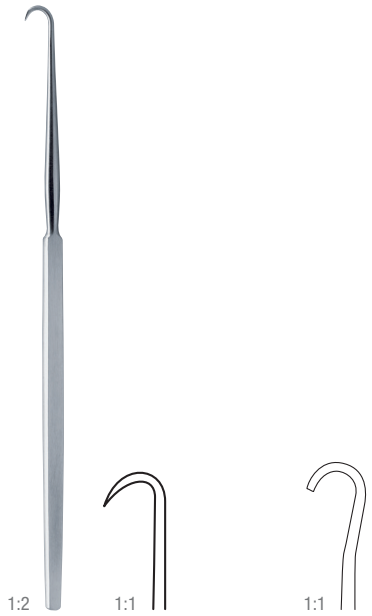


COTTLE 1:2 1:1 1:1 1:1

150 mm – 6 "	08-106-001	08-106-002	08-106-003

Nasenhäkchen
Nasal hooks
Crochets nasales
Ganchitos nasales
Uncini nasali

ITERSON



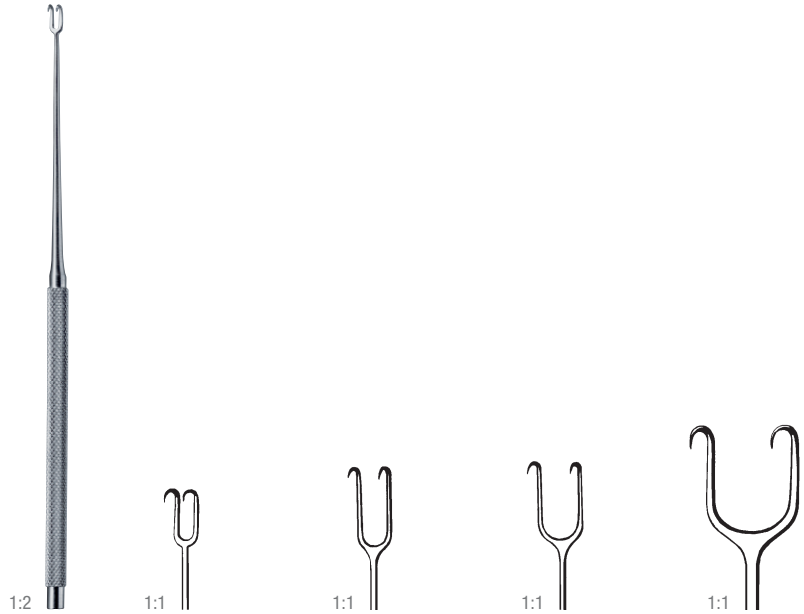
160 mm – 6 ¼ "	08-107-160	08-108-160
	scharf sharp pointu agudo acuto	stumpf blunt mousse romo smusso

GILLIES



	Fig. 1	Fig. 2
180 mm – 7 "	08-109-001	08-109-002

JOSEPH



	2 mm	5 mm	7 mm	10 mm
160 mm – 6 ¼ "	08-110-002	08-110-005	08-110-007	08-110-010

Nasenhäkchen
Nasal hooks
Crochets nasales
Ganchitos nasales
Uncini nasali



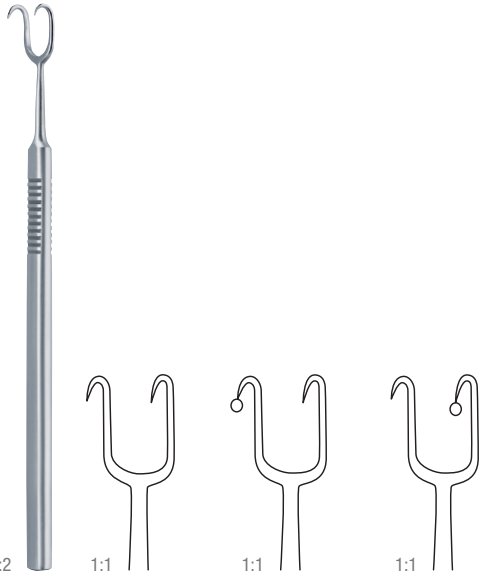
COTTLE-NEIVERT 1:2

200 mm – 8 "	08-111-200



FOMON 1:2

160 mm – 6 ¼ "	08-112-160



COTTLE 1:2 1:1 1:1 1:1

150 mm – 6 "	08-112-140	08-113-010	08-113-020

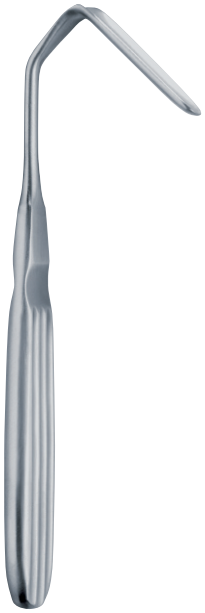


NEIVERT 1:2

160 mm – 6 ¼ "	08-114-160

Nasen- und trachealhäkchen
Nose and trachea hooks

Ecarteurs nasales et tracheales
Separadores traqueales y nasales
Uncini tracheali e nasali



AUFRICHT 1:2

160 mm – 6 ¼ "	160 mm – 6 ¼ "
08-115-160	08-116-160

mit Kaltlichtaufsatz
with F.O. light carrier
avec support lumière froide
con guía de luz fría
con supporto per luce fredda



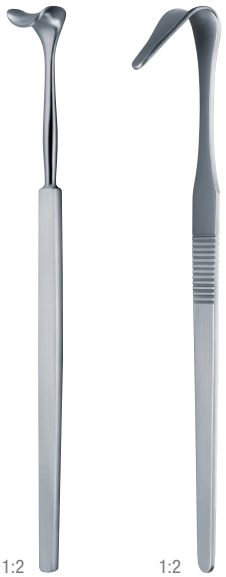
KILNER 1:2

100 mm – 4 "	08-117-100



CONVERSE 1:2

120 mm – 4 ¾ "	08-118-120



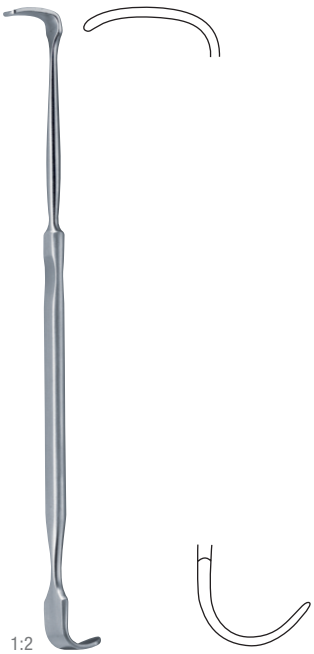
COTTLE 1:2 1:2

150 mm – 6 "	08-119-150	08-120-150



JACKSON 1:2

150 mm – 6 "	08-121-150

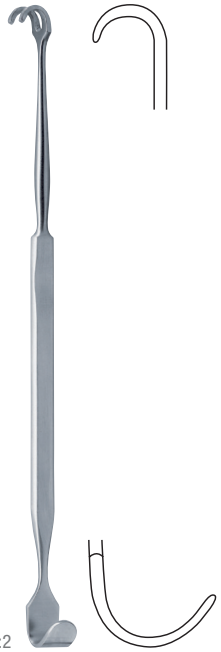


LUKENS 1:2

170 mm – 6 ⅔ "	08-122-170

stumpf
blunt
mousse
romo
smusso

Trachealhäkchen
Trachea hooks
Ecarteurs tracheales
Separadores traqueales
Uncini tracheali



JACKSON 1:2

170 mm – 6⅔ "	08-123-170



JACKSON 1:2

180 mm – 7 "	08-124-180	08-125-180
	stumpf blunt mousse romo smusso	scharf sharp pointu agudo acuto

Wundhaken
Retractors

Ecarteurs
Separadores
Divaricatori



ROSE 1:2

130 mm – 5 "	08-126-130



LUER 1:2

110 mm – 4 ¼ "	08-127-110



SCHOENBORN 1:2

210 mm – 8 ¼ "	08-128-210

Wundhaken
Retractors

Ecarteurs
Separadores
Divaricatori


1:2

EMMET


1:1

1:1

1:1

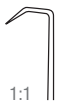
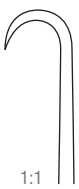
1:1

1:1

	Fig. 1	Fig. 2	Fig. 3	Fig. 4	Fig. 5
220 mm – 8 ¾ "	08-129-001	08-129-002	08-129-003	08-129-004	08-129-005


1:2


1:1

1:1

1:1

1:1

160 mm – 6 ¼ "	08-130-001	08-130-002	08-130-003	08-130-004

scharf
sharp
pointu
agudo
acuto


1:1

1:1

1:1

1:1

160 mm – 6 ¼ "	08-131-001	08-131-002	08-131-003	08-131-004

stumpf
blunt
mousse
romo
smusso

Wundhaken
Retractors

Ecarteurs
Separadores
Divaricatori


1:2


1:1

1:1

1:1

160 mm – 6 ¼ "	08-132-002	08-132-003	08-132-004

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

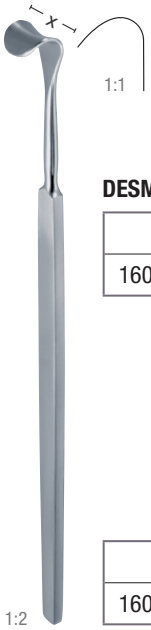

1:1

1:1

1:1

160 mm – 6 ¼ "	08-133-002	08-133-003	08-133-004

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


1:2

1:1

DESMARRES

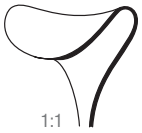

1:1

1:1

1:1

	x = 8 mm	x = 10 mm	x = 12 mm
160 mm – 6 ¼ "	08-134-080	08-134-100	08-134-120


1:1

1:1

1:1

	x = 14 mm	x = 16 mm	x = 18 mm
160 mm – 6 ¼ "	08-134-140	08-134-160	08-134-180


1:2

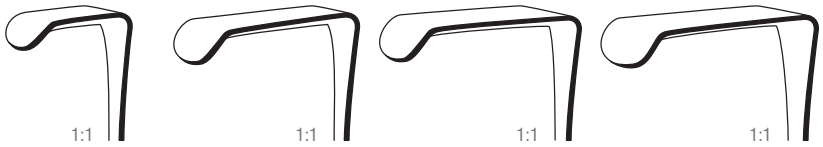
KNAPP (ROLLET)

160 mm – 6 ¼ "	08-135-130	08-136-130	08-137-130
flexibel, scharf flexible, sharp flexible, pointu flexible, agudo flessibile, acuto	2 Zähne 2 Teeth 2 Dents 2 Dientes 2 Denti	3 Zähne 3 Teeth 3 Dents 3 Dientes 3 Denti	4 Zähne 4 Teeth 4 Dents 4 Dientes 4 Denti

Wundhaken
Retractors

Ecarteurs
Separadores
Divaricatori


1:2


1:1 1:1 1:1 1:1

MINI-LANGENBECK

	10 mm x 6 mm	17 mm x 5 mm	20 mm x 6 mm	22 mm x 8 mm
160 mm – 6 ¼ "	08-138-100	08-138-170	08-138-200	08-138-220


1:2


1:1 1:2 1:2 1:2 1:2 1:2 1:2

KOCHER

220 mm – 8 ¾ "	08-139-010	08-139-020	08-139-030	08-139-040	08-139-060	08-139-080

scharf
sharp
pointu
agudo
acuto


1:1 1:2 1:2 1:2 1:2 1:2 1:2

220 mm – 8 ¾ "	08-140-010	08-140-020	08-140-030	08-140-040	08-140-060	08-140-080

stumpf
blunt
mousse
romo
smusso


1:1 1:2 1:2 1:2 1:2 1:2 1:2

220 mm – 8 ¾ "	08-141-010	08-141-020	08-141-030	08-141-040	08-141-060	08-141-080

halbscharf
semi-sharp
semi-pointu
semi-agudo
semi-acuto

Wundhaken
Retractors

Ecarteurs
Separadores
Divaricatori



VOLKMANN 1:1 1:2 1:2 1:2 1:2 1:2

215 mm – 8 ½ "	08-142-001	08-142-002	08-142-003	08-142-004	08-142-006

scharf
sharp
pointu
agudo
acuto

1:1 1:2 1:2 1:2 1:2 1:2

215 mm – 8 ½ "	08-143-001	08-143-002	08-143-003	08-143-004	08-143-006

stumpf
blunt
mousse
romo
smusso

1:1 1:2 1:2 1:2 1:2 1:2

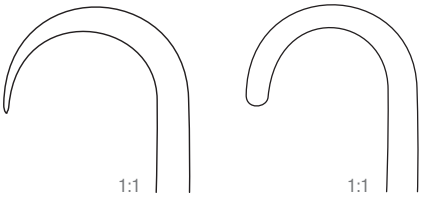
215 mm – 8 ½ "	08-144-010	08-144-020	08-144-030	08-144-040	08-144-060

halbscharf
semi-sharp
semi-pointu
semi-agudo
semi-acuto

Wundhaken
Retractors

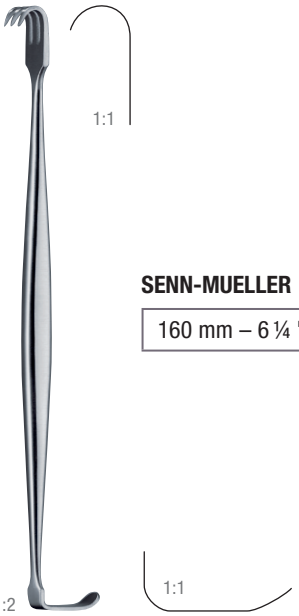
Ecarteurs
Separadores
Divaricatori

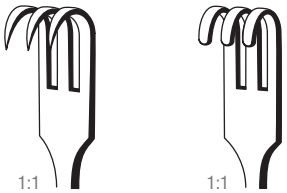




VOLKMANN

215 mm – 8 ½ "	08-145-010	08-146-010
	scharf sharp pointu agudo acuto	stumpf blunt mousse romo smusso





SENN-MUELLER

160 mm – 6 ¼ "	08-147-160	08-148-160
	scharf sharp pointu agudo acuto	stumpf blunt mousse romo smusso



KILNER

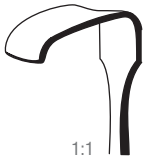
155 mm – 6 "	08-149-155

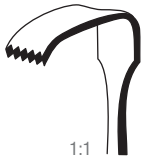
Wundhaken
Retractors

Ecarteurs
Separadores
Divaricatori



STRANDELL-
STILLE



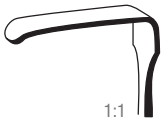


	20 mm x 6 mm	20 mm x 6 mm
190 mm – 7 ½ "	08-150-010	08-150-020

gezahnt
saw edge
dentelé
dentado
dentato



SENN-GREEN





	20 mm x 6 mm	10 mm x 6 mm
150 mm – 6 "	08-151-200	08-151-100



RAGNELL-
DAVIS

140 mm – 5 ½ "
08-152-140



COTTLE

150 mm – 6 "
08-153-140



CRILE

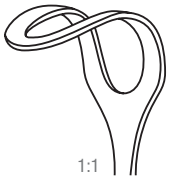
110 mm – 4 ¼ "
08-154-110

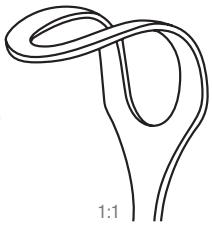
Wundhaken
Retractors

Ecarteurs
Separadores
Divaricatori









MIDDELDORPF

14 mm x 17 mm	20 mm x 22 mm	26 mm x 30 mm
215 mm – 8 ½ "	220 mm – 8 ¾ "	235 mm – 9 ¼ "
08-155-001	08-155-002	08-155-003



MEYERDING





	18 mm x 7 mm	16 mm x 5 mm
180 mm – 7 "	08-157-010	08-157-020





	7 mm x 4 mm	7 mm x 4 mm
180 mm – 7 "	08-157-030	08-157-040



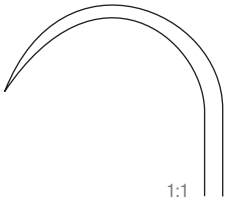


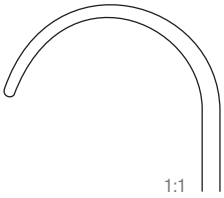
	10 mm x 3 mm	10 mm x 4 mm
180 mm – 7 "	08-157-050	08-157-060

Wundhaken
Retractors

Ecarteurs
Separadores
Divaricatori







KOERTE

1:2 1:1 1:1

	26 mm x 40 mm	26 mm x 40 mm
235 mm – 9 ¼ "	08-158-235	08-159-235
	scharf sharp pointu agudo acuto	stumpf blunt mousse romo smusso



GREEN

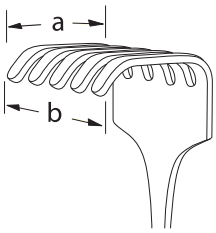
1:2

215 mm – 8 ½ "	08-159-220

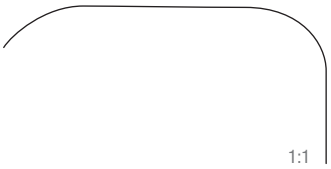
Wundhaken
Retractors

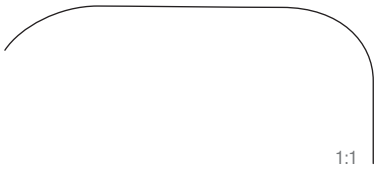
Ecarteurs
Separadores
Divaricatori


1:2

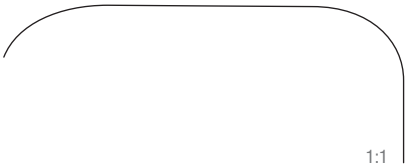


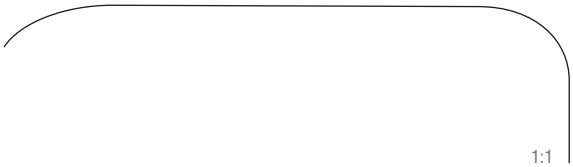
ISRAEL


1:1


1:1

	a = 40 mm – b = 40 mm	a = 45 mm – b = 50 mm
250 mm – 9 ¾ "	08-160-400	08-160-500
	4 Zähne 4 Teeth 4 Dents 4 Dientes 4 Denti	5 Zähne 5 Teeth 5 Dents 5 Dientes 5 Denti


1:1


1:1

	a = 50 mm – b = 60 mm	a = 70 mm – b = 70 mm
250 mm – 9 ¾ "	08-160-600	08-160-700
	6 Zähne 6 Teeth 6 Dents 6 Dientes 6 Denti	6 Zähne 6 Teeth 6 Dents 6 Dientes 6 Denti


1:2

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
220 mm – 8 ¾ "	08-161-010	08-161-020	08-161-030


1:1


1:1

	Fig. 4	Fig. 5
	40 mm x 11 mm	50 mm x 11 mm
220 mm – 8 ¾ "	08-161-040	08-161-050

Wundhaken
Retractors

Ecarteurs
Separadores
Divaricatori


1:2

LANGENBECK


1:1


1:1

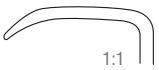

1:1

	Fig. 1	Fig. 2	Fig. 3
	30 mm x 11 mm	30 mm x 14 mm	30 mm x 16 mm
210 mm – 8 ¼ "	08-162-001	08-162-002	08-162-003


1:1

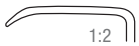

1:1

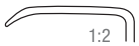
	Fig. 4	Fig. 5
	40 mm x 11 mm	50 mm x 11 mm
210 mm – 8 ¼ "	08-162-004	08-162-005


1:2

KOCHER-LANGENBECK
(OBWEGESER)


1:2


1:2


1:2


1:2

	25 mm x 6 mm	35 mm x 8 mm	35 mm x 11 mm	35 mm x 15 mm
215 mm – 8 ½ "	08-163-010	08-163-020	08-163-030	08-163-040


1:2


1:2


1:2

	42 mm x 11 mm	55 mm x 11 mm	70 mm x 14 mm
215 mm – 8 ½ "	08-163-050	08-163-060	08-163-070


1:2


1:2

	80 mm x 12 mm	80 mm x 16 mm
215 mm – 8 ½ "	08-163-080	08-163-090

Wundhaken
Retractors

Ecarteurs
Separadores
Divaricatori



CUSHING

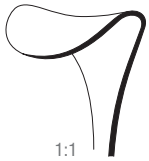












	x = 8 mm	x = 10 mm	x = 12 mm	x = 14 mm	x = 16 mm	x = 18 mm
200 mm – 8 "	08-164-080	08-164-100	08-164-120	08-164-140	08-164-160	08-164-180
240 mm – 9 ½ "	08-165-080	08-165-100	08-165-120	08-165-140	08-165-160	08-165-180

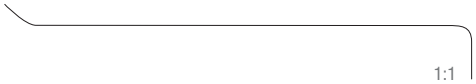


OBWEGESER





	40 mm x 11 mm	55 mm x 11 mm
220 mm – 8 ¾ "	08-166-400	08-166-550



	80 mm x 16 mm
220 mm – 8 ¾ "	08-166-800

Wundhaken
Retractors

Ecarteurs
Separadores
Divaricatori


1:2


1:1


1:1

OBWEGESER

	42 mm x 10 mm	70 mm x 11 mm
220 mm – 8 ¾ "	08-167-220	08-168-220


1:2

OBWEGESER

155 mm – 6 "	08-169-160



1:2

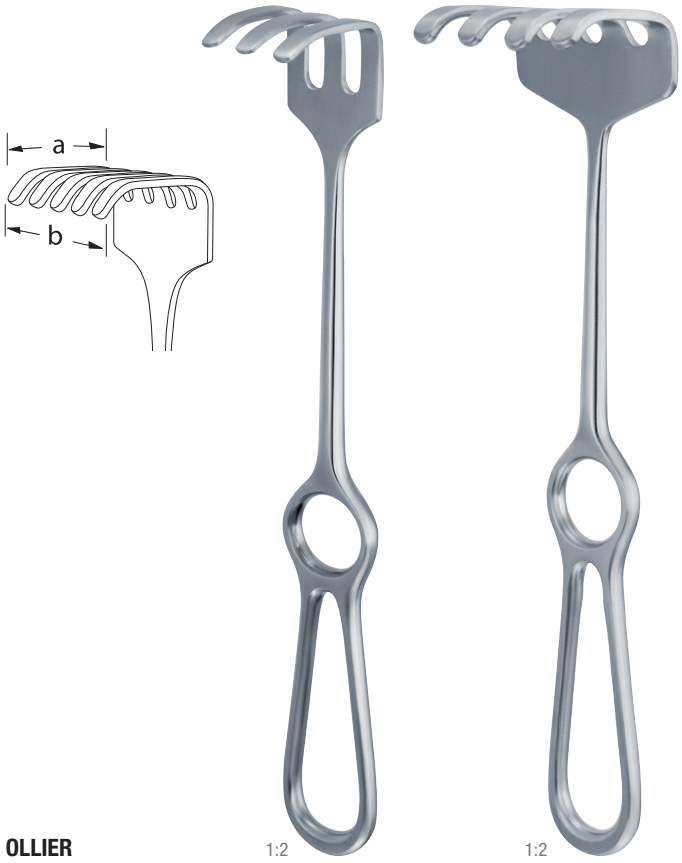
OBWEGESER

	x = 8 mm	x = 10 mm
160 mm – 6 ¼ "	08-170-080	08-170-100

biegsam
malleable
malléable
maleable
flessibile

Wundhaken
Retractors

Ecarteurs
Separadores
Divaricatori



OLLIER

	a = 36 mm – b = 30 mm	a = 36 mm – b = 60 mm
225 mm – 8 ¾ "	08-171-003	08-171-004

Wundhaken
Retractors

Ecarteurs
Separadores
Divaricatori



KOCHER 1:2

	25 mm x 8 mm	55 mm x 11 mm	40 mm x 12 mm	75 mm x 12 mm	85 mm x 12 mm	100 mm x 12 mm
210 mm – 8 ¼ "	08-172-080	08-172-550	08-172-400	08-172-750	08-172-850	08-172-100



1:2

LANGENBECK

	55 mm x 20 mm	60 mm x 20 mm
210 mm – 8 ¼ "	08-173-220	08-173-210



1:2

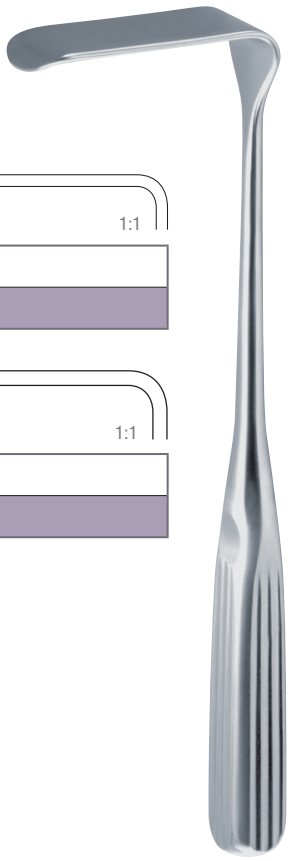
LANGENBECK

	85 mm x 15 mm
210 mm – 8 ¼ "	08-174-210

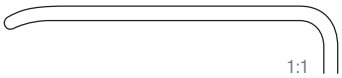
Griff vertikal zum Blatt
Handle vertical to the blade
Poignée verticale à la lame
Mango vertical a la hoja
Manico verticale verso la lama

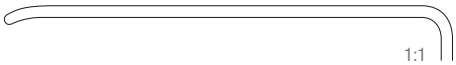
Wundhaken
Retractors

Ecarteurs
Separadores
Divaricatori

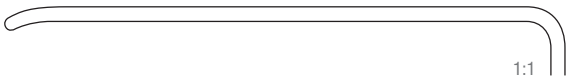


SAUERBRUCH





	45 mm x 15 mm	60 mm x 23 mm
225 mm – 8 ¾ "	08-175-450	08-175-600



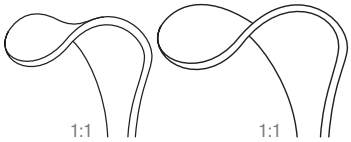
	75 mm x 20 mm
220 mm – 8 ¾ "	08-175-750



LAHEY

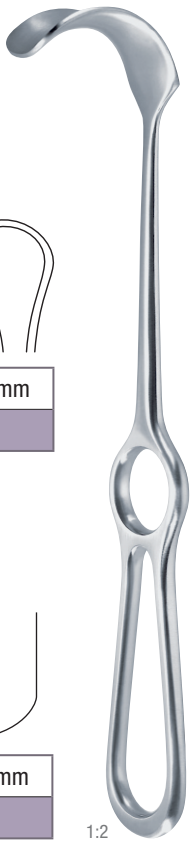
190 mm – 7 ½ "
28 mm x 6 mm
08-176-190

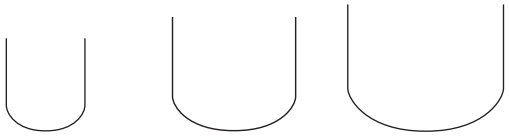




KOCHER

	19 mm x 12 mm	21 mm x 14 mm
190 mm – 7 ½ "	08-177-190	08-177-210





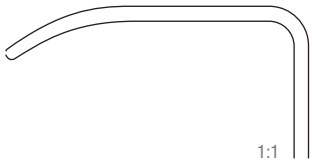
KOCHER

	40 mm x 10 mm	40 mm x 15 mm	40 mm x 20 mm
220 cm – 8 ¾ "	08-178-100	08-178-150	08-178-200

Wundhaken
Retractors

Ecarteurs
Separadores
Divaricatori


1:2


1:1


1:1

KOCHER

	40 mm x 18 mm	60 mm x 20 mm
230 mm – 9 "	08-179-180	08-179-200


1:1

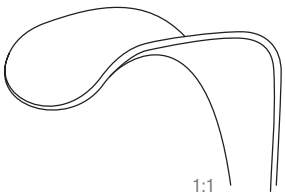

1:1

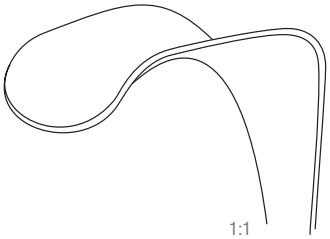
	60 mm x 25 mm	75 mm x 30 mm
230 mm – 9 "	08-179-250	08-179-300

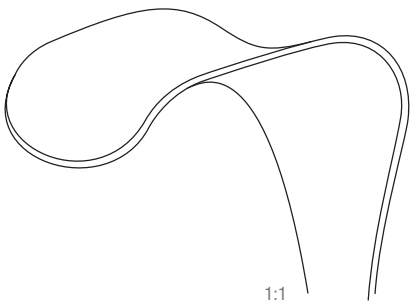

1:1

	75 mm x 40 mm
230 mm – 9 "	08-179-400


1:2


1:1


1:1

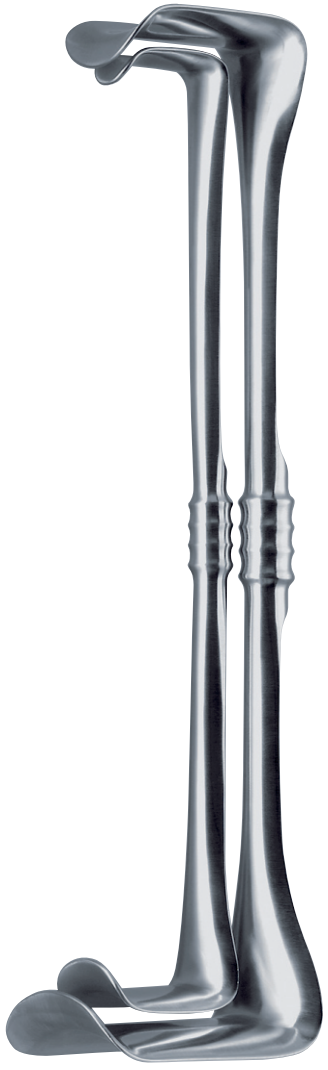

1:1

RICHARDSON

	25 mm x 20 mm	36 mm x 28 mm	44 mm x 38 mm
240 mm – 9 ½ "	08-180-025	08-180-030	08-180-038

Wundhaken
Retractors

Ecarteurs
Separadores
Divaricatori



1:2

RICHARDSON-EASTMAN

	Fig. 1	Fig. 2
	280 mm – 11 "	260 mm – 10¼ "
	49 mm x 38 mm	36 mm x 28 mm
	71 mm x 43 mm	28 mm x 20 mm
08-181-010	x	
08-181-020		x
08-181-000	x	x



1:2

RICHARDSON

240 mm – 9½ "
52 mm x 22 mm
08-182-240



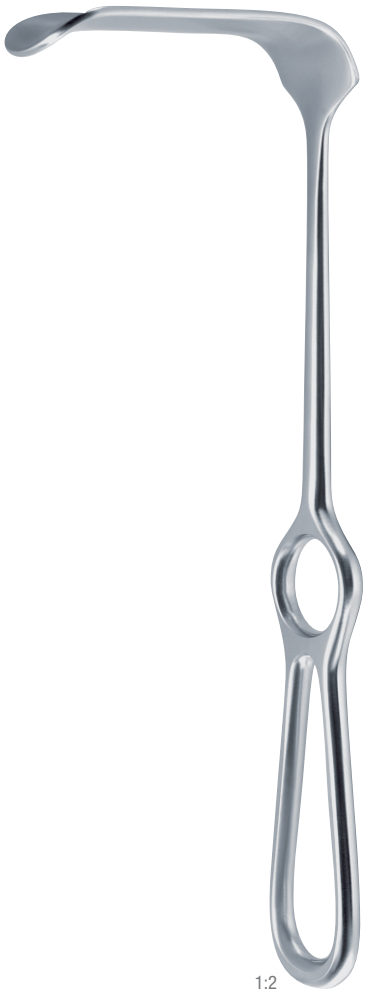
1:2

KELLY

260 mm – 10¼ "
65 mm x 50 mm
08-183-260

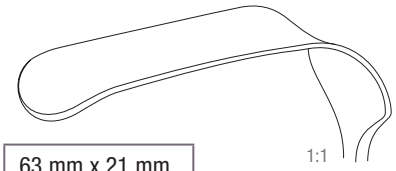
Wundhaken
Retractors

Ecarteurs
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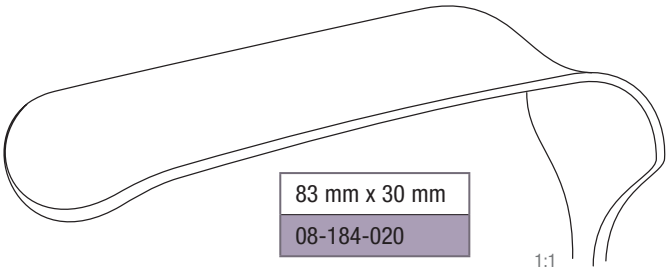

1:2

HOESEL

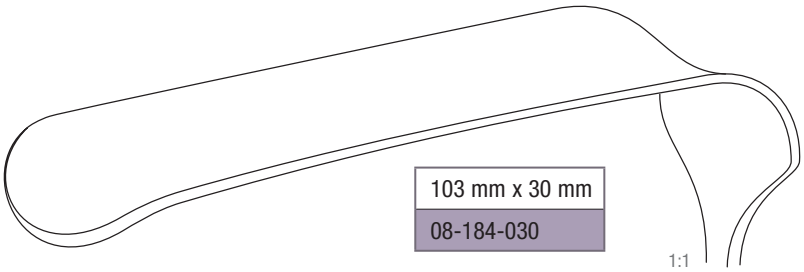
260 mm – 10 ¼ "


1:1

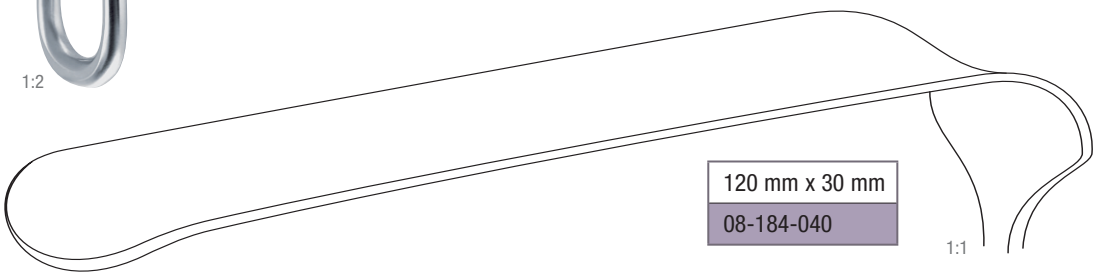
63 mm x 21 mm
08-184-010


1:1

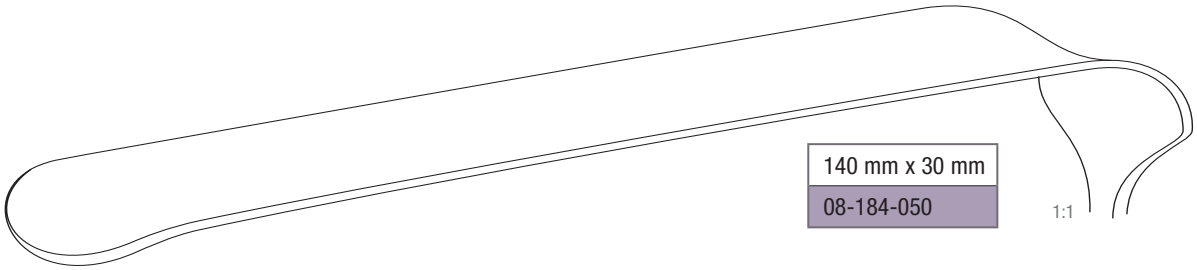
83 mm x 30 mm
08-184-020


1:1

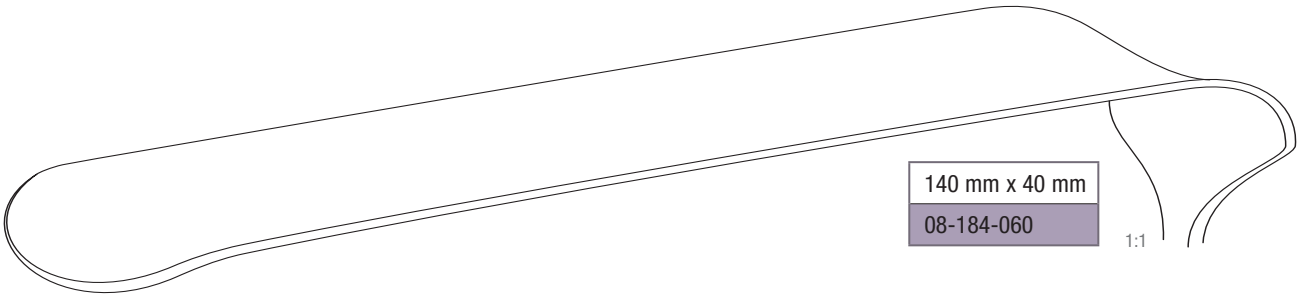
103 mm x 30 mm
08-184-030


1:1

120 mm x 30 mm
08-184-040


1:1

140 mm x 30 mm
08-184-050

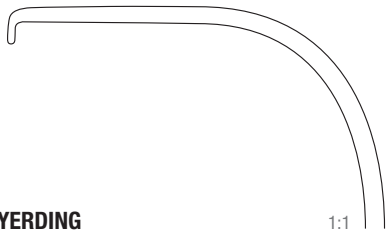

1:1

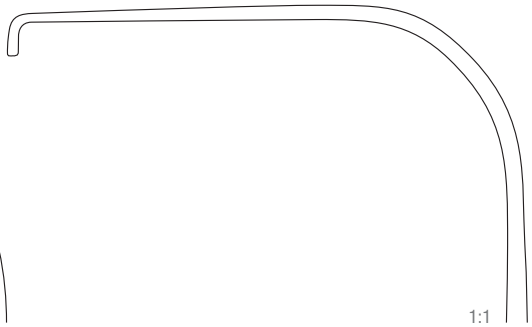
140 mm x 40 mm
08-184-060

Wundhaken
Retractors

Ecarteurs
Separadores
Divaricatori

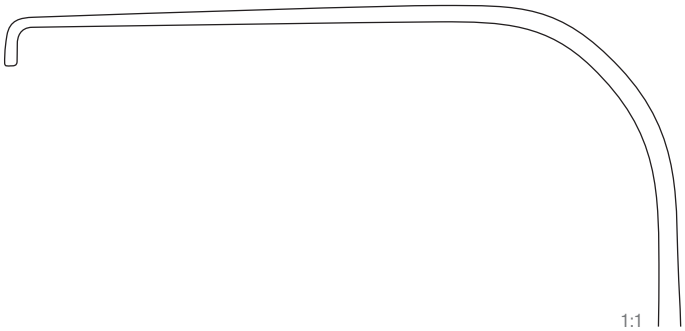




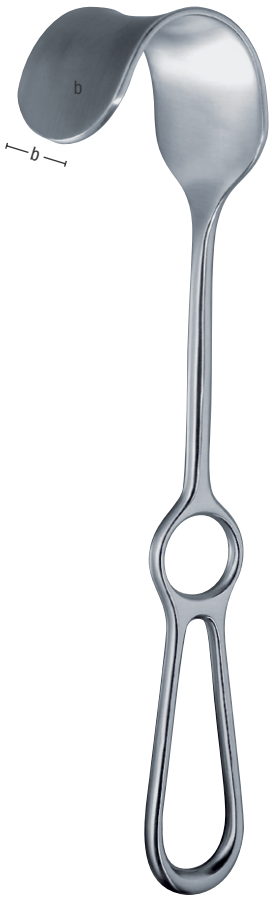


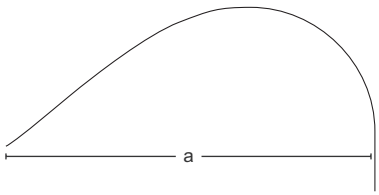
MEYERDING

200 mm – 8 "	220 mm – 8 ¾ "
50 mm x 16 mm	75 mm x 25 mm
08-185-010	08-185-020



240 mm – 9 ½ "
90 mm x 50 mm
08-185-030





a

FRITSCH

240 mm – 9 ½"	a = 32 mm – b = 40 mm	08-186-000
240 mm – 9 ½ "	a = 45 mm – b = 40 mm	08-186-001
240 mm – 9 ½ "	a = 45 mm – b = 50 mm	08-186-002
240 mm – 9 ½ "	a = 45 mm – b = 60 mm	08-186-003
240 mm – 9 ½ "	a = 45 mm – b = 75 mm	08-186-004
240 mm – 9 ½ "	a = 65 mm – b = 85 mm	08-186-005

Wundhaken
Retractors

Ecarteurs
Separadores
Divaricatori

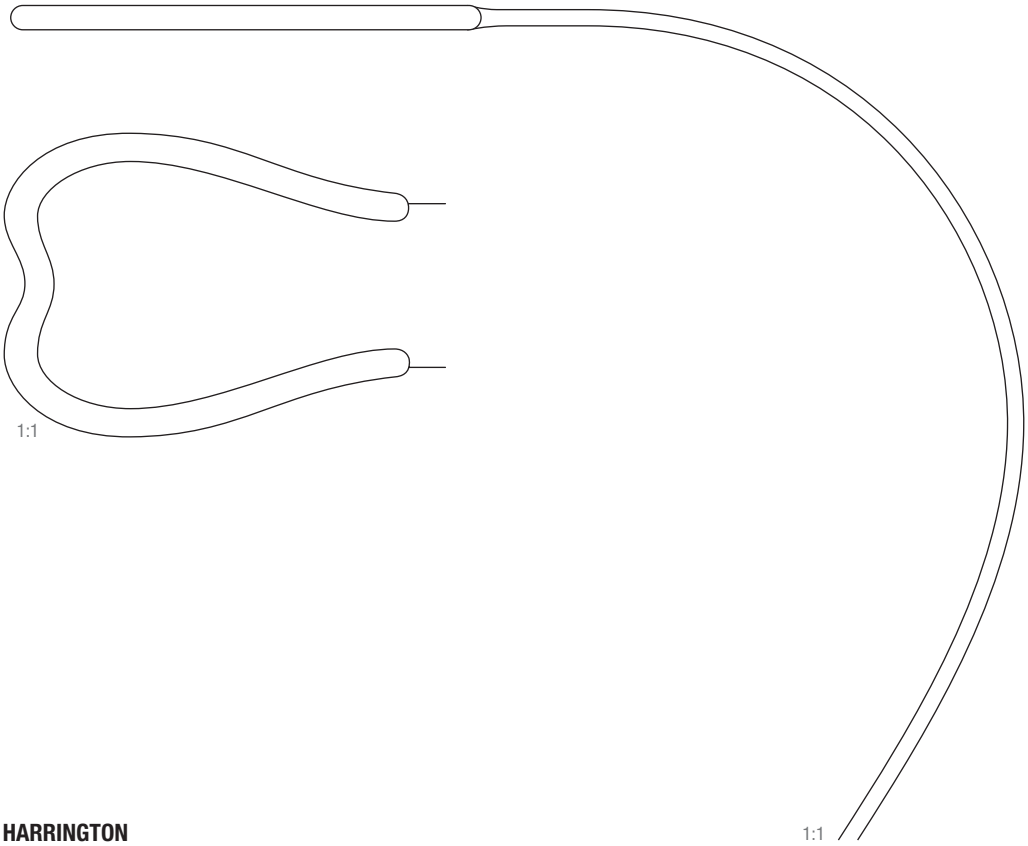

1:3


1:1

SIMON

	115 mm x 22 mm	115 mm x 27 mm
280 cm – 11 "	08-187-220	08-187-270


1:3


1:1

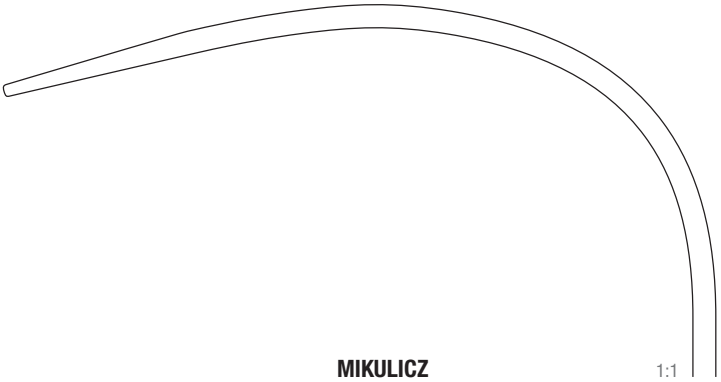
HARRINGTON

	127 mm x 40 mm	127 mm x 62 mm
320 mm – 12 ½ "	08-188-001	08-188-002

Wundhaken
Retractors

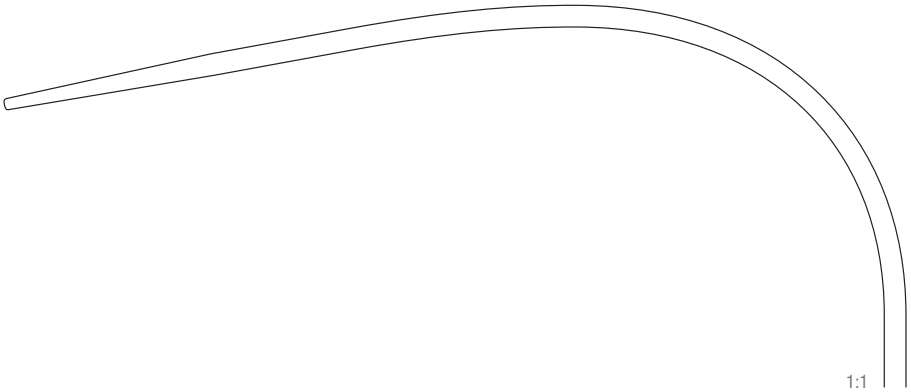
Ecarteurs
Separadores
Divaricatori


1:2

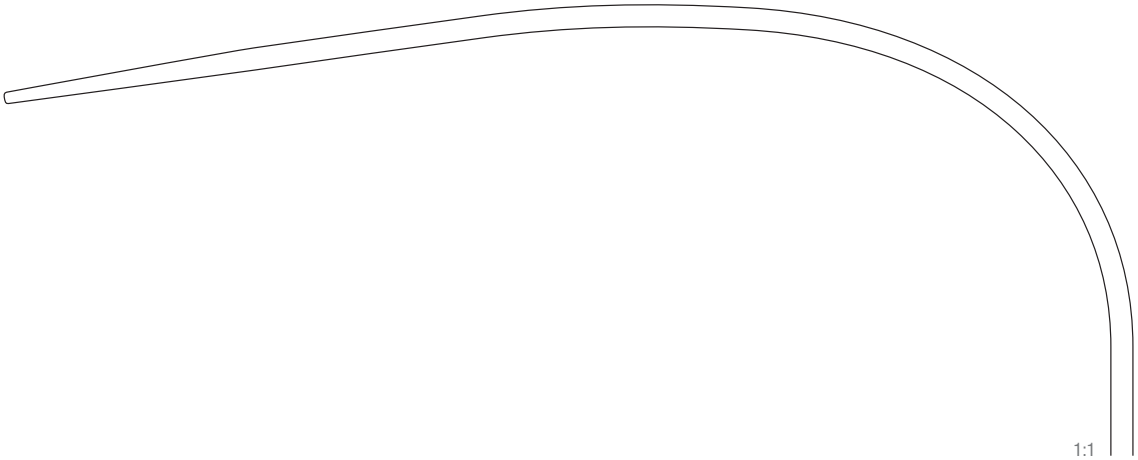


MIKULICZ 1:1

	95 mm x 35 mm
260 mm – 10 ¼ "	08-189-095


1:1

120 mm x 50 mm
08-189-120


1:1

150 mm x 50 mm	180 mm x 50 mm
08-189-150	08-189-180

Wundhaken
Retractors

Ecarteurs
Separadores
Divaricatori



1:2

MIKULICZ

260 mm – 10 ¼ "	90 mm x 50 mm	08-190-090



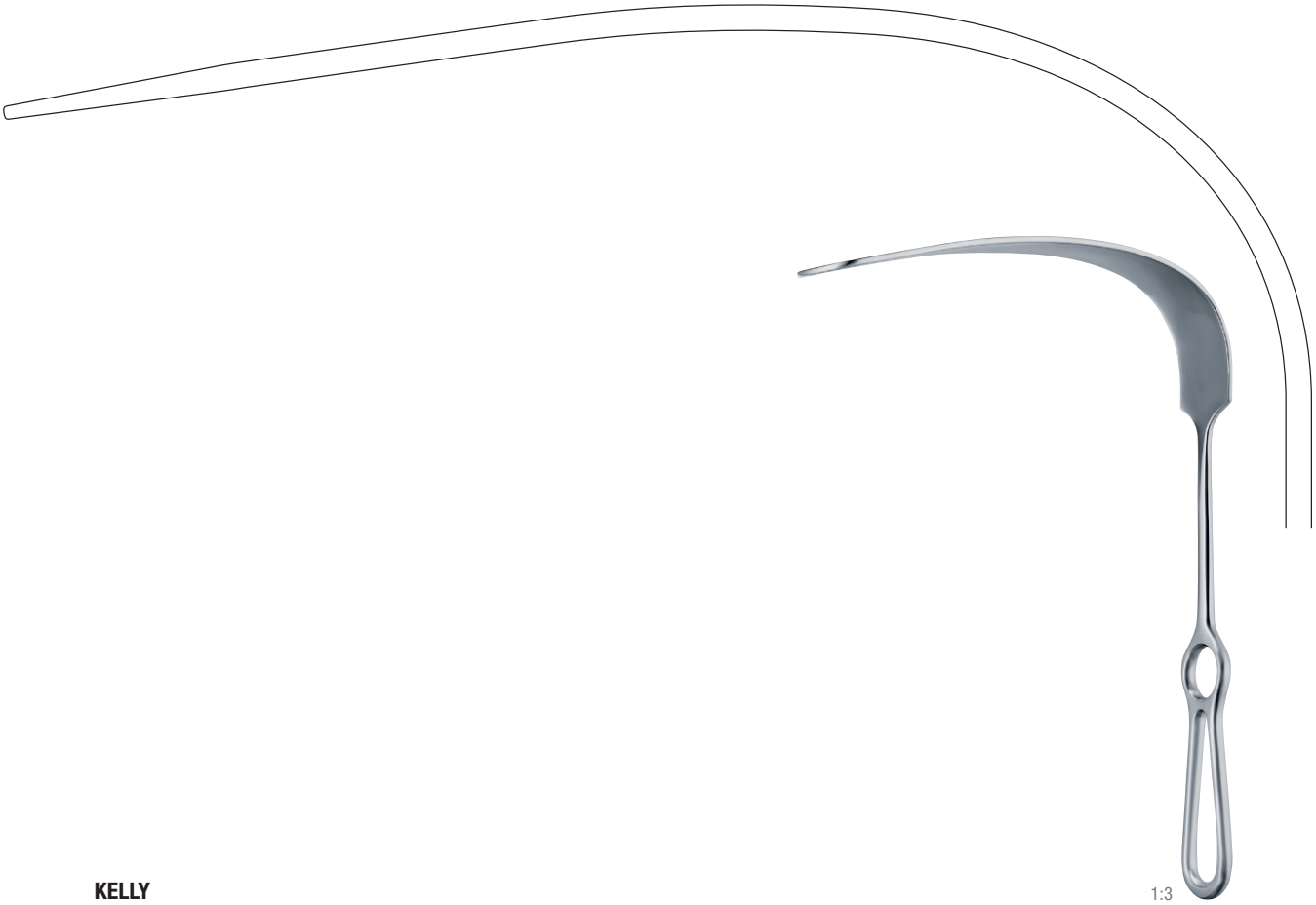
1:2

DAVIDSON

	a = 75 mm – b = 50 mm	a = 75 mm – b = 90 mm
160 mm – 6 ¼ "	08-191-500	08-191-900

Wundhaken
Retractors

Ecarteurs
Separadores
Divaricatori



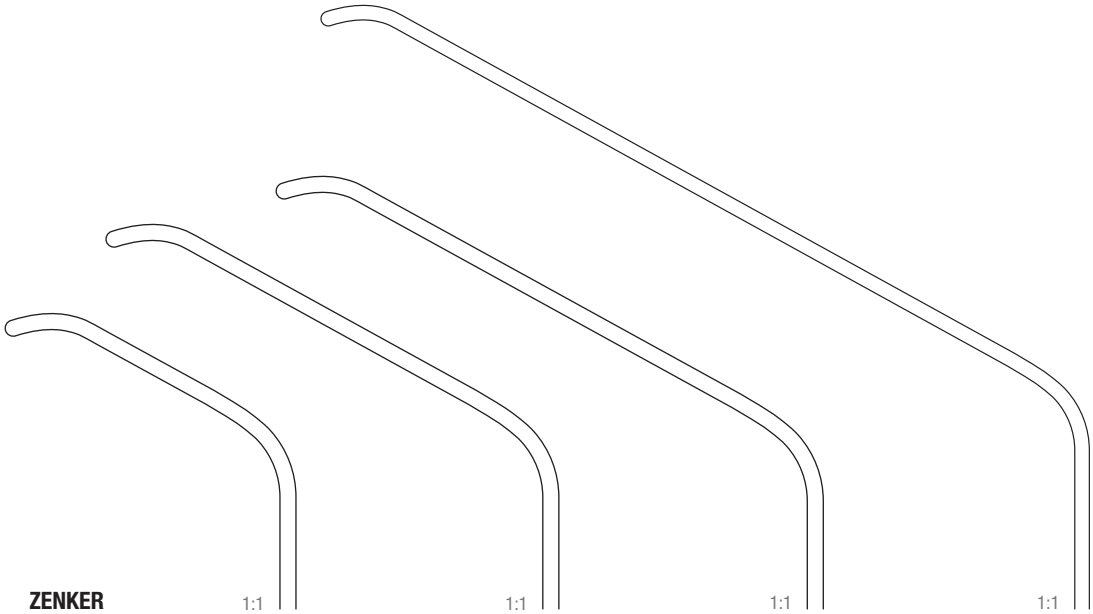
KELLY

	160 mm x 38 mm	190 mm x 38 mm	160 mm x 57 mm	190 mm x 57 mm
270 mm – 10 ¾ "	08-192-380	08-192-381	08-192-570	08-192-571

Wundhaken
Retractors

Ecarteurs
Separadores
Divaricatori


1:2


1:1 1:1 1:1 1:1

ZENKER

250 mm – 9 ¾ "	260 mm – 10 ¼ "	275 mm – 10 ¾ "	290 mm – 11 ½ "
35 mm x 8 mm	60 mm x 12 mm	75 mm x 12 mm	120 mm x 12 mm
08-193-350	08-193-600	08-193-750	08-193-100

Wundhaken
Retractors

Ecarteurs
Separadores
Divaricatori





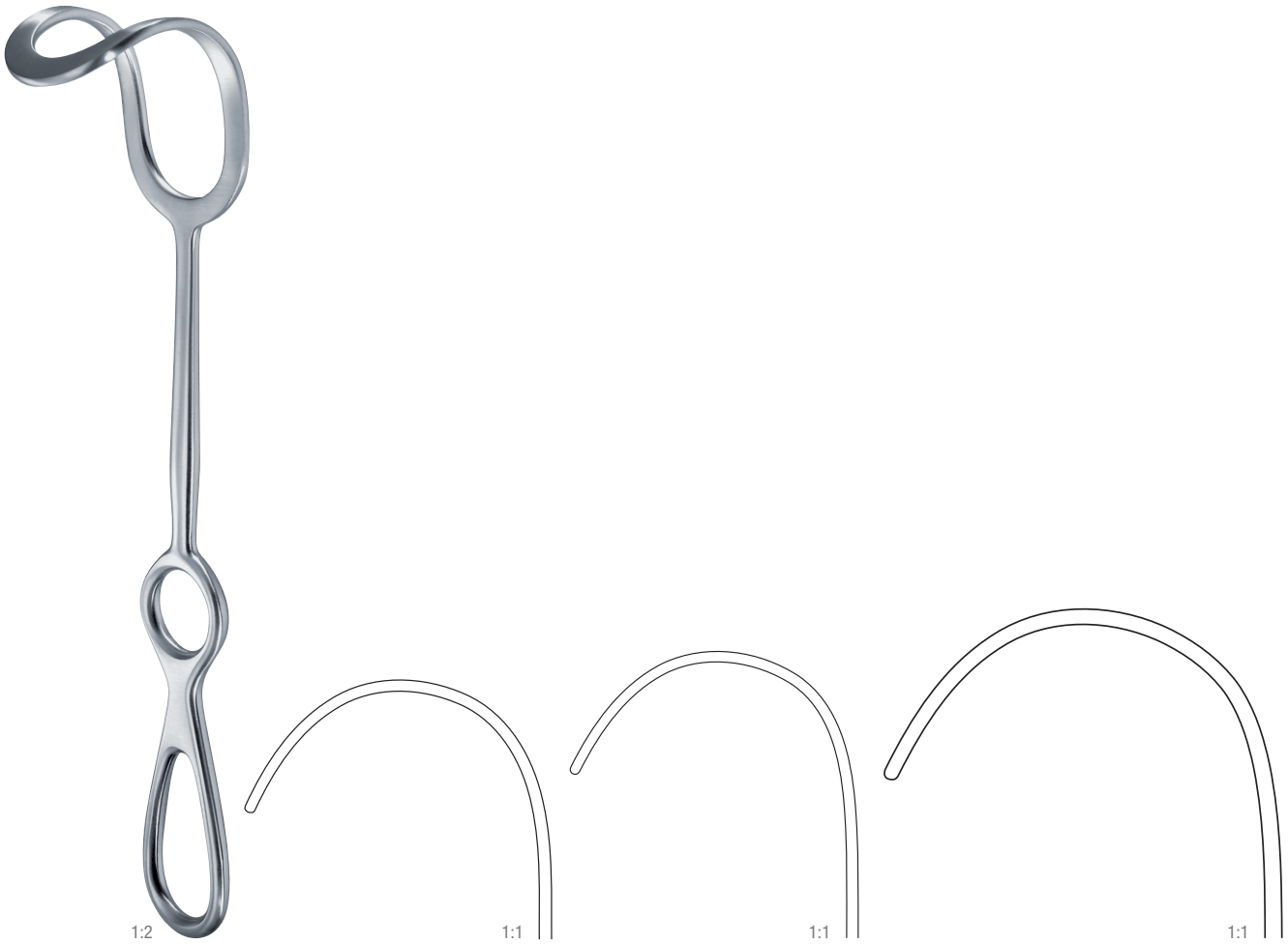


COOLEY 1:2 1:2 1:2

250 mm – 9 ¾ "	250 mm – 9 ¾ "	270 mm – 10 ½ "
08-194-010	08-194-020	08-194-030
rechts right droite derecha destra	rechts, gerieft right, serrated droite, strié derecha, estriada destra, zigrinato	links left gauche izquierda sinistra

Wundhaken
Retractors

Ecarteurs
Separadores
Divaricatori

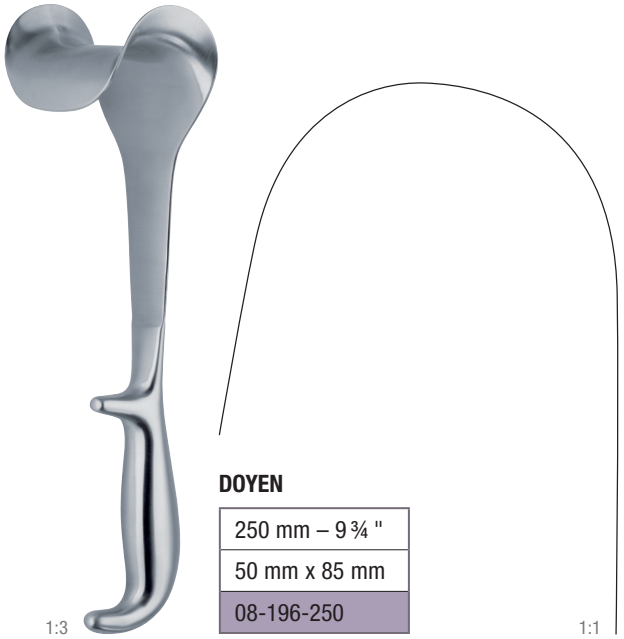


MIDDELDORPF

	45 mm x 45 mm	45 mm x 50 mm	55 mm x 70 mm
255 mm – 10 "	08-195-010	08-195-020	08-195-030

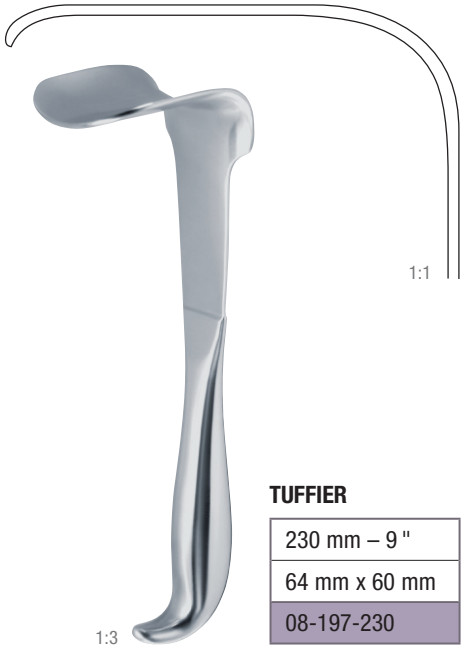
Wundhaken
Retractors

Ecarteurs
Separadores
Divaricatori



DOYEN

250 mm – 9 ¾ "
50 mm x 85 mm
08-196-250



TUFFIER

230 mm – 9 "
64 mm x 60 mm
08-197-230



KOCHER

225 mm – 8 ¾ "
70 mm x 25 mm
08-198-220



KOCHER

	250 mm – 9 ¾ "
80 mm x 45 mm	08-199-042
80 mm x 55 mm	08-199-050
80 mm x 65 mm	08-199-060

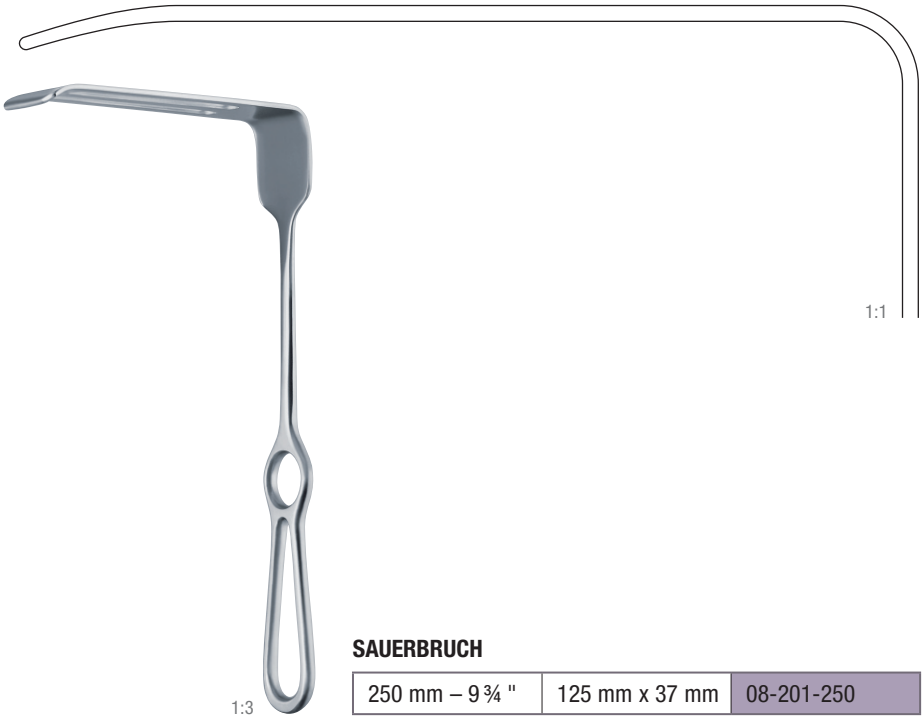
Wundhaken
Retractors

Ecarteurs
Separadores
Divaricatori



MARTIN

250 mm – 9 ¾ "	105 mm x 27 mm	08-200-250



SAUERBRUCH

250 mm – 9 ¾ "	125 mm x 37 mm	08-201-250

Wundhaken
Retractors

Ecarteurs
Separadores
Divaricatori


1:2

HEANEY

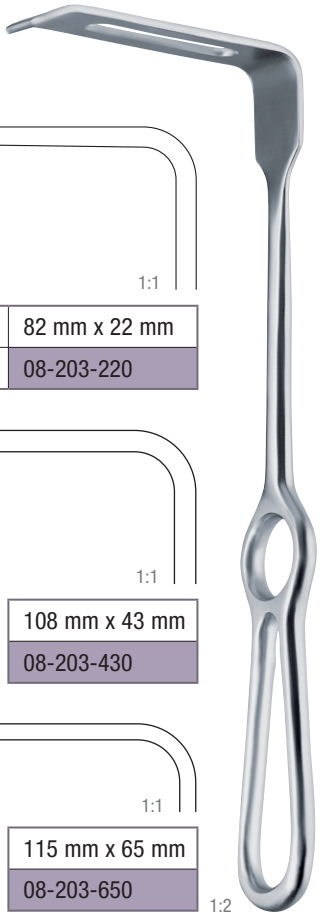

1:1

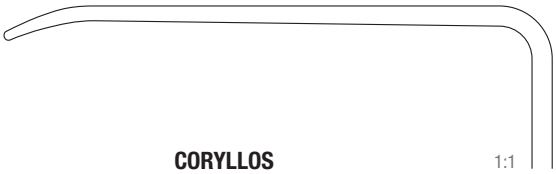

1:1

	45 mm x 25 mm	73 mm x 28 mm
270 mm – 10 ¾ "	08-202-450	08-202-730


1:1

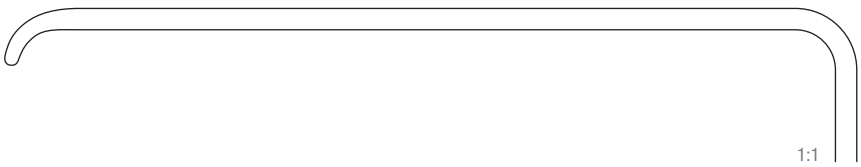
82 mm x 28 mm
08-202-820


1:2

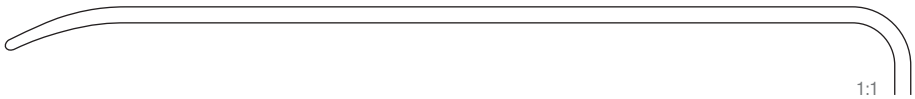

1:1

CORYLLOS

	82 mm x 22 mm
240 mm – 9 ½ "	08-203-220


1:1

108 mm x 43 mm
08-203-430


1:1

115 mm x 65 mm
08-203-650

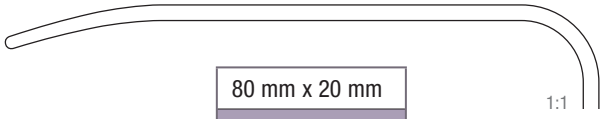
Wundhaken
Retractors

Ecarteurs
Separadores
Divaricatori

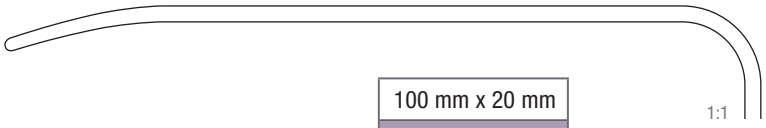

1:2

BRUNNER

250 mm – 9¾ "


1:1

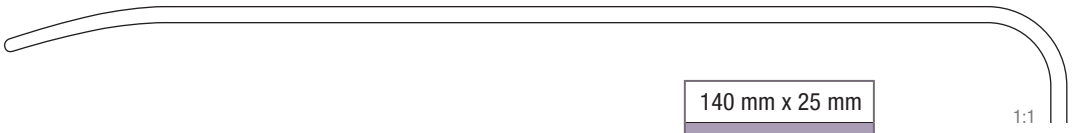
80 mm x 20 mm
08-204-080


1:1

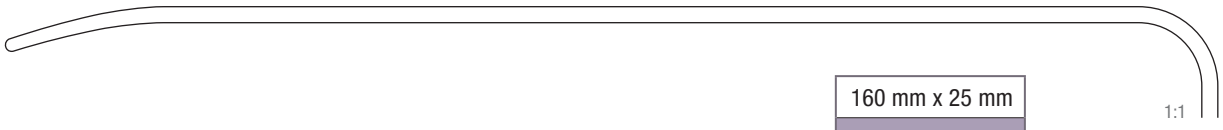
100 mm x 20 mm
08-204-100


1:1

120 mm x 25 mm
08-204-120


1:1

140 mm x 25 mm
08-204-140


1:1

160 mm x 25 mm
08-204-160


1:1

180 mm x 30mm
08-204-180

Wundhaken
Retractors

Ecarteurs
Separadores
Divaricatori



1:1

1:2

BRUNNER

240 mm – 9 ½ "	142 mm x 25 mm	08-205-240

Wundhaken
Retractors

Ecarteurs
Separadores
Divaricatori

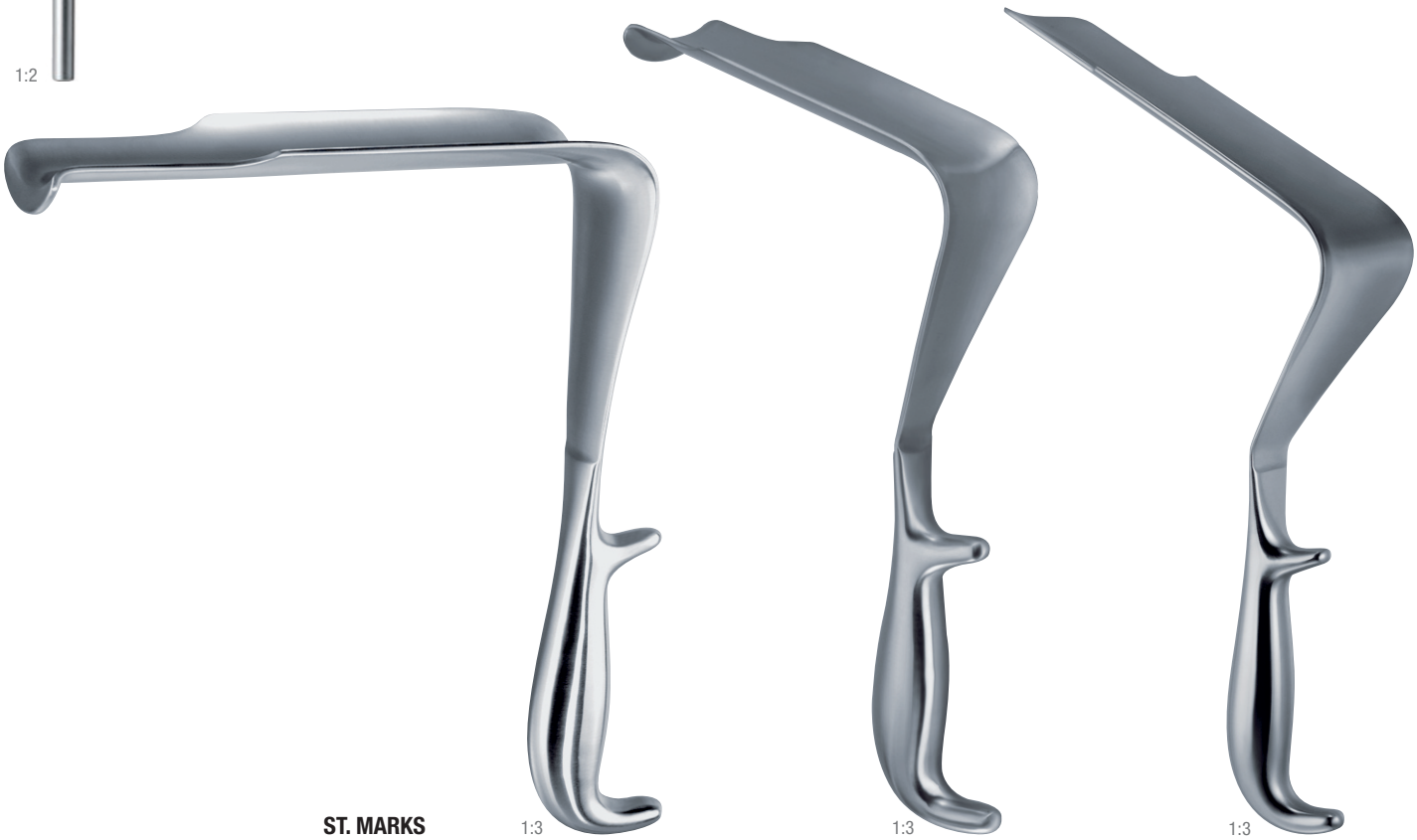


GIL-VERNET



	x = 8 mm	x = 11 mm	x = 15 mm	x = 17 mm	x = 20 mm	x = 23 mm
240 mm – 9 ½ "	08-206-080	08-206-110	08-206-150	08-206-170	08-206-200	08-206-230

biegsam
malleable
malléable
maleable
malleabile

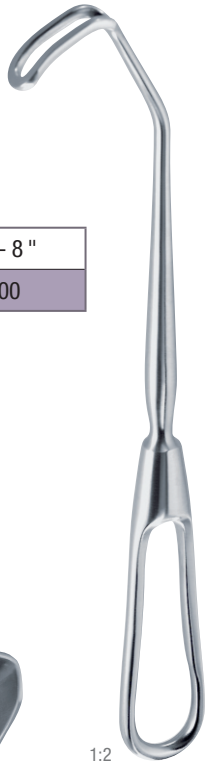


ST. MARKS

290 mm – 11 ½ "	325 mm – 12 ¾ "	330 mm – 13 "
130 mm x 60 mm	180 mm x 60 mm	180 mm x 60 mm
08-207-020	08-207-010	08-207-030

Wundhaken
Retractors

Ecarteurs
Separadores
Divaricatori



1:2

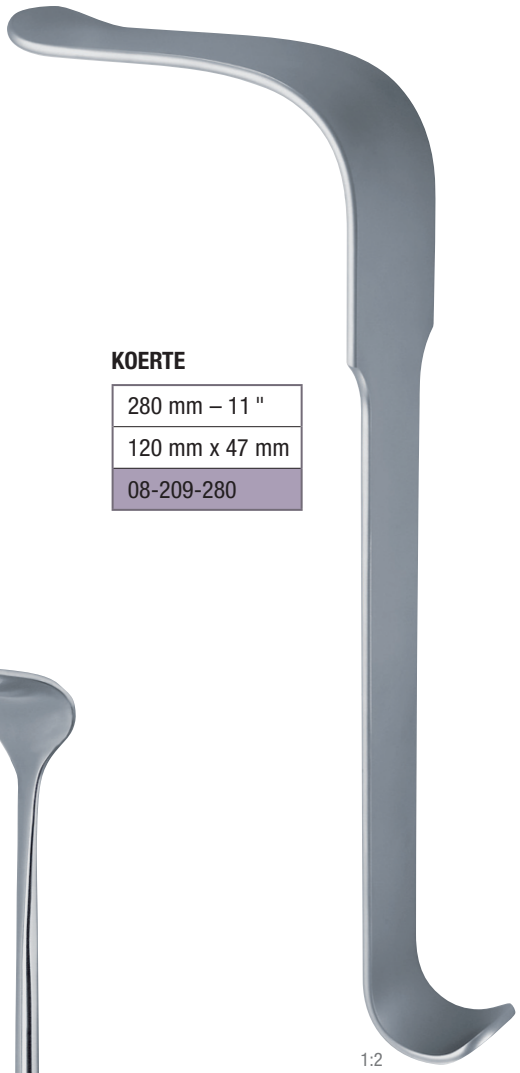
CUSHING

200 mm – 8 "
08-208-200



MORRIS 1:2

210 mm – 8 ¼ "
50 mm x 55 mm
08-210-500



1:2

KOERTE

280 mm – 11 "
120 mm x 47 mm
08-209-280



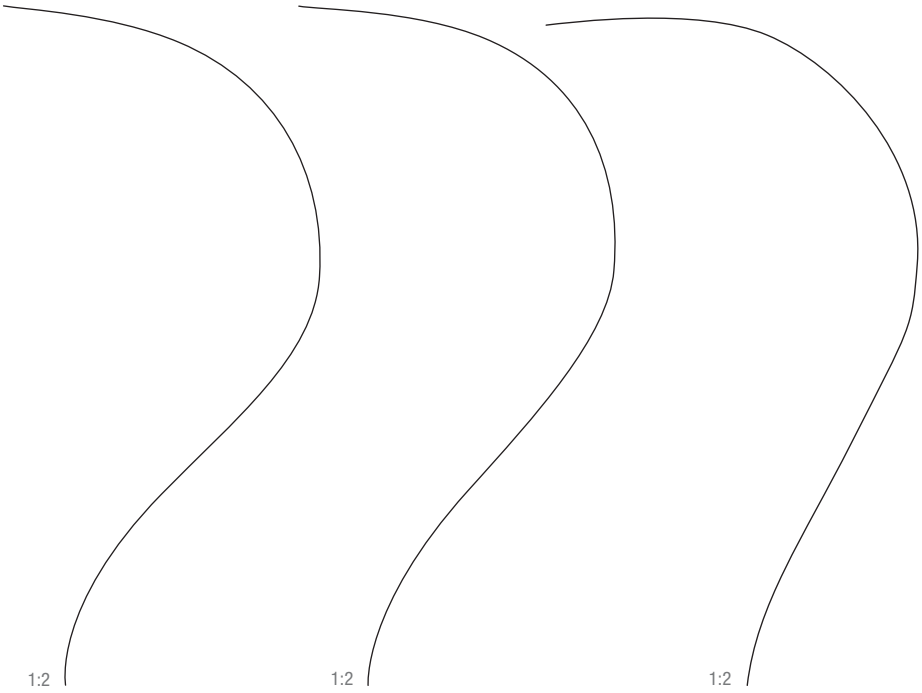
MORRIS 1:2

	38 mm x 51 mm	50 mm x 55 mm	64 mm x 51 mm
245 mm – 9 ¾ "	08-211-380	08-211-510	08-211-640

Wundhaken
Retractors

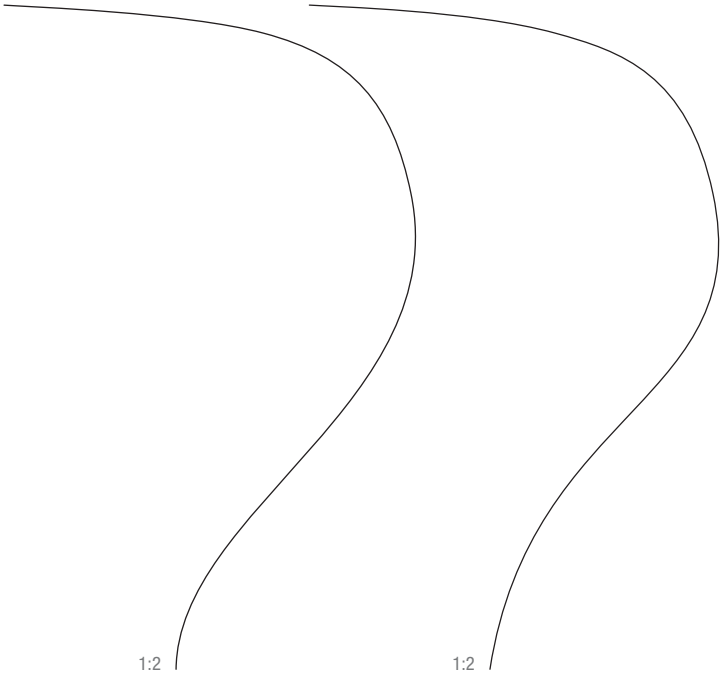
Ecarteurs
Separadores
Divaricatori





DEAVER

	x = 25 mm	x = 38 mm	x = 50 mm
315 mm – 12 ½ "	08-212-250	08-212-380	08-212-500



x = 75 mm	x = 100 mm
08-212-750	08-213-100

Wundhaken
Retractors

Ecarteurs
Separadores
Divaricatori



DEAVER 1:2 1:2 1:2

180 mm – 7 "	215 mm – 8 ½ "	230 mm – 9 "
x = 19 mm	x = 22 mm	x = 25 mm
08-215-001	08-215-002	08-215-003

Wundhaken
Retractors

Ecarteurs
Separadores
Divaricatori



DEAVER 1:2 1:2 1:2

300 mm – 12 "	330 mm – 13 "	360 mm – 14 ¼ "
x = 25 mm	x = 25 mm	x = 25 mm
08-215-004	08-215-005	08-215-006

Wundhaken
Retractors

Ecarteurs
Separadores
Divaricatori



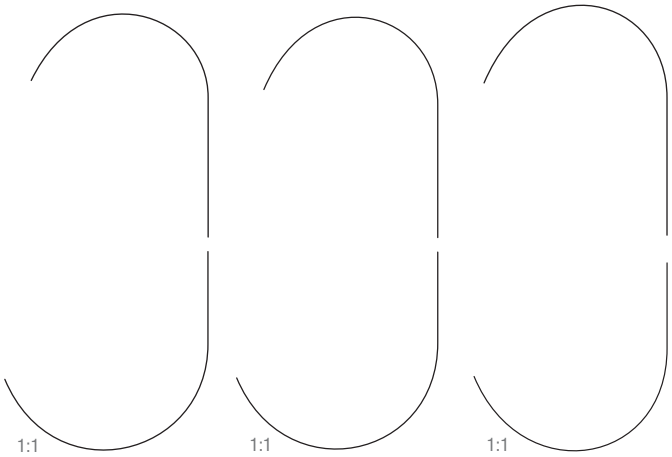
DEAVER 1:2 1:2 1:2

300 mm – 12 "	300 mm – 12 "	300 mm – 12 "
x = 38 mm	x = 50 mm	x = 75 mm
08-215-007	08-215-008	08-215-009

Wundhaken
Retractors

Ecarteurs
Separadores
Divaricatori


1:2

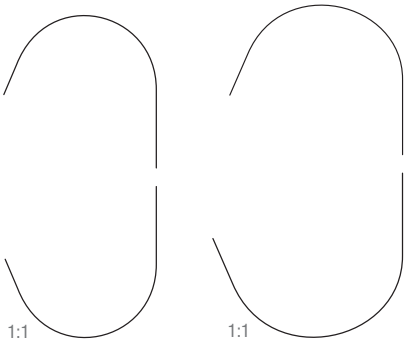

1:1 1:1 1:1

ROUX

	Fig. 1	Fig. 2	Fig. 3
	140 mm – 5 ½ "	150 mm – 6 "	170 mm – 6 ¾ "
	24 mm x 20 mm	29 mm x 26 mm	33 mm x 29 mm
	30 mm x 28 mm	36 mm x 36 mm	38 mm x 43 mm
	08-216-001	08-216-002	08-216-003
08-216-000	x	x	x

Satz
Set
Jeu
Juego
Serie


1:2


1:1 1:1

PARKER

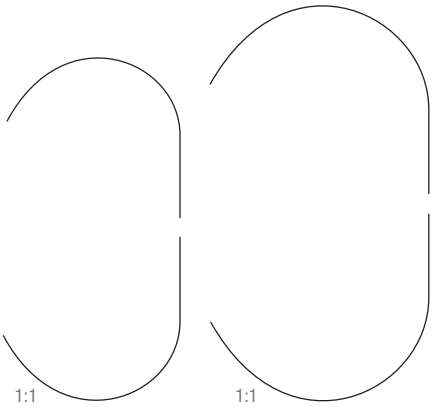
	Fig. 1	Fig. 2
	135 mm – 5 ¼ "	135 mm – 5 ¼ "
	18 mm x 15 mm	22 mm x 15 mm
08-217-130	x	x

Satz
Set
Jeu
Juego
Serie

Wundhaken
Retractors

Ecarteurs
Separadores
Divaricatori

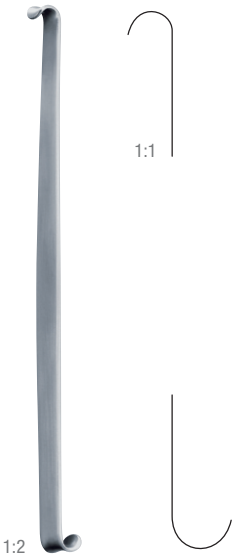

1:2


1:1 1:1

PARKER

180 mm – 7 "	Fig. 1	Fig. 2
	26 mm x 25 mm	29 mm x 25 mm
	27 mm x 25 mm	27 mm x 25 mm
08-217-180	x	x

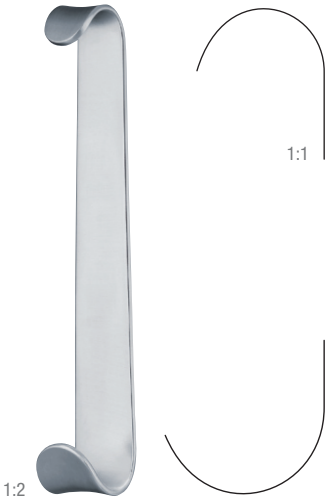
Satz
Set
Jeu
Juego
Serie


1:2

1:1

MINI-ROUX

145 mm – 5 ¾ "
8 mm x 6 mm
08-218-150


1:2

1:1

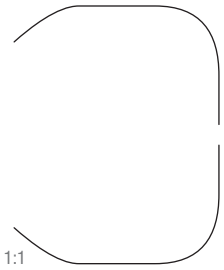
BABY-ROUX

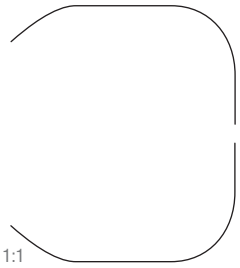
130 mm – 5 "
17 mm x 16 mm
18 mm x 22 mm
08-219-130

Wundhaken
Retractors

Ecarteurs
Separadores
Divaricatori


1:2


1:1


1:1

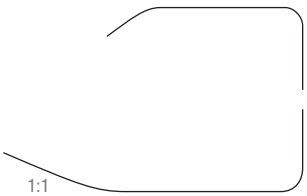
MAYO-COLLIN

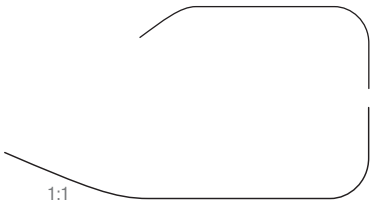
150 mm – 6 "	Fig. 1	Fig. 2
	25 mm x 18 mm	28 mm x 19 mm
	28 mm x 18 mm	32 mm x 19 mm

08-220-150	x	x

Satz
Set
Jeu
Juego
Serie


1:2


1:1


1:1

PARKER-LANGENBECK
(US ARMY)

210 mm – 8 ¼ "	Fig. 1	Fig. 2
	21 mm x 24 mm	25 mm x 24 mm
	40 mm x 15 mm	45 mm x 15 mm

08-221-000	x	x

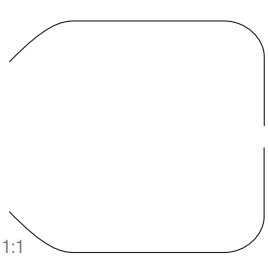
Satz
Set
Jeu
Juego
Serie

Wundhaken
Retractors

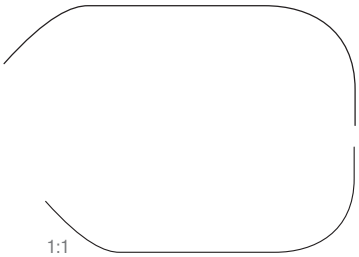
Ecarteurs
Separadores
Divaricatori



1:2



1:1



1:1

MATHIEU

200 mm – 8 "	Fig. 1	Fig. 2
	42 mm x 13 mm	47 mm x 13 mm
	42 mm x 26 mm	46 mm x 26 mm
	08-222-010	08-222-020

08-222-200	x	x

Satz
Set
Jeu
Juego
Serie

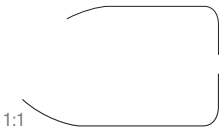
Wundhaken
Retractors

Ecarteurs
Separadores
Divaricatori

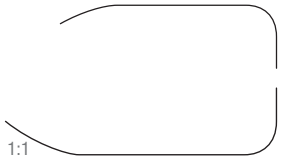


1:2

FARABEUF



1:1



1:1

120 mm – 4 ¾ "	Fig. 1	Fig. 2
	26 mm x 10 mm	30 mm x 10 mm
	30 mm x 12 mm	34 mm x 12 mm

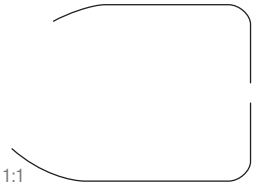
08-223-000	x	x

Satz
Set
Jeu
Juego
Serie

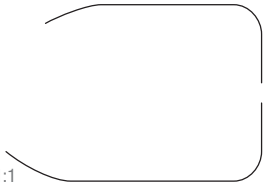


1:2

FARABEUF



1:1



1:1

150 mm – 6 "	Fig. 1	Fig. 2
	23 mm x 16 mm	27 mm x 16 mm
	26 mm x 16 mm	30 mm x 16 mm

08-224-000	x	x

Satz
Set
Jeu
Juego
Serie

Wundhaken
Retractors

Ecarteurs
Separadores
Divaricatori



ALM

70 mm – 2 ¾ "	08-225-070	08-226-070	08-227-070
100 mm – 4 "	08-225-100	08-226-100	08-227-100
	scharf sharp pointu agudo acuto	halbscharf semi sharp semi pointu semi agudo semi acuto	stumpf blunt mousse romo smusso



BOSE 1:2

70 mm – 2 ¾ "	08-232-070



HOLTZHEIMER 1:2

100 mm – 4 "	08-228-100	08-229-100
	scharf sharp pointu agudo acuto	stumpf blunt mousse romo smusso



JANSEN 1:2

100 mm – 4 "	08-230-100	08-231-100
	scharf sharp pointu agudo acuto	stumpf blunt mousse romo smusso

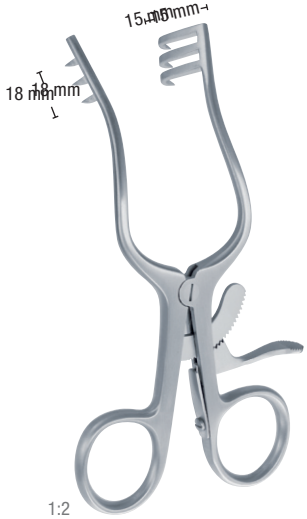
Wundsperrer
Self-retaining retractors

Ecarteurs autostatiques
Separadores autoestáticos
Divaricatori autostatici



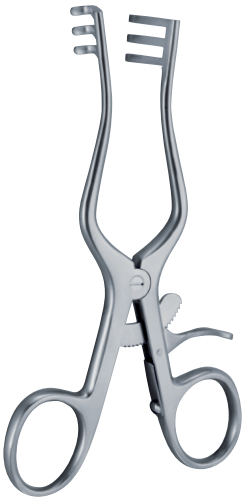
CLOWARD-CONTOUR 1:2

140 mm – 5 ½ "	08-233-140	08-234-140
	3 x 4 scharf sharp pointu agudo acuto	3 x 4 stumpf blunt mousse romo smusso



WEITLANER-WULLSTEIN 1:2

130 m – 5 "	08-235-130	08-236-130
	3 x 3 scharf sharp pointu agudo acuto	3 x 3 stumpf blunt mousse romo smusso



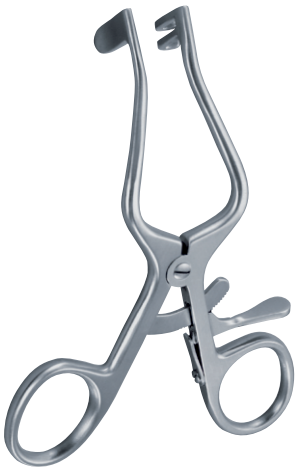
MILLIGAN 1:2

130 mm – 5 "	08-237-130
	3 x 3 stumpf blunt mousse romo smusso

Wundsperrer
Self-retaining retractors

Ecarteurs autostatiques
Separadores autoestáticos
Divaricatori autostatici


1:2


1:2

BELLUCCI

110 mm – 4 ¼ "	08-238-110	08-239-110
	1 x 2 links, stumpf left, blunt gauche, mousse izquierda, romo sinistra, smusso	1 x 2 rechts, stumpf right, blunt droit, mousse derecha, romo destra, smusso

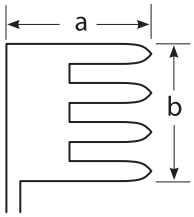

1:2

MOLLISON

150 mm – 6 "	08-240-150
	4 x 4 scharf sharp pointu agudo acuto

Wundsperrer
Self-retaining retractors

Ecarteurs autostatiques
Separadores autoestáticos
Divaricatori autostatici







WEITLANER-LOKTITE

105 mm – 4 ¼ "	a = 17 mm – b = 13 mm	08-250-105	08-251-105	08-252-105			
130 mm – 5 "	a = 17 mm – b = 17 mm				08-241-130	08-242-130	08-243-130
165 mm – 6 ½ "	a = 17 mm – b = 17 mm				08-244-165	08-245-165	08-246-165
200 mm – 8 "	a = 20 mm – b = 19 mm				08-247-200	08-248-200	08-249-200
260 mm – 10 ¼ "	a = 26 mm – b = 21 mm				08-253-260	08-254-260	08-255-260
		2 x 3 scharf sharp pointu agudo acuto	2 x 3 halbscharf semi sharp semi pointu semi agudo semi acuto	2 x 3 stumpf blunt mousse romo smusso	3 x 4 scharf sharp pointu agudo acuto	3 x 4 halbscharf semi sharp semi pointu semi agudo semi acuto	3 x 4 stumpf blunt mousse romo smusso

Wundsperrer
Self-retaining retractors

Ecarteurs autostatiques
Separadores autoestáticos
Divaricatori autostatici



1:2

PLESTER

130 mm – 5 "	08-256-130	08-257-130
	2 x 2 stumpf blunt mousse romo smusso	2 x 2 scharf sharp pointu agudo acuto



1:2



1:2

PLESTER

110 mm – 4 ¼ "	08-258-110	08-259-110
	2 x 1 links, stumpf left, blunt gauche, mousse izquierda, romo sinistra, smusso	2 x 1 rechts, stumpf right, blunt droit, mousse derecha, romo destra, smusso

Wundsperrer
Self-retaining retractors

Ecarteurs autostatiques
Separadores autoestáticos
Divaricatori autostatici



1:2

NORFOLK AND NORWICH

220 mm – 8 ¾ "	08-260-220
	4 x 5 stumpf blunt mousse romo smusso



1:2



1:2

TRAVERS

215 mm – 8 ½ "	08-261-210
	4 x 5 stumpf blunt mousse romo smusso

ANDERSON-ADSON

195 mm – 7 ¾ "	08-262-190	08-263-200
	4 x 4 scharf sharp pointu agudo acuto	4 x 4 stumpf blunt mousse romo smusso

Wundsperrer
Self-retaining retractors

Ecarteurs autostatiques
Separadores autoestáticos
Divaricatori autostatici



ADSON (CONE)

130 mm – 5 "	a = 17 mm – b = 19 mm	08-264-130	08-265-130
160 mm – 6 ¼ "	a = 17 mm – b = 19 mm	08-264-160	08-265-160
200 mm – 8 "	a = 20 mm – b = 20 mm	08-264-200	08-265-200
260 mm – 10 ¼ "	a = 26 mm – b = 21 mm	08-264-260	08-265-260
		3 x 4 scharf sharp pointu agudo acuto	3 x 4 stumpf blunt mousse romo smusso

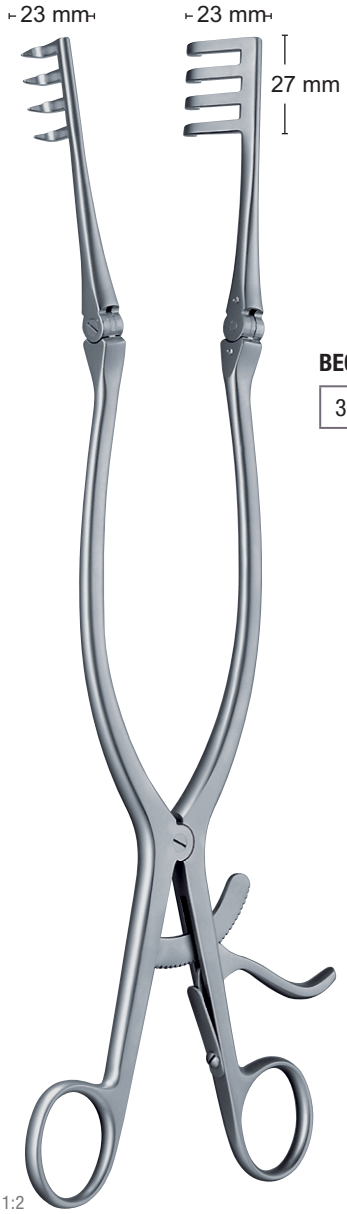


BECKMANN-EATON

320 mm – 12 ½ "
08-266-320
7 x 7 scharf sharp pointu agudo acuto

Wundsperrer
Self-retaining retractors

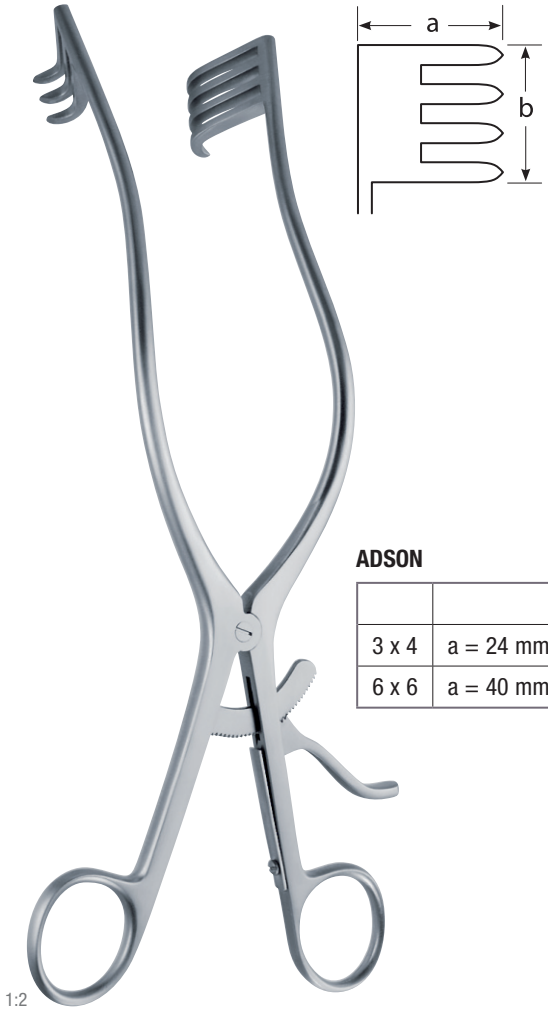
Ecarteurs autostatiques
Separadores autoestáticos
Divaricatori autostatici



1:2

BECKMANN

310 mm – 12 ¼ "	08-267-310	08-268-310	08-269-310
	4 x 4 scharf sharp pointu agudo acuto	4 x 4 halbscharf semi sharp semi pointu semi agudo semi acuto	4 x 4 stumpf blunt mousse romo smusso



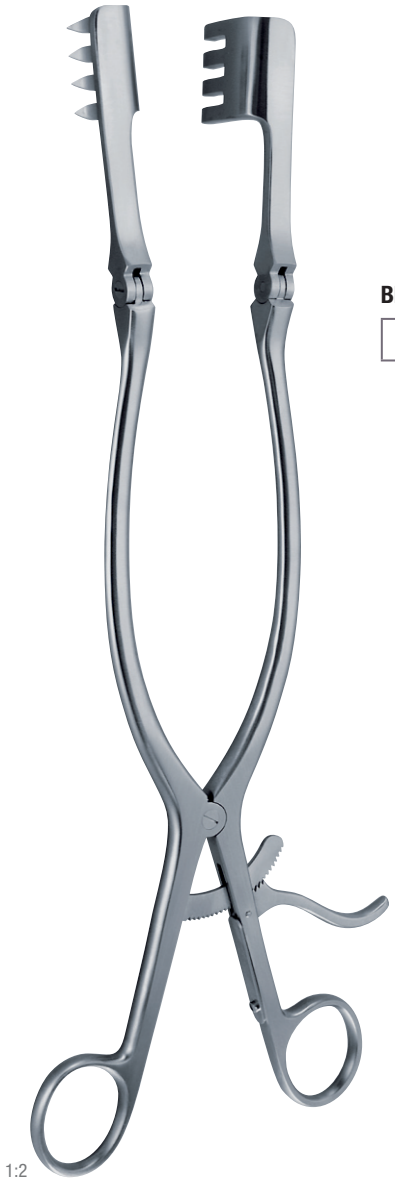
1:2

ADSON

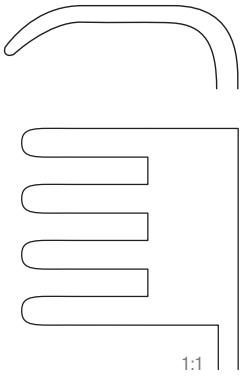
		265 mm – 10 ½ "	265 mm – 10 ½ "
3 x 4	a = 24 mm – b = 24 mm	08-270-260	08-271-260
6 x 6	a = 40 mm – b = 40 mm	08-270-270	08-271-270
		scharf sharp pointu agudo acuto	stumpf blunt mousse romo smusso

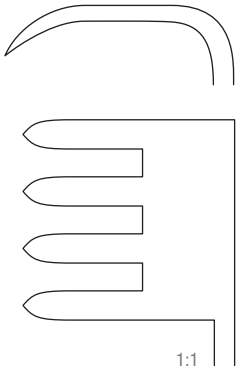
Wundsperrer
Self-retaining retractors

Ecarteurs autostatiques
Separadores autoestáticos
Divaricatori autostatici

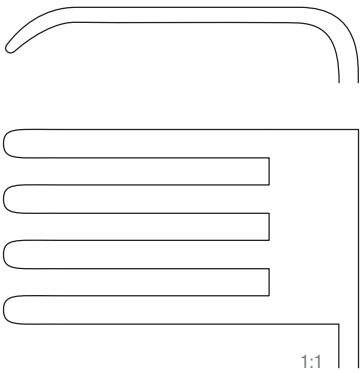

1:2

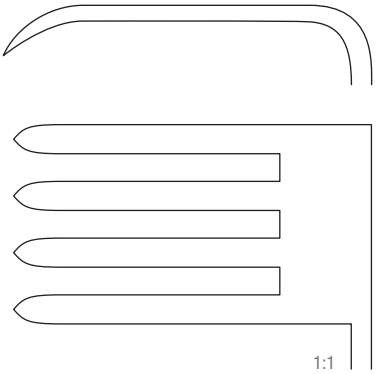
BECKMANN-ADSON


1:1


1:1

310 mm – 12 ¼ "	08-272-000	08-272-010
	stumpf blunt mousse romo smusso	scharf sharp pointu agudo acuto


1:1


1:1

08-272-020	08-272-030
stumpf, mit tiefen Blättern blunt, with deep blades mousse, avec lames profondes romo, con palas profundas smusso, con valve profonde	scharf, mit tiefen Blättern sharp, with deep blades pointu, avec lames profondes agudo, con palas profundas acuto, con valve profonde

Wundsperrer
Self-retaining retractors

Ecarteurs autostatiques
Separadores autoestáticos
Divaricatori autostatici



RIGBY 1:2

180 mm – 7 "	08-273-180



GELPI-LOKTITE 1:2

90 mm – 3 ½ "	08-274-090	
110 mm – 4 ¼ "	08-274-110	
140 mm – 5½ "	08-275-140	
160 mm – 6⅓	08-275-160	
180 mm – 7 "	08-275-180	08-276-180



1:2

MARKHAM-MEYERDING

180 mm – 7 "	08-277-180	08-278-180
	rechts right droit derecha destra	links left gauche izquierda sinistra

Wundsperrer
Self-retaining retractors

Ecarteurs autostatiques
Separadores autoestáticos
Divaricatori autostatici



1:2

HENLEY

165 mm – 6 ½ "	08-279-000	08-280-000
	3 x 4 scharf sharp pointu agudo acuto	3 x 4 stumpf blunt mousse romo smusso

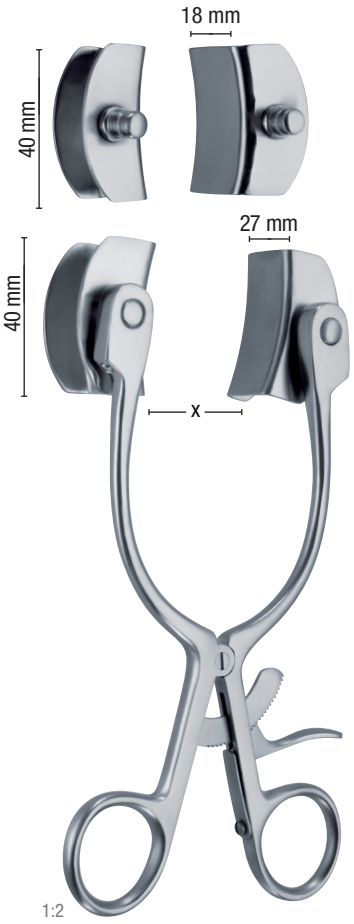
komplett mit 3 Mittelvalven
complete with 3 center blades
complet avec 3 valves centrales
completa con 3 valvas centrales
completo con 3 valve centrali



19 mm x 16 mm	25 mm x 16 mm	32 mm x 16 mm
08-280-190	08-280-250	08-280-320

Mittelvalven
Center blades
Valves centrales
Valvas centrales
Valve centrali

bauchdeckenhalter
Abdominal retractors
Ecarteurs abdominaux
Separadores abdominales
Divaricatori addominali

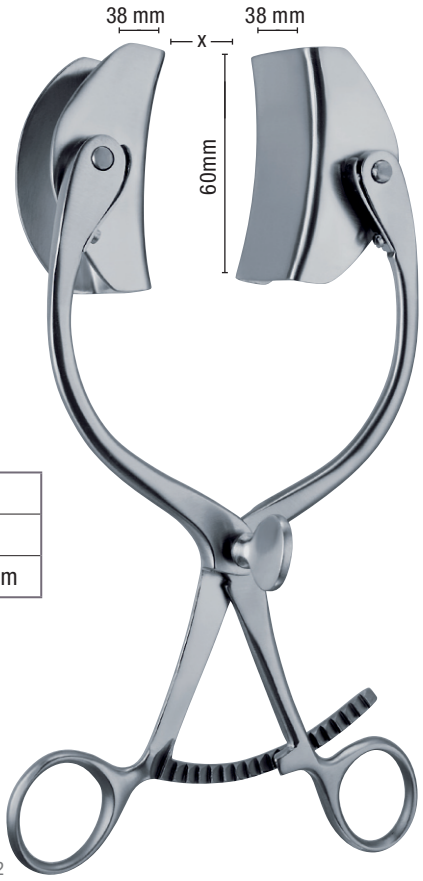


1:2

BABY-COLLIN

180 mm – 7 "		
x = 80 mm		
08-281-000	40 mm x 18 mm	40 mm x 27 mm

komplett mit 2 Paar Valven
complete with 2 pairs of blades
complet avec 2 paires de valves
completo con 2 pares de valvas
completo con 2 paia di valve



COLLIN 1:2

220 mm – 8 ¾ "	x = 100 mm	08-282-220



1:2

COLLIN

225 mm – 8 ¾ "		
x = 100 mm		
08-283-000	a = 38 mm – b = 55 mm	a = 38 mm – b = 55 mm
08-284-000	a = 38 mm – b = 80 mm	a = 50 mm – b = 75 mm

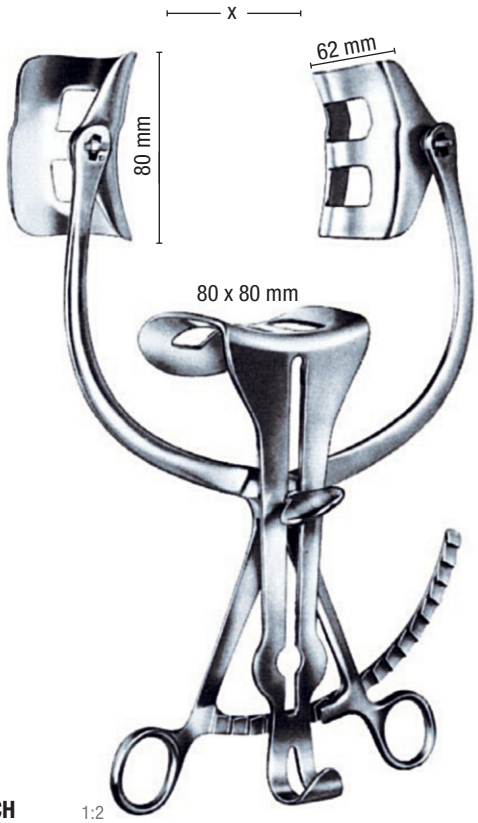
komplett mit	Seitenvalven	Mittelvalve
complete with	Lateral blades	Center blade
complet avec	Valves latérales	Valve centrale
completo con	Valvas laterales	Valva central
completo con	Valve laterali	Valva centrale

bauchdeckenhalter
Abdominal retractors
Ecarteurs abdominaux
Separadores abdominales
Divaricatori addominali



COLLIN 1:2

260 mm – 10 ½ "		
x = 160 mm		
08-285-000	60 mm x 80 mm	60 mm x 75 mm
komplett mit complete with complet avec completo con completo con	Seitenvalven Lateral blades Valves latérales Valvas laterales Valve laterali	Mittelvalve Center blade Valve centrale Valva central Valva centrale

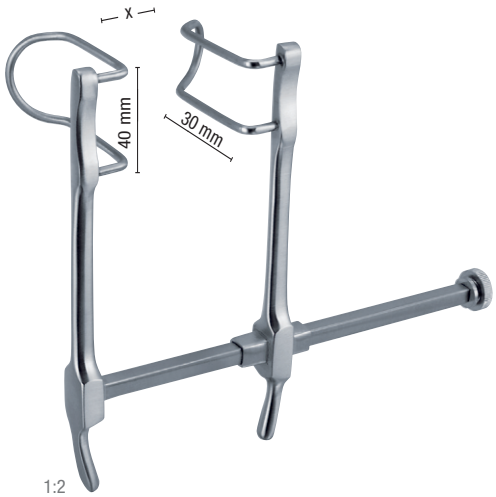


HOLZBACH 1:2

260 mm – 10 ¼ "		
x = 100 mm		
08-286-000	62 mm x 80 mm	80 mm x 80 mm
komplett mit complete with complet avec completo con completo con	Seitenvalven Lateral blades Valves latérales Valvas laterales Valve laterali	Mittelvalve Center blade Valve centrale Valva central Valva centrale

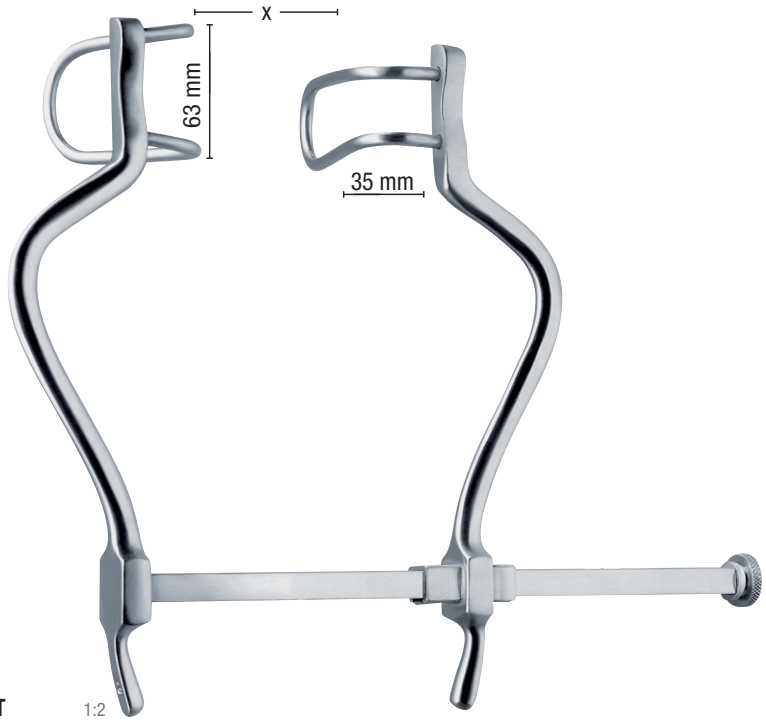
bauchdeckenhalter
Abdominal retractors

Ecarteurs abdominaux
Separadores abdominales
Divaricatori addominali



GOSSET 1:2

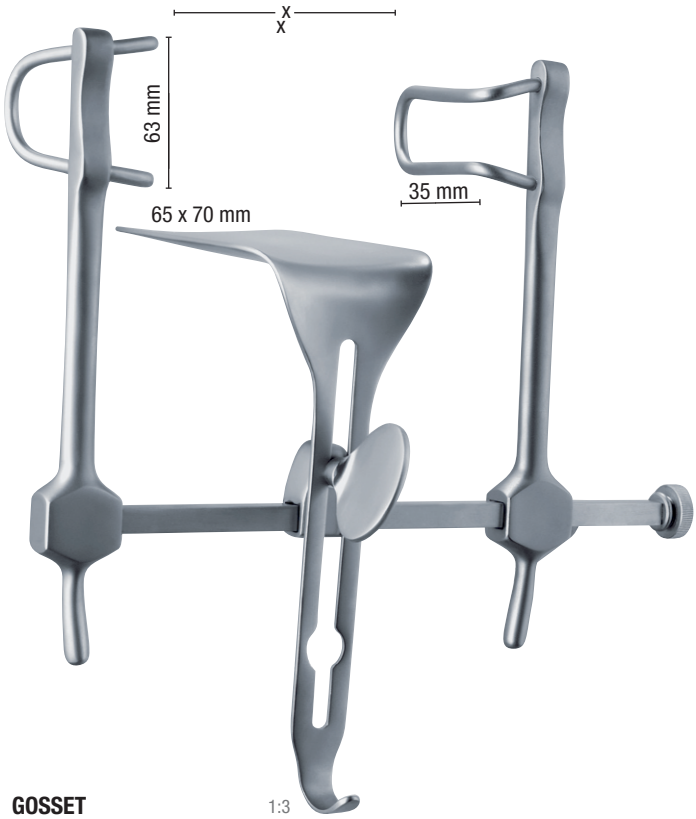
125 mm – 5 "	x = 100 mm	08-287-000



GOSSET 1:2

185 mm – 7 ¼ "	x = 140 mm	08-288-000

bauchdeckenhalter
Abdominal retractors
Ecarteurs abdominaux
Separadores abdominales
Divaricatori addominali



GOSSET 1:3

x = 160 mm		
08-289-160	35 mm x 63 mm	65 mm x 70 mm
komplett mit complete with complet avec completo con completo con	Seitenvalven Lateral blades Valves latérales Valvas laterales Valve laterali	Mittelvalve Center blade Valve centrale Valva central Valva centrale



BALFOUR 1:3

x = 200 mm		
08-290-000	35 mm x 100 mm	70 mm x 100 mm
komplett mit complete with complet avec completo con completo con	Seitenvalven Lateral blades Valves latérales Valvas laterales Valve laterali	Mittelvalve Center blade Valve centrale Valva central Valva centrale

bauchdeckenhalter
Abdominal retractors
Ecarteurs abdominaux
Separadores abdominales
Divaricatori addominali



BALFOUR

x = 180 mm		
08-291-000	35 mm x 70 mm	45 mm x 80 mm
komplett mit complete with complet avec completo con completo con	Seitenvalven Lateral blades Valves latérales Valvas laterales Valve laterali	Mittelvalve Center blade Valve centrale Valva central Valva centrale

x = 250 mm		
08-292-250	35 mm x 100 mm	70 mm x 85 mm
komplett mit complete with complet avec completo con completo con	Seitenvalven Lateral blades Valves latérales Valvas laterales Valve laterali	Mittelvalve Center blade Valve centrale Valva central Valva centrale

45 mm x 80 mm	08-293-450
70 mm x 85 mm	08-293-700
80 mm x 90 mm	08-293-800

Mittelvalven, allein
Center blades, only
Valves centrales, seul
Valvas centrales, sola
Valve centrali, solo



BALFOUR-BABY

x = 90 mm		
08-294-000	27 mm x 27 mm	20 mm x 24 mm
komplett mit complete with complet avec completo con completo con	Seitenvalven Lateral blades Valves latérales Valvas laterales Valve laterali	Mittelvalve Center blade Valve centrale Valva central Valva centrale

bauchdeckenhalter
Abdominal retractors
Ecarteurs abdominaux
Separadores abdominales
Divaricatori addominali



RICARD 1:3

08-295-280	60 mm x 80 mm	55 mm x 70 mm
komplett mit	Seitenvalven	Mittelvalve
complete with	Lateral blades	Center blade
complet avec	Valves latérales	Valve centrale
completo con	Valvas laterales	Valva central
completo con	Valve laterali	Valva centrale

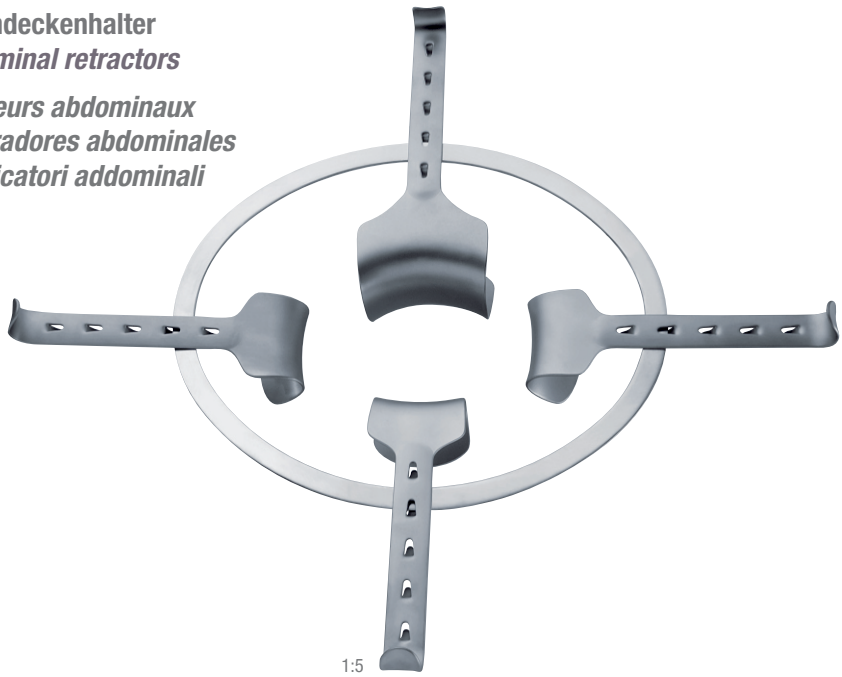
08-295-300	70 mm x 85 mm	80 mm x 90 mm
komplett mit	Seitenvalven	Mittelvalve
complete with	Lateral blades	Center blade
complet avec	Valves latérales	Valve centrale
completo con	Valvas laterales	Valva central
completo con	Valve laterali	Valva centrale



O'SULLIVAN-O'CONNOR 1:3

08-296-000	45 mm x 90 mm	70 mm x 100 mm
komplett mit	Seitenvalven	Mittelvalve
complete with	Lateral blades	Center blade
complet avec	Valves latérales	Valve centrale
completo con	Valvas laterales	Valva central
completo con	Valve laterali	Valva centrale

bauchdeckenhalter
Abdominal retractors
Ecarteurs abdominaux
Separadores abdominales
Divaricatori addominali



1:5

KIRSCHNER, OVAL

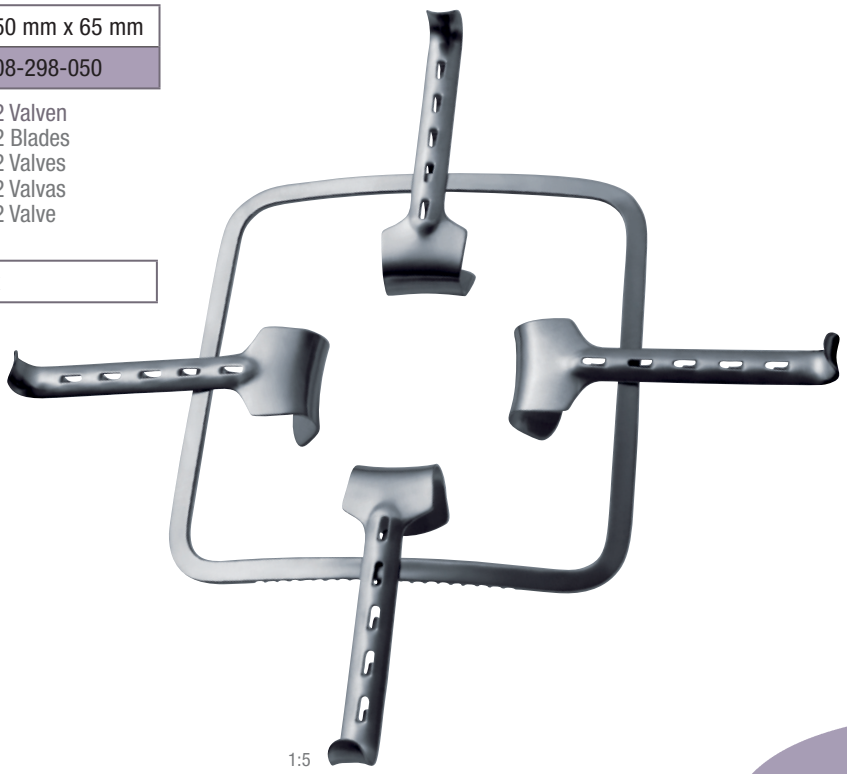
240 mm x 300 mm	50 mm x 65 mm	80 mm x 90 mm	50 mm x 98 mm	35 mm x 105 mm
08-297-300	08-298-050	08-299-080	08-299-098	08-299-105
1 Rahmen 1 Frame 1 Cadre 1 Cuadro 1 Quadro	3 Valven 3 Blades 3 Valves 3 Valvas 3 Valve	1 Valve 1 Blade 1 Valve 1 Valva 1 Valva	1 Valve 1 Blade 1 Valve 1 Valva 1 Valva	1 Valve 1 Blade 1 Valve 1 Valva 1 Valva
08-300-000	x	x	x	x	x

Satz
Set
Jeu
Juego
Serie

KIRSCHNER

240 mm x 240 mm	40 mm x 55 mm	50 mm x 65 mm
08-301-000	08-298-040	08-298-050
1 Rahmen, fest 1 Frame, rigid 1 Cadre, rigide 1 Cuadro, rígido 1 Quadro, rigido	2 Valven 2 Blades 2 Valves 2 Valvas 2 Valve	2 Valven 2 Blades 2 Valves 2 Valvas 2 Valve
08-302-000	x	x	x

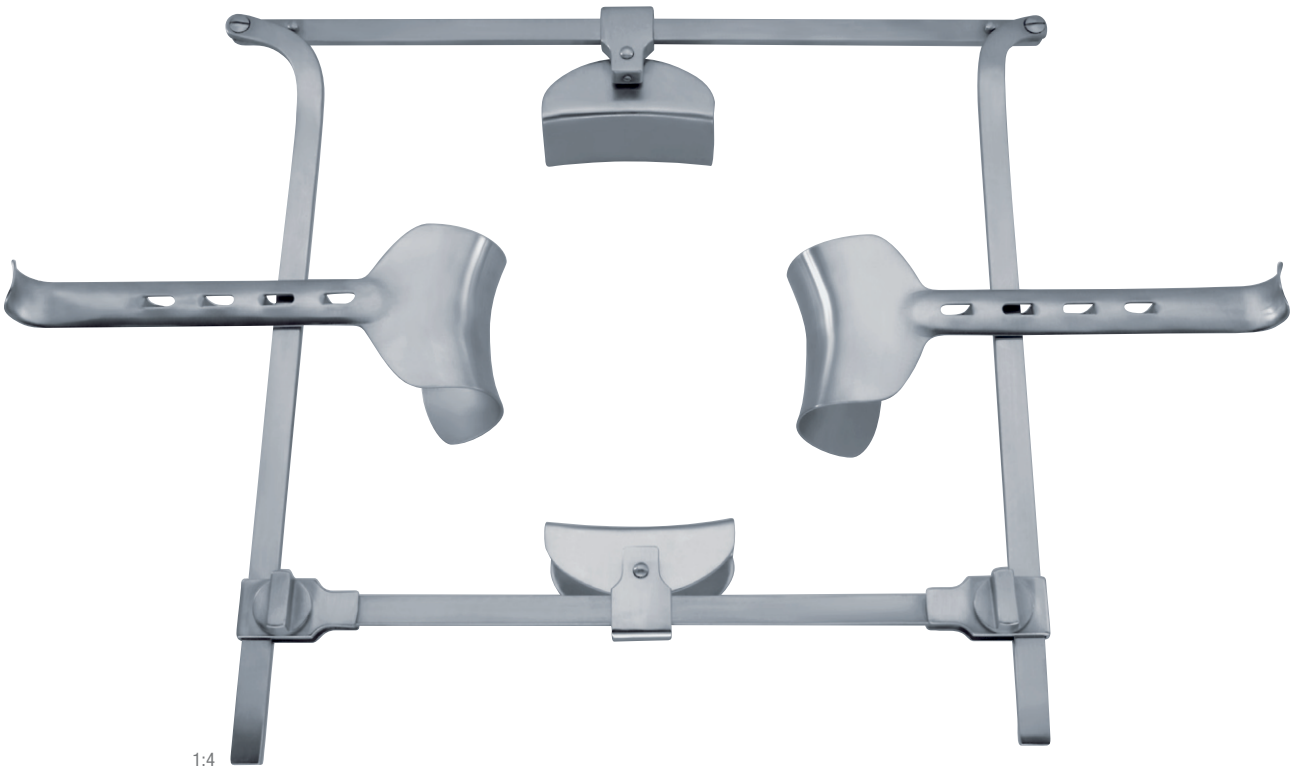
Satz
Set
Jeu
Juego
Serie



1:5

bauchdeckenhalter
Abdominal retractors
Ecarteurs abdominaux
Separadores abdominales
Divaricatori addominali

TC
Rahmen zusammenlegbar
Frame foldable
Cadre pliant
Cuadro plegable
Quadro piegabile



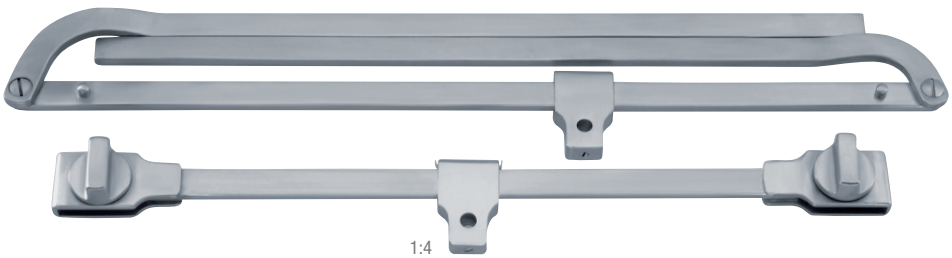
1:4

FRANZ

300 mm x 300 mm	40 mm x 60 mm	45 mm x 80 mm	50 mm x 65 mm	60 mm x 85 mm
08-303-300	08-305-380	08-305-450	08-298-050	08-306-600
1 Rahmen, zusammenlegbar 1 Frame, foldable 1 Cadre pliant 1 Cuadro plegable 1 Quadro piegabile	2 Valven 2 Blades 2 Valves 2 Valvas 2 Valve	2 Valven 2 Blades 2 Valves 2 Valvas 2 Valve	2 Valven 2 Blades 2 Valves 2 Valvas 2 Valve	2 Valven 2 Blades 2 Valves 2 Valvas 2 Valve

08-303-000	x	x		x	
08-307-000	x	x	x	x	x

Satz
Set
Jeu
Juego
Serie



1:4

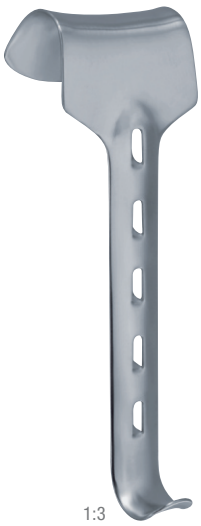
bauchdeckenhalter
Abdominal retractors
Ecarteurs abdominaux
Separadores abdominales
Divaricatori addominali

TC

Valven für Kirschner- und Franz-Rahmen
Blades for Kirschner- and Franz-frames
Valves pour cadres Kirschner et Franz
Valvas para los cuadros de Kirschner y Franz
Valve per i quadri di Kirschner e Franz


1:3


1:3


1:3


1:3

40 mm x 60 mm	45 mm x 80 mm	40 mm x 55 mm	50 mm x 65 mm
08-305-380	08-305-450	08-298-040	08-298-050


1:3


1:3


1:3


1:3

60 mm x 85 mm	80 mm x 90 mm	50 mm x 98 mm	35 mm x 105 mm
08-306-600	08-299-080	08-299-098	08-299-105

bauchspatel
Abdominal spatula
Spatula abdominales
Espátulas abdominales
Spatole addominali



RIBBON

	19 mm	25 mm	30 mm	40 mm	50 mm
330 mm – 13 "	08-308-190	08-308-250	08-308-320	08-308-400	08-308-500

biegsam
malleable
malléable
maleable
flessibile



RIBBON

	6 mm	9 mm	12 mm	17 mm	20 mm
200 mm – 8 "	08-309-060	08-309-090	08-309-120	08-309-170	08-309-200

weich
soft
souple
flexible
morbido

	25 mm
250 mm – 9 ¾ "	08-309-250

weich
soft
souple
flexible
morbido

	6,5 mm	9,5 mm	13 mm	16 mm	19 mm	25 mm
200 mm – 8 "	08-310-060	08-310-090	08-310-130	08-310-160	08-310-190	08-310-250

biegsam, sehr weich
malleable, very soft
malléable, trés souple
maleable, muy flexible
flessibile, molto morbido

bauchspatel
Abdominal spatula
Spatula abdominales
Espátulas abdominales
Spatole addominali



HABERER

200 mm – 8 "	280 mm – 11 "	300 mm – 12 "
17 mm x 25 mm	25 mm x 30 mm	37 mm x 45 mm
08-311-170	08-311-250	08-311-370

biegsam
malleable
malléable
maleable
flessibile



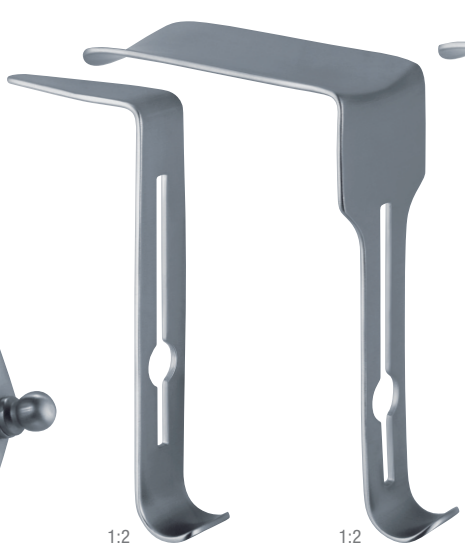
1:2

REVERDIN

280 mm – 11 "	46 mm x 60 mm	08-312-280

Wundspreizer
Retractors
Ecarteurs
Separadores
Divaricatori


1:2


1:2 1:2


1:2

O'SULLIVAN-O'CONNOR

Fig. 1	Fig. 2	Fig. 3	Set
45 mm x 17 mm	90 mm x 37 mm	90 mm x 45 mm	Fig. 1, 2, 3
08-313-001	08-313-002	08-313-003	08-314-000

komplett
complete
complet
completo
completo



FRIEDMANN 1:2

100 mm – 4 "	08-315-100

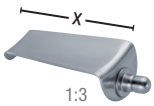
laminektomiesperrer
Laminectomy retractors
Ecarteurs pour laminectomie
Separadores para laminectomía
Divaricatori per laminectomia





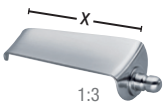
CLOWARD

160 mm – 6 ¼ "	250 mm – 9 ¾ "
08-316-000	08-317-000
komplett mit je 2 Valven Fig. 1 - Fig. 5 complete with 2 blades ea. Fig. 1 - Fig. 5 complet avec 2 valves chacune Fig. 1 - Fig. 5 completo con 2 valvas de cada Fig. 1 - Fig. 5 completo con2 valve Fig. 1 - Fig. 5	komplett mit je 2 Valven Fig. 1 - Fig. 5 complete with 2 blades ea. Fig. 1 - Fig. 5 complet avec 2 valves chacune Fig. 1 - Fig. 5 completo con 2 valvas de cada Fig. 1 - Fig. 5 completo con2 valve Fig. 1 - Fig. 5
08-316-010	08-317-010
Sperrer ohne Valven Retractor without blades Ecarteur sans valves Separador sin valvas Divaricatore senza valve	Sperrer ohne Valven Retractor without blades Ecarteur sans valves Separador sin valvas Divaricatore senza valve



x = 40 mm	08-316-400
x = 45 mm	08-316-450
x = 50 mm	08-316-500
x = 55 mm	08-316-550
x = 60 mm	08-316-600

stumpf
blunt
mousse
romo
smusso



x = 40 mm	08-317-400
x = 45 mm	08-317-450
x = 50 mm	08-317-500
x = 55 mm	08-317-550
x = 60 mm	08-317-600

gezahnt
toothed
dentelée
dentada
dentata

laminektomiesperrer
Laminectomy retractors
Ecarteurs pour laminectomie
Separadores para laminectomía
Divaricatori per laminectomia



1:3



1:3

INGE

165 mm – 6 ½ "	270 mm – 10 ¾ "
08-318-170	08-318-270

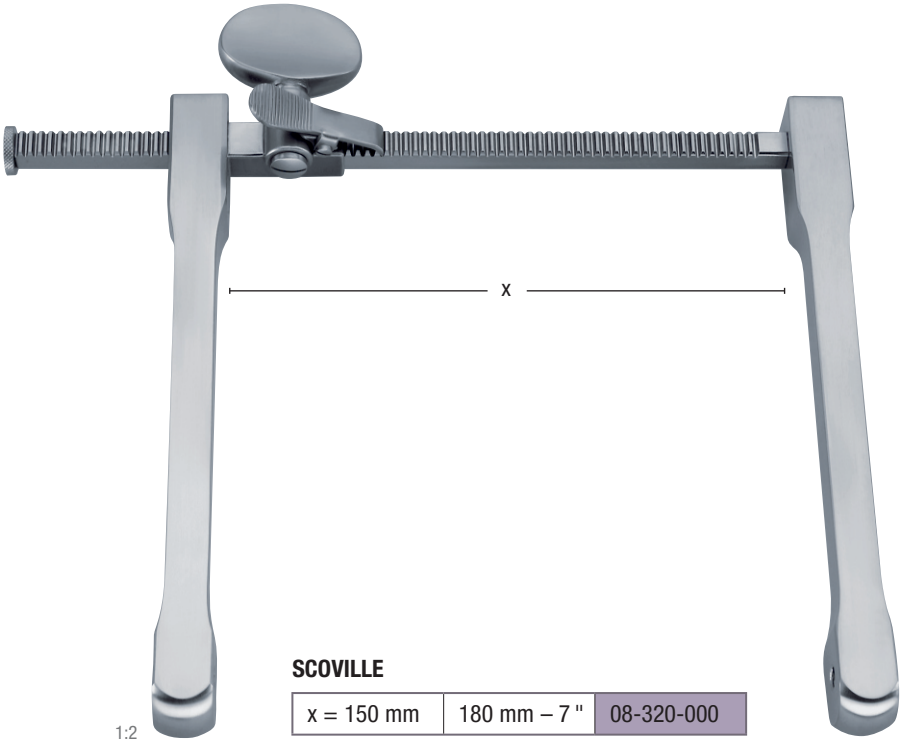


1:2

CLOWARD-VERTREBRA

160 mm – 6 ¼ "	08-319-160

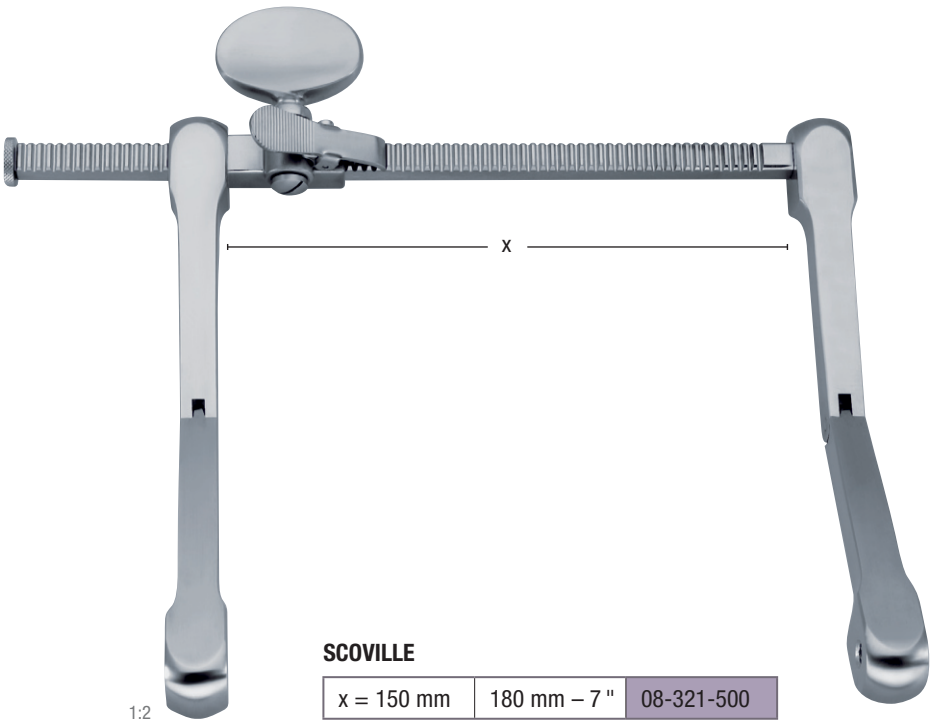
laminektomiesperrer
Laminectomy retractors
Ecarteurs pour laminectomie
Separadores para laminectomía
Divaricatori per laminectomia



1:2

SCOVILLE

x = 150 mm	180 mm – 7 "	08-320-000

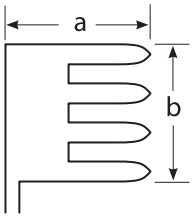


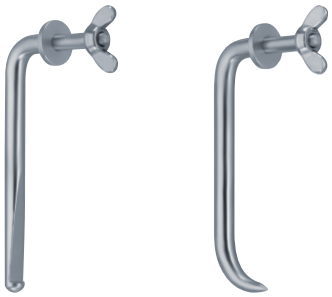
1:2

SCOVILLE

x = 150 mm	180 mm – 7 "	08-321-500

laminektomiesperrer
Laminectomy retractors
Ecarteurs pour laminectomie
Separadores para laminectomía
Divaricatori per laminectomia





SCOVILLE

50 mm – 2 "	08-321-010	08-321-060
70 mm – 2 ¾ "	08-321-020	08-321-070
	stumpf blunt mousse romo smusso	spitz sharp pointu aguda acuta



TAYLOR

a = 48 mm – b = 50 mm – 2" x 2 "	08-321-410
a = 63 mm – b = 50 mm – 2½ " x 2 "	08-321-420
a = 64 mm – b = 64 mm – 3¼ " x 2 ¼ "	08-321-430
a = 80 mm – b = 57 mm – 3" x 2 "	08-321-440



SCOVILLE

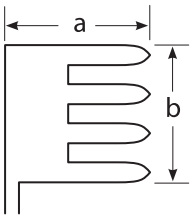
a = 40 mm – b = 37 mm – 1½ " x 1 ½ "	08-321-460
a = 65 mm – b = 44 mm – 2½ " x 1 ¾ "	08-321-470



TAYLOR

a = 75 mm – b = 32 mm – 3" x 1 ¼ "	08-321-532
a = 100 mm – b = 42 mm – 4" x 1 ⅔	08-321-542

laminektomiesperrer
Laminectomy retractors
Ecarteurs pour laminectomie
Separadores para laminectomía
Divaricatori per laminectomia





MEYERDING

a = 57 mm – b = 25 mm – 2¼ " x 1 "	08-321-557
a = 76 mm – b = 25 mm – 3" x 1 "	08-321-576
a = 88 mm – b = 51 mm – 3½ " x 2 "	08-321-588



SCOVILLE

a = 64 mm – b = 25 mm – 2½ " x 1 "	08-321-110
a = 64 mm – b = 50 mm – 2½ " x 2 "	08-321-120
a = 88 mm – b = 25 mm – 3½ " x 1 "	08-321-130



EPSTEIN 1:2

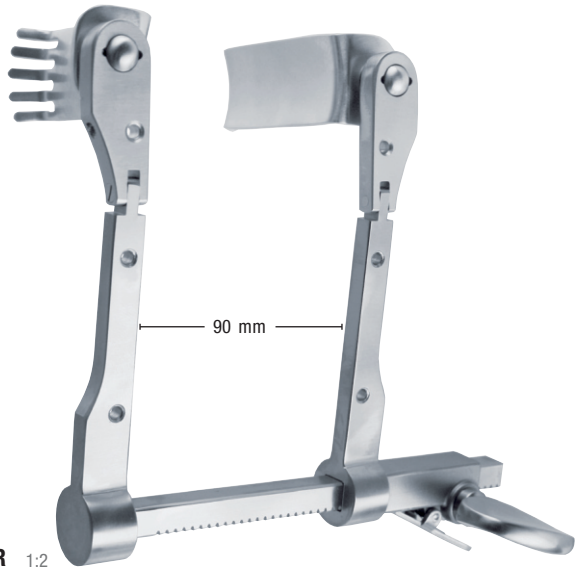
a = 56 mm – b = 25 mm – 2¼ " x 1 "	08-321-656



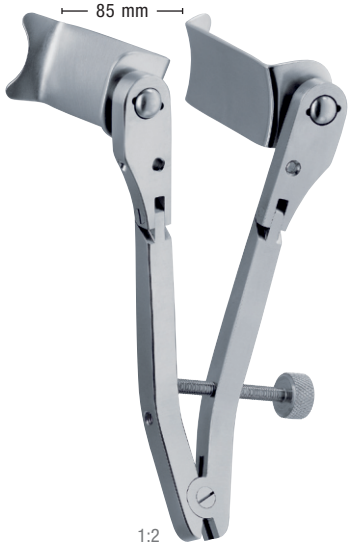
HIBBS

a = 50 mm – b = 20 mm – 2" x ¾ "	08-322-001
a = 50 mm – b = 25 mm – 2" x 1 "	08-322-002
a = 50 mm – b = 50 mm – 2" x 2 "	08-322-003
a = 63 mm – b = 25 mm – 2½ " x 1 "	08-322-004
a = 63 mm – b = 37 mm – 2½ " x 1 ½ "	08-322-005
a = 76 mm – b = 25 mm – 3" x 1 "	08-322-006
a = 76 mm – b = 38 mm – 3" x 1 ½ "	08-322-007
a = 76 mm – b = 50 mm – 3" x 2 "	08-322-008
a = 76 mm – b = 63 mm – 3" x 2 ½ "	08-322-009
a = 90 mm – b = 25 mm – 3½ " x 1 "	08-322-010
a = 90 mm – b = 37 mm – 3½ " x 1 ½ "	08-322-011
a = 102 mm – b = 25 mm – 4" x 1 "	08-322-012
a = 102 mm – b = 50 mm – 4" x 2 "	08-322-013

laminektomiesperrer
Laminectomy retractors
Ecarteurs pour laminectomie
Separadores para laminectomía
Divaricatori per laminectomia



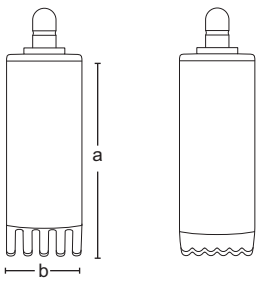
CASPAR 1:2



1:2

08-323-000	318-721-000
komplett mit 5 medial Valven 08-324-400 – 08-324-600 und mit 5 lateral Valven 08-325-400 – 08-325-600 complete with 5 medial blades 08-324-400 – 08-324-600 and with 5 lateral blades 08-325-400 – 08-325-600 complet avec 5 valves médianes 08-324-400 – 08-324-600 et avec 5 valves latérales 08-325-400 – 08-325-600 completo con 5 valvas mediales 08-324-400 – 08-324-600 y con 5 valvas laterales 08-325-400 – 08-325-600 completo con 5 valve mediali 08-324-400 – 08-324-600 e con 5 valve laterali 08-325-400 – 08-325-600	komplett mit 5 Valven 08-326-450 – 08-326-650 complete with 5 blades 08-326-450 – 08-326-650 complet avec 5 valves 08-326-450 – 08-326-650 completo con 5 valvas 08-326-450 – 08-326-650 completo con 5 valve 08-326-450 – 08-326-650

08-323-120	318-721-110
Sperrer ohne Valven Retractor without blades Ecarteur sans valves Separador sin valvas Divaricatore senza valve	Sperrer ohne Valven Retractor without blades Ecarteur sans valves Separador sin valvas Divaricatore senza valve





CASPAR

	medial	lateral
a = 40 mm – b = 23 mm	08-324-400	08-325-400
a = 45 mm – b = 23 mm	08-324-450	08-325-450
a = 50 mm – b = 23 mm	08-324-500	08-325-500
a = 55 mm – b = 23 mm	08-324-550	08-325-550
a = 60 mm – b = 23 mm	08-324-600	08-325-600

CASPAR

a = 45 mm – b = 23 mm	08-326-450
a = 50 mm – b = 23 mm	08-326-500
a = 55 mm – b = 23 mm	08-326-550
a = 60 mm – b = 23 mm	08-326-600
a = 65 mm – b = 23 mm	08-326-650

stumpf
blunt
mousse
romo
smusso

laminektomiesperrer
Laminectomy retractors
Ecarteurs pour laminectomie
Separadores para laminectomía
Divaricatori per laminectomia



CASPAR

08-327-001

komplett mit 5 Valven 08-326-450 – 08-326-650
complete with 5 blades 08-326-450 – 08-326-650
complet avec 5 valves 08-326-450 – 08-326-650
completo con 5 valvas 08-326-450 – 08-326-650
completo con 5 valve 08-326-450 – 08-326-650

08-327-002

Sperrer ohne Valven
Retractor without blades
Ecarteur sans valves
Separador sin valvas
Divaricatore senza valve



08-327-012

Schlüssel
Key
Clé
Llave
Chiave

laminektomiesperrer
Laminectomy retractors
Ecarteurs pour laminectomie
Separadores para laminectomía
Divaricatori per laminectomia


1:1


1:1

CASPAR

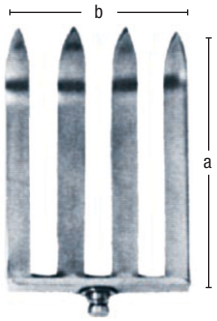
38 mm	58 mm
318-727-500	318-727-700



a = 35 mm – b = 22 mm	08-328-350
a = 40 mm – b = 22 mm	08-328-400
a = 45 mm – b = 22 mm	08-328-450
a = 50 mm – b = 22 mm	08-328-500
a = 55 mm – b = 22 mm	08-328-550
a = 60 mm – b = 22 mm	08-328-600
a = 65 mm – b = 22 mm	08-328-650
a = 70 mm – b = 22 mm	08-328-700



a = 35 mm – b = 37 mm	08-327-350
a = 40 mm – b = 37 mm	08-327-400
a = 45 mm – b = 37 mm	08-327-450
a = 50 mm – b = 37 mm	08-327-500
a = 55 mm – b = 37 mm	08-327-550
a = 60 mm – b = 37 mm	08-327-600
a = 65 mm – b = 37 mm	08-327-650
a = 70 mm – b = 37 mm	08-327-700



a = 35 mm – b = 52 mm	08-329-350
a = 40 mm – b = 52 mm	08-329-400
a = 45 mm – b = 52 mm	08-329-450
a = 50 mm – b = 52 mm	08-329-500
a = 55 mm – b = 52 mm	08-329-550
a = 60 mm – b = 52 mm	08-329-600
a = 65 mm – b = 52 mm	08-329-650
a = 70 mm – b = 52 mm	08-329-700

Wundspreizer zur mikrodiskektomie
Retractors for Micro-Lumbar Discectomy

Retracteurs pour la micro discectomie lumbaire
Retractor para la micro discectomía lumbar
Divaricatore per la micro dissezione lombare



CASPAR 1:2

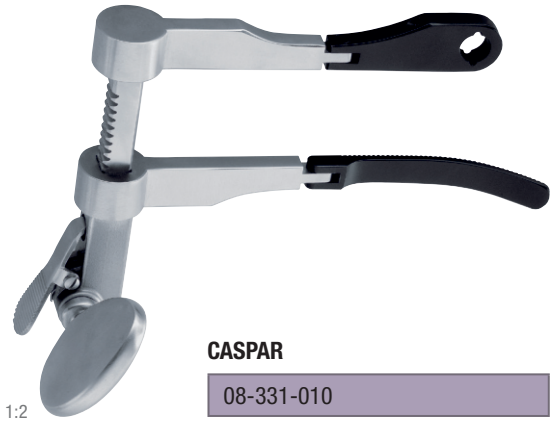
a = 40 mm	08-330-400
a = 45 mm	08-330-450
a = 50 mm	08-330-500
a = 55 mm	08-330-550
a = 60 mm	08-330-600
a = 65 mm	08-330-650
a = 75 mm	08-330-750
a = 85 mm	08-330-850

TC
Mit schwarzer Oberfläche
With black finish
Avec finission noir
Con color negro
Con superficie nera



CASPAR

a = 35 mm	08-331-350	
a = 40 mm	08-331-400	08-332-400
a = 45 mm	08-331-450	08-332-450
a = 50 mm	08-331-500	08-332-500
a = 55 mm	08-331-550	08-332-550
a = 60 mm	08-331-600	08-332-600
a = 65 mm	08-331-650	08-332-650
a = 70 mm		08-332-700
a = 75 mm	08-331-750	
a = 85 mm	08-331-850	



1:2

CASPAR

08-331-010

TC
Mit schwarzer Oberfläche
With black finish
Avec finission noir
Con color negro
Con superficie nera

hypophysenspekulum
Speculum for hypophysectomy
Spéculum pour hypophysectomie
Espéculo para hipofisectomía
Specolo per ipofisectomia

TC
Mit schwarzer Oberfläche
With black finish
Avec finission noir
Con color negro
Con superficie nera



x = 70 mm	08-333-700
x = 90 mm	08-333-900
x = 110 mm	08-334-100

Spekulum für trans-sphenoidale Hypophysectomie
Speculum for trans-sphenoidal hypophysectomy
Speculum pour hypophysectomie trans-sphenoidable
Espéculo para hipofisectomía transfenoidal
Speculo per ipofisectomia trans-sfenoidale

» Knochenchirurgie

» Bone surgery

» Chirurgie osseuse

» Cirugía ósea

» Chirurgia ossea

NJ ENTERPRISES



Amputations- und Resektionssägen
Amputating and resection saws

Scies à amputation et résection
Sierra para amputación y resección
Seghe per amputazione



1:3

CHARRIÈRE

350 mm – 13 ¾ "
09-101-350



12 mm	09-102-920
15 mm	09-102-950
18 mm	09-102-980

Ersatzsägeblätter
Spare saw blades
Lames de rechange
Hojas de cambio
Lame di ricambio



1:3

HELFERICH-BIER

390 mm – 15 ½ "
09-103-390



3 mm	09-103-003
5 mm	09-103-005
7 mm	09-103-007

Ersatzsägeblätter
Spare saw blades
Lames de rechange
Hojas de cambio
Lame di ricambio

Amputations- und Resektionssägen
Amputating and resection saws
Scies à amputation et résection
Sierra para amputación y resección
Seghe per amputazione



1:2

SATTERLEE

290 mm – 11 ½ "	09-104-290

09-104-290/1

Ersatzsägeblatt
Spare saw blade
Lame de rechange
Hoja de cambio
Lame di ricambio



LANGENBECK 1:2

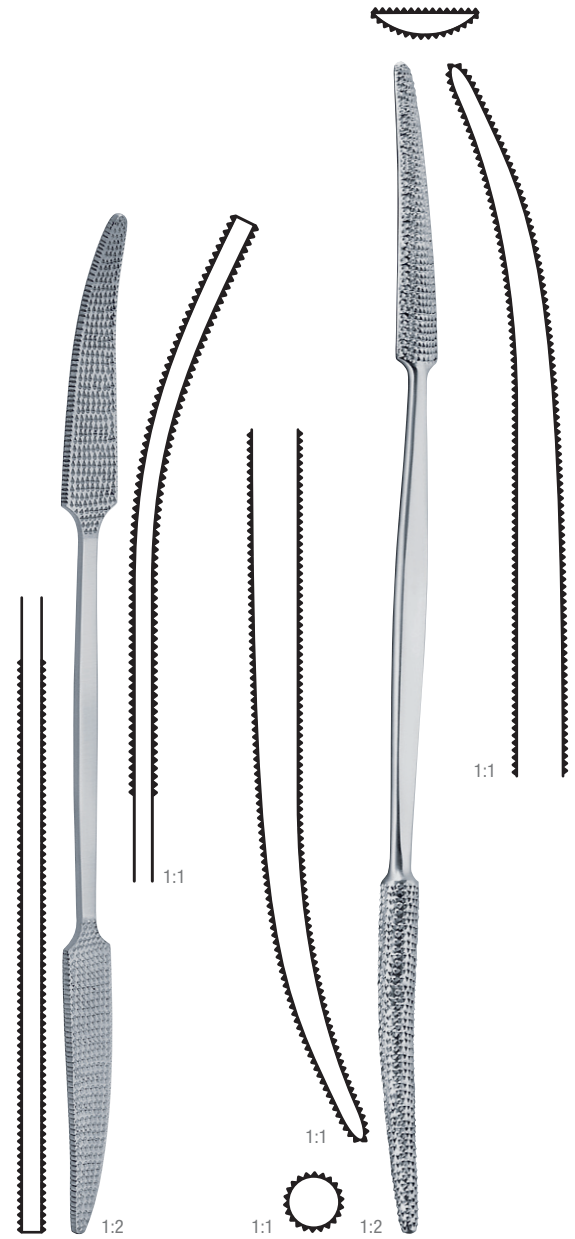
230 mm – 9 "	09-105-230



CHARRIÈRE

270 mm – 10 ¾ "	09-106-270
300 mm – 12 "	09-106-300
340 mm – 13 ½ "	09-106-340

Raspeln, f
Rasps, files
Râpes, limes
Escofinas, limas
Raspe, lime



PUTTI

270 mm – 10 ¾ "	09-107-270	
300 mm – 12 "		09-108-300



280 mm – 11 "
09-109-280

halbrund
semicircular
semi-ronde
semi-redonda
semi-rotonda



245 mm – 9 ¾ "
x = 13 mm
09-110-240

halbrund
semicircular
semi-ronde
semi-redonda
semi-rotonda



220 mm – 8 ¾ "
x = 20 mm
09-111-220

flach
flat
plate
plana
piatta

Hämmer
Mallets
Maillets
Martillos
Martelli



DOYEN

	195 mm – 7¾"
25 mm Ø – 120 g	09-112-120
30 mm Ø – 180 g	09-112-180
35 mm Ø – 260 g	09-112-260



1:2

COLLIN

	200 mm – 8"
30 mm Ø – 220 g	09-113-220



1:2

HAJEK

	215 mm – 8½"
27 mm Ø – 140 g	09-114-010



1:2

KIRK

	190 mm – 7½"
38 mm Ø – 750 g	09-115-750

Hämmer
Mallets
Maillets
Martillos
Martelli



PARTSCH 1:2

	180 mm – 7 "
22 mm Ø – 200 g	09-116-200



LUCAE 1:2

	190 mm – 7 ½ "
19 mm Ø – 230 g	09-117-230
25 mm Ø – 260 g	09-117-260

Hämmer
Mallets
Maillets
Martillos
Martelli



1:2

BERGMANN

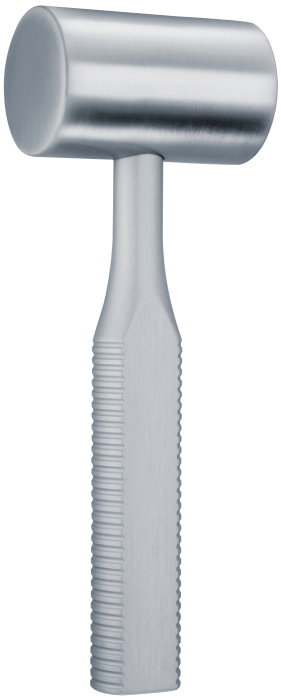
245 mm – 9 ¾ "	
45 mm Ø – 300 g	
09-118-300	



1:2

OMBREDANNE

240 cm – 9 ½ "	
40 mm Ø – 550 g	
09-119-230	



HEATH

40 mm Ø – 700 g	185 mm – 7 ⅓"	09-120-185
45 mm Ø – 1000 g	200 mm – 8 "	09-120-200

Kupferfüllung
Copper filled head
Rempli de cuivre
Llenado de cobre
Riempito di rame

Hämmer
Mallets
Maillets
Martillos
Martelli



1:2

190 mm – 7 ½ "
250 mm Ø – 205 g
09-121-140

Massiver Stahl, mit Kunststoffbacken
Solid steel, with plastic faces
Acier solid, avec plaques en plastique
Acero sólido, con placas en plástico
Accaio massiccio, con punte di plastica

09-121-990

Ersatzbacken, 1 Paar
Spare faces, 1 pair
Plaques de rechange, 1 paire
Placas de cambio, 1 par
Punte di ricambio, 1 paio



COTTLE 1:2

	240 g
185 mm – 7 ¼ "	09-122-185

1 Seite flach / 1 Seite convex
1 side flat / 1 side convex
1 coté plat / 1 coté convex
1 lado plano / 1 lado convexo
1 lato piatto / 1 lato convesso



WILLIGER

	240 mm – 9 ½ "
26 mm Ø – 300 g	423-196-010
28 mm Ø – 340 g	423-196-020
30 mm Ø – 400 g	423-196-030

bleigefüllt
lead filled
rempli de plomb
llenado con plomo
riempito di piombo

Hämmer
Mallets
Maillets
Martillos
Martelli



1:2

165 mm – 6 ½ "
20 mm Ø – 150 g
09-124-150



MEAD 1:2

170 mm – 6 ¾ "
26 mm Ø – 320 g
09-125-320

Stahl massiv, mit Kunststoffbacken
Steel solid, with plastic faces
Acier solid, avec plaques en plastique
Acero sólido, con placas en plástico
Accaio massiccio, con punte di plastica

09-126-000

Ersatzbacken, 1 Paar
Spare faces, 1 pair
Plaques de rechange, 1 paire
Placas de cambio, 1 par
Punte di ricambio, 1 paio

Hämmer
Mallets
Maillets
Martillos
Martelli



1:2

225 mm – 8 ¾ "
37 mm Ø – 370 g
09-127-220

Kopf massiver Stahl, mit Ferrozellbacken
Head solid steel, with Ferrozell faces
Tête acier solid, avec plaques en Ferrozell
Cabeza acero sólido, con placas en Ferrozell
Testa accaio massiccio, con punte di Ferrozell

09-129-000

Ersatzbacken, 1 Paar
Spare faces, 1 pair
Plaques de rechange, 1 paire
Placas de cambio, 1 par
Punte di ricambio, 1 paio



1:2

240 mm – 9 ½ "
30 mm Ø – 480 g
09-128-240

Kopf massiver Stahl, mit Ferrozellbacken
Head solid steel, with Ferrozell faces
Tête acier solid, avec plaques en Ferrozell
Cabeza acero sólido, con placas en Ferrozell
Testa accaio massiccio, con punte di Ferrozell

Hämmer
Mallets
Maillets
Martillos
Martelli



1:2

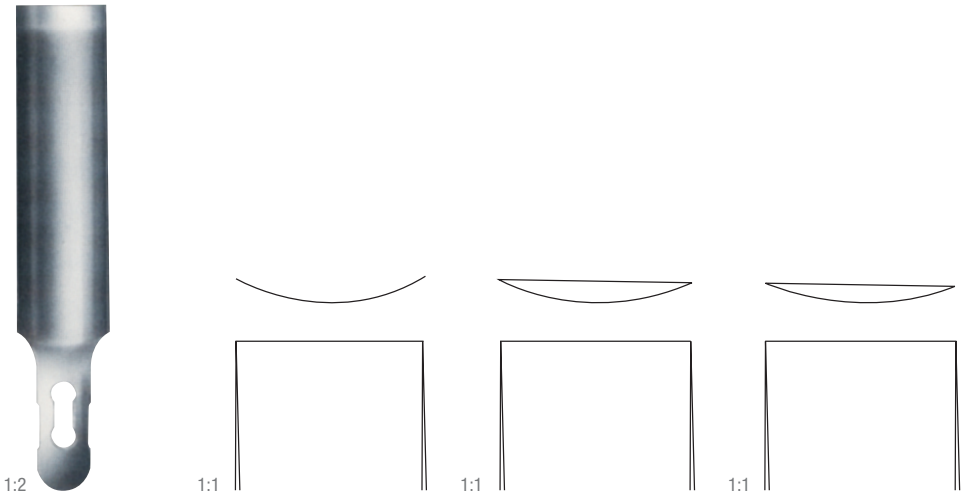
	42 mm Ø – 250 g	42 mm Ø – 400 g
260 mm – 10 ¼ "	09-130-250	09-130-400
	Ferrozell, ohne Blei Ferrozell, without lead Ferrozell, sans plomb Ferrozell, sin plomo Ferrozell, senzo piombo	Kunststoff, bleigefüllt Plastic, lead filled Matière plastique, rempli de plomb Plástico, llenado con plomo Plastica, riempito di piombo



1:2

	30 mm Ø – 450 g	50 mm Ø – 900 g
265 mm – 10 ½ "	09-131-450	09-131-900

Knochenmeißel
Bone chisels and gouges
Ciseaux-burins, gouges
Cinceles, gubias
Scalpelli, sgorbi



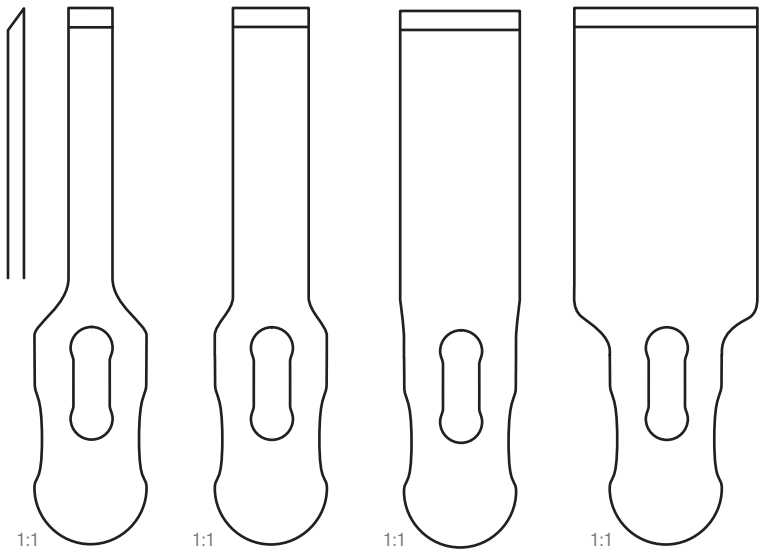
	25 mm (r = 50 mm)	25 mm (r = 60 mm)	25 mm (r = 70 mm)
135 mm – 5 ¼ "	09-133-500	09-133-600	09-133-700

Hohlmeißelklingen, auswechselbar
Gouge blades, interchangeable
Lames gouges, interchangeables
Hojas de gubia, intercambiables
Lame intercambiabili, concavo

Knochenmeißel
Bone chisels and gouges
Ciseaux-burins, gouges
Cinceles, gubias
Scalpelli, sgorbi

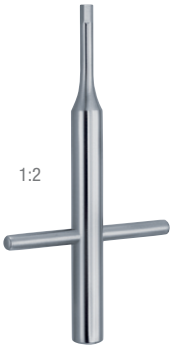


185 mm – 7 ¼ "
09-134-000



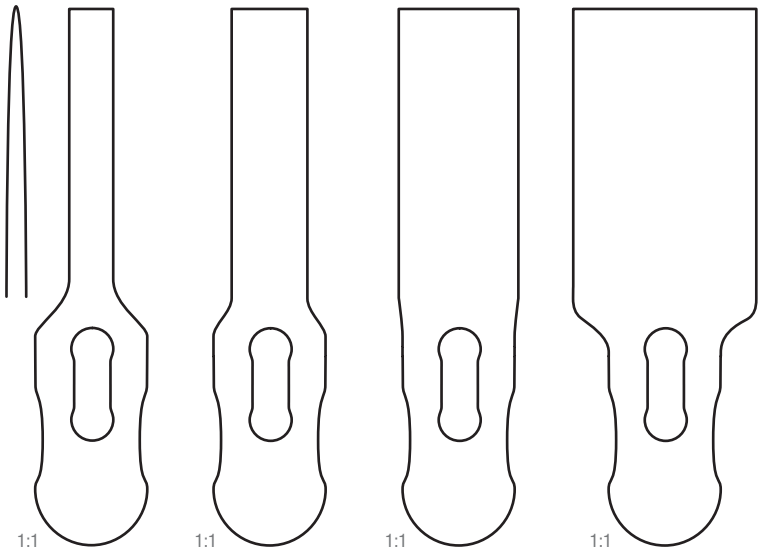
	5 mm	10 mm	16 mm	25 mm
85 mm – 3 ¼ "	09-134-050	09-134-100	09-134-160	09-134-250

Meißelklingen, auswechselbar
Chisel blades, interchangeable
Lames ciseaux-burin, interchangeables
Hojas de cincel, intercambiables
Lame, intercambiabili



90 mm – 3 ½ "
09-134-990

Spannschlüssel
Key
Clé
Llave
Chiave

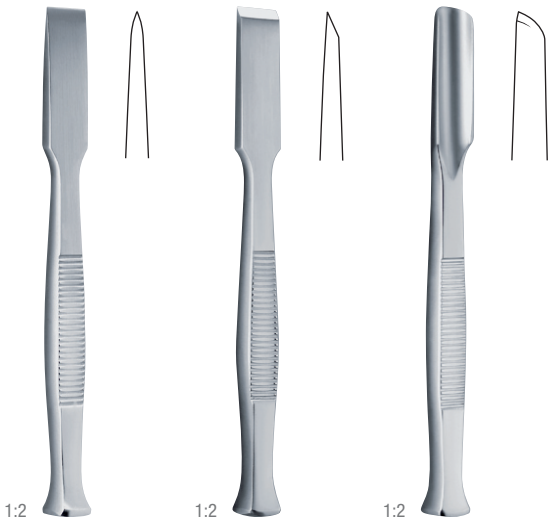


	5 mm	10 mm	16 mm	25 mm
85 mm – 3 ¼ "	09-134-005	09-134-010	09-134-016	09-134-025

Osteotomklingen, auswechselbar
Osteotome blades, interchangeable
Lames d'osteotomos interchangeables
Hojas de osteótomo, intercambiables
Lame per osteotomia, intercambiabili

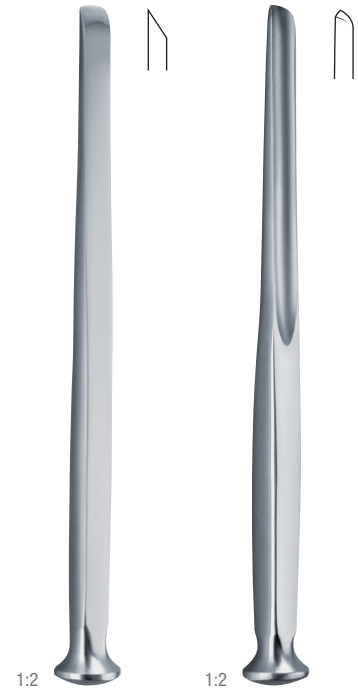
Knochenmeißel
Bone chisels and gouges

Ciseaux-burins, gouges
Cinceles, gubias
Scalpelli, sgorbi



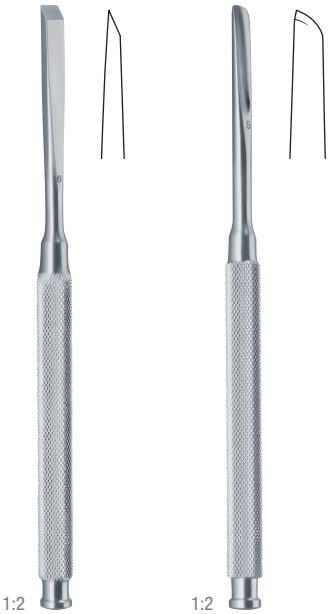
	135 mm – 5 ¼ "	135 mm – 5 ¼ "	135 mm – 5 ¼ "
4 mm			09-137-004
6 mm	09-135-006	09-136-006	09-137-006
8 mm	09-135-008	09-136-008	09-137-008
10 mm	09-135-010	09-136-010	09-137-010
12 mm	09-135-012	09-136-012	09-137-012
14 mm	09-135-014	09-136-014	09-137-014
16 mm	09-135-016	09-136-016	09-137-016

Knochenmeißel
Bone chisels and gouges
Ciseaux-burins, gouges
Cinceles, gubias
Scalpelli, sgorbi



ALEXANDER

	180 mm – 7 "	180 mm – 7 "
4 mm	09-138-004	09-139-004
6 mm	09-138-006	09-139-006
8 mm	09-138-008	09-139-008
10 mm	09-138-010	09-139-010
12 mm	09-138-012	09-139-012
14 mm	09-138-014	09-139-014



LUCAS

	160 mm – 6 ¼ "	160 mm – 6 ¼ "
3 mm		09-141-003
4 mm	09-140-004	
6 mm	09-140-006	09-141-006
	Flachmeißel Chisel Ciseau burin Cincel Scalpello	Hohlmeißel Gouge Gouge Gubia Sgorbi

Knochenmeißel
Bone chisels and gouges
Ciseaux-burins, gouges
Cinceles, gubias
Scalpelli, sgorbi





PARTSCH

	115 mm – 4 ½ "	135 mm – 5 ¼ "	170 mm – 6 ¾ "
2 mm	09-142-020	09-143-002	09-144-020
3 mm	09-142-030	09-143-003	09-144-030
4 mm	09-142-040	09-143-004	09-144-040
5 mm	09-142-050	09-143-005	09-144-050
6 mm	09-142-060	09-143-006	09-144-060
7 mm	09-142-070	09-143-007	09-144-070
8 mm	09-142-080	09-143-008	09-144-080

115 mm – 4 ½ "	135 mm – 5 ¼ "	170 mm – 6 ¾ "
09-145-020	09-146-002	09-147-020
09-145-030	09-146-003	09-147-030
09-145-040	09-146-004	09-147-040
09-145-050	09-146-005	09-147-050
09-145-060	09-146-006	09-147-060
09-145-070	09-146-007	09-147-070
09-145-080	09-146-008	09-147-080

Knochenmeißel
Bone chisels and gouges
Ciseaux-burins, gouges
Cinceles, gubias
Scalpelli, sgorbi



LAMBOTTE

	250 mm – 9 ¾ "	250 mm – 9 ¾ "
4 mm	09-148-004	09-149-004
6 mm	09-148-006	09-149-006
8 mm	09-148-008	09-149-008
10 mm	09-148-010	09-149-010
13 mm	09-148-013	09-149-013
15 mm	09-148-015	09-149-015
20 mm	09-148-020	09-149-020
25 mm	09-148-025	09-149-025
30 mm	09-148-030	09-149-030
38 mm	09-148-038	09-149-038
44 mm	09-148-044	09-149-044
50 mm	09-148-050	09-149-050



MINI-LAMBOTTE

	125 mm – 5 "	170 mm – 6 ¾ "
3 mm	09-150-030	09-151-530
4 mm	09-150-040	09-151-540
6 mm	09-150-060	09-151-560
8 mm	09-150-080	09-151-580
10 mm	09-150-100	09-151-600
12 mm	09-150-120	09-151-620
14 mm	09-150-140	
15 mm	09-150-150	09-151-650
18 mm	09-150-180	
20 mm	09-150-200	

Knochenmeißel
Bone chisels and gouges
Ciseaux-burins, gouges
Cinceles, gubias
Scalpelli, sgorbi



LEXER

1:2 1:2

	220 mm – 8 ¾ "	220 mm – 8 ¾ "
5 mm	09-152-005	09-153-005
7 mm	09-152-007	09-153-007
10 mm	09-152-010	09-153-010
15 mm	09-152-015	09-153-015
20 mm	09-152-020	09-153-020
25 mm	09-152-025	09-153-025
30 mm	09-152-030	09-153-030

Ferrozellgriff
Ferrozell handle
Manche en Ferrozell
Mango en Ferrozell
Manico di Ferrozell



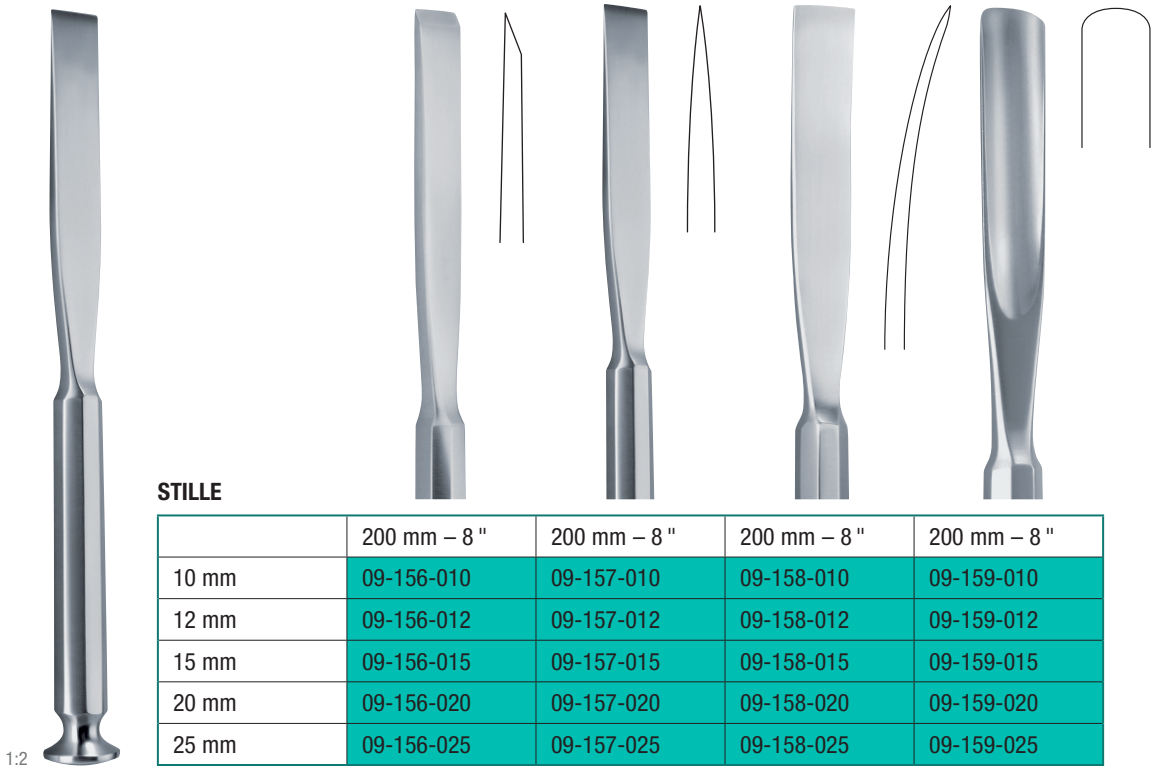
MINI-LEXER

1:2 1:2

	180 mm – 7 "	180 mm – 7 "
4 mm	09-154-040	09-155-040
6 mm	09-154-060	09-155-060
8 mm	09-154-080	09-155-080
10 mm	09-154-100	09-155-100
12 mm	09-154-120	09-155-120

Ferrozellgriff
Ferrozell handle
Manche en Ferrozell
Mango en Ferrozell
Manico di Ferrozell

Knochenmeißel
Bone chisels and gouges
Ciseaux-burins, gouges
Cinceles, gubias
Scalpelli, sgorbi



1:2

STILLE

	200 mm – 8 "	200 mm – 8 "	200 mm – 8 "	200 mm – 8 "
10 mm	09-156-010	09-157-010	09-158-010	09-159-010
12 mm	09-156-012	09-157-012	09-158-012	09-159-012
15 mm	09-156-015	09-157-015	09-158-015	09-159-015
20 mm	09-156-020	09-157-020	09-158-020	09-159-020
25 mm	09-156-025	09-157-025	09-158-025	09-159-025

Knochenmeißel
Bone chisels and gouges

Ciseaux-burins, gouges
Cinceles, gubias
Scalpelli, sgorbi



1:2

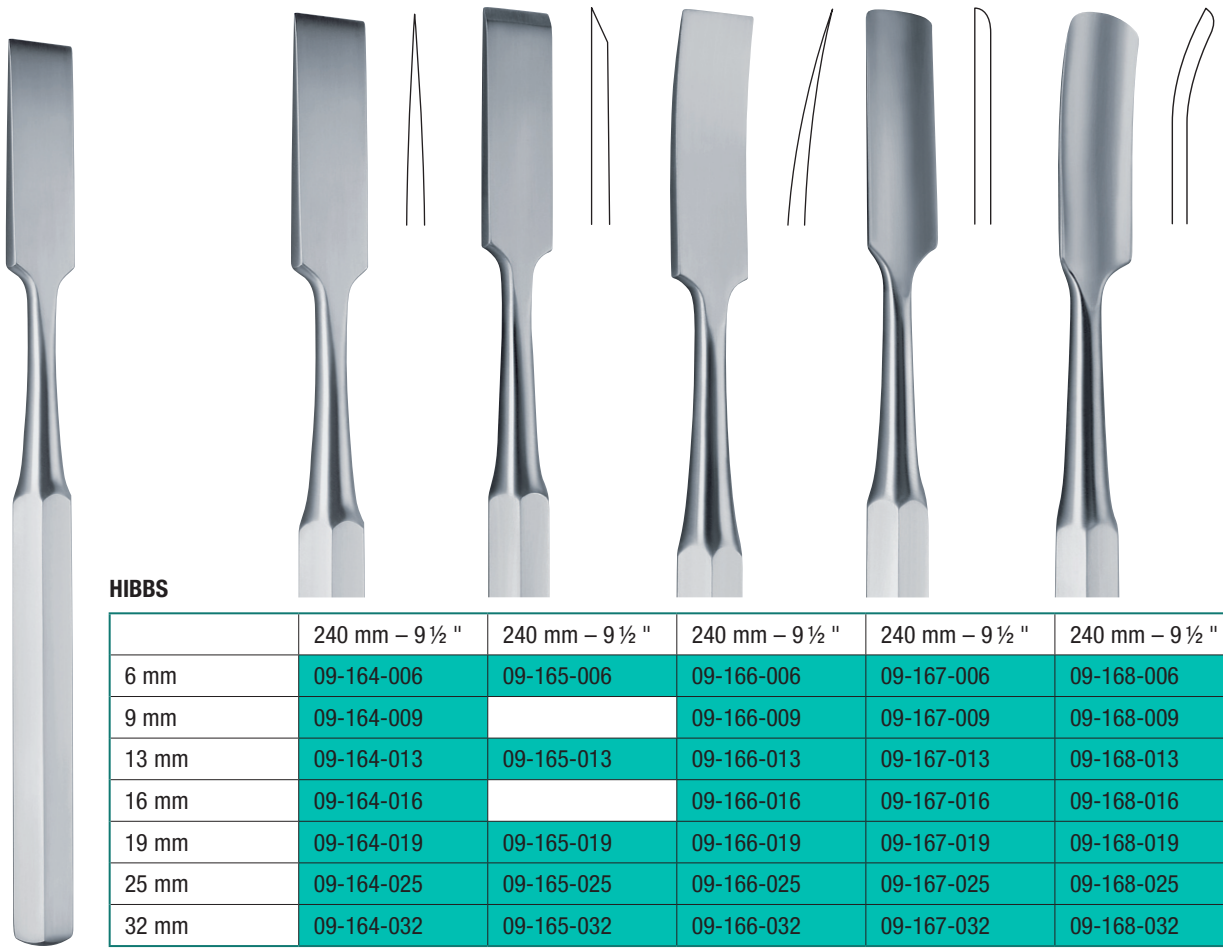


SmitH-PeteRSen

	200 mm – 8 "	200 mm – 8 "	200 mm – 8 "	200 mm – 8 "
6 mm	09-160-006	09-161-006		
9 mm	09-160-009	09-161-009	09-162-009	09-163-009
13 mm	09-160-013	09-161-013		
14 mm			09-162-014	09-163-014
16 mm	09-160-016	09-161-016	09-162-016	09-163-016
19 mm	09-160-019	09-161-019	09-162-019	09-163-019
25 mm	09-160-025	09-161-025	09-162-025	09-163-025
32 mm	09-160-032	09-161-032		

Knochenmeißel
Bone chisels and gouges

Ciseaux-burins, gouges
Cinceles, gubias
Scalpelli, sgorbi

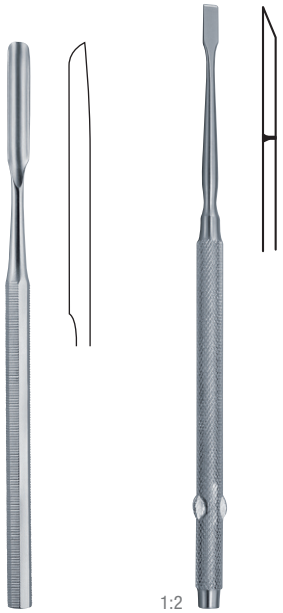


1:2

HIBBS

	240 mm – 9 ½ "	240 mm – 9 ½ "	240 mm – 9 ½ "	240 mm – 9 ½ "	240 mm – 9 ½ "
6 mm	09-164-006	09-165-006	09-166-006	09-167-006	09-168-006
9 mm	09-164-009		09-166-009	09-167-009	09-168-009
13 mm	09-164-013	09-165-013	09-166-013	09-167-013	09-168-013
16 mm	09-164-016		09-166-016	09-167-016	09-168-016
19 mm	09-164-019	09-165-019	09-166-019	09-167-019	09-168-019
25 mm	09-164-025	09-165-025	09-166-025	09-167-025	09-168-025
32 mm	09-164-032	09-165-032	09-166-032	09-167-032	09-168-032

Knochenmeißel
Bone chisels and gouges
Ciseaux-burins, gouges
Cinceles, gubias
Scalpelli, sgorbi

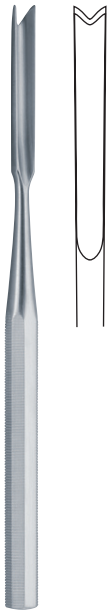


1:2 1:2

FREER

	150 mm – 6 "	160 mm – 6 ¼ "
6 mm	09-169-006	
4 mm		09-170-004

Hohlmeißel	Flachmeißel
Gouge	Chisel
Gouge	Ciseau burin
Gubia	Cincel
Sgorbi	Scalpello



1:2

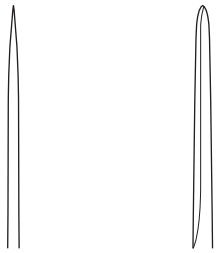
BALLENGER

	160 mm – 6 ¼ "
4 mm	09-171-040
6 mm	09-171-060
8 mm	09-171-080



1:2

MANNERFELT MODIF.



	155 mm - 6 "	155 mm - 6 "
3 mm		09-173-003
4 mm	09-172-004	
6 mm	09-172-006	
8 mm	09-172-008	

Osteotome	Hohlmeißel
Osteotomes	Gouge
Ostéotomes	Gouge
Osteótomos	Gubia
Osteotomi	Sgorbi

meißel zur nasenplastik
Chisels, osteotomes for rhinoplastiy

Ostéotomes, ciseaux-burins pour rhinoplastique
Cinceles para rinoplastia
Scalpelli per plastica nasale



KILIAN

160 mm – 6 ¼ "
5 mm
09-174-005



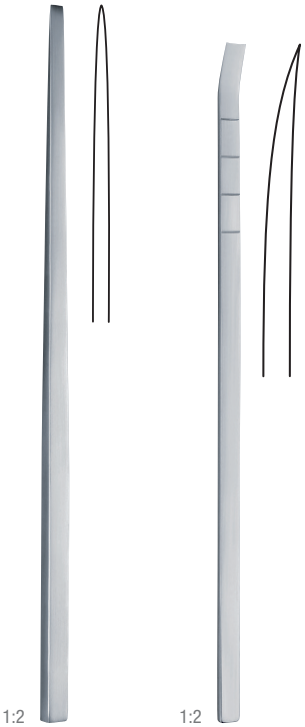
KILIAN-CLAUS

160 mm – 6 ¼ "
5 mm
09-175-005



COTTLE

	150 mm – 6 "
7 mm	09-176-007
9 mm	09-176-009
12 mm	09-176-012



COTTLE

	190 mm – 7 ½ "	180 mm – 7 "
4 mm	09-177-004	
6 mm		09-178-006



FOMON



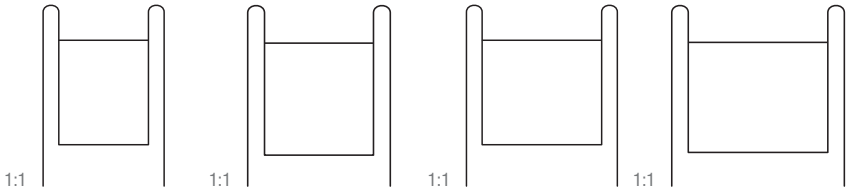
	4 mm	5 mm	6 mm	7 mm	8 mm
170 mm – 6 ¾ "	09-179-004	09-179-005	09-179-006	09-179-007	09-179-008

meißel zur nasenplastik
Chisels, osteotomes for rhinoplastiy

Ostéotomes, ciseaux-burins pour rhinoplastique
Cinceles para rinoplastia
Scalpelli per plastica nasale


1:2

CINELLI

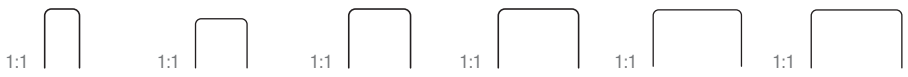

1:1 1:1 1:1 1:1

	10 mm	12 mm	14 mm	16 mm
180 mm – 7 "	09-180-100	09-180-120	09-180-140	09-180-160



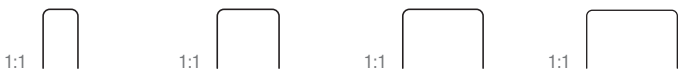

1:2

COTTLE


1:2 1:1 1:1 1:1 1:1 1:1 1:1

	4 mm	6 mm	7 mm	9 mm	10 mm	12 mm
180 mm – 7 "	09-181-040	09-181-060	09-181-070	09-181-090	09-181-100	09-181-120

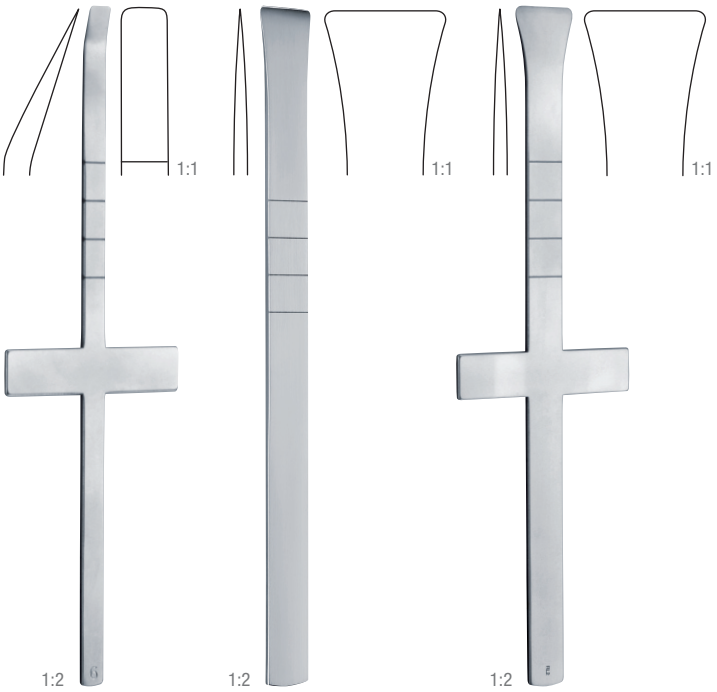
COTTLE


1:1 1:1 1:1 1:1

	4 mm	7 mm	9 mm	12 mm
180 mm – 7 "	09-182-040	09-182-070	09-182-090	09-182-120

meißel zur nasenplastik
Chisels, osteotomes for rhinoplastiy

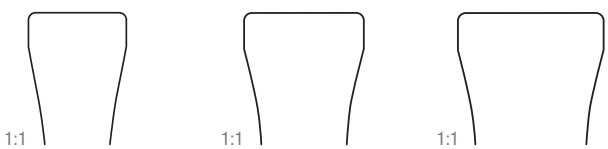
Ostéotomes, ciseaux-burins pour rhinoplastique
Cinceles para rinoplastia
Scalpelli per plastica nasale



COTTLE

	6 mm	16 mm	16 mm
180 mm – 7 "	09-183-060	09-184-160	09-185-160





RUBIN

	10 mm	12 mm	14 mm
180 mm – 7 "	09-186-100	09-186-120	09-186-140

meißel zur nasenplastik
Chisels, osteotomes for rhinoplastiy

Ostéotomes, ciseaux-burins pour rhinoplastique
Cinceles para rinoplastia
Scalpelli per plastica nasale



WALTER





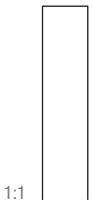
	3 mm	4.5 mm
190 mm – 7 ½ "	09-187-030	09-187-040

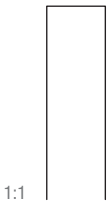


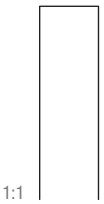
SHEEHAN





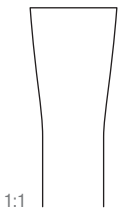


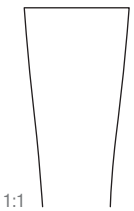


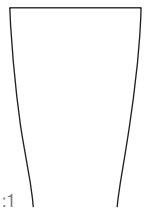


	2 mm	4 mm	6 mm	7 mm	8 mm
160 mm – 6 ¼ "	09-188-020	09-188-040	09-188-060	09-188-070	09-188-080







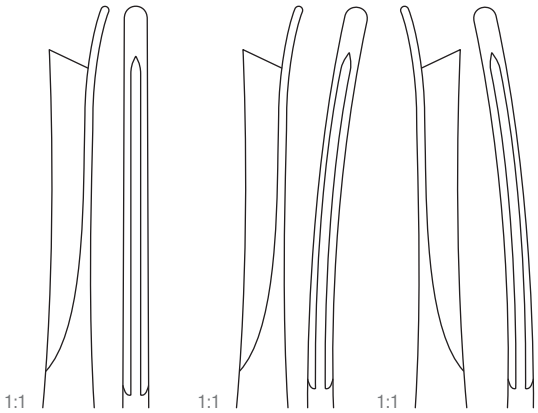


10 mm	12 mm	15 mm	18 mm
09-188-100	09-188-120	09-188-150	09-188-180

meißel zur nasenplastik
Chisels, osteotomes for rhinoplastiy

Ostéotomes, ciseaux-burins pour rhinoplastique
Cinceles para rinoplastia
Scalpelli per plastica nasale

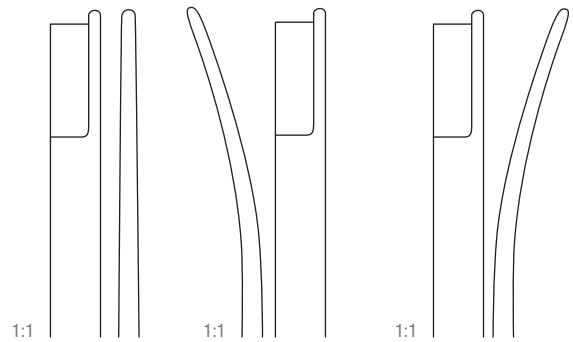

1:2


1:1 1:1 1:1

SILVER

180 mm – 7 "	09-189-010	09-189-020	09-189-030
	gerade straight droit recta retta	rechts right droite derecha destra	links left gauche izquierda sinistra


1:2


1:1 1:1 1:1

NEIVERT-ANDERSON

200 mm – 8 "	09-190-010	09-190-020	09-190-030
	gerade straight droit recta retta	rechts right droite derecha destra	links left gauche izquierda sinistra

meißel für die Kieferchirurgie
Osteotomes for maxillo-facial surgery
Ostéotomes pour la chirurgie maxillo-faciale
Cinceles para la cirugía maxilofacial
Scalpelli per chirurgia massilofaciale



OBWEGESER

	8 mm	11 mm	13 mm
235 mm – 9¼"	09-192-080	09-192-110	09-192-240



OBWEGESER

	7 mm	10 mm
215 mm – 8½"	09-191-007	09-191-010

Stößel
Tampers
Pilons
Punzones
Pestoni


1:2

1:1
1:1 
1:1 
1:1 
1:1 
1:1 
1:1 

	2 mm Ø	3 mm Ø	4 mm Ø	5 mm Ø	6 mm Ø	8 mm Ø	10 mm Ø
155 mm – 6 "	09-193-020	09-193-030	09-193-040	09-193-050	09-193-060	09-193-080	09-193-100


1:2

PASSOW

1:1 
1:1 
1:1 

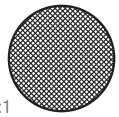
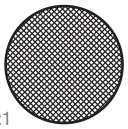
	Fig. 1	Fig. 2	Fig. 3
	2.5 mm x 2.5 mm	3.5 mm x 3.5 mm	4.5 mm x 4.5 mm
120 mm – 4 ¾ "	09-194-001	09-194-002	09-194-003

CASPAR

1:1 
1:1 
1:1 

	3 mm Ø	5 mm Ø	8 mm Ø
200 mm – 8 "	09-195-030	09-195-050	09-195-080


1:2

1:1 
1:1 
1:1 

	12 mm Ø	14 mm Ø	16 mm Ø
200 mm – 8 "	09-196-120	09-196-140	09-196-160


1:2

Scharfe löffel
Bone curettes
Curettes tranchantes
Cucharillas cortantes
Cucchiai taglienti


1:2

VOLKMANN


1:1


1:1


1:1


1:1


1:1

	Fig. 0000	Fig. 000	Fig. 00	Fig. 0	Fig. 1
170 mm – 6¾ "	09-197-000	09-197-001	09-197-002	09-197-003	09-197-010


1:1


1:1


1:1


1:1


1:1

Fig. 2	Fig. 3	Fig. 4	Fig. 5	Fig. 6
09-197-020	09-197-030	09-197-040	09-197-050	09-197-060


1:2

SCHEDE


1:1


1:1


1:1


1:1


1:1

	Fig. 000	Fig. 00	Fig. 0	Fig. 1	Fig. 2
170 mm – 6¾ "	09-198-001	09-198-002	09-198-003	09-198-010	09-198-020


1:1


1:1

Fig. 3	Fig. 4
09-198-030	09-198-040

Scharfe löffel
Bone curettes
Curettes tranchantes
Cucharillas cortantes
Cucchiai taglienti


1:2

SPRATT


1:1

1:1

1:1

	Fig. 0000	Fig. 000	Fig. 00
170 mm – 6 ¾ "	09-199-004	09-199-001	09-199-002


1:1

1:1

1:1

Fig. 0	Fig. 1	Fig. 2
09-199-003	09-199-010	09-199-020


1:1

1:1

1:1

Fig. 3	Fig. 4	Fig. 5
09-199-030	09-199-040	09-199-050


1:2

BRUNS


1:1

1:1

1:1

	Fig. 000	Fig. 00	Fig. 0
160 mm – 6 ¼ "	09-200-001	09-200-002	09-200-003


1:1

1:1

1:1

Fig. 1	Fig. 2	Fig. 3
09-200-010	09-200-020	09-200-030


1:1

1:1

1:1

Fig. 4	Fig. 5	Fig. 6
09-200-040	09-200-050	09-200-060

Scharfe löffel
Bone curettes
Curettes tranchantes
Cucharillas cortantes
Cucchiai taglienti



VOLKMANN

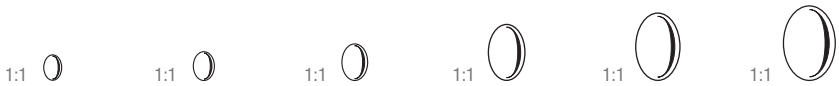


	Fig. 0000	Fig. 000	Fig. 00	Fig. 0	Fig. 1	Fig. 2
185 mm – 7 ¼ "	09-201-400	09-201-300	09-201-200	09-201-100	09-201-010	09-201-020

oval, mit Kunststoffgriff
oval, with plastic handle
ovale, avec manche en matière plastique
ovalada, con mango plástico
ovale, con manico in plastica



	Fig. 3	Fig. 4	Fig. 5	Fig. 6
190 mm – 7 ½ "	09-201-030	09-201-040	09-201-050	09-201-060



	Fig. 0	Fig. 1	Fig. 2	Fig. 3	Fig. 4
275 mm – 10 ¾ "	09-202-100	09-202-010	09-202-020	09-202-030	09-202-040

Scharfe löffel
Bone curettes
Curettes tranchantes
Cucharillas cortantes
Cucchiai taglienti

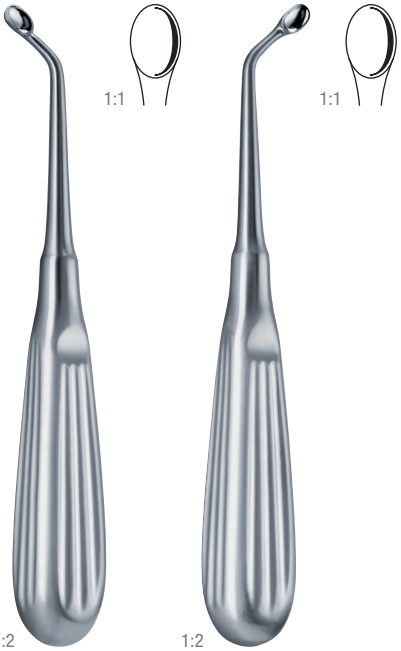

1:2


1:1 1:1 1:1

HALLE

	Fig. 1	Fig. 2	Fig. 3
210 mm – 8 ¼ "	09-203-010	09-203-020	09-203-030

flexibel
flexible
flexible
flexible
flessibile


1:2 1:1 1:2 1:1

UFFENORDE

	Fig. 1	Fig. 2
170 mm – 6 ¾ "	09-204-001	09-204-002

Scharfe löffel
Bone curettes
Curettes tranchantes
Cucharillas cortantes
Cucchiai taglienti

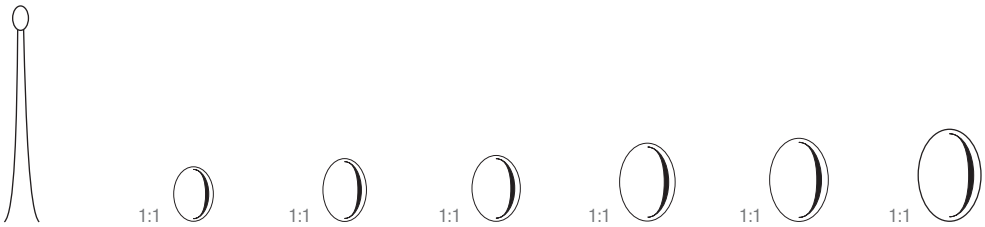


	Fig. 1	Fig. 2	Fig. 3	Fig. 4	Fig. 5	Fig. 6
160 mm – 6 ¼ "	09-205-010	09-205-020	09-205-030	09-205-040	09-205-050	09-205-060



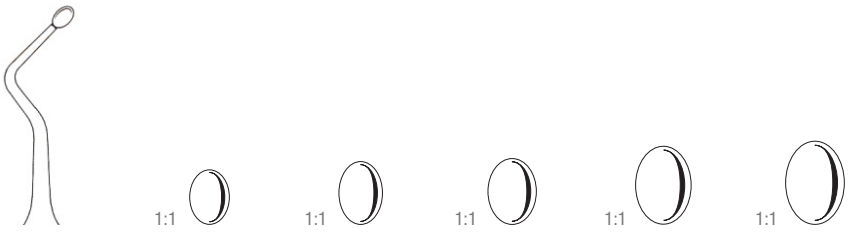


	Fig. 1	Fig. 2	Fig. 3	Fig. 4	Fig. 5
160 mm – 6 ¼ "	09-206-010	09-206-020	09-206-030	09-206-040	09-206-060

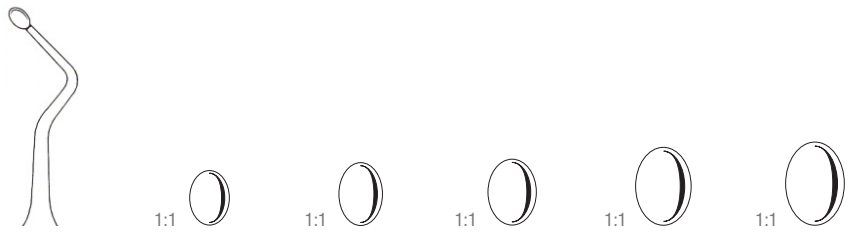


	Fig. 1	Fig. 2	Fig. 3	Fig. 4	Fig. 5
160 mm – 6 ¼ "	09-207-010	09-207-020	09-207-030	09-207-040	09-207-060

Scharfe löffel
Bone curettes
Curettes tranchantes
Cucharillas cortantes
Cucchiai taglienti


1:2

BRUNS


1:1


1:1


1:1


1:1

		Fig. 00	Fig. 0	Fig. 1	Fig. 2
230 mm – 9 "	gerade straight droit recta retto	09-208-002	09-208-003	09-208-010	09-208-020
230 mm – 9 "	gebogen curved courbe curva curvo	09-209-002	09-209-003	09-209-010	09-209-020

massiv
solid
solide
macizo
massicio


1:1


1:1


1:1


1:1

		Fig. 3	Fig. 4	Fig. 5	Fig. 6
230 mm – 9 "	gerade straight droit recta retto	09-208-030	09-208-040	09-208-050	09-208-060
230 mm – 9 "	gebogen curved courbe curva curvo	09-209-030	09-209-040	09-209-050	09-209-060

massiv
solid
solide
macizo
massicio

Scharfe löffel
Bone curettes
Curettes tranchantes
Cucharillas cortantes
Cucchiai taglienti


1:2

SCHROEDER


1:1


1:1

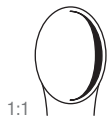
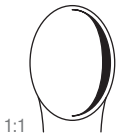
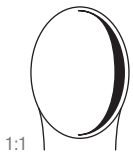

1:1

	Fig. 1	Fig. 2	Fig. 3
300 mm – 12 "	09-210-001	09-210-002	09-210-003

scharf / fest
sharp / rigid
tranchante / rigide
cortante / rigida
tagliente / rigido


1:1


1:1


1:1

Fig. 4	Fig. 5	Fig. 6
09-210-004	09-210-005	09-210-006


1:2

SIMON


1:1


1:1


1:1


1:1


1:1


1:1

	Fig. 1	Fig. 2	Fig. 3	Fig. 4	Fig. 5	Fig. 6
240 mm – 9 ½ "	09-211-010	09-211-020	09-211-030	09-211-040	09-211-050	09-211-060

scharf / fest
sharp / rigid
tranchante / rigide
cortante / rígida
tagliente / rigido

SIMON


1:1


1:1

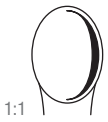
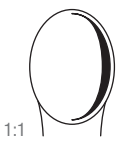
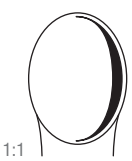

1:1

	Fig. 1	Fig. 2	Fig. 3
250 mm – 9 ¾ "	09-212-001	09-212-002	09-212-003

scharf / fest
sharp / rigid
tranchante / rigide
cortante / rígida
tagliente / rigido


1:1


1:1


1:1

Fig. 4	Fig. 5	Fig. 6
09-212-004	09-212-005	09-212-006

Scharfe löffel
Bone curettes
Curettes tranchantes
Cucharillas cortantes
Cucchiai taglienti


1:2


1:1 1:1 1:1 1:1

	Fig. 000	Fig. 00	Fig. 0	Fig. 1
	3.6 mm	4.4 mm	5.2 mm	6.8 mm
250 mm – 9 ¾ "	09-213-360	09-213-440	09-213-520	09-213-600

gerade
straight
droit
recta
retto


1:1 1:1 1:1 1:1

	Fig. 000	Fig. 00	Fig. 0	Fig. 1
	3.6 mm	4.4 mm	5.2 mm	6.8 mm
250 mm – 9 ¾ "	09-214-360	09-214-440	09-214-520	09-214-600

gebogen
curved
courbe
curva
curvo


1:2

DAUBENSPECK

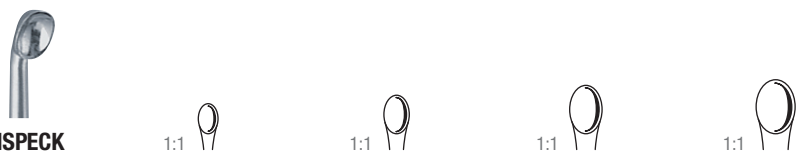

1:1 1:1 1:1 1:1

	Fig. 00	Fig. 0	Fig. 1	Fig. 2
	2.8 mm	3.6 mm	4.4 mm	5.2 mm
200 mm – 8 "	09-216-990	09-215-000	09-215-010	09-215-020

Scharfe löffel
Bone curettes
Curettes tranchantes
Cucharillas cortantes
Cucchiai taglienti



1:2

SCOVILLE



1:1



1:1



1:1

	Fig. 1	Fig. 2	Fig. 3
250 mm – 9 ¾ "	09-218-250	09-219-250	09-220-250

oval
oval
ovale
ovalada
ovale



1:2

LEMPERT



1:1



1:1



1:1



1:1

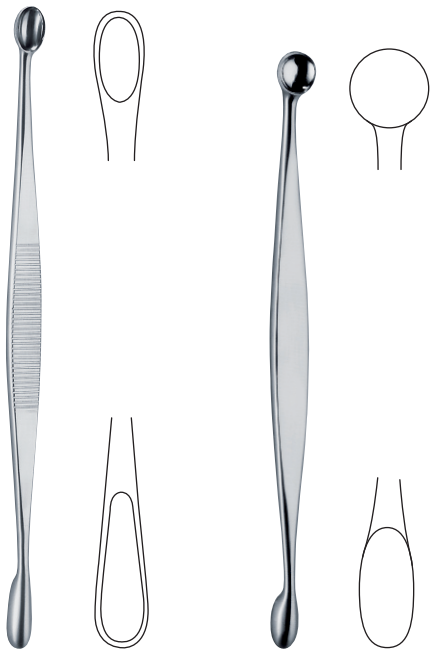


1:1

	Fig. 00000	Fig. 0000	Fig. 000	Fig. 00	Fig. 0
	1.8 mm	2.0 mm	2.4 mm	2.6 mm	2.8 mm
215 mm – 8 ½ "	09-221-500	09-221-400	09-221-300	09-221-200	09-221-100

Scharfe doppellöffel
Bone curettes, double-ended

Curettes doubles
Cucharillas de doble extremo
Curette doppie

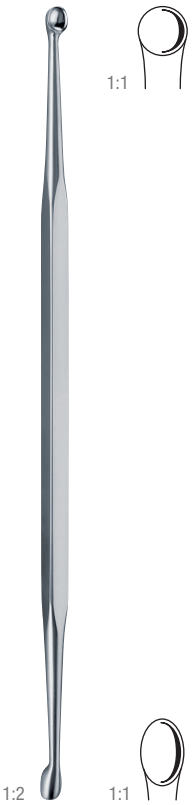


VOLKMANN

130 mm – 5 "	09-222-130	09-223-130
140 mm – 5 ½ "	09-222-140	
160 mm – 6 ¼ "		09-223-160
170 mm – 6 ¾ "	09-222-170	
200 mm – 8 "		09-223-200

oval / oval
oval / oval
ovale / ovale
ovalada / ovalada
ovale / ovale

rund / oval
round / oval
ronde / ovale
redonda / ovalada
rotondo / ovale



210 mm – 8 ¼ "	09-224-210

rund / oval
round / oval
ronde / ovale
redonda / ovalada
rotondo / ovale

Scharfe doppellöffel
Bone curettes, double-ended

Curettes doubles
Cucharillas de doble extremo
Curette doppie


1:2

MARTINI

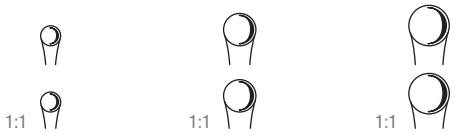

1:1 1:1 1:1

	Fig. 00	Fig. 0	Fig. 1
	Fig. 0	Fig. 1	Fig. 2
135 mm – 5 ¼ "	09-225-000	09-225-001	09-225-012


1:2

MARTINI


1:1 1:1 1:1

	Fig. 00	Fig. 0	Fig. 1
	Fig. 0	Fig. 1	Fig. 2
155 mm – 6 "	09-226-000	09-226-100	09-226-110


1:2

WILLIGER


1:1 1:1 1:1

	Fig. 00	Fig. 0	Fig. 1
	Fig. 0	Fig. 1	Fig. 2
135 mm – 5 ¼ "	09-227-000	09-227-001	09-227-012


1:2

WILLIGER

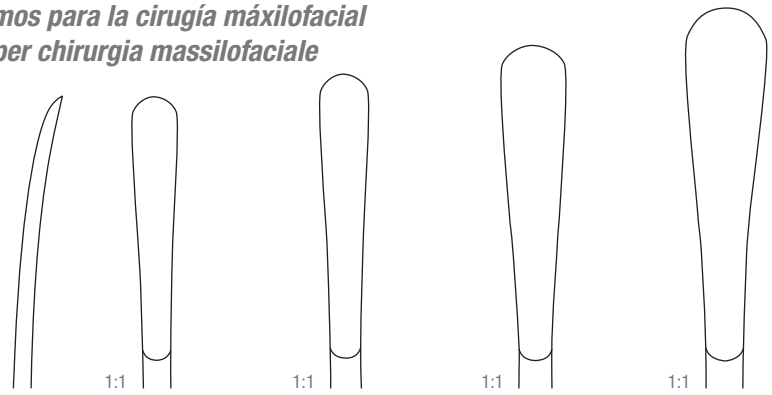

1:1 1:1 1:1

	Fig. 00	Fig. 0	Fig. 1
	Fig. 0	Fig. 1	Fig. 2
155 mm – 6 "	09-228-000	09-228-100	09-228-110

Raspatorien für die Kieferchirurgie
Periosteal elevators for maxillo-facial surgery

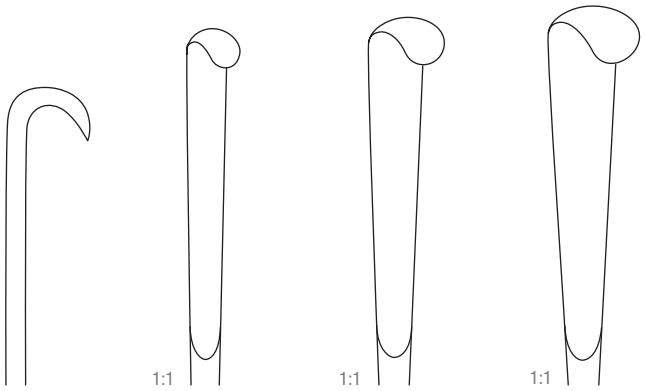
Rugines – Décolleurs pour la chirurgie maxillo-faciale
Periostótomos para la cirugía máxilofacial
Raspatori per chirurgia massilofaciale





OBWEGESER

	6 mm	7 mm	9 mm	11 mm
170 mm – 6 ¾ "	09-229-060	09-229-070	09-229-090	09-229-110



	5 mm	7 mm	9 mm
200 mm – 8 "	09-230-050	09-230-070	09-230-090



OBWEGESER-FREER

210 mm – 8 ¼ "	09-231-210

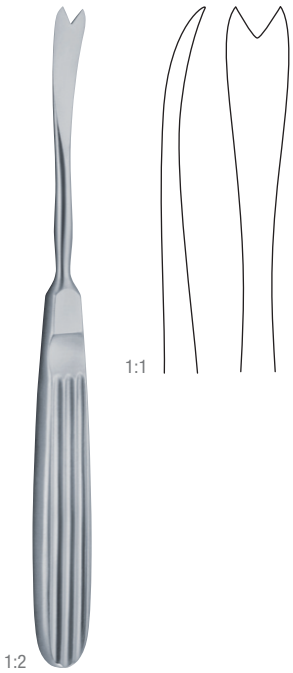


OBWEGESER-FREER

210 mm – 8 ¼ "	09-232-210

Raspatorien und Ahlen für die Kieferchirurgie
Periosteal elevators and awls for maxillo-facial surgery

Rugines, décolleurs el passe-fils pour chirurgie maxillo-faciale
Periostótomos y leznas para la cirugia máxilofacial
Raspatori, punteruoli per chirurgia massilofaciale



OBWEGESER

175 mm – 7 "	09-233-020



OBWEGESER

230 mm – 9 "	09-234-230



OBWEGESER

180 mm – 7 "	09-235-180
230 mm – 9 "	09-235-230
280 mm – 11 "	09-235-280



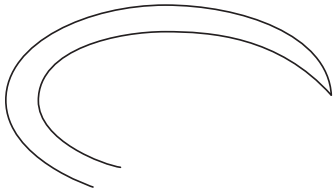
OBWEGESER

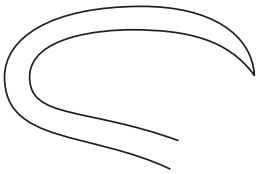
130 mm – 5 "	09-236-130

Raspatorien – elevatorien
Periosteal raspatories – Elevators

Rugines – Elévateurs
Raspatorios – Elevadores
Periostotomi – Elevatori





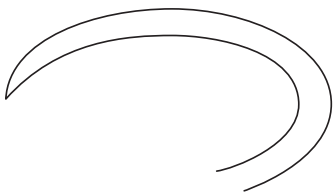


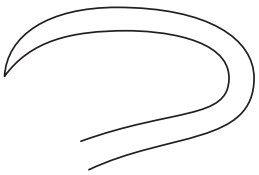
DOYEN

170 mm – 6 ¾ "	09-237-170	09-238-170
240 mm – 9 ½ "	09-237-240	

links	für Erwachsene	für Kinder
left	for adults	for children
gauche	pour adultes	pour enfants
izquierda	para adultos	para niños
sinistra	per adulti	per bambini







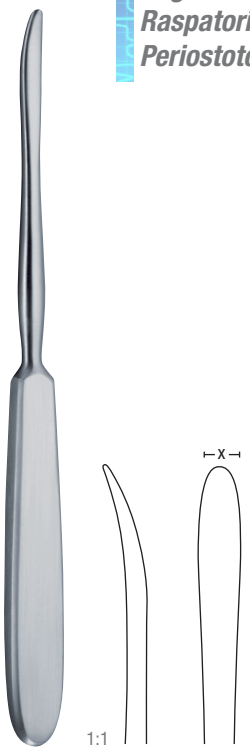
DOYEN

170 mm – 6 ¾ "	09-239-170	09-240-170
240 mm – 9 ½ "	09-239-240	

rechts	für Erwachsene	für Kinder
right	for adults	for children
droite	pour adultes	pour enfants
derecha	para adultos	para niños
destra	per adulti	per bambini

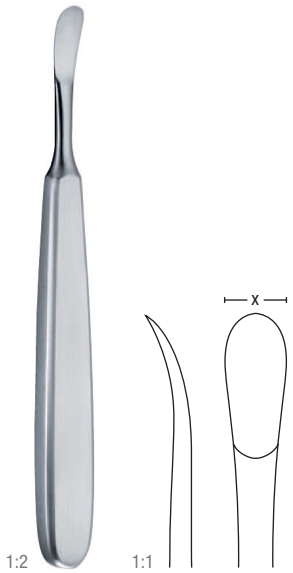
Raspatorien – elevatorien
Periosteal raspatories – Elevators

Rugines – Elévateurs
Raspatorios – Elevadores
Periostotomi – Elevatori



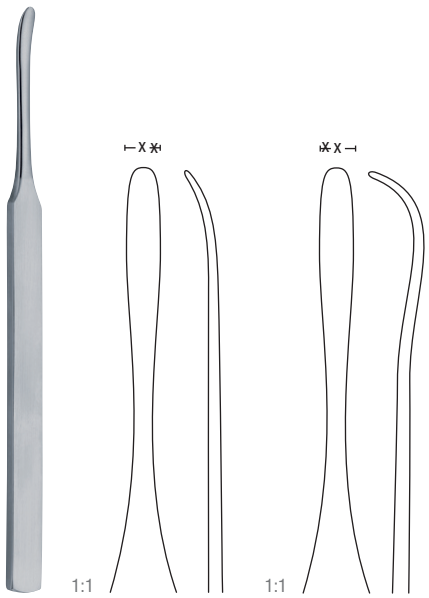
QUERVAIN

	x = 6 mm
195 mm – 7¾"	09-241-200



TRELAT

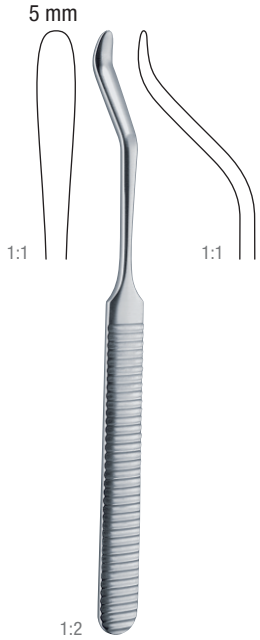
	x = 8 mm
150 mm – 6"	423-445-140



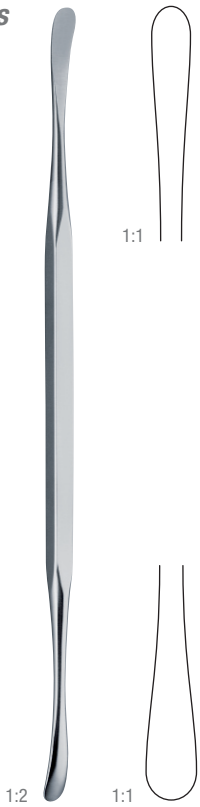
KÖNIG

	x = 4.5 mm	x = 4.5 mm
155 mm – 6"	09-243-150	09-244-150

Raspatorien – elevatorien
Periosteal raspatories – Elevators
Rugines – Elévateurs
Raspatorios – Elevadores
Periostotomi – Elevatori

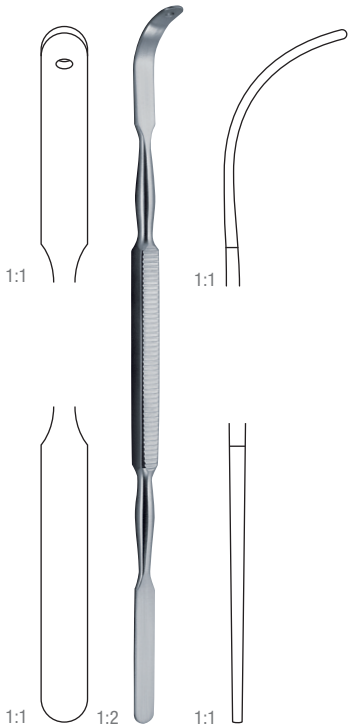


160 mm – 6 ¼ "	09-245-160



ALDERDYCE

210 mm – 8 ¼ "	09-246-210



MCDONALD

190 mm – 7 ½ "	09-247-190





SEDILLO T

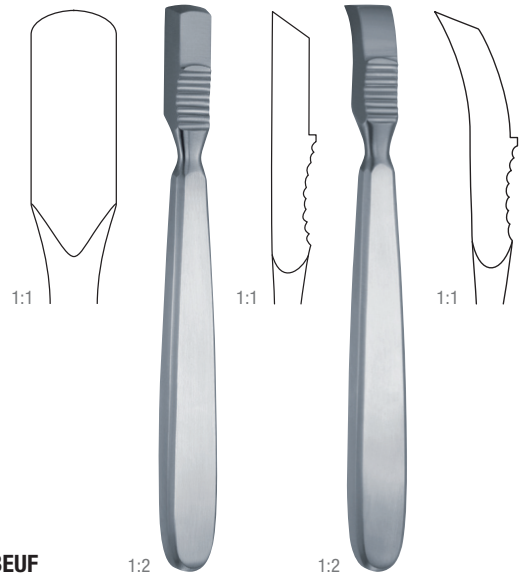
185 mm – 7 ¼ "	09-248-185
210 mm – 8 ¼ "	09-249-210



WATSON-CHEYNE

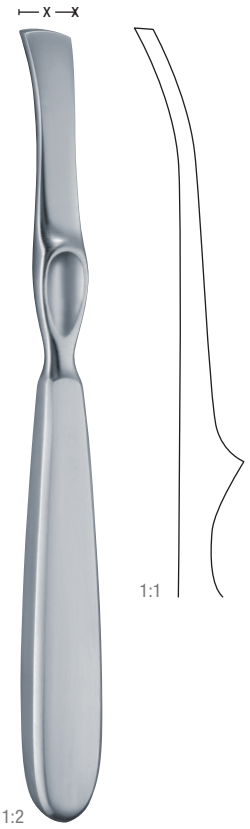
130 mm – 5 ⅛ "	09-250-130
190 mm – 7 ½ "	09-250-190

Raspatorien – elevatorien
Periosteal raspatories – Elevators
Rugines – Elévateurs
Raspatorios – Elevadores
Periostotomi – Elevatori



FARABEUF

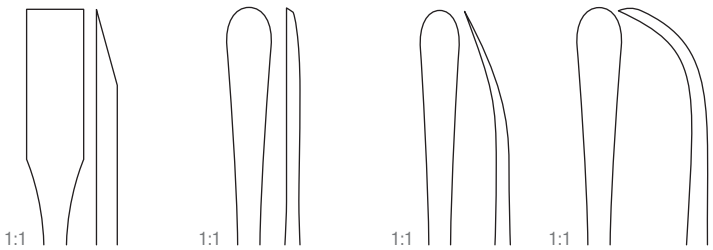
150 mm – 6 "	09-251-150	09-252-150
	gerade straight droit recta retto	gebogen curved courbe curva curvo



LAMBOTTE

	210 mm – 8 ¼ "
x = 5 mm	09-253-050
x = 10 mm	09-253-100
x = 15 mm	09-253-150
x = 20 mm	09-253-200
x = 25 mm	09-253-250

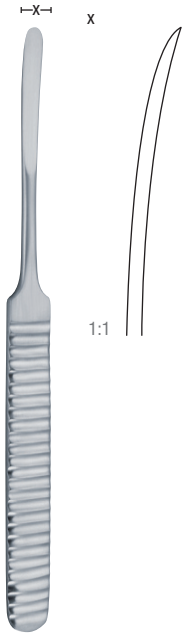




ADSON

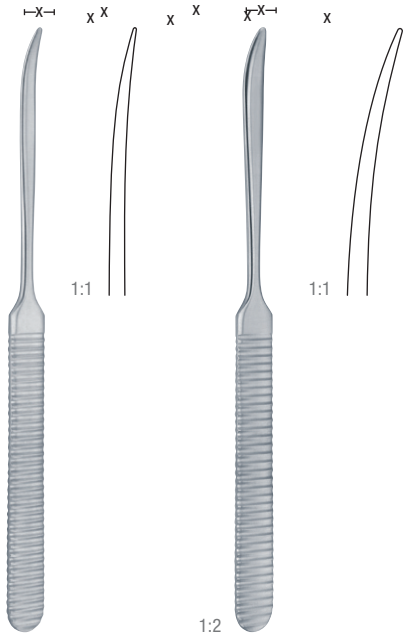
	Fig. 1	Fig. 2	Fig. 3	Fig. 4
170 mm – 6 ¾ "	09-254-170	09-255-170	09-256-170	09-257-170

Raspatorien – elevatorien
Periosteal raspatories – Elevators
Rugines – Elévateurs
Raspatorios – Elevadores
Periostotomi – Elevatori



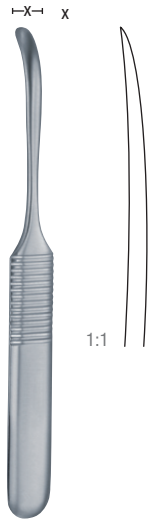
WILLIGER

	160 mm – 6 ¼ "
x = 4 mm	09-258-160
x = 5 mm	09-259-160



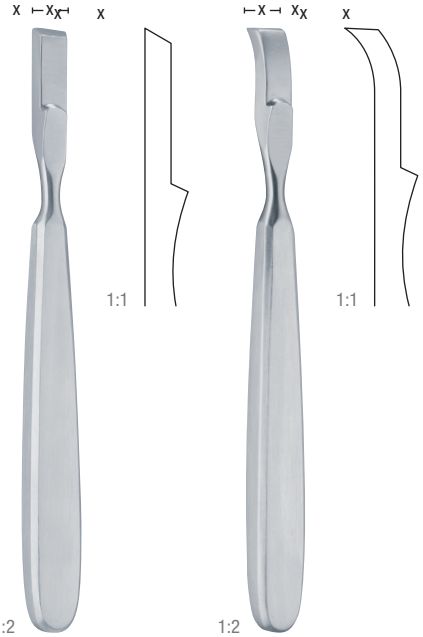
WILLIGER

	x = 5 mm	x = 6.5 mm
160 mm – 6 ¼ "	09-260-160	09-261-170



WILLIGER

	x = 5 mm
130 mm – 5 "	09-263-130



FARABEUF-COLLIN

	x = 11 mm	x = 11 mm
160 mm – 6 ¼ "	09-264-160	09-265-160

Raspatorien – elevatorien
Periosteal raspatories – Elevators

Rugines – Elévateurs
Raspatorios – Elevadores
Periostotomi – Elevatori



OBWEGESER

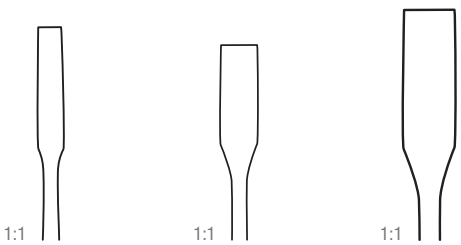
185 mm – 7 ¼ "	09-266-190



OBWEGESER

185 mm – 7 ¼ "	09-267-190





OBWEGESER

	2.5 mm	4 mm	6.5 mm
150 mm – 6 "	09-268-020	09-268-040	09-268-060

Raspatorien – elevatorien
Periosteal raspatories – Elevators
Rugines – Elévateurs
Raspatorios – Elevadores
Periostotomi – Elevatori



SEMB









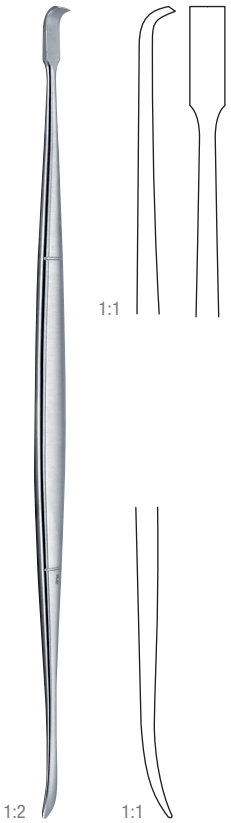




175 mm – 7 "	210 mm – 8 ¼ "	175 mm – 7 "	210 mm – 8 ¼ "	225 mm – 8 ¾ "	220 mm – 8 ¾ "
12 mm	12 mm	13 mm	13 mm	13 mm	15 mm
09-269-010	09-269-020	09-269-030	09-269-040	09-269-050	09-269-090

Raspatorien – elevatorien
Periosteal raspatories – Elevators

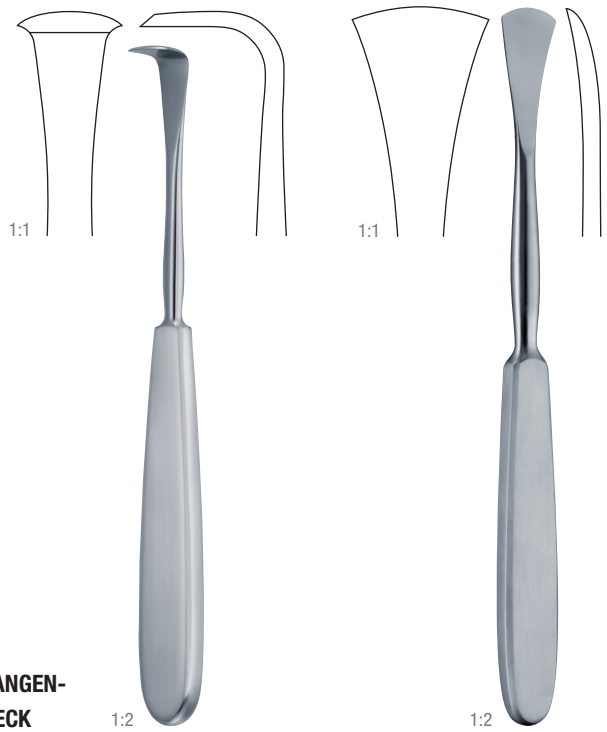
Rugines – Elévateurs
Raspatorios – Elevadores
Periostotomi – Elevatori



HOWARTH

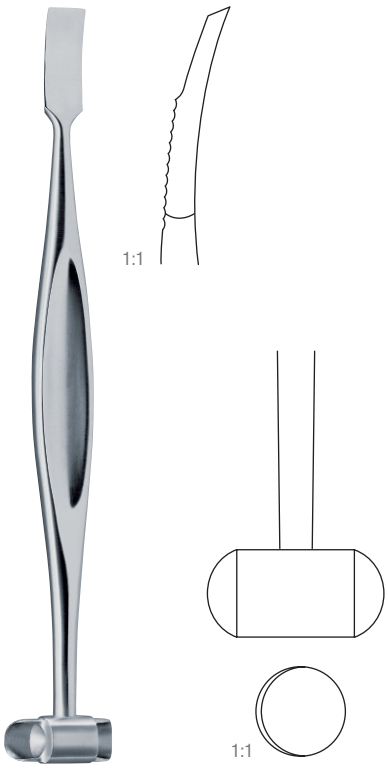
215 mm – 8 ½ "	09-270-210

scharf / stumpf
sharp / blunt
pointu / mousse
aguda / roma
acuta / smussa



LANGEN-BECK

180 mm – 7 "	190 mm – 7 ½ "
09-271-180	09-272-190

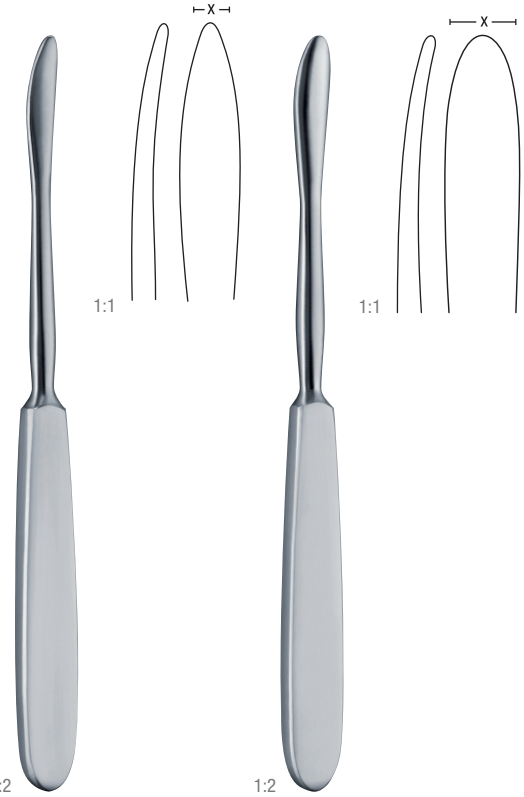


ALEXANDER

160 mm – 6 ¼ "	09-273-160
200 mm – 8 "	09-273-200

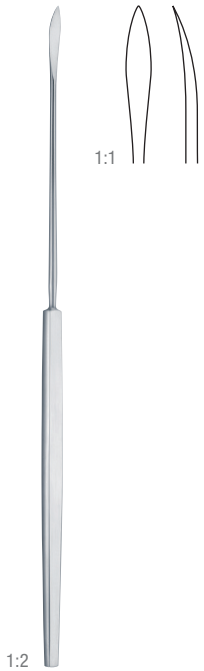
Raspatorien – elevatorien
Periosteal raspatories – Elevators

Rugines – Elévateurs
Raspatorios – Elevadores
Periostotomi – Elevatori



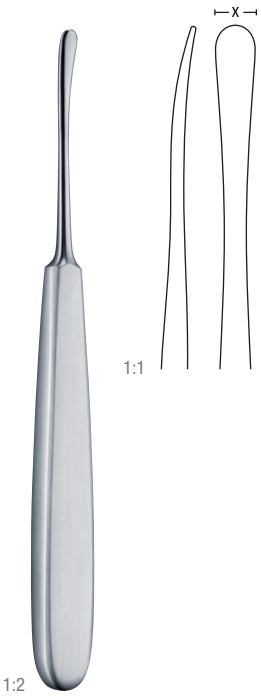
LANGENBECK

	x = 8 mm	x = 10 mm
200 mm – 8 "	09-274-200	09-275-200



175 mm – 7 "	09-276-170

extrem leicht
extremely light
extrémement leger
extremadamente ligero
estremamente legera



SEBILEAU

	x = 5 mm
175 mm – 7 "	09-277-170

Raspatorien – elevatorien
Periosteal raspatories – Elevators
Rugines – Elévateurs
Raspatorios – Elevadores
Periostotomi – Elevatori



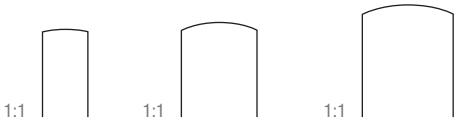
COBB

	290 mm – 11 ½ "
x = 8 mm	09-278-008
x = 10 mm	09-278-010
x = 12 mm	09-278-012
x = 13 mm	09-278-013
x = 19 mm	09-278-019
x = 25 mm	09-278-025

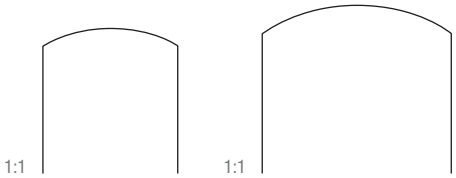
Wirbelsäulen-Raspatorium
Spinal raspatory
Rugine vertebral
Raspador vertebral
Periostotomo vertebrale



KEY



180 mm – 7 "	190 mm – 7 ½ "	190 mm – 7 ½ "
x = 6 mm	x = 9 mm	x = 12 mm
09-279-060	09-279-090	09-279-120



200 mm – 8 "	210 mm – 8 ¼ "
x = 19 mm	x = 25 mm
09-279-190	09-279-250

Raspatorien
Periosteal raspatories
Rugines
Raspatorios
Periostotomi


1:2

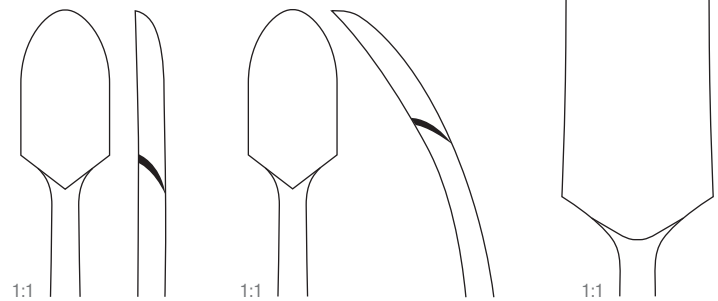

1:1 1:1 1:1

	Fig. 1	Fig. 2	Fig. 3
	14 mm	14 mm	20 mm
200 mm – 8 "	09-280-140	09-281-140	09-282-200

Ferrozellgriff	gerade	gebogen	gerade
Ferrozell handle	straight	curved	straight
Manche en Ferrozell	droit	courbe	droit
Mango en Ferrozell	recta	curva	recta
Manico di Ferrozell	retto	curvo	retto


1:2

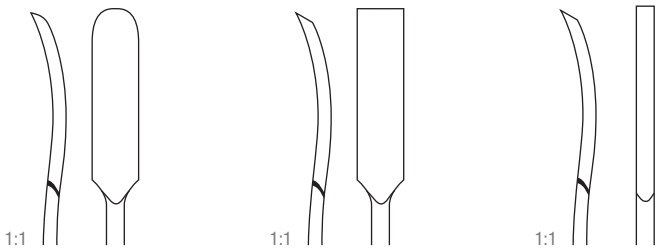

1:1 1:1 1:1

	Fig. 1	Fig. 2	Fig. 3
	6 mm	3 mm	6 mm
180 mm – 7 "	09-283-060	09-284-060	09-285-030

Ferrozellgriff
Ferrozell handle
Manche en Ferrozell
Mango en Ferrozell
Manico di Ferrozell

Knochenhebel
Bone levers

Leviers à os
Elevadores para huesos
Elevatori per ossa



HOHMANN

220 mm – 8 ¾ "	240 mm – 9 ½ "	240 mm – 9 ½ "	240 mm – 9 ½ "
x = 8 mm	x = 18 mm	x = 43 mm	x = 70 mm
09-286-008	09-286-018	09-286-043	09-286-070

Knochenhebel
Bone levers

Leviers à os
Elevadores para huesos
Elevatori per ossa



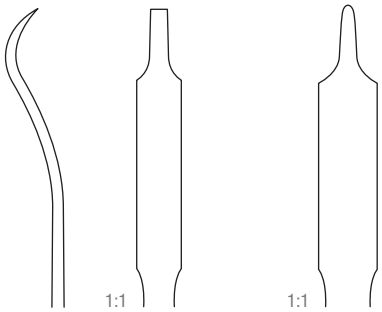
HOHMANN

245 mm – 9 ¾ "	260 mm – 10 ¼ "	280 mm – 11 "	265 mm – 10 ½ "	260 mm – 10 ¼ "
x = 43 mm	x = 22 mm	x = 33 mm	x = 24 mm	x = 22 mm
09-287-043	09-287-022	09-287-033	09-288-240	09-289-220

Knochenhebel
Bone levers
Leviers à os
Elevadores para huesos
Elevatori per ossa



MINI-HOHMANN



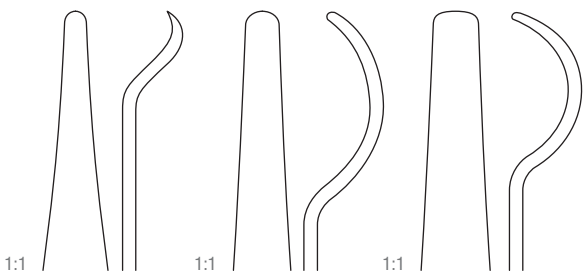
	6 mm	8 mm
160 mm – 6 ¼"	09-290-006	09-290-008



BRISTOW

230 mm – 9 "	09-291-230





	2.8 mm	4.5 mm	6 mm
140 mm – 5 ½ "	09-292-050	09-292-060	09-292-065



LANE

210 mm – 8 ¼ "	09-293-270

Knochenhebel
Bone levers

Leviers à os
Elevadores para huesos
Elevatori per ossa



1:2

BENNETT

	240 mm – 9 ½ "
x = 43 mm	09-294-240
x = 60 mm	09-295-710



1:2

18 mm

MURPHY-LANE

340 mm – 13 ½ "	09-296-300

Luxationshebel
Luxation lever
Levier de luxation
Palanca de luxación
Leva per luxazione

Knochenhebel
Bone levers
Leviers à os
Elevadores para huesos
Elevatori per ossa



BLOUNT

1:2 1:2

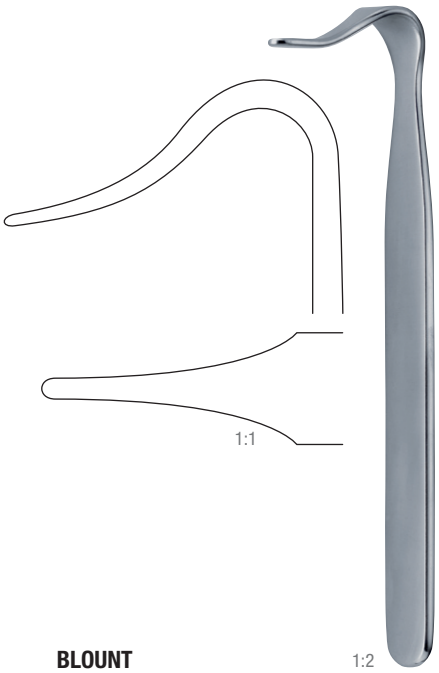
260 mm – 10 ¼ "	09-297-260	09-298-260



LANGE-HOHMANN MOD.

265 mm – 10 ½ "	280 mm – 11 "
x = 30 mm	x = 33 mm
09-299-300	09-299-340

Knochenhebel
Bone levers
Leviers à os
Elevadores para huesos
Elevatori per ossa



BLOUNT 1:2

175 mm – 7 "	09-300-170



TAYLOR

	165 mm – 6 ½ "
a = 75 mm – b = 30 mm	09-301-160
a = 100 mm – b = 30 mm	09-302-160

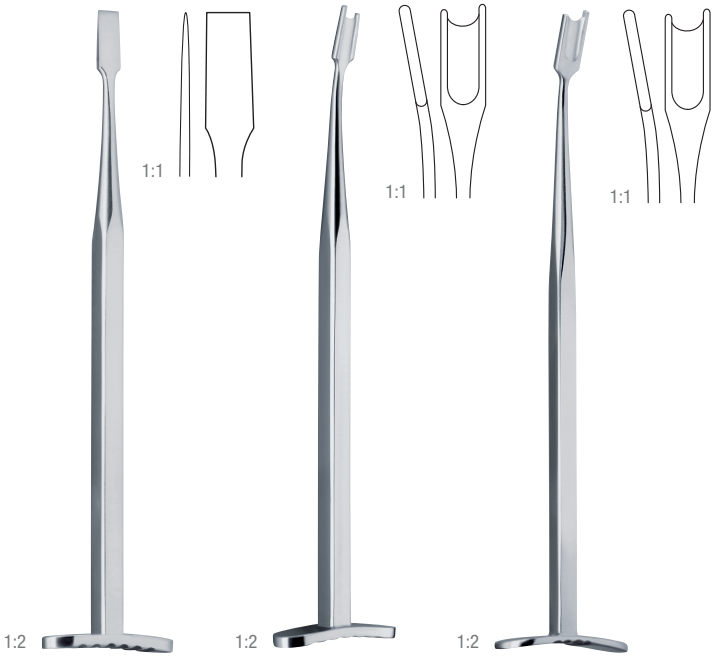
meniskotome
Meniscotomy knives

Bistouries à ménisques
Bisturíes para meniscós
Bisturi per menisco



BIRCHER

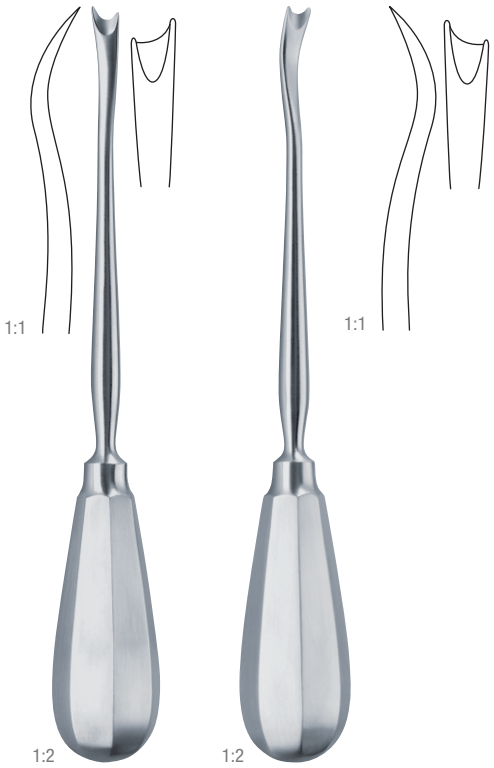
190 mm – 7 ½ "	09-303-190



SMILLIE

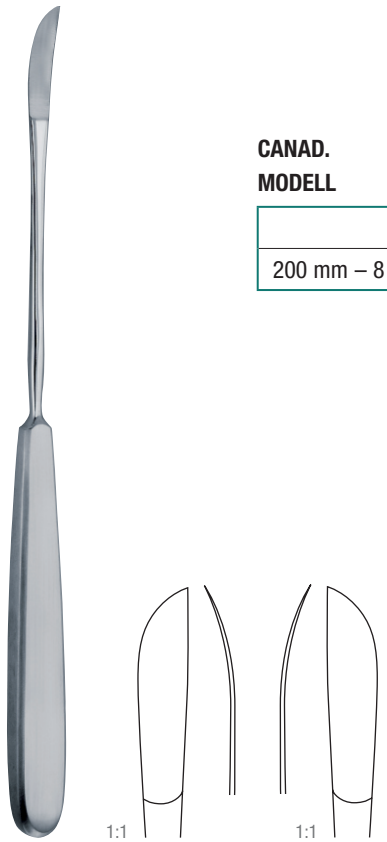
170 mm – 6 ¾ "	09-304-001	09-304-002	09-304-003

meniskotome
Meniscotomy knives
Bistouries à ménisques
Bisturíes para meniscós
Bisturi per menisco



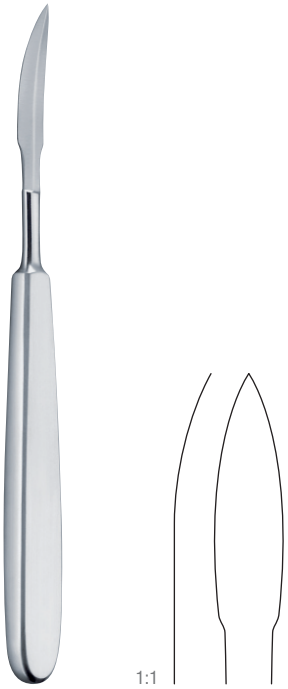
CANAD. MODELL

	Fig. 1	Fig. 2
200 mm – 8 "	09-305-200	09-306-200



NEFF

	links lvra	rechts right droite derecha destra
220 mm – 8 ¾ "	09-307-220	09-308-220



180 mm – 7 "	09-309-175

Sehnenfasszangen
Tendon strippers

Instruments à écorcher les tendons
Enucleadores de tendones
Scollatendini


1:2

1:1 1:1 1:1

	4.0 mm Ø	4.5 mm Ø	5.5 mm Ø
230 mm – 9 "	09-310-400	09-310-450	09-310-550

Schaft biegsam
Malleable shaft
Tige malléable
Flecha maleable
Asta malleabile


1:2

BUNNELL

1:1 1:1 1:1

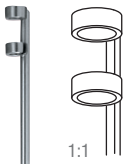
	Fig. 1	Fig. 2	Fig. 3
150 mm – 6 "	09-311-001	09-311-002	09-311-003

1:1 1:1

Fig. 4	Fig. 5
09-311-004	09-311-005

Sehnenstripper
Tendon strippers

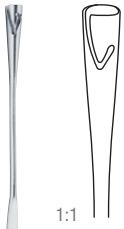
Instruments à écorcher les tendons
Enucleadores de tendones
Scollatendini





FISCHER

310 mm – 12 ¼ "	09-312-310

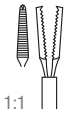




BUNNELL

230 mm – 9 "
09-313-230

Sehnendurchzugsonde
Tendon passer
Sonde conductrice pour tendons
Sonda conductora de tendones
Sonda conduttrice per tendini



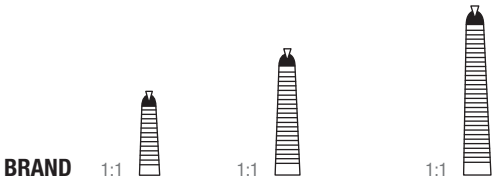
KLEINERT-KUTZ

200 mm – 8 "
20 mm Ø
09-314-200

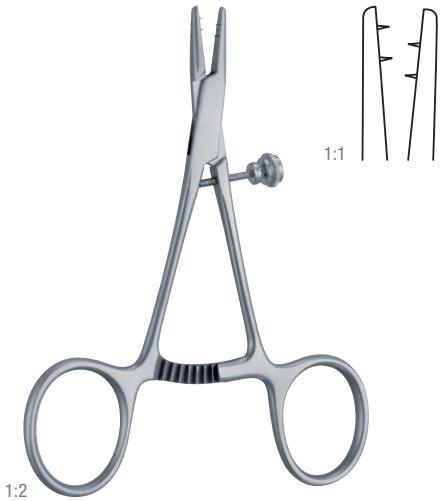
Sehnenfasszangen
Tendon holding forceps

Pinces pour saisir les tendons
Pinzas para coger tendones
Pinze per afferrare tendini





BRAND		
150 mm – 6 "	190 mm – 7 1/2 "	240 mm – 9 1/2 "
09-315-150	09-315-190	09-315-240



130 mm – 5 "	09-316-130



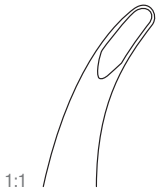
150 mm – 6 "	09-317-150	09-318-150

Hohlmeißelzangen
Bone rongeurs

Pinces gouges
Pinzas gubias
Pinze sgorbie


1:2

LUER


1:1

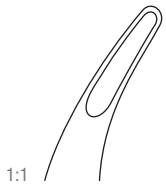
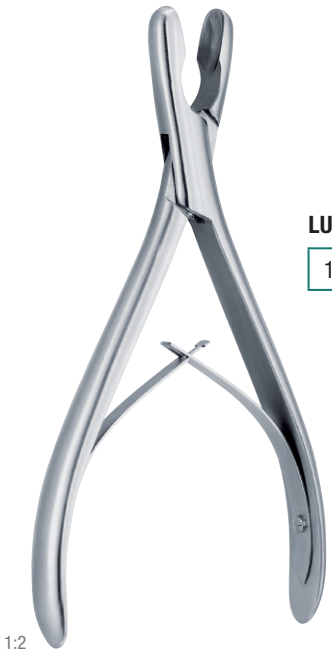
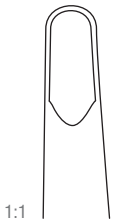
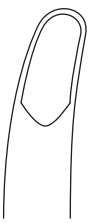

1:1

	Fig. 1	Fig. 2
150 mm – 6 "	09-319-150	09-320-150


1:2

LUER


1:1


1:1

170 mm – 6 ¾ "	09-321-170	09-322-170


1:2

1:1

MINI-
FRIEDMANN

120 mm – 4 ¾ "	09-323-120


1:2

1:1

FRIEDMANN

140 mm – 5 ½ "	09-324-140

Hohlmeißelzangen
Bone rongeurs

Pinces gouges
Pinzas gubias
Pinze sgorbie



1:2

BLUMENTHAL



	Fig. 1	Fig. 2	Fig. 3
155 mm – 6 "	09-325-155	09-326-155	09-327-155



1:2

JANSEN

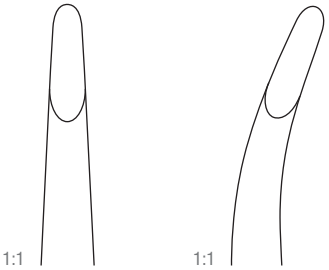
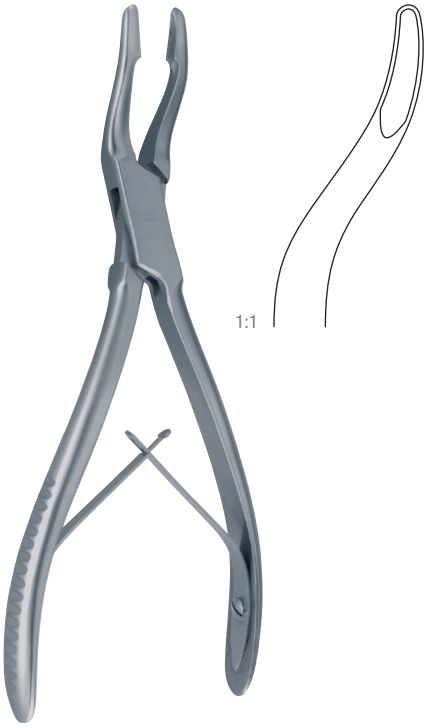


	Fig. 1	Fig. 2
180 mm – 7 "	09-328-180	09-329-180

Hohlmeißelzangen
Bone rongeurs
Pinces gouges
Pinzas gubias
Pinze sgorbie



JANSEN 1:2

190 mm – 7½ "	332-163-190



ADSON 1:2

200 mm – 8 "	332-138-200



1:2

BACON

210 mm – 8¼ "	09-332-200

Hohlmeißelzangen
Bone rongeurs

Pinces gouges
Pinzas gubias
Pinze sgorbie

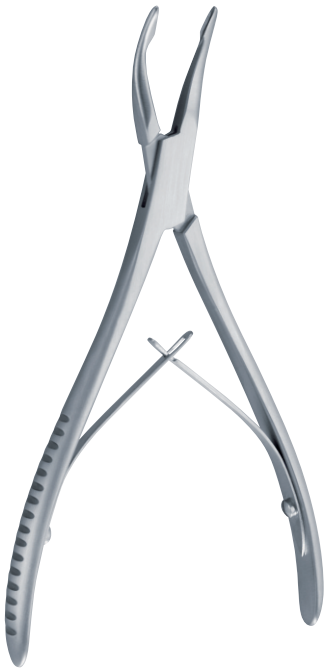


LEMPERT





160 mm – 6 ¼ "	09-333-160	09-334-160
190 mm – 7 ½ "	09-335-190	09-336-180



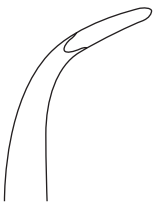
1:2

STELLBRINK

1:1



1:1



175 mm – 7 "	09-337-170	09-338-170
	leicht gebogen slightly curved légèrement courbe ligeramente curvada legermente curvata	stark gebogen strongly curved très courbe fuertemente curvada fortemente curvata

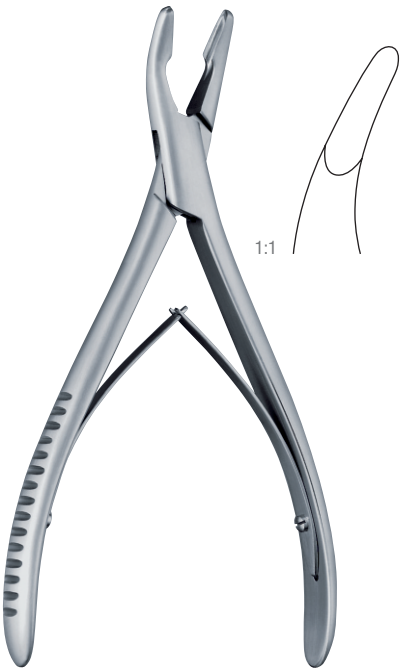
Hohlmeißelzangen
Bone rongeurs

Pinces gouges
Pinzas gubias
Pinze sgorbie



OLIVECRONA 1:2

205 mm – 8 "	09-339-200

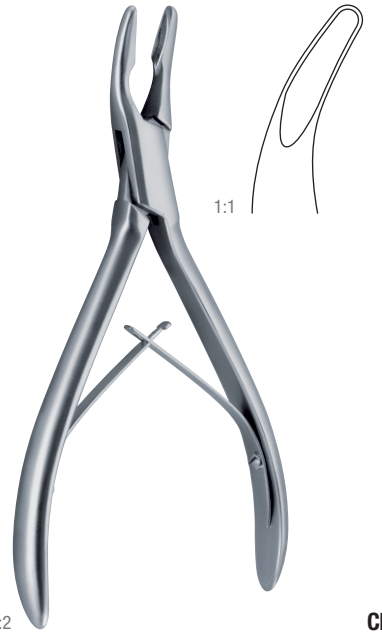


HARTMANN

175 mm – 7 "	09-340-180

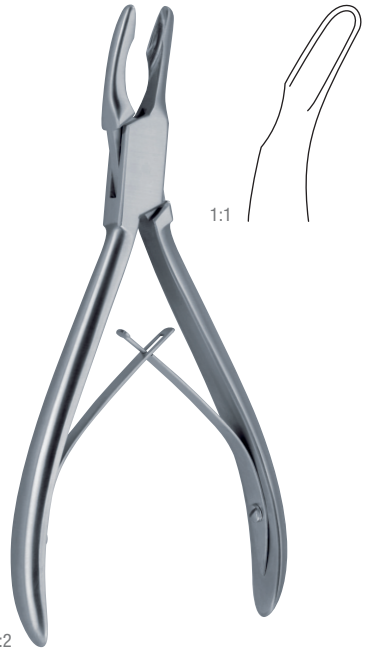
Hohlmeißelzangen
Bone rongeurs

Pinces gouges
Pinzas gubias
Pinze sgorbie



MEAD 1:2

165 mm – 6 ½ "	09-341-165



CLEVELAND 1:2

170 mm – 6 ¾ "	09-342-170



CLEVELAND 1:2

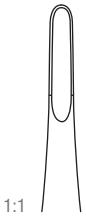
140 mm – 5 ½ "	09-343-140

Hohlmeißelzangen
Bone rongeurs

Pinces gouges
Pinzas gubias
Pinze sgorbie



1:2



1:1



1:1

BÖHLER

150 mm – 6 "	09-344-150	09-345-155



1:2



1:1

ZAUFAL-JANSEN

180 mm – 7 "	09-346-180



1:2

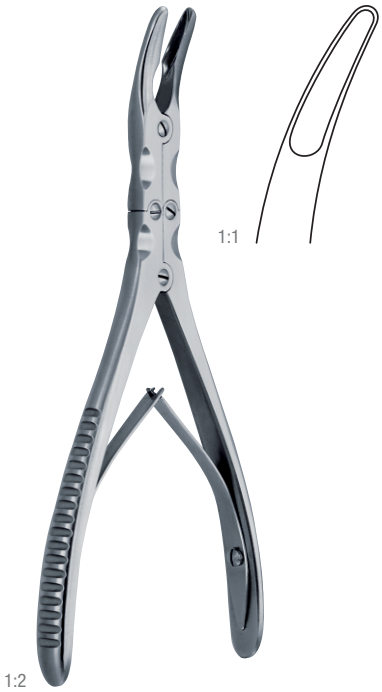
1:1

MARQUARDT

200 mm – 8 "	09-347-200

Hohlmeißelzangen
Bone rongeurs

Pinces gouges
Pinzas gubias
Pinze sgorbie



BEYER

180 mm – 7 "	09-348-180



RUSKIN

180 mm – 7 "	09-349-180	09-350-180



MAYFIELD

175 mm – 7 "	09-351-170

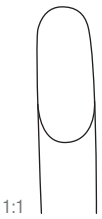
Hohlmeißelzangen
Bone rongeurs

Pinces gouges
Pinzas gubias
Pinze sgorbie

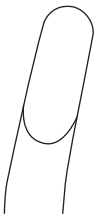


1:2

STILLE-RUSKIN



1:1



1:1

230 mm – 9 "	09-352-230	09-353-230



1:2

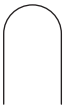
STILLE



1:1



1:1



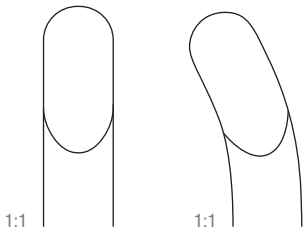
1:1

	4 mm	6 mm	8 mm
230 mm – 9 "	09-354-230	09-355-230	09-356-230

Hohlmeißelzangen
Bone rongeurs

Pinces gouges
Pinzas gubias
Pinze sgorbie


1:2


1:1 1:1

STILLE-LUER

220 mm – 8 ¾ "	09-357-220	09-358-220


1:2


1:1 1:1 1:1

LEKSELL

	4 mm	5 mm	8 mm
240 mm – 9 ½ "	09-359-040	09-359-050	09-359-080

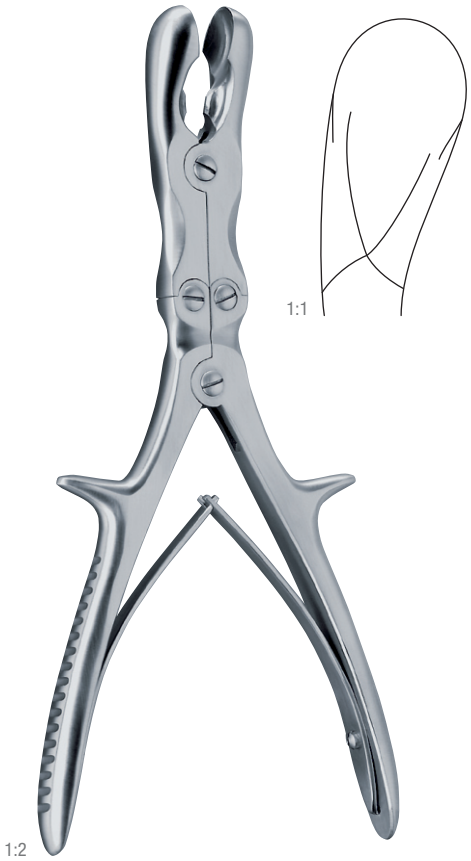
Hohlmeißelzangen
Bone rongeurs

Pinces gouges
Pinzas gubias
Pinze sgorbie



RÖTTGEN-
RUSKIN

230 mm – 9 "	09-350-230



SEMB

225 mm – 9 "	09-360-220

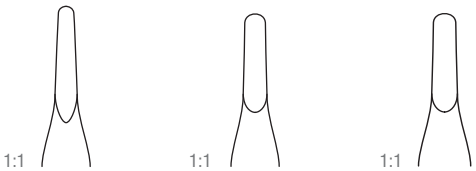
Hohlmeißelzangen
Bone rongeurs

Pinces gouges
Pinzas gubias
Pinze sgorbie



1:2

ECHLIN



1:1 1:1 1:1

	2 mm	3 mm	4 mm
230 mm – 9 "	09-361-020	09-361-030	09-361-040



1:2

FRYKHOLM



1:1

240 mm – 9 ½ "	09-362-240

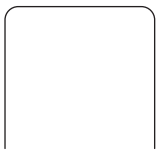
Hohlmeißelzangen
Bone rongeurs

Pinces gouges
Pinzas gubias
Pinze sgorbie

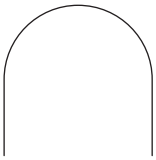


1:2

SAUERBRUCH

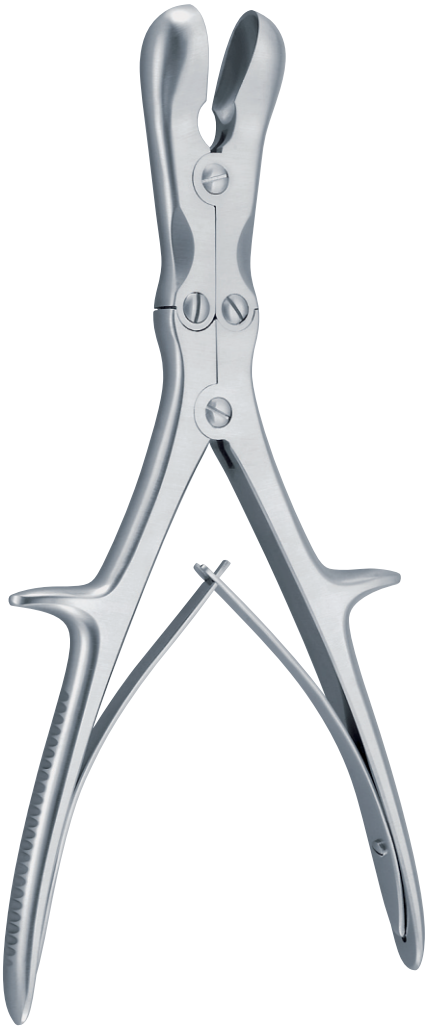


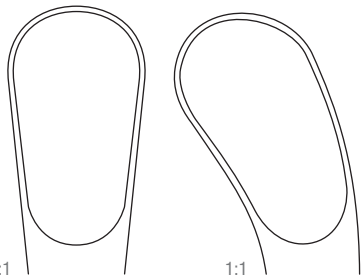
1:1



1:1

	Fig. 1	Fig. 2
300 mm – 12 "	09-363-300	09-364-300





1:1

1:1

LUER-STILLE

230 mm – 9 "	09-365-230	09-366-230
270 mm – 10 ¾ "	09-365-270	09-366-270

Knochensplitterzangen
Bone cutting forceps
Pinces coupantes à os
Pinzas cortantes para huesos
Cesoie per ossa



1:2



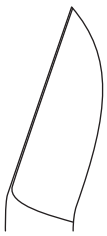
1:1

COTTLE-KAZANJIAN

190 mm – 7 ½ "	09-367-190







LISTON

140 mm – 5 ½ "	09-368-140	09-369-140
170 mm – 6 ¾ "	09-368-170	09-369-170
190 mm – 7 ½ "	09-368-190	09-369-190
220 mm – 8 ¾ "	09-368-220	09-369-220

Knochensplitterzangen
Bone cutting forceps

Pinces coupantes à os
Pinzas cortantes para huesos
Cesoie per ossa



1:2



1:1



1:1

BÖHLER

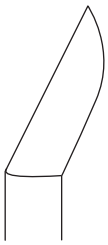
150 mm – 6 "	09-370-150	09-371-150



1:2



1:1



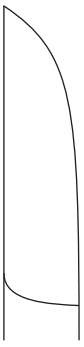
1:1

RUSKIN-LISTON

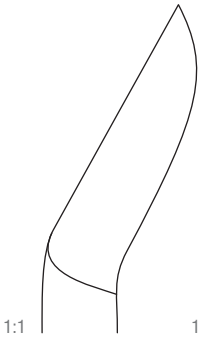
185 mm – 7 ¼ "	09-372-185	09-373-185



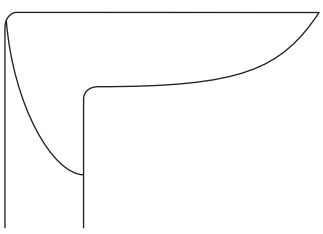
1:2



1:1



1:1



1:1

STILLE-LISTON

270 mm – 10 ¾ "	09-374-270	09-375-270	09-376-270

Knochensplitterzangen
Bone cutting forceps

Pinces coupantes à os
Pinzas cortantes para huesos
Cesoie per ossa



SEMB

240 mm – 9 ½ "	09-377-240



LISTON-KEY HORSLEY

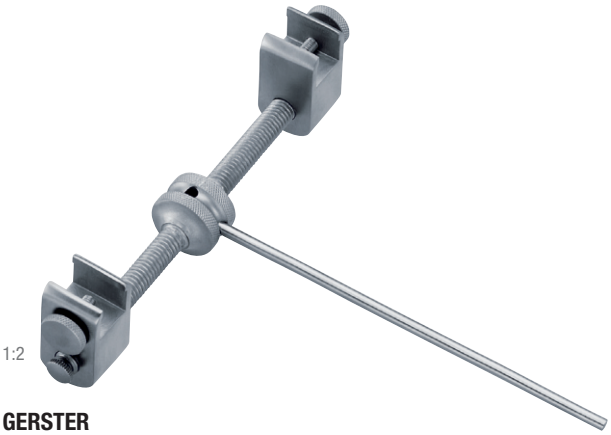
270 mm – 10 ¾ "	09-378-270

Knochenhalteklammern – Knochenhaltezangen
Bone holding clamps – Bone holding forceps
Daviers à os – Daviers porte-os
Pinzas porta huesos – Pinzas para huesos
Tenaglie per ossa



GERSTER-LOWMANN

130 mm – 5 "	x = 22 mm	09-379-130
180 mm – 7 "	x = 28 mm	09-379-180
200 mm – 8 "	x = 35 mm	09-379-200
220 mm – 8 ¾ "	x = 40 mm	09-379-220



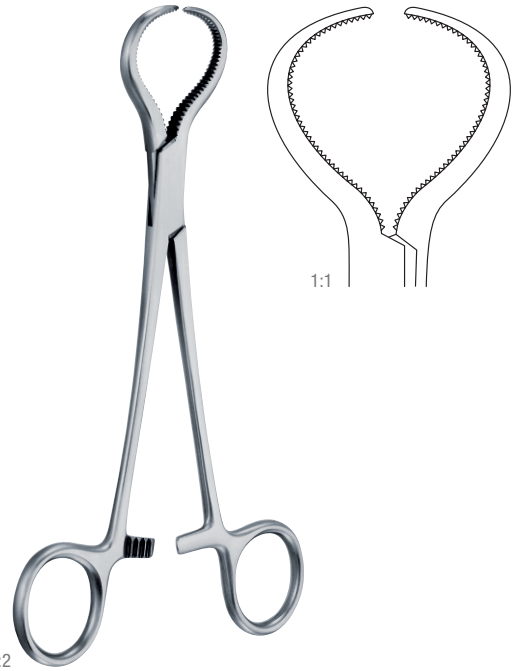
GERSTER

150 mm – 6 "	09-380-150

Knochenhaltezangen – Repositionszangen
Bone holding forceps – Reposition forceps
Daviers porte-os – Pinces de reposition
Pinzas para huesos – Pinzas para reposición
Tenaglie per ossa – Pinze per riposizioni

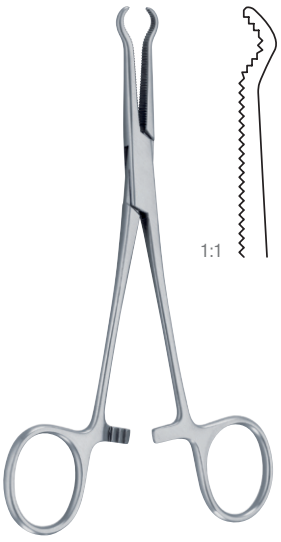


135 mm – 5 ¼ "	09-381-140



LEWIN

175 mm – 7 "	09-382-175



140 mm – 5 ½ "	09-383-140

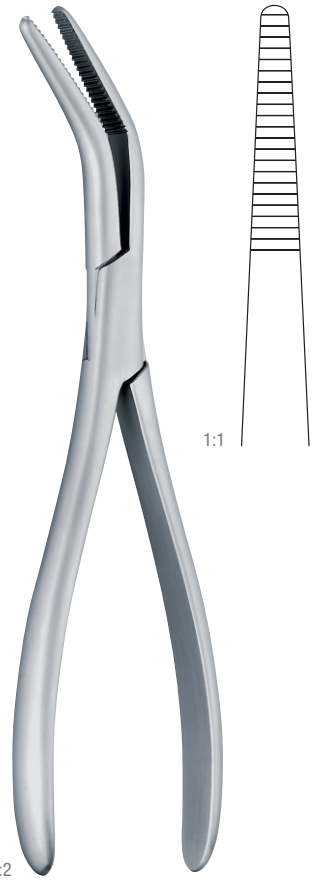
Knochenhalteklammern – Knochenhaltezangen
Bone holding clamps – Bone holding forceps

Daviers à os – Daviers porte-os
Pinzas porta huesos – Pinzas para huesos
Tenaglie per ossa



FERGUSSON 1:2

210 mm – 8 ¼ "	09-384-210



VAN BUREN 1:2

230 mm – 9 "	09-385-230

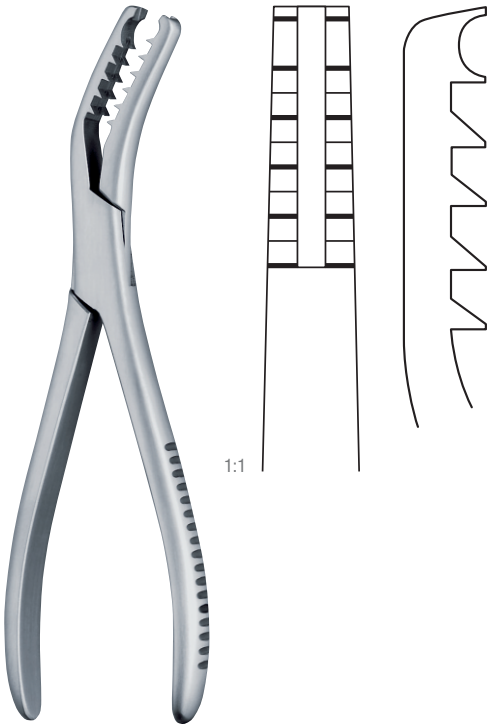
Knochenhaltezangen
Bone holding forceps

Daviers porte-os
Pinzas para huesos
Tenaglie per ossa



LANGENBECK 1:2

210 mm – 8 ¼ "	09-386-210

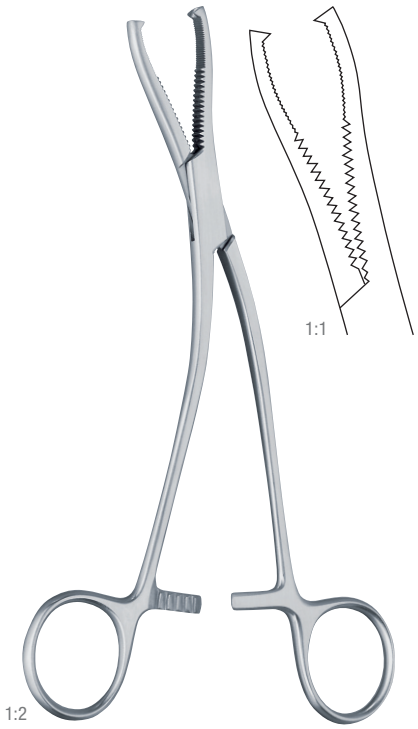


SEMB 1:2

190 mm – 7 ½ "	09-387-190

Knochenhaltezangen
Bone holding forceps

Daviers porte-os
Pinzas para huesos
Tenaglie per ossa



DINGMANN

190 mm – 7 ½ "	09-388-190

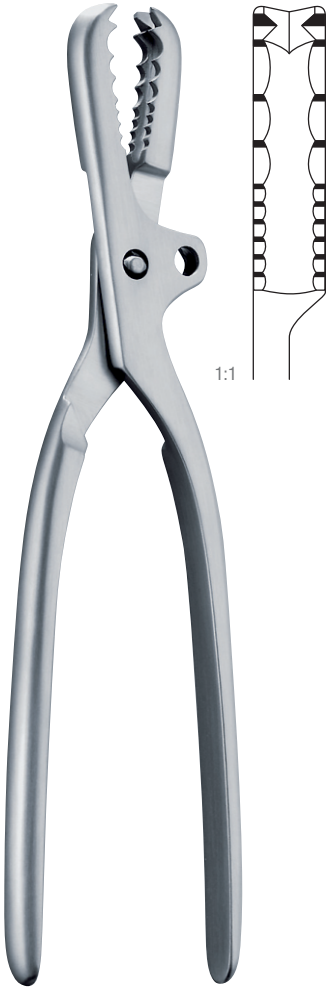


200 mm – 8 "	09-389-200	09-390-200

Sequesterzange
Sequestrum forceps
Pince pour Sequestrum
Pinza para Sequestrum
Pinza per Sequestrum

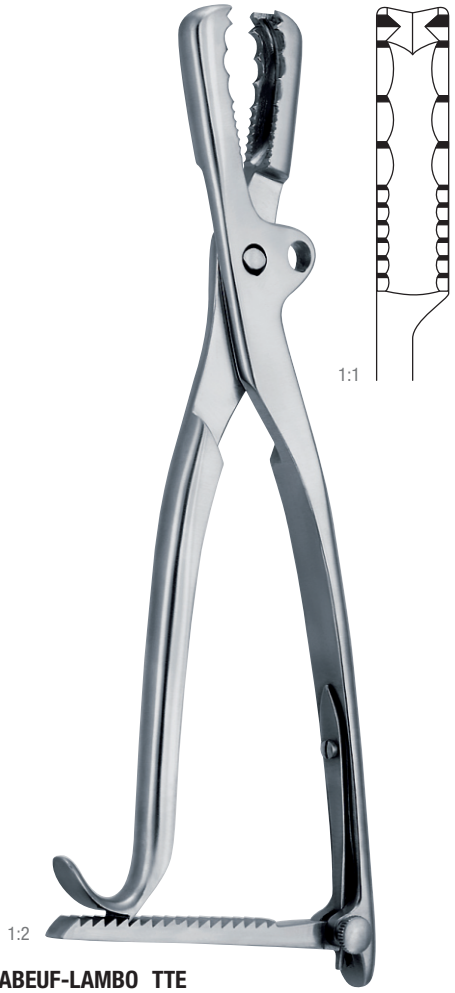
Knochenhaltezangen
Bone holding forceps

Daviers porte-os
Pinzas para huesos
Tenaglie per ossa



FARABEUF

230 mm – 9 "	09-391-230
260 mm – 10 ¼ "	09-391-260



FARABEUF-LAMBO TTE

260 mm – 10 ¼ "	09-392-260

Knochenhaltezangen
Bone holding forceps

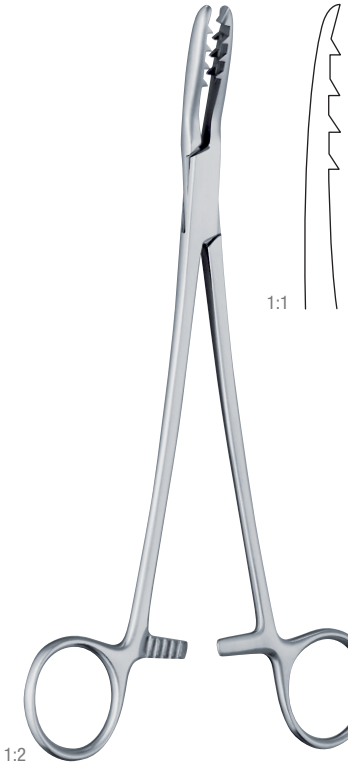
Daviers porte-os
Pinzas para huesos
Tenaglie per ossa





MARTIN

160 mm – 6 ½ "	09-393-160
190 mm – 7 ½ "	09-393-190



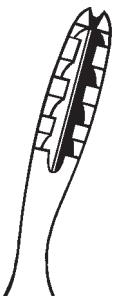
1:2

1:1

BIRCHER-GANSKE



1:1



1:1

200 mm – 8 "	09-394-200	09-395-200

Knochenhaltezangen
Bone holding forceps

Daviers porte-os
Pinzas para huesos
Tenaglie per ossa



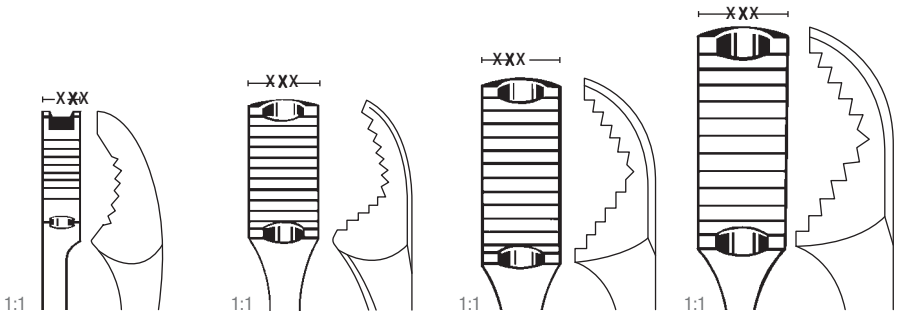
HEY GROVES

210 mm – 8 ¼ "	x = 6.5 mm	09-396-210
270 mm – 10 ¾ "	x = 7.5 mm	09-396-270
305 mm – 12 "	x = 8.5 mm	09-396-305

Knochenhaltezangen
Bone holding forceps

Daviers porte-os
Pinzas para huesos
Tenaglie per ossa





VERBRUGGE

175 mm – 7 "	250 mm – 10 "	260 mm – 10 ¼ "	270 mm – 10 ¾ "
x = 5.0 mm	x = 9.5 mm	x = 10.5 mm	x = 12.0 mm
09-397-175	09-397-250	09-397-260	09-397-270

Knochenhaltezangen
Bone holding forceps

Daviers porte-os
Pinzas para huesos
Tenaglie per ossa





KERN

170 mm – 6 ¾ "	09-398-170	09-399-170
210 mm – 8 ¼ "	09-398-210	09-399-210

Knochenhaltezangen
Bone holding forceps

Daviers porte-os
Pinzas para huesos
Tenaglie per ossa

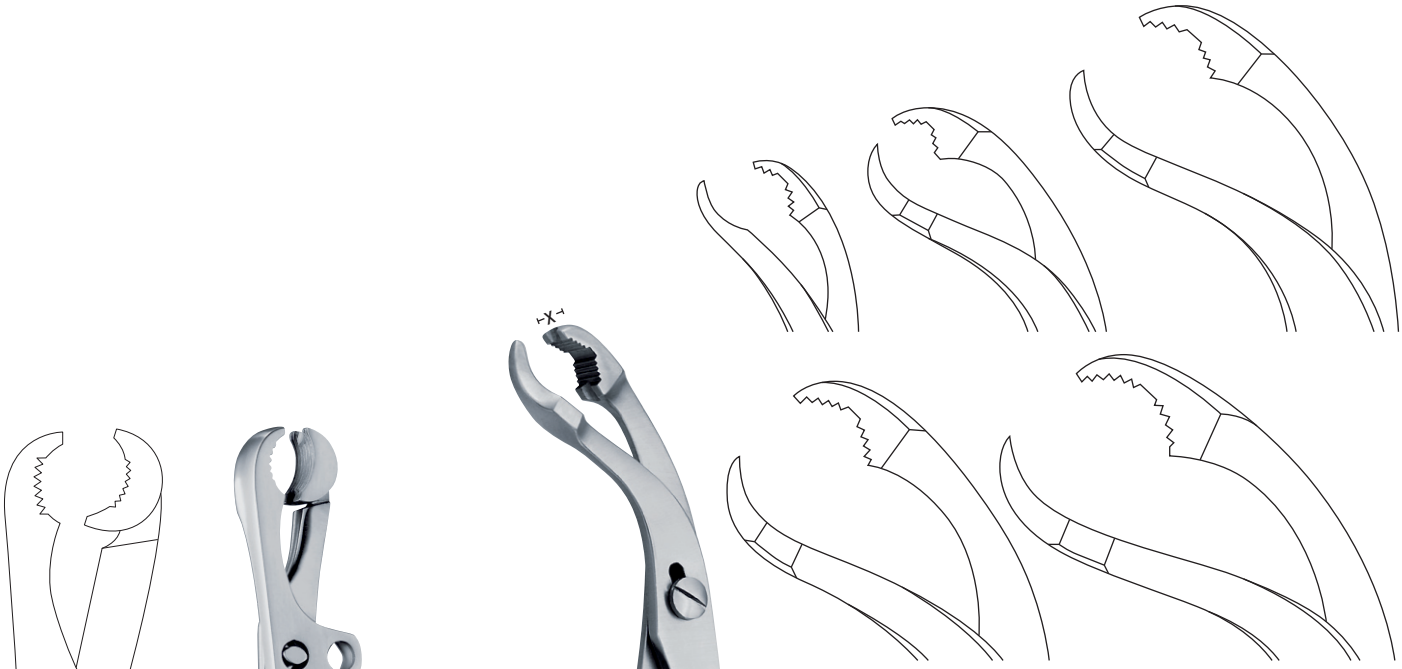


LANE

330 mm – 13 "	09-400-330	09-401-330
450 mm – 17 ¾ "	09-400-450	09-401-450

Knochenhaltezangen
Bone holding forceps

Daviers porte-os
Pinzas para huesos
Tenaglie per ossa





LAMBOTTE

220 mm – 8 ¾ "	09-402-220
270 mm – 10 ¾ "	09-402-270
300 mm – 12 "	09-402-300

ein Maulteil beweglich
one jaw mobile
un mors mobile
una boca movible
una parte del morso mobile



150 mm – 6 "	x = 2.5 mm	09-403-150
190 mm – 7 ½ "	x = 6.5 mm	09-403-190
240 mm – 9 ½ "	x = 9.5 mm	09-403-240
260 mm – 10 ¼ "	x = 10.0 mm	09-403-260
280 mm – 11 "	x = 11.0 mm	09-403-280

selbstzentrierend
self-centering
auto-centreur
autocentrante
autocentrante

Knochenhaltezangen
Bone holding forceps

Daviers porte-os
Pinzas para huesos
Tenaglie per ossa



ULRICH

230 mm – 9 "	09-404-230	09-406-230
250 mm – 9 ¾ "	09-404-250	09-406-250
280 mm – 11 "	09-404-280	09-406-280

kniegebogen
angular
coudée
acodada
angolata



160 mm – 6 ¼ "	09-405-160
240 mm – 9 ½ "	09-405-240

Knochenhaltezangen – Repositionszangen
Bone holding forceps – Reposition forceps
Daviers porte-os – Pinces de reposition
Pinzas para huesos – Pinzas para reposición
Tenaglie per ossa – Pinze per riposizione

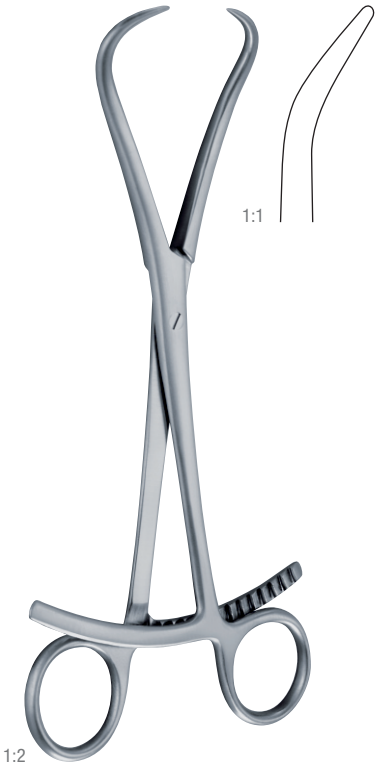

1:2

135 mm – 5 ¼ "	09-407-135


1:1
1:2

REILL

170 mm – 6 ¾ "	09-408-170


1:1
1:2

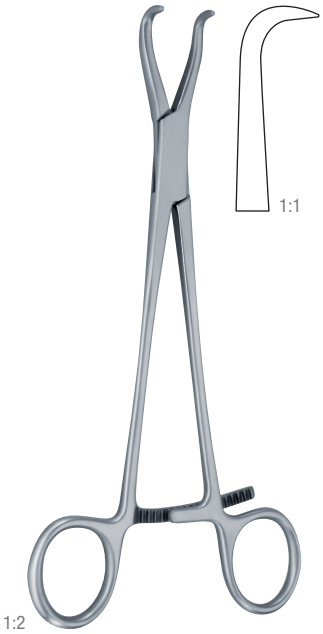
200 mm – 8 "	09-409-200


1:1
1:2

135 mm – 5¼"	09-410-135

für Kieferreposition
for maxillary reposition
pour reposition mandibulaire
para reposición mandibular
per reposizione mandibulare

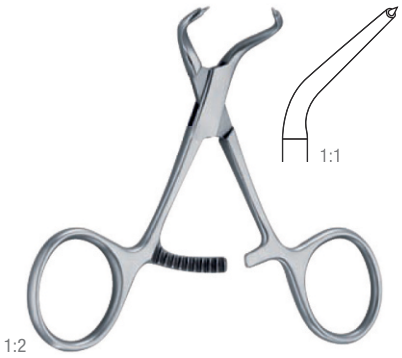
Repositionszangen
Reposition forceps
Pinces de reposition
Pinzas para reposición
Pinze per riposizione



HAASE

165 mm – 6½"	09-411-165

für Unterkieferfrakturen
for mandibular fractures
pour fractures mandibulaires
para fracturas del mandíbulo
per fratture mandibulare



95 mm – 3¾"	09-412-095



185 mm – 7¼"	09-413-180

Patellazange
Patella forceps
Pince pour la rotule
Pinza para la rótula
Pinza per rotula



210 mm – 8¼"	09-414-210

Knöchelfasszange
Malleolar forceps
Pince pour la malléole
Pinza para el maleólo
Pinza per malleolo

draht-instrumentarium
Wire instruments

Instruments pour cerclage
Instrumental para cerclaje
Strumenti per filo di cerchiaggio



DEMEL 1:2

	280 mm – 11 "
x = 32 mm	09-415-010
x = 45 mm	09-415-020
x = 62 mm	09-415-030



DEMEL 1:2

280 mm – 11 "	09-416-280

draht-instrumentarium
Wire instruments

Instruments pour cerclage
Instrumental para cerclaje
Strumenti per filo di cerchiaggio



1:2

LOUTE

210 mm – 8 ¼ "	09-417-210



0.2 mm Ø	09-418-020
0.3 mm Ø	09-418-030
0.4 mm Ø	09-418-040
0.5 mm Ø	09-418-050
0.6 mm Ø	09-418-060
0.7 mm Ø	09-418-070
0.8 mm Ø	09-418-080
0.9 mm Ø	09-418-090
1.0 mm Ø	09-418-100
1.2 mm Ø	09-418-120
1.5 mm Ø	09-418-150

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



1:2

130 mm – 5 "
09-419-000

drahtschneidezangen
Wire cutting forceps

Pinces coupantes
Alicates para cortar alambre
Pinze taglia filo

TC



	TC
470 mm – 18 ½ "	09-421-470
570 mm – 22 ½ "	09-421-560

für Kirschner Drähte und Steinmann Nägel bis 6 mm Ø
for Kirschner wires and Steinmann pins up to 6 mm Ø
pour des broches Kirschner et clous Steinmann à 6 mm Ø
para agujas de Kirschner y clavos de Steinmann hasta 6 mm Ø
per fili Kirschner e chiodi Steinmann fino a 6 mm Ø



1:2

185 cm – 7 ¼ "	09-420-180

Kopfschneider, durchbohrt für harte Drähte bis 1.6 mm Ø
Wire cutting forceps for hard wires up to 1.6 mm Ø
Pince coupante pour fils durs à 1.6 mm Ø
Alicate para alambres duros hasta 1.6 mm Ø
Pinza taglia fili per fili duri fino a 1.6 mm Ø

TC
09-421-470/1

Hartmetallplättchen alleine
tungsten carbide inlay only
plaquettes de carbure de tungstene
inserto de carburo de tungsteno
inserti carburo di tungsteno

drahtschneidezangen
Wire cutting forceps

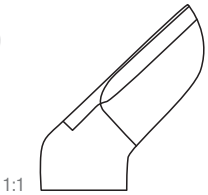
Pinces coupantes
Alicates para cortar alambre
Pinze taglia filo

TC



	TC
220 mm – 8 ¾ "	09-422-220

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


1:1

1:2

	TC
220 mm – 8 ¾ "	09-423-220

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


1:2

	TC
230 mm – 9 "	09-424-230

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

TC



REILL 1:2

	TC
180 mm – 7 "	09-425-170

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 mmØ, y alambres blandos de 2 mm Ø
per fili duri fina 1.5 mm Ø, per fili duri morbidi fino a 2 mm Ø



1:2

	TC
180 mm – 7 "	09-426-180

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



1:2

	TC
150 mm – 6 "	09-427-150

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



1:2

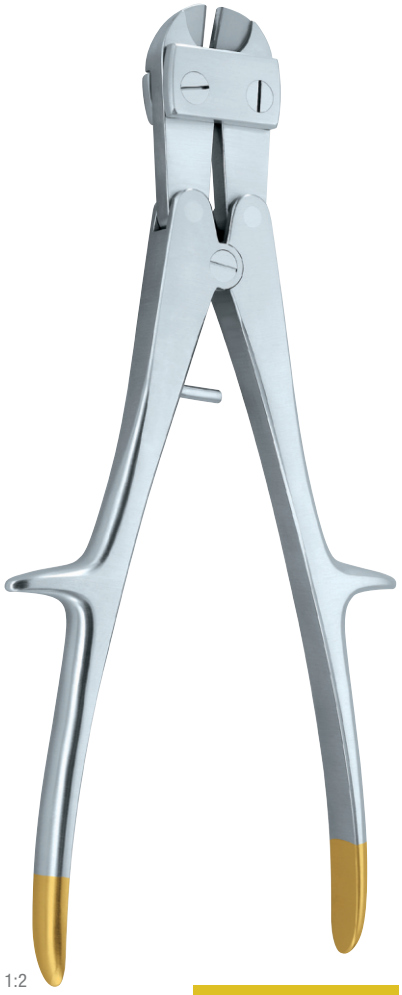
	TC
145 mm – 5 ¾ "	09-428-140

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

drahtschneidezangen
Wire cutting forceps

Pinces coupantes
Alicates para cortar alambre
Pinze taglia filo

TC



1:2

	TC
260 mm – 10 ¼ "	09-429-260

für harte Drähte bis 3 mm Ø
for hard wires up to 3 mm Ø
pour fils durs à 3 mm Ø
para alambres duros hasta 3 mm Ø
per fili duri fino a 3 mm Ø

Technis che zangent
Technical forceps
Pinces téchniques
Pinzas técnicas
Pinze tecniche

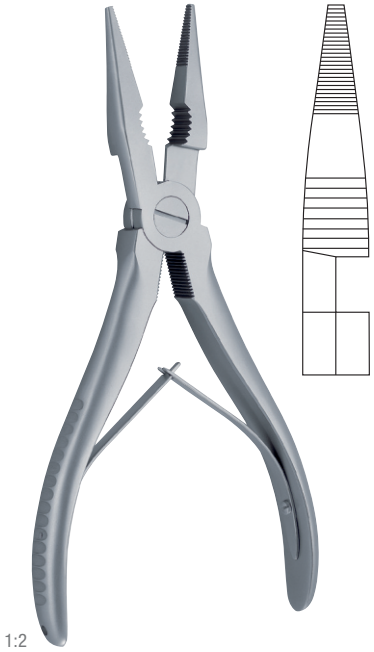


130 mm – 5 "	09-430-130
180 mm – 7 "	09-430-180



130 mm – 5 "	09-431-130
170 mm – 6 ¾ "	09-431-170

technische zangen
Technical forceps
Pinces téchniques
Pinzas técnicas
Pinze tecniche



1:2

170 mm – 6 ¾ "	09-432-170



1:2

190 mm – 7 ½ "	09-433-190

Technische Zange, verstellbar
Technical forceps, adjustable
Pince téchnique, ajustable
Pinza técnica, ajustable
Pinza tecnica, regolabile

Technis che zangent
Technical forceps
Pinces téchniques
Pinzas técnicas
Pinze tecniche



185 mm – 7 ¼ "	09-434-170

Drahtbiegezange
Wire bending forceps
Pince à couder
Pinza para torcer
Pinza per piegare



185 mm – 7 ¼ "	09-435-180

Flachzange mit Seitenschneider, parallel-fassend, für harte Drähte bis 1.6 mm Ø
Flat nose plier, parallel grip, incorporated cutter, for hard wires up to 1.6 mm Ø
Pince à couder avec coupe latéral, pour des fils durs à de 1.6 mm Ø
Pinza para torcer con corte lateral, para alambres hasta 1.6 mm Ø
Pinza, morso piatto parallelo e taglia fili laterale fino a 1.6 mm Ø



180 mm – 7 "	09-436-180
200 mm – 8 "	09-436-200
240 mm – 9 ½ "	09-436-240

Feststellzange
Locking plier
Pince à caler
Pinza de fijar
Pinza bloccante

Technis che zangent
Technical forceps
Pinces téchniques
Pinzas técnicas
Pinze tecniche



200 mm – 8 "	09-440-001

Plattenbiegezange für Knochenplatten bis 2.7 mm Stärke
Plate bending plier for plates up to 2.7 mm
Pince à couder pour des plaques de 2.7 mm
Pinza para torcer, placas hasta 2.7 mm
Pinza piega placche fino a 2.7 mm

240 mm – 9 ½ "	09-440-002

Plattenbiegezange für Knochenplatten bis 4 mm Stärke
Plate bending plier for plates up to 4 mm
Pince à conder pour des plaques de 4 mm
Pinza para torcer, para placas hasta 4 mm
Pinza piega placche fino a 4 mm

technische zangen
Technical forceps
Pinces téchniques
Pinzas técnicas
Pinze tecniche

TC



1:2

		TC
	180 mm – 7 "	180 mm – 7 "
x = 3 mm		09-443-010
x = 5 mm	09-441-180	09-443-020
x = 7 mm	09-442-180	09-443-030



1:2

	TC
220 mm – 8 ¾ "	09-444-220

Grip-Zange, kombiniert mit TC-Schneider
Grip forceps, combined with TC-Cutter
Pince grip, avec partie coupante TC
Pinza grip, combinada con TC
Pinza grip, con morso tagliente a TC

extensionsbügel
Extension bows

Etriers pour extension
Estribos para extensión
Archi per estensione



180 mm – 7 "	09-445-020

Spannschlüssel für Kirschner Drähte
Wire strainer for Kirschner wires
Tendeur pour fils de Kirschner
Tensor para agujas de Kirschner
Chiave per estensione di fili Kirschner



KIRSCHNER

x = 95 mm y = 70 mm	09-448-095
x = 100 mm y = 100 mm	09-448-105
x = 120 mm y = 120 mm	09-448-120
x = 155 mm y = 155 mm	09-448-155
x = 200 mm y = 155 mm	09-448-200

mit 3 Zughaken
with 3 traction hooks
avec 3 crochets d'attelage
con 3 ganchos de tracción
con 3 ganci di trazione

09-446-002

Fixierscheiben für Bohrdrähte alleine (Paar)
Fixation discs only (pair)
Disques de fixation seul (paire)
Disos de fijación sólo (par)
Disco di fissare solo (paio)

09-447-001

Zughaken klein, alleine
Traction hooks, only
Crochets de traction, seul
Ganchos de tracción, sólo
Ganci di trazione, solo

09-447-002

Zughaken groß alleine
Traction hooks big, only
Crochets de traction grand, seul
Ganchos de tracción grande, sólo
Ganci di trazione grande, solo



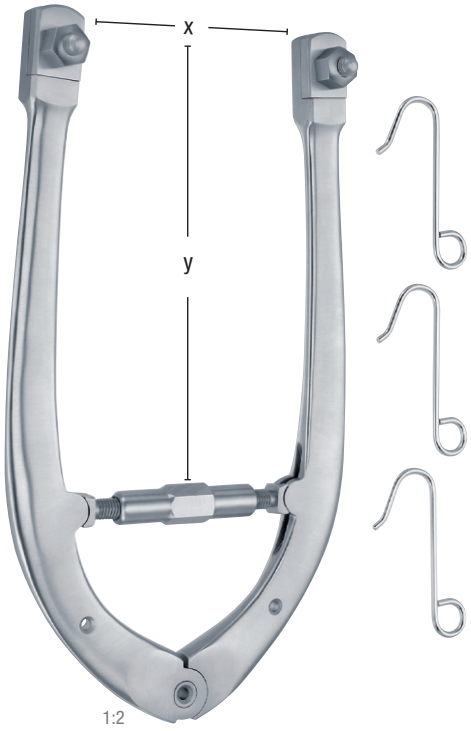
KIRSCHNER

x = 130 mm	09-449-160
x = 185 mm	09-449-200
x = 220 mm	09-449-220

mit 3 Zughaken
with 3 traction hooks
avec 3 crochets d'attelage
con 3 ganchos de tracción
con 3 ganci di trazione

extensionsbügel
Extension bows

Etriers pour extension
Estribos para extensión
Archi per estensione

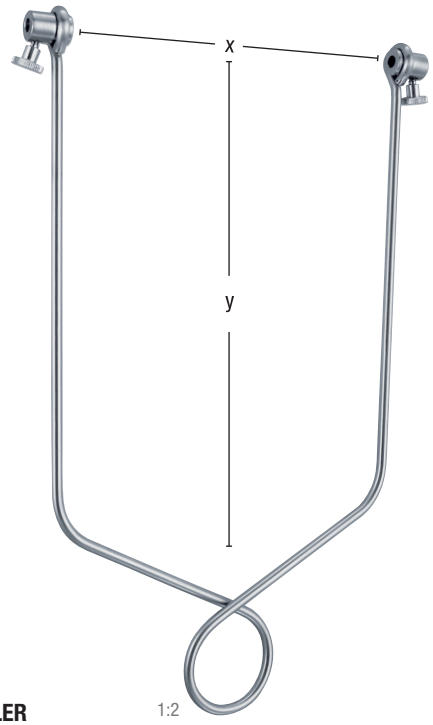


1:2

KIRSCHNER

x = 180 mm y = 100 mm	09-450-140
x = 270 mm y = 160 mm	09-450-220

mit 3 Zughaken
with 3 traction hooks
avec 3 crochets d'attelage
con 3 ganchos de tracción
con 3 ganci di trazione



1:2

BÖHLER

x = 75 mm y = 90 mm	09-451-090
x = 90 mm y = 160 mm	09-451-160
x = 110 mm y = 210 mm	09-451-210
x = 150 mm y = 210 mm	09-451-211


1:2

	14 mm / 17 mm
190 mm – 7 ½ "	09-452-190

Gabelschlüssel
Wrench
Clé de serrage
Llave de tuercas
Chiave per madreviti

Amputationsretraktor – Komprimeter
Amputation retractor – Comprimeter
Rétracteur pour amputation – Comprimètre
Retractor para amputación – Comprímetro
Retrattore per amputazione – Comprimetro



PERCY 1:3

09-453-000

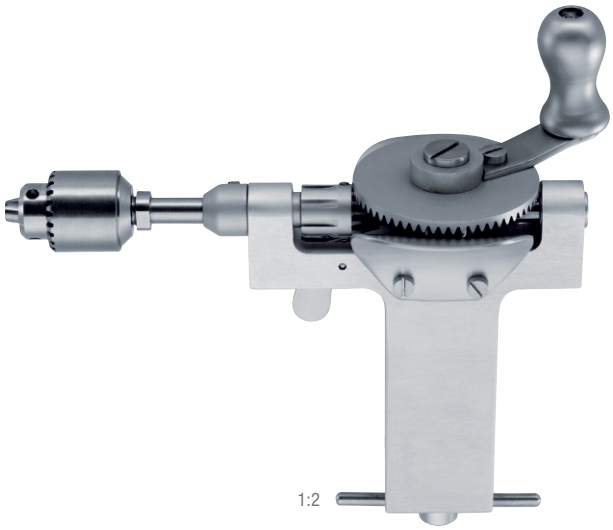
Griffe abnehmbar, einfaches Modell
Handles detachable, simple pattern
Manches à détacher, modèle simple
Mango desmontable, modelo simple
Manici demontabili, modello semplice



09-454-000

Komprimeter, bestehend aus Arm- und Oberschenkelmanschette, Manometer justiert bis 700 mm Hg und Metallpumpe
Comprimeter, consisting of arm and upper thight cuff, manometer calibrated up to 700 mm Hg, with metal pump
Comprimètre se composant du brassard pour bras et cuisse, manomètre calibré jusqu'a 700 mm Hg, avec pompe métallique
Comprímetro, compuesto de brazalete para brazo y muslo, manómetro calibrado hasta 700 mm Hg, con bomba métálica
Comprimetro, composto da torniquete, due bracciali e pompa d'aria e manometro graduato fino a 700 mm Hg

Handbohrapparate
Hand drills
Perforateurs à main
Perforadores de mano
Perforatori a mano



Leichtmetallgehäuse
Light metal housing
Carcasse en métal léger
Carcasa en metal ligero
In scatola di alluminio

Längsdurchbohrt
Longitudinally cannulated
À perforation axiale
Acanalado longitudinalmente
Forato longitudinalmente

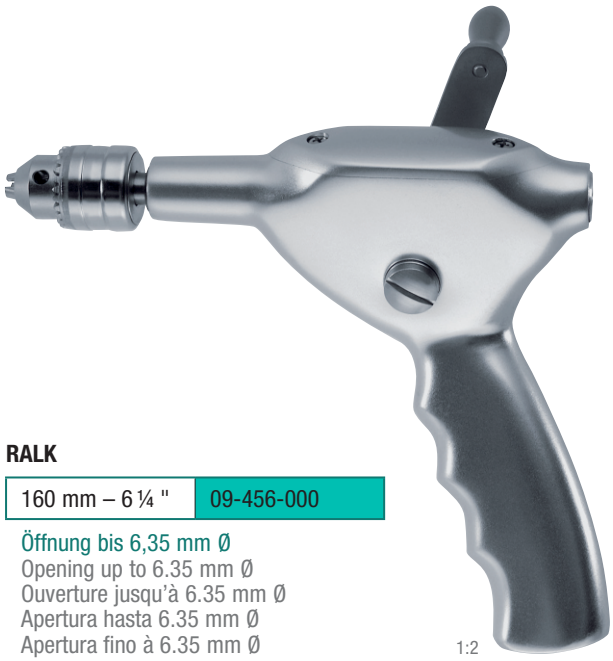
BUNNELL

160 mm – 6 ¼ "	09-455-000

Öffnung bis 4 mm Ø
Opening up to 4 mm Ø
Ouverture jusqu'à 4 mm Ø
Apertura hasta 4 mm Ø
Apertura fino à 4 mm Ø

09-455-000/1

Ersatzschlüssel für 09-455-000
Spare key for 09-455-000
Clé de réchange pour 09-455-000
Llave de recambio para 09-455-000
Chiave di ricambio per 09-455-000



RALK

160 mm – 6 ¼ "	09-456-000

Öffnung bis 6,35 mm Ø
Opening up to 6.35 mm Ø
Ouverture jusqu'à 6.35 mm Ø
Apertura hasta 6.35 mm Ø
Apertura fino à 6.35 mm Ø

Leichtmetallgehäuse
Light metal housing
Carcasse en métal léger
Carcasa en metal ligero
In scatola di alluminio

Längsdurchbohrt
Longitudinally cannulated
À perforation axiale
Acanalado longitudinalmente
Forato longitudinalmente

Handbohrapparate
Hand drills
Perforateurs à main
Perforadores de mano
Perforatori a mano


1:2

STILLE

200 mm – 8 "	09-457-100

komplett mit 7 Bohrern (Fig. 1 – Fig. 9)
complete with 7 twist drills (Fig. 1 – Fig. 9)
complèt avec 7 Mèches (Fig. 1 – Fig. 9)
completa con 7 fresas (Fig. 1 – Fig. 9)
completa con 7 frese (Fig. 1 – Fig. 9)

09-457-000

Handbohrapperat alleine
Hand drill only
Perforateurs à main seul
Perforadores de mano sólo
Perforatori a mano solo


1:2 1:2 1:2 1:2

Fig. 1	Fig. 2	Fig. 3	Fig. 4
2.5 mm Ø	3.0 mm Ø	3.5 mm Ø	4.0 mm Ø
09-457-010	09-457-020	09-457-030	09-457-040


1:2 1:2 1:2

Fig. 7	Fig. 8	Fig. 9
8.0 mm Ø	12.0 mm Ø	16.0 mm Ø
09-457-070	09-457-080	09-457-090


1:2 1:2 1:2

Fig. 10	Fig. 11	Fig. 12
1.0 mm Ø	1.5 mm Ø	2.0 mm Ø
09-457-001	09-457-002	09-457-003

Handbohrapparate
Hand drills
Perforateurs à main
Perforadores de mano
Perforatori a mano



JACOBS 1:2

280 mm – 11 "	09-458-060

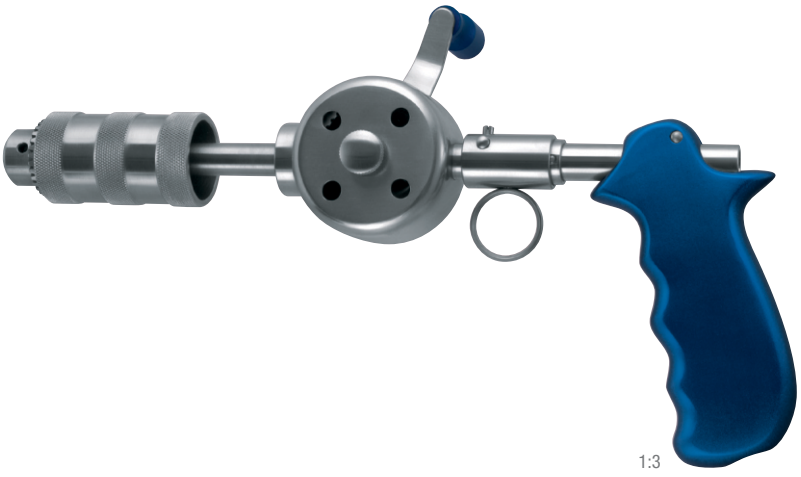
Öffnung bis 6.35 mm Ø
Opening up to 6.35 mm Ø
Ouverture jusqu'à 6.35 mm Ø
Apertura hasta 6.35 mm Ø
Apertura fino à 6.35 mm Ø



1:2

09-459-000

Öffnung bis 6.35 mm Ø
Opening up to 6.35 mm Ø
Ouverture jusqu'à 6.35 mm Ø
Apertura hasta 6.35 mm Ø
Apertura fino à 6.35 mm Ø



1:3

280 mm – 11 "
09-460-000

Handbohrapparat, rostfrei, beweglicher Griff, mit „Jacobs"-Spannfutter und Schlüssel
Hand drill, stainless, adjustable handle, with "Jacobs"-chuck and key
Perceuse méchanique en acier inox, manche mobile, avec mandrin «Jacobs» et clé
Taladro manual, mango mobil, acero inoxidable, porta brocas "Jacobs" y llave
Perforatore a mano, inossidabile, manico da movere, con morso "Jacobs" e chiave

Spiralbohrer – Pfrieme
Twist drills – Reamers
Mèches – Alênes
Taladros espirales – Escariadores
Punte a spirale – Perforatori a mano



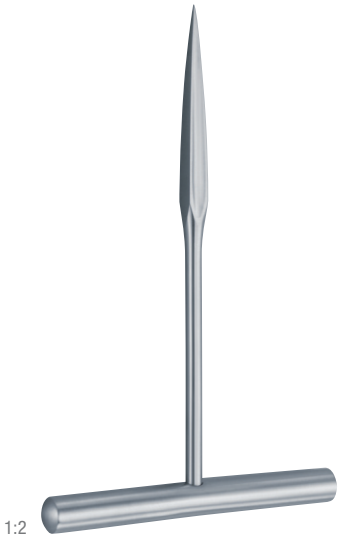


1.0 mm Ø		09-462-100
1.5 mm Ø		09-462-150
2.0 mm Ø	09-461-200	09-462-200
2.5 mm Ø	09-461-250	09-462-250
2.8 mm Ø		09-462-280
3.0 mm Ø	09-461-300	09-462-300
3.2 mm Ø	09-461-320	09-462-320
3.5 mm Ø	09-461-350	09-462-350
4.0 mm Ø	09-461-400	09-462-400
5.0 mm Ø	09-461-500	09-462-500
6.0 mm Ø	09-461-600	09-462-600
7.0 mm Ø	09-461-700	09-462-700
	AO Schaft AO shank Raccord AO Connector AO Attaco AO	Rundschaft Round shank Tige ronde Flecha redonda Asta rotondo



PERTHES

180 mm – 7 "	09-463-160
210 mm – 8 ¼ "	09-463-210



140 mm – 5 ½ "
09-464-140



140 mm – 5 ½ "
09-465-140

» Verbands- und Gipsinstrumente

» Dressings

» Pansements

» Vendajes

» Bendaggi

NJ ENTERPRISES



Gipsinstrumente
Plaster instruments
Instruments pour plâtres
Instrumentos para vendajes enyesados
Strumenti per apparecchi gessati



ENGEL 1:2

140 mm – 5½ "	10-101-140



BERGMANN 1:2

180 mm – 7 "	10-102-180



HOPKINS 1:2

200 mm – 8 "	10-103-200



ESMARCH 1:2

180 mm – 7 "	10-104-180

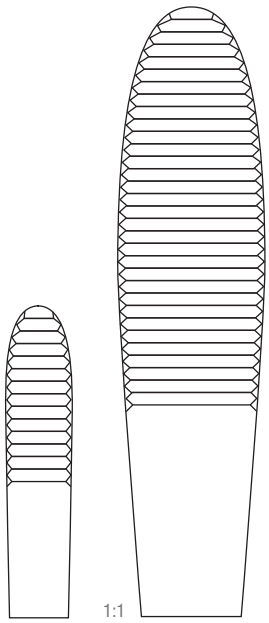
Gipsinstrumente
Plaster instruments
Instruments pour plâtres
Instrumentos para vendajes enyesados
Strumenti per apparecchi gessati



STILLE

230 mm – 9 "	10-105-230
260 mm – 10 ¼ "	10-105-260
370 mm – 14 ½ "	10-105-370

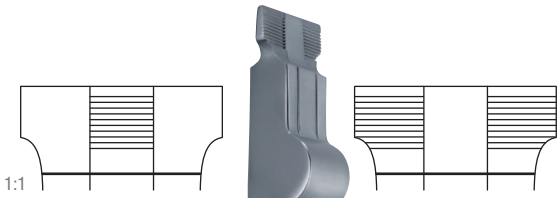




WOLF

180 mm – 7 "	240 mm – 9 ½ "
10-106-180	10-107-240

Gipsinstrumente
Plaster instruments
Instruments pour plâtres
Instrumentos para vendajes enyesados
Strumenti per apparecchi gessati



USA MODELL

230 mm – 9 "	10-108-230



BEESON 1:2

300 mm – 12 "	10-109-300



HENNIG 1:2

280 mm – 11 "	10-110-270

» Aspiration, Sonden

» Aspiration, Probes

» Aspiration, Sondes

» Aspiración, Sondas

» Aspirazione, Sonde

NJ ENTERPRISES



Trokare
Trocars
Trocarts
Trócares
Trequarti





UNIVERSAL

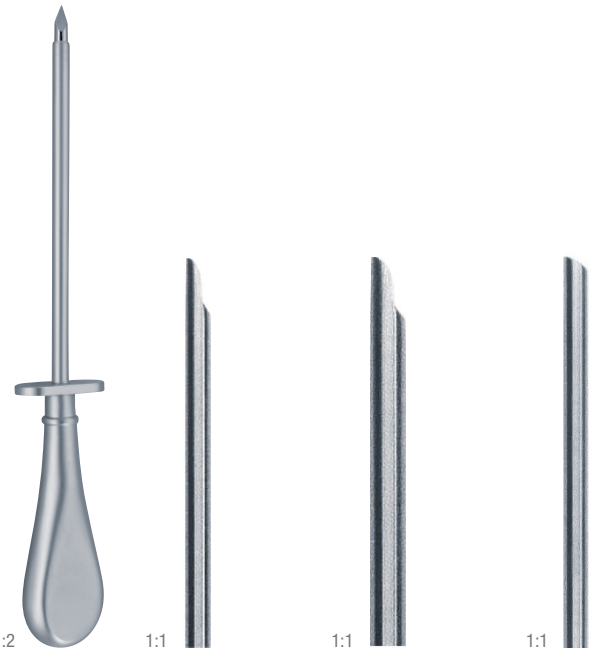
	Fig. 1	Fig. 2	Fig. 3	Fig. 4
	6.0 mm Ø	4.5 mm Ø	3.0 mm Ø	1.75 mm Ø
11-101-003		x	x	x
11-101-004	x	x	x	x

Satz
Set
Jeu
Juego
Serie



UCKERMANN

	8 mm Ø	10 mm Ø
130 mm – 5"	11-102-008	11-102-010



SINUS

	3.5 mm Ø	5.0 mm Ø	5.0 mm Ø
170 mm – 6¾"	11-103-035	11-104-050	11-105-033

Trokare
Trocars

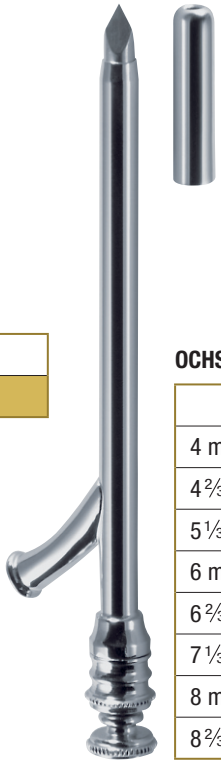
Trocarts
Trócares
Trequarti



1:2

LICHTWITZ

	1.5 mm Ø	1.8 mm Ø	2.0 mm Ø
190 mm – 7 ½ "	11-106-150	11-107-180	11-107-200

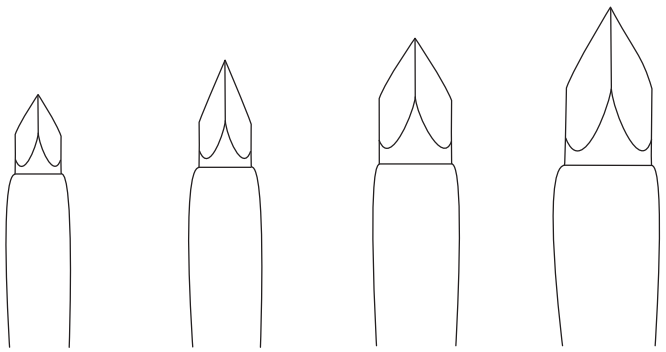


OCHSNER

		100 mm – 4 "
4 mm Ø	12 Char./Fr.	11-108-012
4 ⅔ mm Ø	14 Char./Fr.	11-108-014
5 ⅓ mm Ø	16 Char./Fr.	11-108-016
6 mm Ø	18 Char./Fr.	11-108-018
6 ⅔ mm Ø	20 Char./Fr.	11-108-020
7 ⅓ mm Ø	22 Char./Fr.	11-108-022
8 mm Ø	24 Char./Fr.	11-108-024
8 ⅔ mm Ø	26 Char./Fr.	11-108-026



1:2



NELSON

	7.5 mm Ø	10 mm Ø	11 mm Ø	11.6 mm Ø
210 mm – 8 ¼ "	11-109-250	11-109-300	11-109-330	11-109-350

Trokare
Trocars
Trocarts
Trócares
Trequarti



LANDAU 1:2

	2 mm Ø
160 mm – 6 ¼ "	11-110-160



PIERCE

	170 mm – 6 ¾ "
3 mm Ø	11-111-300
4 mm Ø	11-111-400
5 mm Ø	11-111-500



KRAUSE 1:2

	5.5 mm Ø
150 mm – 6 "	11-112-150



COAKLEY 1:2

	2.25 mm Ø
160 mm – 6 ¼ "	11-113-020

Saugrohre
Suction tubes
Canules d'aspiration
Tubos de aspiración
Tubi per aspirazione



1:3



1:3



1:3



1:3

COOLEY

	8 mm Ø
350 mm – 13 ¾ "	11-114-350

	10 mm Ø
310 mm – 12 ¼ "	11-115-310

	6 mm Ø
300 mm – 12 "	11-116-300

	8 mm Ø
330 mm – 13 "	11-117-330

Saugrohre
Suction tubes
Canules d'aspiration
Tubos de aspiración
Tubi per aspirazione



POOLE 1:3

		220 mm – 8 "
8 mm Ø	23 Charr. / Fr.	11-118-008



POOLE 1:3

		220 mm – 8 "
10 mm Ø	30 Charr./Fr.	11-119-010



ANDREWS-PYNCHON 1:3

235 mm – 9 ¼ "	11-120-235



DE BAKEY 1:3

275 mm – 10 ¾ "	11-121-270



11-122-270/2



11-122-270/1



YANKAUER 1:3

270 mm – 10 ¾ "	11-122-270

Ohrkatheter
Eustachian catheters
Sondes auriculaires
Sondas auriculares
Sonde auricolari



HARTMANN

	Fig. 1	Fig. 2
2.0 mm Ø	11-123-200	11-124-200
2.5 mm Ø	11-123-250	11-124-250
3.0 mm Ø	11-123-300	11-124-300



EICKEN-KILLIAN

130 mm – 6"	2.0 mm Ø	11-125-020
130 mm – 6"	2.5 mm Ø	11-125-025
130 mm – 6"	3.0 mm Ø	11-125-030
130 mm – 6"	4.0 mm Ø	11-125-040



HARTMANN



	Fig. 0	Fig. 1	Fig. 2	Fig. 3	Fig. 4	Fig. 5
150 mm – 6"	11-126-000	11-126-001	11-126-002	11-126-003	11-126-004	11-126-005

Ohrkatheter
Eustachian catheters
Sondes auriculaires
Sondas auriculares
Sonde auricolari





11-128-000

Schlaucholive für Ohrkatheter
Tube olive for eustachian catheter
Olive pour sonde auriculaire
Olive para sondas auriculares
Olive per sonde auricolari

TROELTSCH



	Fig. 1	Fig. 2	Fig. 3	Fig. 4	Fig. 5
150 mm – 6 "	11-127-010	11-127-020	11-127-030	11-127-040	11-127-050

Ohrspritze
Ear syringe

Seringe auriculaire
Jeringa auricular
Siringhe auricolari



1:2

50 ccm 2 oz	11-129-050
75 ccm 3 oz	11-129-075
100 ccm 4 oz	11-129-100
150 ccm 6 oz	11-129-150
200 ccm 8 oz	11-129-200

komplett mit 2 Aufsätzen
complete with 2 nozzles
complet avec 2 canules
completa con 2 cánulas
completa con 2 terminali



1:2

11-129-002



1:2

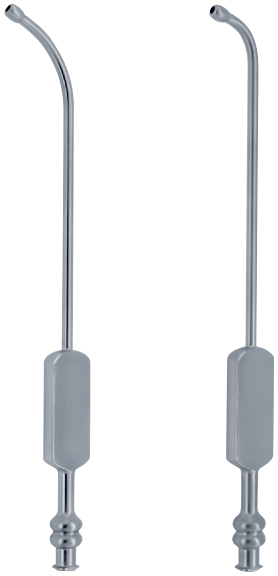
11-129-005



11-129-008

Saug- und Spülkanülen
Suction and irrigation cannulae

Canules pour aspiration et lavage
Cánulas para aspiración y lavado
Cannule per aspirazione e lavaggio



EICKEN

2.5 mm Ø	11-130-025	11-135-025
3.0 mm Ø	11-130-030	11-135-030
4.0 mm Ø	11-130-040	11-135-040
	leicht gebogen slightly curved légèrement courbé ligeramente curvada leggermente curva	stark gebogen strongly curved très courbé muy curvada fortemente curva



LUER-LOCK

3.0 mm Ø
11-132-030



LUER-LOCK

2.5 mm Ø
11-133-030

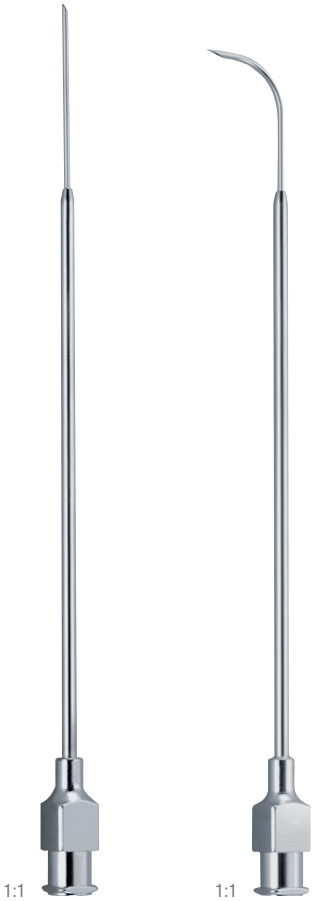


FISCH

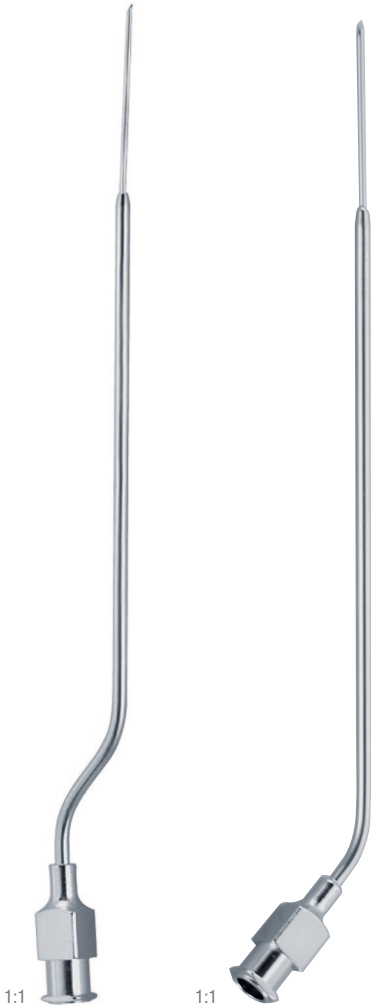
1.8 mm Ø	11-134-018
2.5 mm Ø	11-134-025
3.0 mm Ø	11-134-030
4.5 mm Ø	11-134-040

Saug- und Spülkanülen
Suction and irrigation cannulae

Canules pour aspiration et lavage
Cánulas para aspiración y lavado
Cannule per aspirazione e lavaggio



0.8 mm Ø	11-136-000	11-137-900
Tonsillenkanüle	gerade	gebogen
Tonsil needle	straight	curved
Aiguille pour amygdales	droite	courbe
Aguja para amígdalas	recta	curva
Cannule per tonsille	retta	curva



0.8 mm Ø	11-137-000	11-137-450
Septumkanüle	bajonettförmig	abgewinkelt
Septum needle	bayonet	angled on flat
Aiguille pour le cloison nasal	baïonette	coudé sur le plat
Aguja para el tabique nasal	bayoneta	angulado
Ago per setto nasale	baionetta	angolato

Saugrohre
Suction tubes
Tubes d'aspiration
Tubos para aspiración
Cannule d'aspirazione



ZÖLLNER 1:2

0.7 mm Ø
11-138-000

komplett mit 1 aufsetzbaren Kanüle, 0.7 mm Ø
complete with 1 slip-on cannula, 0.7 mm Ø
complet avec 1 canule démontable, 0.7 mm de Ø
completo con 1 cánula desmontable de 0.7 mm Ø
completa di 1 cannula applicabile di mm 0.7 di Ø



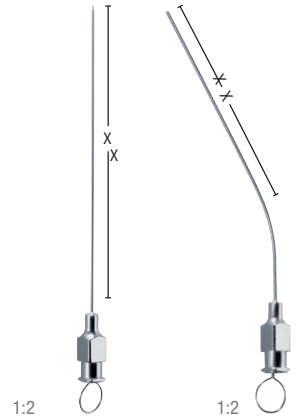
IOWA 1:2

	0.7 mm Ø
160 mm – 6 ¼ "	11-139-160



MAGILL

	245 mm – 9 ¾ "
3.0 mm Ø	11-140-300
3.5 mm Ø	11-140-350
4.0 mm Ø	11-140-400



ROSEN 1:2 1:2

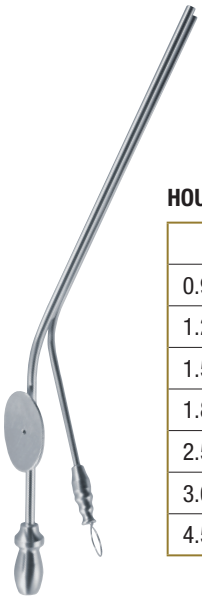
	x = 80 mm	x = 65 mm
0.5 mm Ø	11-141-005	11-142-005
0.6 mm Ø	11-141-006	11-142-006
0.7 mm Ø	11-141-007	11-142-007
0.9 mm Ø	11-141-009	11-142-009
1.0 mm Ø	11-141-010	11-142-010
1.2 mm Ø	11-141-012	11-142-012
1.4 mm Ø	11-141-014	11-142-014
1.5 mm Ø	11-141-015	11-142-015
1.8 mm Ø	11-141-018	11-142-018
2.0 mm Ø	11-141-020	11-142-020
2.5 mm Ø	11-141-025	11-142-025
3.0 mm Ø	11-141-030	11-142-030

Saugrohre
Suction tubes
Tubes d'aspiration
Tubos para aspiración
Cannule d'aspirazione



BARON

		75 mm – 3 "	100 mm – 4 "
1 mm Ø	3 Charr./Fr.	344-097-030	344-097-030/L
1⅔ mm Ø	5 Charr./Fr.	344-097-050	344-097-050/L
2⅓ mm Ø	7 Charr./Fr.	344-097-070	344-097-070/L



HOUSE

	90 mm – 3½ "
0.9 x 0.7 mm Ø	11-143-010
1.2 x 0.9 mm Ø	11-143-020
1.5 x 1.2 mm Ø	11-143-030
1.8 x 1.8 mm Ø	11-143-040
2.5 x 2.0 mm Ø	11-143-050
3.0 x 2.0 mm Ø	11-143-060
4.5 x 2.0 mm Ø	11-143-070



1:2

FERGUSSON

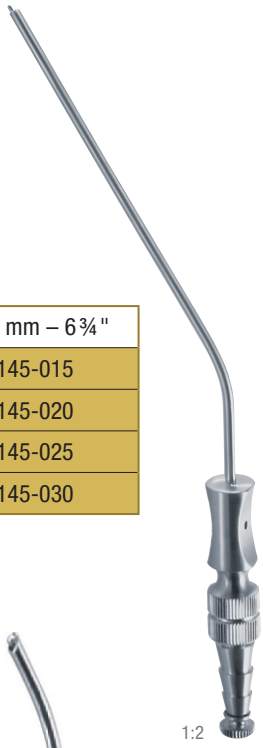
		170 mm – 6¾ "
2 mm Ø	6 Charr./Fr.	11-144-020
2⅔ mm Ø	8 Charr./Fr.	11-144-025
3 mm Ø	9 Charr./Fr.	11-144-030
3⅓ mm Ø	10 Charr./Fr.	11-144-035
4 mm Ø	12 Charr./Fr.	11-144-040
5 mm Ø	15 Charr./Fr.	11-144-050

Saugrohre
Suction tubes
Tubes d'aspiration
Tubos para aspiración
Cannule d'aspirazione


1:2

PLESTER

		170 mm – 6¾"
1.6 mm Ø	5 Charr./Fr.	11-145-015
2 mm Ø	6 Charr./Fr.	11-145-020
2⅓ mm Ø	8 Charr./Fr.	11-145-025
3 mm Ø	9 Charr./Fr.	11-145-030


1:2

FRAZIER

		170 mm – 6¾"
2 mm Ø	6 Charr./Fr.	11-146-006
2⅓ mm Ø	7 Charr./Fr.	11-147-070
2⅔ mm Ø	8 Charr./Fr.	11-146-008
3 mm Ø	9 Charr./Fr.	11-147-090
3⅓ mm Ø	10 Charr./Fr.	11-146-010
4 mm Ø	12 Charr./Fr.	11-146-012
5 mm Ø	15 Charr./Fr.	11-147-150


1:2

ADSON

		140 mm – 5¼"	210 mm – 8¼"
3 mm Ø	9 Charr./Fr.	11-148-140	
4 mm Ø	12 Charr./Fr.		11-148-210
5 mm Ø	15 Charr./Fr.		11-148-211


1:2

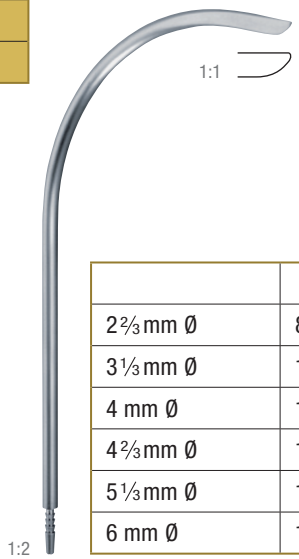
200 mm – 8"	11-149-200

Saug-Raspatorium – biegsam, scharf
Suction raspatory – malleable, sharp
Rugine aspirante – flexible, tranchant
Legra aspiradora – maleable y agudo
Elevatore-aspiratore – flessi

redon Führungsnadeln
Guide needles
Aiguilles d'introduction
Agujas de guía
Aghi guida



		195 mm – 5 ¾ "
2⅔ mm Ø	8 Charr./Fr.	11-150-008
3⅓ mm Ø	10 Charr./Fr.	11-150-010
4 mm Ø	12 Charr./Fr.	11-150-012
4⅔ mm Ø	14 Charr./Fr.	11-150-014
5⅓ mm Ø	16 Charr./Fr.	11-150-016
6 mm Ø	18 Charr./Fr.	11-150-018



		195 mm – 5 ¾ "
2⅔ mm Ø	8 Charr./Fr.	11-151-008
3⅓ mm Ø	10 Charr./Fr.	11-151-010
4 mm Ø	12 Charr./Fr.	11-151-012
4⅔ mm Ø	14 Charr./Fr.	11-151-014
5⅓ mm Ø	16 Charr./Fr.	11-151-016
6 mm Ø	18 Charr./Fr.	11-151-018



		195 mm – 5 ¾ "
2⅔ mm Ø	8 Charr./Fr.	11-152-008
3⅓ mm Ø	10 Charr./Fr.	11-152-010
4 mm Ø	12 Charr./Fr.	11-152-012
4⅔ mm Ø	14 Charr./Fr.	11-152-014
5⅓ mm Ø	16 Charr./Fr.	11-152-016
6 mm Ø	18 Charr./Fr.	11-152-018

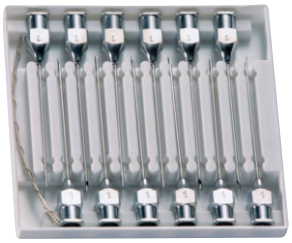
Lanzettenspitze
Lancet tip
Pointe lancéolaire
Punta lanceolada
Punta lanceolata

injektionskanülen
Hypodermic needles
Aiguilles hypodermiques
Agujas hipodérmicas
Aghi hypodermici



PRAVAZ (LUER-LOCK)

Fig. 1	0.90 x 38 mm Ø	11-153-010
Fig. 2	0.80 x 32 mm Ø	11-153-020
Fig. 12	0.70 x 32 mm Ø	11-153-120
Fig. 14	0.65 x 28 mm Ø	11-153-140
Fig. 16	0.60 x 25 mm Ø	11-153-160
Fig. 18	0.50 x 23 mm Ø	11-153-180
Fig. 20	0.45 x 20 mm Ø	11-153-200



Packung à 12 Stück
Package of 12 pieces
Paquet de 12 pièces
Paquete de 12 piezas
Confezione da 12 pezzi

Biopsiekanülen
Biopsy needles
Canules pour biopsie
Agujas para biopsia
Aghi per biopsie



QUINKE

0.70 x 50.0 mm Ø	11-154-070
0.70 x 76.0 mm Ø	11-156-070
0.70 x 89.0 mm Ø	11-157-070
1.00 x 76.0 mm Ø	11-156-100
1.00 x 89.0 mm Ø	11-157-100
1.20 x 76.0 mm Ø	11-156-120
1.20 x 89.0 mm Ø	11-157-120



TUOHY

1.20 x 76.0 mm Ø	11-155-120
1.40 x 76.0 mm Ø	11-155-140
1.60 x 76.0 mm Ø	11-155-160



BIER

1.00 x 80.0 mm Ø	322-232-100
1.20 x 80.0 mm Ø	322-232-120
1.50 x 80.0 mm Ø	322-232-150
1.80 x 80.0 mm Ø	322-232-180



KLIMA-ROSEGGER 1:2

1.80 x 35.0 mm Ø	11-158-180



VERRES

2.00 x 100 mm Ø	11-159-100
2.00 x 120 mm Ø	11-159-120
2.00 x 130 mm Ø	11-159-130
2.00 x 140 mm Ø	11-159-140
2.00 x 150 mm Ø	11-159-150

Biopsiekanülen
Biopsy needles
Canules pour biopsie
Agujas para biopsia
Aghi per biopsie



MENGHINI

1.00 x 35.0 mm Ø	11-160-001
1.00 x 70.0 mm Ø	11-160-002
1.20 x 70.0 mm Ø	11-160-003
1.20 x 100.0 mm Ø	11-160-004
1.40 x 70.0 mm Ø	11-160-005
1.40 x 100.0 mm Ø	11-160-006
1.60 x 70.0 mm Ø	11-160-007
1.80 x 100.0 mm Ø	11-160-008



MENGHINI

1.40 x 168.0 mm Ø	11-161-140
1.80 x 168.0 mm Ø	11-161-180

Biopsiekanülen
Biopsy needles
Canules pour biopsie
Agujas para biopsia
Aghi per biopsie

TC Außendurchmesser
Outer diameter
Diamètre extèrne
Diámetro externo
Diametro esterno

TC Innendurchmesser
Inner diameter
Diamètre intèrne
Diámetro interno
Diametro interno



FRANKLIN-SILVERMAN

2.00 x 105.0 mm Ø	1.50 x 155.0 mm Ø	11-163-200
2.00 x 130.0 mm Ø	1.50 x 180.0 mm Ø	11-163-140

Zur perkutanen Nierenbiopsie, einschl. Suchnadel
For kidney biopsy, incl. guide needle
Pour la biopsie des reins, aiguille d'introduction incl.
Para la biopsia de los riñones, con aguja de guía
Per la biopsia renale, con ago guida

Biopsiekanülen
Biopsy needles
Canules pour biopsie
Agujas para biopsia
Aghi per biopsie

TC Außendurchmesser
Outer diameter
Diamètre extèrne
Diámetro externo
Diametro esterno

TC Innendurchmesser
Inner diameter
Diamètre intèrne
Diámetro interno
Diametro interno



FRANKLIN-SILVERMAN

2.00 x 100.0 mm Ø	1.50 x 150.0 mm Ø	11-164-020	11-165-020
2.50 x 145.0 mm Ø	1.50 x 195.0 mm Ø	11-164-025	11-165-025

Zur Leber- und Nierenbiopsie
For liver and kidney biopsy
Pour la biopsie des reins et de la foie
Para la biopsia de los riñones y del hígado
Per la biopsia renale ed epatica

ohne Widerhaken
without barb
sans crochet
sin garfio
senza gancio

mit Widerhaken
barbed
avec crochet
con garfio
con gancio

2.00 x 100.0 mm Ø	1.50 x 150.0 mm Ø	11-166-150	11-167-150
2.50 x 145.0 mm Ø	1.50 x 195.0 mm Ø	11-166-200	11-167-200

Kanüle, allein
Biopsy needle, only
Aiguille pour biopsie, seul
Aguja para biopsia, sola
Ago per biopsia, solo

Sonden
Probes and directors
Sondes et stylets
Sondas y estiletes
Specilli e sonde



	1.0 mm Ø	1.5 mm Ø	2.0 mm Ø
115 mm – 4 ½ "	11-172-115	11-173-115	11-174-115
130 mm – 5 "	11-172-130	11-173-130	11-174-130
145 mm – 5 ¾ "	11-172-145	11-173-145	11-174-145
160 mm – 6 ¼ "	11-172-160	11-173-160	11-174-145
180 mm – 7 "	11-172-180	11-173-180	11-174-180
200 mm – 8 "	11-172-200	11-173-200	11-174-200
250 mm – 9 ¾ "	11-172-250	11-173-250	11-174-250
300 mm – 12 "	11-172-300	11-173-300	11-174-300



2 mm Ø	
115 mm – 4 ½ "	11-175-115
130 mm – 5 "	11-175-130
145 mm – 5 ¾ "	11-175-145
160 mm – 6 ¼ "	11-175-160
180 mm – 7 "	11-175-180
200 mm – 8 "	11-175-200
250 mm – 9 ¾ "	11-175-250

mit Öhr
with eyelet
avec oeil
con ojo
con cruna



2 mm Ø	
115 mm – 4 ½ "	11-176-120
130 mm – 5 "	11-176-130
145 mm – 5 ¾ "	11-176-145
160 mm – 6 ¼ "	11-176-160

Myrtenblattsonde
myrtle-shaped
en forme de myrte
en forme de mirto
forma di mirto



115 mm – 4 ½ "	11-177-115
130 mm – 5 "	11-177-130
145 mm – 5 ¾ "	11-177-145
160 mm – 6 ¼ "	11-177-160
180 mm – 7 "	11-177-180
200 mm – 8 "	11-177-200



115 mm – 4 ½ "	11-178-115
130 mm – 5 "	11-178-130
145 mm – 5 ¾ "	11-178-145
160 mm – 6 ¼ "	11-178-160
180 mm – 7 "	11-178-180
200 mm – 8 "	11-178-200



NÉLATON 1:2

160 mm – 6 ½ "
11-179-160

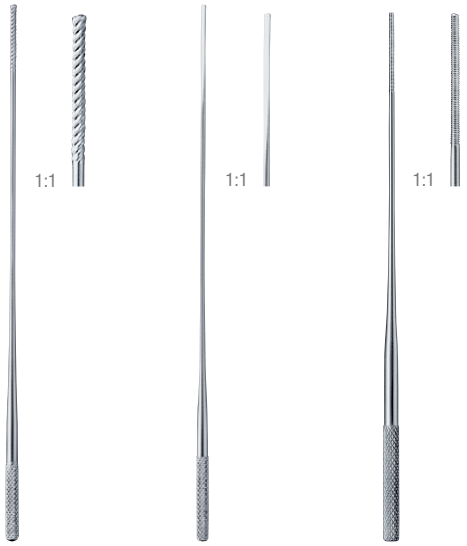


DOYEN

130 mm – 5 "	11-180-130
145 mm – 5 ¾ "	11-180-145
160 mm – 6 ¼ "	11-180-160

watteträger
Cotton applicators

Porte-cotons
Porta-algodones
Portacotoni



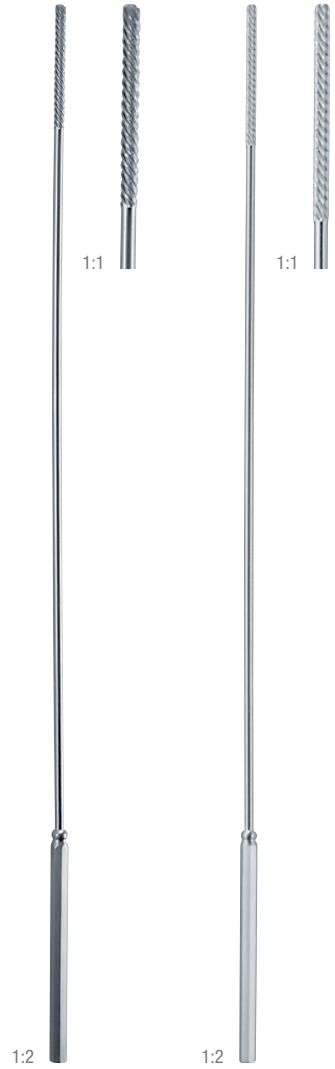
FARRELL-LATHBURY

120 mm – 4 ¾ "	0.9 mm Ø	11-181-120	11-182-120	11-183-120
140 mm – 5 ½ "	0.9 mm Ø	11-181-140	11-182-140	11-183-140
165 mm – 6 ¼ "	1.1 mm Ø	11-181-165	11-182-160	11-183-165
180 mm – 7 "	1.2 mm Ø	11-181-180	11-182-180	11-183-180
230 mm – 9 "	1.3 mm Ø	11-181-230	11-182-230	11-183-230





	1.2 mm Ø	1.5 mm Ø	1.5 mm Ø
120 mm – 4 ¾ "	11-184-120	11-185-120	11-182-120
140 mm – 5 ½ "	11-184-140	11-185-140	11-182-140
160 mm – 6 ¼ "	11-184-160	11-185-160	11-182-160
180 mm – 7 "	11-184-180	11-185-180	11-182-180
230 mm – 9 "			11-182-230



	2.5 mm Ø	2.5 mm Ø
280 mm – 11 "	11-186-280	11-187-280

Watteträger
Cotton applicators
Porte-cotons
Porta-algodones
Portacotoni



JOBSON-HORNE

180 mm – 7 "
11-188-180



FEIN

280 mm – 11 "
11-189-280



PELTESON

230 mm – 9 "
11-190-230

» Diagnostik, Narkose

» Diagnostics, Anaesthesia

» Diagnostic, Anesthésie

» Diagnóstico, Anestesia

» Diagnostica, Anestesia

NJ ENTERPRISES



Perkussionshämmer
Percussion Hammers
Marteaux-percuteurs
Martillos de percusión
Martelli percussori



BABINSKY

220 mm – 8 ¾ "	12-101-240



RABINER

230 mm – 9 "	12-102-230

Perkussionshämmer
Percussion Hammers
Marteaux-percuteurs
Martillos de percusión
Martelli percussori



WARTENBERG 1:2

190 mm – 7 "	12-103-190



BUCK 1:2 1:1

180 mm – 7 "	12-104-180



TROEMNER 1:2

240 mm – 9 ½"	12-105-240

Perkussionshämmer
Percussion Hammers
Marteaux-percuteurs
Martillos de percusión
Martelli percussori



TAYLOR

180 mm – 7 "	12-106-180
200 mm – 8 "	12-107-200



BERLINER

170 mm – 6 "	12-108-170
200 mm – 8 "	12-108-200



DÉJERINE 1:1 1:2

210 mm – 8 "	12-109-200

stethoskope
Stethoscopes
Stéthoscopes
Estetoscopios
Stetoscopi



PINARD

180 mm – 7 "	12-114-180
240 mm – 9½ "	12-114-240

Holz
Wood
Bois
Madera
Legno



PINARD 1:2

150 mm – 6 "
12-115-150

Aluminium
Aluminium
Aluminium
Aluminio
Alluminio



1:4

DUPLEX

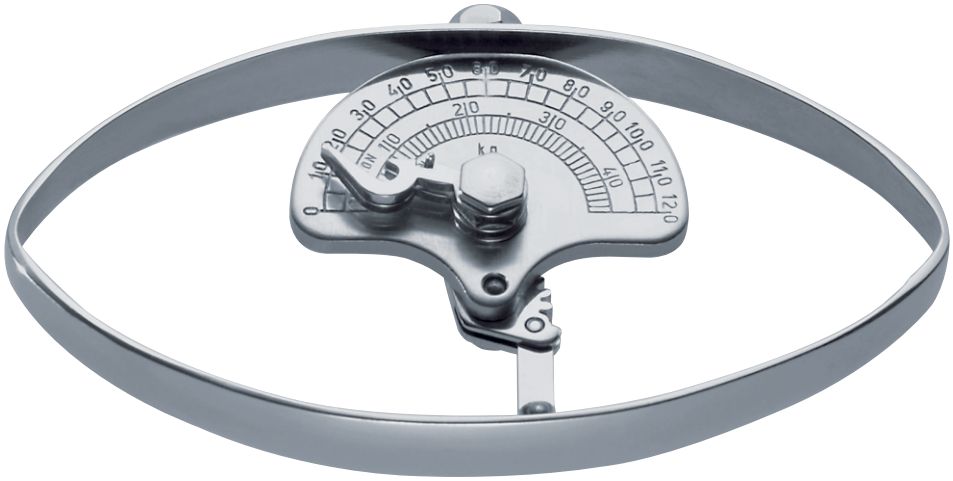
47 mm	12-116-000

für Erwachsene
for adults
pour adultes
para adultos
per adulti

DUPLEX-COLOR

12-117-000	12-118-000	12-119-000	12-120-000
blau	grün	gold	rot
blue	green	gold	red
bleu	vert	couleur d´or	rouge
azul	verde	color de oro	rojo
azzurro	verde	topazio	rosso

messinstrumente
Measuring instruments
Instruments pour mesurer
Instrumentos de medidas
Strumenti di misura



COLLIN

125 mm – 5 "		12-143-002	12-144-030
	für Kinder, kg-Einteilung for children, kg-scale pour enfants, échelle en kg para niños, graduación en kg per bambini, graduazione in kg	für Erwachsene, kg-Einteilung for adults, kg-scale pour adultes, échelle en kg para adultos, graduación en kg per adulti, graduazione in kg	für Erwachsene, lbs-Einteilung for adults, lbs-scale pour adultes, échelle en lbs para adultos, graduación en lbs per adulti, graduazione in lbs



1:3

BERTILLON

320 mm – 12 ½ "	12-145-010

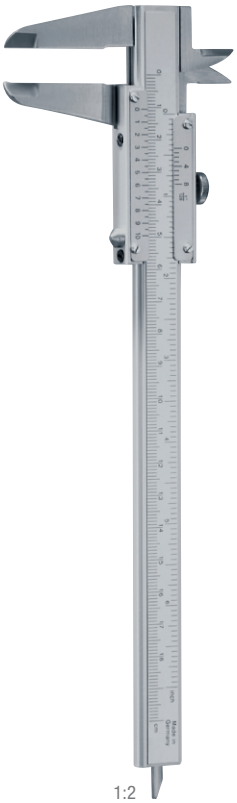


1:2

MOELTGEN

240 mm – 9 ½ "	12-146-000

messinstrumente
Measuring instruments
Instruments pour mesurer
Instrumentos de medidas
Strumenti di misura



VERNIER 1:2

210 mm – 8 ¼ "	12-148-210	12-149-010
	Aluminium Aluminium Aluminium Aluminio Alluminio	Stahl Steel Acier Acero Accaio



CASTROVIEJO 1:1

80 mm – 3 ¼ "	12-150-020

Zungenspatel
Tongue depressors

Abaisse-langues
Espátulas bucales
Abbassalingua

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



KROENIG 1:2

150 mm – 6 "	12-155-150



1:2

145 mm – 5 ¾ "	12-156-140



1:2

160 mm – 6 ¼ "	12-157-160

Holz
Wood
Bois
Madera
Legno



MAYO 1:2

170 mm – 6 ¾ "	12-158-170



BRUENINGS 1:2

190 mm – 7 ½ "	12-159-190



FRENZEL 1:2

165 mm – 6 ½ "	12-160-160

Zungendrücker
Tongue depressors

Abaisse-langues
Baja lenguas
Abbassalingua



WIEDER 1:2 1:2

150 mm – 6 "		12-161-020
140 mm – 5 ½ "	12-161-010	



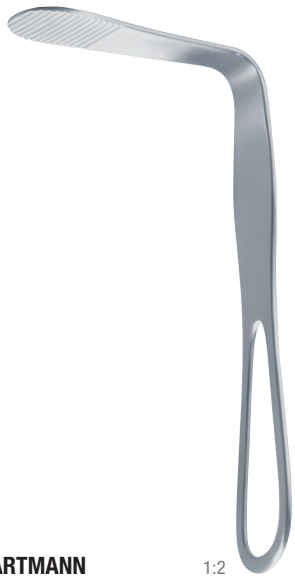
BOSWOTH 1:2

145 mm – 5 ¾ "	12-162-140



TOBOLD 1:2

145 mm – 5 ¾ "	12-163-140



HARTMANN 1:2

150 mm – 6 "	12-164-150



ANDREW 1:2

110 mm – 4 ¾ "	12-165-110

Zungenzangen
Tongue holding forceps

Pinces tire langue
Pinzas tiralengua
Pinze tiralingua



YOUNG 1:2

170 mm – 6¾ "	12-166-170



1:1



1:1

12-165-000

1 Paar Ersatz Gummi-Einsätze
1 Pair rubber-inserts
1 Paire des inserts en cautchouc
1 Juego de insertos de goma
1 Paio d'inserti di gomma



COLLIN

160 mm – 6¼ "	12-166-160
170 mm – 6¾ "	12-167-170
190 mm – 7½ "	12-167-190

Wangenhalter
Cheek retractors

Ecarteur des joues
Separador de mejillas
Divaricatori per guancia



STERNBERG

120 mm – 4 ¾ "	12-168-120
140 mm – 5 ½ "	12-168-140
160 mm – 6 ¼ "	12-169-160
180 mm – 7 "	12-169-180

katheterzangen
Catheter forceps
Pinces pour cathéters
Pinzas para catéteres
Pinze per catetere





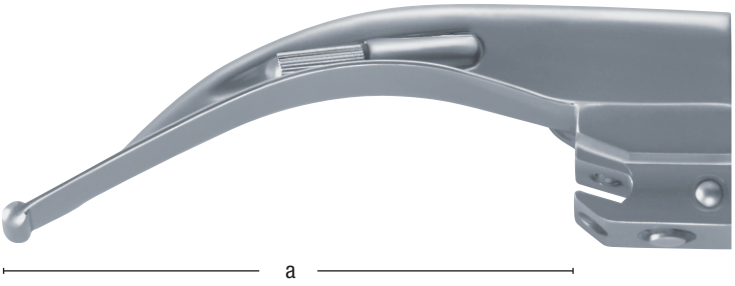




MAGILL

160 mm – 6¼"	12-170-160		
200 mm – 8"		12-170-200	
250 mm – 9"			12-171-245

laryngoskope
Laryngoscopes
Laryngoscopes
Laringoscopios
Laringoscopi



MCINTOSH

Fig. 0	Fig. 1	Fig. 2	Fig. 3	Fig. 4	Fig. 5
a = 56 mm	a = 68 mm	a = 88 mm	a = 108 mm	a = 128 mm	a = 150 mm
12-172-000	12-172-001	12-172-002	12-172-003	12-172-004	12-172-005

rostfrei
stainless steel
inoxydable
inoxidable
inossidabile



Fig. 0	Fig. 1	Fig. 2	Fig. 3	Fig. 4	Fig. 5
12-173-001	12-173-001	12-173-002	12-173-002	12-173-002	12-173-002

Ersatzlampe
Spare lamp
Lampe de rechange
Bombilla de sustitución
Lampadina di ricambio



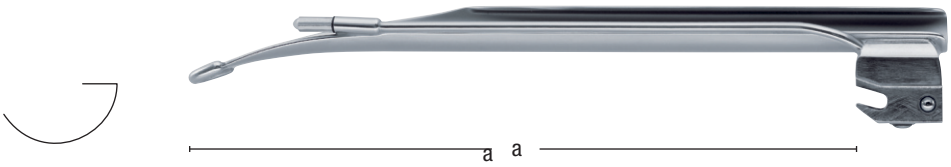
	Fig. 0	Fig. 1	Fig. 2	Fig. 3	Fig. 4
	a = 55 mm	a = 70 mm	a = 90 mm	a = 110 mm	a = 130 mm
12-182-000			x	x	x
12-182-000/6		x	x	x	x
12-182-000/2	x	x	x	x	

Satz im Etui mit Griff rostfrei (Griff: 12-181-000, Seite 550)
Set in case with handle stainless steel (handle: 12-181-000, page 550)
Trousse à laryngoscopie en boîte avec manche inoxydable (manche: 12-181-000, page 550)
Juego de laringoscopio, en caja, con mango inoxidable (mango: 12-181-000, página 550)
Astuccio da laringoscopia, in cassetta, manico inossidabile (manico: 12-181-000, pagina 550)

	52-120-006	52-120-002	52-120-000
Etui für McIntosh, leer Case for McIntosh, empty Etui pour McIntosh, vide Estuche para McIntosh, vacío Astuccio per McIntosh, vuoto	für 3 Spatel for 3 blades pour 3 spatules para 3 espátulas per 3 spatole	für 4 Spatel for 4 blades pour 4 spatules para 4 espátulas per 4 spatole	für 5 Spatel for 5 blades pour 5 spatules para 5 espátulas per 5 spatole

laryngoskope
Laryngoscopes

Laryngoscopes
Laringoscopios
Laringoscopi



MILLER

Fig. 0	Fig. 1	Fig. 2	Fig. 3	Fig. 4
a = 55 mm	a = 80 mm	a = 130 mm	a = 170 mm	a = 180 mm
52-152-000	52-152-001	52-152-002	52-152-003	52-152-004

rostfrei
stainless steel
inoxydable
inoxidable
inossidabile



Fig. 0	Fig. 1	Fig. 2	Fig. 3	Fig. 4
12-173-001	12-173-001	12-173-002	12-173-002	12-173-002

Ersatzlampe
Spare lamp
Lampe de rechange
Bombilla de sustitución
Lampadina di ricambio

	Fig. 0	Fig. 1	Fig. 2	Fig. 3	Fig. 4
	a = 55 mm	a = 80 mm	a = 130 mm	a = 170 mm	a = 180 mm
12-174-000			x	x	x
12-174-004		x	x	x	x
12-174-008	x	x	x	x	x

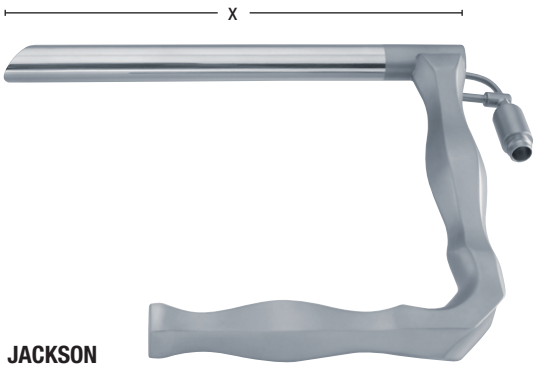
Satz im Etui mit Griff rostfrei (Griff: 12-181-000, Seite 550)
Set in case with handle stainless steel (handle: 12-181-000, page 550)
Trousse à laryngoscopie en boîte avec manche inoxydable (manche: 12-181-000, page 550)
Juego de laringoscopio, en caja, con mango inoxidable (mango: 12-181-000, página 550)
Astuccio da laringoscopia, in cassetta, manico inossidabile (manico: 12-181-000, pagina 550)

	12-175-000

Etui für Miller, leer — für 5 Spatel
Case for Miller, empty — for 5 blades
Etui pour Miller, vide — pour 5 spatules
Estuche para Miller, vacío — para 5 espátulas
Astuccio per Miller, vuoto — per 5 spatole

laryngoskope
Laryngoscopes

Laryngoscopes
Laringoscopios
Laringoscopi



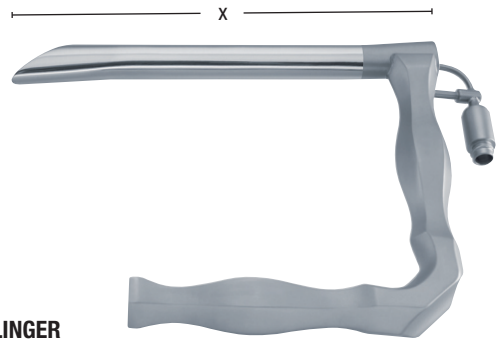
JACKSON

	x = 120 mm	x = 170 mm	x = 180 mm
	12-176-120	12-176-170	12-176-180
Jackson mit Lichtträger, rostfrei Jackson with light carrier, stainless steel Jackson avec porte de lumière, inoxydable Jackson con porta fibras, inoxidable Jackson con porta luce, inossidabile	für Säuglinge for babys pour nourissons para lactantes per lattanti	für Kinder for children pour enfants para niños per bambini	für Erwachsene for adults pour adultes para adultos per adulti

	x = 120 mm	x = 170 mm	x = 180 mm
	12-177-120	12-177-170	12-177-180
Lichtträger, allein, für Jackson Light carrier, only, for Jackson Porte de lumière, seul, pour Jackson Porta fibras, sola, para Jackson Porta luce, sola, per Jackson	für Säuglinge for babys pour nourissons para lactantes per lattanti	für Kinder for children pour enfants para niños per bambini	für Erwachsene for adults pour adultes para adultos per adulti

laryngoskope
Laryngoscopes

Laryngoscopes
Laringoscopios
Laringoscopi



HOLINGER

	x = 171 mm	x = 180 mm
	12-178-171	12-178-180

Holinger mit Lichtträger, rostfrei
Holinger with light carrier, stainless steel
Holinger avec porte de lumière, inoxydable
Holinger con porta fibras, inoxidable
Holinger con porta luce, inossidabile

	x = 171 mm	x = 180 mm
	12-179-171	12-179-180

Lichtträger, allein, für Holinger
Light carrier, only, for Holinger
Porte de lumière, seul, pour Holinger
Porta fibras, sola, para Holinger
Porta luce, solo, per Holinger

laryngoskop-griffe
Laryngoscope handles
Manches pour laryngoscopes
Mangos de laringoscopios
Manici per laringoscopi



1:1

12-180-000

rostfrei
stainless steel
inoxydable
inoxidable
inossidabile



1:1

12-181-000

rostfrei
stainless steel
inoxydable
inoxidable
inossidabile

TC

Alle Griffe sind nur in Gas sterilisierbar oder in einer Lösung zu desinfizieren. Keine Sterilisation in Autoklaven und Heissluft. In jedem Fall vorher den Akkumulator oder den Batteriecontainer entnehmen.

All handles are only sterilizable in a gassterilizer or can be cleaned in a desinfection solution. Not autoclavable and no sterilisation in hot-air. Akkumula tor or battery housing must be taken off befor.

Toutes les manches peuvent être stérilisées à gaz ou dans une solution désinfectante.
Aucune stérilisation dans l'autoclave et à l'air chaud. Accumulateur ou contenair des piles doit ètre enlevé.

Todos los mangos son solamente esterilizables en gas o en una solución de desinfección.
No esterilizer en el autoclave o con aire caliente. En todo caso, quitar el acumulador o el contenedor de las pilas.

Tutti i manici sono soltanto imergibili oppure sterilizzabili in gas. Nessuna sterilizzazione in autoclave o aria calda.
In tutti i casi dovete prima rimuovere l'accumulatore o il contenitore di batterie.

laryngoskope – kaltlicht
Laryngoscopes – Cold light
Laryngoscopes – lumière froide
Laringoscopios – luz fría
Laringoscopi – luce fredda



MCINTOSH

Fig. 0	Fig. 1	Fig. 2	Fig. 3	Fig. 4	Fig. 5
a = 55 mm	a = 70 mm	a = 90 mm	a = 110 mm	a = 130 mm	a = 150 mm
12-182-000	12-182-001	12-182-002	12-182-003	12-182-004	12-182-005

rostfrei
stainless steel
inoxydable
inoxidable
inossidabile



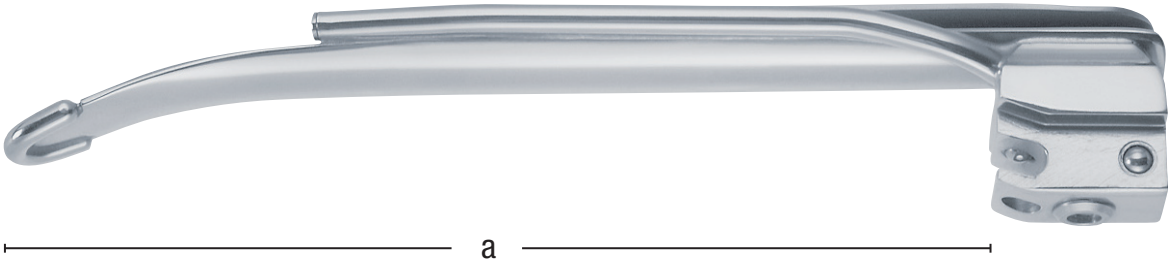
	Fig. 0	Fig. 1	Fig. 2	Fig. 3	Fig. 4
	a = 55 mm	a = 70 mm	a = 90 mm	a = 110 mm	a = 130 mm
12-183-000			x	x	x
12-183-000/3		x	x	x	x
12-183-000/8	x	x	x	x	x

Satz im Etui mit Griff rostfrei (Griff: 12-186-000, Seite 553)
Set in case with handle stainless steel (handle: 12-186-000, page 553)
Trousse à laryngoscopie en boîte avec manche inoxydable (manche: 12-186-000, page 553)
Juego de laringoscopia, en caja, con mango inoxidable (mango: 12-186-000, pagina 553)
Astuccio da laringoscopia, in cassetta, manico inossidabile (manico: 12-186-000, pagina 553)

TC

Sterilisier-Information: Alle Spatel können bis 134 °C im Autoklaven sterilisiert werden.
Sterilizing information: All blades are autoclavable up to 134 °C.
Information pour la stérilisation: Toutes les spatules peuvent être stérilisées jusqu'à 134 °C dans l'autoclave.
Información para la esterilización: Todas las espátulas pueden ser esterilizadas en el autoclave a 134 °C.
Informazione per la sterilizzazione: Tutte le spatole possono essere sterilizzate nell'autoclave fino a 134 °C.

laryngoskope – kaltlicht
Laryngoscopes – Cold light
Laryngoscopes – lumière froide
Laringoscopios – luz fría
Laringoscopi – luce fredda





MILLER

Fig. 0	Fig. 1	Fig. 2	Fig. 3	Fig. 4
a = 55 mm	a = 80 mm	a = 130 mm	a = 170 mm	a = 180 mm
12-184-000	12-184-001	12-184-002	12-184-003	12-184-004

rostfrei
stainless steel
inoxydable
inoxidable
inossidabile



	Fig. 0	Fig. 1	Fig. 2	Fig. 3	Fig. 4
	a = 55 mm	a = 80 mm	a = 130 mm	a = 170 mm	a = 180 mm
12-185-000			x	x	x
12-185-001		x	x	x	x
12-185-002	x	x	x	x	x

Satz im Etui mit Griff rostfrei (Griff: 12-186-000, Seite 553)
Set in case with handle stainless steel (handle: 12-186-000, page 553)
Trousse à laryngoscopie en boîte avec manche inoxydable (manche: 12-186-000, page 553)
Juego de laringoscopio, en caja, con mango inoxidable (mango: 12-186-000, página 553)
Astuccio da laringoscopia, in cassetta, manico inossidabile (manico: 12-186-000, pagina 553)

TC

Sterilisier-Information: Alle Spatel können bis 134 °C im Autoklaven sterilisiert werden.
Sterilizing information: All blades are autoclavable up to 134 °C.
Information pour la stérilisation: Toutes les spatules peuvent être stérilisées jusqu'à 134 °C dans l'autoclave.
Información para la esterilización: Todas las espátulas pueden ser esterilizadas en el autoclave a 134 °C.
Informazione per la sterilizzazione: Tutte le spatole possono essere sterilizzate nell'autoclave fino a 134 °C.

laryngoskop-griffe – kaltlicht
Laryngoscope handles – Cold light

Manche pour laryngoscopes – lumière froide
Mangos de laringoscopios – luz fría
Manici per laringoscopi – luce fredda



1:2

12-186-000

Griff mit Batteriencontainer und Halogen-Lampe
Handle with battery container and halogen lamp
Manche avec conteneur à pile et lampe halogène
Mango con contenedor para pilas, luz halógena
Manico con contenitore per pila, lampada alogena



1:2

12-186-001

Griff mit Batteriecontainer und Xenon-Lampe
Handle with battery container and xenon lamp
Manche avec conteneur à pile et lampe xenon
Mango con contenedor para pilas, luz xenón
Manico con contenitore per pila, luce xenon

akkumulatoren und Batteriecontainer
Accumulators and battery containers
Accumulateurs et conteneurs de piles
Acumuladores y contenedores para pilas
Accumulatori e contenitori per pila

1:1 

2,5 V

12-188-002

für Batteriehandgriffe
for battery
pour de piles
para de pilas
per manici a pila

Xenon Ersatzlampen, 1 Packung à 6 Stück
Xenon spare lamps, pack of 6 pieces
Xenon lampe de rechange, jeu de 6 pièces
Xenón bombilla de cambio, juego de 6 piezas
Lampadina di ricambio Xenon, confezione da 6 pezzi

1:1 

12-188-001

Halogen Ersatzlampe
Halogen spare lamp
Halogéne lampe de rechange
Halógeno bombilla de cambio
Lampadina di ricambio alogena

operationslaryngoskope
Operation laryngoscopes
Laryngoscopes pour interventions chirurgicales
Laringoscopios para operaciones
Laringoscopi per l'intervento chirurgico

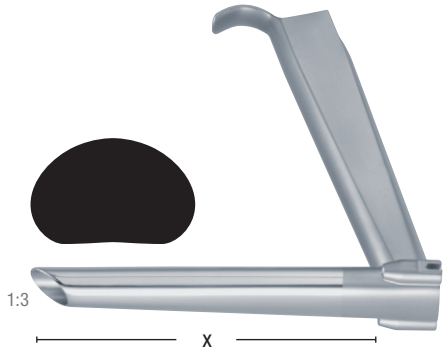


Fig. 1	
x = 135 mm	12-189-001

Rostfreier Edelstahl
Stainless steel
Acier inoxydable
Acero inoxidable
Acciaio inossidabile

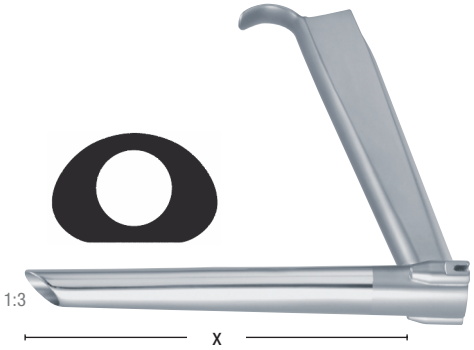


Fig. 2	
x = 152 mm	12-189-002

Rostfreier Edelstahl
Stainless steel
Acier inoxydable
Acero inoxidable
Acciaio inossidabile

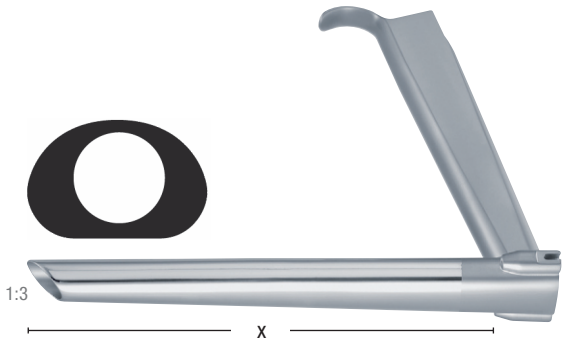


Fig. 3	
x = 182 mm	12-189-003

Rostfreier Edelstahl
Stainless steel
Acier inoxydable
Acero inoxidable
Acciaio inossidabile

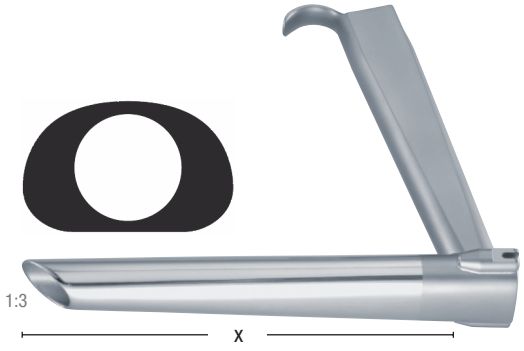


Fig. 4	
x = 172 mm	12-189-004

Rostfreier Edelstahl
Stainless steel
Acier inoxydable
Acero inoxidable
Acciaio inossidabile

operationslaryngoskope
Operation laryngoscopes
Laryngoscopes pour interventions chirurgicales
Laringoscopios para operaciones
Laringoscopi per l'intervento chirurgico

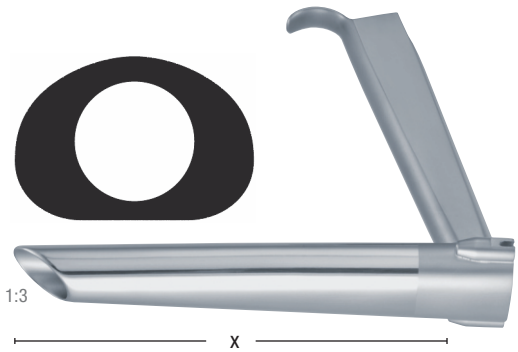


Fig. 5	
x = 172 mm	12-189-005

Rostfreier Edelstahl
Stainless steel
Acier inoxydable
Acero inoxidable
Acciaio inossidabile

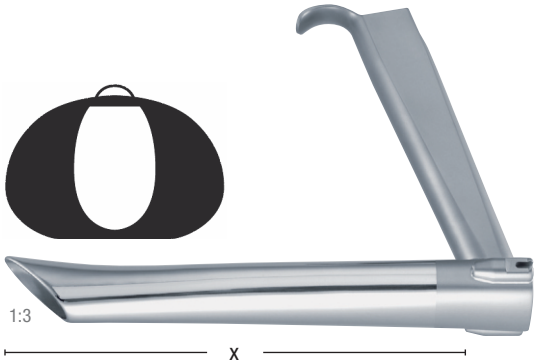


Fig. 6	
x = 182 mm	12-189-006

Rostfreier Edelstahl
Stainless steel
Acier inoxydable
Acero inoxidable
Acciaio inossidabile

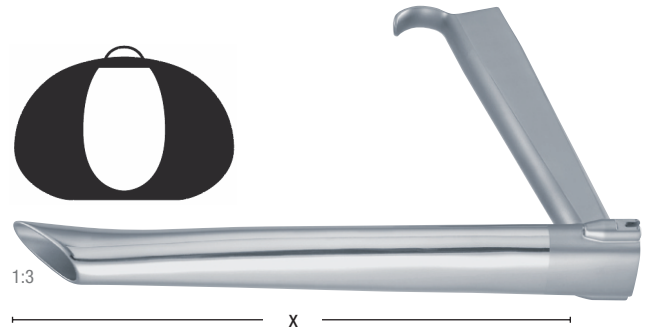
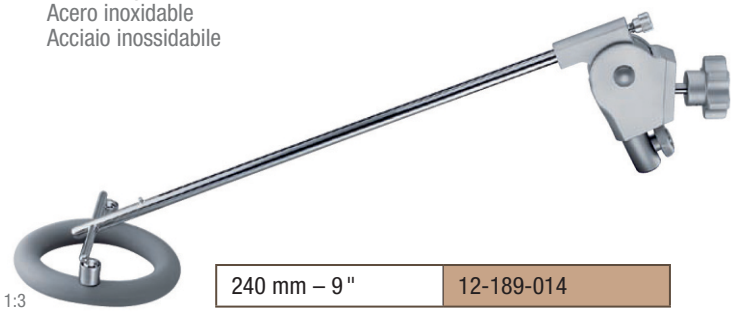


Fig. 7	
x = 222 mm	12-189-007

Rostfreier Edelstahl
Stainless steel
Acier inoxydable
Acero inoxidable
Acciaio inossidabile



240 mm – 9"	12-189-014

Bruststütze mit Stützstange für Erwachsene
Chest-support with support-rod for adults
Appui-poitrine avec tige pour adultes
Soporte de pecho con vara para adultos
Supporto per petto con asta per adulti

240 mm – 9"	12-189-012

Stützstange für Kinder
Support-rod for children
Tige pour enfants
Vara para niños
Asta per bambini

Fiberglas-lichtträger
Fibreglass light-guides
Portes lumière-froide
Porta fibras
Porta luce fibreottica



12-189-020

für Laryngoskope 12-189-001 – 12-189-002
for laryngoscopes 5250-01 – 5250-02
pour laryngoscopes 5250-01 – 5250-02
para laringoscópios 5250-01 – 5250-02
per laringoscopi 5250-01 – 5250-02



12-189-022

Rauchabsaugrohr für Laryngoskope 12-189-003 – 12-189-006
Suction tube for laryngoscopes 5250-03 – 5250-07
Tube d'aspiration pour laryngoscopes 5250-03 – 5250-07
Tubo de aspiración para laringoscópios 5250-03 – 5250-07
Tubo d'aspirazione per laringoscopi tk 5250-03 – tk 5250-07



12-189-030

Injektionskanüle für Laryngoskope 12-189-001 – 12-189-007
Injections drain tube for laryngoscopes 5250-01 – 5250-07
Canule à injection pour laryngoscopes 5250-01 – 5250-07
Cánula de inyección para laringoscópios 5250-01 – 5250-07
Cannula d'iniezione per laringoscopi 5250-01 – 5250-07



12-189-024

für Laryngoskop 12-189-007
for laryngoscope 5250-07
pour laryngoscope 5250-07
para laringoscópio 5250-07
per laringoscopio 5250-07

» Mikro- und Neurochirurgie

» Micro- and neuro surgery

» Chirurgie micro et neuro

» Cirugía micro y neuro

» Micro- e Neuro-Chirurgia

NJ ENTERPRISES



Schädelhalter
Cervical traction tongs

Pinces de traction crânienne
Pinzas de tracción cranial
Pinze per trazione craniale



1:3

CRUTCHFIELD

13-101-000



1:3

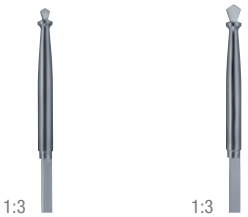
13-102-000



1:3

13-104-000

grosses Modell, für Extension der Halswirbel – kein Vorbohren erforderlich – Dorne verstellbar
large type, cervical traction tongs – pins adjustable no drilling to be done
modèle large, distracteur cervicale – poinçons ajustables pas de perçage nécessaire
modelo grande, distractor cervical – espigas ajustables sin necesidad de trepanar
modello grande, distrattore cervicale, pin ajjustabili, non necesisita di perforare, regolabili



1:3 1:3

	3.5 mm Ø	5.0 mm Ø
13-103-035	x	
13-103-050		x

Satz à 2 Stück für 13-101-000 und 13-102-000
Set of 2 pieces for 13-101-000 and 13-102-000
Jeu à 2 pièces pour 13-101-000 et pour 13-102-000
Juego con 2 piezas para 13-101-000 y para 13-102-000
Completo con 2 pezzi per 13-101-000 e per 13-102-000

13-105-000

Ersatzdorn für 13-104-000
Spare pin for 13-104-000
Goupille de rechange pour 13-104-000
Perno de cambio para 13-104-000
Punta di ricambio 13-104-000



1:2

13-106-190

Gabelschlüssel, doppelendig zu 13-104-000
Wrench, double-ended for 13-104-000
Clé de fixation, pour 13-104-000
Llave de tuercas, para 13-104-000
Chiave per 13-104-000

ndbohrapparate
Hand drills
Perforateurs à main
Perforadores a mano
Perforatori a mano


1:3

HUDSON

270 mm – 10 ¾ "	13-108-000

Handbohrapparate alleine
Hand drills only
Perforateurs à main seul
Perforadores a mano sólo
Perforatori a mano solo

270 mm – 10 ¾ "	13-108-016

komplett mit 4 Bohrern (Fig. 1 – Fig. 4) und Verlängerungsstück
complete with 4 twist drills (Fig. 1 – Fig. 4) and extension piece
complèt avec 4 mêches (Fig. 1 – Fig. 4) et pièce d'extension
completa con 4 fresas (Fig. 1 – Fig. 4) y pieza de prolongación
completo con 4 frese (Fig. 1 – Fig. 4) e pezzo di prolungazione


1:2

13-108-009

Verlängerungsstück
Extension piece
Pièce d'extension
Pieza de prolongación
Pieza di prolungazione

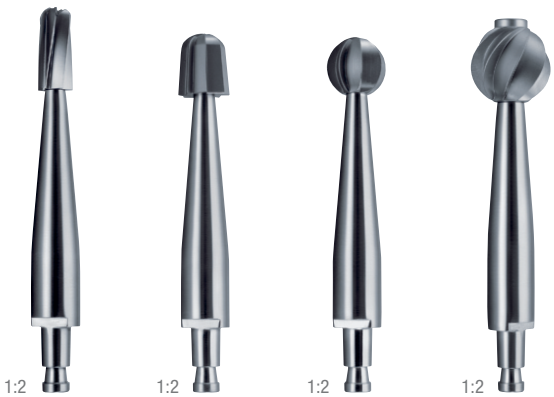

1:2 1:2 1:2 1:2

Fig. 1	Fig. 2	Fig. 3	Fig. 4
9 mm Ø	14 mm Ø	16 mm Ø	22 mm Ø
13-108-001	13-108-002	13-108-003	13-108-004

CUSHING


1:2

14 mm Ø
13-108-005

MCKENZIE


1:2

13 mm Ø
13-109-070

instrumente zur Schädelöffnung
Instruments for cranial opening

Instruments pour l'ouverture du crâne
Instrumentos para apertura craneana
Strumenti per l'apertura del cranio



DE MARTEL 1:2

330 mm – 13 "	13-112-330



ADSON 1:2

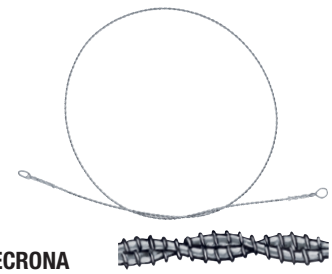
150 mm – 6 "	13-110-150



1:2

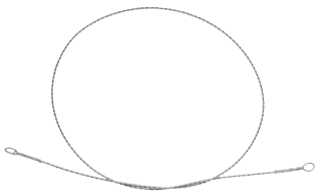
DE VILBISS

210 mm – 8 ¼ "	13-111-210



OLIVECRONA

300 mm – 12 "	13-113-300
400 mm – 16 "	13-113-400
500 mm – 20 "	13-113-500
600 mm – 23 ½ "	13-113-600
700 mm – 27 ½ "	13-113-700



GIGLI

300 mm – 12 "	13-114-300
400 mm – 16 "	13-114-400
500 mm – 20 "	13-114-500

6-teilig
6 wires twisted
6 fils tordus
6 alambres torcidos
6 fili attorcigliati



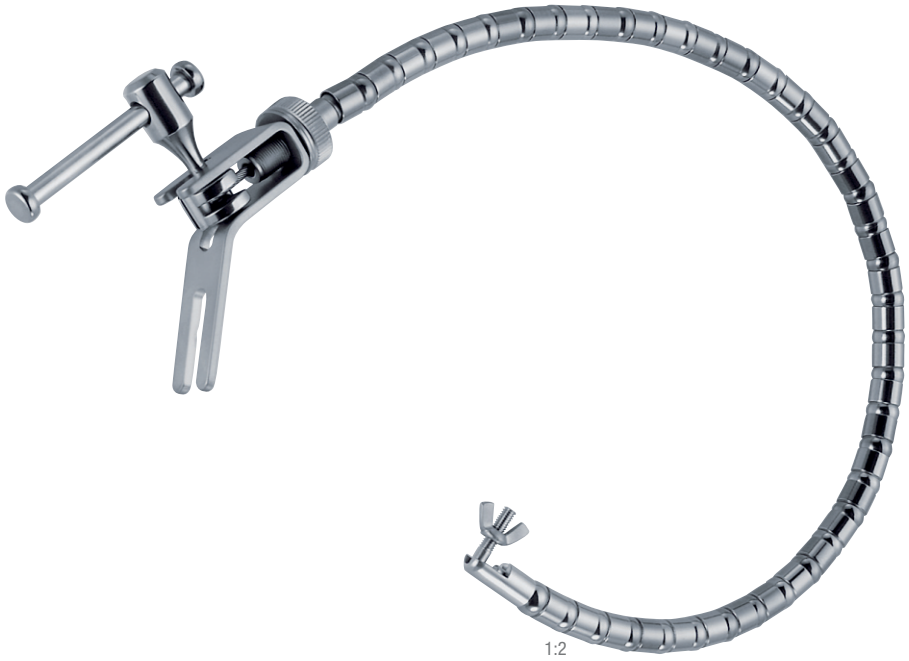
1:2

GIGLI

13-115-000

Selbsthaltender hirnretraktor
Self-retaining brain retractor

Retracteur cérébrale autostatique
Separador cerebral autostático
Rettratore celebrale autostatico



1:2

	13-117-000
Selbsthaltender Hirnretraktor, flexibel mit 1 Spannarm, komplett, bestehend aus: Fixierungsvorrichtung für 1 Spannarm, Spannarm und Spatelhalter für flache Spatel Brain retractor self-retaining, with 1 flexible arm, complete, consisting of: fixation base for 1 flexible arm, flexible arm only, support for flat brain spatulas Retracteur cérébrale autostatique, flexible avec 1 tendeur, complét avec support pour 1 tendeur, tendeur et porte-spatule pour spatules plates Separador cerebral autostático, 1 brazo flexible con soporte, completo con brazo y soporte para espátulas llanas Rettratore celebrale autostatico, flessibile Completo, contente: supporto di fissaggio per un braccio, 1 braccio flessible con supporto di fissaggio per spatole piatte	Selbsthaltender Hirnretraktor, flexibel mit 2 Spannarmen, komplett, bestehend aus: Fixierungsvorrichtung für 2 Spannarme, 2 Spannarme und 2 Spatelhalter für flache Spatel Brain retractor self-retaining, with 2 flexible arms, complete, consisting of: fixation base for 2 flexible arms, 2 flexible arms, 2 supports for flat brain spatulas Retracteur cérébrale autostatique, flexible avec 2 tendeurs, complét avec supports pour 2 tendeurs, 2 tendeurs et 2 portes-spatule pour spatules plates Separador cerebral autostatico, 2 brazos flejibles con soporte, completo con brazos y soporte para 2 spatulas llanas Rettratore celebrale autostatico, flessibile con 2 bracci completi, contiene: supporto di fissaggio per bracci per 2 spatole piatte

Selbsthaltender hirnretraktor
Self-retaining brain retractor
Retracteur cérébrale autostatique
Separador cerebral autostático
Rettratore celebrale autostatico



1:1

Fixierungsvorrichtung allein, für 2 Spannarme
Fixation base only, holding 2 flexible arms
Support seul pour 2 tendeurs
Soporte sólo para 2 brazos de separador
Supporto di fissaggio per 2 bracci, solo

13-118-050

Fixierungsvorrichtung allein, für 1 Spannarm
Fixation base only, holding 1 flexible arm
Support seul pour 1 tendeur
Soporte sólo para 1 brazo de separador
Supporto di fissaggio per 1 braccio, solo

13-118-090

Spatelhalter allein, für Flachspatel
Support only, for flat brain spatulas
Porte-spatule seul, pour spatules plates
Soporte sólo, para espátulas planos
Supporto solo, per fissaggio di spatole piatte

13-118-100

Spatelhalter allein, für Spatel mit Rundschaft
von 4 mm und 5 mm Ø, zum Befestigen am Spannarm
Support only, for brain spatulas with round shaft
of 4 mm and 5 mm Ø to fix on the flexible arm
Porte-spatule seul pour la fixation des spatules
de 4 mm et 5 mm Ø diam
Soporte sólo para la fijación de espátulas
de 4 mm y 5 mm Ø al brazo
Supporto solo per spatole con asta tonda
di Ø 4 mm e 5 mm

13-118-080

Spannarm allein – zum Aufstecken auf Kupplungsköpfe
und Fixierungsvorrichtungen
Flexible arm only – for attaching coupling heads and
for fixation bases
Tendeur flexible seul – pour le montage sur supports
et accouplements
Brazo flejible sólo para montar sobre soportes
Braccio flessibile sólo – per il montaggio sul supporto
di fissaggio

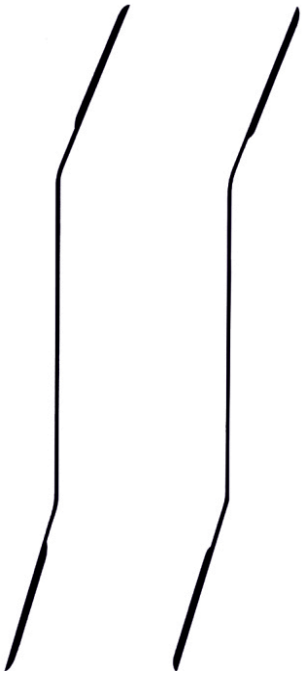
hirnspatel
Brain spatula
Spatules cérébrales
Espátulas cerebrales
Spatole celebrali



CUSHING

	180 mm – 7 "
7 mm x 9 mm	13-119-070
11 mm x 13 mm	13-119-110
15 mm x 18 mm	13-119-150
18 mm x 22 mm	13-119-180





OLIVECRONA

	180 mm – 7 "	180 mm – 7 "
7 mm x 9 mm	13-120-007	13-121-007
11 mm x 13 mm	13-120-011	13-121-011
15 mm x 18 mm	13-120-015	13-121-015
18 mm x 22 mm	13-120-018	13-121-018
	konvex convex convexe convexa convessa	konkav concave concave cóncava concava



HEIFETZ

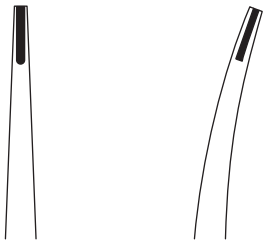
	200 mm – 8 "
x = 8 mm	13-122-080
x = 11 mm	13-122-110
x = 14 mm	13-122-140
x = 17 mm	13-122-170
x = 20 mm	13-122-200

biegsam
malleable
malléable
maleable
flessibile

McKenzie instrumentarium
McKenzie instruments

McKenzie instruments
Instrumentos McKenzie
Strumenti McKenzie

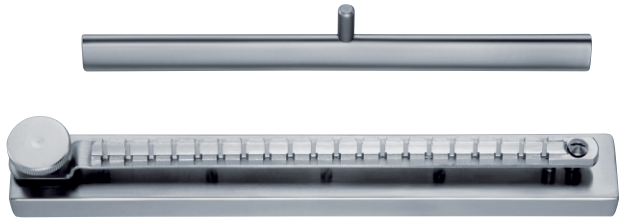




MCKENZIE

150 mm – 6 "	13-123-150	13-124-150
190 mm – 7½ "	13-123-190	13-124-190

Zangen zum Anlegen der Klammern
Clip applying forceps
Pinces pour poser des agrafes
Pinzas para poner grapas
Pinze per mettere le agraffe



MCKENZIE 1:2

148 mm x 40 mm x 6 mm – 5¾ " x 1 ½ " x ½ "	13-125-000

Klammerblock für 20 Klammern
Brain clip rack for 20 clips
Porte-agrafes pour 20 agrafes
Porta-grapas para 20 grapas
Supporto port'agraffes per 20 agraffe



1:1

13-126-100

100 Klammern im Plastikbehälter
100 Brain clips in plastic box
100 agrafes dans un tube de plastique
100 grapas en tubo de plástico
100 agraffes nella scatola di plastica

Clips und anlegezangen
Clips and applying forceps
Clips et pinces à appliquer
Clips y aplicadores
Clips e pinze per mettere clips



OLIVECRONA-TOENNIS
(SCOVILLE)

x = 140 mm – 5½ "	13-127-145



RANEY

150 mm – 6 "	13-128-000



13-129-000

Kopfhautklammer „Raney“
Scalp clip “Raney”
Agrafes pour le cuir chevelu «Raney»
Grapa para cuero cabelludo "Raney"
Agraffes per il cuoio capelluto „Raney“

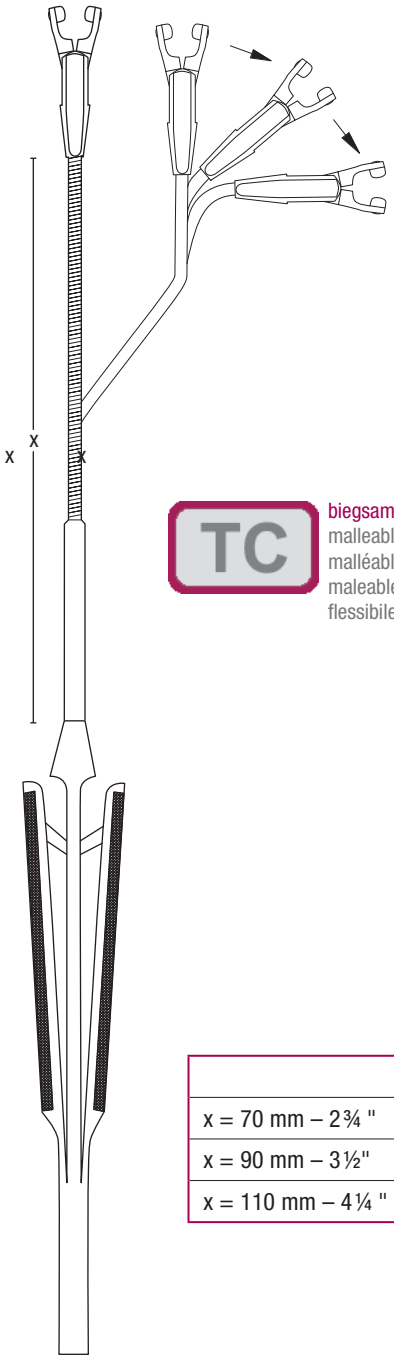


13-130-000

Kopfhautklammer „Köln“ (Packung mit 10 Stück)
Scalp clip “Köln” (Package of 10 pieces)
Agrafes pour le cuir chevelu «Köln» (Paquet de 10 pièces)
Grapa para cuero cabelludo "Köln" (Paquetes de 10 piezas)
Agraffes per il cuoio capelluto „Köln“ (Confezione da 10 pezzi)

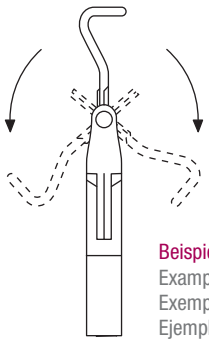
Anlegezangen für Yasargil Clips
Applying forceps for Yasargil clips

Pince à poser pour des clips Yasargil
Aplicadora para clips Yasargil
Pinze per mettere clips Yasargil

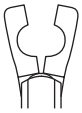


TC

biegsam
malleable
malléable
maleable
flessibile

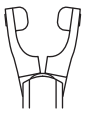


Beispiel für Drehmechanismus
Example for rotation
Exemple pour la rotation
Ejemplo de rotación
Esempio per la rotazione



	Mini	Standard
x = 70 mm – 2¾ "	13-131-002	13-132-002
x = 90 mm – 3½"	13-131-004	13-132-004
x = 110 mm – 4¼ "	13-131-006	13-132-006

nicht drehbar
non rotating
non rotatif
no rotatorio
non rotativo

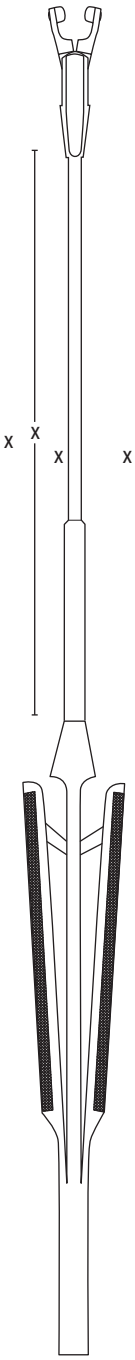


Mini	Standard
13-131-020	13-132-020
13-131-022	13-132-022
13-131-024	13-132-024

drehbar
rotating
rotatif
rotatorio
rotativo

Anlegezangen für Yasargil Clips
Applying forceps for Yasargil clips

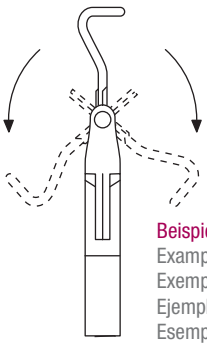
Pince à poser pour des clips Yasargil
Aplicadora para clips Yasargil
Pinze per mettere clips Yasargil



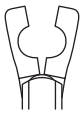
TC

starr
rigid
rigide
rigido
rigido

x

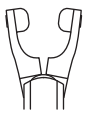


Beispiel für Drehmechanismus
Example for rotation
Exemple pour la rotation
Ejemplo de rotación
Esempio per la rotazione



	Mini	Standard
x = 70 mm – 2¾ "	13-133-002	13-134-002
x = 90 mm – 3½ "	13-133-004	13-134-004
x = 110 mm – 4¼ "	13-133-006	13-134-006

nicht drehbar
non rotating
non rotatif
no rotatorio
non rotativo

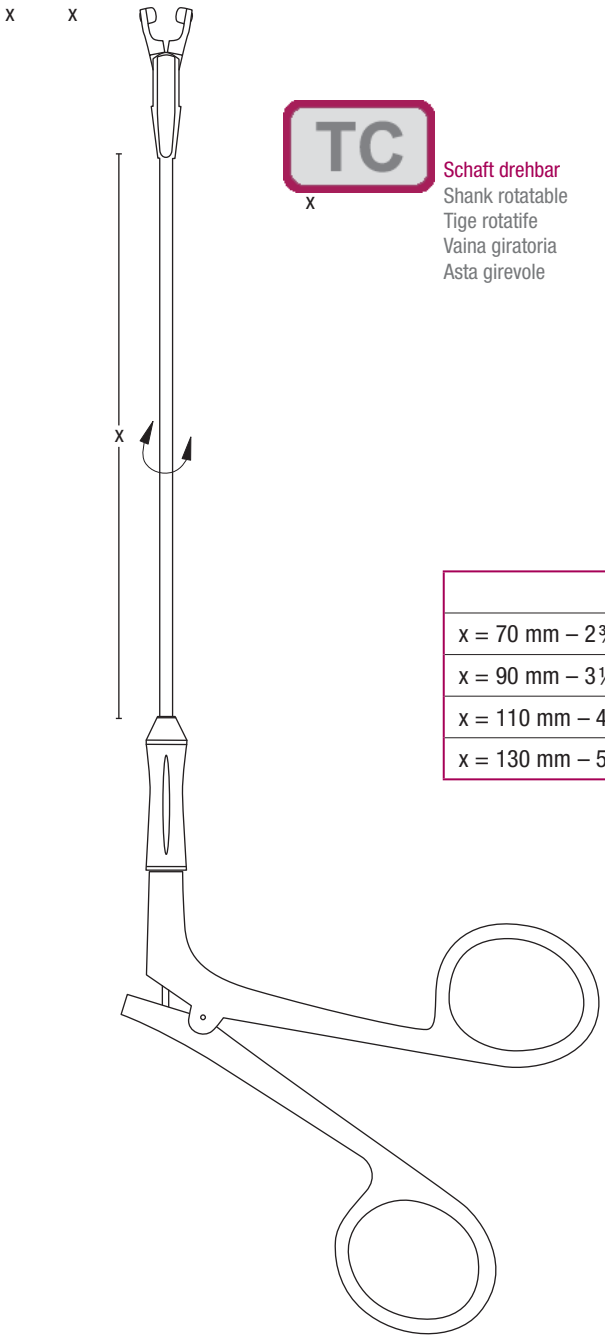


Mini	Standard
13-133-020	13-134-020
13-133-022	13-134-022
13-133-024	13-134-024

drehbar
rotating
rotatif
rotatorio
rotativo

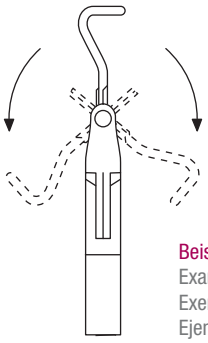
Anlegezangen für Yasargil Clips
Applying forceps for Yasargil clips

Pince à poser pour des clips Yasargil
Aplicadora para clips Yasargil
Pinze per mettere clips Yasargil

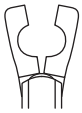


TC

Schaft drehbar
Shank rotatable
Tige rotatife
Vaina giratoria
Asta girevole

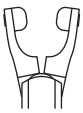


Beispiel für Drehmechanismus
Example for rotation
Exemple pour la rotation
Ejemplo de rotación
Esempio per la rotazione



	Mini	Standard
x = 70 mm – 2¾ "	13-135-270	13-136-270
x = 90 mm – 3½ "	13-135-290	13-136-290
x = 110 mm – 4¼ "	13-135-310	13-136-310
x = 130 mm – 5 "	13-135-330	13-136-330

nicht drehbar
non rotating
non rotatif
no rotatorio
non rotativo



Mini	Standard
13-135-070	13-136-070
13-135-090	13-136-090
13-135-110	13-136-110
13-135-130	13-136-130

drehbar
rotating
rotatif
rotatorio
rotativo

Anlegezangen für Yasargil Clips
Applying forceps for Yasargil clips

Pince à poser pour des clips Yasargil
Aplicadora para clips Yasargil
Pinze per mettere clips Yasargil



	Mini	Standard	Mini	Standard
17 mm – 6 ¾ "	13-137-170	13-138-170	13-137-370	13-138-370
21 mm – 8 ¼ "	13-137-210	13-138-210	13-137-410	13-138-410
23 mm – 9 "	13-137-230	13-138-230	13-137-430	13-138-430

bayonett-förmig, mit Sperre
bayonett shaped, with ratchet
en baionette, avec verrou
forma bayoneta, con cierre
forma baionetta, con cremagliera

drehbar
rotating
rotatif
rotatorio
rotativo



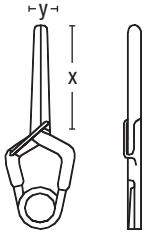
	Mini	Standard	Mini	Standard
18 mm – 7 "	13-139-180	340-774-180	13-139-280	340-774-280

gerade, mit Sperre
straight, with ratchet
droit, avec verrou
recta, con cierre
retta, con cremagliera

drehbar
rotating
rotatif
rotatorio
rotativo

aneurysmen gefäßclips
Aneurysm vessel clips
Anévrisme clips
Aneurisma clips
Clips per aneurisma e vasi

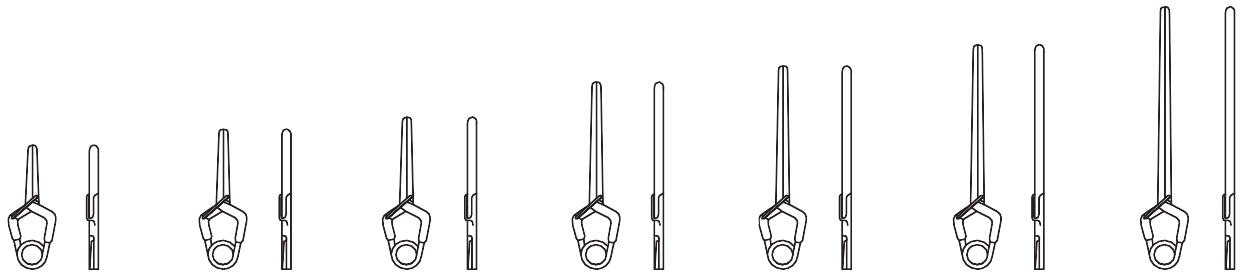
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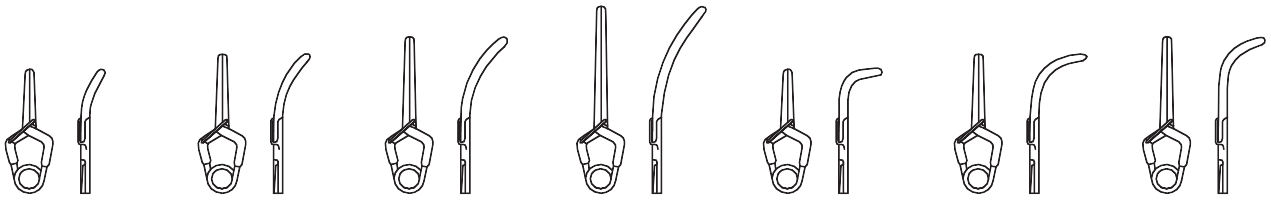
x	y	gms
Maullänge jaw length longueur du mors longitud de la boca lunghezza del morso	max. Maulöffnung max. jaw opening ouverture max. du mors apertura máx. de la boca apertura mass.	Schließkraft closing pressure force de fermeture fuerza de cierre pressione

YASARGIL-STANDARD

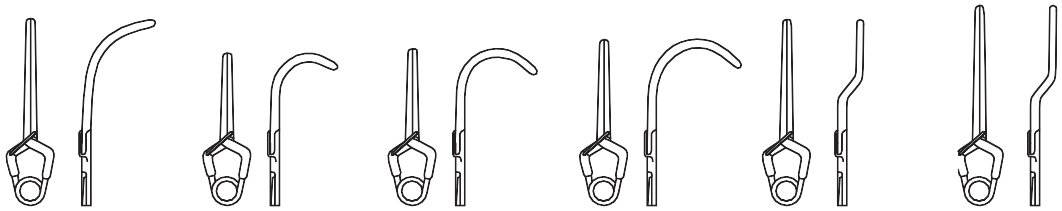
für **permanenten** Verschluss, aus hochwertigem Implantatstahl, antimagnetisch
for **permanent** closure, in high quality implant steel, antimagnetic
pour fermeture **permanente**, acier de haute qualité, anti-magnétique
para oclusión **permanente**, acero de alta calidad, antimagnético
per chiusura **permanente**, accaio di alta qualita, antimagnetico



x = 7.0 mm	x = 9.0 mm	x = 11.0 mm	x = 15.0 mm	x = 17.0 mm	x = 20.0 mm	x = 25.0 mm
y = 6.2 mm	y = 7.0 mm	y = 7.8 mm	y = 9.2 mm	y = 10.6 mm	y = 11.4 mm	y = 13.3 mm
gms = 150	gms = 180	gms = 180	gms = 200	gms = 200	gms = 200	gms = 200
13-140-550	13-141-600	13-142-680	13-143-800	13-143-106	13-143-114	13-143-133
13-140-550T	13-141-600T	13-142-680T	13-143-800T	13-143-106T	13-143-114T	13-143-133T



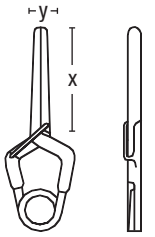
x = 7.0 mm	x = 9.0 mm	x = 11.0 mm	x = 15.0 mm	x = 7.0 mm	x = 9.0 mm	x = 11.0 mm
y = 6.0 mm	y = 6.8 mm	y = 7.5 mm	y = 8.7 mm	y = 5.5 mm	y = 6.1 mm	y = 6.5 mm
gms = 150	gms = 180	gms = 180	gms = 200	gms = 150	gms = 180	gms = 180
13-144-530	13-145-600	13-146-650	13-147-750	13-148-480	13-149-500	13-150-580
13-144-530T	13-145-600T	13-146-650T	13-147-750T	13-148-480T	13-149-500T	13-150-580T



x = 15.0 mm	x = 7.0 mm	x = 9.0 mm	x = 11.0 mm	x = 7.0 mm	x = 9.0 mm
y = 7.4 mm	y = 5.4 mm	y = 5.8 mm	y = 6.2 mm	y = 7.9 mm	y = 8.7 mm
gms = 200	gms = 180	gms = 180	gms = 180	gms = 200	gms = 200
13-151-650	13-151-054	13-151-058	13-151-062	13-152-680	13-153-750
13-151-650T	13-151-054T	13-151-058T	13-151-062T	13-152-680T	13-153-750T

Aneurysmen Gefäßclips
Aneurysm vessel clips
Anévrisme clips
Aneurisma clips
Clips per aneurisma e vasi

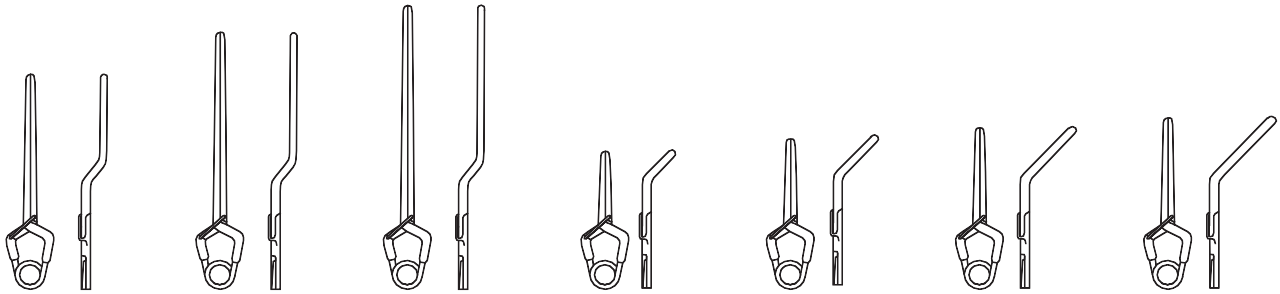
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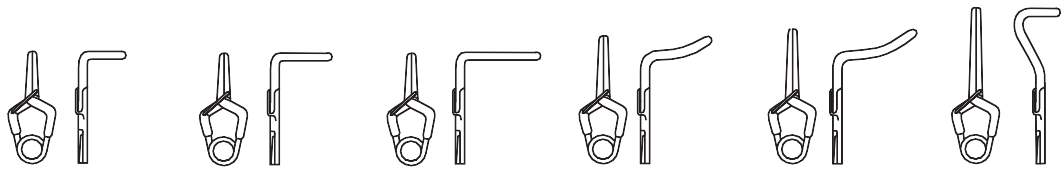
x	y	gms
Maullänge jaw length longueur du mors longitud de la boca lunghezza del morso	max. Maulöffnung max. jaw opening ouverture max. du mors apertura máx. de la boca apertura mass.	Schließkraft closing pressure force de fermeture fuerza de cierre pressione

YASARGIL-STANDARD

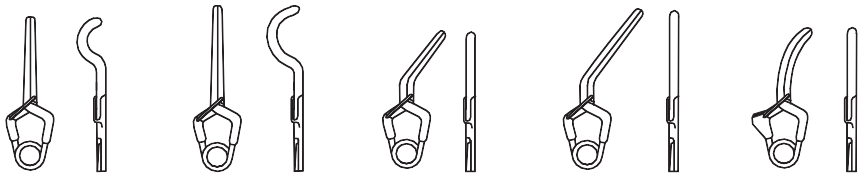
für **permanenten** Verschluss, aus hochwertigem Implantatstahl, antimagnetisch
for **permanent** closure, in high quality implant steel, antimagnetic
pour fermeture **permanente**, acier de haute qualité, anti-magnétique
para oclusión **permanente**, acero de alta calidad, antimagnético
per chiusura **permanente**, accaio di alta qualita, antimagnetico



x = 12.0 mm	x = 17.0 mm	x = 20.0 mm	x = 5.0 mm	x = 7.0 mm	x = 9.0 mm	x = 11.0 mm
y = 10.2 mm	y = 11.9 mm	y = 13.0 mm	y = 6.2 mm	y = 6.5 mm	y = 7.8 mm	y = 8.4 mm
gms = 200	gms = 180	gms = 180	gms = 200	gms = 200	gms = 200	gms = 200
13-153-102	13-153-119	13-153-130	13-154-062	13-154-065	13-154-078	13-154-084
13-153-102T	13-153-119T	13-153-130T	13-154-062T	13-154-065T	13-154-078T	13-154-084T



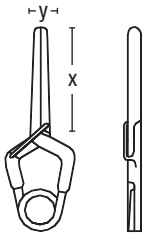
x = 5.0 mm	x = 7.0 mm	x = 10.0 mm	x = 8.0 mm	x = 10.0 mm	x = 5.0 mm
y = 5.6 mm	y = 5.6 mm	y = 5.6 mm	y = 5.4 mm	y = 5.6 mm	y = 7.2 mm
gms = 200	gms = 200	gms = 200	gms = 200	gms = 200	gms = 200
13-155-056	13-155-380	13-153-755	13-155-054	13-153-056	13-155-072
13-155-056T	13-155-380T	13-153-755T	13-155-054T	13-153-056T	13-155-072T



x = 9.0 mm	x = 11.0 mm	x = 7.0 mm	x = 11.0 mm	x = 9.0 mm
y = 7.2 mm	y = 8.2 mm	y = 5.7 mm	y = 8.0 mm	y = 7.0 mm
gms = 200	gms = 200	gms = 200	gms = 200	gms = 200
13-153-072	13-153-082	13-156-500	13-156-800	13-156-062
13-153-072T	13-153-082T	13-156-500T	13-156-800T	13-156-062T

aneurysmen gefäßclips
Aneurysm vessel clips
Anévrisme clips
Aneurisma clips
Clips per aneurisma e vasi

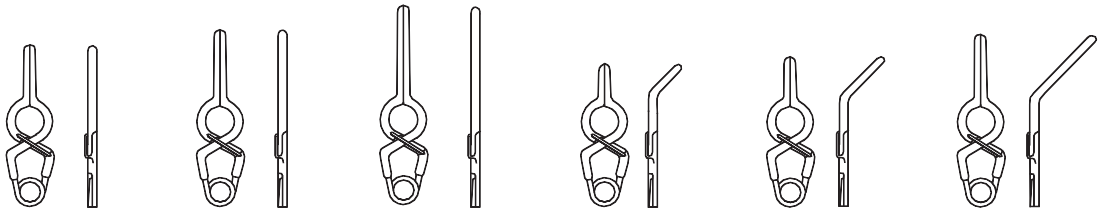
TC



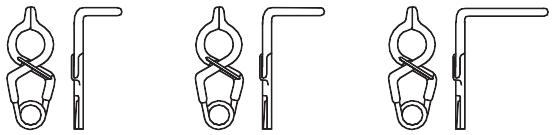
x	y	gms
Maullänge jaw length longueur du mors longitud de la boca lunghezza del morso	max. Maulöffnung max. jaw opening ouverture max. du mors apertura máx. de la boca apertura mass.	Schließkraft closing pressure force de fermeture fuerza de cierre pressione

YASARGIL-STANDARD

für **permanenten** Verschluss, mit Fenster 3.5 mm, aus hochwertigem Implantastahl, antimagnetisch
for **permanent** closure, with window 3.5 mm, in high quality implant steel, antignetic
pour fermeture **permanente**, avec fenestra 3.5 mm, acier de haute qualité, anti-magnétique
para oclusión **permanente**, finestrado de 3.5 mm, acero de alta calidad, antimagnético
per chiusura **permanente**, con finestra di 3.5 mm, accaio di alta qualita, antimagnetico



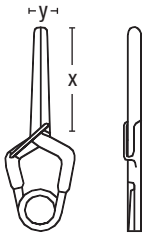
x = 7.0 mm	x = 9.0 mm	x = 12.0 mm	x = 5.0 mm	x = 7.0 mm	x = 11.0 mm
y = 7.4 mm	y = 8.4 mm	y = 9.6 mm	y = 5.8 mm	y = 6.5 mm	y = 7.2 mm
gms = 150	gms = 150	gms = 180	gms = 150	gms = 150	gms = 180
13-157-110	13-157-140	13-157-170	13-158-090	13-158-110	13-158-140
13-157-110T	13-157-140T	13-157-170T	13-158-090T	13-158-110T	13-158-140T



x = 5.0 mm	x = 7.0 mm	x = 11.0 mm
y = 4.9 mm	y = 4.9 mm	y = 4.9 mm
gms = 150	gms = 150	gms = 180
13-159-090	13-159-120	13-159-140
13-159-090T	13-159-120T	13-159-140T

Aneurysmen Gefäßclips
Aneurysm vessel clips
Anévrisme clips
Aneurisma clips
Clips per aneurisma e vasi

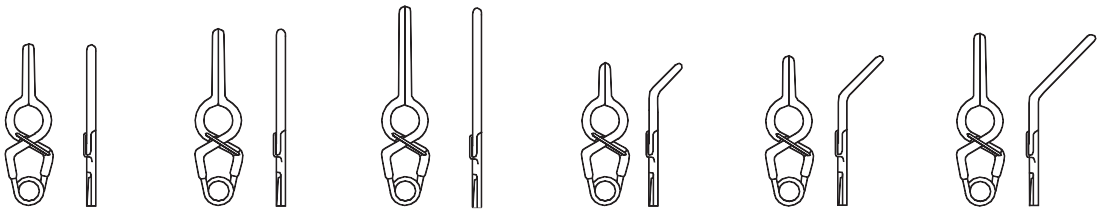
TC



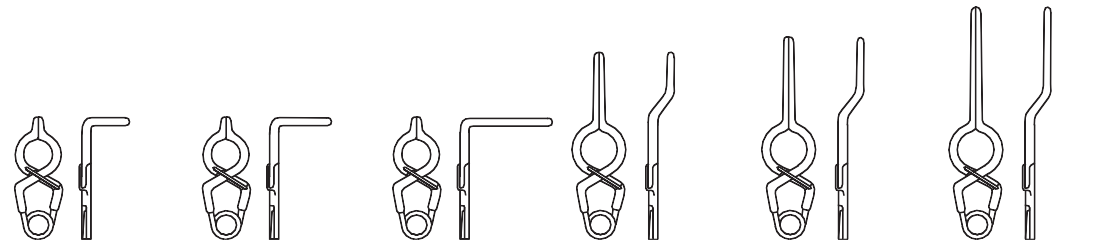
x	y	gms
Maullänge jaw length longueur du mors longitud de la boca lunghezza del morso	max. Maulöffnung max. jaw opening ouverture max. du mors apertura máx. de la boca apertura mass.	Schließkraft closing pressure force de fermeture fuerza de cierre pressione

YASARGIL-STANDARD

für **permanenten** Verschluss, mit Fenster 3.5 mm,
aus hochwertigem Implantatstahl, antimagnetisch
for **permanent** closure, with window 3.5 mm,
in high quality implant steel, antimagnetic
pour fermeture **permanente**, avec fenestra 3.5 mm,
acier de haute qualité, anti-magnétique
para oclusión **permanente**, finestrado de 3.5 mm,
acero de alta calidad, antimagnético
per chiusura **permanente**, con finestra di 3.5 mm,
accaio di alta qualita, antimagnetico



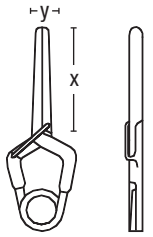
x = 7.0 mm	x = 9.0 mm	x = 12.0 mm	x = 5.0 mm	x = 7.0 mm	x = 11.0 mm
y = 7.9 mm	y = 9.1 mm	y = 10.3 mm	y = 6.5 mm	y = 7.2 mm	y = 7.8 mm
gms = 150	gms = 150	gms = 180	gms = 150	gms = 150	gms = 180
13-160-120	13-160-150	13-160-180	13-161-100	13-161-130	13-161-150
13-160-120T	13-160-150T	13-160-180T	13-161-100T	13-161-130T	13-161-150T



x = 5.0 mm	x = 7.0 mm	x = 11.0 mm	x = 5.0 mm	x = 7.0 mm	x = 11.0 mm
y = 5.5 mm	y = 5.5 mm	y = 5.5 mm	y = 7.9 mm	y = 8.8 mm	y = 10.0 mm
gms = 150	gms = 150	gms = 180	gms = 150	gms = 150	gms = 180
13-162-110	13-162-130	13-162-160	13-163-140	13-163-170	13-163-190
13-162-110T	13-162-130T	13-162-160T	13-163-140T	13-163-170T	13-163-190T

aneurysmen gefäßclips
Aneurysm vessel clips
Anévrisme clips
Aneurisma clips
Clips per aneurisma e vasi

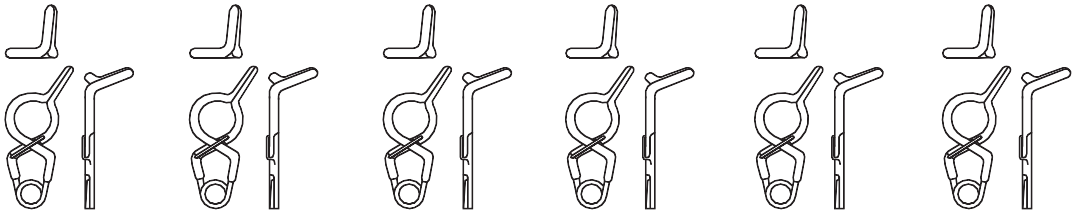
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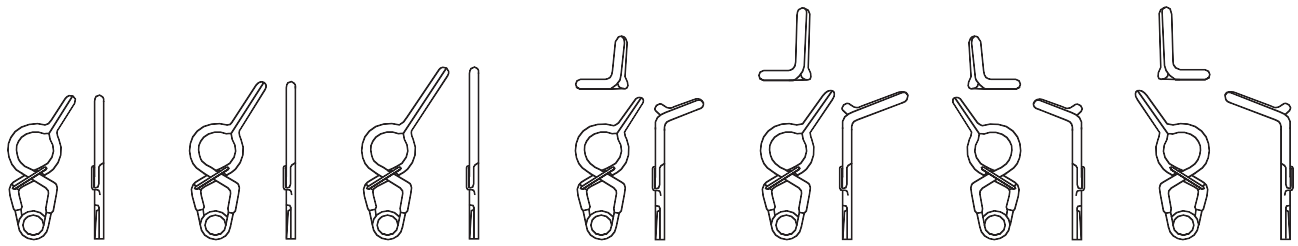
x	y	gms
Maullänge jaw length longueur du mors longitud de la boca lunghezza del morso	max. Maulöffnung max. jaw opening ouverture max. du mors apertura máx. de la boca apertura mass.	Schließkraft closing pressure force de fermeture fuerza de cierre pressione

YASARGIL-STANDARD

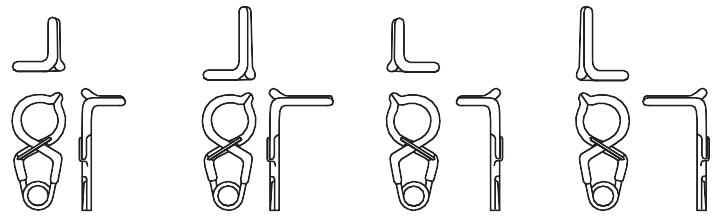
für **permanenten** Verschluss, mit Fenster 5.0 mm, aus hochwertigem Implantastahl, antimagnetisch
for **permanent** closure, with window 5.0 mm, in high quality implant steel, antigntic
pour fermeture **permanente**, avec fenestra 5.0 mm, acier de haute qualité, anti-magnétique
para oclusión **permanente**, finestrado de 5.0 mm, acero de alta calidad, antimagnético
per chiusura **permanente**, con finestra di 5.0 mm, accaio di alta qualita, antimagnetico



x = 5.0 mm	x = 7.0 mm	x = 10.0 mm	x = 5.0 mm	x = 7.0 mm	x = 10.0 mm
y = 5.8 mm	y = 5.8 mm	y = 5.8 mm	y = 5.8 mm	y = 5.8 mm	y = 5.8 mm
gms = 150	gms = 150	gms = 150	gms = 150	gms = 150	gms = 150
13-164-058	13-165-058	13-166-058	13-167-058	13-168-058	13-169-058
13-164-058T	13-165-058T	13-166-058T	13-167-058T	13-168-058T	13-169-058T



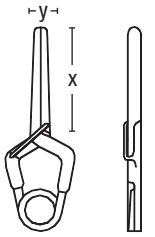
x = 5.0 mm	x = 7.0 mm	x = 10.0 mm	x = 5.0 mm	x = 7.0 mm	x = 5.0 mm	x = 7.0 mm
y = 7.0 mm	y = 7.8 mm	y = 8.8 mm	y = 5.8 mm	y = 6.2 mm	y = 5.8 mm	y = 6.2 mm
gms = 150	gms = 150	gms = 150	gms = 150	gms = 150	gms = 150	gms = 150
13-164-070	13-164-078	13-164-088	341-106-058	13-164-062	341-107-058	13-165-062
13-164-070T	13-164-078T	13-164-088T	341-106-058T	13-164-062T	341-107-058T	13-165-062T



x = 5.0 mm	x = 7.0 mm	x = 5.0 mm	x = 7.0 mm
y = 5.6 mm	y = 5.6 mm	y = 5.6 mm	y = 5.6 mm
gms = 150	gms = 150	gms = 150	gms = 150
13-164-056	13-165-056	13-166-056	13-167-056
13-164-056T	13-165-056T	13-166-056T	13-167-056T

Aneurysmen Gefäßclips
Aneurysm vessel clips
Anévrisme clips
Aneurisma clips
Clips per aneurisma e vasi

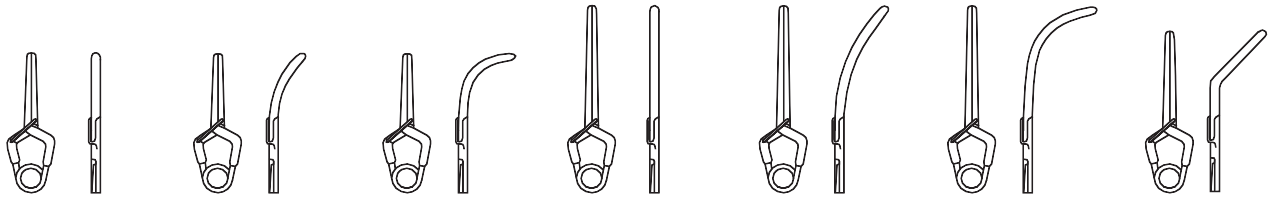
TC



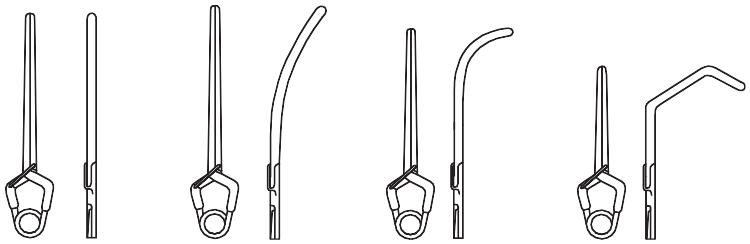
x	y	gms
Maullänge jaw length longueur du mors longitud de la boca lunghezza del morso	max. Maulöffnung max. jaw opening ouverture max. du mors apertura máx. de la boca apertura mass.	Schließkraft closing pressure force de fermeture fuerza de cierre pressione

YASARGIL-STANDARD

für **temporären** Verschluss, aus hochwertigem Implantatstahl, antimagnetisch
for **temporary** closure, in high quality implant steel, antimagnetic
pour fermeture **temporaire**, acier de haute qualité, anti-magnétique
para oclusión **temporal**, acero de alta calidad, antimagnético
per uso **temporaneo**, accaio di alta qualita, amtimagnetico



x = 9.0 mm	x = 9.0 mm	x = 9.0 mm	x = 15.0 mm	x = 15.0 mm	x = 15.0 mm	x = 9.0 mm
y = 7.0 mm	y = 6.8 mm	y = 6.1 mm	y = 9.2 mm	y = 8.7 mm	y = 7.4 mm	y = 6.2 mm
gms = 90	gms = 90	gms = 110	gms = 90	gms = 110	gms = 110	gms = 110
13-170-070	13-172-068	13-171-061	13-170-092	13-172-087	13-171-074	13-173-078
13-170-070T	13-172-068T	13-171-061T	13-170-092T	13-172-087T	13-171-074T	13-173-078T

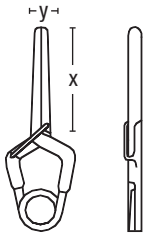


x = 20.0 mm	x = 20.0 mm	x = 17.0 mm	x = 13.0 mm
y = 11.4 mm	y = 11.0 mm	y = 9.9 mm	y = 7.5 mm
gms = 110	gms = 90	gms = 90	gms = 90
13-170-114	13-172-110	13-171-099	13-173-075
13-170-114T	13-172-110T	13-171-099T	13-173-075T

aneurysmen gefäßclips
Aneurysm vessel clips

Anévrisme clips
Aneurisma clips
Clips per aneurisma e vasi

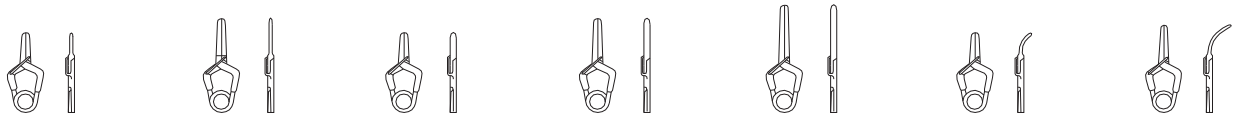
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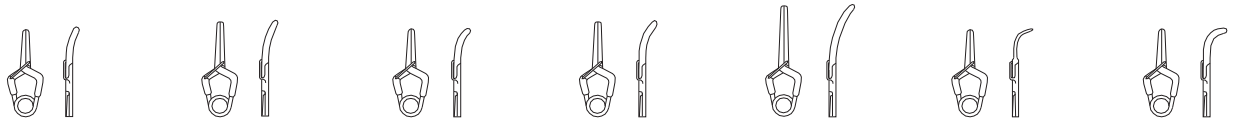
x	y	gms
Maullänge jaw length longueur du mors longitud de la boca lunghezza del morso	max. Maulöffnung max. jaw opening ouverture max. du mors apertura máx. de la boca apertura mass.	Schließkraft closing pressure force de fermeture fuerza de cierre pressione

YASARGIL-MINI

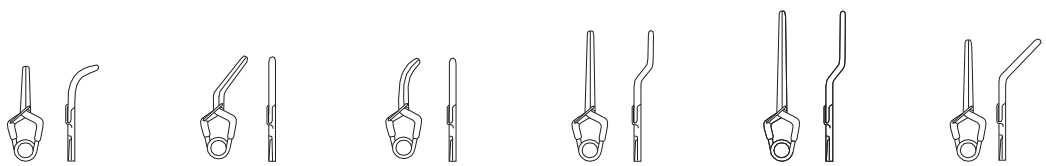
für **permanenten** Verschluss, aus hochwertigem Implantatstahl, antimagnetisch
for **permanent** closure, in high quality implant steel, antimagnetic
pour fermeture **permanente**, acier de haute qualité, anti-magnétique
para oclusión **permanente**, acero de alta calidad, antimagnético
per chiusura **permanente**, accaio di alta qualita, antimagnetico



x = 3.0 mm	x = 5.0 mm	x = 3.0 mm	x = 5.0 mm	x = 7.0 mm	x = 3.0 mm	x = 4.0 mm
y = 3.3 mm	y = 4.0 mm	y = 3.3 mm	y = 4.0 mm	y = 4.6 mm	y = 3.2 mm	y = 3.8 mm
gms = 110	gms = 110	gms = 110	gms = 110	gms = 110	gms = 110	gms = 110
13-174-300	13-175-350	13-176-033	13-176-350	13-177-400	13-178-300	13-179-350
13-174-300T	13-175-350T	13-176-033T	13-176-350T	13-177-400T	13-178-300T	13-179-350T



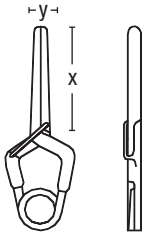
x = 4.0 mm	x = 5.0 mm	x = 4.0 mm	x = 5.0 mm	x = 7.0 mm	x = 4.0 mm	x = 4.0 mm
y = 3.6 mm	y = 3.8 mm	y = 3.6 mm	y = 4.0 mm	y = 4.4 mm	y = 3.6 mm	y = 3.5 mm
gms = 110	gms = 110	gms = 110	gms = 110	gms = 110	gms = 110	gms = 110
13-179-036	13-180-350	13-180-036	13-180-040	13-181-380	13-182-330	341-692-330
13-179-036T	13-180-350T	13-180-036T	13-180-040T	13-181-380T	13-182-330T	341-692-330T



x = 5.0 mm	x = 5.0 mm	x = 6.0 mm	x = 4.0 mm	x = 7.0 mm	x = 7.0 mm
y = 4.0 mm	y = 3.5 mm	y = 6.0 mm	y = 7.0 mm	y = 5.7 mm	y = 4.5 mm
gms = 110	gms = 130	gms = 130	gms = 130	gms = 130	gms = 130
13-183-350	13-184-300	13-184-060	13-185-070	13-185-500	13-186-400
13-183-350T	13-184-300T	13-184-060T	13-185-070T	13-185-500T	13-186-400T

Aneurysmen Gefäßclips
Aneurysm vessel clips
Anévrisme clips
Aneurisma clips
Clips per aneurisma e vasi

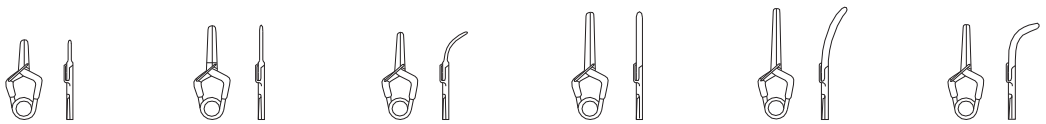
TC



x	y	gms
Maullänge jaw length longueur du mors longitud de la boca lunghezza del morso	max. Maulöffnung max. jaw opening ouverture max. du mors apertura máx. de la boca apertura mass.	Schließkraft closing pressure force de fermeture fuerza de cierre pressione

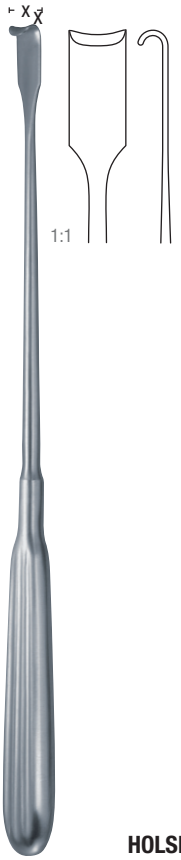
YASARGIL-MINI

für **temporären** Verschluss, aus hochwertigem Implantatstahl, antimagnetisch
for **temporary** closure, in high quality implant steel, antimagnetic
pour fermeture **temporaire**, acier de haute qualité, anti-magnétique
para oclusión **temporal**, acero de alta calidad, antimagnético
per uso **temporaneo**, accaio di alta qualita, amtimagnetico



x = 3.0 mm	x = 5.0 mm	x = 4.0 mm	x = 7.0 mm	x = 7.0 mm	x = 5.0 mm
y = 3.3 mm	y = 4.0 mm	y = 3.8 mm	y = 4.6 mm	y = 4.4 mm	y = 4.0 mm
gms = 90	gms = 70	gms = 70	gms = 70	gms = 70	gms = 70
13-187-033	13-187-040	13-187-038	13-187-046	13-187-044	13-188-040
13-187-033T	13-187-040T	13-187-038T	13-187-046T	13-187-044T	13-188-040T

Nervenhaken
Nerve hooks
Crochets à nerfs
Ganchos para nervios
Uncini per nervi



SCOVILLE 1:2

230 mm – 9 "
x = 8 mm
13-189-230



HOLSHER 1:2

240 mm – 9 ½ "
x = 7 mm
13-190-240



SCOVILLE 1:2

200 mm – 8 "
x = 7 mm
13-191-190



1:2

210 mm – 8 ¼ "
x = 7 mm
13-192-190

Duramesser
Dura knives

Bistouries pour duremère
Bisturís para duramadre
Bisturi per duramadre



TOENNIS

150 mm – 6 "	190 mm – 7 ½ "
13-193-130	13-193-190



HALLE

200 mm – 8 "	13-194-200

Nervenhaken – durahaken
Nerve hooks – Dura hooks
Crochets à nerfs – Crochets pour duremère
Ganchos para nervios – Ganchos para duramadre
Uncini per nervi – Uncini per duramadre



SMITHWICK

170 mm – 6 ¾ "	13-195-170
210 mm – 8 ¼ "	13-195-210



HOEN

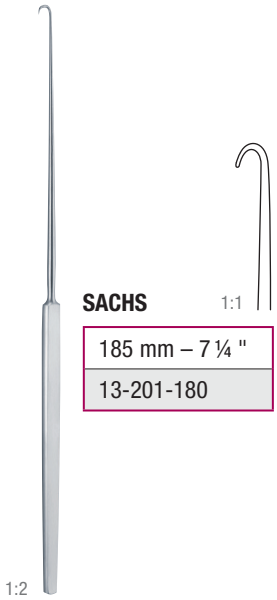
220 mm – 8 ¾ "	
13-196-220	



CUSHING

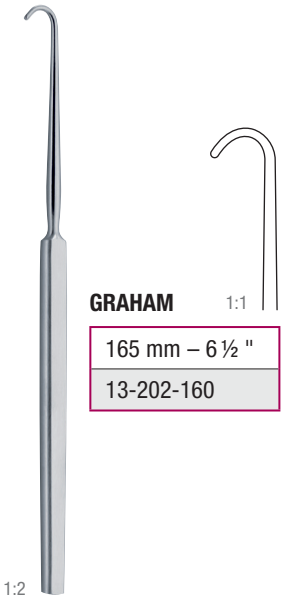
190 mm – 7 ½ "	13-197-190	13-198-190
280 mm – 11 "	13-199-280	13-200-280

Nervenhaken – Durahaken
Nerve hooks – Dura hooks
Crochets à nerfs – Crochets pour duremère
Ganchos para nervios – Ganchos para duramadre
Uncini per nervi – Uncini per duramadre



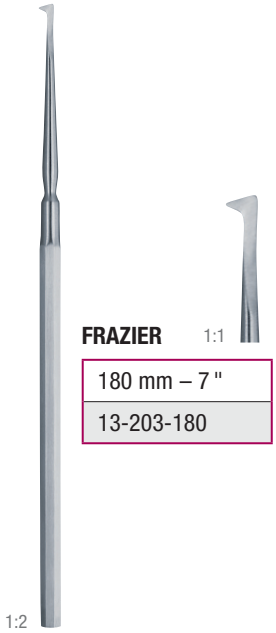
SACHS

185 mm – 7 ¼ "
13-201-180



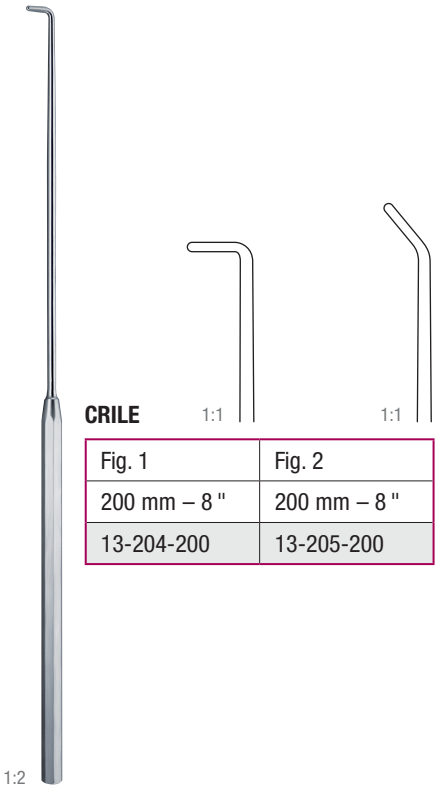
GRAHAM

165 mm – 6 ½ "
13-202-160



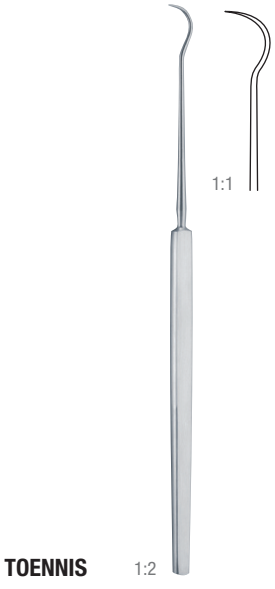
FRAZIER

180 mm – 7 "
13-203-180



CRILE

Fig. 1	Fig. 2
200 mm – 8 "	200 mm – 8 "
13-204-200	13-205-200



TOENNIS

150 mm – 6 "
13-206-150



DANDY

200 mm – 8 "	13-207-200	13-208-200	13-209-200



ADSON

200 mm – 8 "	13-210-200	13-211-200

Nervenhaken – durahaken
Nerve hooks – Dura hooks
Crochets à nerfs – Crochets pour duremère
Ganchos para nervios – Ganchos para duramadre
Uncini per nervi – Uncini per duramadre



LOVE

190 mm – 7 ½ "	13-212-000	13-212-045	13-212-090

YASARGIL

310 mm – 12 ¼ "	13-213-010
410 mm – 16 ¼ "	13-213-020

Galeahaken
Galea retractor
Retracteur Galea
Retractor de Galea
Rettrotore di Galea





CUSHING 1:1



140 mm – 5 ½ "
13-214-140



FRAZIER 1:1 1:1




130 mm – 5 "	13-215-130	13-216-130
180 mm – 7 "	13-215-180	13-216-180

spitz
sharp
pointu
agudo
acuto

stumpf
blunt
mousse
romos
smusso

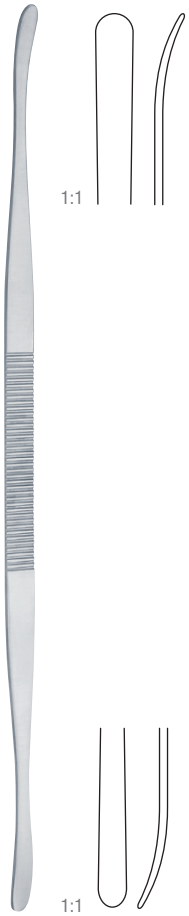


LAHEY 1:1



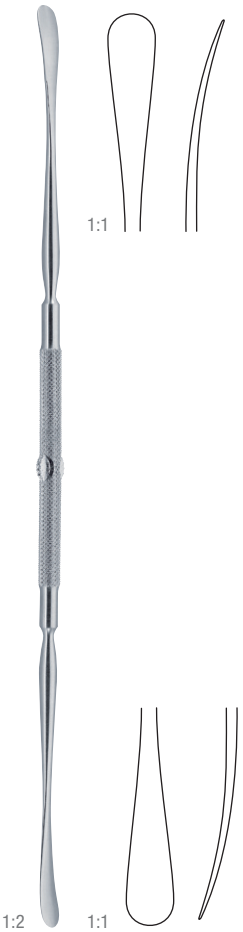
130 mm – 5 "
13-217-130

Dura-Dissektoren
Dura dissectors
Décolleurs duremère
Disectores de duramadre
Dissetori per duramadre



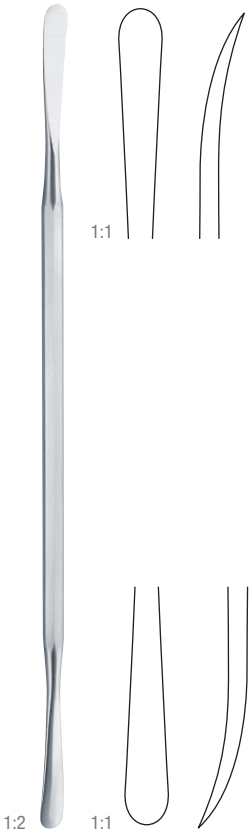
TOENNIS

250 mm – 9 ¾ "
13-218-250



DAVIS

245 mm – 9 ¾ "
13-219-245



220 mm – 8 ¾ "
13-220-220

dura-dissektoren
Dura dissectors
Décolleurs duremère
Disectores de duramadre
Dissetori per duramadre



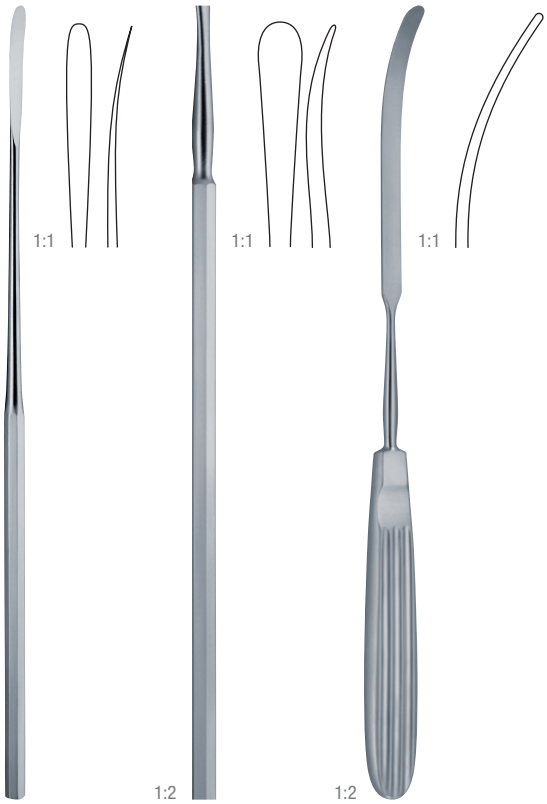
HORSLEY

200 mm – 8 "
13-221-200



SMITHWICK

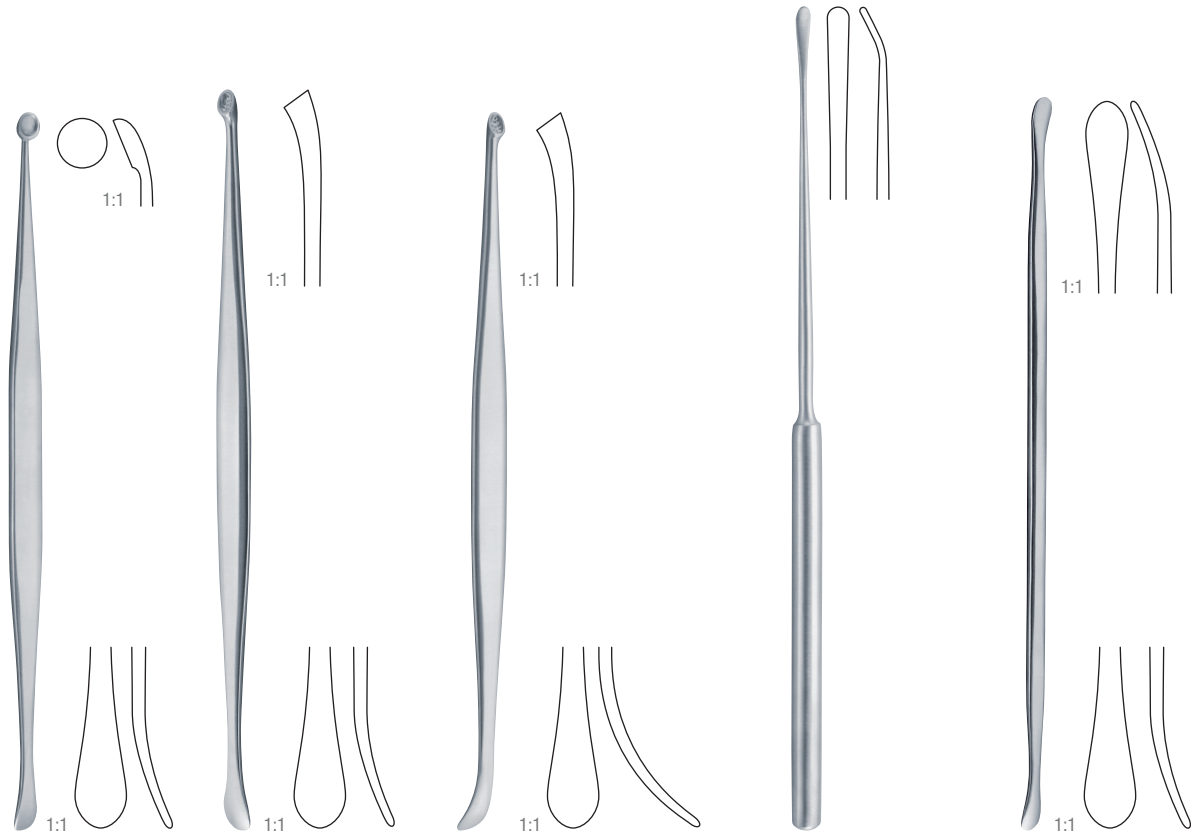
290 mm – 11 ½ "
13-222-290



SACHS

210 mm – 8 ¼ "	13-223-210	13-224-210	13-225-210

Dura-Dissektoren
Dura dissectors
Décolleurs duremère
Disectores de duramadre
Dissetori per duramadre

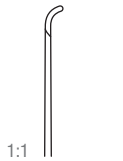


PENFIELD

Fig. 1	Fig. 2	Fig. 3	Fig. 4	Fig. 5
175 mm – 7 "	195 mm – 7 ¾ "	195 mm – 7 ¾ "	215 mm – 8 ½ "	185 mm – 7 ¼ "
13-226-010	13-226-020	13-226-030	13-226-040	13-226-050

Neuro-Mikro-dissektoren
Neuro-micro dissectors
Neuro-micro dissecteurs
Disectores para micro-neurocirugía
Strumento per micro-neuro chirurgia





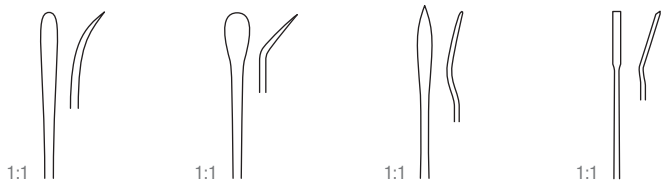
YASARGIL

190 mm – 7 ½ "	13-227-070	13-227-080	13-227-090	13-227-100	13-227-050

gerade
straight
droit
recta
rette

190 mm – 7 ½ "	13-228-050	13-228-030	13-228-040	13-229-190	13-228-020

bajonett
bayonet
baionette
bayoneta
baionetta



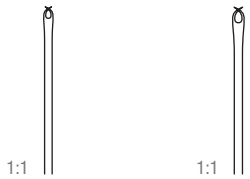
YASARGIL

190 mm – 7 ½ "	13-227-060	13-227-040	13-227-030	13-227-010

gerade
straight
droit
recta
retta

190 mm – 7 ½ "	13-230-010	13-230-020	13-230-030	13-230-040

bajonett
bayonet
baionette
bayoneta
baionetta



190 mm – 7 ½ "	13-231-100	13-231-180

gerade, mit Dreh-Fixierhaken
straight, with Twist-fixationhook
droit, avec crochet de fixation
recta, con gancho de fijación
rette, con uncino di fissaggio „Twist“

Neuro-Mikro-Dissektoren
Neuro-micro dissectors

Neuro-micro dissecteurs
Disectores para micro-neurocirugía
Strumento per micro-neuro chirurgia


1:1


KRAUS 1:1


YASARGIL 1:1


KOOS 1:1


KOOS 1:1


KOOS 1:1

190 mm – 7 ½ "	13-232-190	13-233-190	13-234-190	13-235-190	13-236-190

bajonett
bayonet
baionette
bayoneta
baionetta

Neuro-Mikro-dissektoren
Neuro-micro dissectors
Neuro-micro dissecteurs
Disectores para micro-neurocirugía
Strumento per micro-neuro chirurgia

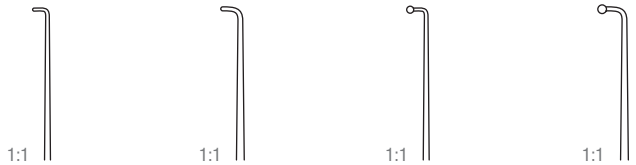


JACOBSON

190 mm – 7 ½ "
13-237-190



KRAYEN
BÜHL



190 mm – 7 ½ "	13-238-185	13-239-185	13-241-185	13-242-185

ohne Knopf
without knob
sans boule
sin bola
senza bottone

mit Knopf
with knob
avec boule
con bola
con bottone





JACOBSON **FISCH**

190 mm – 7 ½ "	13-243-010	13-244-190	13-243-020

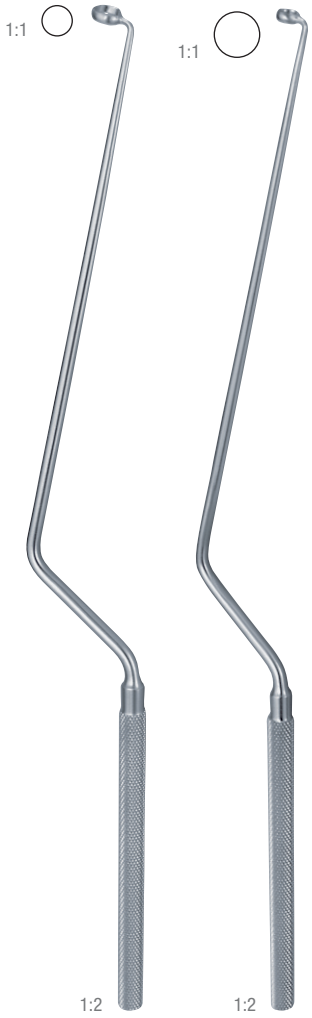
Neuro-Dissektoren und Küretten
Neuro dissectors and curettes
Neuro-dissecteurs et curettes
Disectores y curetas para neurocirugía
Scollatori per neuro-chirurgia



HARDY

250 mm – 9 ¾ "	13-245-020	13-246-020	13-246-030	13-245-010

bajonett, innen scharf
bayonet, sharp inner edge
baionette, tranchant à l'interne
bayoneta, cortante al interno
baionetta, acuto all'interno



HARDY

	4 mm Ø	6 mm Ø
270 mm – 10 ¾ "	13-247-040	13-247-060

bajonett, biegsam
bayonet, malleable
baionette, malléable
bayoneta, maleable
baionetta, flessibile

Mikro-Federscheren
Micro scissors
Micro ciseaux à ressorts
Micro tijeras con resorte
Forbici per microchirurgia


1:1


1:1


1:1

VANNAS

80 mm – 3 ¼ "	13-248-085	13-249-085

Vannas-Schneide
Vannas-blade
Lame de Vannas
Hoja de Vannas
Lama Vannas

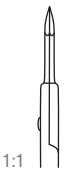
Mikro-Federscheren
Micro scissors
Micro ciseaux à ressorts
Micro tijeras con resorte
Forbici per microchirurgia

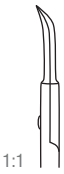

1:1

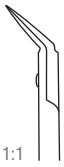

1:1


1:1

120 mm – 4¾"	13-250-120	13-251-110
Schneide 10 mm, spitz	gerade	gebogen
Blade 10 mm, sharp	straight	curved
Lame 10 mm, pointu	droit	courbe
Hoja 10 mm, agudas	recta	curva
Lama 10 mm, acuta	retta	curva


1:1


1:1


1:1

120 mm – 4¾"	13-252-120	13-253-120	05-229-120
Vannas-Schneide	gerade	gebogen	aufgewinkelt
Vannas blade	straight	curved	angled up
Lama de Vannas	droit	courbe	angulaire
Hoja de Vannas	recta	curva	acodada
Vannas-lama	retta	curva	angolata

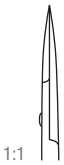
BIEMER

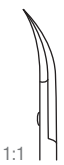

1:1

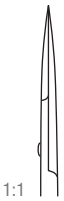
120 mm – 4¾"	309-256-120
Venen-Schneide	gerade
Vein blade	straight
Lame pour vènes	droit
Hoja para venas	recta
Lama per vene	retta

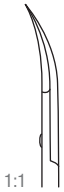
Mikro-federscheren
Micro scissors
Micro ciseaux à ressorts
Micro tijeras con resorte
Forbici per microchirurgia


1:1

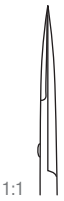

1:1


1:1


1:1


1:1

160 mm – 6 ⅓ "	05-640-160	05-641-160	05-644-160	05-645-160
	gerade, kurze Schneide curved, short blades courbes, lames courtes curva, hojas cortas curva, lama corta	gebogen, kurze Schneide straight, long blades droites, lames longues recta, hojas largas retta, lama lunga	gerade, lange Schneide straight, long blades droites, lames longues recta, hojas largas retta, lama lunga	gebogen, lange Schneide curved, long blades courbes, lames longues curva, hojas largas curva, lama lunga


1:1


1:1

160 mm – 6 ⅓ "	05-642-160	05-643-160
	gerade, gezahnt straight, saw edge droites, dentelés recta, dentadas retta, dentata	gebogen, gezahnt curved, saw edge courbes, dentelés curva, dentadas curva, dentata


1:1

150 mm – 6 "	05-647-150
180 mm – 7 "	05-647-180

kniegebogen, 45°
angled on flat, 45°
angulaires, 45°
acodada, 45°
angolata, 45°

Mikro-federscheren
Micro scissors

Micro ciseaux à ressorts
Micro tijeras con resorte
Forbici per microchirurgia

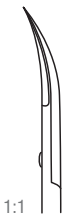

1:1


1:1

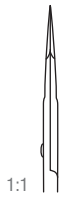

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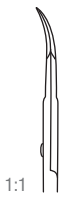
120 mm – 4¾"	13-254-120	13-255-120
Lange Schneide 14 mm, glatt, spitz Long blades 14 mm, smooth, sharp Lames longues 14 mm, lisses, pointues Hojas largas 14 mm, lisas, agudas Lama lunga 14 mm, liscia, acuta	gerade straight droites recta retta	gebogen curved courbes curva curva


1:1


1:1

120 mm – 4¾"	05-642-120	05-643-120
Lange Schneide 14 mm, spitz Long blades 14 mm, sharp Lames longues 14 mm, pointues Hojas largas 14 mm, agudas Lama lunga 14 mm, acuta	gerade, gezahnt straight, saw edge droites, dentelés recta, dentadas retta, dentata	gebogen, gezahnt curved, saw edge courbes, dentelés curva, dentadas curva, dentata

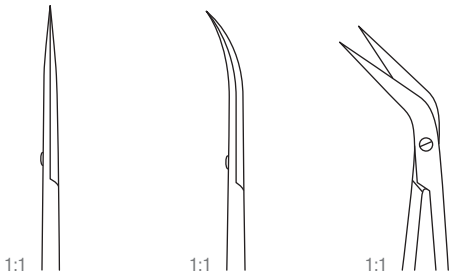

1:1


1:1

145 mm – 5¾"	13-252-145	13-253-145
Vannas-Schneide, glatt, spitz Vannas-blades, smooth, sharp Lames de Vannas, lisses, pointues Hojas de Vannas, lisas, agudas Vannas-lama, liscia, acuta	gerade straight droites recta retta	gebogen curved courbes curva curva

Mikro-federscheren
Micro scissors
Micro ciseaux à ressorts
Micro tijeras con resorte
Forbici per microchirurgia





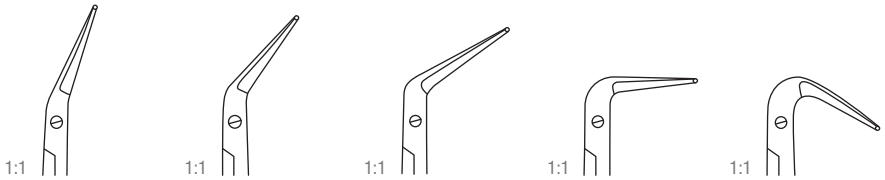
YASARGIL

185 mm – 7¼"	13-254-185	13-255-185	13-256-190
	gerade straight droit recta retta	gebogen curved courbe curva curva	kniegebogen angled on flat angulaires acodada angolata

Mikro-federscheren
Micro scissors
Micro ciseaux à ressorts
Micro tijeras con resorte
Forbici per microchirurgia


1:1

YASARGIL


1:1 1:1 1:1 1:1 1:1

	25°	45°	60°	90°	125°
170 mm – 6¾"	13-257-025	13-257-045	13-257-060	13-257-090	13-257-125

mit Knopf
with ball
avec bouton
con botón
con bottone

YASARGIL


1:1 1:1 1:1 1:1 1:1

	25°	45°	60°	90°	125°
170 mm – 6¾"	411-773-025	411-773-045	13-257-060	13-257-090	13-257-125

ohne Knopf
without ball
sans bouton
sin botón
senza bottone

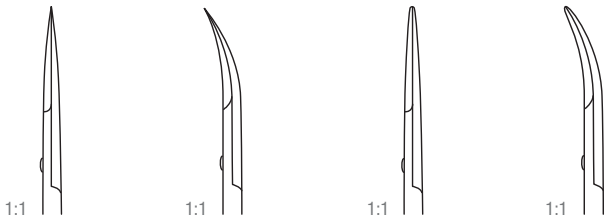
Mikro-Präparierscheren
Micro dissecting scissors

Micro ciseaux à dissection
Micro tijeras de disección
Forbici per micro chirurgia con manico rotondo





145 mm – 5¾"	13-258-140	13-259-140	13-260-140	13-261-140
180 mm – 7"	13-258-180	13-259-180	13-260-180	13-261-180
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



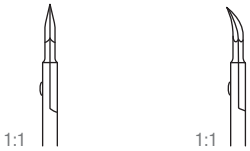
145 mm – 5¾"	13-258-140L	13-259-140L	13-260-140L	13-261-140L
180 mm – 7"	13-258-180L	13-259-180L	13-260-180L	13-261-180L
lange Schneide 14 mm, glatt long blades 14 mm, smooth lames longues 14 mm, lisses hojas largas 14 mm, lisos lama lunga 14 mm, liscia	gerade, spitz straight, sharp droites, pointues 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

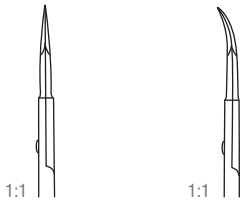


VANNAS



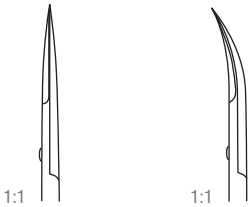
	7 mm Ø	7 mm Ø
120 mm – 5 "	13-262-120	13-263-120

VANNAS



	8 mm Ø	8 mm Ø
150 mm – 6 "	13-262-150	13-263-150

CASTROVIEJO

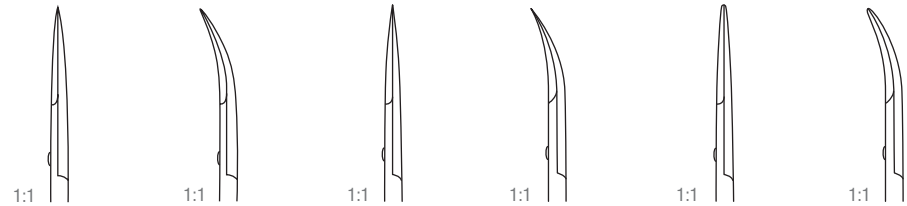


	8 mm Ø	8 mm Ø
150 mm – 6 "	13-264-150	13-265-150

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



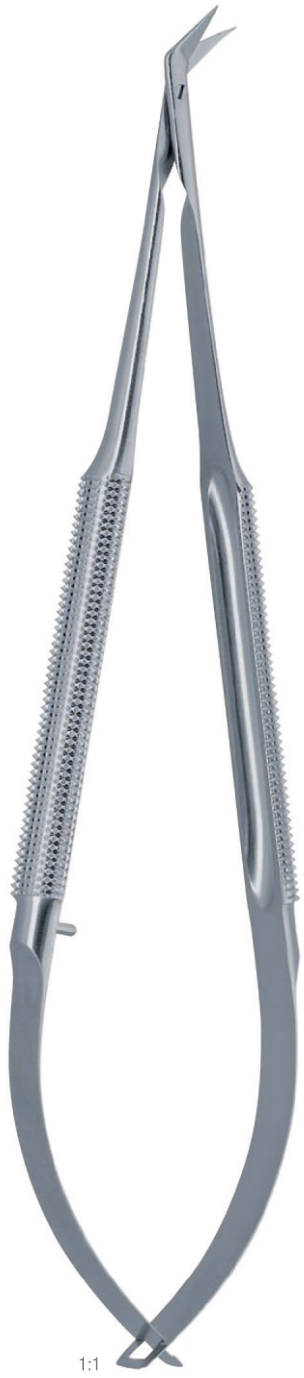


	180 mm – 7"	180 mm – 7"	180 mm – 7"	180 mm – 7"	180 mm – 7"	180 mm – 7"
10 mm Ø	13-266-180	13-267-180	13-268-180	13-269-180	13-270-180	13-271-180
	gerade, gezahnt straight, saw edge droites, dentelés recta, dentadas retta, dentata	gebogen, gezahnt curved, saw edge courbes, dentelés curva, dentadas curva, dentata	gerade, spitz straight, sharp droites, pointue recta, aguda retta, acuta	gebogen, spitz curved, sharp courbes, pointue curva, aguda curva, acuta	gerade, stumpf straight, blunt droites, mousse recta, roma retta, smussa	gebogen, stumpf curved, blunt courbes, mousse curva, roma 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

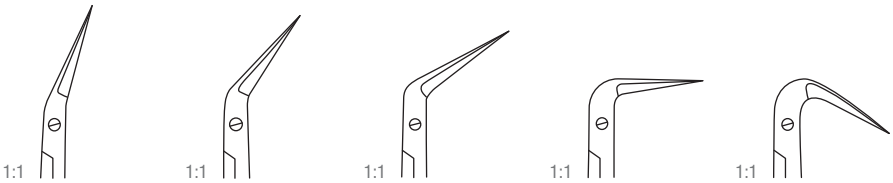
TC
mit gedrehtem Schluss
90° twisted
tordus de 90°
giradas de 90°
girato 90°


1:1


1:1 1:1 1:1 1:1 1:1

8 mm Ø	25°	45°	60°	90°	125°
180 mm – 7"	13-272-025	13-272-045	13-272-060	13-272-090	13-272-125

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


1:1 1:1 1:1 1:1 1:1

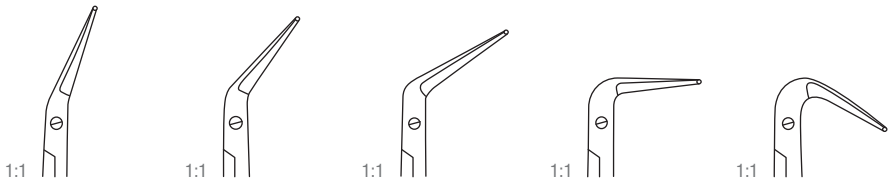
8 mm Ø	25°	45°	60°	90°	125°
180 mm – 7"	13-273-025	13-273-045	13-273-060	13-273-090	13-273-125

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

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


1:1


1:1 1:1 1:1 1:1 1:1

8 mm Ø	25°	45°	60°	90°	125°
180 mm – 7 "	13-274-025	13-274-045	13-274-060	13-274-090	13-274-125

mit Knopf
with ball
avec bouton
con botón
con bottone


1:1 1:1 1:1 1:1 1:1

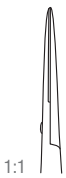
8 mm Ø	25°	45°	60°	90°	125°
180 mm – 7 "	13-275-025	13-275-045	13-275-060	13-275-090	13-275-125

ohne Knopf
without ball
sans bouton
sin botón
senza bottone

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


1:1


1:1

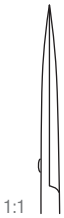

1:1

	9 mm Ø	9 mm Ø
150 mm – 6"	13-276-150	13-277-150

Mikro-Federscheren
Micro scissors
Micro ciseaux à ressorts
Micro tijeras con resorte
Forbici per microchirurgia



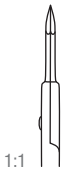
JACOBSON

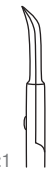






160 mm – 6 ¼ "	13-278-155	13-279-155	13-280-160
180 mm – 7 "	13-278-185	13-279-185	13-280-190
	gerade straight droites recta retta	gebogen curved courbes curva curva	abgewinkelt, 45° angled, 45° angulaires, 45° acodada, 45° angolata, 45°



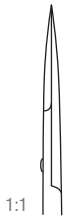


160 mm – 6 ¼ "	13-281-155	13-282-155
180 mm – 7 "	13-281-185	13-282-185

Vannas Schneide
Vannas blade
Lame de Vannas
Hoja de Vannas
Lama Vannas

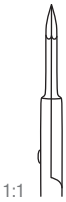
Mikro-Federscheren
Micro scissors
Micro ciseaux à ressorts
Micro tijeras con resorte
Forbici per microchirurgia

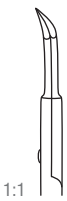






YASARGIL-MOD.		
180 mm – 7 "	13-283-190	13-284-190
225 mm – 8¾ "	13-278-225	13-279-225



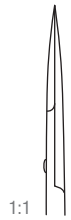


220 mm – 8¾ "	13-281-225	13-282-225

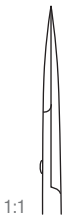
Vannas Schneide
Vannas blade
Lame de Vannas
Hoja de Vannas
Lama Vannas

Mikro-federscheren
Micro scissors
Micro ciseaux à ressorts
Micro tijeras con resorte
Forbici per microchirurgia





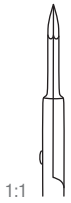


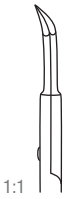




200 mm – 8 "	13-285-001	13-285-002	13-285-003	13-285-004
225 mm – 8 ¾ "	13-286-001	13-286-002	13-286-003	13-286-004

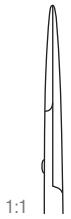
Schneide glatt, spitz	gerade	gebogen	gerade, gezahnt	gebogen, gezahnt
Blade smooth, sharp	straight	curved	straight, saw edge	curved, saw edge
Lames lisses, pointues	droites	courbes	droites, dentelés	courbes, dentelés
Hojas lisas, agudas	recta	curva	recta, dentadas	curva, dentadas
Lama liscia, acuta	retta	curva	retta, dentata	curva, dentata

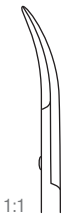




200 mm – 8 "	13-285-005	13-285-006
225 mm – 8 ¾ "	13-286-005	13-286-006

Vannas Schneide
Vannas blade
Lame de Vannas
Hoja de Vannas
Lama Vannas





200 mm – 8 "	13-285-007	13-285-008
225 mm – 8 ¾ "	13-286-007	13-286-008

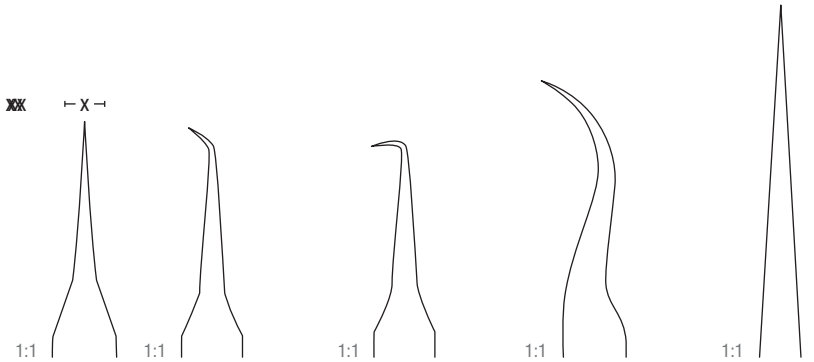
Präparier-Schneide, stumpf
Dissector blade, blunt
Lames de dissction, moussé
Hojas de disección, roma
Lama da dissezione, smussa

fixierpinzetten – gefäßdilatatoren
Fixation forceps – Vascular dilators

Pinces à fixation – Dilatateures vasculaires
Pinzas de fixaciòn – Dilatadores vasculares
Pinze di fissaggio – Pinze per allargare i vasi

TC





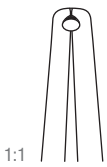
TYP
JUWELIER

x = 0.2 mm	x = 0.3 mm	x = 0.3 mm	x = 0.2 mm	x = 0.3 mm
110 mm – 4 ¼"	110 mm – 4 ¼"	110 mm – 4 ¼"	120 mm – 4 ¾"	120 mm – 4 ¾"
13-287-004	13-287-045	13-287-090	13-287-005	13-287-001

titan	**titan**	**titan**
x = 0.2 mm	x = 0.3 mm	x = 0.3 mm
110 mm – 4 ¼"	110 mm – 4 ¼"	110 mm – 4 ¼"
13-288-004	13-288-045	13-288-090

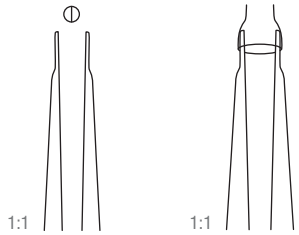


PIERSE



120 mm – 4 ¾"	13-289-120
135 mm – 5 ¼"	13-289-135





	x = 0.2 mm	x = 0.3 mm
110 mm – 4 ¼"	13-290-007	13-290-008

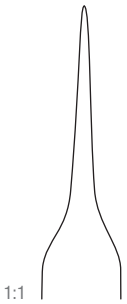
sehr fein
very fine
très fin
muy fino
molto fino

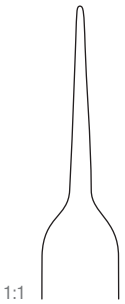
Mikro-Knüpfpinzetten
Micro suture tying forceps

Pinces à fixation – Dilatateures vasculaires
Pinzas de fixaciòn – Dilatadores vasculares
Pinze di fissaggio – Pinze per allargare i vasi


1:1

LAZAR


1:1


1:1

	0.5 mm	0.8 mm
155 mm – 6 "	13-291-155	13-292-155

TC

Mikropinzetten
Micro forceps
Micro pinces
Micro pinzas
Pinze per microchirurgia





8 mm Ø	0.3 mm	0.3 mm	0.3 mm	0.3 mm
120 mm – 4 ¾"	13-293-120	13-294-120		
150 mm – 6"	13-296-150	13-295-150	13-296-150Z	13-295-150Z
180 mm – 7"	13-293-180	13-294-180	13-293-180Z	13-294-180Z
210 mm – 8 ¼"	13-296-210	13-295-210	13-296-210Z	13-295-210Z
230 mm – 9"	13-296-230	13-295-230	13-296-230Z	13-295-230Z
Fadenplatte 6,0 mm x 0,3 mm, glatt Tying platform 6.0 mm x 0.3 mm, smooth Plate-forme 6.0 mm x 0.3 mm, lisse Plataforma 6.0 mm x 0.3 mm, lisa Piano per sutura 6.0 mm x 0.3 mm, liscio			1 x 2	1 x 2

	Titan	**Titan**	**Titan**	**Titan**
8 mm Ø	0.3 mm	0.3 mm	0.3 mm	0.3 mm
150 mm – 6"	13-296-150T	13-295-150T	13-296-150ZT	13-295-150ZT
180 mm – 7"	13-296-180T	13-295-180T	13-296-180ZT	13-295-180ZT
210 mm – 8 ¼"	13-296-210T	13-295-210T	13-296-210ZT	13-295-210ZT
Fadenplatte 6,0 mm x 0,3 mm, glatt Tying platform 6.0 mm x 0.3 mm, smooth Plate-forme 6.0 mm x 0.3 mm, lisse Plataforma 6.0 mm x 0.3 mm, lisa Piano per sutura 6.0 mm x 0.3 mm, liscio			1 x 2	1 x 2



8 mm Ø	0.7 mm	0.7 mm	0.7 mm	0.7 mm
150 mm – 6"	13-297-150	13-298-150	13-299-150Z	13-300-150Z
180 mm – 7"	13-297-180	13-298-180	13-299-180Z	13-300-180Z
210 mm – 8 ¼"	13-297-210	13-298-210	13-299-210Z	13-300-210Z
230 mm – 9"	13-297-230	13-298-230	13-299-230Z	13-300-230Z
Fadenplatte 6,0 mm x 0,7 mm, glatt Tying platform 6.0 mm x 0.7 mm, smooth Plate-forme 6.0 mm x 0.7 mm, lisse Plataforma 6.0 mm x 0.7 mm, lisa Piano per sutura 6.0 mm x 0.7 mm, liscio			1 x 2	1 x 2

	Titan	**Titan**	**Titan**	**Titan**
8 mm Ø	0.7 mm	0.7 mm	0.7 mm	0.7 mm
150 mm – 6"	13-297-150T	13-298-150T	13-299-150ZT	13-300-150ZT
180 mm – 7"	13-297-180T	13-298-180T	13-299-180ZT	13-300-180ZT
210 mm – 8 ¼"	13-297-210T	13-298-210T	13-299-210ZT	13-300-210ZT
Fadenplatte 6,0 mm x 0,7 mm, glatt Tying platform 6.0 mm x 0.7 mm, smooth Plate-forme 6.0 mm x 0.7 mm, lisse Plataforma 6.0 mm x 0.7 mm, lisa Piano per sutura 6.0 mm x 0.7 mm, liscio			1 x 2	1 x 2

Mikropinzetten
Micro forceps
Micro pinces
Micro pinzas
Pinze per microchirurgia

TC





	Diamond Coated	Diamond Coated	Diamond Coated	Diamond Coated
8 mm Ø	0.3 mm	0.3 mm	0.3 mm	0.3 mm
150 mm – 6"	13-296-150D	13-295-150D	13-296-150ZD	13-295-150ZD
180 mm – 7"	13-293-180D	13-294-180D	13-293-180ZD	13-294-180ZD
210 mm – 8¼"	13-296-210D	13-295-210D	13-296-210ZD	13-295-210ZD
230 mm – 9"	13-296-230D	13-295-230D	13-296-230ZD	13-295-230ZD
Fadenplatte 6,0 mm x 0,3 mm Tying platform 6.0 mm x 0.3 mm Plate-forme 6.0 mm x 0.3 mm Plataforma 6.0 mm x 0.3 mm Piano per sutura 6.0 mm x 0.3 mm			1 x 2	1 x 2



	Diamond Coated	Diamond Coated	Diamond Coated	Diamond Coated
8 mm Ø	0.7 mm	0.7 mm	0.7 mm	0.7 mm
150 mm – 6"	13-297-150D	13-298-150D	13-299-150ZD	13-300-150ZD
180 mm – 7"	13-297-180D	13-298-180D	13-299-180ZD	13-300-180ZD
210 mm – 8¼"	13-297-210D	13-298-210D	13-299-210ZD	13-300-210ZD
230 mm – 9"	13-297-230D	13-298-230D	13-299-230ZD	13-300-230ZD
Fadenplatte 6,0 mm x 0,7 mm Tying platform 6.0 mm x 0.7 mm Plate-forme 6.0 mm x 0.7 mm Plataforma 6.0 mm x 0.7 mm Piano per sutura 6.0 mm x 0.7 mm			1 x 2	1 x 2

Mikropinzetten
Micro forceps
Micro pinces
Micro pinzas
Pinze per microchirurgia

TC



JACOBSON



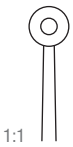
160 mm – 6 ¼"	13-301-160	13-302-160	13-303-160	13-304-160
185 mm – 7 ¼"	13-301-185	13-302-185	13-303-185	13-304-185
	gerade, spitz straight, sharp droites, pointues rectas, agudas retta, acuta	gerade, stumpf straight, blunt droites, mousses rectas, romas retta, smussa	abgewinkelt, spitz angled, sharp angulaire, pointue acodada, aguda angolata, acuta	abgewinkelt, stumpf angled, blunt angulaire, mousse acodada, roma angolata, smussa

	Diamond Coated	Diamond Coated	Diamond Coated	Diamond Coated
160 mm – 6 ¼"	13-301-160D	13-302-160D	13-303-160D	13-304-160D
185 mm – 7 ¼"	13-301-185D	13-302-185D	13-303-185D	13-304-185D
	gerade, spitz straight, sharp droites, pointues rectas, agudas retta, acuta	gerade, stumpf straight, blunt droites, mousses rectas, romas retta, smussa	abgewinkelt, spitz angled, sharp angulaire, pointue acodada, aguda angolata, acuta	abgewinkelt, stumpf angled, blunt angulaire, mousse acodada, roma angolata, smussa

Mikropinzetten
Micro forceps
Micro pinces
Micro pinzas
Pinze per microchirurgia


1:1

YASARGIL


1:1


1:1


1:1

	225 mm – 8 ¾ "	225 mm – 8 ¾ "	225 mm – 8 ¾ "
3.0 mm	13-305-220	13-306-220	13-307-220
5.0 mm	13-308-220	13-309-220	13-310-220

löffelförmig
spoon form
forme de cuillère
forma de cuchara
forma di cucchiaio

flach gezahnt
plan toothed
dentelé
dentada
dentato

kürettenförmig
curette form
forme de curette
forma de cureta
forma di curetta

Mikropinzetten
Micro forceps
Micro pinces
Micro pinzas
Pinze per microchirurgia



YASARGIL





160 mm – 1 ⅓ "	13-311-160	13-312-160
180 mm – 1 ½ "	13-311-180	13-312-180
200 mm – 8 "	13-311-200	13-312-200
225 mm – 8 ¾ "	13-311-220	13-312-220
240 mm – 9 ½ "	13-311-240	13-312-240
	gerade, spitz straight, sharp droites, pointues rectas, agudas retta, acuta	gerade, stumpf straight, blunt droites, mousses rectas, romas retta, smussa

Mikro-ringpinzetten
Micro ring forceps

Micro pinces avec anneaux
Micro pinzas con anillos
Micro pinze con anelli

TC

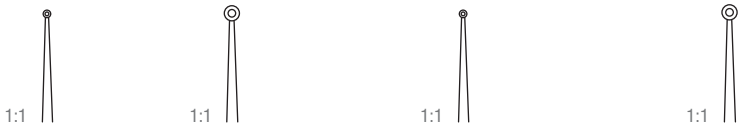




			Diamond coated	Diamond coated
9 mm Ø	1.0 x 0.5 mm	2.0 x 1.0 mm	1.0 x 0.5 mm	2.0 x 1.0 mm
150 mm – 6 "	13-313-150	13-313-151	13-313-150D	13-313-151D
180 mm – 7 "	13-313-180	13-313-181	13-313-180D	13-313-181D
210 mm – 8 ¼ "	13-313-210	13-313-211	13-313-210D	13-313-211D
230 mm – 9 "	13-313-230	13-313-231	13-313-230D	13-313-231D

glatt
smooth
lisse
lisa
liscia

glatt
smooth
lisse
lisa
liscia



	Titan	Titan	Titan / diamond coated	Titan / diamond coated
9 mm Ø	1.0 x 0.5 mm	2.0 x 1.0 mm	1.0 x 0.5 mm	2.0 x 1.0 mm
150 mm – 6 "	13-313-150T	13-313-151T	13-313-150DT	13-313-151DT
180 mm – 7 "	13-313-180T	13-313-181T	13-313-180DT	13-313-181DT
210 mm – 8 ¼ "	13-313-210T	13-313-211T	13-313-210DT	13-313-211DT
230 mm – 9 "	13-313-230T	13-313-231T	13-313-230DT	13-313-231DT

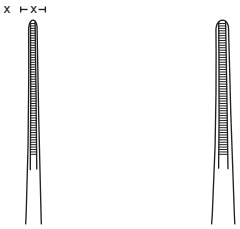
glatt
smooth
lisse
lisa
liscia

glatt
smooth
lisse
lisa
liscia

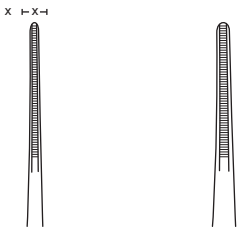
atraumatische Mikropinzetten
Atraumatic micro forceps
Micro pinces atraumatiques
Micro pinzas atraumáticas
Micro pinze atraumatiche

TC





	Atrauma	Atrauma	Atrauma	Atrauma
	x = 1.2 mm	x = 1.8 mm	x = 1.2 mm	x = 1.8 mm
150 mm – 6"	13-314-150	13-315-150	13-316-150	13-317-150
180 mm – 7"	13-314-180	13-315-180	13-316-180	13-317-180
210 mm – 8¼"	13-314-210	13-315-210	13-316-210	13-317-210
230 mm – 9"	13-314-230	13-315-230	13-316-230	13-317-230
	gerade straight droites recta retta	gerade straight droites recta retta	abgewinkelt angled angulaire acodada angolata	abgewinkelt angled angulaire acodada angolata



	Titan	Titan	Titan	Titan
	x = 1.2 mm	x = 1.8 mm	x = 1.2 mm	x = 1.8 mm
150 mm – 6"	13-314-150T	13-315-150T	13-316-150T	13-317-150T
180 mm – 7"	13-314-180T	13-315-180T	13-316-180T	13-317-180T
210 mm – 8¼"	13-314-210T	13-315-210T	13-316-210T	13-317-210T
230 mm – 9"	13-314-230T	13-315-230T	13-316-230T	13-317-230T
	gerade straight droites recta retta	gerade straight droites recta retta	abgewinkelt angled angulaire acodada angolata	abgewinkelt angled angulaire acodada angolata

Mikronadelhalter
Micro needle holders
Micro porte aiguilles
Micro porta agujas
Micro porta aghi

TC


1:1

CASTROVIEJO


1:1


1:1


1:1


1:1

			Diamond Coated	Diamond Coated
x = 11.0 mm x 0.75 mm				
140 mm – 5½"	13-318-140	13-319-140	13-318-140D	13-319-140D
ohne Sperre, feines Maul without ratchet, fine jaws sans crémaillère, mors fine sin cremallera, boca fina senza cremagliera, morso fino	gerade straight droites recta retto	gebogen curved courbes curva curva	gerade straight droites recta retto	gebogen curved courbes curva curva

			Diamond Coated	Diamond Coated
x = 11.0 mm x 0.75 mm				
140 mm – 5½"	13-320-140	13-321-140	13-320-140D	13-321-140D
mit Sperre, feines Maul with ratchet, fine jaws avec crémaillère, mors fine con cremallera, boca fina con cremagliera, morso fino	gerade straight droites recta retto	gebogen curved courbes curva curva	gerade straight droites recta retto	gebogen curved courbes curva curva

Mikronadelhalter
Micro needle holders
Micro porte aiguilles
Micro porta agujas
Micro porta aghi

TC


1:1

JACOBSON


1:1


1:1


1:1


1:1

			Diamond Coated	Diamond Coated
	x = 1 mm	x = 1 mm	x = 1 mm	x = 1 mm
185 mm – 7 ⅓ "	13-322-185	13-323-185	13-322-185D	13-323-185D
ohne Sperre without ratchet sans crémaillère sin cremallera senza cremagliera	gerade straight droites recta retto	gebogen curved courbes curva curvo	gerade straight droites recta retto	gebogen curved courbes curva curvo

			Diamond Coated	Diamond Coated
	x = 1 mm	x = 1 mm	x = 1 mm	x = 1 mm
185 mm – 7 ⅓ "	13-324-185	13-325-185	13-324-185D	13-325-185D
mit Sperre with ratchet avec crémaillère con cremallera con cremagliera	gerade straight droites recta retto	gebogen curved courbes curva curvo	gerade straight droites recta retto	gebogen curved courbes curva curvo


1:1


1:1


1:1


1:1

	TC	TC	TC	TC
	x = 1 mm	x = 1 mm	x = 1 mm	x = 1 mm
180 mm – 7 "	13-326-180	13-327-180	13-328-180	13-329-180
ohne Sperre without ratchet sans crémaillère sin cremallera senza cremagliera	gerade, glatt straight, smooth droit, lisse curva, lisa retto, liscio	gebogen, glatt curved, smooth courbe, lisse curva, lisa curvo, liscio	gerade, gerieft straight, serrated droit, strié recta, estriada retto, zigrinato	gebogen, gerieft curved, serrated courbe, strié curva, estriada curvo, zigrinato

	TC	TC	TC	TC
	x = 1 mm	x = 1 mm	x = 1 mm	x = 1 mm
180 mm – 7 "	13-330-180	13-331-180	13-332-180	13-333-180
mit Sperre with ratchet avec crémaillère con cremallera con cremagliera	gerade, glatt straight, smooth droit, lisse curva, lisa retto, liscio	gebogen, glatt curved, smooth courbe, lisse curva, lisa curvo, liscio	gerade, gerieft straight, serrated droit, strié recta, estriada retto, zigrinato	gebogen, gerieft curved, serrated courbe, strié curva, estriada curvo, zigrinato

Mikronadelhalter
Micro needle holders
Micro porte aiguilles
Micro porta agujas
Micro porta aghi

TC



YASARGIL









			Diamond Coated	Diamond Coated
180 mm – 7"	13-334-180	13-335-180	13-334-180D	13-335-180D
200 mm – 8"	13-334-200	13-335-200	13-334-200D	13-335-200D
ohne Sperre without ratchet sans crémaillère sin cremallera senza cremagliera	gerade straight droites recta retto	gebogen curved courbes curva curva	gerade straight droites recta retto	gebogen curved courbes curva curvo

			Diamond Coated	Diamond Coated
180 mm – 7"	13-336-180	13-337-180	13-336-180D	13-337-180D
200 mm – 8"	13-336-200	13-337-200	13-336-200D	13-337-200D
mit Sperre with ratchet avec crémaillère con cremallera con cremagliera	gerade straight droites recta retto	gebogen curved courbes curva curva	gerade straight droites recta retto	gebogen curved courbes curva curvo

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

TC


1:1

YASARGIL


1:1


1:1


1:1


1:1

			Diamond Coated	**Diamond Coated**
	x = 1 mm	x = 1 mm	x = 1 mm	x = 1 mm
210 mm – 8¼"	13-338-210	13-339-210	13-338-210D	13-339-210D
ohne Sperre without ratchet sans crémaillère sin cremallera senza cremagliera	gerade straight droites recta retto	gebogen curved courbes curva curvo	gerade straight droites recta retto	gebogen curved courbes curva curvo

			Diamond Coated	**Diamond Coated**
	x = 1 mm	x = 1 mm	x = 1 mm	x = 1 mm
210 mm – 8¼"	13-340-210	13-341-210	13-340-210D	13-341-210D
mit Sperre with ratchet avec crémaillère con cremallera con cremagliera	gerade straight droites recta retto	gebogen curved courbes curva curvo	gerade straight droites recta retto	gebogen curved courbes curva curvo


1:1


1:1


1:1


1:1

	TC	**TC**	**TC**	**TC**
	x = 1 mm	x = 1 mm	x = 1 mm	x = 1 mm
210 mm – 8¼"	13-338-210TCG	13-339-210TCG	13-338-210TCS	13-339-210TCS
ohne Sperre without ratchet sans crémaillère sin cremallera senza cremagliera	gerade, glatt straight, smooth droit, lisse curva, lisa retto, liscio	gebogen, glatt curved, smooth courbe, lisse curva, lisa curvo, liscio	gerade, gerieft straight, serrated droit, strié recta, estriada retto, zigrinato	gebogen, gerieft curved, serrated courbe, strié curva, estriada curvo, zigrinato

	TC	**TC**	**TC**	**TC**
	x = 1 mm	x = 1 mm	x = 1 mm	x = 1 mm
210 mm – 8¼"	13-340-210TCG	13-341-210TCG	13-340-210TCS	13-341-210TCS
mit Sperre with ratchet avec crémaillère con cremallera con cremagliera	gerade, glatt straight, smooth droit, lisse curva, lisa retto, liscio	gebogen, glatt curved, smooth courbe, lisse curva, lisa curvo, liscio	gerade, gerieft straight, serrated droit, strié recta, estriada retto, zigrinato	gebogen, gerieft curved, serrated courbe, strié curva, estriada curvo, zigrinato

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 ¼ "	13-342-110	13-343-110
125 mm – 5 "	13-342-125	13-343-125
130 mm – 5 "	13-342-130	13-343-130
150 mm – 6 "	13-342-150	13-343-150
180 mm – 7 "	13-342-180	13-343-180

ohne Sperre	gerade	gebogen
without ratchet	straight	curved
sans crémaillère	droites	courbes
sin cremallera	recta	curva
senza cremagliera	retto	curva

110 mm – 4 ¼ "	13-344-110	13-345-110
125 mm – 5 "	13-344-125	13-345-125
130 mm – 5 "	13-344-130	13-345-130
150 mm – 6 "	13-344-150	13-345-150
180 mm – 7 "	13-344-180	13-345-180

mit Sperre	gerade	gebogen
with ratchet	straight	curved
avec crémaillère	droites	courbes
con cremallera	recta	curva
con cremagliera	retto	curva

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

TC


1:1

BARRAQUER

1:1 1:1 1:1 1:1

				Diamond Coated	Diamond Coated
140 mm – 5½"	8 mm Ø	13-346-140	13-347-140	13-346-140D	13-347-140D
ohne Sperre, sehr feines Maul without ratchet, extra delicate jaws sans crémaillère, mors très fine sin cremallera, boca muy fina senza cremagliera, morso molto fino		gerade straight droites recta retto	gebogen curved courbes curva curva	gerade straight droites recta retto	gebogen curved courbe curva curvo

				Diamond Coated	Diamond Coated
140 mm – 5½"	8 mm Ø	13-348-140	13-349-140	13-348-140D	13-349-140D
mit Sperre, sehr feines Maul with ratchet, extra delicate jaws avec crémaillère, mors très fine con cremallera, boca muy fina con cremagliera, morso molto fino		gerade straight droites recta retto	gebogen curved courbes curva curva	gerade straight droites recta retto	gebogen curved courbes curva curva

Mikronadelhalter
Micro needle holders
Micro porte aiguilles
Micro porta agujas
Micro porta aghi





150 mm – 6"	9 mm Ø	13-350-150

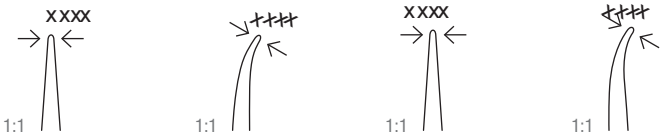
ohne Sperre, gebogen
without ratchet, curved
sans crémaillère, courbe
sin cremallera, curvo
senza cremagliera, curvo

Mikronadelhalter mit gedrehtem Schluss
Micro needle holders, 90° twisted

Micro porte aiguilles, tordus de 90°
Micro porta agujas, giradas de 90°
Porta aghi per micro-neurochirurgia

TC





	x = 0.4 mm	x = 0.4 mm	x = 0.9 mm	x = 0.9 mm
200 mm – 8 "	13-351-200	13-352-200	13-353-200	13-354-200
225 mm – 8 ¾ "	13-351-220	13-352-220	13-353-220	13-354-220
240 mm – 9 ½ "	13-351-240	13-352-240	13-353-240	13-354-240
ohne Sperre without ratchet sans crémaillère sin cremallera senza cremagliera	gerade straight droites recta retto	gebogen curved courbes curva curva	gerade straight droites recta retto	gebogen curved courbes curva curva

	Diamond Coated	**Diamond Coated**	**Diamond Coated**	**Diamond Coated**
	x = 0.4 mm	x = 0.4 mm	x = 0.9 mm	x = 0.9 mm
200 mm – 8 "	13-351-200D	13-352-200D	13-353-200D	13-354-200D
225 mm – 8 ¾ "	13-351-220D	13-352-220D	13-353-220D	13-354-220D
240 mm – 9 ½ "	13-351-240D	13-352-240D	13-353-240D	13-354-240D
ohne Sperre, diamantiert without ratchet, diamond coated sans crémaillère, diamanté sin cremallera, diamantada senza cremagliera, diamantato	gerade straight droites recta retto	gebogen curved courbes curva curva	gerade straight droites recta retto	gebogen curved courbes curva curva

INFORMATION

Diese Nadelhalter sind auch mit Sperre erhältlich.
These needle holders are also available with ratchet.
Ces porte aiguilles sort également disponibles avec crémaillère.
Estas porta agujas también son disponibles con cremallera.
Questi port'aghi son fornibili anche con cremagliera.

Mikronadelhalter
Micro needle holders
Micro porte aiguilles
Micro porta agujas
Micro porta aghi

TC


1:1

JACOBSON


1:1


1:1


1:1


1:1

			Diamond Coated	Diamond Coated
180 mm – 7"	13-355-185	13-356-185	13-355-185D	13-356-185D
ohne Sperre without ratchet sans crémaillère sin cremallera senza cremagliera	gerade straight droites recta retto	gebogen curved courbes curva curva	gerade straight droites recta retto	gebogen curved courbes curva curva

			Diamond Coated	Diamond Coated
180 mm – 7"	13-357-185	13-358-185	13-357-185D	13-358-185D
mit Sperre with ratchet avec crémaillère con cremallera con cremagliera	gerade straight droites recta retto	gebogen curved courbes curva curva	gerade straight droites recta retto	gebogen curved courbes curva curva

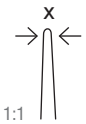
TC

Diese Nadelhalter sind auch mit Sperre erhältlich.
These needle holders are also available with ratchet.
Ces porte aiguilles sort également disponibles avec crémaillère.
Estas porta agujas también son disponibles con cremallera.
Questi port'aghi son fornibili anche con cremagliera.

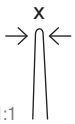
Mikronadelhalter
Micro needle holders
Micro porte aiguilles
Micro porta agujas
Micro porta aghi

TC











			Diamond Coated	Diamond Coated
9 mm Ø	x = 1.0 mm	x = 1.0 mm	x = 1.0 mm	x = 1.0 mm
230 mm – 9"	13-359-001	13-359-002	13-359-003D	13-359-004D
ohne Sperre without ratchet sans crémaillère sin cremallera senza cremagliera	gerade straight droites recta retto	gebogen curved courbes curva curvo	gerade straight droites recta retto	gebogen curved courbes curva curvo

			Diamond Coated	Diamond Coated
9 mm Ø	x = 1.0 mm	x = 1.0 mm	x = 1.0 mm	x = 1.0 mm
230 mm – 9"	13-360-001	13-360-002	13-360-003D	13-360-004D
mit Sperre with ratchet avec crémaillère con cremallera con cremagliera	gerade straight droites recta retto	gebogen curved courbes curva curvo	gerade straight droites recta retto	gebogen curved courbes curva curvo









	TC	TC	TC	TC
9 mm Ø				
230 mm – 9"	13-361-001	13-361-002	13-361-003	13-361-004
ohne Sperre without ratchet sans crémaillère sin cremallera senza cremagliera	gerade, glatt straight, smooth droit, lisse curva, lisa retto, liscio	gebogen, glatt curved, smooth courbe, lisse curva, lisa curvo, liscio	gerade, gerieft straight, serrated droit, strié recta, estriada retto, zigrinato	gebogen, gerieft curved, serrated courbe, strié curva, estriada curvo, zigrinato

	TC	TC	TC	TC
9 mm Ø				
230 mm – 9"	13-362-001	13-362-002	13-362-003	13-362-004
mit Sperre with ratchet avec crémaillère con cremallera con cremagliera	gerade, glatt straight, smooth droit, lisse curva, lisa retto, liscio	gebogen, glatt curved, smooth courbe, lisse curva, lisa curvo, liscio	gerade, gerieft straight, serrated droit, strié recta, estriada retto, zigrinato	gebogen, gerieft curved, serrated courbe, strié curva, estriada curvo, zigrinato

Mikronadelhalter
Micro needle holders
Micro porte aiguilles
Micro porta agujas
Micro porta aghi

TC


1:1


1:1


1:1 1:1

	titan	titan
	0.3 mm x 0.4 mm	0.3 mm x 0.4 mm
180 mm – 7 "	13-363-180	13-364-180

mit Sperre
with ratchet
avec crémaillère
con cremallera
con cremagliera


1:1 1:1

	titan	titan
	0.8 mm x 0.8 mm	0.8 mm x 0.8 mm
185 mm – 7 ¼ "	13-365-185	13-366-185

mit Sperre
with ratchet
avec crémaillère
con cremallera
con cremagliera

Mikronadelhalter
Micro needle holders

Micro porte aiguilles
Micro porta agujas
Micro porta aghi

TC


1:1


1:1


1:1

	titan	titan
	0.5 mm x 0.8 mm	0.5 mm x 0.8 mm
200 mm – 8"	13-367-200	13-368-200

mit Sperre
with ratchet
avec crémaillère
con cremallera
con cremagliera


1:1


1:1


1:1


1:1


1:1

	titan	titan	titan	titan
	0.4 x 0.6 mm	0.4 x 0.6 mm	0.6 x 0.6 mm	0.6 x 0.6 mm
200 mm – 8"	13-369-200	13-370-200	13-371-200	13-372-200

mit Sperre
with ratchet
avec crémaillère
con cremallera
con cremagliera

Mikronadelhalter
Micro needle holders
Micro porte aiguilles
Micro porta agujas
Micro porta aghi

TC



1:1



1:1



1:1

225 mm – 8 ¾"	13-373-225	13-374-225

	TC	TC
225 mm – 8 ¾"	13-375-225	13-361-225

	Titan	Titan
225 mm – 8 ¾"	13-376-225	13-377-225

ohne Sperre
without ratchet
sans crémaillère
sin cremallera
senza cremagliera

	Titan	Titan
225 mm – 8 ¾"	13-378-225	13-379-225
225 mm – 8 ¾"	13-380-225	13-381-225

mit Sperre
with ratchet
avec crémaillère
con cremallera
con cremagliera

laminektomiestanzen
Laminectomy punches

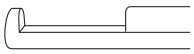
Pinces emporte-pièces à laminectomie
Pinzas cortantes para laminectomía
Pinze taglienti per laminectomia



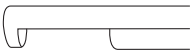


1 mm	2 mm	3 mm	4 mm	5 mm	6 mm

FERRIS-SMITH-KERRISON



	x = 150mm – 6"	x = 180 mm –7 "	x = 200 mm – 8 "	x = 230 mm – 9 "
1 mm	13-382-001	13-383-010	13-385-010	13-386-001
2 mm	13-382-002	13-384-002	13-385-020	13-386-002
3 mm	13-382-003	13-384-003	13-385-030	13-386-003
4 mm	13-382-004	13-383-040	13-385-040	13-386-004
5 mm	13-382-005	13-384-005	13-385-050	13-386-005
6 mm	13-382-006	13-383-060	13-385-060	13-386-006



1 mm	13-387-001	13-388-010	13-390-010	13-391-001
2 mm	13-387-002	13-389-002	13-390-020	13-391-002
3 mm	13-387-003	13-389-003	13-390-030	13-391-003
4 mm	13-387-004	13-388-040	13-390-040	13-391-004
5 mm	13-387-005	13-389-005	13-390-050	13-391-005
6 mm	13-387-006	13-388-060	13-390-060	13-391-006

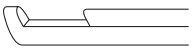
laminektomiestanzen
Laminectomy punches

Pinces emporte-pièces à laminectomie
Pinzas cortantes para laminectomía
Pinze taglienti per laminectomia

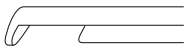


1:1	1:1	1:1	1:1	1:1	1:1
1 mm	2 mm	3 mm	4 mm	5 mm	6 mm

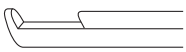
FERRIS-SMITH-KERRISON



	x = 150mm – 6"	x = 180 mm – 7 "	x = 200 mm – 8 "	x = 230 mm – 9 "
1 mm	13-392-001	13-393-010	13-395-010	13-396-001
2 mm	13-392-002	13-394-002	13-395-020	13-396-002
3 mm	13-392-003	13-394-003	13-395-030	13-396-003
4 mm	13-392-004	13-393-040	13-395-040	13-396-004
5 mm	13-392-005	13-394-005	13-395-050	13-396-005
6 mm	13-392-006	13-393-060	13-395-060	13-396-006



1 mm		13-397-010	13-398-010	
2 mm		13-397-020	13-398-020	13-399-002
3 mm		13-397-030	13-398-030	13-399-003
4 mm		13-397-040	13-398-040	13-399-004
5 mm		13-397-050	13-398-050	13-399-005
6 mm		13-397-060	13-398-060	13-399-006



1 mm		13-400-010		
2 mm		13-400-020		
3 mm		13-400-030		

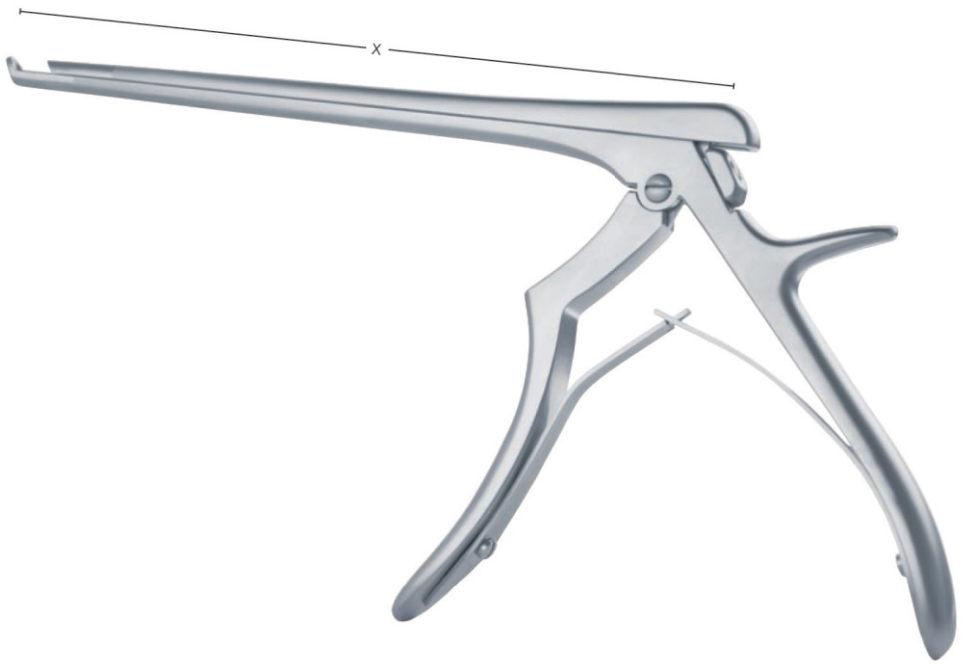


1 mm		13-401-010		
2 mm		13-401-020		
3 mm		13-401-030		

TC
Dünne Fußplatte
Thin footplate
Plaque de coupe étroite
Lámina de punción estrecha
Battente sottile

zerlegbare laminektomiestanzen
Dismantable laminectomy punches

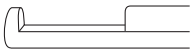
Pinces emporte-pièces démontables à laminectomie
Pinzas cortantes desmontables para laminectomía
Pinze taglienti smontabili per laminectomia



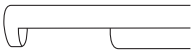


1 mm	2 mm	3 mm	4 mm	5 mm	6 mm

FERRIS-SMITH-KERRISON



	x = 180 mm – 7 "	x = 200 mm – 8 "	x = 230 mm – 9 "
1 mm	13-383-010Z	13-385-010Z	13-386-001Z
2 mm	13-384-002Z	13-385-020Z	13-386-002Z
3 mm	13-384-003Z	13-385-030Z	13-386-003Z
4 mm	13-383-040Z	13-385-040Z	13-386-004Z
5 mm	13-384-005Z	13-385-050Z	13-386-005Z
6 mm	13-383-060Z	13-385-060Z	13-386-00Z6



1 mm	13-388-010Z	13-390-010Z	13-391-001Z
2 mm	13-389-002Z	13-390-020Z	13-391-002Z
3 mm	13-389-003Z	13-390-030Z	13-391-003Z
4 mm	13-388-040Z	13-390-040Z	13-391-004Z
5 mm	13-389-005Z	13-390-050Z	13-391-005Z
6 mm	13-388-060Z	13-390-060Z	13-391-006Z

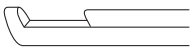
zerlegbare laminektomiestanzen
Dismantable laminectomy punches

Pinces emporte-pièces démontables à laminectomie
Pinzas cortantes desmontables para laminectomía
Pinze taglienti smontabili per laminectomia

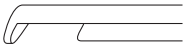


1:1	1:1	1:1	1:1	1:1	1:1
1 mm	2 mm	3 mm	4 mm	5 mm	6 mm

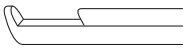
FERRIS-SMITH-KERRISON



	x = 180 mm – 7 "	x = 200 mm – 8 "	x = 230 mm – 9 "
1 mm	13-393-010Z	13-395-010Z	13-396-001Z
2 mm	13-394-002Z	13-395-020Z	13-396-002Z
3 mm	13-394-003Z	13-395-030Z	13-396-003Z
4 mm	13-393-040Z	13-395-040Z	13-396-004Z
5 mm	13-394-005Z	13-395-050Z	13-396-005Z
6 mm	13-393-060Z	13-395-060Z	13-396-006Z



1 mm	13-397-010Z	13-398-010Z	
2 mm	13-397-020Z	13-398-020Z	13-399-002Z
3 mm	13-397-030Z	13-398-030Z	13-399-003Z
4 mm	13-397-040Z	13-398-040Z	13-399-004Z
5 mm	13-397-050Z	13-398-050Z	13-399-005Z
6 mm	13-397-060Z	13-398-060Z	13-399-006Z



1 mm	13-400-010Z		
2 mm	13-400-020Z		
3 mm	13-400-030Z		



1 mm	13-401-010Z		
2 mm	13-401-020Z		
3 mm	13-401-030Z		

TC

Dünne Fußplatte
Thin footplate
Plaque de coupe étroite
Lámina de punción estrecha
Battente sottile

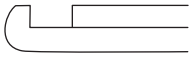
Laminektomiestanzen
Laminectomy punches

Pinces emporte-pièces à laminectomie
Pinzas cortantes para laminectomía
Pinze taglienti per laminectomia

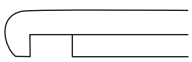


3 mm	5 mm

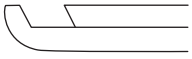
COLCLOUGH



	x = 150 mm – 6 "	x = 200 mm – 8 "
3 mm	13-402-150	13-402-200
5 mm	13-403-150	13-403-200



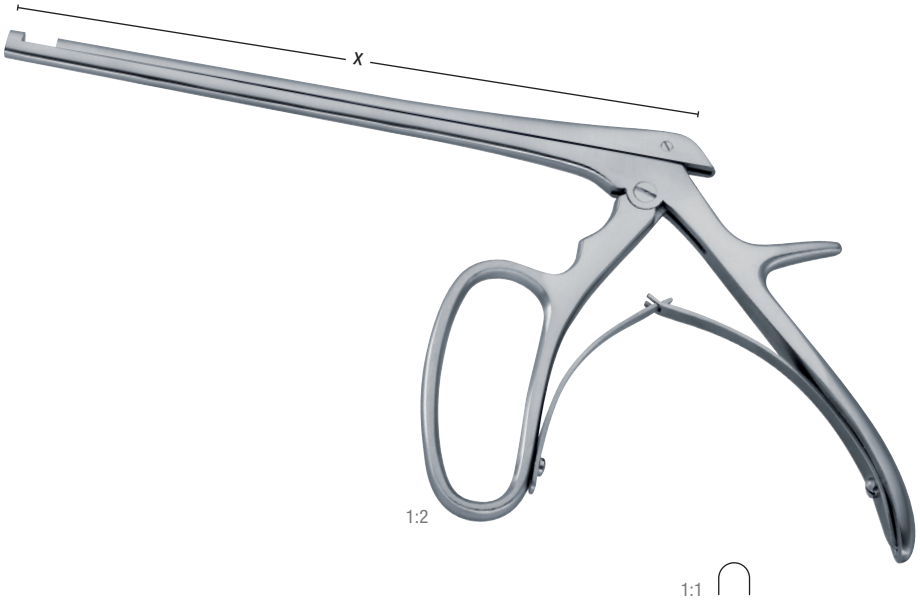
3 mm	13-404-150	13-404-200
5 mm	13-405-150	13-405-200



3 mm	13-406-150	13-406-200
5 mm	13-407-150	13-407-200

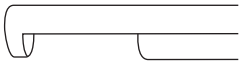
laminektomiestanzen
Laminectomy punches

Pinces emporte-pièces à laminectomie
Pinzas cortantes para laminectomía
Pinze taglienti per laminectomia



5 mm

FERRIS-SMITH-KERRISON



	x = 180 mm – 7"
5 mm	13-408-050

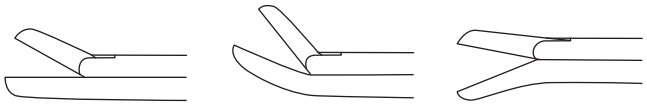


5 mm	13-409-050

Laminektomiestanzen
Laminectomy punches

Pinces emporte-pièces à laminectomie
Pinzas cortantes para laminectomía
Pinze taglienti per laminectomia





CUSHING

1:1 

	2 mm x 10 mm	2 mm x 10 mm	2 mm x 10 mm
x = 130 mm – 5"	13-410-130	13-411-130	13-412-130
x = 180 mm – 7"	13-410-180	13-411-180	13-412-180
x = 220 mm – 8¾"	13-410-220	13-411-220	13-412-220

LOVE-GRUENWALD

1:1 

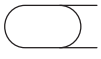
	3 mm x 10 mm	3 mm x 10 mm	3 mm x 10 mm
x = 130 mm – 5"	13-413-130	13-414-130	13-415-130
x = 150 mm – 6"	13-413-150	13-414-150	13-415-150
x = 180 mm – 7"	13-413-180	13-414-180	13-415-180

SPURLING

1:1 

	4 mm x 10 mm	4 mm x 10 mm	4 mm x 10 mm
x = 150 mm – 6"	13-416-150	13-417-150	13-418-150
x = 180 mm – 7"	13-416-180	13-417-180	13-418-180
x = 230 mm – 9"	13-416-230	13-417-230	13-418-230

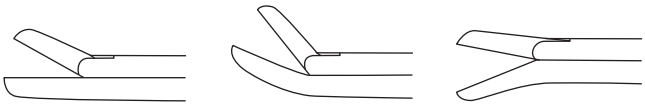
CLOWARD

1:1 

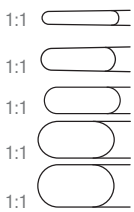
	6 mm x 10 mm
x = 180 mm – 7"	13-419-180

laminektomiestanzen
Laminectomy punches
Pinces emporte-pièces à laminectomie
Pinzas cortantes para laminectomía
Pinze taglienti per laminectomia





FERRIS-SMITH



	x = 180 mm – 7"	x = 180 mm – 7"	x = 180 mm – 7"
2 mm x 10 mm	13-420-002	13-421-020	13-422-020
3 mm x 10 mm	13-420-003	13-421-030	13-422-030
4 mm x 10 mm	13-420-004	13-421-040	13-422-040
5 mm x 10 mm	13-420-005	13-421-050	13-422-050
6 mm x 10 mm	13-420-006	13-421-060	13-422-060

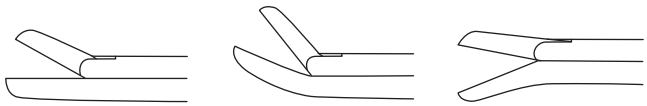
TC

Andere Längen und Ausführungen sind auf Anfrage lieferbar.
Other lengths and executions are available upon request.
Autres longueurs et éxecutions sont disponibles sur demande.
Otras longitudes y dimensiones son disponibles según demanda.
Altre lunghezze e modelli fornibili a richiesta.

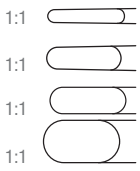
Laminektomiestanzen
Laminectomy punches

Pinces emporte-pièces à laminectomie
Pinzas cortantes para laminectomía
Pinze taglienti per laminectomia





CASPAR



	x = 155 mm – 6"	x = 155 mm – 6"	x = 155 mm – 6"
2 mm	13-423-020	13-424-020	13-425-020
3 mm	13-423-030	13-424-030	13-425-030
4 mm	13-423-040	13-424-040	13-425-040
5 mm	13-423-050		

laminektomiestanzen
Laminectomy punches

Pinces emporte-pièces à laminectomie
Pinzas cortantes para laminectomía
Pinze taglienti per laminectomia



OLDBERG

1:1 ○ 1:1 ○

x = 180 mm – 7"	3.5 mm Ø	6.0 mm Ø
	13-426-035	13-426-065



SCHLESINGER

	2 mm x 10 mm	3 mm x 10 mm	4 mm x 10 mm
	x = 125 mm – 5"	x = 125 mm – 5"	x = 125 mm – 5"
190 mm – 7½"	13-427-020	13-427-030	13-427-040

gezahnt
saw edge
dentelé
dentada
dentata

Laminektomiestanzen
Laminectomy punches

Pinces emporte-pièces à laminectomie
Pinzas cortantes para laminectomía
Pinze taglienti per laminectomia

TC
Maul gefenstert und gezahnt
Jaw fenestrated and serrated
Mors fenétré et dentelé
Boca con orificio y dentada
Morso finestrato e dentellato



CASPAR

	x = 140 mm – 5½ "	x = 160 mm – 6¼ "	x = 185 mm – 7¼ "
2 mm x 12 mm	13-428-200	13-429-200	13-430-200
3 mm x 12 mm	13-428-300	13-429-300	13-430-300
4 mm x 14 mm	13-428-400	13-429-400	13-430-400
5 mm x 14 mm	13-428-500	13-429-500	13-430-500
6 mm x 16 mm	13-428-600	13-429-600	13-430-600



	x = 140 mm – 5½ "	x = 160 mm – 6¼ "	x = 185 mm – 7¼ "
2 mm x 12 mm	13-431-200	13-432-200	
2.5 mm x 12 mm	13-431-250	13-432-250	13-433-300
4 mm x 14 mm	13-431-400	13-432-400	13-433-400
5 mm x 14 mm	13-431-500	13-432-500	13-433-500



	x = 140 mm – 5½ "	x = 160 mm – 6¼ "	x = 185 mm – 7¼ "
2 mm x 12 mm	13-434-200	13-435-200	
3 mm x 12 mm	13-434-250	13-435-250	13-436-300
4 mm x 14 mm	13-434-400	13-435-400	13-436-400

laminektomiestanzen
Laminectomy punches
Pinces emporte-pièces à laminectomie
Pinzas cortantes para laminectomía
Pinze taglienti per laminectomia



WEIL-BLAKESLEY

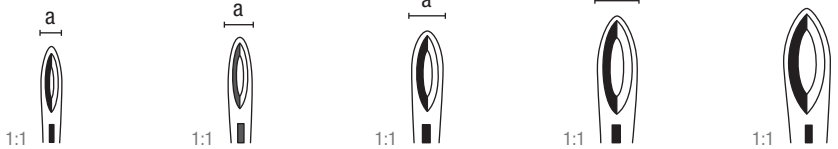


	Fig. 1	Fig. 2	Fig. 3	Fig. 4	Fig. 5
	a = 3.0 mm	a = 3.5 mm	a = 4.5 mm	a = 5.0 mm	a = 5.5 mm
x = 120 mm – 4¾ "	13-437-001	13-437-002	13-437-003	13-437-004	13-437-005
x = 120 mm – 4¾ "	13-438-001	13-438-002	13-438-003	13-438-004	
x = 120 mm – 4¾ "	13-439-001	13-439-002	13-439-003		





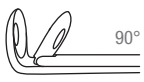
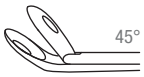
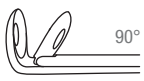


	Fig. 1	Fig. 2	Fig. 3	Fig. 4	Fig. 5
	a = 3.0 mm	a = 3.5 mm	a = 4.5 mm	a = 5.0 mm	a = 5.5 mm
x = 180 mm – 7 "	13-440-010	13-440-020	13-440-030	13-440-040	13-440-050
x = 180 mm – 7 "	13-441-010	13-441-020	13-441-030	13-441-040	





» HNO

» ENT

» ORL

» ORL

» ORL

NJ ENTERPRISES



Ohrspekula
Ear specula
Spéculums auriculaires
Espéculos auriculares
Specoli auricolari


1:1

TOYNBEE 1:1 1:1 1:1 1:1

	Fig. 1	Fig. 2	Fig. 3	Fig. 4
	4.5 mm Ø	5.5 mm Ø	6.5 mm Ø	7.5 mm Ø
36 mm – 1 ½"	14-101-450	14-101-550	14-101-650	14-101-750

14-101-000		x	x	x
14-101-002	x	x	x	x

Satz für Erwachsene
Set for adults
Jeu pour adultes
Juego para adultos
Serie per adulti



RICHNAU HOLMGREN 1:1 1:1 1:1 1:1

Fig. 0	Fig. 1	Fig. 2	Fig. 3
3 mm Ø	4 mm Ø	5 mm Ø	6 mm Ø
14-102-000	14-102-001	14-102-002	14-102-003

Ohrspekula
Ear specula
Spéculums auriculaires
Espéculos auriculares
Specoli auricolari


1:1

GRUBER

1:1  1:1  1:1  1:1 

	Fig. 1	Fig. 2	Fig. 3	Fig. 4
	a = 4.5 mm	a = 5.5 mm	a = 6.5 mm	a = 7.5 mm
	14-103-450	14-103-550	14-103-650	14-103-750
14-104-003		x	x	x
14-104-004	x	x	x	x

Satz für Erwachsene
Set for adults
Jeu pour adultes
Juego para adultos
Serie per adulti


1:1

GRUBER

1:1  1:1  1:1  1:1 

	Fig. 1	Fig. 2	Fig. 3	Fig. 4
	4.5 mm Ø	5.5 mm Ø	6.5 mm Ø	7.5 mm Ø
	14-105-450	14-105-550	14-105-650	14-105-750
14-105-000	x	x	x	x

Satz für Erwachsene
Set for adults
Jeu pour adultes
Juego para adultos
Serie per adulti


1:1

ZÖLLNER

1:1  1:1  1:1  1:1  1:1  1:1 

	Fig. 1	Fig. 2	Fig. 3	Fig. 4	Fig. 5	Fig. 6
	5.5 x 6.5 mm	6.5 x 7.5 mm	7.5 x 8.5 mm	8.5 x 9.5 mm	9.5 x 10.5 mm	10.5 x 11.5 mm
	14-106-010	14-106-020	14-106-030	14-106-040	14-106-050	14-106-060
14-106-000	x	x	x	x	x	x

Satz für Erwachsene, schwarz
Set for adults, black
Jeu pour adultes, noir
Juego para adultos, negro
Serie per adulti, nero


1:1

POLITZER

1:1  1:1  1:1  1:1 

	Fig. 1	Fig. 2	Fig. 3	Fig. 4
	2 mm Ø	3 mm Ø	4 mm Ø	5 mm Ø
	14-107-100	14-107-110	14-107-120	14-107-130
14-107-030	x	x	x	
14-108-040	x	x	x	x

Satz für Erwachsene
Set for adults
Jeu pour adultes
Juego para adultos
Serie per adulti

Ohrspekula
Ear specula
Spéculums auriculaires
Espéculos auriculares
Specoli auricolari


1:1

BOUCHERON 1:1 1:1 1:1 1:1

	Fig. 1	Fig. 2	Fig. 3	Fig. 4
	4.5 mm Ø	5.5 mm Ø	6.5 mm Ø	7.5 mm Ø
	14-109-500	14-109-600	14-109-700	14-109-800
14-109-000	x	x	x	x

Satz für Erwachsene
Set for adults
Jeu pour adultes
Juego para adultos
Serie per adulti


1:1

HARTMANN 1:1 1:1 1:1

	Fig. 0	Fig. 1	Fig. 2
	3.0 mm Ø	4.5 mm Ø	5.5 mm Ø
	14-110-300	14-110-450	14-110-550
14-111-030	x	x	x

Satz für Kinder
Set for children
Jeu pour enfants
Juego para niños
Serie per bambini


1:1

HARTMANN 1:1 1:1 1:1 1:1

	Fig. 1	Fig. 2	Fig. 3	Fig. 4
	4.5 mm Ø	5.5 mm Ø	6.5 mm Ø	7.5 mm Ø
	14-110-450	14-110-550	14-110-650	14-110-750
14-112-003		x	x	x
14-112-004	x	x	x	x

Satz für Erwachsene
Set for adults
Jeu pour adultes
Juego para adultos
Serie per adulti


1:1

HARTMANN 1:1 1:1 1:1 1:1 1:1

	Fig. 1	Fig. 2	Fig. 3	Fig. 4	Fig. 5
	2.0 mm Ø	3.5 mm Ø	5.0 mm Ø	6.5 mm Ø	7.5 mm Ø
	14-110-180B	14-110-350B	14-110-500B	14-110-650B	14-110-750B
14-110-000B		x	x	x	x

Satz für Erwachsene, schwarz
Set for adults, black
Jeu pour adultes, noir
Juego para adultos, negro
Serie per adulti, nero

Ohrspekula
Ear specula
Spéculums auriculaires
Espéculos auriculares
Specoli auricolari



SIEGLE

	Fig. 1	Fig. 2	Fig. 3		
	6.5 mm Ø	7.0 mm Ø	8.0 mm Ø		
	14-114-110	14-114-120	14-114-130	14-114-100	14-116-010
				Lupenkörper, allein Magnifyer, alone Loupe, seule Lupa, sola Lente, solo	Gebläse, allein Rubber bulb, alone Soufflerie, seule Insuflador, sola Soffieria, solo
14-115-003	x	x	x	x	x

Satz komplett
Set complete
Jeu complet
Juego completo
Serie completa



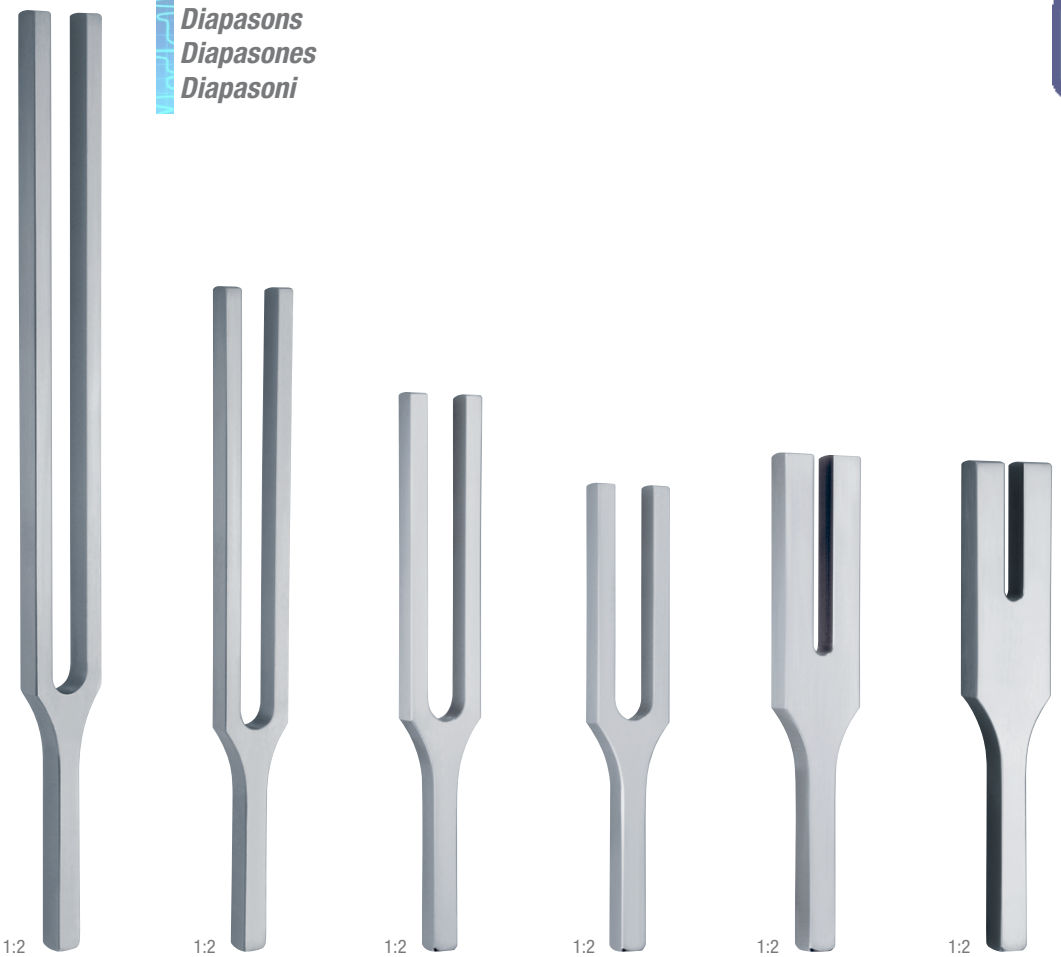
BRUENINGS

	Fig. 1	Fig. 2	Fig. 3	Fig. 4		
	6.5 mm Ø	7.5 mm Ø	8.5 mm Ø	9.5 mm Ø		
	14-116-110	14-116-120	14-116-130	14-116-140	14-116-050	14-116-010
					Lupenkörper, allein Magnifyer, alone Loupe, seule Lupa, sola Lente, solo	Gebläse, allein Rubber bulb, alone Soufflerie, seule Insuflador, sola Soffieria, solo
14-116-040	x	x	x	x	x	x

Satz komplett
Set complete
Jeu complet
Juego completo
Serie completa

Stimmgabeln
Tuning forks
Diapasons
Diapasones
Diapasoni

TC



HARTMANN

c 128	c^1 256	c^2 512	c^3 1024	c^4 2048	C^5 4096
14-122-001	14-122-002	14-122-003	14-122-004	14-122-005	14-122-006



Aluminium	Aluminium	Aluminium
c^2 512	c^3 1024	c^4 2048
14-122-013	14-122-014	14-122-015

HARTMANN

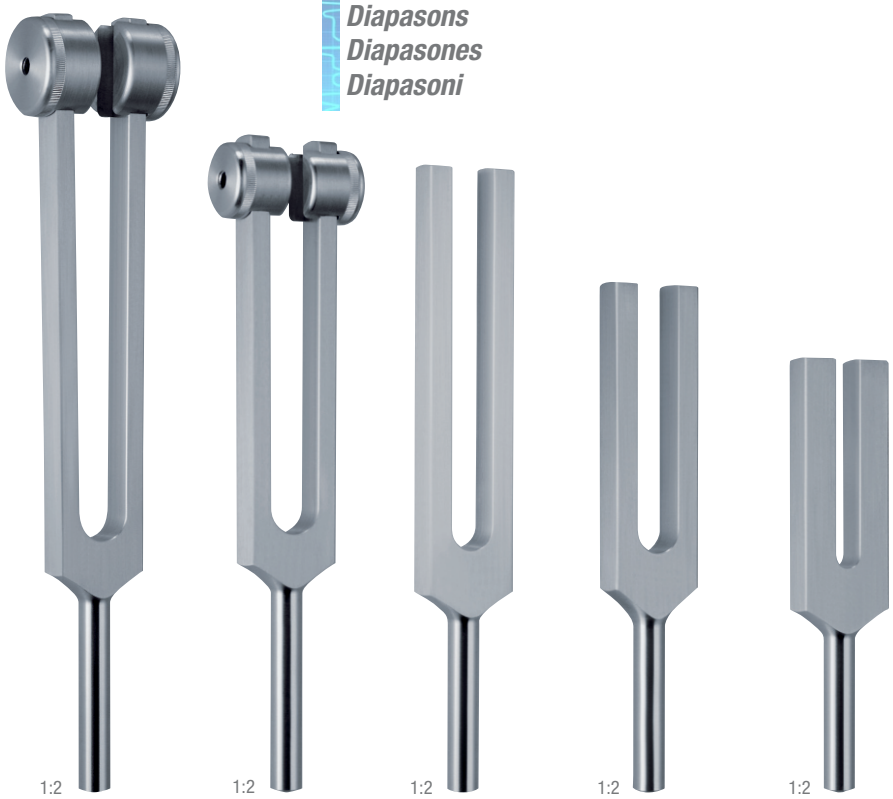
Satz im Etui (14-120-002, 14-120-003, 14-122-003, 14-122-004, 14-122-005)
Set in case (14-120-002, 14-120-003, 14-122-003, 14-122-004, 14-122-005)
Jeu en boîte (14-120-002, 14-120-003, 14-122-003, 14-122-004, 14-122-005)
Juego en estuche (14-120-002, 14-120-003, 14-122-003, 14-122-004, 14-122-005)
Serie in astuccio (14-120-002, 14-120-003, 14-122-003, 14-122-004, 14-122-005)

Aluminium

Satz im Etui (14-122-013, 14-122-014, 14-122-015)
Set in case (14-122-013, 14-122-014, 14-122-015)
Jeu en boîte (14-122-013, 14-122-014, 14-122-015)
Juego en estuche (14-122-013, 14-122-014, 14-122-015)
Serie in astuccio (14-122-013, 14-122-014, 14-122-015)

Stimmgabeln
Tuning forks
Diapasons
Diapasones
Diapasoni

TC



Aluminium	Aluminium	Aluminium	Aluminium	Aluminium
c 128	c 256	c^2 512	c^3 1024	c^4 2048
14-123-010	14-123-020	14-123-030	14-123-040	14-123-050



14-124-000

Satz im Etui (14-123-010 – 14-123-050)
Set in case (14-123-010 – 14-123-050)
Jeu en boîte (14-123-010 – 14-123-050)
Juego en estuche (14-123-010 – 14-123-050)
Serie in astuccio (14-123-010 – 14-123-050)

Ohrküretten
Ear curettes
Curettes auriculaires
Curetas auriculares
Curette auricolari

TC

Abbildungen zeigen den Außendurchmesser.
Pictures show the outer diameter.
Illustrations représentent le diamètre extèrne.
Illustraciones presentan el diámetro externo.
Le illustrazioni mostrano il diamentro esterno.


1:1

BUCK

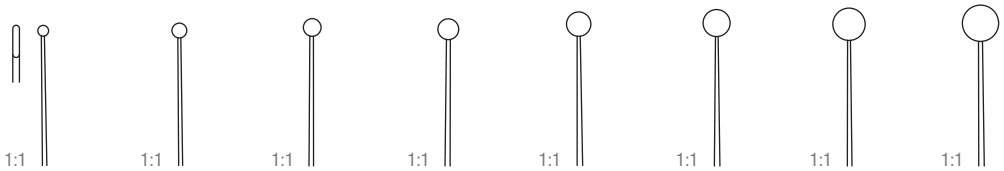

1:1 1:1 1:1 1:1 1:1 1:1 1:1 1:1

	Fig. 000	Fig. 00	Fig. 0	Fig. 1	Fig. 2	Fig. 3	Fig. 4	Fig. 5
165 mm – 6 ½ "	14-126-001	14-126-002	14-126-003	14-126-010	14-126-020	14-126-030	14-126-040	14-126-050

stumpf
blunt
mousse
roma
smussa

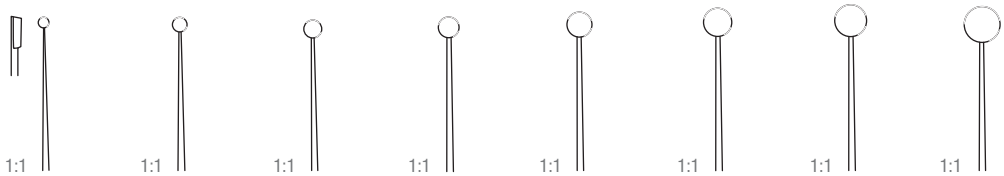

1:1 1:1 1:1 1:1 1:1 1:1 1:1 1:1

	Fig. 000	Fig. 00	Fig. 0	Fig. 1	Fig. 2	Fig. 3	Fig. 4	Fig. 5
165 mm – 6 ½ "	14-127-001	14-127-002	14-127-003	14-127-010	14-127-020	14-127-030	14-127-040	14-127-050

scharf
sharp
tranchante
cortante
tagliente

Ohrküretten
Ear curettes
Curettes auriculaires
Curetas auriculares
Curette auricolari

TC

Abbildungen zeigen den Außendurchmesser.
Pictures show the outer diameter.
Illustrations représentent le diamètre extèrne.
Illustraciones presentan el diámetro externo.
Le illustrazioni mostrano il diamentro esterno.

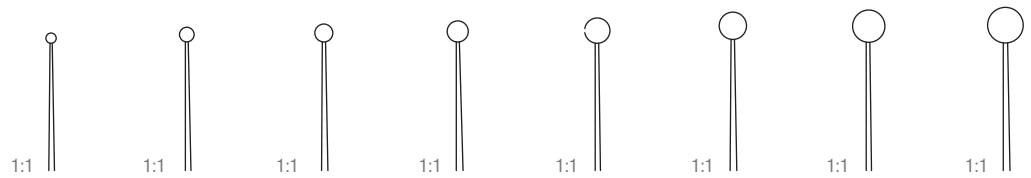


	Fig. 000	Fig. 00	Fig. 0	Fig. 1	Fig. 2	Fig. 3	Fig. 4	Fig. 5
165 mm – 6 ½ "	14-128-001	14-128-002	14-128-003	14-128-010	14-128-020	14-128-030	14-128-040	14-128-050

gebogen, stumpf
curved, blunt
courbe, tranchante
curva, cortante
curva, smussa

Ohrküretten und scharfe Löffel
Ear curettes and sharp spoons
Curettes auriculaires et cuillères tranchantes
Curetas y cucharillas auriculares cortantes
Curette auricolari e cucchiai taglienti



LANGENBECK 1:1

130 mm – 5 "
14-130-130

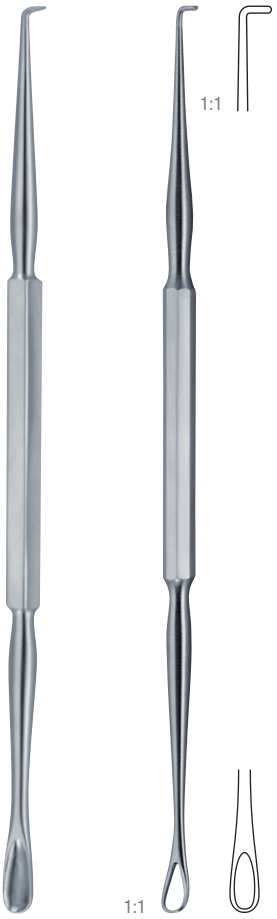
stumpf
blunt
mousse
roma
smussa



JANSEN 1:1

170 mm – 6 ¾ "
14-131-150

scharf
sharp
tranchante
cortante
acuta

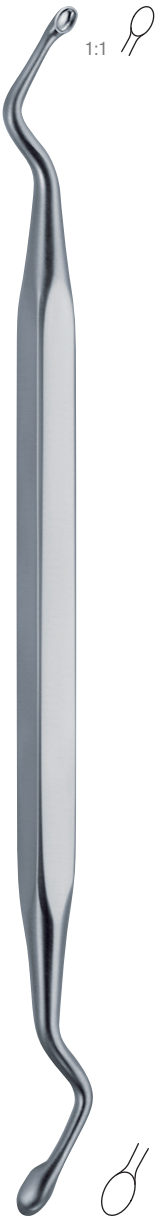


GROSS 1:1 1:1

120 mm – 4 ¾ "	120 mm – 4 ¾ "
14-132-120	14-133-120

scharf, voll
sharp, not fenestrated
tranchante, pleine
cortante,lleno
acuta, pieno

stumpf, gefenstert
blunt, fenestrated
mousse, fenêtrée
romas, fenestrada
smussa, fenestrata



JANSEN 1:1

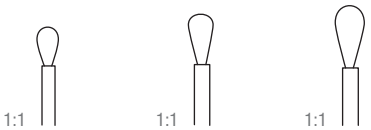
160 mm – 6 ¼ "
14-134-150

scharf
sharp
tranchante
cortante
acuta

Ohrschlingen – Häkchen
Ear loops – hooks
Anses – crochets auriculaires
Asas – ganchos auriculares
Anse – uncini auricolari


1:2

BILLEAU



165 mm – 6 ½ "	14-135-001	14-135-002	14-135-003


1:2

LUCAE



140 mm – 5 ½ "	14-136-001	14-136-002	14-136-003


1:2

WAGENER



140 mm – 5 ½ "	14-138-010	14-138-020	14-138-030	14-138-040	14-137-050	14-137-060	14-137-070

Ohrhäkchen – Messer
Ear hooks – knives
Crochets – couteaux auriculaires
Ganchos – cuchillos auriculares
Uncini – coltelli auricolari



DAY



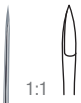


160 mm – 6 ¼ "	314-115-010	314-115-020



MUCK

135 mm – 5 ¼ "	14-139-130





GERZOG-SEXTON

170 mm – 6 ¾ "	14-140-170

Parazentesenadeln
Paracentesis needles
Aiguilles de paracentèse
Agujas para paracéntesis
Aghi per paracentesi



POLITZER 1:1

150 mm – 6 "
14-141-170

GERZOG 1:1

160 mm – 6 ¼ "
14-142-160

BUCK 1:1

160 mm – 6 ¼ "
14-143-160





LUCAE

180 mm – 7 "	14-144-180	14-145-180



LUCAE

190 mm – 7 ½ "
14-146-190



POLITZER

170 mm – 6 ¾ "
14-147-170





POLITZER

160 mm – 6 ¼ "	160 mm – 6 ¼ "
14-148-160	14-149-160
Nadel senkrecht Needle vertical Aiguille verticale Aguja vertical Ago verticale	Nadel waagrecht Needle horizontal Aiguille horizontale Aguja horizontal Ago orizzontale

Ohrpolypenschnürer
Ear polypus snares
Serre noeuds auriculaires
Polipótomos auriculares
Serranodi auricolari



	10 m – 33 ft.
0.3 mm Ø	14-150-300
0.4 mm Ø	14-150-400



0.2 mm Ø x 75 mm	14-151-002
0.3 mm Ø x 100 mm	14-151-003

in Bündeln mit 12 Stück
in bundles of 12 pieces
en paquetes de 12 pièces
en líos de 12 piezas
pacchetto di 12 pezzi



KRAUSE 1:2

160 mm – 6 ¼ "	14-152-160



KRAUSE-VOSS 1:2

160 mm – 6 ¼ "	14-153-160



LANGE-WILDE 1:2

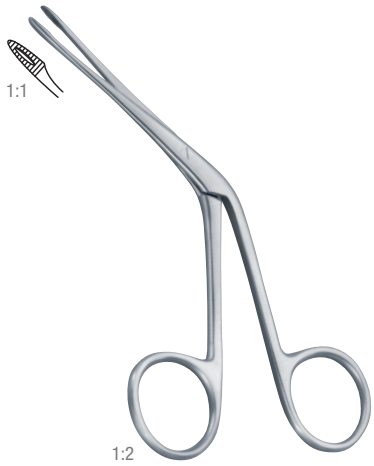
170 mm – 6 ¾ "	14-154-160

Ohrpolypenzangen
Ear polypus forceps
Pinces pour polypes auriculaires
Pinzas para pólipos auriculares
Pinze per polipi auricolari



LITTAUER

120 mm – 4 ¾ "	14-155-120



HARTMANN

120 mm – 4 ¾ "	14-156-120

feines Modell
delicate jaw
modèle fin
modelo fino
modello fino



HARTMANN

140 mm – 5 ½ "	14-156-140

normales Modell
normal jaw
modèle standard
modelo estandard
modello standard



QUIRE

105 mm – 4 ¼ "	14-157-100

Fremdkörperhebel
Foreign body lever
Levier pour corps étranjers
Elevador para cuerpos extraños
Leva per corpi estranei

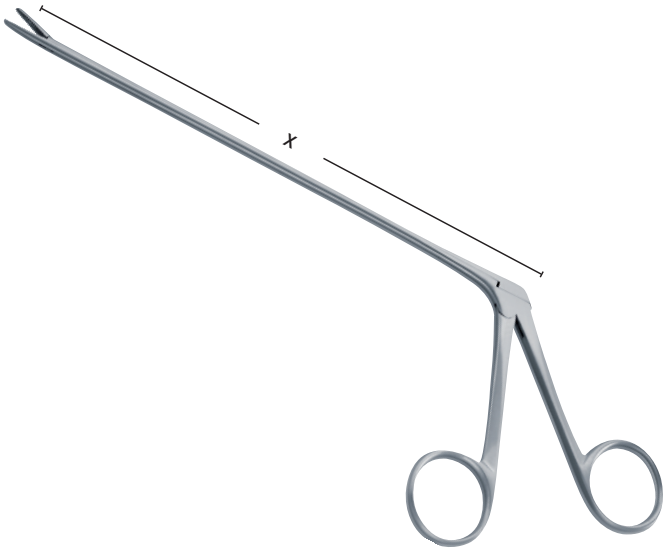


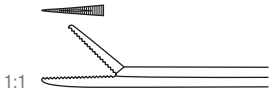
BUCK

115 mm – 4 ½ "	14-158-110

Fremdkörperzängchen
Foreign body forceps
Pince pour corps étranjers
Pinza para cuerpos extraños
Pinza per corpi estranei

Ohrzängchen
Ear forceps
Pinces auriculaires
Pinzas auriculares
Pinze auricolari





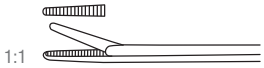
HARTMANN-WULLSTEIN

x = 85 mm – 3¼ "	14-159-085



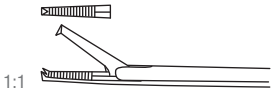
HARTMANN-WULLSTEIN

	1 mm Ø
x = 85 mm – 3¼ "	14-160-085



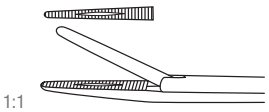
HARTMANN

x = 85 mm – 3¼ "	14-161-085
x = 140 mm – 5½ "	14-161-140
x = 160 mm – 6¼ "	14-162-160



HARTMANN

x = 85 mm – 3¼ "	14-163-085
x = 140 mm – 5½ "	14-163-140



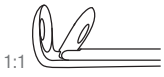
HARTMANN-NOYES

x = 90 mm – 3½ "	14-164-090

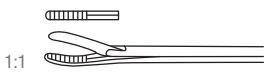
STRUEMPEL





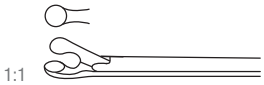


	x = 85 mm – 3¼ "
0°	14-165-085
45°	14-166-085
90°	14-167-085



HARTMANN-WEINGÄRTNER

x = 85 mm – 3¼ "	14-168-085



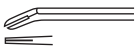
HARTMANN

	x = 85 mm – 3¼ "
2.0 mm Ø	14-169-020
2.5 mm Ø	14-169-025
3.0 mm Ø	14-169-030

Mikro-Ohrzängchen
Micro ear forceps
Micro pinces auriculaires
Micro-pinzas auriculares
Micro-pinze auricolari



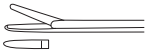
MCGEE 1:1



3.5 mm x 0.8 mm	14-170-500

Drahtbiegezängchen
Wire bending forceps
Pince pour plier fils métalliques
Pinza para plegar alambres
Pinza per piegare fili metallici

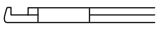
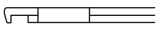
FULLER 1:1



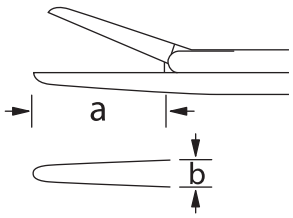
80 mm – 3¼ "	14-171-080

Einführungszängchen für Teflonprothesen
Introducing forceps for teflon prosthesis
Pince pour introduction pour prothéses de téflon
Pinza para introducir para prótesis de teflon
Pinza per introduzione di protesi in teflon

DIETER

x = 80 mm – 3¼ "	14-172-010	14-172-020	14-173-060	14-173-070
	1:1 	1:1 	1:1 	1:1 
Hammerkopfzängchen Malleus nipper Pince pour l'os marteau Pinza para cabezal del martillo Pinza per testa del martelletto	oben schneidend up-cutting coupe en haut corte arriba tagliente in alto	unten schneidend down-cutting coupe en bas corte abajo tagliente in basso	rechts schneidend right-cutting coupe à droite corte derecha tagliente a destra	links schneidend left-cutting coupe à gauche corte izquierda tagliente a sinistra

Mikro-Ohrzängchen
Micro ear forceps
Micro pinces auriculaires
Micro-pinzas auriculares
Micro-pinze auricolari





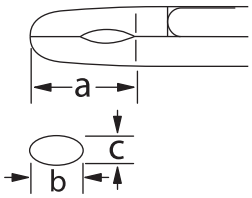
MINI MCGEE

a x b	1:1 x = 75 mm – 3"	1:1 x = 75 mm – 3"
3.5 mm x 0.6 mm	14-176-110	344-356-350
	gerade, glatt straight, smooth droit, lisse recta, lisa retta, liscio	gerade, gerieft straight, serrated droit, strié recta, estriada retta, zigrinata

a x b	1:1 x = 75 mm – 3"	1:1 x = 75 mm – 3"	1:1 x = 75 mm – 3"
3.5 mm x 0.6 mm		14-175-350	14-176-270
4.0 mm x 0.8 mm	14-174-400	14-175-400	14-177-400
	gerade, glatt straight, smooth droit, lisse recta, lisa retta, liscio	gerade, gerieft straight, serrated droit, strié recta, estriada retta, zigrinata	aufgebogen, gerieft curved upwards, serrated coudé en haut, strié curvada arriba, estriada curvata in alto, zigrinata

a x b	1:1 x = 75 mm – 3"	1:1 x = 75 mm – 3"	1:1 x = 75 mm – 3"
3.5 mm x 0.6 mm	14-176-280	14-176-290	14-178-400
4.0 mm x 0.8 mm	14-179-600	14-180-600	14-178-350
	rechts gebogen, gerieft curved to right, serrated coudé à droite, strié curvada a la derecha, estriada curvata a destra, zigrinata	links gebogen, gerieft curved to left, serrated coudé à gauche, strié curvada a la izquierda, estriada curvata a sinistra, zigrinata	abwärts gebogen, gerieft angled down, serrated coudé en bas, strié curvada à bajo, estriada curvata in basso, zigrinata

Mikro-Ohrzängchen
Micro ear forceps
Micro pinces auriculaires
Micro-pinzas auriculares
Micro-pinze auricolari





1:1 1:1

	x = 80 mm – 3¼ "	x = 80 mm – 3¼ "
a = 3.5 mm b = 0.6 mm x c = 0.5 mm	14-181-110	14-181-120
a = 4.0 mm b = 1.0 mm x c = 0.9 mm	14-182-450	14-183-000
	gerade, oval straight, oval droit, ovale recta, ovalada retta, ovale	aufgebogen, oval curved upwards, oval coudé en haut, ovale curvada arriba, ovalada curvata in alto, ovale

1:1 1:1

	x = 80 mm – 3¼ "	x = 80 mm – 3¼ "
a = 3.5 mm b = 0.6 mm x c = 0.5 mm	14-181-130	14-181-140
a = 4.0 mm b = 1.0 mm x c = 0.9 mm	14-184-450	14-185-450
	rechts gebogen, oval curved to right, oval coudé à droite, ovale curvada a la derecha, ovalada curvata a destra, ovale	links gebogen, oval curved to left, oval coudé à gauche, ovale curvada a la izquierda, ovalada curvata a sinistra

Mikro-Ohrscheren
Micro ear scissors
Micro ciseaux auriculaires
Micro-tijeras para oídos
Micro-forbici auricolari



BELUCCI

1:1 1:1

a x b	x = 75 mm – 3"	x = 75 mm – 3"
4.0 mm x 0.8 mm	14-186-001	14-186-003
sehr fein very fine très fine muy fina molto delicata	gerade, spitz/spitz straight, sharp/sharp droit, pointue/pointue recta, aguda/aguda retta, acuta/acuta	aufgebogen, stumpf/stumpf curved upwards, blunt/blunt courbéss en haut, mousse/mousse curvada arriba, roma/roma curvata in alto, smussa/smussa

1:1 1:1

a x b	x = 75 mm – 3"	x = 75 mm – 3"
4.0 mm x 0.8 mm	14-186-004	14-186-005
sehr fein very fine très fine muy fina molto delicata	rechts gebogen, spitz/spitz curved to right, sharp/sharp coudé à droite, pointue/pointue curvada a la derecha, aguda/aguda curvata a destra, acuta/acuta	links gebogen, spitz/spitz curved to left, sharp/sharp coudée à gauche, pointue/pointue curvada a la izquierda, aguda/aguda curvata a sinistra, acuta/acuta

1:1

	x = 75 mm – 3"
4.0 mm x 0.8 mm	14-186-002

gerade, spitz/stumpf
straight, sharp/blunt
droit, pointue/mousse
recta, aguda/roma
retta, acuta/smussa

Mikro-Ohrscheren
Micro ear scissors
Micro ciseaux auriculaires
Micro-tijeras para oídos
Micro-forbici auricolari



WULLSTEIN 1:1 1:1

a x b	x = 80 mm – 3¼ "	x = 80 mm – 3¼ "
4.0 mm x 0.8 mm	14-187-000	14-188-000
	gerade, spitz/spitz straight, sharp/sharp droit, pointue/pointue recta, aguda/aguda retta, acuta/acuta	aufgebogen, spitz/spitz curved upwards, sharp/sharp coudée en haut, pointue/pointue curvada arriba, aguda/aguda curvata in alto, acuta/acuta

WULLSTEIN 1:1 1:1

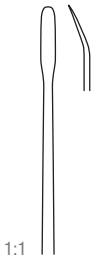
a x b	x = 80 mm – 3¼ "	x = 80 mm – 3¼ "
4.0 mm x 0.8 mm	14-189-000	14-190-000
	rechts gebogen, spitz/spitz curved to right, sharp/sharp coudé à droite, pointue/pointue curvada a la derecha, aguda/aguda curvata a destra, acuta/acuta	links gebogen, spitz/spitz curved to left, sharp/sharp coudée à gouche, pointue/pointue curvado a la izquierda, aguda/aguda curvata a sinistra, acuta/acuta

Ohr Mikro-Raspatorien und Sonden
Micro ear raspatories and probes
Micro rugines et sondes auriculaires
Micro-sondas y raspatorios auriculares
Micro-raspatori e sonde auricolari


1:1

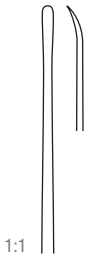
PLESTER


1:1


1:1


1:1

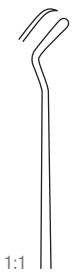
160 mm – 6¼"	14-191-160	14-192-002	14-192-000
	Führungsgabel Wire guide Fourchette d'introduction Tenedor guía Forchetta guida	Raspatorium Raspatory Rugine Raspatorio Raspatorio	Elevatorium Elevator Élévateur Elevador Elevatorio


1:1


1:1


1:1

	1.8 mm	1.0 mm	
160 mm – 6¼"	14-192-003	14-193-220	14-192-005
	Raspatorium Raspatory Rugine Raspatorio Raspatorio	Raspatorium Raspatory Rugine Raspatorio Raspatorio	Dissektor, doppelt links gebogen Dissector, double curved left Dissecteur, double courbe à gauche Disector, doble curvado a la izquierda Dissettore doppio curvato a sinistra


1:1


1:1

160 mm – 6¼"	14-192-007	14-194-160
	Dissektor, doppelt rechts gebogen Dissector, double curved right Dissecteur, double courbe à droite Disector, doble curvado a la derecha Dissettore, doppio curvato a destra	Handinstrument zum Andrücken von Drahtprothesen Instrument for placing wire prothesis Instrument pour mettre en place des protheses en fils métalliques Instrumento para posicionar prótesis de alambre Strumento per posizionare prothesi di fili metallici



HOUSE

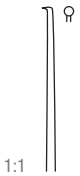
	160 mm – 6¼"
3.5 mm	14-195-350
4.0 mm	14-195-400
4.5 mm	14-195-450
5.0 mm	14-195-500

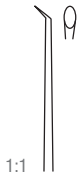
Messsonde
Measuring rod
Sonde à mesurer
Sonda para medir
Sonda per missurare

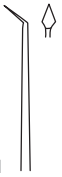
Ohrsichelmesser – Rundschnittmesser
Ear sickle knife – Circular cutting knives
Couteaux faucilles – Couteaux ronds
Cuchillos en forma de hoz – Cuchillos redondos
Coltelli auricolari



ROSEN









	1.5 mm Ø – 90°	45°	45°	
160 mm – 6 ¼ "	14-196-160	14-197-160	14-198-020	14-198-030
	Rundschnittmesser Circular cutting knife Couteau rond Cuchillo redondo Coltello rotondo	Trommelfellmesser Tympanum knife Couteau pour le tympan Cuchillo para el tímpano Coltello per timpani	Lanzenmesser Lancet knife Couteau lancéolaire Cuchillo lancelado Coltello lancelato	Lanzenmesser Lancet knife Couteau lancéolaire Cuchillo lancelado Coltello lancelato

SCHUHKNECHT





160 mm – 6 ¼ "	14-199-010	14-199-020
	Rollermesser, paralell Roller knife, parallel Couteau à lame, tournante, verticale Cuchillo redondo, vertical Coltello rotondo, paralello	Rollermesser, rechtwinklig Roller knife, right angled Couteau à lame, tournante, horizontale Cuchillo redondo, horizontal Coltello rotondo, orizontale

PLESTER



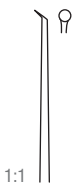


14-200-160	14-201-150
Sichelmesser, leicht gebogen Sickle knife, slightly curved Couteau faucille, légèrement courbe Cuchillo de hoz, ligeramente curvado Coltello a ferma di falce, legermente curvo	Diszisionsmesser, gerade Discision knife, straight Couteau à discision, droit Cuchillo de discición, recto Coltello di dissezione, retto

PLESTER



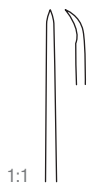
160 mm – 6 ¼ "	14-202-350
	Lappenmesser Flap knife Couteau à lambeaux Cuchillo para lóbulos Coltello per stacci



45°	160 mm – 6 ¼ "
3.0 mm Ø	14-197-300
2.6 mm Ø	14-197-260
2.0 mm Ø	14-197-200
1.6 mm Ø	14-197-160
1.0 mm Ø	14-197-100

Rundschnittmesser
Circular cutting knife
Couteau rond
Cuchillo redondo
Coltello rotondo

ZÖLLNER





	1 mm	1 mm
160 mm – 6 ¼ "	14-203-160	14-204-160
	Raspatorium Raspatory Rugine Raspatorio Raspatorio	Raspatorium Raspatory Rugine Raspatorio Raspatorio

Mikro-Ohrinstrumente
Instruments for micro ear surgery
Instruments pour la micro-chirurgie auriculaire
Instrumentos para la micro-cirugía auricular
Strumenti per micro-chirurgia auricolare



ZÖLLNER







90°	90°	
14-205-001	14-205-002	14-205-003
Rundschnittmesser, nach oben gebogen Round knife, angled up Coureau rond, coudé en haut Cuchillo redondo, angulado arriba Coltello rotondo, angolato in alto	Rundschnittmesser, nach unten gebogen Round knife, angled down Couteau rond, coudé en bas Cuchillo redondo, angulado a bajo Coltello rotondo, angolato in basso	Sichelmesser, nach oben gebogen Sickle knife, angled up Couteau faucille, courbe vers le haut Cuchillo de hoz, angulado arriba Coltello a forma di falce, angolato in alto







14-205-004	14-205-005	14-205-006
Sichelmesser, nach unten gebogen Sickle knife, angled down Couteau faucille, courbe vers le bas Cuchillo de hoz, angulado a bajo Coltello a forma di falce, curvato in basso	Lanzenmesser, links gebogen Lancet knife, curved to left Couteau lancéolaire, courbe à gauche Cuchillo lancelado, angulado a la izquierda Coltello lancelato, curvato a sinistra	Lanzenmesser, rechts gebogen Lancet knife, curved to right Couteau lancéolaire, courbe à droite Cuchillo lancelado, angulado a la derecha Coltello lancelato, curvato a destra







14-205-007	14-205-008	14-205-009
Raspatorium, links gebogen Raspatory, curved to left Décolleur, courbe à gauche Raspatorio, angulado a la izquierda Raspatorio, curvato a sinistra	Raspatorium, rechts gebogen Raspatory, curved to right Décolleur, courbe à droite Raspatorio, angulado a la derecha Raspatorio, curvato a destra	Führungsgabel Wire guide Fourchette d'introduction Tenedor guía Forchetta guída

Mikro-Ohrinstrumente
Instruments for micro ear surgery
Instruments pour la micro-chirurgie auriculaire
Instrumentos para la micro-cirugía auricular
Strumenti per micro-chirurgia auricolare



ZÖLLNER



	0.5 mm – 45°	0.5 mm – 45°
14-206-001	14-206-002	14-206-003
Nadel fein, gerade, spitz Needle fine, straight, sharp Aiguille fine, droite, pointue Aguja fina, recta, aguda Ago fino, retto, acuto	Häkchen, nach oben gebogen Hook, angled up Crochet, coudé en haut Gancho, curvado arriba Uncino, curvato in alto	Häkchen, nach unten gebogen Hook, angled down Crochet, coudé en bas Gancho, curvado a bajo Uncino, curvato in basso



0.5 mm – 90°	0.5 mm – 90°	1.0 mm – 45°
14-206-004	14-206-005	14-206-006
Häkchen, nach oben gebogen Hook, angled up Crochet, coudé en haut Gancho, curvado arriba Uncino, curvato in alto	Häckchen, nach unten gebogen Hook, angled down Crochet, coudé en bas Gancho, curvado a bajo Uncino, curvato in basso	Häkchen, nach oben gebogen Hook, angled up Crochet, coudé en haut Gancho, curvado arriba Uncino, curvato in alto



1.0 mm – 45°	1.0 mm	1.0 mm
14-206-007	14-206-008	14-206-009
Häkchen, nach unten gebogen Hook, angled down Crochet, coudé en bas Gancho, curvado a bajo Uncino, curvato in basso	Häkchen, rund nach oben gebogen Hook, curved up Crochet, courbure rond vers le haut Gancho, redondo, curvado arriba Uncino, rotondo, curvato in alto	Häkchen, rund nach unten gebogen Hook, curved down Crochet, courbure rond ver le bas Gancho, redondo, curvado a bajo Uncino, rotondo, curvato in basso

Mikro-Ohrnadeln und Häkchen
Micro ear needles and hooks
Micro-aiguilles et crochets auriculaires
Micro-agujas y ganchos auriculares
Micro-uncini ed aghi auricolari



BARBARA 1:1



160 mm – 6 ¼ "
14-208-150

Nadel fein, gerade, spitz
Needle fine, straight, sharp
Aiguille fine, droite, pointu
Aguja fina, recta, aguda
Ago fino, retto, acuto

1:1



160 mm – 6 ¼ "
14-207-150

stumpf/gewinkelt
blunt/angled
mousse/coudée
roma/angulada
smusso/angolato

1:1



160 mm – 6 ¼ "
14-209-150

Nadel, leicht gebogen, spitz
Needle, slightly curved, sharp
Aiguille, légèrement courbe, pointue
Aguja, ligeramente curva, aguda
Ago, legeremente curvato, acuto

ROSEN 1:1



160 mm – 6 ¼ "
14-210-150

Nadel, stark gebogen, spitz
Needle, strong curved, sharp
Aiguille, très courbe, pointue
Aguja, muy curvada, aguda
Ago, fortemente curvato, acuto



1:2

1:1



0.3 mm	14-211-030
0.6 mm	14-211-060
1.0 mm	14-211-100

1:1



0.3 mm	14-212-030
0.6 mm	14-212-060
1.0 mm	14-212-100
1.2 mm	14-212-120
1.5 mm	14-212-150
2.0 mm	14-212-200
2.5 mm	14-212-250

1:1



0.3 mm	14-213-030
0.6 mm	14-213-060
1.0 mm	14-213-100
1.2 mm	14-213-120
1.5 mm	14-213-150
2.0 mm	14-213-200
2.5 mm	14-213-250

1:1



0.5 mm	14-214-050
1.0 mm	14-214-100

PLESTER 1:1



0.4 mm – 90°	14-215-090

Fussplattenhäkchen, abgewinkelt, stumpf
Foot plate hook, angled, blunt
Crochet pour la platine de l'étrier, mousse
Gancho, para placa de óido, romo
Uncino per placca di piede, smusso

PLESTER 1:1



0.4 mm – 45°	14-215-045

Antrum Häkchen, aufgewinkelt, stumpf
Antrum hook, angled, blunt
Crochet pour l'antre, coudé, mousse
Gancho para el antrum, acodado, romo
Uncino per antrum, angolato in alto, smusso

1:1



	0.6 mm
160 mm – 6 ¼ "	14-193-410

Häkchen, retrograd gebogen
Hook, retrograd
Crochet, courbe retrograde
Gancho, acodado, retrógrado
Uncino, curvato reterogrado

Mikro-Ohrnadeln und Häkchen
Micro ear needles and hooks
Micro-aiguilles et crochets auriculaires
Micro-agujas y ganchos auriculares
Micro-uncini ed aghi auricolari


1:1

SHAMBAUGH 1:1 1:1

	160 mm – 6 ¼ "	160 mm – 6 ¼ "
	90°	90°
0.3 mm	14-216-030	14-217-030
0.6 mm	14-216-060	14-217-060
1.0 mm	14-216-100	14-217-100

Häkchen, nach oben gebogen
Hook, curved up
Crochet, coudé en haut
Gancho, curvado arriba
Uncino, curvato in alto

Häkchen, nach unten gebogen
Hook, curved down
Crochet, coudé en bas
Gancho, curvado abajo
Uncino, curvato in basso

BARBARA 1:1

	0.5 mm
155 mm – 6 "	14-218-150

MCGEE 1:1 1:1

	160 mm – 6 ¼ "	160 mm – 6 ¼ "
0.5 mm	14-219-050	14-220-050
1.0 mm	14-219-100	14-220-100

Häkchen, rund, nach oben gebogen
Hook, round, curved up
Crochet, courbé ronde, vers le haut
Gancho, redondo, curvado arriba
Uncino, rotondo, curvato in alto

Häkchen, rund, nach unten gebogen
Hook, round, curved down
Crochet, courbé ronde vers le bas
Gancho, redondo, curvado arriba
Uncino, rotondo, curvato in basso

ROSEN 1:1

	0.5 mm
160 mm – 6 ¼ "	14-221-150

Nadel, leicht gebogen
Needle, slightly curved
Aiguille, légèrement courbée
Aguja, ligeramente,cuvado
Ago, legermente curvato

MCGEE 1:1 1:1 1:1 1:1

	160 mm – 6 ¼ "	160 mm – 6 ¼ "	160 mm – 6 ¼ "	160 mm – 6 ¼ "
	25°	25°	45°	45°
0.3 mm	14-222-030	14-223-030	14-224-030	14-225-030
0.6 mm	14-222-060	14-223-060	14-224-060	14-225-060
1.0 mm	14-222-100	14-223-100	14-224-100	14-225-100

Häkchen, nach oben gebogen
Hook, curved up
Crochet, coudé en haut
Gancho, curvado arriba
Uncino, curvato in alto

Häkchen, nach unten gebogen
Hook, curved down
Crochet, coudé en bas
Gancho, curvado abajo
Uncino, curvato in basso

Häkchen, nach oben gebogen
Hook, curved up
Crochet, coudé en haut
Gancho, curvado arriba
Uncino, curvato in alto

Häkchen, nach unten gebogen
Hook, curved down
Crochet, coudé en bas
Gancho, curvado abajo
Uncino, curvato in basso

Mikro-Ohrraspatorien
Micro ear raspatories
Micro-raspateurs auriculaires
Micro-raspatorias auriculares
Micro-raspatori auricolari


1:1

FISCH


1:1

155 mm – 6"
14-226-160

rechts abgewinkelt
angled to the right
coudé à droite
angulado por la derecha
angulato a destra


1:1

155 mm – 6"
14-227-160

links abgewinkelt
angled to the left
coudé à gauche
angulado por la izquierda
angulato a sinistra


1:1

155 mm – 6"
14-228-160

rechts abgewinkelt
angled to the right
coudé à droite
angulado por la derecha
angulato a destra


1:1

155 mm – 6"
14-229-160

links abgewinkelt
angled to the left
coudé à gauche
angulado por la izquierda
angulato a sinistra


1:2

14-230-000

Rack für 8 Mikro-Ohr-Instrumente mit Sechs- oder Achtkantgriff
Rack for 8 each micro ear instruments with hexagonal or octagonal handle
Etagère pour 8 micro-instruments avec manches hexagonales o octagonales
Soporte para 8 micro-instrumentos con mangos hexagonales o octogonales
Supporto per 8 strumenti micro con manico esagonale e ottagonale

Mikro-Ohrlöffel
Micro ear spoons
Micro-curettes auriculaires
Micro-curetas auriculares
Micro-cucchiai auricolari


1:1

HOUSE

170 mm – 6¾"	14-231-010

Löffel, stark gebogen
Spoon, strong curved
Curette, fortement coudée
Cureta, muy curvada
Cucchaio, fortemente curvato

170 mm – 6¾"	14-231-020

Löffel, leicht gebogen
Spoon, slightly curves
Curette, légèrement coudée
Cureta, ligeramente curvada
Cucchaio, legeremente curvato


1:1 1:1

SHEA

	1.5 mm x 2.5 mm	1.5 mm x 2.5 mm
160 mm – 6¼"	14-233-010	14-233-020
	gerade straight droits recta retto	abgewinkelt angled condé angulado angulato

Mikro-Ohrlöffel
Micro ear spoons
Micro-curettes auriculaires
Micro-curetas auriculares
Micro-cucchiai auricolari


1:1

HOUSE

	1:1  1.0 mm Ø und 1.2 mm Ø	1:1  1.5 mm Ø und 1.8 mm Ø
150 mm – 6 "	14-234-010	14-234-020
	Löffel stark gebogen Spoon strong curved Curette fortement coudée Cureta, muy curvada Cucchaio, fortemente curvato	Löffel stark gebogen Spoon strong curves Curette fortement coudée Cureta, muy curvada Cucchaio, fortemente curvato

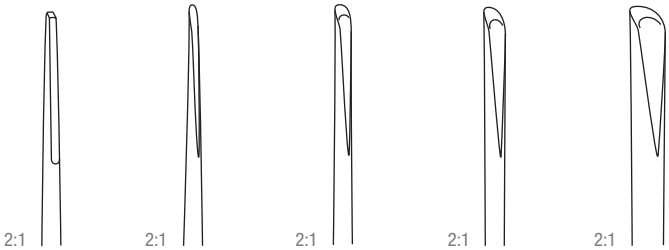

1:1

HOUSE

	1:1  1.0 mm Ø und 1.2 mm Ø	1:1  1.5 mm Ø und 1.8 mm Ø
150 mm – 6 "	14-235-010	14-235-020
	Löffel, leicht gebogen Spoon, slightly curved Curette, légèrement coudée Cureta, ligeramente curvada Cucchaio, legeremente curvato	Löffel, leicht gebogen Spoon, slightly curved Curette, légèrement coudée Cureta, ligeramente curvada Cucchaio, legeremente curvato

Mikro-Ohrmeißel und Hämmer
Micro ear chisels and hammers
Micro burins et marteaux auriculaires
Micro cincels y martillos para orejas
Micro scalpelli e martelli per orecchio


1:1


2:1 2:1 2:1 2:1 2:1

HEERMANN

0.7 mm	0.7 mm	1.0 mm	1.5 mm	3.0 mm
14-236-010	14-236-020	14-236-040	14-236-050	14-236-060
Flachmeissel Chisel Ciseaux Escoplo Scalpello	Hohlmeissel Gouge Gouge Gubia Sgorbia	Hohlmeissel Gouge Gouge Gubia Sgorbia	Hohlmeissel Gouge Gouge Gubia Sgorbia	Hohlmeissel Gouge Gouge Gubia Sgorbia



HEERMANN

14-236-100

Handgriff für Meissel (14-236-010 – 14-236-050)
Handle for chisels (14-236-010 – 14-236-050)
Manche pour ciseaux (14-236-010 – 14-236-050)
Mango para escoplos (14-236-010 – 14-236-050)
Manico per scalpelli/sgorbie (14-236-010 – 14-236-050)


1:2

HEERMANN

195 mm – 7 ¾ "	14-236-150

Hammer, Metall
Metal hammer
Maillet en métal
Martillo, de metal
Martello, accaio


1:2

COTTLE

	240 g
185 mm – 7 ¼ "	14-237-185

Hammer, Metall
Metal hammer
Maillet en métal
Martillo, de metal
Martello, accaio

Ohrraspatorien
Ear raspatories
Raspateurs auriculaires
Raspatorias auriculares
Raspatori auricolari



WULLSTEIN

160 mm – 6¼"	14-238-160	14-239-160
	gerade straight droite recta rette	gebogen curved courbe curva curvo





ROSEN

	1.5 mm	2.5 mm
175 mm – 7"	14-240-010	14-240-020
	bajonettförmig bayonet shaped en forme de baionette en forma de bayoneta forma a baionetta	bajonettförmig bayonet shaped en forme de baionette en forma de bayoneta forma a baionetta



LEMPERT

3.0 mm
160 mm – 6¼"
14-241-160

Ohr-Knochenstanzen
Bone rongeurs
Rongeurs auriculaires
Pinzas osteótomos auriculares
Conchotomi auricolari



CITELLI

	x = 60 mm	170 mm – 6 ¾ "
∩	1.5 mm	14-242-001
⊓	2.2 mm	14-242-002
⊓	3.0 mm	14-242-003





KERRISON

	∩	∩	∩	∩
200 mm – 8 "	3 x 3 mm	4 x 4 mm	5 x 5 mm	6 x 6 mm
x = 80 mm	14-243-003	14-243-004	14-243-005	14-243-006

Ohr-Knochenstanzen
Bone rongeurs
Rongeurs auriculaires
Pinzas osteótomos auriculares
Conchotomi auricolari



BEYER

	1 mm
140 mm – 5 ½ "	14-244-000



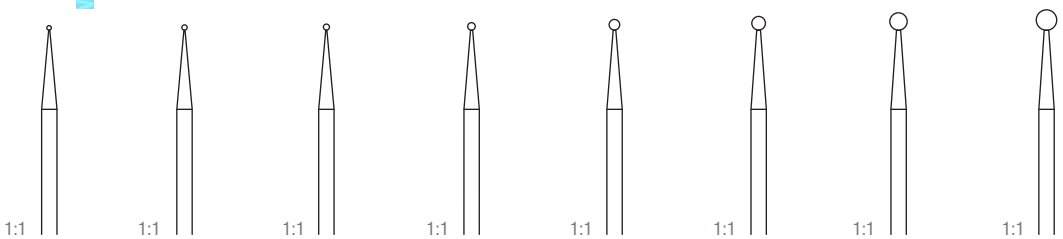
BEYER

	2 mm
190 mm – 7 ½ "	14-245-000

Bohrer
Burrs
Fraises
Brocas
Perforatori

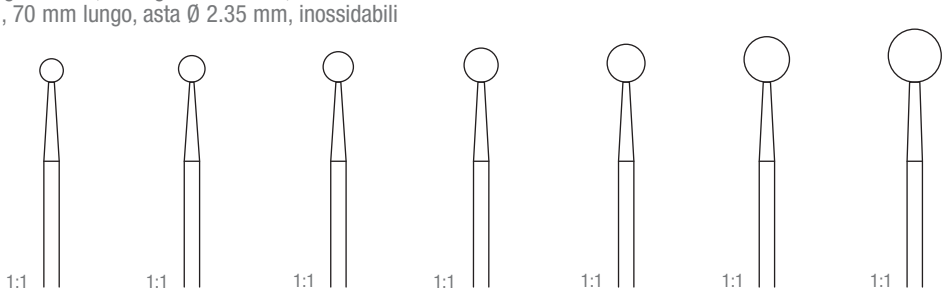


„ROSEN"-BOHRER



	0.6 mm Ø	0.7 mm Ø	0.8 mm Ø	1.0 mm Ø	1.4 mm Ø	1.8 mm Ø	2.3 mm Ø	2.7 mm Ø
70 mm – 2¾"	14-246-060	14-246-070	14-246-080	14-246-100	14-246-140	14-246-180	14-246-230	14-246-270

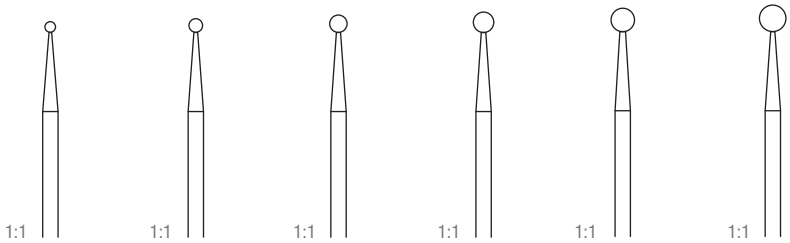
„Rosen"-Bohrer, 70 mm lang, Schaft-Ø 2.35 mm, rostfrei
"Rosen" burrs, 70 mm long, shank diameter 2.35 mm, stainless
Fraises de «Rosen», 70 mm de long, Ø de tige 2.35 mm, inoxydables
Brocas "Rosen", largo 70 mm, vástago-Ø 2.35 mm, inoxidables
Perforatori "Rosen", 70 mm lungo, asta Ø 2.35 mm, inossidabili



	3.1 mm Ø	3.5 mm Ø	4.0 mm Ø	4.5 mm Ø	5.0 mm Ø	6.0 mm Ø	7.0 mm Ø
70 mm – 2¾"	14-246-310	14-246-350	14-246-400	14-246-450	14-246-500	14-246-600	14-246-700

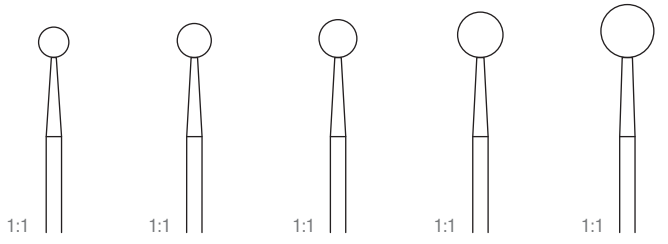


„ROSEN"-BOHRER



	1.4 mm Ø	1.8 mm Ø	2.3 mm Ø	2.7 mm Ø	3.1 mm Ø	3.5 mm Ø
95 mm – 3¾"	14-247-140	14-247-180	14-247-230	14-247-270	14-247-310	14-247-350

„Rosen"-Bohrer, 95 mm lang, Schaft-Ø 2.35 mm, rostfrei
"Rosen" burrs, 95 mm long, shank diameter 2.35 mm, stainless
Fraises de «Rosen», 95 mm de long, Ø de tige 2.35 mm, inoxydables
Brocas "Rosen", largo 95 mm, vástago-Ø 2.35 mm, inoxidables
Perforatori "Rosen", 95 mm lungo, asta Ø 2.35 mm, inossidabili

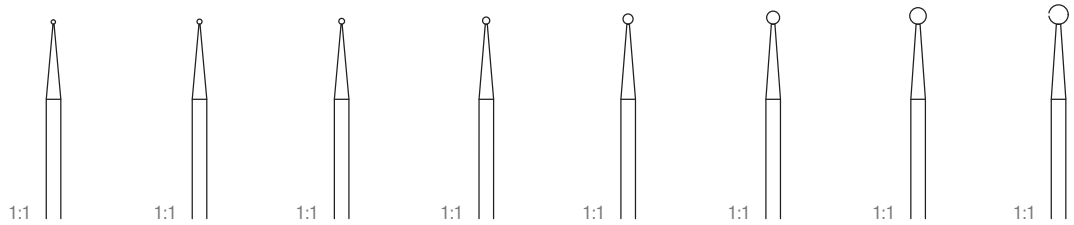


	4.0 mm Ø	4.5 mm Ø	5.0 mm Ø	6.0 mm Ø	7.0 mm Ø
95 mm – 3¾"	14-247-400	14-247-450	14-247-500	14-247-600	14-247-700

Bohrer
Burrs
Fraises
Brocas
Perforatori

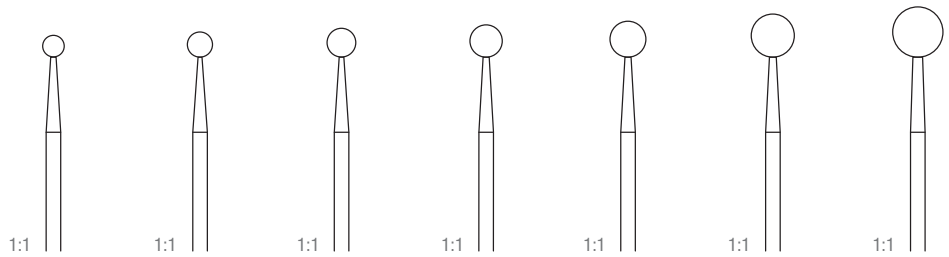


DIAMANTBOHRER



	0.6 mm Ø	0.7 mm Ø	0.8 mm Ø	1.0 mm Ø	1.5 mm Ø	1.8 mm Ø	2.3 mm Ø	2.7 mm Ø
70 mm – 2¾"	14-248-060	14-248-070	14-248-080	14-248-100	14-248-150	14-248-180	14-248-230	14-248-270

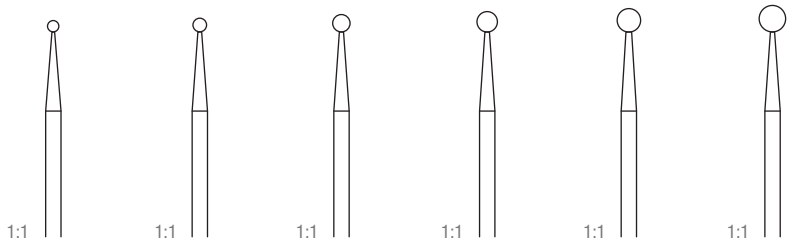
Diamantbohrer, 70 mm lang, Schaft-Ø 2.35 mm
Diamont dust polishing burrs, 70 mm long, shank diameter 2.35 mm
Fraises à polir, diamantées, 70 mm de long, Ø de tige 2.35 mm
Brocas diamantadas, largo 70 mm, vástago-Ø 2.35 mm
Perforatori diamantati, 70 mm lungo, asta Ø 2.35 mm



	3.0 mm Ø	3.5 mm Ø	4.0 mm Ø	4.5 mm Ø	5.0 mm Ø	6.0 mm Ø	7.0 mm Ø
70 mm – 2¾"	14-248-300	14-248-350	14-248-400	14-248-450	14-248-500	14-248-600	14-248-700

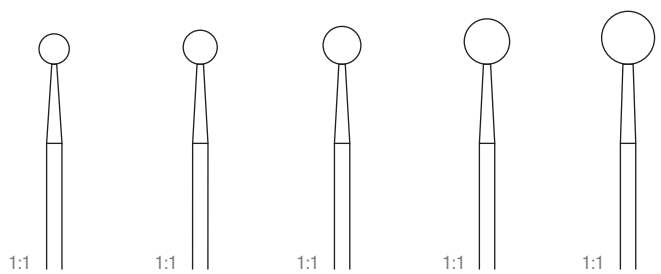


DIAMANTBOHRER



	1.5 mm Ø	1.8 mm Ø	2.3 mm Ø	2.7 mm Ø	3.0 mm Ø	3.5 mm Ø
95 mm – 3¾"	14-249-150	14-249-180	14-249-230	14-249-270	14-249-300	14-249-350

Diamantbohrer, 95 mm lang, Schaft-Ø 2.35 mm
Diamond dust polishing burrs, 95 mm long, shank diameter 2.35 mm
Fraises à polir, diamantées, 95 mm de long, Ø de tige 2.35 mm
Brocas diamantadas, largo 95 mm, vástago-Ø 2.35 mm
Perforatori diamantati, 95 mm lungo, asta Ø 2.35 mm



	4.0 mm Ø	4.5 mm Ø	5.0 mm Ø	6.0 mm Ø	7.0 mm Ø
95 mm – 3¾"	14-249-400	14-249-450	14-249-500	14-249-600	14-249-700

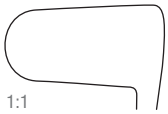
Nasenspekula
Nasal specula
Spéculums nasaux
Espéculos nasales
Specoli nasali


1:2

THUDICHUM (GOLDSMITH)


1:1

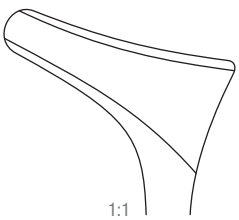

1:1

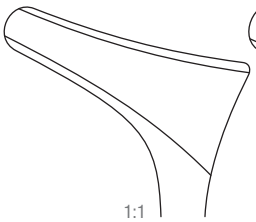

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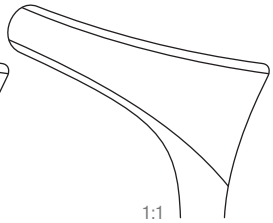
	21 mm x 9.5 mm	21 mm x 10.5 mm	21 mm x 11.5 mm
65 mm – 2 ½ "	14-250-010	14-250-020	14-250-030


1:2

HARTMANN


1:1

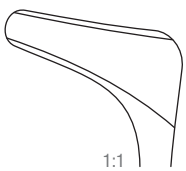

1:1

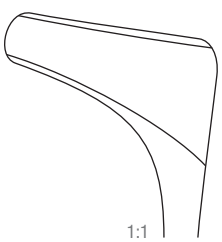

1:1

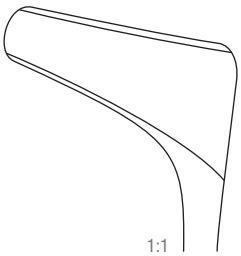
160 mm – 6 ¼ "	14-251-001	14-251-002	14-251-003


1:2

HARTMANN-HALLE


1:1


1:1

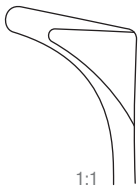

1:1

150 mm – 6 "	14-252-001	14-252-002	14-252-003

Nasenspekula
Nasal specula
Spéculums nasaux
Espéculos nasales
Specoli nasali



TIECK-HALLE

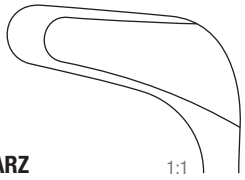


135 mm – 5 ¼ "	14-253-000

für Säuglinge
for babies
pour nourrissons
para lactantes
per lattanti



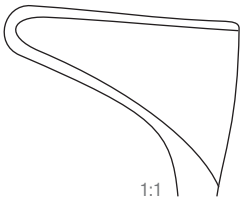
SCHWARZ

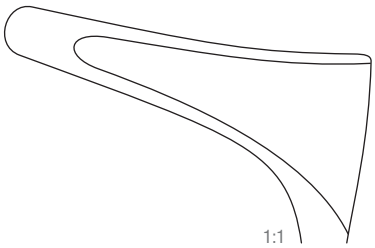


140 mm – 5 ½ "	14-254-140

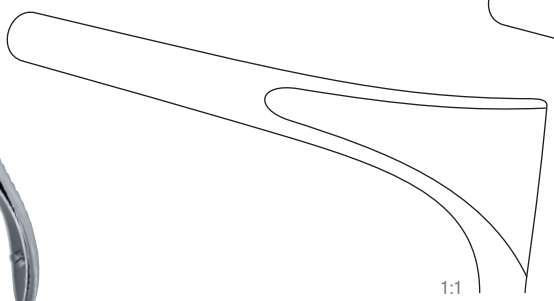


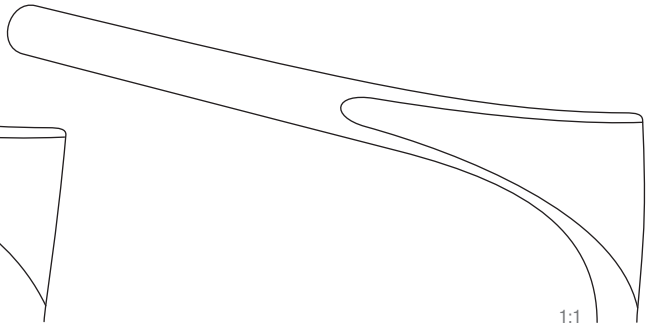
KILLIAN





	x = 35 mm	x = 50 mm
130 mm – 5 "	14-255-001	14-255-002

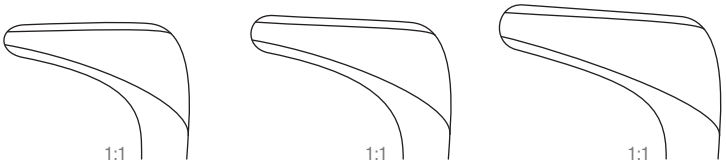




	x = 75 mm	x = 90 mm
130 mm – 5 "	14-255-003	14-255-004

Nasenspekula
Nasal specula
Spéculums nasaux
Espéculos nasales
Specoli nasali

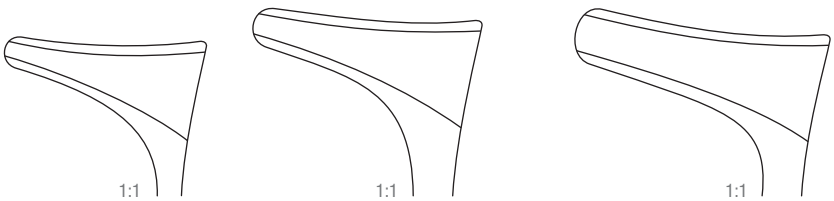

1:2


1:1 1:1 1:1

BECKMANN

150 mm – 6 "	14-256-001	14-256-002	14-256-003


1:2


1:1 1:1 1:1

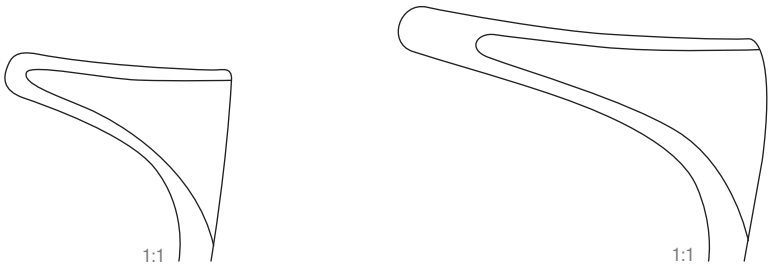
MOD. WIEN

145 mm–5 ¾ "	14-257-001	14-257-002	14-257-003

Nasenspekula
Nasal specula
Spéculums nasaux
Espéculos nasales
Specoli nasali

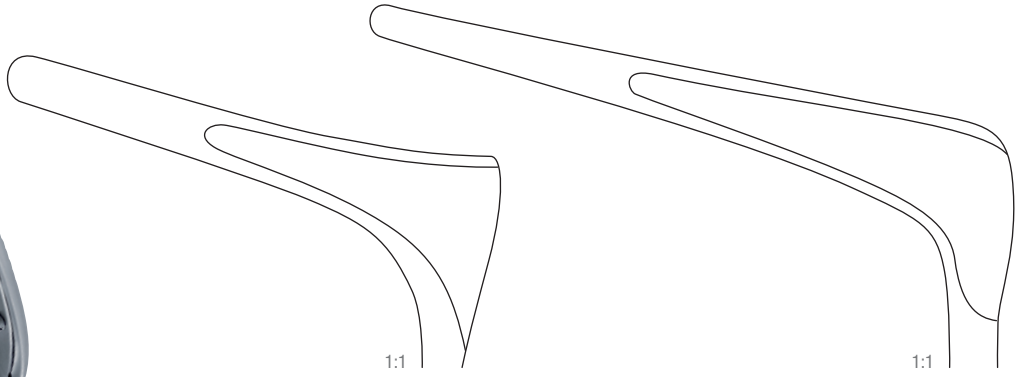


1:2


1:1 1:1

COTTLE

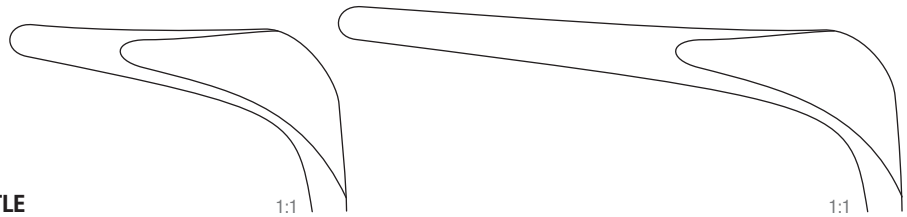
	x = 35 mm	x = 50 mm
150 mm – 6 "	14-258-035	14-258-050


1:1 1:1

	x = 75 mm	x = 90 mm
150 mm – 6 "	14-258-075	14-258-090



1:2


1:1 1:1

COTTLE

	x = 35 mm	x = 50 mm
140 mm – 5 ½ "	14-259-350	14-259-500

schwarz verchromt
black, chrome plated
chromé en noir
cromado en negro
cromato nero

	x = 75 mm	x = 90 mm
140 mm – 5 ½ "	14-259-750	14-259-900

schwarz verchromt
black, chrome plated
chromé en noir
cromado en negro
cromato nero

Nasenpolypenzangen – Septumzangen
Nasal polypus and septum forceps

Pinces à polypes et la cloison nasale
Pinzas para pólipos y el tabique nasal
Pinze per polipi e setto nasale



WESTMACOTT

200 mm – 8 "	14-260-200



LUBET-BARBON

200 mm – 8 "	14-261-200



HARTMANN

160 mm – 6 ¼ "	14-262-160
200 mm – 8 "	14-262-200

Nasenpolypenzangen – Septumzangen
Nasal polypus and septum forceps

Pinces à polypes et la cloison nasale
Pinzas para pólipos y el tabique nasal
Pinze per polipi e setto nasale



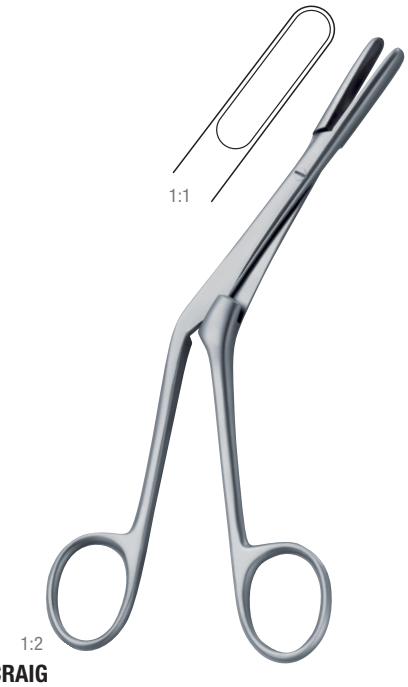
TILLEY

140 mm – 5 ½ "	14-263-140



HEYMANN-KNIGHT

180 mm – 7 "	14-264-180

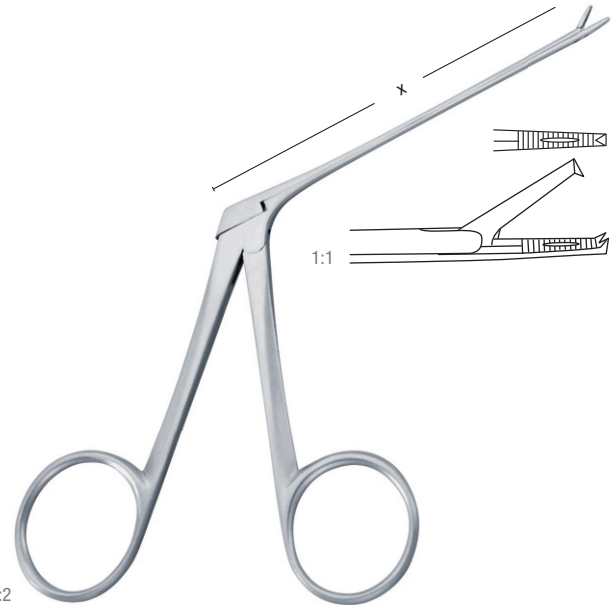


CRAIG

180 mm – 7 "	14-265-180

Nasentamponzange
Nasal dressing forceps

Pince à pansement pour le nez
Pinza nasal para taponamiento
Pinza per tamponamento nasale



NOYES

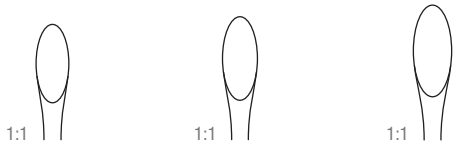
x = 110 mm – 3½"	14-266-090

1 x 2

Nasenpolypenzangen
Nasal polypus
Pinces à polypes nasales
Pinzas para pólipos nasales
Pinze per polipi nasali



HEYMANN



180 mm – 7 "	14-267-010	14-267-020	14-267-030



LITTAUER

180 mm – 7 "	14-268-180

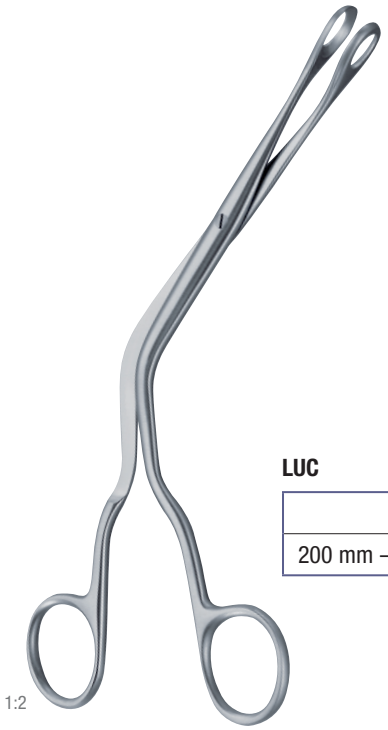


KNIGHT

180 mm – 7 "	14-269-180

Scharfe Nasenzangen
Nasal cutting forceps

Pinces coupantes pour le nez
Pinzas nasales cortantes
Pinze taglienti per naso



LUC

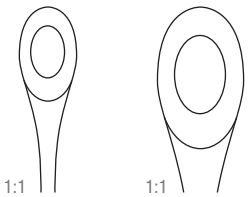


	Fig. 1	Fig. 2
200 mm – 8 "	14-270-010	14-270-020

gefenstert
fenestraded
fenèstré
fenestrado
finestrato

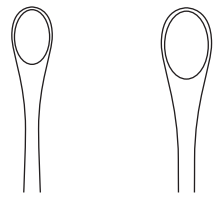
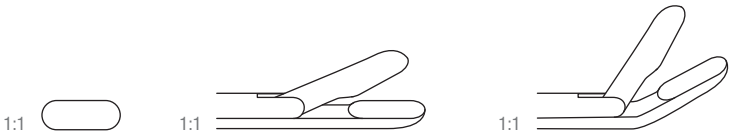


Fig. 1	Fig. 2
14-271-010	14-271-020

voll
plaine
pleine
lleno
pieno



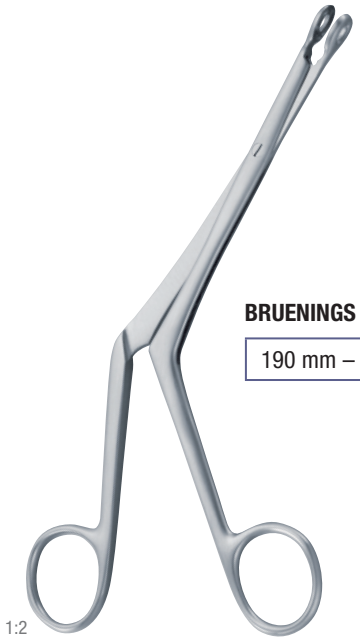
TAKAHASHI

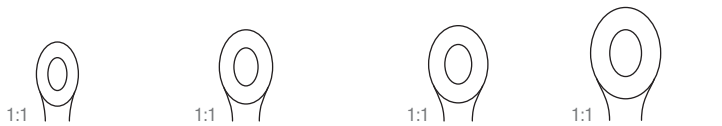


	3.5 mm x 10 mm	3.5 mm x 10 mm
x = 120 mm – 4 ¾ "	14-272-120	14-273-120

Scharfe Nasenzangen
Nasal cutting forceps

Pinces coupantes pour le nez
Pinzas nasales cortantes
Pinze taglienti per naso





BRUENINGS				
190 mm – 7 ½ "	14-274-001	14-274-002	14-274-003	14-274-004

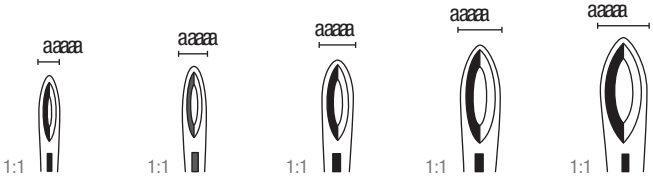




	WEIL	WATSON-WILLIAMS	
x = 120 mm – 4¾ "	14-275-120	14-276-100	14-277-010

Scharfe Nasenzangen
Nasal cutting forceps
Pinces coupantes pour le nez
Pinzas nasales cortantes
Pinze taglienti per naso

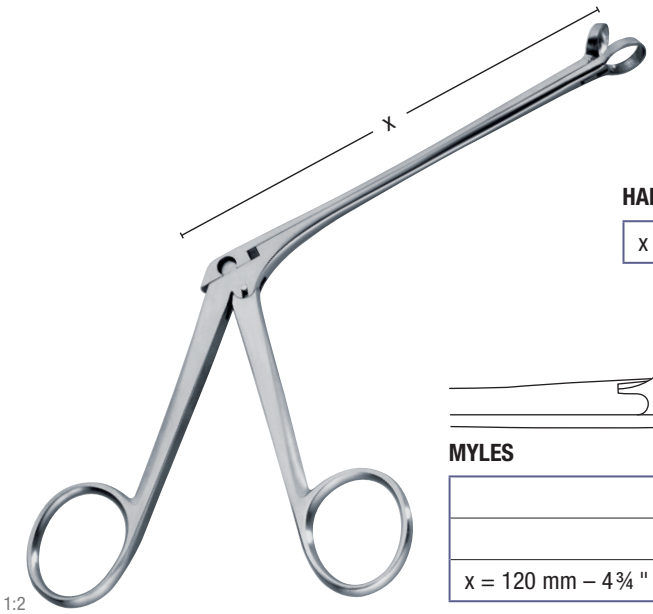




WEIL-BLAKESLEY

	Fig. 1	Fig. 2	Fig. 3	Fig. 4	Fig. 5
	a = 3.0 mm	a = 3.5 mm	a = 4.5 mm	a = 5.0 mm	a = 5.5 mm
x = 120 mm – 4 ¾ "	14-278-001	14-278-002	14-278-003	14-278-004	14-278-005
x = 120 mm – 4 ¾ "	14-279-001	14-279-002	14-279-003	14-279-004	
x = 120 mm – 4 ¾ "	14-280-001	14-280-002	14-280-003		

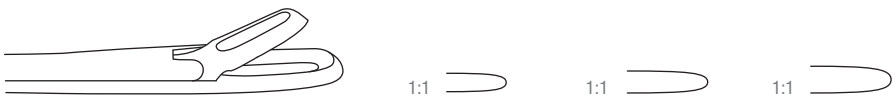
	Fig. 1	Fig. 2	Fig. 3	Fig. 4	Fig. 5
	a = 3.0 mm	a = 3.5 mm	a = 4.5 mm	a = 5.0 mm	a = 5.5 mm
x = 180 mm – 7 "	14-281-010	14-281-020	14-281-030	14-281-040	14-281-050
x = 180 mm – 7 "	14-282-010	14-282-020	14-282-030	14-282-040	



HARTMANN



x = 120 mm – 4 ¾ "	14-283-005	14-283-007	14-283-009	14-283-011



MYLES

	Fig. 1	Fig. 2	Fig. 3
	2.0 x 10.0 mm	2.5 x 12.0 mm	3.0 x 14.0 mm
x = 120 mm – 4 ¾ "	14-284-010	14-284-020	14-284-030

Scharfe Nasenzangen
Nasal cutting forceps

Pinces coupantes pour le nez
Pinzas nasales cortantes
Pinze taglienti per naso

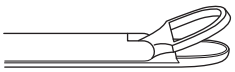




SCHMEDEN

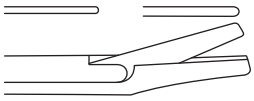
x = 120 mm – 4¾ "	14-285-001	14-285-002	14-285-003

TOMATI 1:1



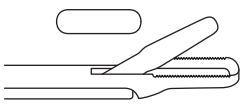
x = 120 mm – 4¾ "	14-286-120

STRUYCKEN 1:1



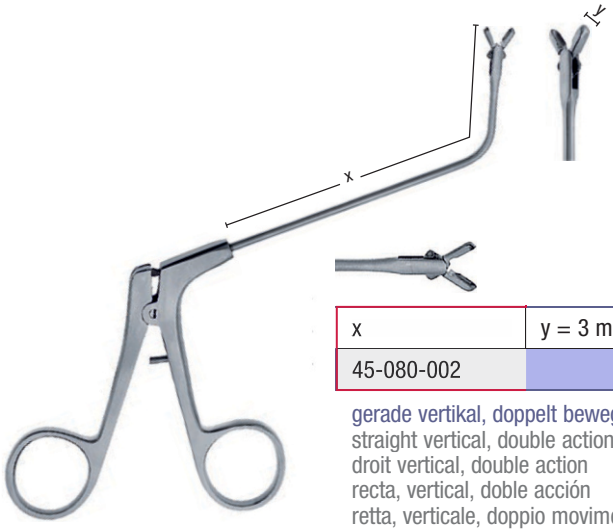
	0.9 mm	1.2 mm
x = 120 mm – 4¾ "	14-287-001	14-287-002

HENKE 1:1



x = 120 mm – 4¾ "	14-288-120

Scharfe Nasenzangen
Nasal cutting forceps
Pinces coupantes pour le nez
Pinzas nasales cortantes
Pinze taglienti per naso



x	y = 3 mm
45-080-002	

gerade vertikal, doppelt beweglich
straight vertical, double action
droit vertical, double action
recta, vertical, doble acción
retta, verticale, doppio movimento



x = 100 mm – 4"	y = 3 mm
14-289-004	

gerade hor., doppelt beweglich
straight hor., double action
droit horizontal, double action
recta, horizontal, doble acción
retta oriz., doppio movimento

x = 100 mm – 4"	y = 3 mm
14-289-006	

gerade hor., einfach beweglich, kurz
straight hor., single action, short
droit hor., action simple, court
recta, hor., acción simple, corto
retta, oriz., movimento sing., corto



x = 100 mm – 4"	y = 3 mm
14-290-030	

45° vertikal, doppelt beweglich
45° vertical, double action
45° vertical, double action
45° vertical, doble acción
45° verticale, doppio movimento



x = 100 mm – 4"	y = 3 mm
14-291-030	

45° hor., doppelt beweglich
45° hor., double action
45° hor., double action
45° hor., doble acción
45° oriz., doppio movimento

x = 100 mm – 4"	y = 3 mm
14-292-030	

100° vert., doppelt beweglich
100° vert., double action
100° vert., double action
100° vert., doble acción
100° vert., doppio movimento

x = 100 mm – 4"	y = 3 mm
14-293-030	

45° vert., einfach beweglich, kurz
45° vert., single action, short
45° vert., action simple, court
45° vert., acción simple, corto
45° vert., movimento sing., corto



x = 100 mm – 4"	y = 3 mm
14-294-030	

70° vertikal, doppelt beweglich
70° vertical, double action
70° vertical, double action
70° vertical, doble acción
70° verticale, doppio movimento



x = 100 mm – 4"	y = 3 mm
14-295-030	

70° hor., doppelt beweglich
70° hor., double action
70° hor., double action
70° hor., doble acción
70° oriz., doppio movimento



x = 100 mm – 4"	y = 3 mm
14-297-030	

100° hor., doppelt beweglich
100° hor., double action
100° hor., double action
100° hor., doble acción
100° oriz., doppio movimento

x = 100 mm – 4"	y = 3 mm
14-296-030	

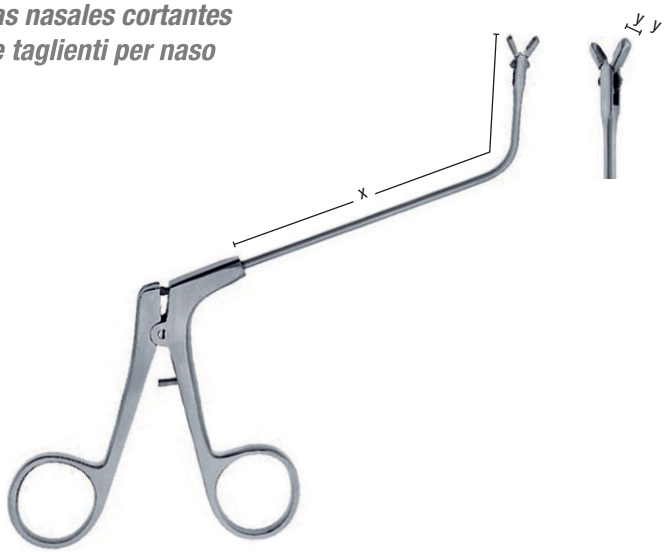
70° vert., einfach beweglich, kurz
70° vert., single action, short
70° vert., action simple, court
70° vert., acción simple, corto
70° vert., movimento sing., corto

x = 100 mm – 4"	y = 3 mm
45-093-030	

70° hor., einfach beweglich
70° hor., single action
70° hor., action simple, court
70° hor., acción simple, corto
70° oriz., movimento sing., corto

Scharfe Nasenzangen
Nasal cutting forceps

Pinces coupantes pour le nez
Pinzas nasales cortantes
Pinze taglienti per naso





x = 100 mm – 4"	y = 4 mm
14-290-040	

45° vertikal, doppelt beweglich
45° vertical, double action
45° vertical, double action
45° vertical, doble acción
45° verticale, doppio movimento



x = 100 mm – 4"	y = 4 mm
14-291-040	

45° hor., doppelt beweglich, kurz
45° hor., double action, short
45° hor., double action, court
45° hor., acción doble, corto
45° oriz., movimento, corta

x = 100 mm – 4"	y = 4 mm
14-293-040	

45° vertikal, einfach beweglich, kurz
45° vertical, single action, short short
45° vertical, action simple, court
45° vertical, acción simple, corto
45° verticale, movimento singolo, corta



x = 100 mm – 4"	y = 4 mm
14-294-040	

70° vertikal, doppelt beweglich
70° vertical, double action
70° vertical, double action
70° vertical, doble acción
70° verticale, doppio movimento

x = 100 mm – 4"	y = 4 mm
14-296-040	

70° vertikal, einfach beweglich, kurz
70° vertical, single action, short short
70° vertical, action simple, court
70° vertical, acción simple, corto
70° verticale, movimento singolo, corta



x = 100 mm – 4"	y = 4 mm
14-295-040	

70° hor., doppelt beweglich, kurz
70° hor., double action, short
70° hor., double action, court
70° hor., acción doble, corto
70° oriz., movimento, corta

x = 100 mm – 4"	y = 4 mm
14-292-040	

100° vertikal, doppelt beweglich
100° vertical, double action
100° vertical, double action
100° vertical, doble acción
100° verticale, doppio movimento

x = 100 mm – 4"	y = 4 mm
14-297-040	

100° hor., doppelt beweglich
100° hor., double action
100° hor., double action
100° hor., doble acción
100° oriz., doppio movimento

Nasenschere
Nasal scissors

Ciseaux nasales
Tijera nasal
Forbice nasale

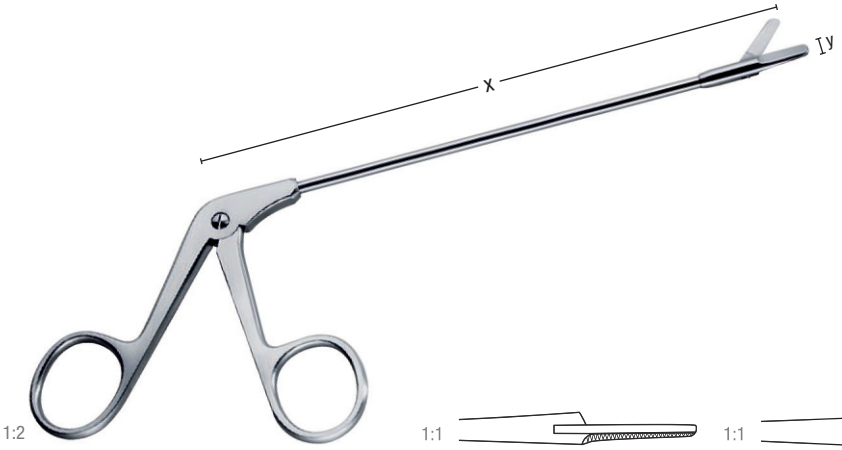






	Fig. 1	Fig. 2	Fig. 3
x = 135 mm – y = 5 mm	14-298-002	14-298-005	14-298-003
	gezahnt, gerade serrated, straight droit, dentelés dentada, recta dentata, retta	gezahnt, rechts serrated, right dentelés, droites dentada, derecha dentata, destra	gezahnt, links serrated, left dentelés, gauche dentada, izquierda dentata, sinistra

Zirkular Stanze
Circular forceps

Pince circulaire
Pinza circular
Pinza a taglio circulare



	x = 180 mm – 7"	x = 180 mm – 7"
3.5 mm Ø	14-299-035	14-300-035
4.5 mm Ø	14-299-045	14-300-045
	gerade straight droit recta retta	aufgebogen curved upwards coudé en haut curvada arriba curvata in alto

Antrumstanze
Antrum punch
Pince pour l'antrum
Pinza antrum
Pinze antrum



x = 100 mm	Fig. 1	Fig. 2	Fig. 3
3.0 mm (für Kinder)	14-301-030	14-302-030	14-303-030
3.5 mm	14-301-035	14-302-035	14-303-035
4.5 mm	14-301-045	14-302-045	14-303-045
	rückwärts nach oben schneidend backward, up-cutting retrograde coupe en haut retrógrada corte arriba retrograda tagliente in alto	rückwärts nach rechts schneidend backward, cut to the right retrograde coupe à droite retrógrada corte a la derecha retrograda tagliente a destra	rückwärts nach links schneidend backword, cut to the left retrograde coupe à gauche retrógrada corte a la izquierda retrograda tagliente a sinistra

x = 100 mm	Fig. 4	Fig. 5
3.0 mm (für Kinder)	14-304-030	14-305-030
3.5 mm	14-304-035	14-305-035
4.5 mm	14-304-045	
	nach unten schneidend down-cutting retrograde coupe en bas retrógrada corte abajo retrograda tagliente basso	drehbar rotating rotatif rotatorio rotativo

Keilbeinstanzen
Punches sphenoid bone
Pinces pour le sinus sphénoidal
Pinzas para esfenoides
Pinze sfenoidali taglienti



1:1

HAJEK	HAJEK-KOFLER
x = 140 mm – 5½"	x = 140 mm – 5½"
4 mm x 4 mm	3.5 mm x 3.5 mm
14-306-040	14-307-035

1:1

HAJEK	HAJEK-KOFLER
x = 140 mm – 5½"	x = 140 mm – 5½"
4 mm x 4 mm	3.5 mm x 3.5 mm
14-308-040	14-309-035



HAJEK-KOFLER

	3.5
x	14-310-035

Schaft
Shaft rotates 360°
Tige orientable à 360°
Tijera rotativa 360°
Asta girevole 360°

Keilbeinstanzen
Punches sphenoid bone
Pinces pour le sinus sphénoidal
Pinzas para esfenoides
Pinze sfenoidali taglienti



1:2

HAJEK-CLAUS

200 mm – 8 "	14-311-200

Nasenpolypenschnürer
Nasal polypus snares

Serre noeuds pour polypes
Polipótomos nasales
Serranodi nasali



0.3 mm Ø x 100 mm	14-312-003

in Bündeln mit 12 Stück
in bundles of 12 pieces
en paquetes de 12 pièces
en liós de 12 piezas
pacchetto di 12 pezzi



KRAUSE 1:2

260 mm – 10 ¼ "	14-313-260



KRAUSE-VOSS 1:2

260 mm – 10 ¼ "	14-314-260

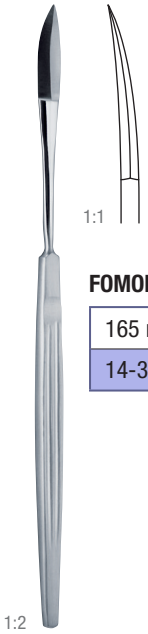
mit 2 Aufsätzen
with 2 inserts
avec 2 guide-anses
con 2 guías
con 2 guide ansa



LANGE-WILDE 1:2

240 mm – 9 ½ "	14-315-240

Nasenmesser
Nasal knives
Bistouris pour nez
Cuchillos nasales
Bisturi per naso



FOMON

165 mm – 6½"
14-316-160



JOSEPH

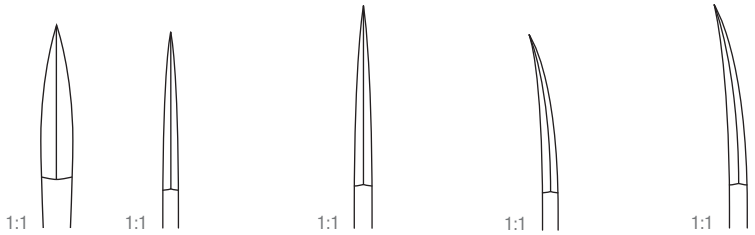
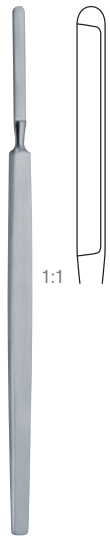


	Fig. 1	Fig. 2	Fig. 1	Fig. 2
160 mm – 6¼"	14-317-001	14-317-002	14-318-001	14-318-002

scharf/spitz
sharp/sharp
tranchant/pointu
cortante/agudo
acuto

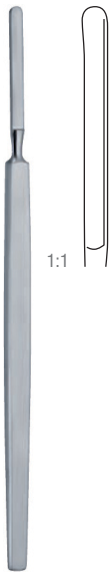
gerade
straight
droits
recta
retto

gebogen
curved
courbe
curva
curvo



COTTLE

140 mm – 5½"
14-319-150



JOSEPH

150 mm – 6"
14-320-150



JOSEPH

175 mm – 7"
14-321-030



BRUENINGS

165 mm – 6½"
14-322-160

02-680-000

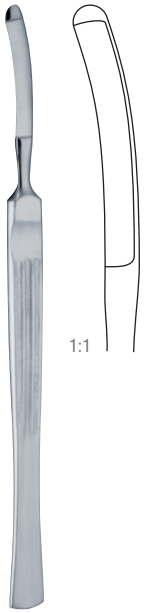
Ersatzklinge
Spare blade
Lame de rechange
Hoja de recambio
Lama di ricambio

Nasenmesser
Nasal knives
Bistouris pour nez
Cuchillos nasales
Bisturi per naso



FREER

190 mm – 6½"	14-323-001	14-323-002



CONVERSE

160 mm – 6¼"	14-324-160



FREER

150 mm – 6"
14-325-150



FREER

150 mm – 6"
14-326-160



FREER

150 mm – 6"
14-327-150

Tonsillenmesser
Tonsils knives
Couteaux à tonsils
Bisturís para amígdalas
Bisturi per tonsille


1:2

FREER


1:2

210 mm – 8¼"	14-328-210	14-329-210


1:2

200 mm – 8"
14-330-200

Sichelmesser
Sickle knife
Couteau à faucille
Cuchillo falciforme
Coltello a forma di falce


1:2

BRUENINGS

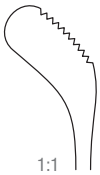
230 mm – 9"
14-331-230


1:2

ABRAHAM

220 mm – 8¾"
14-332-210


1:2


1:1

FISCHER

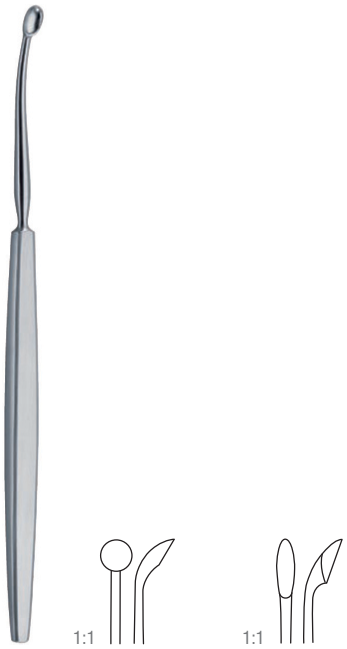
230 mm – 9"
14-333-225


1:2

200 mm – 8"
14-334-200

scharf
sharp
tranchant
cortante
acut

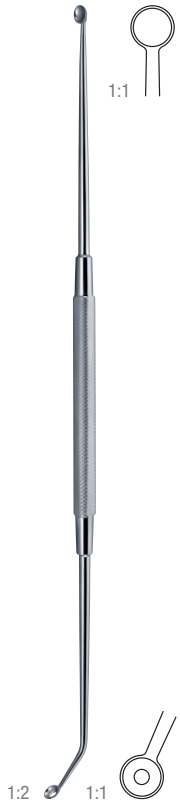
Antrumküretten
Antrum curettes
Curettes d'antrum
Curetas para el antrum
Curette per antrum



200 mm – 8"	200 mm – 8"
14-335-001	14-335-002



200 mm – 8"
7 mm x 11 mm
14-336-200



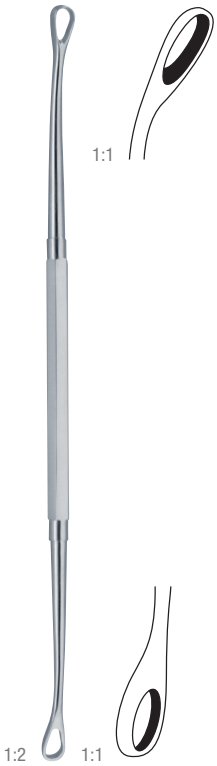
PRATT

210 mm – 8¼"
14-337-210



FAULKNER

210 mm – 8¼"
14-338-210



COAKLEY

200 mm – 8"
14-339-120



COAKLEY

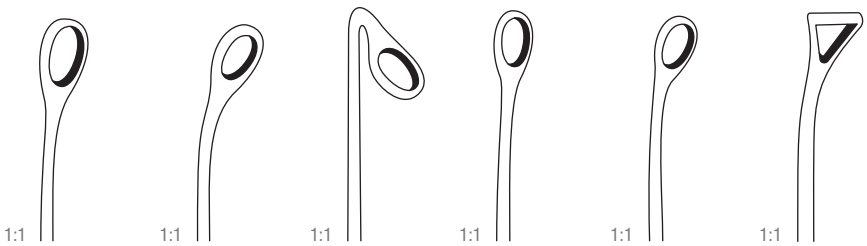
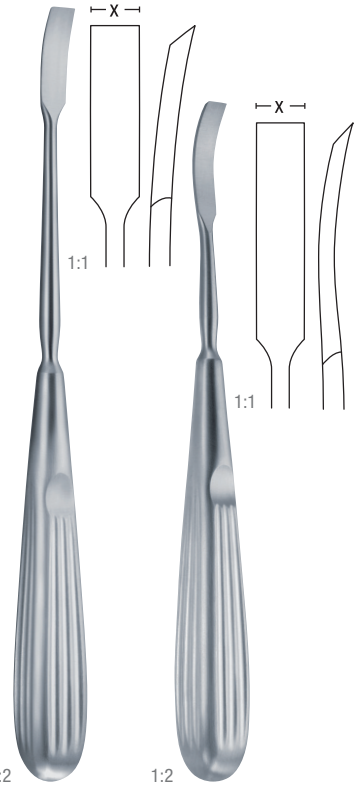


	Fig. 1	Fig. 2	Fig. 3	Fig. 4	Fig. 5	Fig. 6
170 mm – 6¾"	14-340-010	14-340-020	14-340-030	14-340-040	14-340-050	14-340-060
14-340-000	x	x	x	x	x	x

Satz
Set
Jeu
Juego
Serie

Septumelevatorien – Raspatorien
Septum elevators – raspatories

Elévateurs – rugines pour la cloison nasale
Elevadores – legras para el tabique nasal
Elevatori – periostotomi per setto



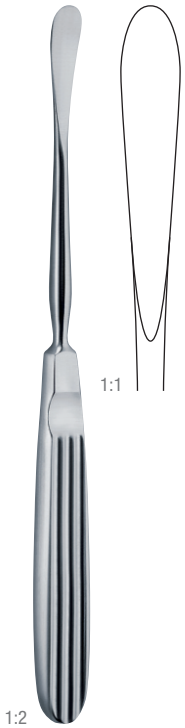
LEMPERT

	205 mm – 8 "	180 mm – 7 "
x = 6 mm	14-341-205	14-342-180



FREER

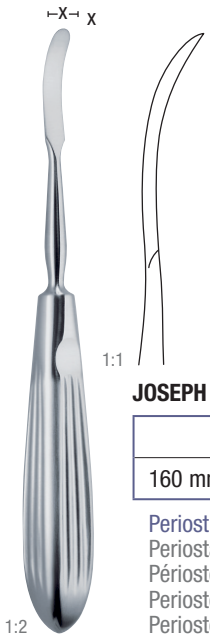
	x = 4 mm
160 mm – 6 ¼ "	14-343-004



COTTLE

	x = 8 mm
190 mm – 7 ½ "	14-344-190

scharf
sharp
tranchant
cortante
acuta



JOSEPH

	x = 5 mm
160 mm – 6 ¼ "	14-345-160

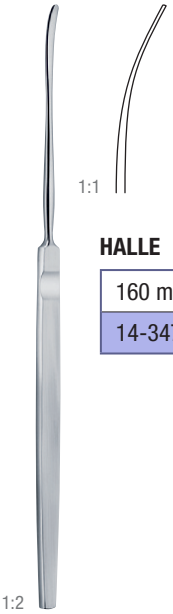
Periost Elevatorien
Periostal elevators
Périostotome
Periostótomo
Periostotomo



SEWALL

200 mm – 8 "	14-346-200

Antrum Elevatorium
Antrum elevator
Elévateur pour le fosse nasale
Elevador para el antro
Elevatore per antro

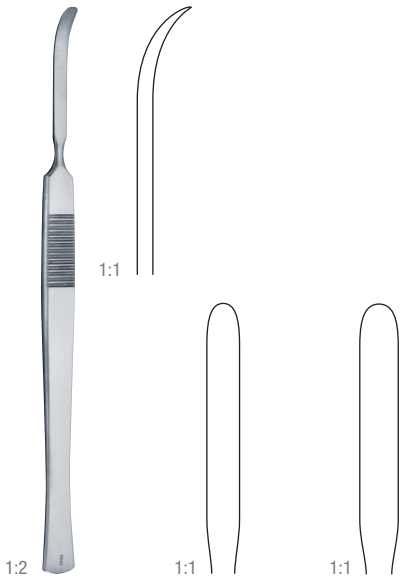


HALLE

160 mm – 6 ¼ "
14-347-160

Septumelevatorien – Raspatorien
Septum elevators – raspatories

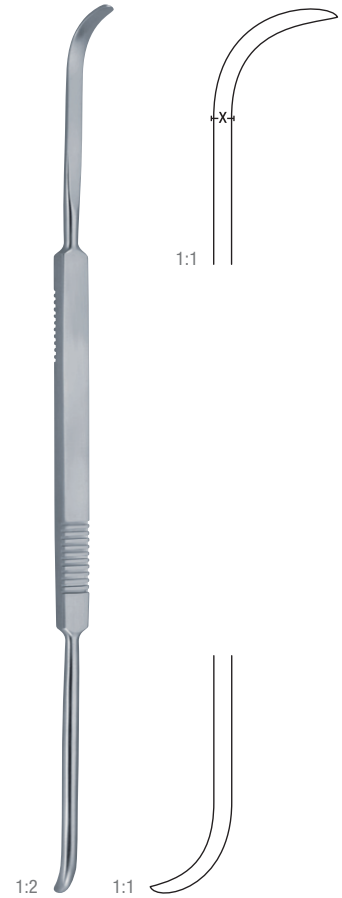
Elévateurs – rugines pour la cloison nasale
Elevadores – legras para el tabique nasal
Elevatori – periostotomi per setto



MCKENTY

	4 mm	5 mm
150 mm – 6 "	14-348-040	14-348-050

scharf
sharp
tranchant
cortante
acuta



COTTLE

	x = 5 mm
235 mm – 9 ¼ "	14-349-230

scharf
sharp
tranchant
cortante
acuta



MCKENTY

	x = 4 mm
205 mm – 8 "	14-350-220

scharf
sharp
tranchant
cortante
acuta

Septumelevatorien – Raspatorien
Septum elevators – raspatories
Elévateurs – rugines pour la cloison nasale
Elevadores – legras para el tabique nasal
Elevatori – periostotomi per setto



KILLIAN 1:2 1:1

	x = 4 mm
180 mm – 7 "	14-351-180

scharf/stumpf
sharp/blunt
tranchant/mousse
cortante/romo
acuta/smussa



KILLIAN 1:2 1:1

	x = 4.5 mm
230 mm – 9 "	14-352-220

scharf/stumpf
sharp/blunt
tranchant/mousse
cortante/romo
acuta/smussa



FREER 1:2

190 mm – 7 ½ "	14-353-190

stumpf
blunt
mousse
romo
smussa



FREER 1:2 1:1

180 mm – 7 "	14-354-180

scharf/stumpf
sharp/blunt
tranchant/mousse
cortante/romo
acuta/smussa

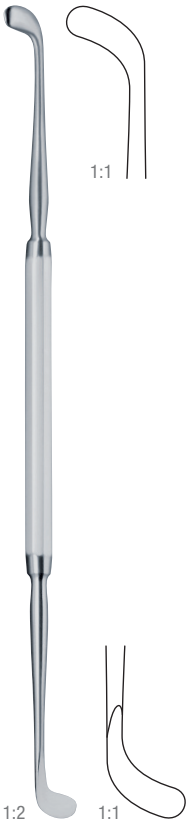
Septumelevatorien – Raspatorien
Septum elevators – raspatories
Elévateurs – rugines pour la cloison nasale
Elevadores – legras para el tabique nasal
Elevatori – periostotomi per setto



FREER

205 mm – 8 "	14-355-205

scharf/stumpf
sharp/blunt
tranchant/mousse
cortante/romo
acuta/smussa



PENNINGTON

215 mm – 8 ½ "	14-356-210

stumpf
blunt
mousse
romo
smussa

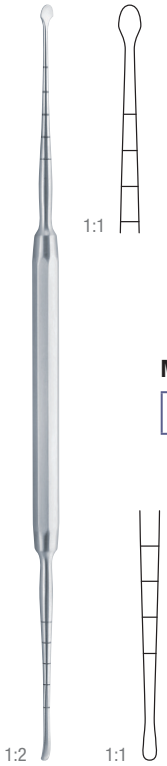


JOSEPH-MASING

215 mm – 8 ½ "	14-358-220

scharf
sharp
tranchant
cortante
acuta

Periostelevatorien
Periosteal elevators
Elévateurs pour la périoste
Legras para perióstio
Elevatori per il periosto



MASING

200 mm – 8 "	14-359-210



BALLENGER-HAJEK

190 mm – 7 ¼ "	14-360-190
220 mm – 8 ¾ "	14-361-210



COTTLE

220 mm – 8 ¾ "	14-362-220



COTTLE

210 mm – 8 ¼ "	14-363-210

Septumelevatorien
Septum elevators
Elévateurs pour la cloison nasale
Elevadores para el tabique nasal
Elevatori per setto


1:2

BOIES

190 mm – 7½"	14-364-190

Nasenfraktur Elevatorium, stumpf
Nasal fracture elevator, blunt
Elévateur pour fractures nasales, mousse
Elevador para fracturas nasales, romas
Elevatore per fratture nasali, smussa

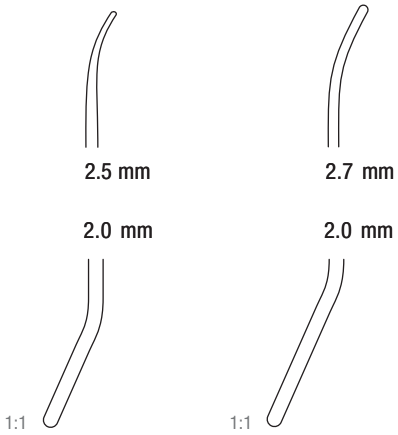

1:2

GOLDMAN

170 mm – 6¾"	14-365-170

Septumfraktur Elevatorium
Septum displacer
Elévateur pour fractures de la cloison nasale
Elevador para fracturas del tabique nasal
Elevatore per fratture del setto





WATSON-CHEYNE

130 mm – 5"	190 mm – 7½"
14-366-130	14-366-190

Raspatorium
Raspatory
Rugine
Raspatorio
Periostotomo

Nasensägen
Nasal saws
Scies nasales
Sierras nasales
Seghe nasali



JOSEPH

190 mm – 7 ½ "	14-367-001	14-367-002



JOSEPH

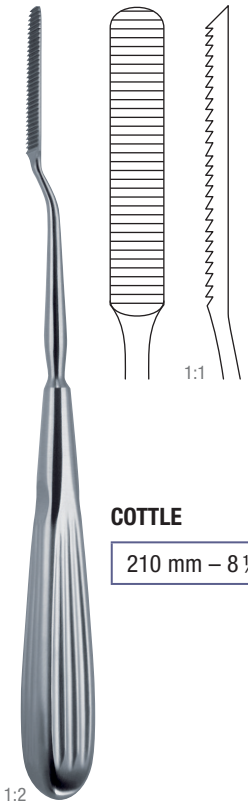
190 mm – 7 ½ "	14-368-000



JOSEPH

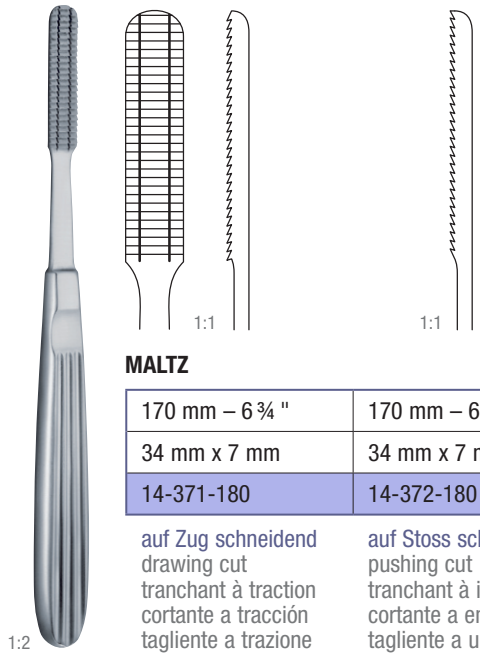
170 mm – 6 ¾ "	14-369-001	14-369-002

Nasenraspeln
Nasal rasps
Râpes nasales
Limas nasales
Raspe nasali



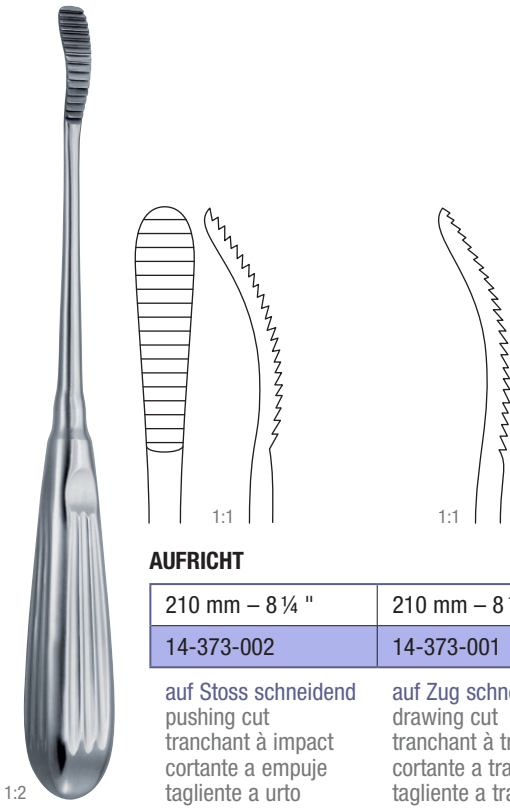
COTTLE

210 mm – 8 ¼ "	14-370-000



MALTZ

170 mm – 6 ¾ "	170 mm – 6 ¾ "
34 mm x 7 mm	34 mm x 7 mm
14-371-180	14-372-180
auf Zug schneidend drawing cut tranchant à traction cortante a tracción tagliente a trazione	auf Stoss schneidend pushing cut tranchant à impact cortante a empuje tagliente a urto



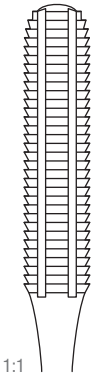
AUFRICHT

210 mm – 8 ¼ "	210 mm – 8 ¼ "
14-373-002	14-373-001
auf Stoss schneidend pushing cut tranchant à impact cortante a empuje tagliente a urto	auf Zug schneidend drawing cut tranchant à traction cortante a tracción tagliente a trazione

Nasenraspeln
Nasal rasps
Râpes nasales
Limas nasales
Raspe nasali



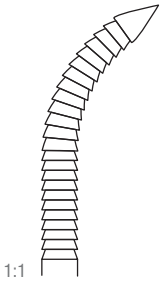
MALTZ



	40 mm x 9 mm
175 mm – 7 "	14-374-180

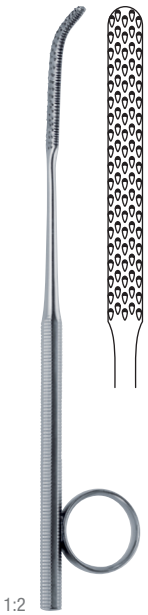


WIENER

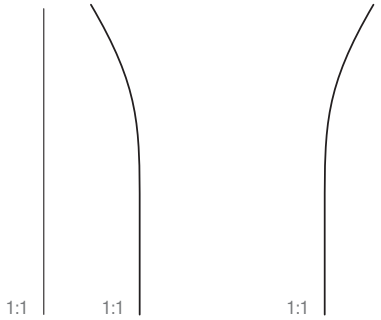


	Ø 3.5 mm	Ø 3.5 mm
180 mm – 7 "	14-375-180	14-375-190

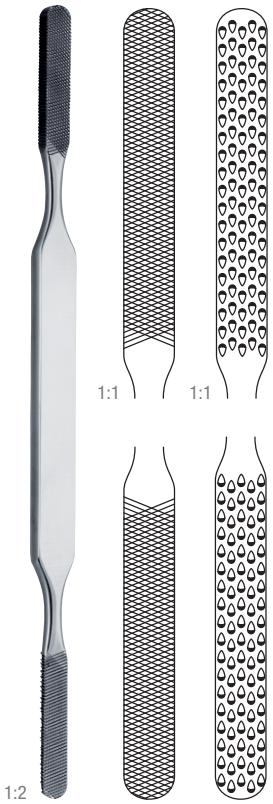
Antrum Raspeln
Antrum rasps
Râpes pour le fosse nasale
Limas para el antrum
Raspe per antrum



GALLAHER



160 mm – 6 ¼ "	160 mm – 6 ¼ "	160 mm – 6 ¼ "
14-376-160	14-378-160	14-377-160

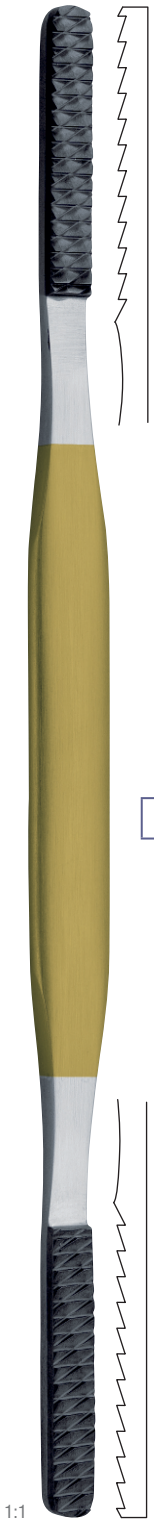


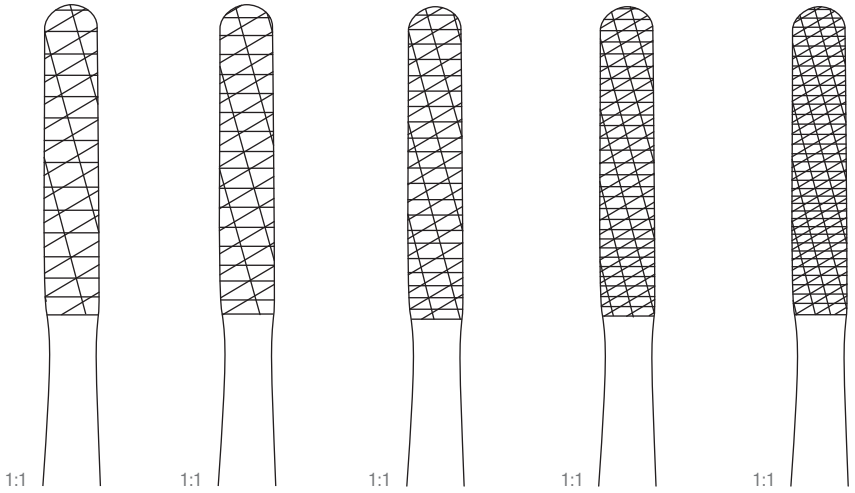
FOMON

210 mm – 8 ¼ "
14-379-210

Raspeln mit Hartmetall
Rasps with tungsten carbide
Râpes avec inserts de carbure de tungstène
Limas con carburo de tungsteno
Raspe con tungsteno

TC


1:1

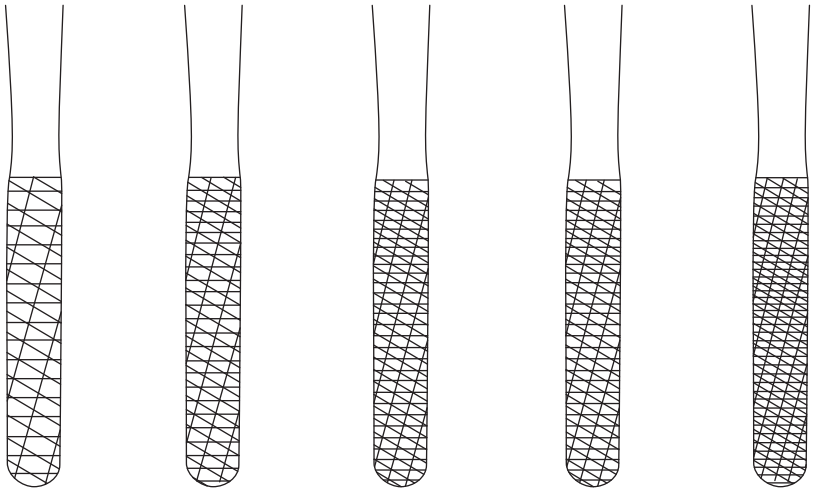

1:1 1:1 1:1 1:1 1:1

FOMON TC

TC	TC	TC	TC	TC
Fig. 1	Fig. 3	Fig. 5	Fig. 7	Fig. 9
12	16	24	36	52

Zähne
Teeth
Dentes
Dientes
Denti

200 mm – 8 "	14-380-010	14-380-030	14-380-050	14-380-070	14-380-090



FOMON TC

TC	TC	TC	TC	TC
Fig. 2	Fig. 4	Fig. 6	Fig. 8	Fig. 10
14	20	30	44	62

Zähne
Teeth
Dentes
Dientes
Denti

Septuminstrumente
Septum instruments
Instruments pour la cloison nasal
Instrumentos para el tabique nasal
Strumenti per il setto nasale


1:2

BRUENINGS-BRUNK

190 mm – 7 ½ "	14-381-190

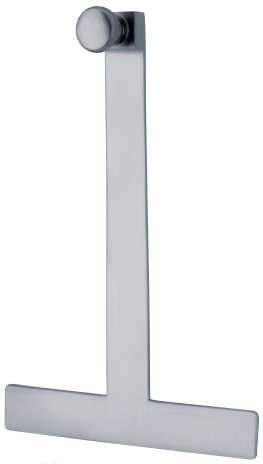
Kieferhöhlenhaken, gezahnt
Antrum retractor, serrated
Ecarteur pour sinus maxillaire, dentelé
Separador para sinus, dentado
Retrattore mascellare, dentato


1:2

RITTER-HALLE

	160 mm – 6 ¼ "
2.5 mm Ø	14-382-250
3.0 mm Ø	14-382-300
4.0 mm Ø	14-382-400
5.0 mm Ø	14-382-500

Stirnhöhlen-Dilatatoren
Frontal sinus bougies
Dilatateurs pour le sinus frontal
Dilatatores para el sinus frontal
Dilatatore per il seno frontale


1:2

COTTLE

120 mm – 4 ¾ "	14-383-010

Griff
Handle
Manche
Mango
Manico

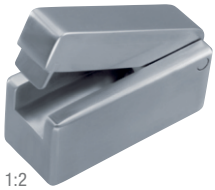

1:2

COTTLE

7 mm	14-383-020

Führungshilfe für Osteotome
Guide support for osteotomes
Support conducteur pour ostéotomes
Soporte de guía para osteótomos
Supporto di guida per osteotomi


1:2


1:2

COTTLE

65 mm x 30 mm x 30 mm	14-384-000

Knorpelquetsche
Cartílage crusher
Pinces-gouge à cartílage
Machacadora
Torchio per cartilagine

Septumzangen
Septum forceps
Pinces pour la cloison nasale
Pinzas para el tabique nasal
Pinze per il setto nasale



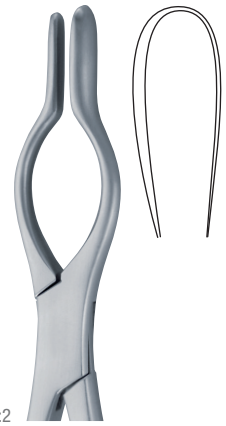
1:2



1:2



1:2



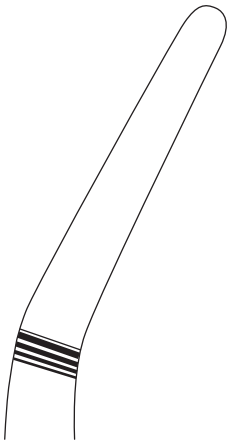
1:2

COTTLE-WALSHAM

230 mm – 9 "	14-385-001	14-385-002	14-385-003
	gerade straight droit recta rette	links left à gauche izquierda a sinistra	rechts right à droite derecha a destra



1:2



1:1

ASCH

230 mm – 9 "	14-386-230

Septumzangen
Septum forceps
Pinces pour la cloison nasale
Pinzas para el tabique nasal
Pinze per il setto nasale

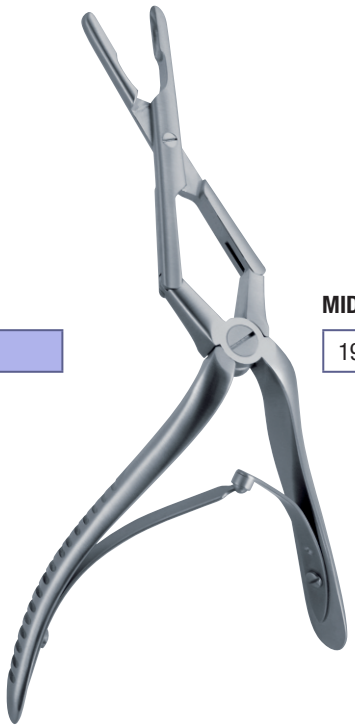


1:2

MIDDLETON-JANSEN 1:1

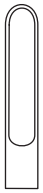


190 mm – 7 ½ "	14-387-190

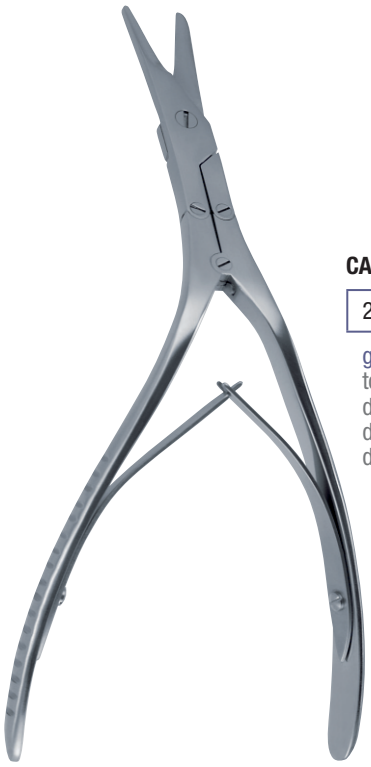


1:2

MIDDLETON-JANSEN 1:1

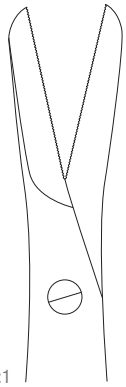


190 mm – 7 ½ "	14-388-190



1:2

CAPLAN 1:1



200 mm – 8 "	14-389-200

gezahnt
toothed
dentelée
dentado
dentato

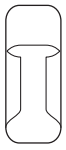


1:2

RUBIN 1:1



210 mm – 8 ¼ "	14-390-210



14-391-010

Schutzkappe
Protection Cap
Capuchon protecteur
Capuchon protectora
Calotta protettiva

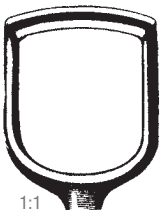
Ringmesser
Adenoid curettes
Couteaux à végétations adénoides
Cuchillos para vegetaciones adenoides
Adenotomi

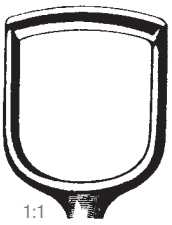

1:2

ST. CLAIR-THOMSON


1:1


1:1


1:1


1:1

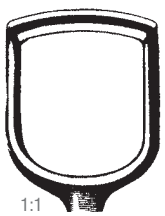
210 mm – 8 ¼ "	14-392-001	14-392-002	14-392-003	14-392-004


1:2

BARNHILL


1:1


1:1


1:1

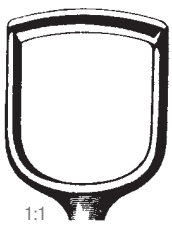
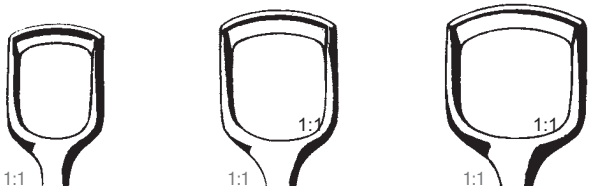

1:1

	Fig. 1	Fig. 2	Fig. 3	Fig. 4
220 mm – 8 ¾ "	14-393-010	14-393-020	14-393-030	14-393-040

Ringmesser
Adenoid curettes
Couteaux à végétations adénoides
Cuchillos para vegetaciones adenoides
Adenotomi





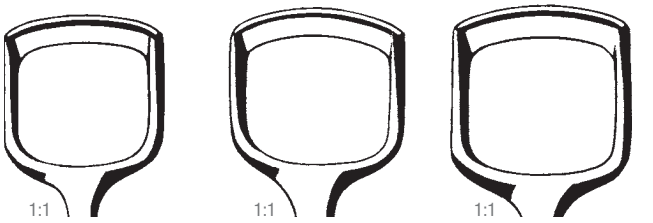
BECKMANN

220 mm – 8 ¾ "	14-394-001	14-394-002	14-394-003

gerade
straight
droit
recto
rette

220 mm – 8 ¾ "	14-395-010	14-395-020	14-395-030

gebogen
curved
courbe
curvo
curve



220 mm – 8 ¾ "	14-394-004	14-394-005	14-394-006

gerade
straight
droit
recto
rette

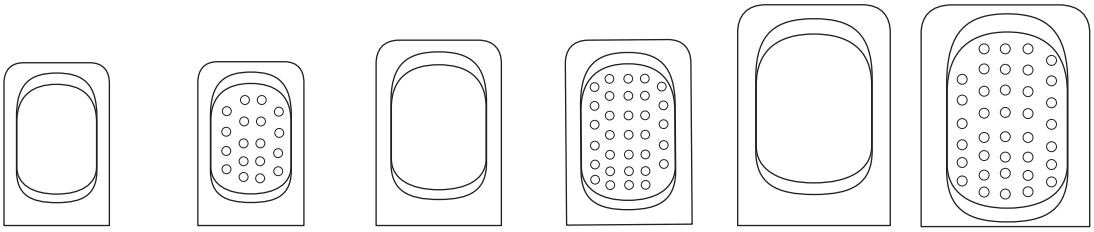
220 mm – 8 ¾ "	14-395-040	14-395-050	14-395-060

gebogen
curved
courbe
curvo
curve

Ringmesser
Adenoid curettes
Couteaux à végétations adénoides
Cuchillos para vegetaciones adenoides
Adenotomi



1:2



LA FORCE

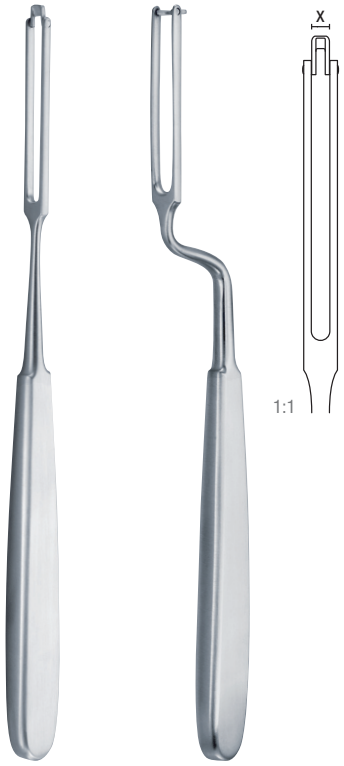
Fig. 1		Fig. 2		Fig. 3	
250 mm – 7 "		250 mm – 7 "		250 mm – 7 "	
14-397-010	14-396-001	14-397-020	14-396-002	14-397-030	14-396-003

14-398-010	14-399-001	14-398-020	14-399-002	14-398-030	14-399-003

Ersatzklingen
Spare blades
Lames de rechange
Hojas de cambio
Lame di ricambio

Ringmesser
Adenoid curettes

Couteaux à végétations adénoides
Cuchillos para vegetaciones adenoides
Adenotomi



BALLENGER

	200 mm – 8 "	200 mm – 8 "
x = 3 mm	14-400-003	14-401-003
x = 4 mm	14-400-004	14-401-004
x = 5 mm	14-400-005	14-401-005
	gerade straight droit recto rette	bajonett bayonet baionette bayoneta baionetta

Pulverbläser
Atomizers
Pulvérisateurs
Pulverizadores
Insoffiatori



1:2

KABIERSKE

14-404-000	14-402-010	14-402-500
Pulverbläser, komplett Atomizer, complete Pulvérisateur, complet Pulverizador, completo Insoffiatore, completo	Ersatzflasche, 30 ccm Spare bottle, 30 ccm Flacon de rechange, 30 ccm Frasco suelto, 30 ccm Bottiglia di ricambio, 30 ccm	Ventilball Valve rubber bulb Poire en caoutchouc avec valve Pera de goma con valva Pallone in gomma con valva

KABIERSKE

80 mm – 3 ¼ "	14-402-080	
110 mm – 4 ¼ "	14-402-110	
130 mm – 5 "		14-402-130

Kanüle gerade	Kanüle gebogen
Cannula, straight	Cannula curved
Canule droit	Canule courbe
Cánula recta	Cánula curva
Cannula retta	Cannula curva



UNIVERSAL 1:2

14-403-000
Pulverbläser, komplett mit beweglicher Düse, Flasche 30 ccm Atomizer, complete with movable tube, bottle 30 ccm Pulvérisateur, complet avec tuyère mobile, flacon 30 ccm Pulverizador, completo con tubo móvil, botella 30 ccm Insoffiatore, completo con ugello mobile, bottiglia 30 ccm

Pulverbläser
Atomizers
Pulvérisateurs
Pulverizadores
Insoffiatori



1:2

POLITZER

14-405-000

komplett mit 3 Nasenoliven
complete with 3 nasal olives
complet avec 3 olives nasales
completo con 3 olivas nasales
completo con 3 olive nasali



15 mm Ø	17 mm Ø	22 mm Ø
14-405-150	14-405-170	14-405-220

Nasenoliven
Nasal olives
Olives nasales
Olivas nasales
Olive nasali



4 mm Ø
14-405-040

Ohrolive
Ear olive
Olive auriculaire
Oliva auricular
Oliva auricolare

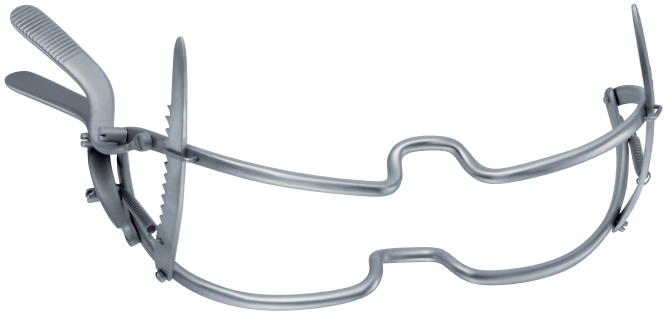
14-405-350

Gummibirne
Rubber bulb
Poire en caoutchouc
Pera de goma
Pera in gomma

14-405-030

Einsteckkonus
Connecting nozzle
Embout de raccordement
Cono de conexión
Cono di connessione

Mundsperrer
Mouth gags
Ouvre-bouches
Abrebocas
Apribocca



WHITEHEAD

110 mm – 4 ¼ "	14-406-110
130 mm – 5 "	14-406-130
150 mm – 6 "	14-406-150



JENNINGS

90 mm – 3 ½ "	14-407-090
110 mm – 4 ¼ "	14-407-110
130 mm – 5 "	14-407-130
150 mm – 6 "	14-407-150



MAUNDER 1:2

	4 mm Ø
100 mm – 4 "	14-408-100

Holz
Wood
Bois
Madera
Legno



HEISTER 1:2

130 mm – 5 "	14-409-130

Mundsperrer
Mouth gags
Ouvre-bouches
Abrebocas
Apribocca



MOLT 1:2

110 mm – 4¼"	14-410-110

Für Kinder
For children
Pour enfants
Para niños
Per bambini



MOLT 1:2

140 mm – 5½"	14-410-140

Für Erwachsene
For adults
Pour adultes
Para adultos
Per adulti



DENHART 1:2

120 mm – 4¾"	14-411-120



FERGUSSON-ACKLAND 1:2

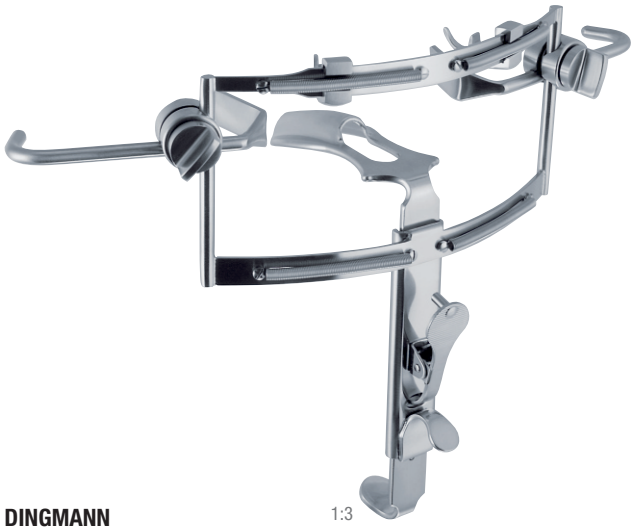
145 mm – 5¾"	14-412-145



ROSER-KÖNIG

160 mm – 6¼"	14-413-160
190 mm – 7½"	14-413-190

Mundsperrer
Mouth gags
Ouvre-bouches
Abrebocas
Apribocca



1:3

DINGMANN

145 mm – 5 ¾ "	14-414-000	14-414-090

Komplett mit Rahmen, 3 Zungenspateln und 2 beweglichen Seitenvalven
Complete with frame, 3 tongue depressors and 2 adjustable lateral blades
Complet avec cadre, 3 abaisse-langues et 2 valves latérales réglables
Completo con bastidor, 3 bajalenguas y 2 valvas laterales ajustables
Completo con telaio, 3 abassalingua e 2 valve laterali movibili

Rahmen
Frame
Cadre
Bastidor
Telaio



55 x 25 mm	14-414-010



60 x 27 mm	14-414-020



70 x 30 mm	14-414-030

Mundsperrer
Mouth gags
Ouvre-bouches
Abrebocas
Apribocca





KILNER-DOUGHTY

Fig. 1	Fig. 2	Fig. 3	
28 mm x 65 mm	32 mm x 75 mm	37 mm x 80 mm	
14-415-010	14-415-020	14-415-030	14-415-100

Griff
Handle
Manche
Mango
Manico

14-415-000	x	x	x	x

komplett
complete
compl
completa
completa

Mundsperrer
Mouth gags
Ouvre-bouches
Abrebocas
Apribocca



NEGUS

Fig. 1	Fig. 2	Fig. 3	
32 mm x 85 mm	31 mm x 78 mm	28 mm x 70 mm	
14-416-010	14-416-020	14-416-030	14-416-100

Griff
Handle
Manche
Mango
Manico

14-416-000	x	x	x	x

komplett
complete
compl
completa
completa

Mundsperrer
Mouth gags
Ouvre-bouches
Abrebocas
Apribocca



DAVIS-BOYLE

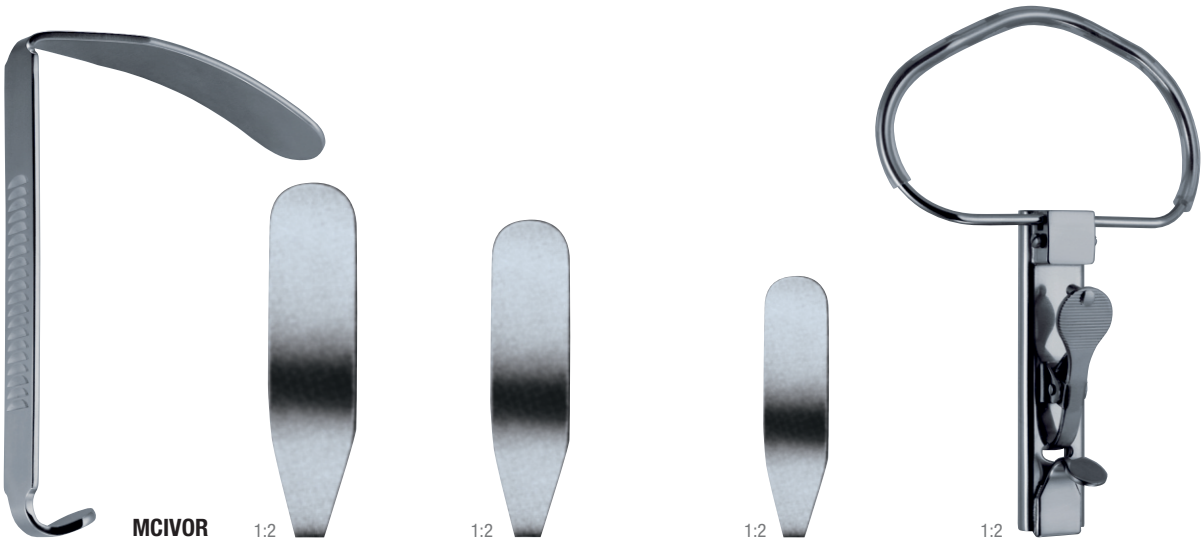
Fig. 1	Fig. 2	Fig. 3	Fig. 4	Fig. 5	
14-417-001	14-417-002	14-417-003	14-417-004	14-417-005	14-418-000
21 mm x 26 mm	23 mm x 65 mm	24 mm x 80 mm	25 mm x 93 mm	26 mm x 108 mm	

Griff
Handle
Manche
Mango
Manico

14-419-000	x	x	x	x	x

komplett
complete
compl
completa
completa

Mundsperrer
Mouth gags
Ouvre-bouches
Abrebocas
Apribocca



MCIVOR 1:2 1:2 1:2 1:2

Fig. 1	Fig. 2	Fig. 3	
14-420-010	14-420-030	14-420-020	14-420-100
27 mm x 95 mm	22 mm x 85 mm	22 mm x 70 mm	
			Griff Handle Manche Mango Manico
14-420-000	x	x	x	x

komplett
complete
compl
completa
completa

Kehlkopfspiegel
Laryngeal mirros
Miroirs laryngiens
Espejos laríngeos
Specchi laringei



Fig. 00	8 mm Ø	14-421-008
Fig. 0	10 mm Ø	14-421-010
Fig. 1	12 mm Ø	14-421-012
Fig. 2	14 mm Ø	14-421-014
Fig. 3	16 mm Ø	14-421-016
Fig. 4	18 mm Ø	14-421-018
Fig. 5	20 mm Ø	14-421-020
Fig. 6	22 mm Ø	14-421-022
Fig. 7	24 mm Ø	14-421-024
Fig. 8	26 mm Ø	14-421-026
Fig. 9	28 mm Ø	14-421-028
Fig. 10	30 mm Ø	14-421-030

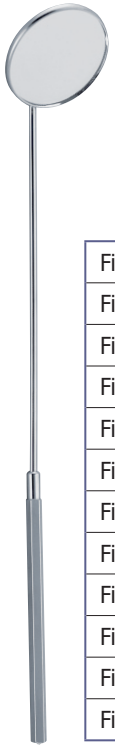


Fig. 00	8 mm Ø	14-423-008
Fig. 0	10 mm Ø	14-423-010
Fig. 1	12 mm Ø	14-423-012
Fig. 2	14 mm Ø	14-423-014
Fig. 3	16 mm Ø	14-423-016
Fig. 4	18 mm Ø	14-423-018
Fig. 5	20 mm Ø	14-423-020
Fig. 6	22 mm Ø	14-423-022
Fig. 7	24 mm Ø	14-423-024
Fig. 8	26 mm Ø	14-423-026
Fig. 9	28 mm Ø	14-423-028
Fig. 10	30 mm Ø	14-423-030



1:2

100 mm – 4 "	14-422-000



MICHEL

	250 mm – 9 ¾ "	
10 mm Ø	14-424-100	14-424-010
12 mm Ø	14-424-120	14-424-012
14 mm Ø	14-424-140	14-424-014
16 mm Ø	14-424-160	14-424-016
18 mm Ø	14-424-180	14-424-018

Spiegel beweglich
moveable mirror
miroir mobile
espejo movible
specchio mobile

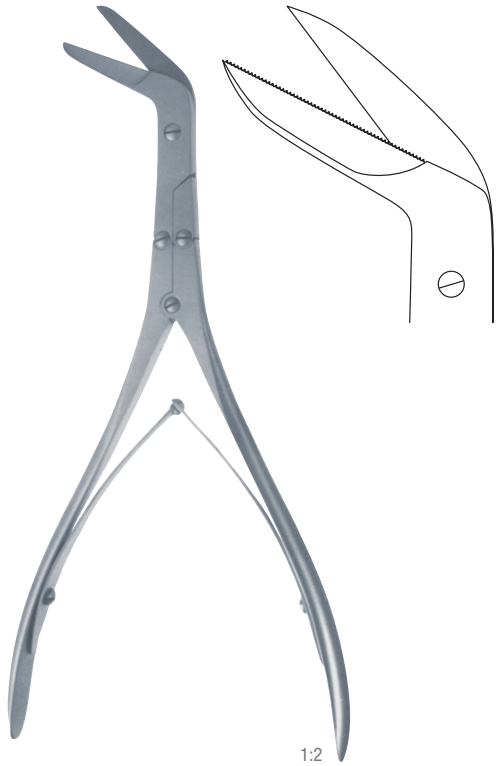
Spiegel alleine
mirror only
miroir seul
espejo sólo
specchio solo

Kehlkopfinstrumente
Laryngeal instruments
Instruments laryngiens
Instrumentos laríngeos
Strumenti laringei



REICHERT 1:2

230 mm – 9 "	14-425-240



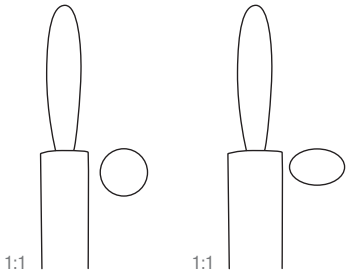
KILLIAN 1:2

200 mm – 8 "	14-426-210

Laryngofissurschere
Laryngetomy scissors
Ciseaux laryngiens
Tijera laríngea
Forbici laringee

Tonsillenschnürer
Tonsils snares
Serre noeuds pour amygdales
Cierra-nudos para amígdalas
Serranodi per tonsille

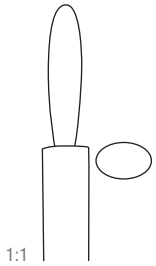




EVES

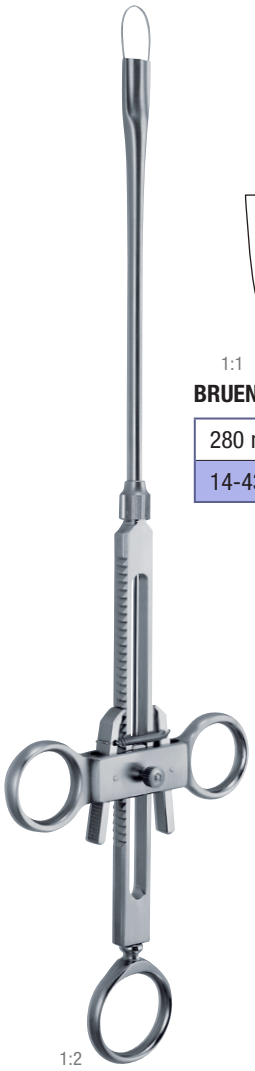
280 mm – 11 "	280 mm – 11 "
14-427-280	14-428-280

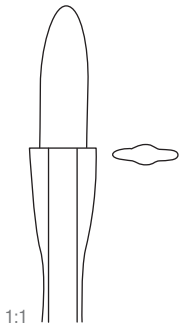




EVES

280 mm – 11 "
14-429-280



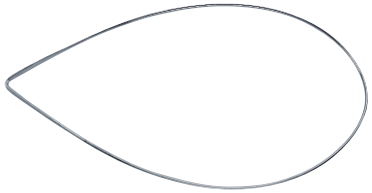


BRUENINGS

280 mm – 11 "
14-430-280



	10 m – 33 ft.
0.3 mm Ø	14-431-300
0.4 mm Ø	14-431-400

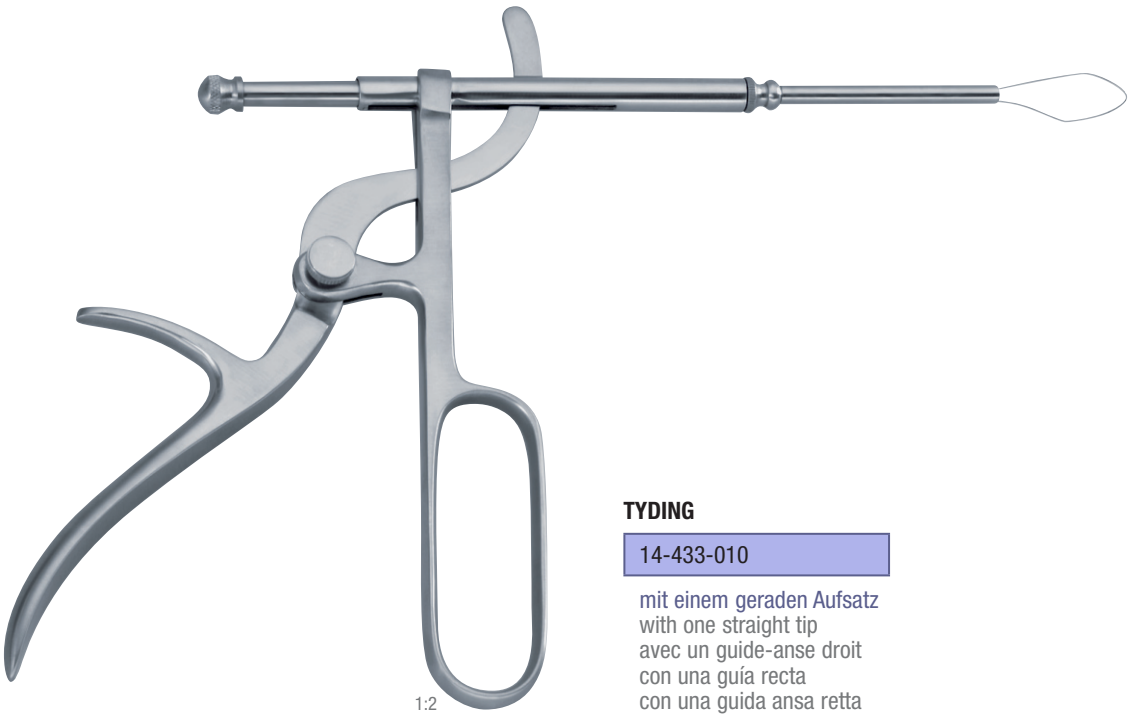


40 mm	14-432-400
50 mm	14-432-500

Packung mit 100 Stück
package of 100 pieces
paquet de100 pièces
paquete de 100 piezas
pacchetto da 100 pezzi

Tonsillenschnürer
Tonsils snares

Serre noeuds pour amygdales
Cierra-nudos para amígdalas
Serranodi per tonsille



1:2

TYDING

14-433-010

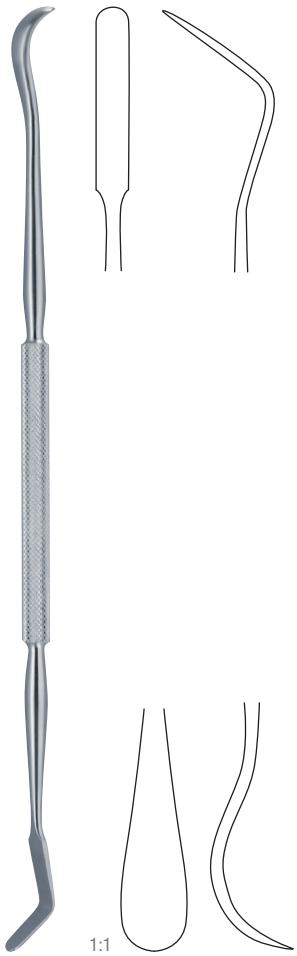
mit einem geraden Aufsatz
with one straight tip
avec un guide-anse droit
con una guía recta
con una guida ansa retta



0.4 mm Ø x 10 cm	14-434-003

Packung mit 100 Stück
package of 100 pieces
paquet de100 pièces
paquete de 100 piezas
pacchetto da 100 pezzi

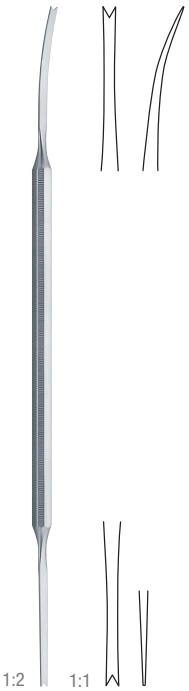
Tonsilleninstrumente
Tonsils instruments
Instruments pour amygdales
Instrumentos para amígdalas
Strumenti per tonsille



CARPENTER

250 mm – 9 ¾ "	14-435-250

Enukleator
Enucleator
Enucléateur pour amygdales
Enucleador para amígdalas
Enucleatore

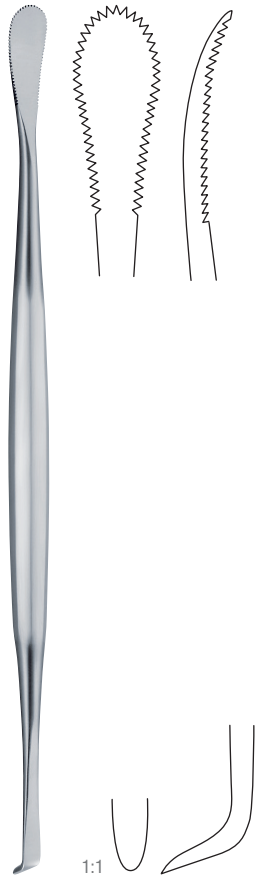


LUNIATSCHEK

180 mm – 7 "	14-436-001

Tonsillen-Tamponstopfer
Tonsils tampon plugger
Porta coton
Porta algodones
Porta tamponi

Tonsilleninstrumente
Tonsils instruments
Instruments pour amygdales
Instrumentos para amígdalas
Strumenti per tonsille



HENKE 1:2 1:1

230 mm – 9"	14-437-230

Tonsillendissektor
Tonsils dissector
Dissecteur à amygdales
Disector para amígdalas
Dissettore tonsillare



HENKE 1:2 1:1

230 mm – 9"	14-438-230

Tonsillendissektor
Tonsils dissector
Dissecteur à amygdales
Disector para amígdalas
Dissettore tonsillare



HURD 1:2

225 mm – 8¾"	14-439-220

Tonsillendissektor
Tonsils dissector
Dissecteur à amygdales
Disector para amígdalas
Dissettore tonsillare

Tonsilleninstrumente
Tonsils instruments
Instruments pour amygdales
Instrumentos para amígdalas
Strumenti per tonsille



LEWIS 1:2

195 mm – 7 ¾ "	14-440-190

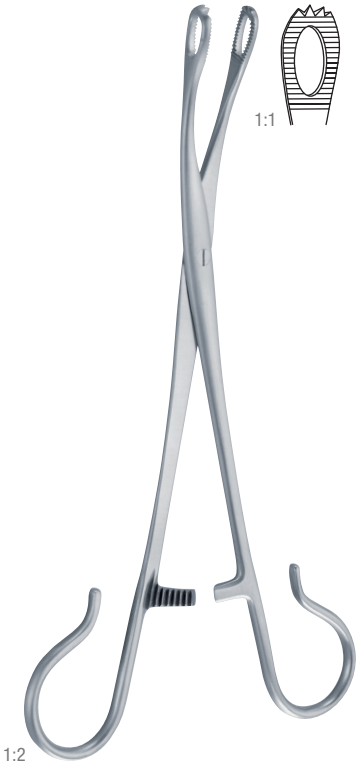
Tonsillenschraube
Tonsils screw
Tire amygdales
Tira amígdalas
Fissa tonsille



MARSCHIK 1:2

220 mm – 8 ¾ "	14-441-220

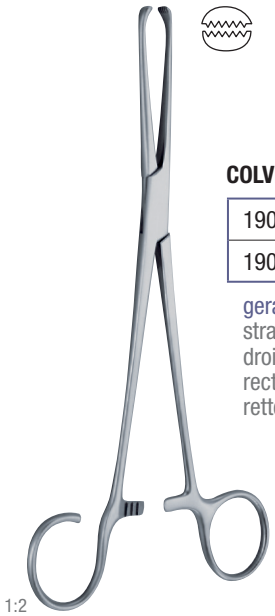
Tonsillen-Fasspinzette
Tonsils seizing forceps
Pince pour saisir les amygdales
Pinza prensora de amígdalas
Pinza da presa tonsille



BLOHMKE

200 mm – 8 "	14-442-200

Tonsilleninstrumente
Tonsils instruments
Instruments pour amygdales
Instrumentos para amígdalas
Strumenti per tonsille

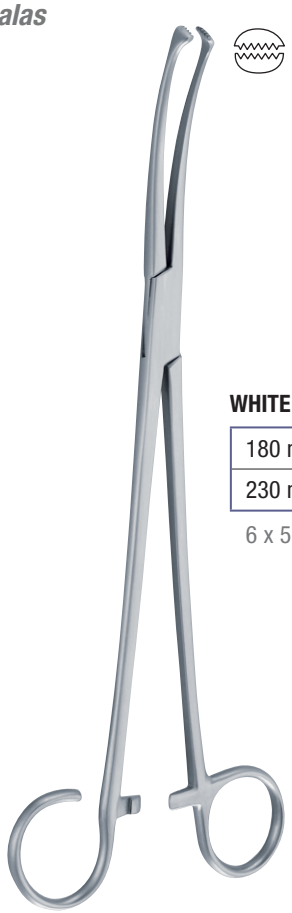

1:2

COLVER

190 mm – 7 ½ "	14-443-190
190 mm – 7 ½ "	14-444-190

gerade
straight
droit
recto
rette

gebogen
curved
courbe
curva
curva



WHITE

180 mm – 7 "	14-445-180
230 mm – 9 "	14-445-230

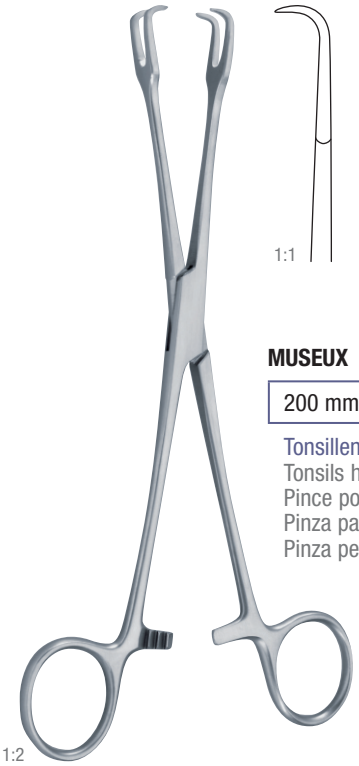
6 x 5


1:2

JACKSON

220 mm – 8 ¾ "	14-446-220

Kehlkopfpinzette
Laryngeal forceps
Pince laryngienne
Pinza laríngea
Pinza laringea


1:2

1:1

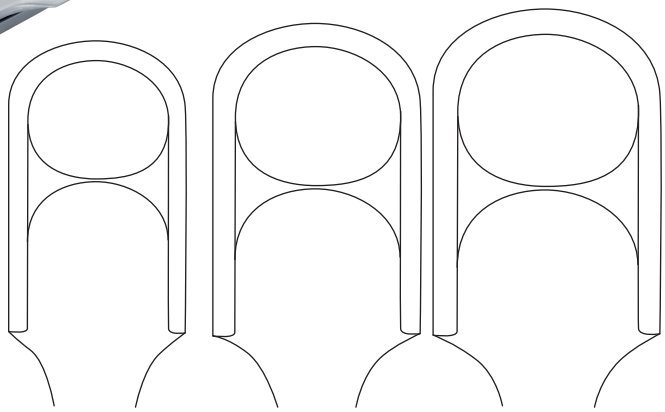
MUSEUX

200 mm – 8 "	14-447-200

Tonsillen-Fasszange
Tonsils holding forceps
Pince pour amygdales
Pinza para amígdalas
Pinza per tonsille

Tonsillotome
Tonsillectomes
Amygdalatomes
Amigdalótomos
Tonsillotomi


1:2



SLUDER-BALLENGER

Fig. 1	Fig. 2	Fig. 3	
14-448-001	14-448-002	14-448-003	14-449-000

Griff
Handle
Manche
Mango
Manico

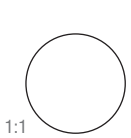
14-450-003	x	x	x	x

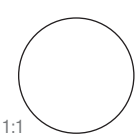
komplett
complete
compl
completa
completa

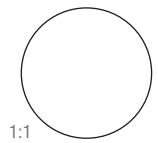


1:2

HARTMANN


1:1


1:1


1:1

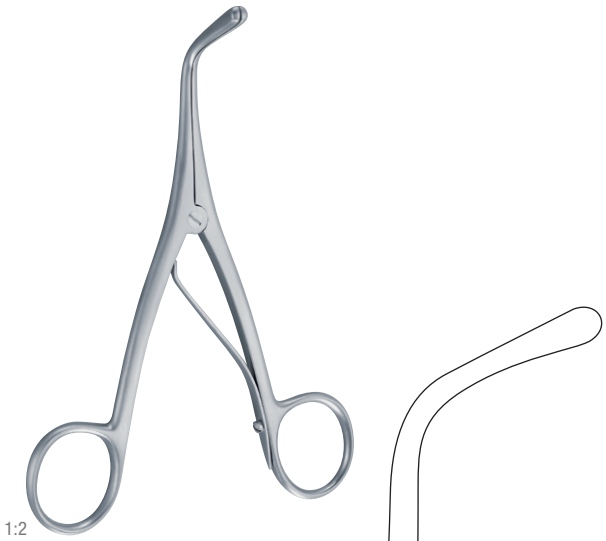
	13 mm Ø	15 mm Ø	17 mm Ø
x = 120 mm	14-451-013	14-451-015	14-451-017

Trachealdilatatoren
Trachea dilators
Dilatateurs pour la trachéotomie
Dilatadores para la traqueotomía
Dilatatori tracheali



LABORDE 1:2

140 mm – 5 ½ "	14-452-140



1:2 1:1

TROUSSEAU

140 mm – 5 ½ "	14-453-140

Trachealkanülen
Trachea tubes
Canules pour la trachéotomie
Cánulas para la tráquea
Cannule tracheali



LUER STANDARD

Fig. 0	4 mm Ø	14-454-004
Fig. 1	5 mm Ø	14-454-005
Fig. 2	6 mm Ø	14-454-006
Fig. 3	7 mm Ø	14-454-007
Fig. 4	8 mm Ø	14-454-008
Fig. 5	9 mm Ø	14-454-009
Fig. 6	10 mm Ø	14-454-010
Fig. 7	11 mm Ø	14-454-011
Fig. 8	12 mm Ø	14-454-012
Fig. 9	13 mm Ø	14-454-013

Neusilber
German silver
Maillechort
Plata alemana
Argentone



1:2

UCKERMANN

	8 mm Ø	10 mm Ø
130 mm – 5 "	14-456-008	14-456-010



CHEVALIER-JACKSON

Fig. 0	4 mm Ø	14-455-004
Fig. 1	5 mm Ø	14-455-005
Fig. 2	6 mm Ø	14-455-006
Fig. 3	7 mm Ø	14-455-007
Fig. 4	8 mm Ø	14-455-008
Fig. 5	9 mm Ø	14-455-009
Fig. 6	10 mm Ø	14-455-010
Fig. 7	11 mm Ø	14-455-011
Fig. 8	12 mm Ø	14-455-012
Fig. 9	13 mm Ø	14-455-013

Neusilber
German silver
Maillechort
Plata alemana
Argentone

Kropffasszangen – Kropfsonden
Goitre grasping forceps – Goitre enucleator
Pinces à goitre – Spatules à goitre
Pinzas para coger el bocio – Sondas para bocio
Pinze per gozzo – Sonde per gozzo



MASTIN 1:2

170 mm – 6 ½ "	14-458-170



LAHEY

150 mm – 6 "	14-459-150
200 mm – 8 "	14-459-200



1:1



1:1

KOCHER

150 cm – 6 "	14-460-150	14-461-150
160 mm – 6 ¼ "	14-460-160	14-461-160

mit Loch
with hole
avec trou
con orificio
con foro

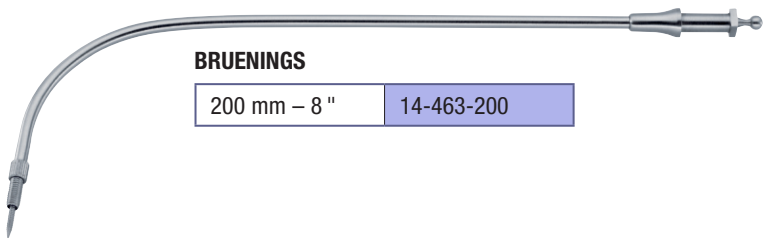
Broncho-Oesophagoskopiezangen
Broncho-oesophagoscopy forceps

Pinces pour broncho-oesophagoscopie
Pinzas para bronco-esofagoscopía
Pinze per bronco-oesophagoscopia



BRUENINGS

200 mm – 8 "	14-462-200
300 mm – 12 "	14-462-300
400 mm – 16 "	14-462-400
500 mm – 20 "	14-462-500
600 mm – 23 ½ "	14-462-600



BRUENINGS

200 mm – 8 "	14-463-200



HUBER 1:2

14-464-000

Broncho-Oesophagoskopiezangen
Broncho-oesophagoscopy forceps

Pinces pour broncho-oesophagoscopie
Pinzas para bronco-esofagoscopía
Pinze per bronco-oesophagoscopia

TC
Auswechselbare Zangenaufsätze
Exchangeable tips
Embouts interchangeables
Bocas intercambiables
Punte intercambiabili



SEIFFERT



14-465-000



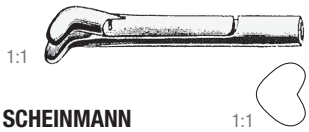
BRUENINGS

14-466-000	14-466-001	14-466-002



LANGE

14-467-000



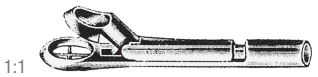
SCHEINMANN

14-468-000



BRUENINGS

14-469-001	14-469-002



KRAUSE

14-470-001	14-470-002



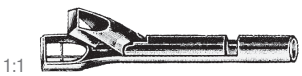
FRAENKEL

14-471-000



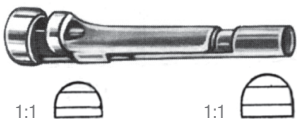
CORDES

14-472-001	14-472-002



KRAUSE

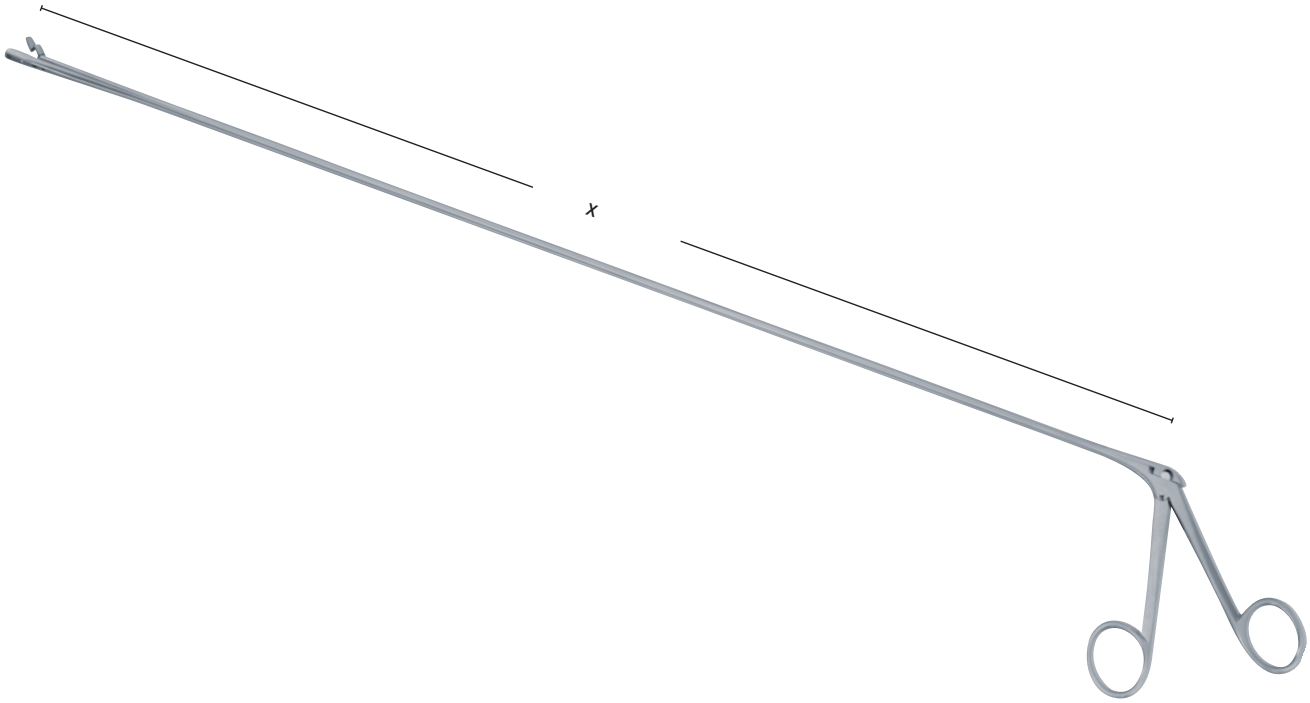
14-473-000



CORDES

14-474-001	14-474-002	14-474-003	14-474-004

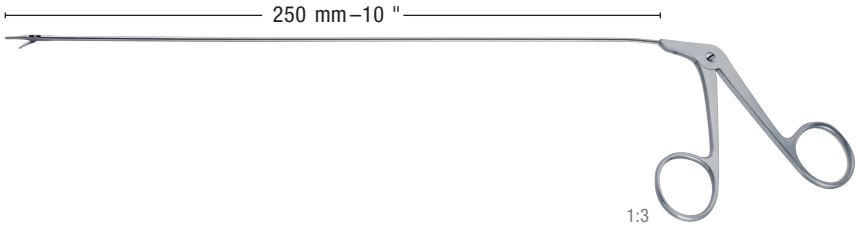
Broncho-Oesophagoskopiezangen
Broncho-oesophagoscopy forceps
Pinces pour broncho-oesophagoscopie
Pinzas para bronco-esofagoscopía
Pinze per bronco-oesophagoscopia



CHEVALIER-JACKSON	1:1 	1:1 	1:1 	1:1 
x = 300 mm – 12"	14-475-300	14-476-300	14-477-300	14-478-300
x = 400 mm – 16"	14-475-400	14-476-400	14-477-400	14-478-400
x = 500 mm – 20"	14-475-500	14-476-500	14-477-500	14-478-500
x = 600 mm – 23½"	14-475-600	14-476-600	14-477-600	14-478-600

	1:1 	1:1 	1:1 
x = 300 mm – 12"	14-479-300	14-480-300	14-481-300
x = 400 mm – 16"	14-479-400	14-480-400	14-481-400
x = 500 mm – 20"	14-479-500	14-480-500	14-481-500
x = 600 mm – 23½"	14-479-600	14-480-600	14-481-600

Mikro-Instrumente für Laryngo-Broncho-Oesophagoskopie
Micro-instruments for laryngo-broncho-oesophagoscopy
Micro-instruments pour laryngo-broncho-oesophagoscopie
Micro-instrumental para laringo-bronco-esofagoscopía
Micro-strumenti per laringo-bronco-esofagoscopia



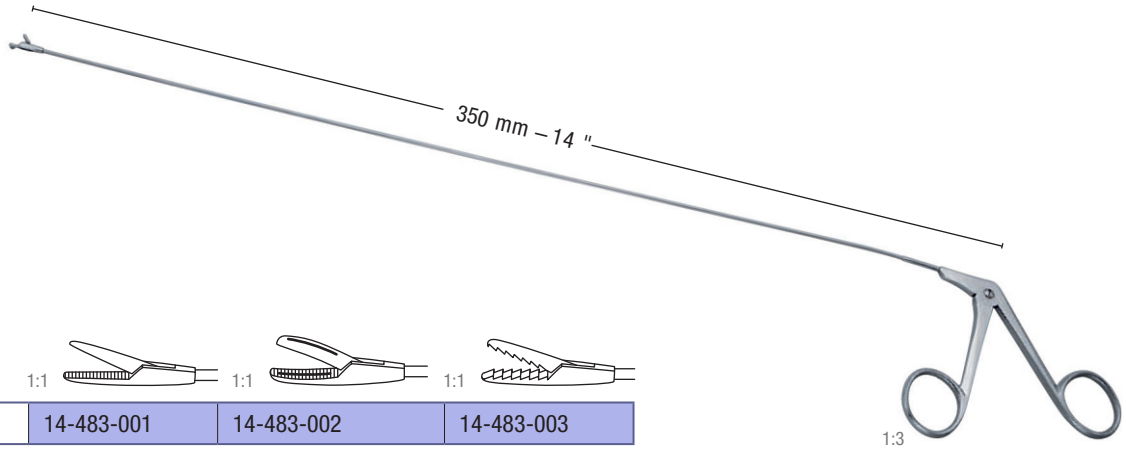
	14-482-004	14-482-021	14-482-023	14-482-006	14-482-005
	1:1	1:1	1:1	1:1	1:1
Scheren Scissors Ciseaux Tijeras Forbice	gerade gerade droit recta retta	gerade horizontal straight horizontal droit horizontal recta horizontal retta orizzontale	aufgebogen horizontal angled up horizontal coudé en haut coupe horizontal curvada arriba horizontal curvata in alto orizzontale	rechts gebogen curved right courbe à droite curvada a derecha curva a destra	links gebogen curved left courbe à gauche curvada a izquierda curva a sinistra

14-482-020
1:1
aufgebogen angled up coudé en haut curvada arriba curvata in alto

	14-482-001	14-482-018	14-482-019	14-482-003	14-482-002
	1:1	1:1	1:1	1:1	1:1
Alligatorzangen Alligator forceps Pinces crocodile Pinzas cocodrilo Pinze coccodrillo	gerade, gerieft straight, serrated droit, strié recta, estriada retta, zigrinata	gerade horizontal straight horizontal droit horizontal recta horizontal retta orizzontale	aufgebogen horizontal angled up horizontal coudé en haut coupe horizontal curvada arriba horizontal curvata in alto orizzontale	rechts gebogen curved right courbe à droite curvada a derecha curva a destra	links gebogen curved left courbe à gauche curvada a izquierda curva a sinistra
2.5 mm ○	14-482-007	14-482-025	14-482-027	14-482-009	14-482-008
	1:1	1:1	1:1	1:1	1:1
Löffelzangen Cup shaped forc. Pinces curettes Pinzas cureta Pinze a cucchaio	gerade gerade droit recta retta	aufgebogen angled up coudé en haut curvada arriba curvata in alto	aufgebogen horizontal angled up horizontal coudé en haut coupe horizontal curvada arriba horizontal curvata in alto orizzontale	rechts gebogen curved right courbe à droite curvada a derecha curva a destra	links gebogen curved left courbe à gauche curvada a izquierda curva a sinistra

3 x 5 mm ⬭	14-482-028
	1:1
Löffelzange Cup shaped forc. Pince curette Pinza cureta Pinza a cucchaio	oval oval ovale oval ovale

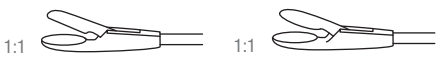
Mikro-Instrumente für Laryngo-Broncho-Oesophagoskopie
Micro-instruments for laryngo-broncho-oesophagoscopy
Micro-instruments pour laryngo-broncho-oesophagoscopie
Micro-instrumental para laringo-bronco-esofagoscopía
Micro-strumenti per laringo-bronco-esofagoscopia



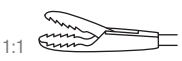
	14-483-001	14-483-002	14-483-003
Fasszange	gerade, gerieft	gerade, gefenstert	gerade
Grasping forceps	straight, serrated	straight, fenestrated	gerade
Pince à saisir	droit, striée	droit, fenêtrée	droit
Pinza agarre	recta, estriada	recta, fenestrada	recta
Pinza da presa	retta, zigrinata	retta, fenestrata	retta



3 mm ○	14-483-010	14-483-012	14-483-013	14-483-015	14-483-017
Löffelzangen	gerade	aufgebogen	aufgebogen horizontal	rechts gebogen	links gebogen
Cup shaped forc.	gerade	angled up	angled up horizontal	curved right	curved left
Pinces curettes	droit	coudé en haut	coudé en haut coupe horizontal	courbe à droite	courbe à gauche
Pinzas cureta	recta	curvada arriba	curvada arriba horizontal	curvada a derecha	curvada a izquierda
Pinze a cucchaio	retta	curvata in alto	curvata in alto orizzontale	curva a destra	curva a sinistra

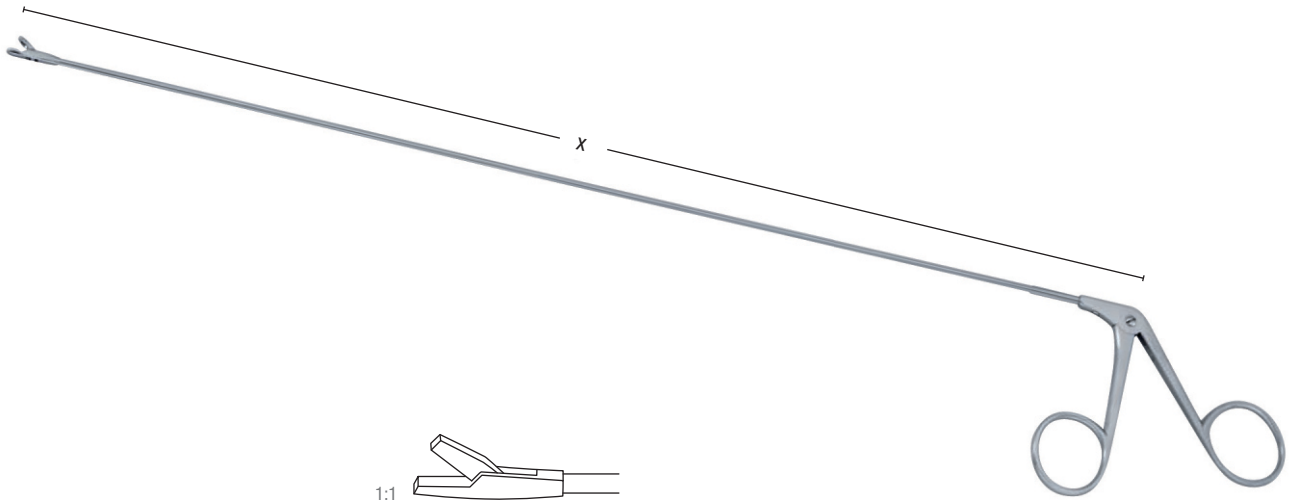


	2 mm x 5 mm	3 mm x 5 mm
	14-483-020	14-483-022
Löffelzangen	gerade	gerade
Cup shaped forc.	gerade	gerade
Pinces curettes	droit	droit
Pinzas cureta	recta	recta
Pinze a cucchaio	retta	retta



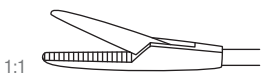
	14-483-024
Universalzange	gerade
Universal forceps	gerade
Pince universelle	droit
Pinza universal	recta
Pinza universale	retta

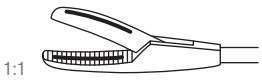
Mikro-Instrumente für Laryngo-Broncho-Oesophagoskopie
Micro-instruments for laryngo-broncho-oesophagoscopy
Micro-instruments pour laryngo-broncho-oesophagoscopie
Micro-instrumental para laringo-bronco-esofagoscopía
Micro-strumenti per laringo-bronco-esofagoscopia

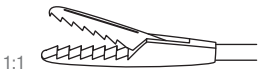


x = 400 mm – 16 "	14-484-002
x = 500 mm – 20 "	14-485-002
x = 600 mm – 23 ½ "	14-486-002

Tumorzange, gerade
Punch forceps, straight
Pince pour tumeurs, droit
Pinza para tumores, recta
Pinza per tumori, retta



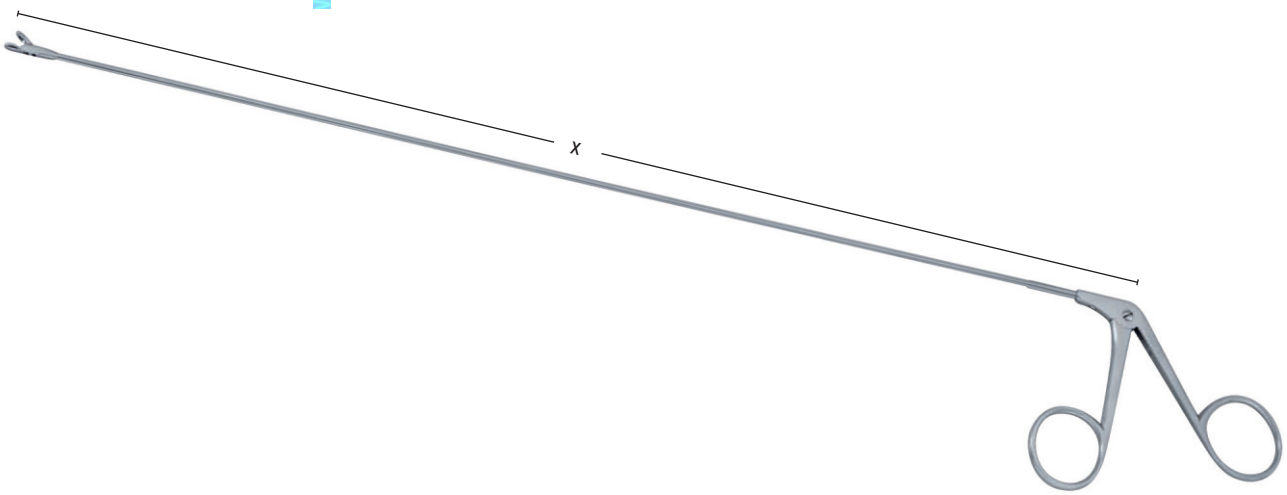




x = 400 mm – 16 "	14-484-004	14-484-006	14-484-008
x = 500 mm – 20 "	14-485-004	14-485-006	14-485-008
x = 600 mm – 23 ½ "	14-486-004	14-486-006	14-486-008

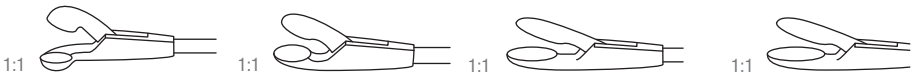
Fasszange	gerade, gerieft	gerade, gefenstert	gerade
Grasping forceps	straight, serrated	straight, fenestrated	gerade
Pince à saisir	droit, striée	droit, fenêtrée	droit
Pinza agarre	recta, estriada	recta, fenestrada	recta
Pinza da presa	retta, zigrinata	retta, fenestrata	retta

Mikro-Instrumente für Laryngo-Broncho-Oesophagoskopie
Micro-instruments for laryngo-broncho-oesophagoscopy
Micro-instruments pour laryngo-broncho-oesophagoscopie
Micro-instrumental para laringo-bronco-esofagoscopía
Micro-strumenti per laringo-bronco-esofagoscopia

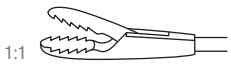




	4 mm	4 mm	4 mm	4 mm
x = 400 mm – 16"	14-484-010	14-484-012	14-484-014	14-484-016
x = 500 mm – 20"	14-485-010	14-485-012	14-485-014	14-485-016
x = 600 mm – 23½"	14-486-010	14-486-012	14-486-014	14-486-016
Löffelzangen Cup shaped forc. Pinces curettes Pinzas cureta Pinze a cucchaio	gerade gerade droit recta retta	aufgebogen angled up coudé en haut curvada arriba curvata in alto	aufgebogen horizontal angled up horizontal coudé en haut coupe horizontal curvada arriba horizontal curvata in alto orizzontale	rechts gebogen curved right courbe à droite curvada a derecha curva a destra



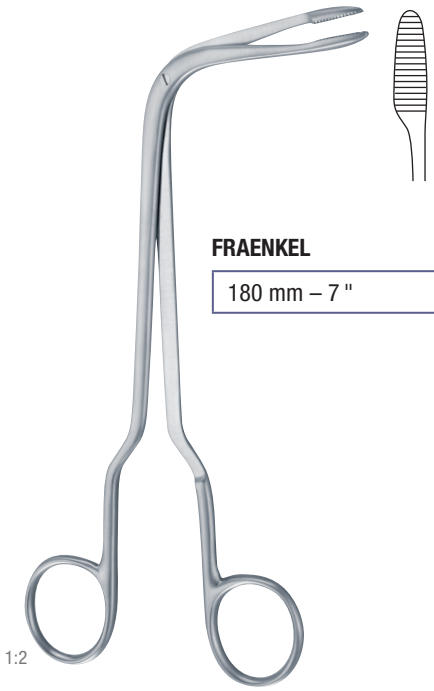
	4 mm	3 mm x 4 mm	4 mm x 6 mm	4 mm x 8 mm
x = 400 mm – 16"	14-484-018	14-484-020	14-484-022	14-484-024
x = 500 mm – 20"	14-485-018	14-485-020	14-485-022	14-485-024
x = 600 mm – 23½"	14-486-018	14-486-020	14-486-022	14-486-024
Löffelzangen Cup shaped forc. Pinces curettes Pinzas cureta Pinze a cucchaio	links gebogen curved left courbe à gauche curvada a izquierda curva a sinistra	gerade gerade droit recta retta	gerade gerade droit recta retta	gerade gerade droit recta retta



x = 400 mm – 16"	14-484-030
x = 500 mm – 20"	14-485-030
x = 600 mm – 23½"	14-486-030
Universalzange Universal forceps Pince universelle Pinza universal Pinza universale	gerade gerade droit recta retta

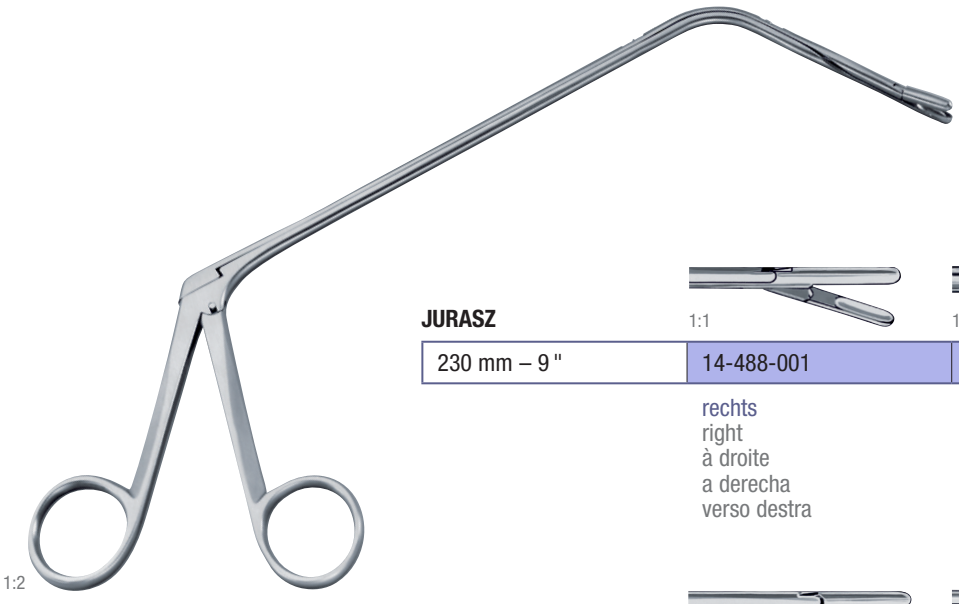
Kehlkopfpolypenzangen
Laryngeal polypus forceps

Pinces à polypes laryngiens
Pinzas para pólipos laríngeos
Pinze per polipi laringei



FRAENKEL

180 mm – 7 "	14-487-180



JURASZ



230 mm – 9 "	14-488-001	14-488-002
	rechts right à droite a derecha verso destra	links left à gauche a izquierda verso sinistra

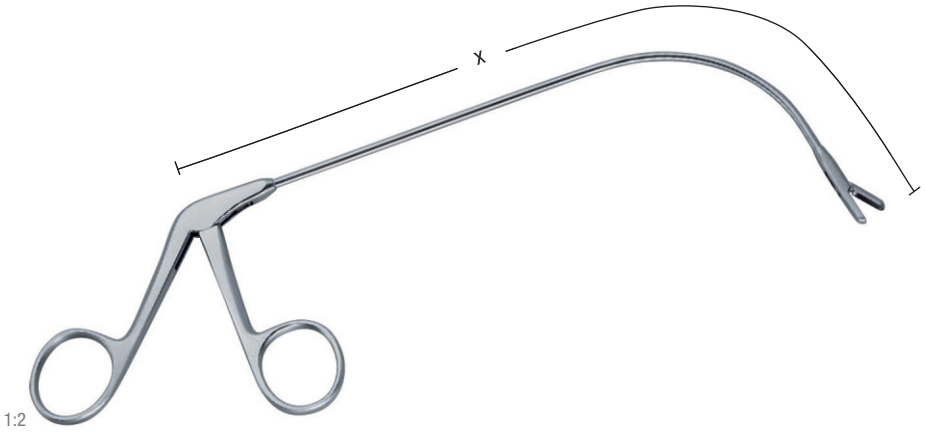


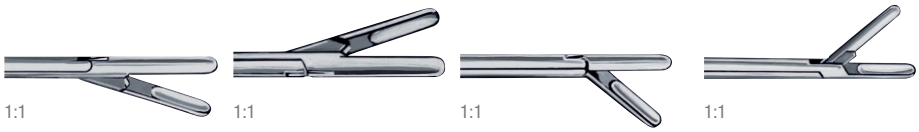


14-488-003	14-488-004
nach unten downwards vers le bas hacia abajo verso basso	nach oben upwards vers le haut hacia arriba verso alto

Kehlkopfpolypenzangen
Laryngeal polypus forceps

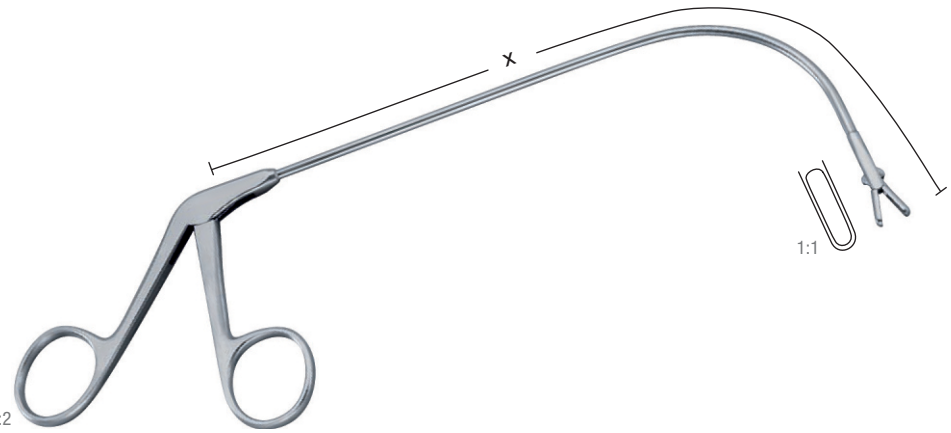
Pinces à polypes laryngiens
Pinzas para pólipos laríngeos
Pinze per polipi laringei





JURASZ

230 mm – 9"	14-489-001	14-489-002	14-489-003	14-489-004
	rechts right à droite a derecha verso destra	links left à gauche a izquierda verso sinistra	nach unten downwards vers le bas hacia abajo verso basso	nach oben upwards vers le haut hacia arriba verso alto



FRAENKEL

x = 170 mm – 6¾"	14-490-170

beide Maulteile beweglich
both jaws articulated
les deux mâchoires mobiles
las dos mandíbulas móviles
ambedue i morsi mobili

» Thorax, Lunge

» Thorax, Lung

» Thorax, Poumon

» Toráico, Pulmón

» Torace, Polmone

NJ ENTERPRISES



Rippenscheren
Rib shears

Costotomes
Costótomos
Costotomi



1:2

220 mm – 8 ¾ "	15-101-220



190 mm – 7 ½ "	15-102-190
230 mm – 9 "	15-102-230



GLUCK

220 mm – 8 ¾ "	15-103-220

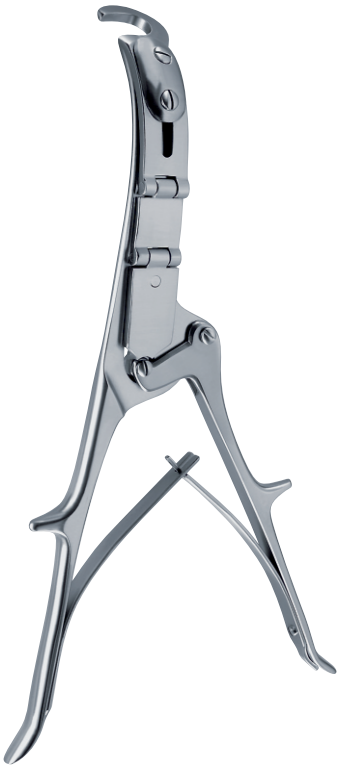


STILLE 1:2

210 mm – 8 ¼ "
15-107-210

Rippenscheren
Rib shears

Costotomes
Costótomos
Costotomi



1:3

BRUNNER

320 mm – 12 ½ "	15-108-280	15-109-280
	für die rechte Hand for the right hand pour la main droite para la mano derecha per la mano destra	für die linke Hand for the left hand pour la main gauche para la mano izquierda per la mano sinistra



1:3

SAUERBRUCH-FREY

360 mm – 14 ¼ "	15-110-360

Rippenscheren
Rib shears
Costotomes
Costótomos
Costotomi



1:3

SAUERBRUCH

260 mm – 10 ¼ "	15-111-260



1:3

BETHUNE

340 mm – 13 ½ "	15-112-340



1:3

GIERTZ-STILLE

270 mm – 10 ¾ "	15-113-270



1:3

LEBSCHE

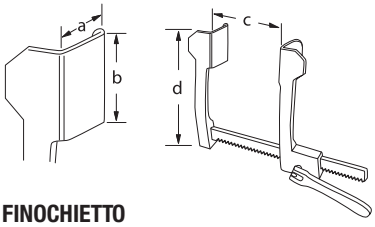
245 mm – 9 ¾ "	15-114-245

Rippensperrer
Rib retractors

Ecarteurs des côtes
Separadores costales
Divaricatori costali



1:2



FINOCHIETTO

	a	b	c	d
15-115-250	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

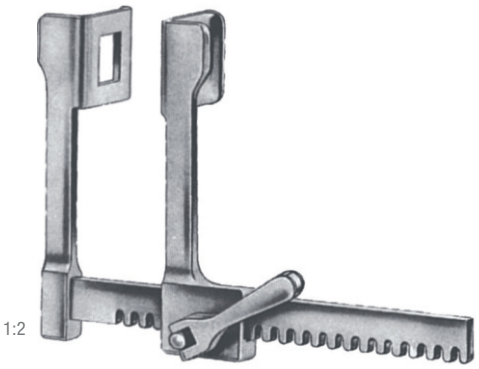


BABY-HAIGHT

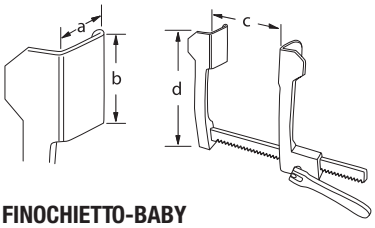
	a	b	c	d
15-116-090	28 mm	30 mm	85 mm	70 mm

rostfrei
stainless steel
acier inoxydable
acero inoxidable
accaio inossidabile

Rippensperrer
Rib retractors
Ecarteurs des côtes
Separadores costales
Divaricatori costali



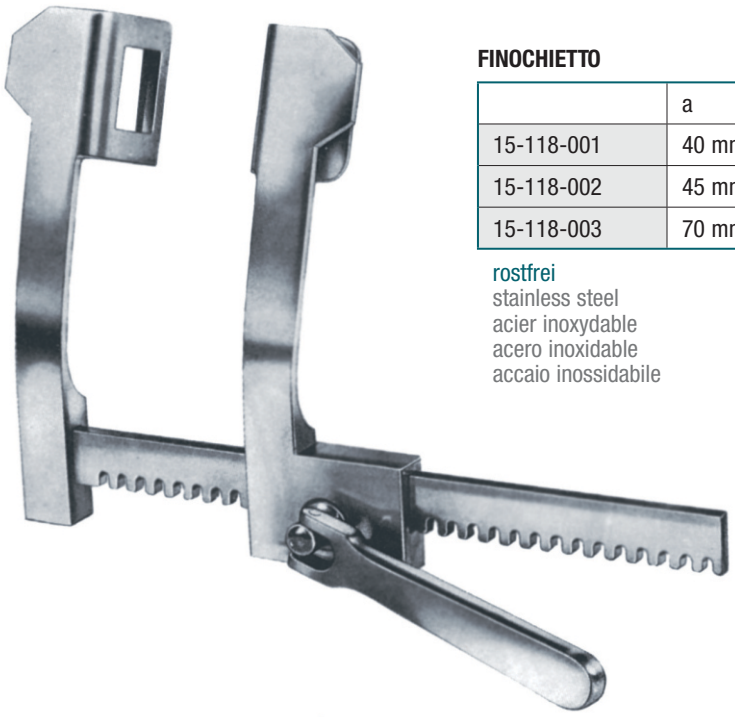
1:2



FINOCHIETTO-BABY

	a	b	c	d
15-117-750	14 mm	15 mm	75 mm	55 mm

rostfrei
stainless steel
acier inoxydable
acero inoxidable
accaio inossidabile

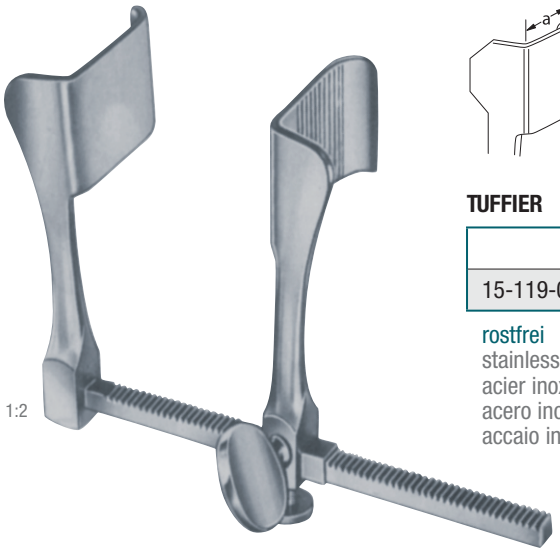


FINOCHIETTO

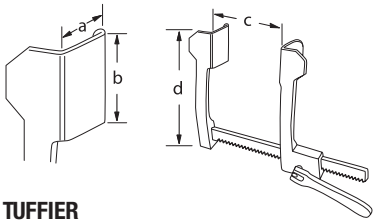
	a	b	c	d
15-118-001	40 mm	40 mm	165 mm	110 mm
15-118-002	45 mm	65 mm	200 mm	140 mm
15-118-003	70 mm	65 mm	250 mm	140 mm

rostfrei
stainless steel
acier inoxydable
acero inoxidable
accaio inossidabile

Rippensperrer
Rib retractors
Ecarteurs des côtes
Separadores costales
Divaricatori costali



1:2



TUFFIER

	a	b	c	d
15-119-000	50 mm	45 mm	165 mm	110 mm

rostfrei
stainless steel
acier inoxydable
acero inoxidable
accaio inossidabile



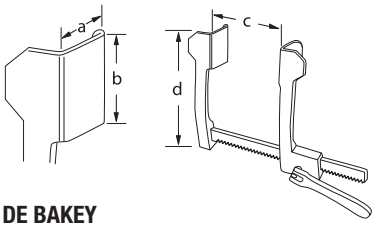
1:2

DE BOER (STERNAL)

	a	b	c	d
15-120-000	30 mm	100 mm	210 mm	185 mm

rostfrei
stainless steel
acier inoxydable
acero inoxidable
accaio inossidabile

Rippensperrer
Rib retractors
Ecarteurs des côtes
Separadores costales
Divaricatori costali



DE BAKEY

	a	b	c	d
15-121-000	30 mm	30 mm	150 mm	180 mm
	40 mm	40 mm		
	50 mm	50 mm		

für Kinder, mit 3 Paar auswechselbaren Valven, rostfrei
for children, with 3 pairs of interchangeable blades, stainless steel
pour enfants, 3 paires de valves, interchangeables, inoydable
para niños, 3 pares de valvas intercambiables, inoxidable
per bambini, 3 paia di valve intercambiabili, inossidabile

	a	b
15-121-300	30 mm	30 mm
15-121-400	40 mm	40 mm
15-121-500	50 mm	50 mm
15-121-660	66 mm	66 mm



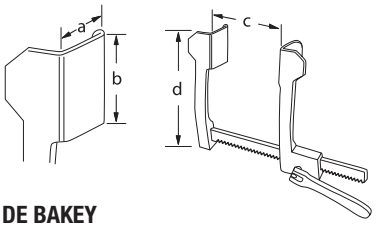
Valven-Paar, rostfrei
Pair of blades, stainless steel
Paire de valves, acier inoxydable
Par de valvas, acero inoxidable
Paia di valve, accaio inossidabile



	15-121-090

Sperrer allein
retractor only
ecarteur seul
separador suelto
divaricatore solo

Rippensperrer
Rib retractors
Ecarteurs des côtes
Separadores costales
Divaricatori costali



DE BAKEY

	a	b	c	d
15-122-000	30 mm	30 mm	200 mm	225 mm
	50 mm	80 mm		
	60 mm	60 mm		

für Erwachsene, mit 3 Paar auswechselbaren Valven, rostfrei
for adults, with 3 pairs of interchangeable blades, stainless steel
pour adultes, 3 paires de valves, interchangeables, inoxydable
para adultos, 3 pares de valvas intercambiables, inoxidable
per adulti, 3 paia di valve intercambiabili, inossidabile

	a	b
15-122-300	30 mm	30 mm
15-122-400	40 mm	100 mm
15-122-500	50 mm	80 mm
15-122-600	60 mm	60 mm
15-122-660	66 mm	66 mm
15-122-800	80 mm	60 mm



Valven-Paar, rostfrei
Pair of blades, stainless steel
Paire de valves, acier inoxydable
Par de valvas, acero inoxidable
Paia di valve, accaio inossidabile

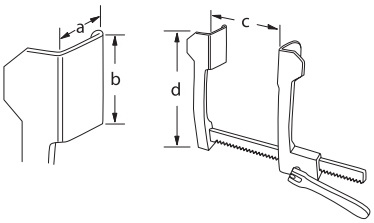


	15-122-220

Sperrer allein
retractor only
ecarteur seul
separador suelto
divaricatore solo

Rippensperrer
Rib retractors
Ecarteurs des côtes
Separadores costales
Divaricatori costali





MERCEDES THORAXSPERRER

	a	b	c	d
15-123-001	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, aves 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
15-123-003	45 mm	68 mm
15-123-004	70 mm	75 mm

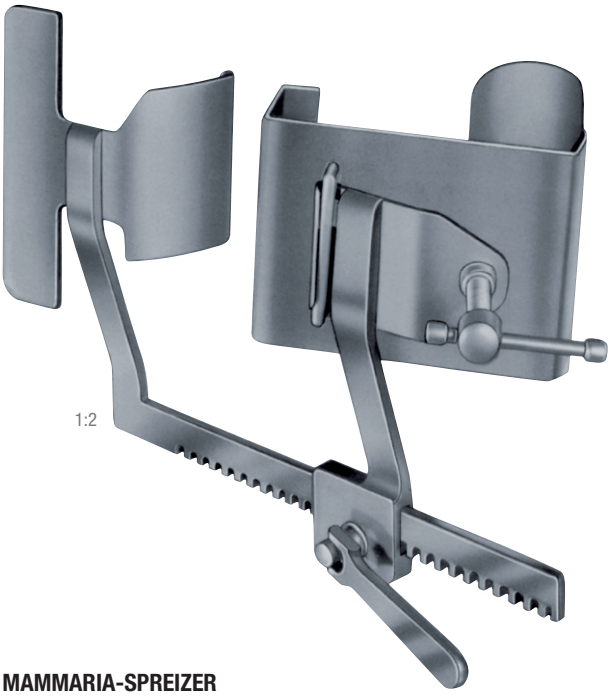
Valven-Paar, rostfrei
Pair of blades, stainless steel
Paire de valves, acier inoxydable
Par de valvas, acero inoxidable
Paia di valve, accaio inossidabile

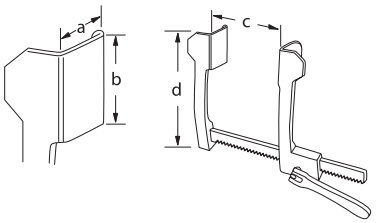
15-123-001

Sperrer allein
Retractor only
Ecarteur seul
Separador sólo
Divaricatore solo

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
15-124-000	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, demontable, écrou pour soulever le thorax pendant des dissections IMA, inoxydable
con valva móvil y desmontable, rosca para levantar el tórax durante la disección IMA, inoxidable
con valve smontabili e vite di fissaggio per alzare lo sterno per dissezione IMA, inossidabile

Lungenspatel – Rippenkontraktoren
Lung spatula – Rib contractors

Spatules pulmonaires – Rapprocheurs
Espátula pulmonar – Aproximadores para costillas
Spatole per polmone – Approssimatori costali



ALLISON

300 mm – 12 "	15-125-300
320 mm – 12 ½ "	15-126-000



BAILEY-BABY 1:2

140 mm – 5 ½ "	15-127-140



BAILEY 1:2

160 mm – 6 ¼ "	15-128-160

Rippenkontraktoren
Rib contractors
Rapprocheurs
Aproximadores para costillas
Approssimatori costali



LEMMON

145 mm – 5 ¾ "	15-129-140
180 mm – 7 "	15-129-180



BAILEY-GIBBON 1:2

160 mm – 6 ¼ "	15-130-160

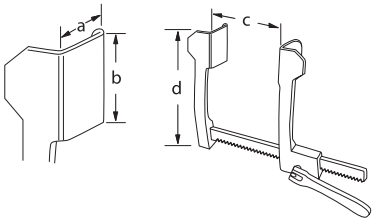


SELLORS 1:2

190 mm – 7 ½ "	15-131-190

Rippensperrer
Rib retractors
Ecarteurs des côtes
Separadores costales
Divaricatori costali

TC





BURFORD 8"

Aluminium				
	a	b	c	d
15-132-001	45 mm	62 mm	165 mm	200 mm
	65 mm	62 mm		

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

BURFORD 10"

Aluminium				
	a	b	c	d
15-132-002	45 mm	62 mm	250 mm	200 mm
	65 mm	62 mm		

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

BURFORD 12"

Aluminium				
	a	b	c	d
15-132-003	45 mm	62 mm	290 mm	200 mm
	62 mm	62 mm		

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

BURFORD

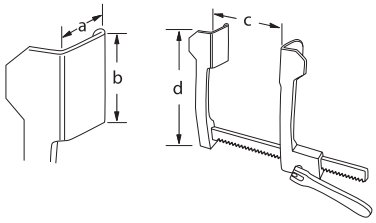
Aluminium				
	a	b	c	d
15-133-001	30 mm	42 mm	130 mm	117 mm
	41 mm	42 mm		

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

Rippensperrer
Rib retractors
Ecarteurs des côtes
Separadores costales
Div icatori costali

TC





FINOCHIETTO

Aluminium				
	a	b	c	d
15-134-001	40 mm	45 mm	135 mm	110 mm

kleines Modell, auch für Kinder geeignet
small size, for children too
petit modèle, également pour enfants
modelo pequeño, también para niños
modello piccolo, pure per bambini

FINOCHIETTO

Aluminium				
	a	b	c	d
15-134-002	52 mm	65 mm	175 mm	140 mm

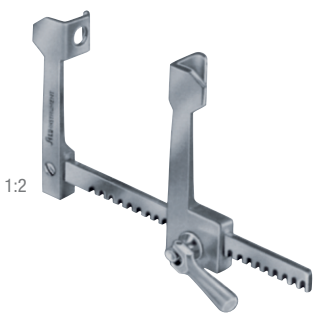
mittleres Modell, für Erwachsene
medium size, for adults
moyen modèle, pour adultes
modelo medio, para adultos
modello medio, per adulti


1:2

FINOCHIETTO

Aluminium				
	a	b	c	d
15-134-003	85 mm	65 mm	175 mm	140 mm

grosses Modell, für Erwachsene
large size, for adults
grand modèle, pour adultes
modelo grande, para adultos
modello grande, per adulti


1:2

FINOCHIETTO-INFANT

Aluminium				
	a	b	c	d
15-135-010	27 mm	30 mm	95 mm	80 mm

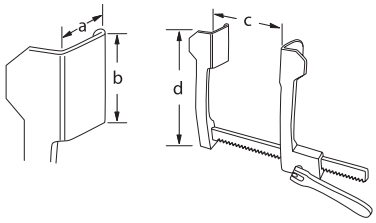
für Kinder
for children
pour enfants
para niños
per bambini

FINOCHIETTO-BABY-HAIGHT

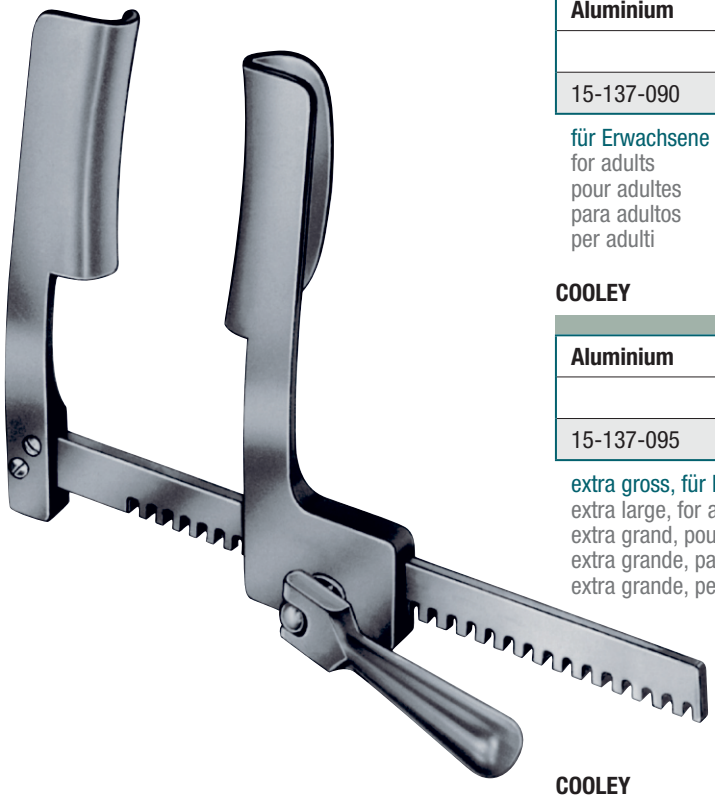
Aluminium				
	a	b	c	d
15-136-750	15 mm	15 mm	75 mm	55 mm

für Säuglinge
for infants
pour nourissons
para lactantes
per lattanti

Rippensperrer
Rib retractors
Ecarteurs des côtes
Separadores costales
Divaricatori costali



TC



COOLEY

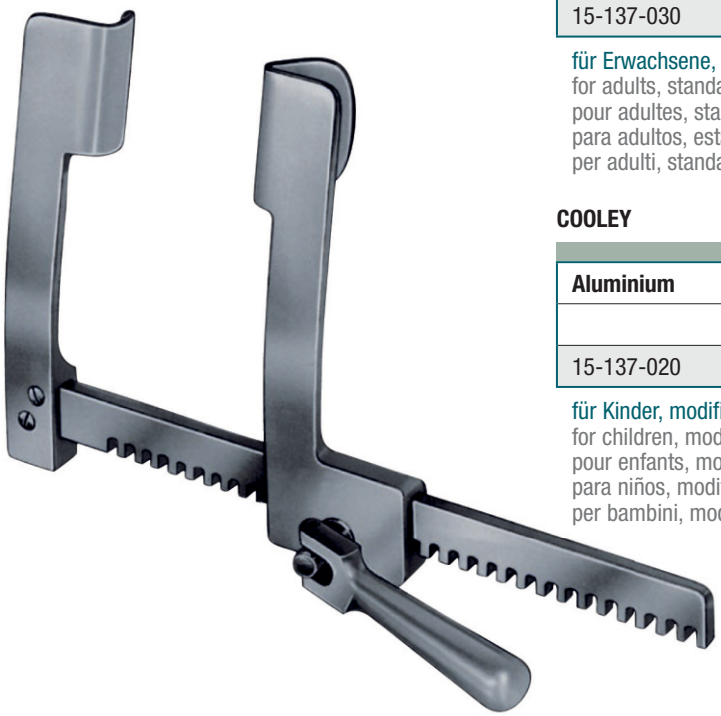
Aluminium				
	a	b	c	d
15-137-090	35 mm	100 mm	180 mm	180 mm

für Erwachsene
for adults
pour adultes
para adultos
per adulti

COOLEY

Aluminium				
	a	b	c	d
15-137-095	35 mm	115 mm	230 mm	205 mm

extra gross, für Erwachsene
extra large, for adults
extra grand, pour adultes
extra grande, para adultos
extra grande, per adulti



COOLEY

Aluminium				
	a	b	c	d
15-137-030	21 mm	44 mm	150 mm	145 mm

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

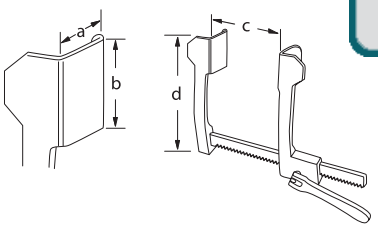
COOLEY

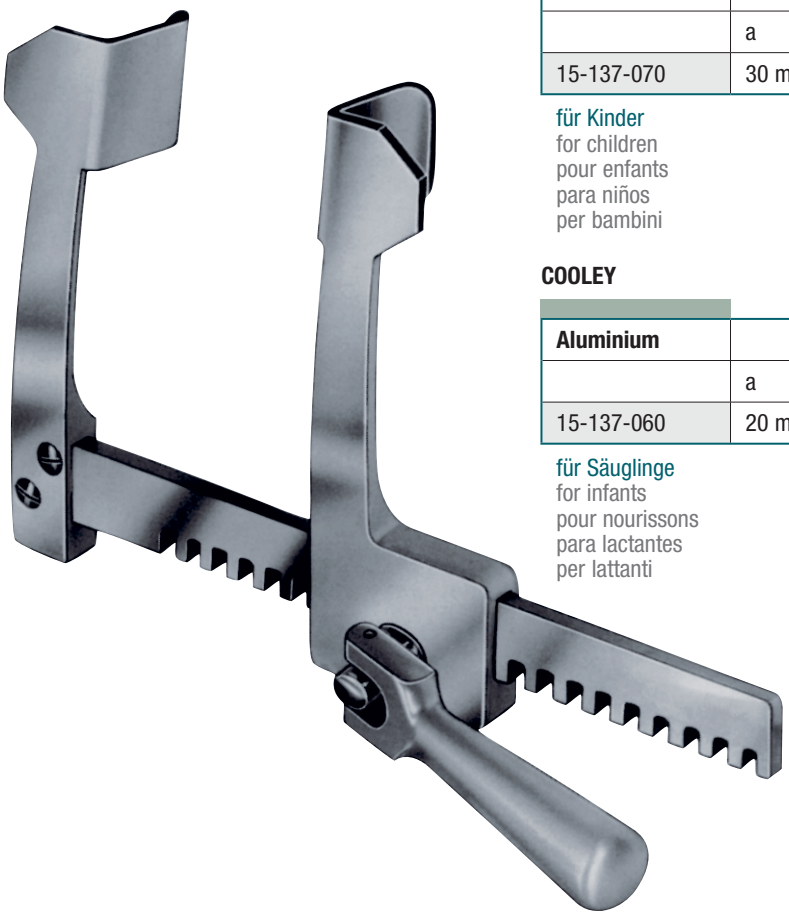
Aluminium				
	a	b	c	d
15-137-020	15 mm	30 mm	140 mm	110 mm

für Kinder, modifiziert
for children, modified
pour enfants, modifié
para niños, modificado
per bambini, modificato

Rippensperrer
Rib retractors
Ecarteurs des côtes
Separadores costales
Divaricatori costali

TC




1:1

COOLEY

Aluminium				
	a	b	c	d
15-137-070	30 mm	35 mm	140 mm	110 mm

für Kinder
for children
pour enfants
para niños
per bambini

COOLEY

Aluminium				
	a	b	c	d
15-137-060	20 mm	25 mm	100 mm	80 mm

für Säuglinge
for infants
pour nourissons
para lactantes
per lattanti


1:1

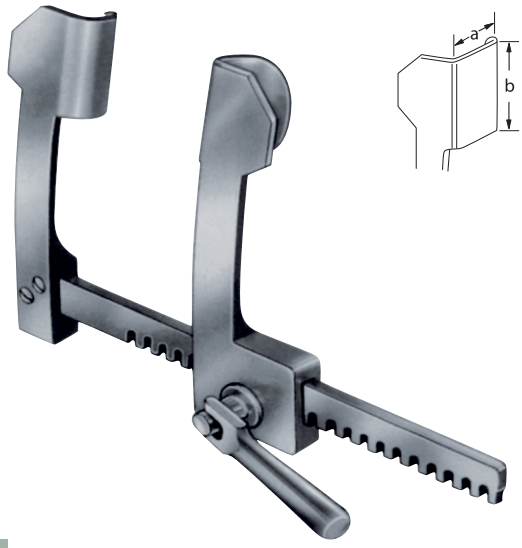
COOLEY

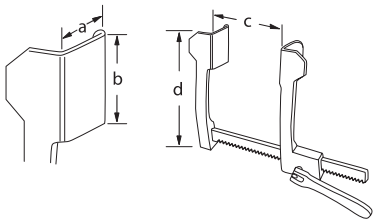
Aluminium				
	a	b	c	d
15-137-000	12mm	15 mm	70 mm	55 mm

für Neugeborene
for newbornes
pour nouveau-nés
para recién nacidos
per neonati

Rippensperrer
Rib retractors
Ecarteurs des côtes
Separadores costales
Divaricatori costali

TC





COOLEY

Aluminium				
	a	b	c	d
15-137-115	15 mm	30 mm	115 mm	80 mm

für Kinder, Sternotomiespreizer, leicht aber trotzdem kräftig
for children, sternal spreader, light-weight but sturdy
pour enfants, écarteur sternal, léger mais fort
para niños, separador e sternal, ligero y fuerte
per bambini, divaricatore sternale, legero ma forte

COOLEY

Aluminium				
	a	b	c	d
15-137-010	12 mm	17 mm	95 mm	55 mm

für Neugeborene
for newbornes
pour nouveau-nés
para recién nacidos
per neonati

COOLEY

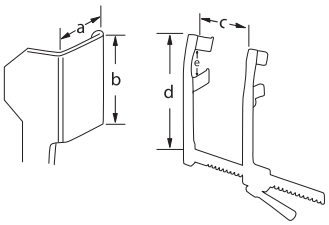
Aluminium				
	a	b	c	d
15-137-050	15 mm	20 mm	100 mm	80 mm

für Säuglinge, Sternotomiespreizer mit Dornen
for infants, sternal spreader with prongs
pour nourissons, écarteur sternal avec poinçons
para lactantes, separador e sternal con espigas
per lattanti, divaricatore sternale con spine

Rippensperrer
Rib retractors
Ecarteurs des côtes
Separadores costales
Divaricatori costali

TC





MORSE STERNAL

Aluminium				
	a	b	c	d
15-138-001	20 mm	20 mm	155 mm	120 mm

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

MORSE STERNAL

Aluminium				
	a	b	c	d
15-138-002	20 mm	28 mm	210 mm	155 mm

mit 2 Paar beweglichen Valven, für Erwachsene, Biegung der Spreizarme zwischen Zahnstange und Valven
with 2 pairs movable blades, for adults, arms curved between rack and blades
avec 2 paires de valves mobiles, pour adultes, courbure entre la base et les valves
con 2 pares de valvas móviles, para adultos, curvado entre la base y las valvas
con 2 paia di valve mobili, per adulti, branche curvate

MORSE STERNAL

Aluminium				
	a	b	c	d
15-138-003	40 mm	28 mm	155 mm	120 mm

mit 2 Paar beweglichen Valven, für Kinder, Biegung der Spreizarme zwischen Zahnstange und Valven
with 2 pairs movable blades, for children, arms curved between rack and blades
avec 2 paires de valves mobiles, pour enfants, courbure entre la base et les valves
con 2 pares de valvas móviles, para niños, curvado entre la base y las valvas
con 2 paia di valve mobili, per bambini, branche curvate

Rippensperrer
Rib retractors
Ecarteurs des côtes
Separadores costales
Divaricatori costali

TC

MORSE-FAVALORO STERNAL

Aluminium				
	a	b	c	d
15-138-004	40 mm	20 mm	155 mm	175 mm

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

MORSE-FAVALORO STERNAL

Aluminium				
	a	b	c	d
15-138-005	17 mm	22 mm	160 mm	120 mm

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

» Magen, Darm, Rektum

» Stomach, Intestines, Rectum

» Estomac, Intestins, Rectum

» Estómago, Intestinos, Recto

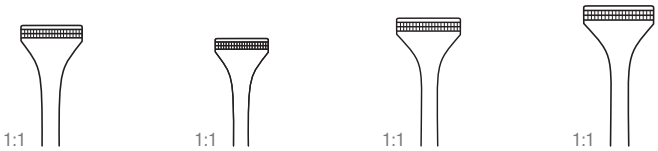
» Stomaco, Intestini, Retto

NJ ENTERPRISES



Gewebe- und Darmfasszangen
Tissue and intestinal holding forceps
Pinces intestinales et de tissue
Pinzas para tejidos y intestinos
Pinze per tessuti ed intestinali





ALLIS

			Atrauma	Atrauma	Atrauma	Atrauma
155 mm – 6 "	16-101-155	16-102-155	16-103-160			
190 mm – 7 ½ "		16-102-190				
200 mm – 8 "				16-103-200		
230 mm – 9 "		16-102-230				
250 mm – 9 ¾ "					16-103-250	
300 mm – 12 "						16-103-300
Zähne Teeth Dents Dientes Denti	4 x 5	5 x 6				



ALLIS-BABY

140 mm – 5 ½ "	16-104-140
Zähne Teeth Dents Dientes Denti	4 x 5



ALLIS-ADAIR

155 mm – 6 "	16-105-150
Zähne Teeth Dents Dientes Denti	10 x 11



THOMS-ALLIS

200 mm – 8 "	16-106-200
Zähne Teeth Dents Dientes Denti	6 x 7

Gewebe- und Darmfasszangen
Tissue and intestinal holding forceps

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



BOYS-ALLIS 1:2

150 mm – 6 "	16-107-150

Zähne
Teeth
Dents
Dientes
Denti
5 x 6



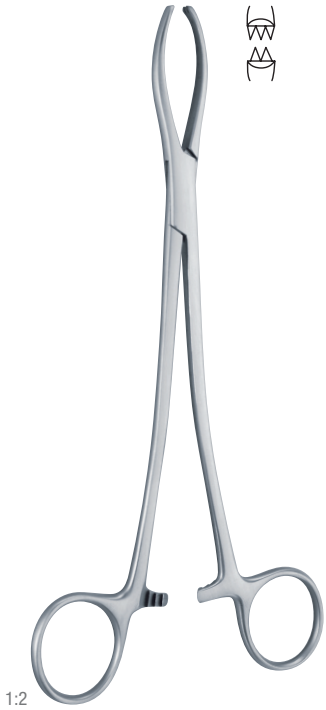
JUDD-ALLIS

150 mm – 6 "	16-108-150
190 mm – 7 ½ "	16-108-190

Zähne
Teeth
Dents
Dientes
Denti
3 x 4

Gewebe- und Darmfasszangen
Tissue and intestinal holding forceps

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



LITTLEWOOD

185 mm – 7 ¼ "	16-109-185

Zähne
Teeth
Dents
Dientes
Denti
2 x 3



LOCKWOOD

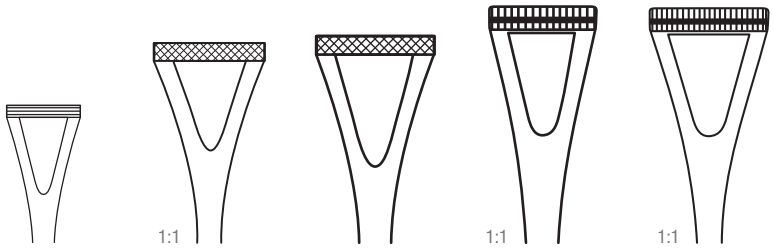
200 mm – 8 "	16-110-200



WILLIAMS

160 mm – 6 ¼ "	16-111-160





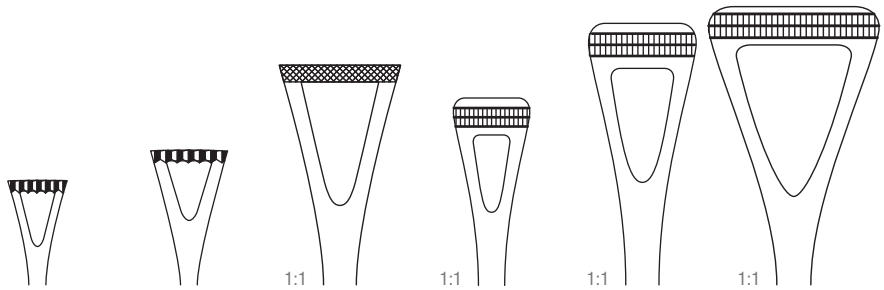
BABCOCK

		TC	TC	Atrauma	Atrauma
160 mm – 6 ¼ "	16-112-160	16-113-160		16-114-160	
180 mm – 7 "	16-112-180		16-113-180		
200 mm – 8 "	16-112-195		16-113-200		16-114-200
240 mm – 9 ½ "	16-112-240				

Gewebe- und Darmfasszangen
Tissue and intestinal holding forceps

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





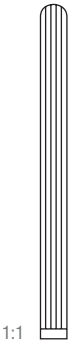
DUVAL

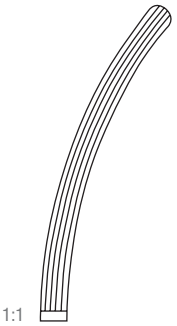
			TC	Atrauma	Atrauma	Atrauma
180 mm – 7 "	16-115-180			16-149-180		
200 mm – 8 "	16-117-014	16-117-028	16-119-200		16-149-200	
230 mm – 9 "		16-118-230				16-149-230

Darm- und Magenklemmen
Intestinal and stomach clamps

Pinces-clamps pour l'intestin et l'estomac
Pinzas-clamps para el intestino y el estómago
Pinze per intestino e stomaco


1:2


1:1

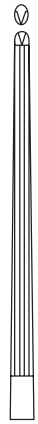

1:1

BABY-KOCHER

130 mm – 5 "	16-121-130	16-122-130

Darmklemme für Kinder, sehr elastisch
Intestinal clamp for children, very elastic blades
Pince intestinal pour enfants, très élastique
Pinza intestinal para niños, muy elástica
Pinza intestinale per bambini, molto elastica


1:2


1:1

ALLEN

155 mm – 6 "	16-123-160
200 mm – 8 "	16-123-200

Zähne 1 x 2
Teeth
Dents
Dientes
Denti

Darmklemme für Kinder
Intestinal clamp for children
Pince intestinal pour enfants
Pinza intestinal para niños
Pinza intestinale per bambini

Darm- und Magenklemmen
Intestinal and stomach clamps

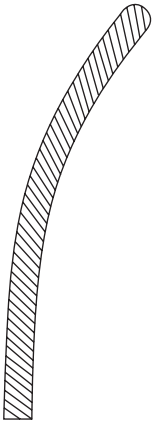
Pinces-clamps pour l'intestin et l'estomac
Pinzas-clamps para el intestino y el estómago
Pinze per intestino e stomaco



1:2



1:1



1:1

BABY-DOYEN

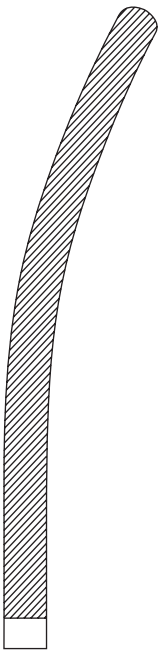
180 mm – 7 "	16-124-180	16-125-180
210 mm – 8 ¼ "	16-124-210	16-125-210



1:3



1:1

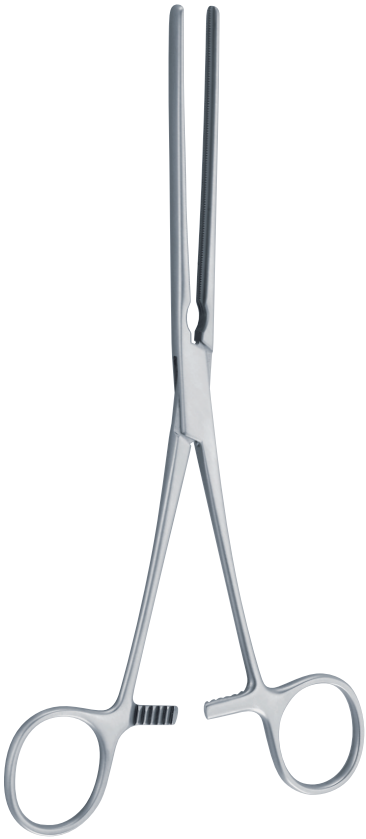


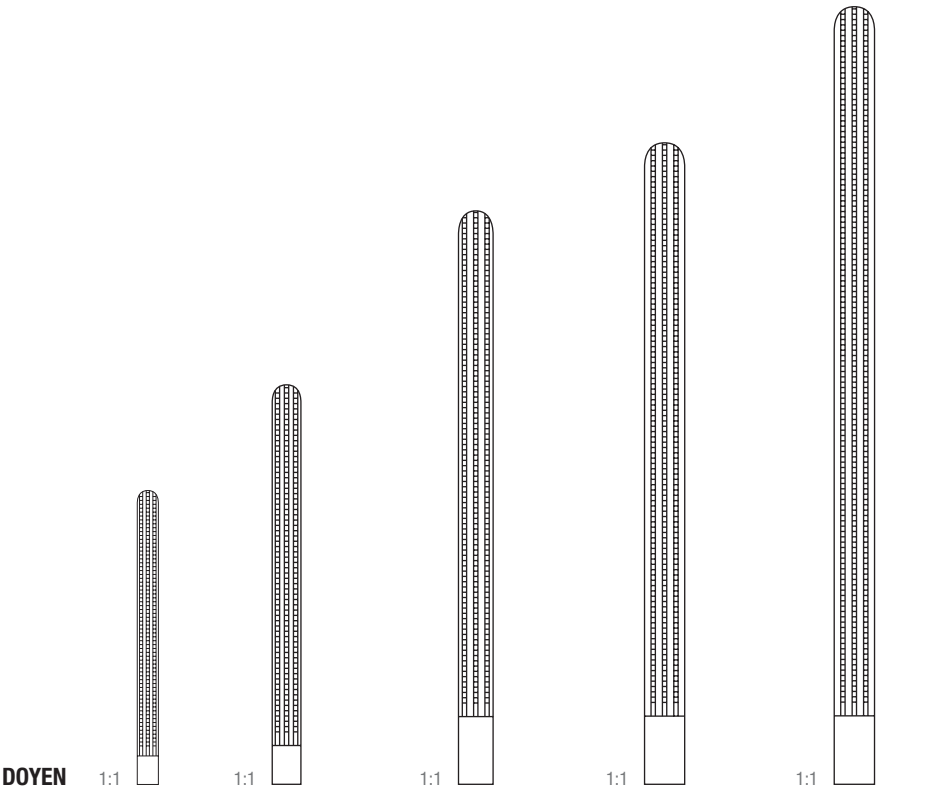
1:1

DOYEN

230 mm – 9 "	16-126-230	16-127-230

Darm- und Magenklemmen
Intestinal and stomach clamps
Pinces-clamps pour l'intestin et l'estomac
Pinzas-clamps para el intestino y el estómago
Pinze per intestino e stomaco



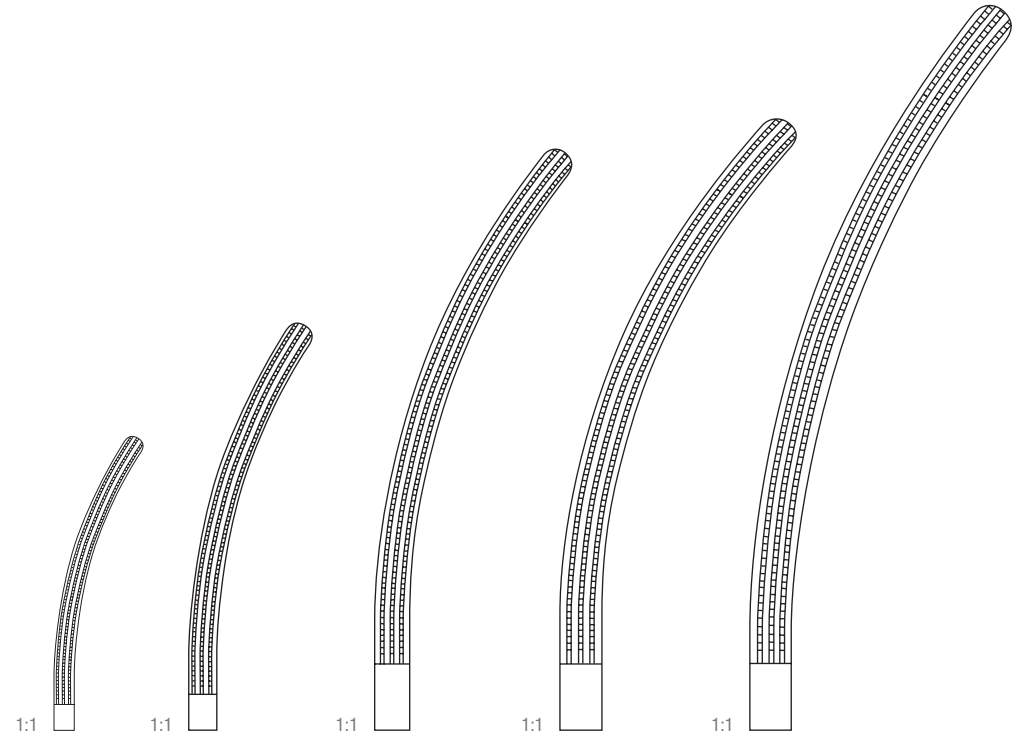


Atrauma	Atrauma	Atrauma	Atrauma	Atrauma
130 mm – 5 "	160 mm – 6 ¼ "	180 mm – 7 "	210 mm – 8 ¼ "	230 mm – 9 "
16-128-130	16-128-160	16-128-180	16-128-210	16-128-230

Darm- und Magenklemmen
Intestinal and stomach clamps

Pinces-clamps pour l'intestin et l'estomac
Pinzas-clamps para el intestino y el estómago
Pinze per intestino e stomaco





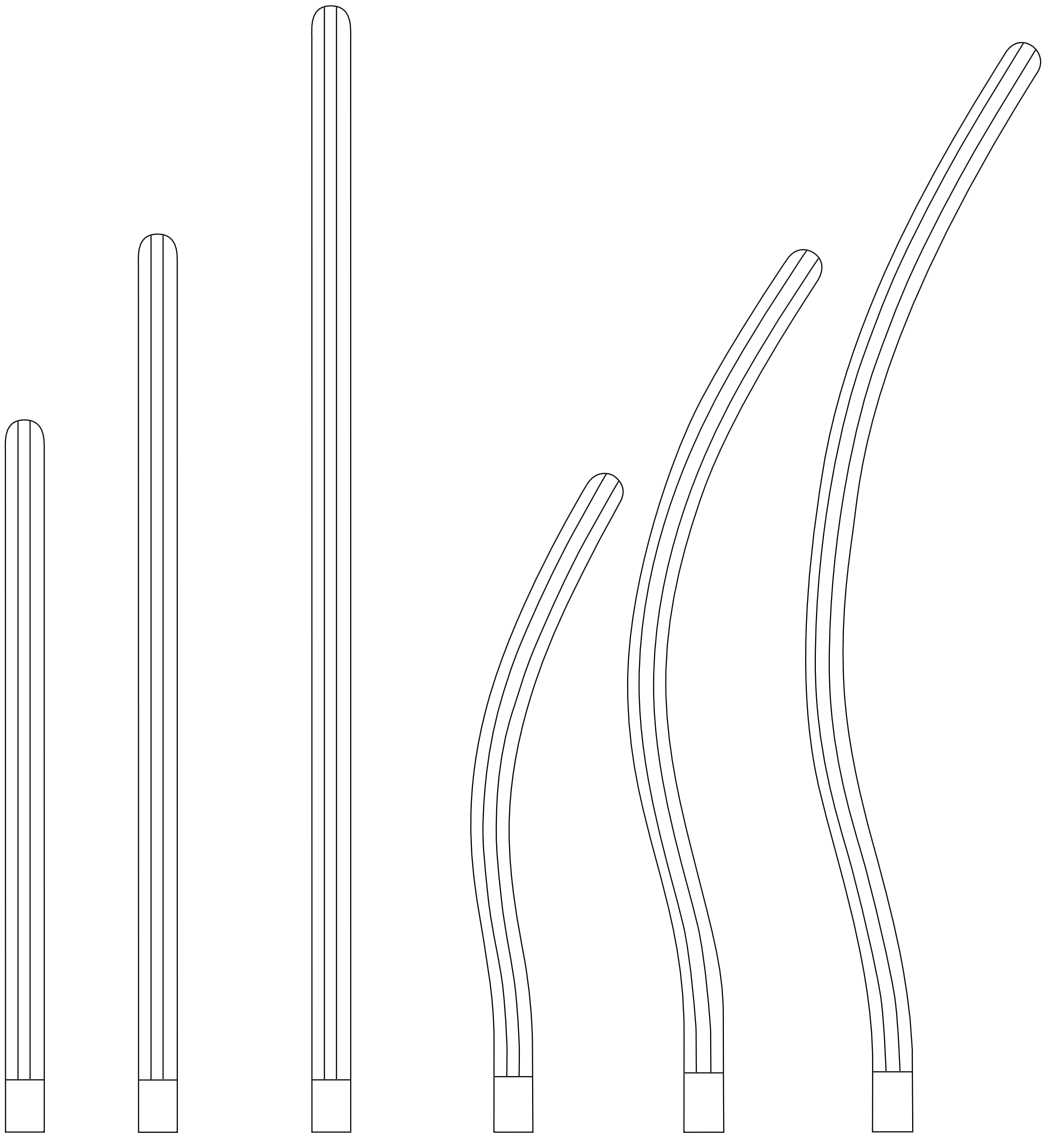
DOYEN

Atrauma	Atrauma	Atrauma	Atrauma	Atrauma
130 mm – 5 "	160 mm – 6 ¼ "	180 mm – 7 "	210 mm – 8 ¼ "	230 mm – 9 "
16-129-130	16-129-160	16-129-180	16-129-210	16-129-230

Darm- und Magenklemmen
Intestinal and stomach clamps

Pinces-clamps pour l'intestin et l'estomac
Pinzas-clamps para el intestino y el estómago
Pinze per intestino e stomaco





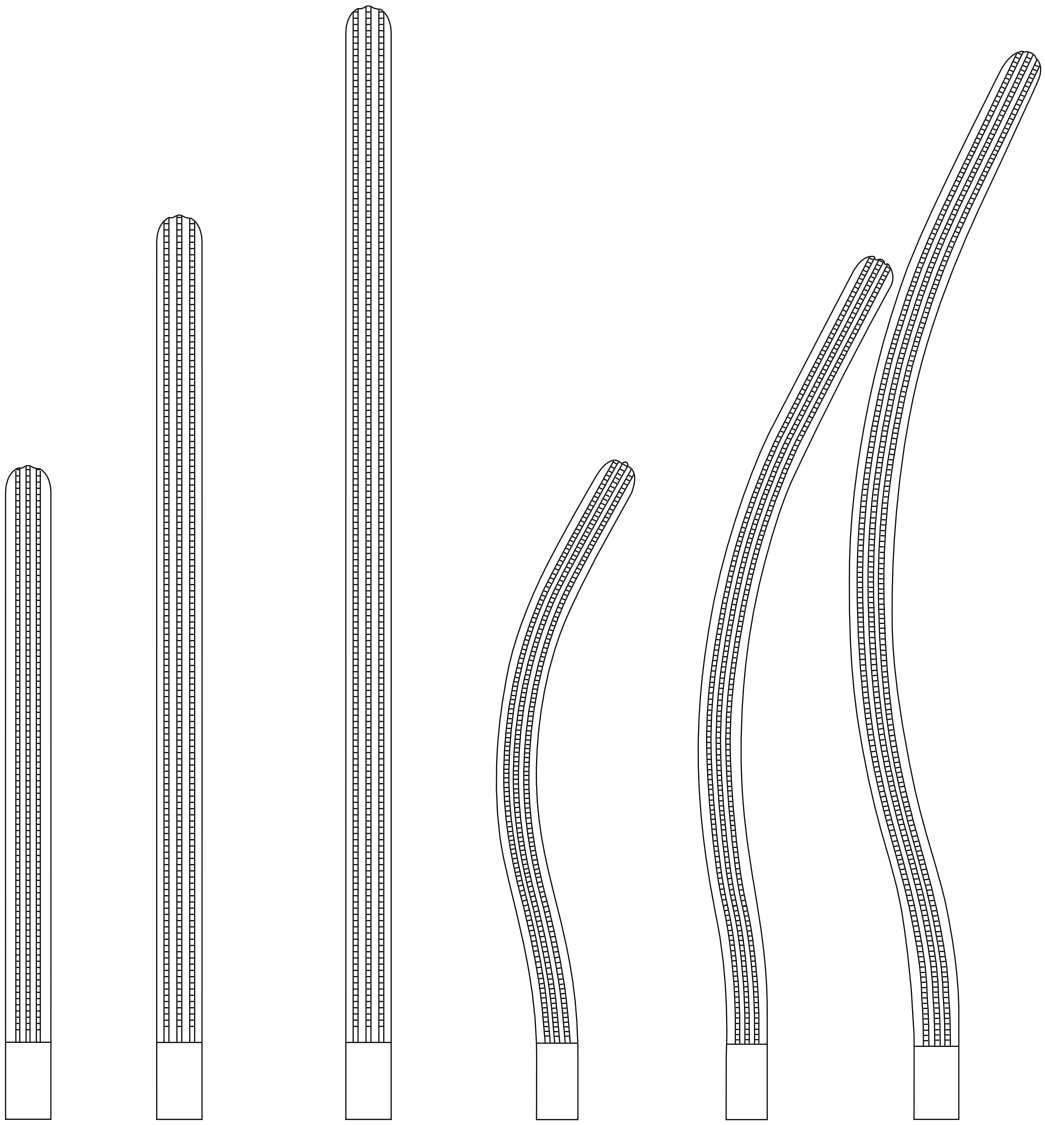
KOCHER

220 mm – 8 ¾ "	250 mm – 9 ¾ "	280 mm – 11 "	220 mm – 8 ¾ "	250 mm – 9 ¾ "	280 mm – 11 "
16-130-220	16-130-250	16-130-280	16-131-220	16-131-250	16-131-280

Darm- und Magenklemmen
Intestinal and stomach clamps

Pinces-clamps pour l'intestin et l'estomac
Pinzas-clamps para el intestino y el estómago
Pinze per intestino e stomaco





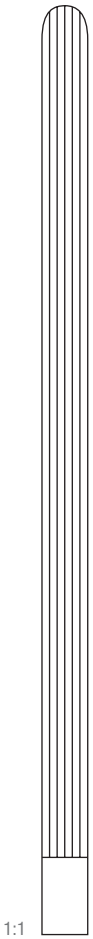
KOCHER

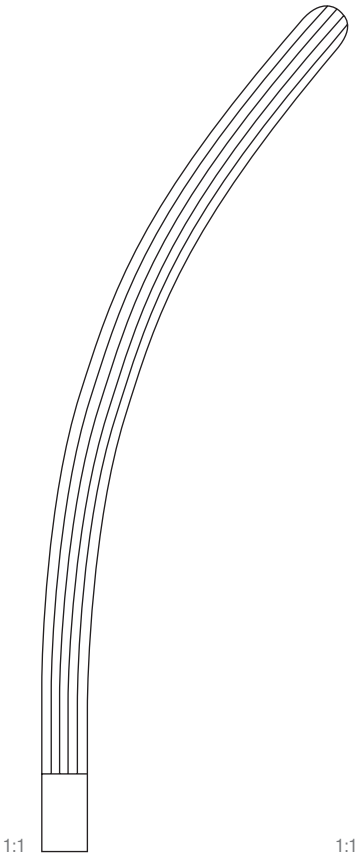
Atrauma	Atrauma	Atrauma	Atrauma	Atrauma	Atrauma
220 mm – 8 ¾ "	250 mm – 9 ¾ "	280 mm – 11 "	220 mm – 8 ¾ "	250 mm – 9 ¾ "	280 mm – 11 "
16-132-220	16-132-250	16-132-280	16-133-220	16-133-250	16-133-280

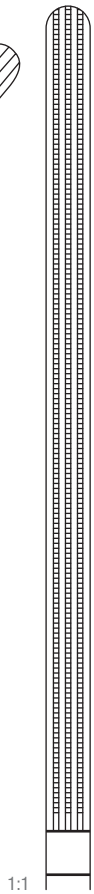
Darm- und Magenklemmen
Intestinal and stomach clamps

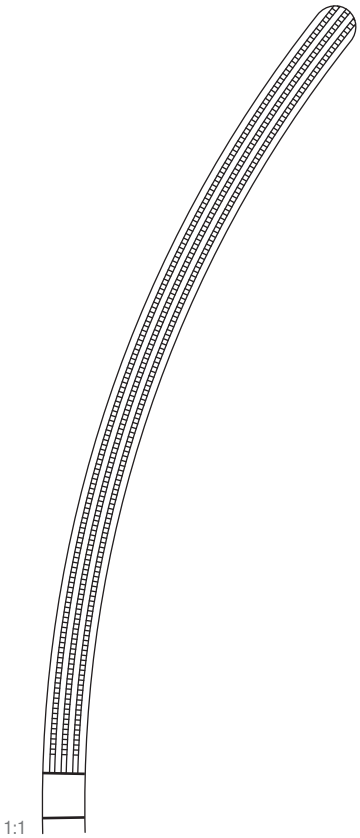
Pinces-clamps pour l'intestin et l'estomac
Pinzas-clamps para el intestino y el estómago
Pinze per intestino e stomaco


1:2


1:1


1:1


1:1


1:1

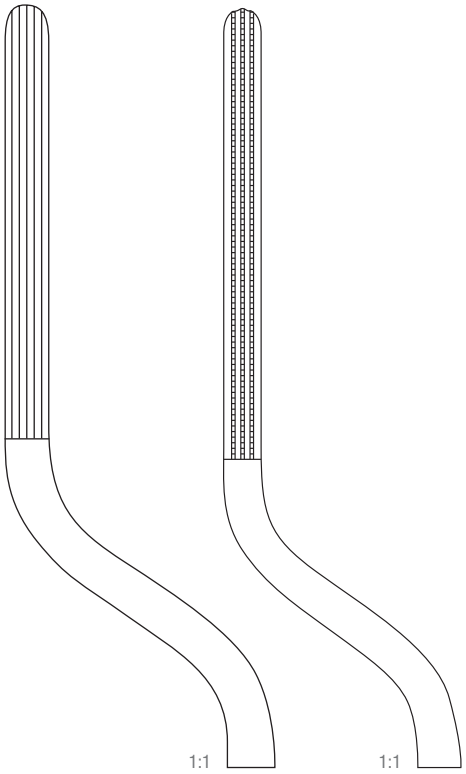
MAYO-ROBSON

			Atrauma	Atrauma
230 mm – 9 "	16-134-230	16-135-230		
250 mm – 9 ¾ "	16-136-250	16-137-250	16-138-250	16-139-250

Darm- und Magenklemmen
Intestinal and stomach clamps

Pinces-clamps pour l'intestin et l'estomac
Pinzas-clamps para el intestino y el estómago
Pinze per intestino e stomaco


1:2


1:1 1:1

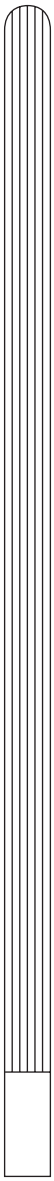
BRUNNER

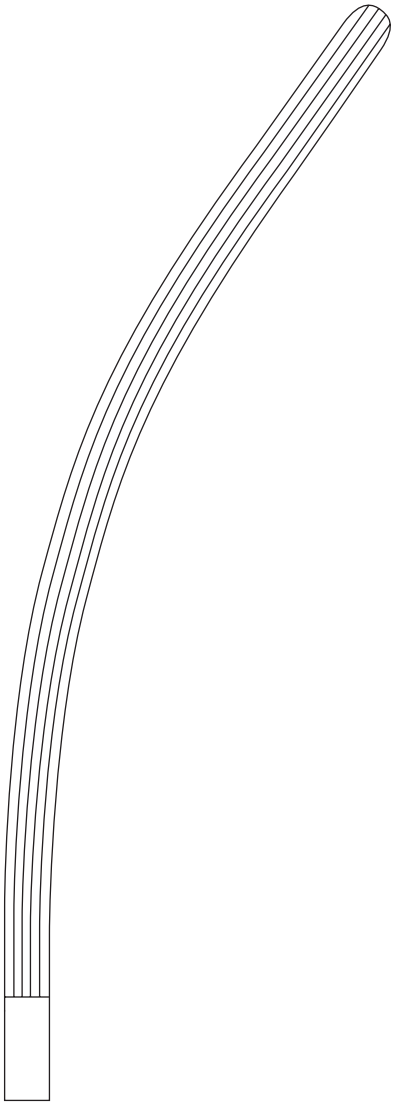
		Atrauma
240 mm – 9 ½ "	16-140-240	16-141-240

Darm- und Magenklemmen
Intestinal and stomach clamps

Pinces-clamps pour l'intestin et l'estomac
Pinzas-clamps para el intestino y el estómago
Pinze per intestino e stomaco


1:2


1:1

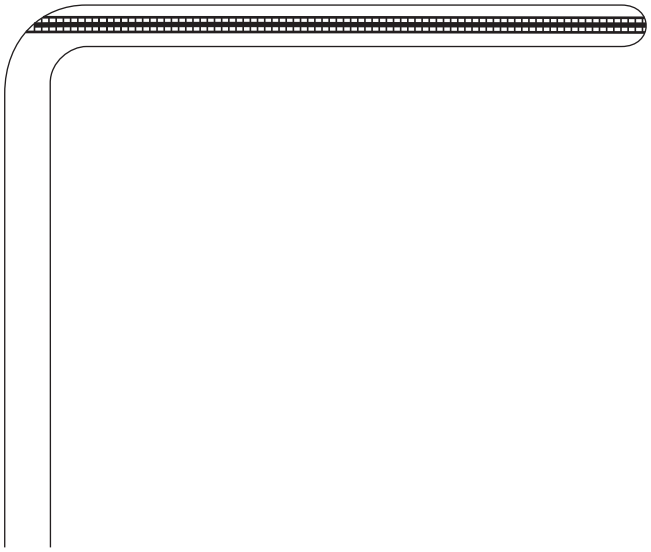

1:1

LANE		
300 mm – 12 "	16-142-300	16-143-300

Darm- und Magenklemmen
Intestinal and stomach clamps

Pinces-clamps pour l'intestin et l'estomac
Pinzas-clamps para el intestino y el estómago
Pinze per intestino e stomaco





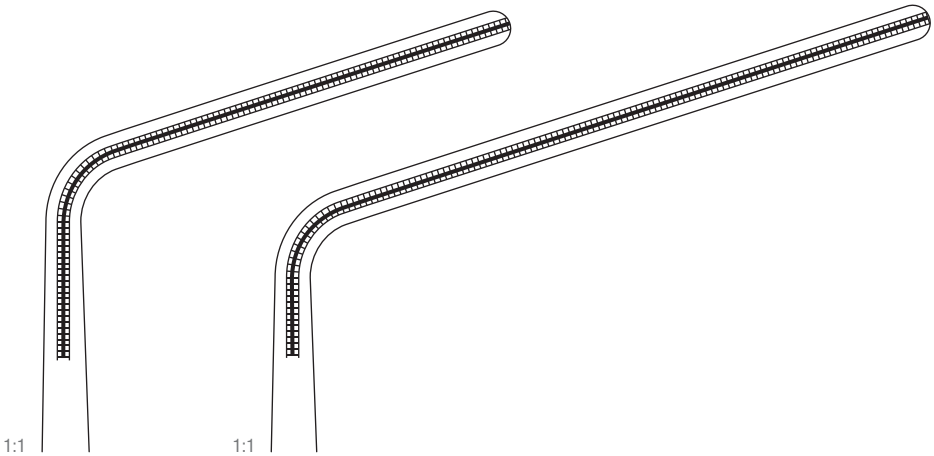
RESANO

	Atrauma
300 mm – 12 "	16-144-300

Rektum-Anastomosenklemmen
Sigmoid anastomosis forceps

Pinces pour anastomoses rectales
Pinzas para anastomósis rectales
Pinze per anastomosi rettali

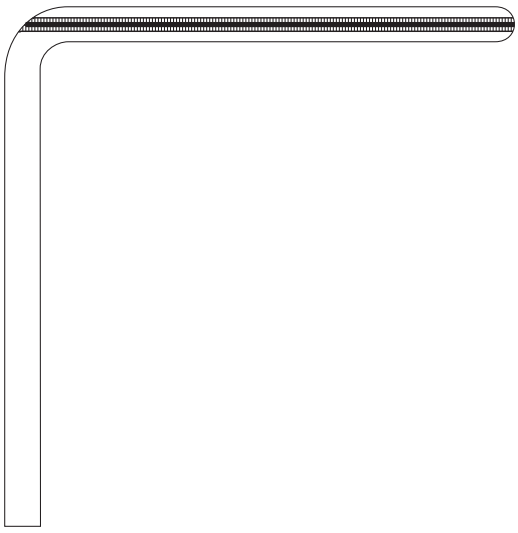




HAYES

Atrauma	Atrauma
260 mm – 10 ¼ "	280 mm – 11 "
16-145-260	16-145-280





FEHLAND

		Atrauma
230 mm – 9 "	16-146-230	16-147-230

organfasszangen
Organ grasping forceps

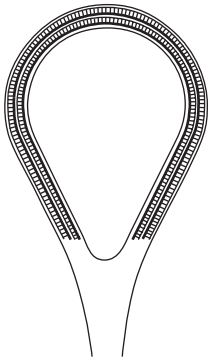
Pinces pour saisir des organes
Pinzas para sacar órganos
Pinze per afferrare organi


1:2



	Atrauma
250 mm – 9 ¾ "	16-148-250

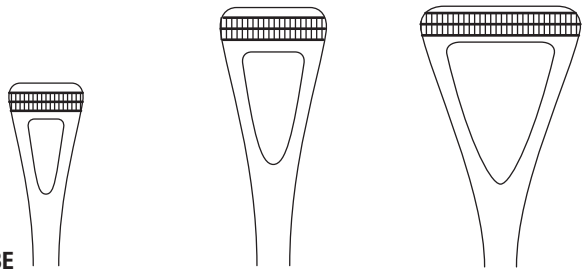
Organfasszange mittel, 250 mm
Organ grasping forceps medium, 250 mm
Pince medium pour saisir des organes, 250 mm
Pinza mediano para sacar órganos, 250 mm
Pinze per afferrare organi, 250 mm



	Atrauma
260 mm – 10 ¼ "	16-148-260

Organfasszange mittel, 250 mm
Organ grasping forceps medium, 250 mm
Pince medium pour saisir des organes, 250 mm
Pinza mediano para sacar órganos, 250 mm
Pinze per afferrare organi, 250 mm


1:2



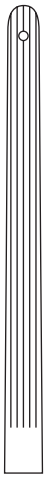
SCHEIBE

Atrauma	Atrauma	Atrauma
180 mm – 7 "	200 mm – 8 "	230 mm – 9 "
16-149-180	16-149-200	16-149-230
schmal narrow étroit estrecho stretto	mittel medium moyen mediano medio	breit wide large ancho largo

Darmquetschklemmen
Intestinal and pylorus clamps
Ecraseur pour l'intestin
Pinzas intestinales para píloro
Schiacciatori intestinali



1:2



1:1

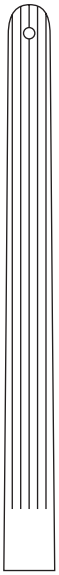
PAYR-BABY

150 mm – 6 "	16-150-150

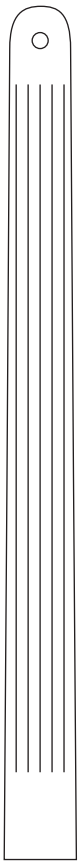
mit Stift
with pin
avec cheville
con perno
con perno



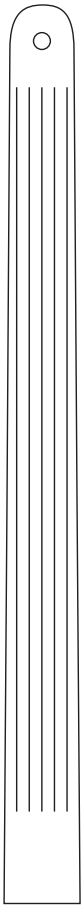
1:2



1:1



1:1



1:1

PAYR

210 mm – 8 ¼ "	290 mm – 11 ½ "	350 mm 13 ¾ "
16-152-210	16-151-290	16-153-350

mit Stift
with pin
avec cheville
con perno
con perno

Darm- und Anastomosenklemmen
Intestinal and anastomosis clamp forceps

Pinces-clamps intestinales et à anastomose
Pinzas-clamps intestinales y para anastomósis
Pinze intestinali e per anastomosi



1:2

DE MARTEL-WOLFSON

85 mm – 3 ¼ "	16-154-085



1:2

DE MARTEL-WOLFSON

230 mm – 9 "	16-154-230



1:2

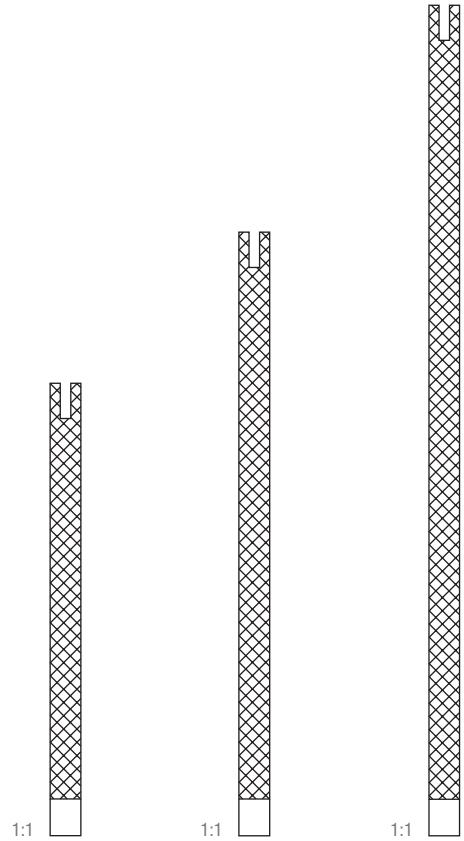
DE MARTEL-WOLFSON

260 mm – 10 ¼ "	16-155-260

info@nj-ent.com
www.nj-ent.com

Darm- und Anastomosenklemmen
Intestinal and anastomosis clamp forceps
Pinces-clamps intestinales et à anastomose
Pinzas-clamps intestinales y para anastomósis
Pinze intestinali e per anastomosi


1:2


1:1 1:1 1:1

DE MARTEL-
WOLFSON

50 mm – 2 "	70 mm – 2 ¾ "	100 mm – 4 "
16-156-050	16-156-070	16-156-100

Satz mit 3 Klemmen
Set of 3 clamps
Jeu de 3 clamps
Juego de 3 pinzas
Serie di 3 pezzi

Mastdarm-spekula
Rectal specula

Spéculums pour le rectum
Espéculos rectales
Specoli rettali



SIMS 1:2 1:2

	x = 80 mm x 15 mm	x = 80 mm x 15 mm	x = 80 mm x 15 mm
150 mm – 6 "	16-158-150	16-157-150	16-159-150

mit Kaltlichtaufsatz
with F.O. light carrier
avec support lumière froide
con guía de luz fría
con supporto per luce fredda



MATHIEU 1:2

	x = 90 mm
195 mm – 7 ¾ "	16-160-195

Mastdarm-spekula
Rectal specula

Spéculums pour le rectum
Espéculos rectales
Specoli rettali



PRATT 1:2

	x = 80 mm x 25 mm
205 mm – 8 "	16-161-000



CZERNY 1:2

	x = 110 mm x 25 mm
220 mm – 8 ¾ "	16-162-220

Anuskope – sphinkteroskope
Anuscopes – Sphincteroscopes
Anuscopes – Sphinctéroscopes
Anoscopios – Esfínteroscopios
Anoscopi – Sfinteroscopi



IVES-FANSLER 1:2

	x = 90 mm	x = 90 mm
22 mm Ø	16-163-220	16-164-650

mit Kaltlichtaufsatz
with F.O. light carrier
avec support lumière froide
con guía de luz fría
con supporto per luce fredda



KELLY

	x = 50 mm
21 mm Ø	16-165-001
27 mm Ø	16-165-002



BENSAUDE

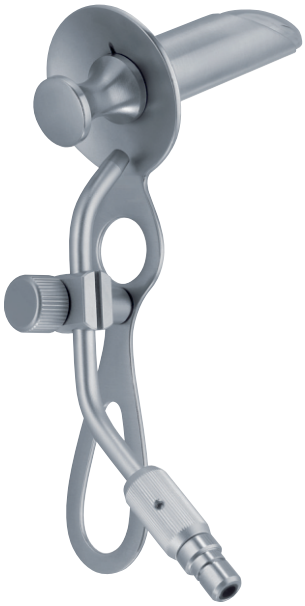
	185 mm – 7 ¼ "
	x = 55 mm
19 mm Ø	16-166-010
22 mm Ø	16-166-020

Anuskope – sphinkteroskope
Anuscopes – Sphincteroscopes
Anuscopes – Sphinctéroscopes
Anoscopios – Esfínteroscopios
Anoscopi – Sfinteroscopi



HIRSCHMANN

16 mm Ø	x = 65 mm	16-167-001
19 mm Ø	x = 65 mm	16-167-002
22 mm Ø	x = 65 mm	16-167-003



HIRSCHMANN

16 mm Ø	16-168-001
19 mm Ø	16-168-002
24 mm Ø	16-168-003
25 mm Ø	16-168-004

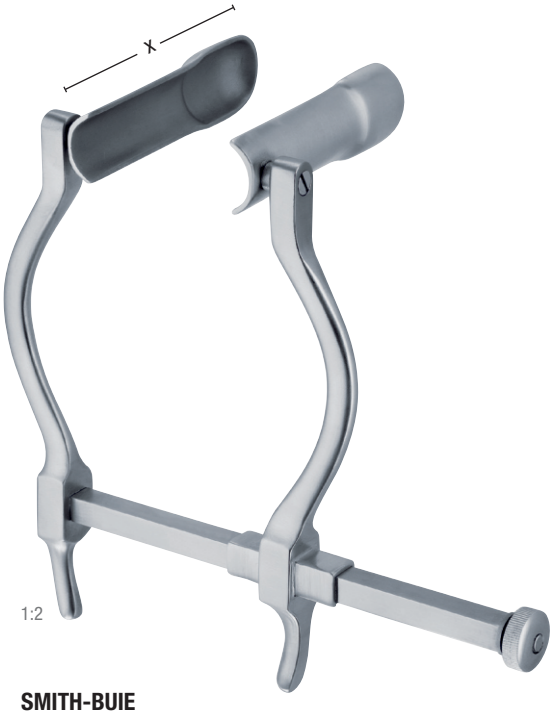
mit Kaltlicht
with F.O. light
avec lumière froide
con de luz fría
con per luce fredda

16-169-000

Kaltlichtadapter, ALLGAIER / Storz Anschluss
Cold light, ALLGAIER / Storz connector
Adapteur lum. froide, connection ALLGAIER / Storz
Adaptator luz fría, connección ALLGAIER / Storz
Adattatore luce freddo, attacco ALLGAIER / Storz

Analspreizer
Rectal specula

Spéculums pour le rectum
Espéculos rectales
Divaricatore anale



SMITH-BUIE

	x = 75 mm x 23 mm
150 mm – 6 "	16-170-150

Max. Spreizweite 115 mm
Max. spreed 115 mm
Écartement maximal 115 mm
Apertura máxima 115 mm
Apertura massima 115 mm

Analspreizer
Rectal specula

Spéculums pour le rectum
Espéculos rectales
Divaricatore anale



1:2

ALAN PARKS

140 mm – 5 ½ "	16-171-000

komplett mit 2 Paar Valven und 1 Mittelvalve
complete with 2 pair of blades and 1 center blade
complet avec 2 paires des valves et 1 valve centrale
completo con 2 juegos de valvas y 1 valva central
completo con 2 paia di valve e 1 valva centrale

22 mm x 75 mm	16-171-070

Seitenvalven alleine (Paar)
Lateral blades only (pair)
Valves latérales seules (paire)
Valvas laterales solas (par)
Valve laterali solo (paio)

22 mm x 95 mm	16-171-090

Seitenvalven alleine (Paar)
Lateral blades only (pair)
Valves latérales seules (paire)
Valvas laterales solas (par)
Valve laterali solo (paio)

25 mm x 95 mm	16-171-093

Seitenvalven alleine (Paar)
Lateral blades only (pair)
Valves latérales seules (paire)
Valvas laterales solas (par)
Valve laterali solo (paio)



1:2

ALAN PARKS

140 mm – 5 ½ "	16-172-000

komplett mit 2 Paar Valven und 1 Mittelvalve, mit Kaltlichtanschluss ALLGAIER / Wolf
complete with 2 pair of blades and 1 center blade, with cold light connector ALLGAIER / Wolf
complet avec 2 paires des valves et 1 valve centrale, avec raccord de lum. froide ALLGAIER / Wolf
completo con 2 juegos de valvas y 1 valva central, con connector de luz fría ALLGAIER / Wolf
completo con 2 paia di valve e 1 valva centrale, con attacco di luce fredda ALLGAIER / Wolf

16-172-002

Kaltlicht-Aufsatz alleine
F.O. light carrier only
Support lumière froide seule
Soporte de luz fría sola
Supporto per luce fredda solo

16-171-001

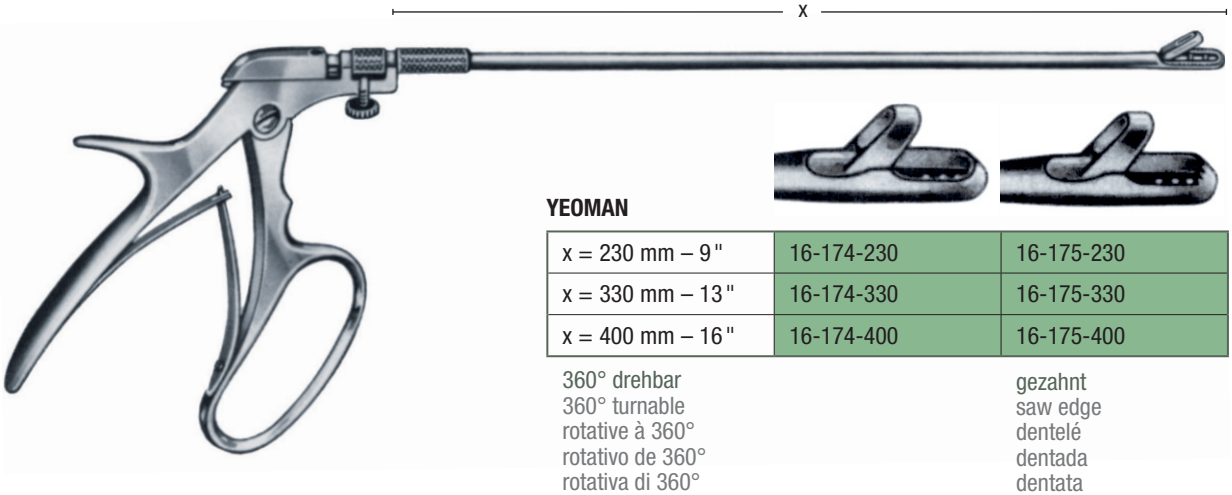
Sperrer alleine
Specula only
Speculum seules
Espéculo sola
Divaricatore solo

16-171-002

Mittelvalve alleine
Central blade only
Valve centrale seule
Valva central sola
Valva centrale solo

Mastdarm-Biopsiezangen
Rectal biopsy forceps

Pinces pour la biopsie rectale
Pinzas para biopsia rectal
Pinze taglienti per biopsia rettale



YEOMAN

x = 230 mm – 9 "	16-174-230	16-175-230
x = 330 mm – 13 "	16-174-330	16-175-330
x = 400 mm – 16 "	16-174-400	16-175-400

360° drehbar
360° turnable
rotative à 360°
rotativo de 360°
rotativa di 360°

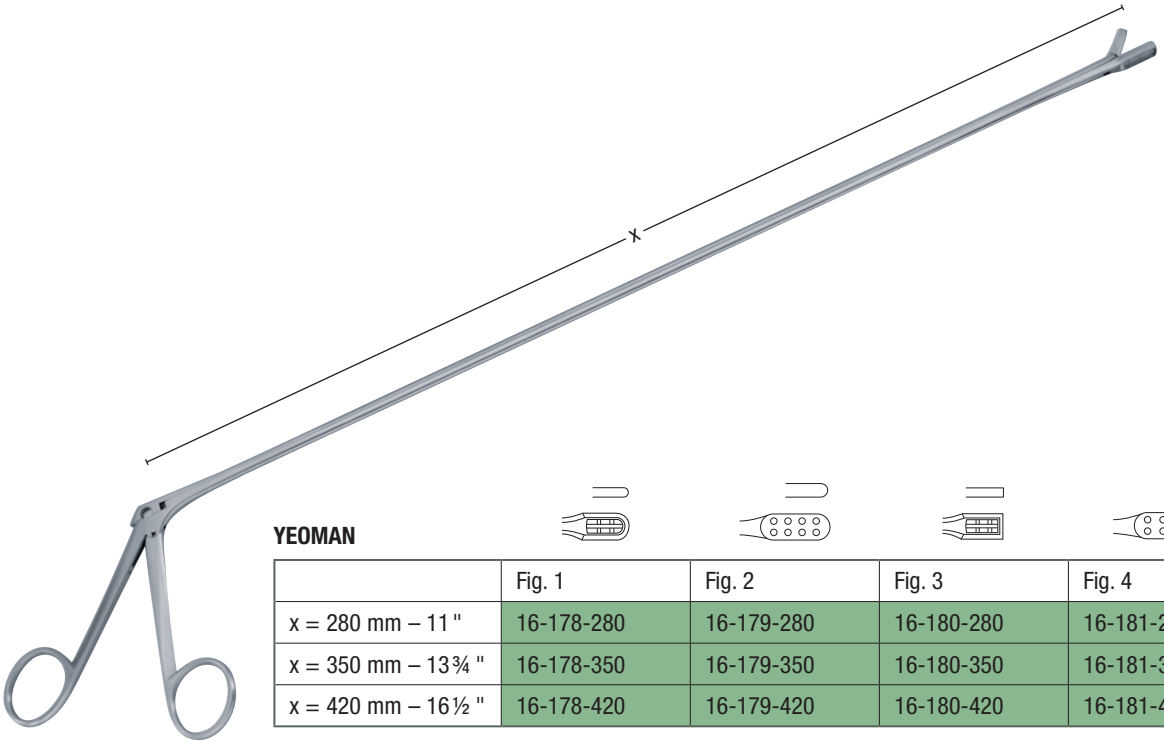
gezahnt
saw edge
dentelé
dentada
dentata

TURREL

x = 230 mm – 9 "	16-176-230	16-177-230
x = 330 mm – 13 "	16-176-330	16-177-330
x = 400 mm – 16 "	16-176-400	16-177-400

360° drehbar
360° turnable
rotative à 360°
rotativo de 360°
rotativa di 360°

gezahnt
saw edge
dentelé
dentada
dentata



YEOMAN

	Fig. 1	Fig. 2	Fig. 3	Fig. 4
x = 280 mm – 11 "	16-178-280	16-179-280	16-180-280	16-181-280
x = 350 mm – 13¾ "	16-178-350	16-179-350	16-180-350	16-181-350
x = 420 mm – 16½ "	16-178-420	16-179-420	16-180-420	16-181-420

Flexible zangen
Flexible forceps
Pinces flexibles
Pinzas flexibles
Pinze flessibili





	1.8 mm Ø	2.1 mm Ø	2.3 mm Ø	2.5 mm Ø	3.0 mm Ø	3.4 mm Ø
120 cm – 47 ¼"	AFF16-182-120	AFF16-183-120	AFF16-184-120	AFF16-185-120		
160 cm – 63"	AFF16-182-160	AFF16-183-160	AFF16-184-160	AFF16-185-160		
180 cm – 70 ¾"	AFF16-182-180	AFF16-183-180	AFF16-184-180	AFF16-185-180	AFF16-186-180	AFF16-187-180
230 cm – 90 ½"	AFF16-182-230	AFF16-183-230	AFF16-184-230	AFF16-185-230	AFF16-186-230	AFF16-187-230



	1.8 mm Ø	2.1 mm Ø	2.3 mm Ø	2.5 mm Ø	3.0 mm Ø	3.4 mm Ø
120 cm – 47 ¼"	AFF16-188-120	AFF16-189-120	AFF16-190-120	AFF16-191-120		
160 cm – 63"	AFF16-188-160	AFF16-189-160	AFF16-190-160	AFF16-191-160		
180 cm – 70 ¾"	AFF16-188-180	AFF16-189-180	AFF16-190-180	AFF16-191-180	AFF16-192-180	AFF16-193-180
230 cm – 90 ½"	AFF16-188-230	AFF16-189-230	AFF16-190-230	AFF16-191-230	AFF16-192-230	AFF16-193-230



	1.0 mm Ø	1.4 mm Ø	1.6 mm Ø	1.8 mm Ø	2.1 mm Ø	2.3 mm Ø
120 cm – 47 ¼"	AFF16-194-120	AFF16-195-120	AFF16-196-120	AFF16-197-120	AFF16-198-120	AFF16-199-120
160 cm – 63"	AFF16-194-160	AFF16-195-160	AFF16-196-160	AFF16-197-160	AFF16-198-160	AFF16-199-160
180 cm – 70 ¾"	AFF16-194-180	AFF16-195-180	AFF16-196-180	AFF16-197-180	AFF16-198-180	AFF16-199-180
230 cm – 90 ½"	AFF16-194-230	AFF16-195-230	AFF16-196-230	AFF16-197-230	AFF16-198-230	AFF16-199-230



	1.8 mm Ø	2.1 mm Ø	2.3 mm Ø
120 cm – 47 ¼"	AFF16-200-120	AFF16-201-120	AFF16-202-120
160 cm – 63"	AFF16-200-160	AFF16-201-160	AFF16-202-160
180 cm – 70 ¾"	AFF16-200-180	AFF16-201-180	AFF16-202-180
230 cm – 90 ½"	AFF16-200-230	AFF16-201-230	AFF16-202-230

Flexible Zangen
Flexible forceps
Pinces flexibles
Pinzas flexibles
Pinze flessibili





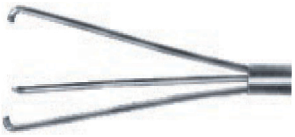
	1.8 mm Ø	2.1 mm Ø	2.3 mm Ø
120 cm – 47 ¼ "	AFF16-203-120	AFF16-204-120	AFF16-205-120
160 cm – 63 "	AFF16-203-160	AFF16-204-160	AFF16-205-160
180 cm – 70 ¾ "	AFF16-203-180	AFF16-204-180	AFF16-205-180
230 cm – 90 ½ "	AFF16-203-230	AFF16-204-230	AFF16-205-230



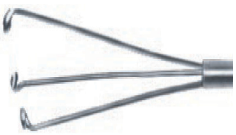
	1.0 mm Ø	1.4 mm Ø	1.6 mm Ø	1.8 mm Ø	2.3 cm Ø	3.0 cm Ø
120 cm – 47 ¼ "	AFF16-206-120	AFF16-207-120	AFF16-208-120	AFF16-209-120	AFF16-210-120	
160 cm – 63 "	AFF16-206-160	AFF16-207-160	AFF16-208-160	AFF16-209-160	AFF16-210-160	
180 cm – 70 ¾ "	AFF16-206-180	AFF16-207-180	AFF16-208-180	AFF16-209-180	AFF16-210-180	AFF16-211-180
230 cm – 90 ½ "	AFF16-206-230	AFF16-207-230	AFF16-208-230	AFF16-209-230	AFF16-210-230	AFF16-211-230



	1.8 mm Ø	2.3 mm Ø	3.0 mm Ø
120 cm – 47 ¼ "	AFF16-212-120	AFF16-213-120	
160 cm – 63 "	AFF16-212-160	AFF16-213-160	
180 cm – 70 ¾ "	AFF16-212-180	AFF16-213-180	AFF16-214-180
230 cm – 90 ½ "	AFF16-212-230	AFF16-213-230	AFF16-214-230

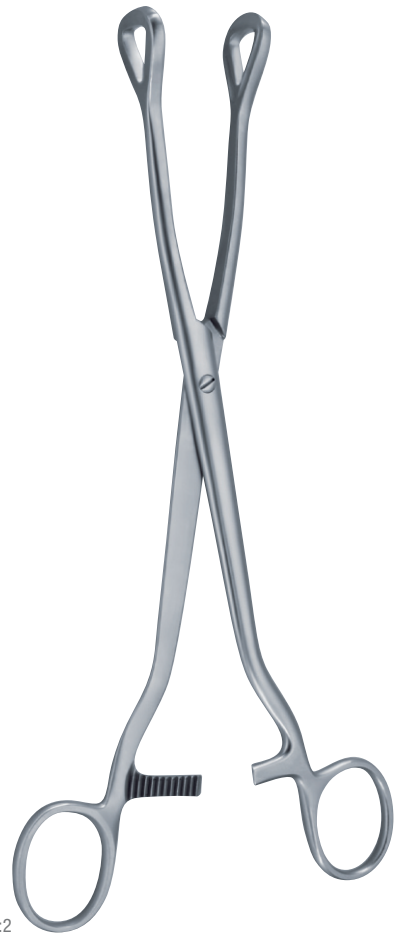


	1.0 mm Ø	1.8 mm Ø	2.3 mm Ø
120 cm – 47 ¼ "	AFF16-215-120	AFF16-216-120	AFF16-217-120
160 cm – 63 "	AFF16-215-160	AFF16-216-160	AFF16-217-160
180 cm – 70 ¾ "	AFF16-215-180	AFF16-216-180	AFF16-217-180
230 cm – 90 ½ "	AFF16-215-230	AFF16-216-230	AFF16-217-230

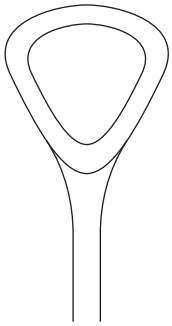


	1.8 mm Ø	2.3 mm Ø
120 cm – 47 ¼ "	AFF16-218-120	AFF16-219-120
160 cm – 63 "	AFF16-218-160	AFF16-219-160
180 cm – 70 ¾ "	AFF16-218-180	AFF16-219-180
230 cm – 90 ½ "	AFF16-218-230	AFF16-219-230

hämorrhoidal-zangen
Haemorrhoidal forceps
Pinces hémorroidales
Pinzas hemorroidales
Pinze emorroidali



1:2



LUER

245 mm – 9 ¾ "	16-220-240



1:2

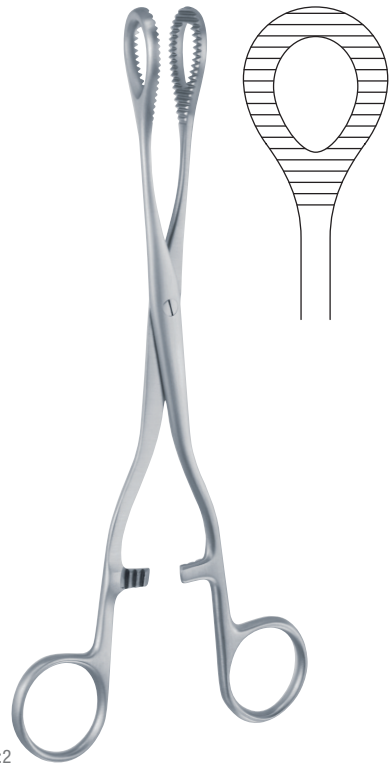


1:2

MCGIVNEY

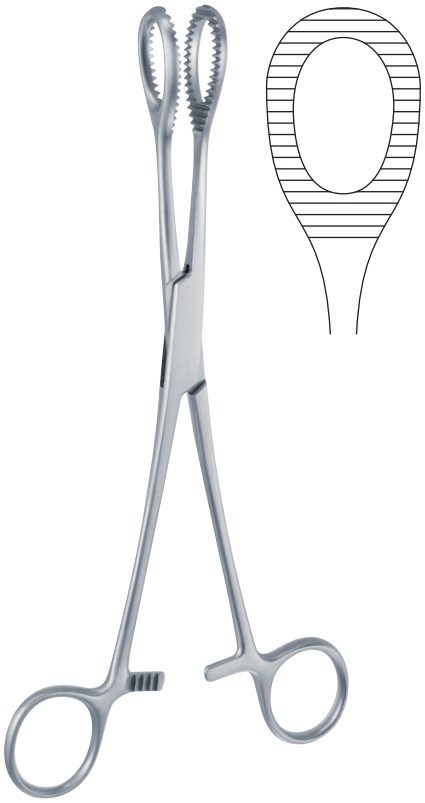
190 mm – 7 ½ "	16-221-001	16-221-002
	1 x gebogen single curved courbé simple curvado simple curvatura singola	2 x gebogen double curved courbé double curvado doble curvatura doppia

Polypenfasszangen
Polypus grasping forceps
Pinces pour saisir les polypes
Pinzas para coger pólipos
Pinze per afferrare polipi



HEYWOOD-SMITH 1:2

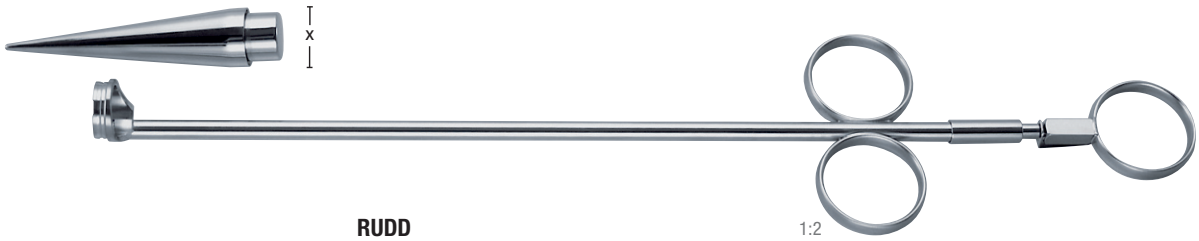
200 mm – 8 "	16-222-210



HEYWOOD-SMITH 1:2

210 mm – 8 ¼ "	16-223-210

hämorrhoidal-ligatoren
Haemorrhoidal ligators
Ligateurs hémorroídales
Ligadores hemorroidales
Legatori emorroidali



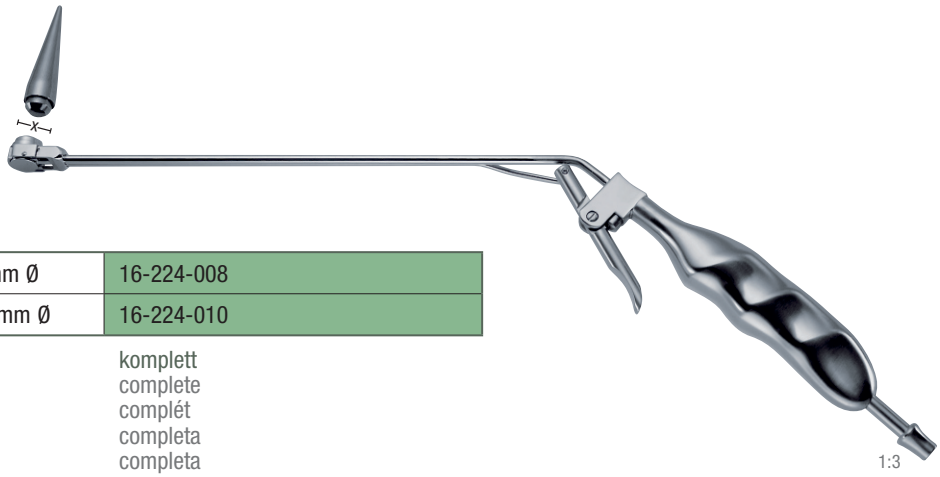
RUDD

	x = 12 mm Ø	x = 12 mm Ø
315 mm – 12 ½ "	16-227-000	16-227-020
	komplett complete complét completa completa	Ladekegel allein Cone piece only Cône seule Cono sólo Cono solo

16-226-000

Gummiringe, Packung à 100 Stück
Rubber rings, package of 100 pieces
Anneaux de caoutchouc à ligatures, paquet de 100 pièces
Anillos de goma para ligaduras, paquete de 100 piezas
Anelli di gomma, pacchetto di 100 pezzi

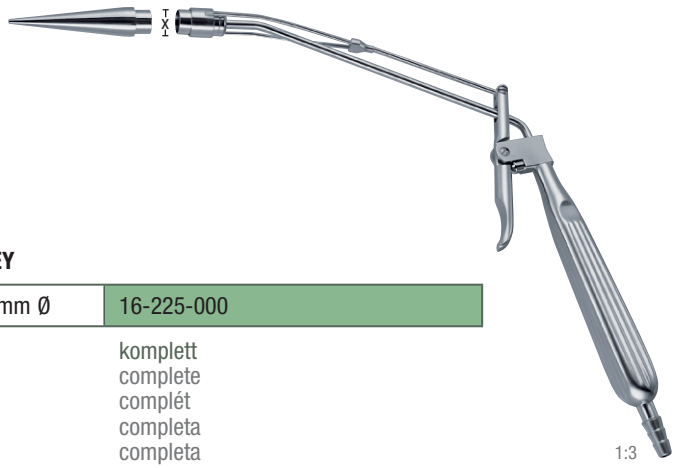
hämorrhoidal-ligatoren
Haemorrhoidal ligators
Ligateurs hémorroïdales
Ligadores hemorroidales
Legatori emorroidali



LURZ

x = 8 mm Ø	16-224-008
x = 10 mm Ø	16-224-010

komplett
complete
complét
completa
completa



MCGIVNEY

x = 10 mm Ø	16-225-000

komplett
complete
complét
completa
completa

16-226-000

Gummiringe, Packung à 100 Stück
Rubber rings, package of 100 pieces
Anneaux de caoutchouc à ligatures, paquet de 100 pièces
Anillos de goma para ligaduras, paquete de 100 piezas
Anelli di gomma, pacchetto di 100 pezzi

» Urologie

» Urology

» Urologie

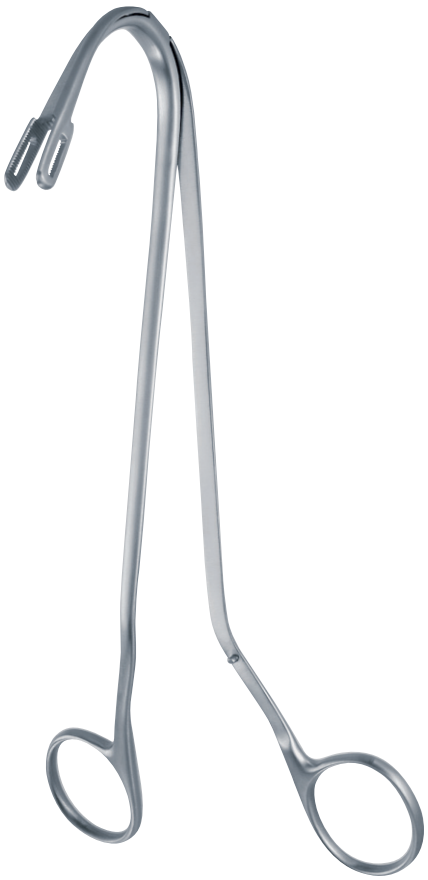
» Urología

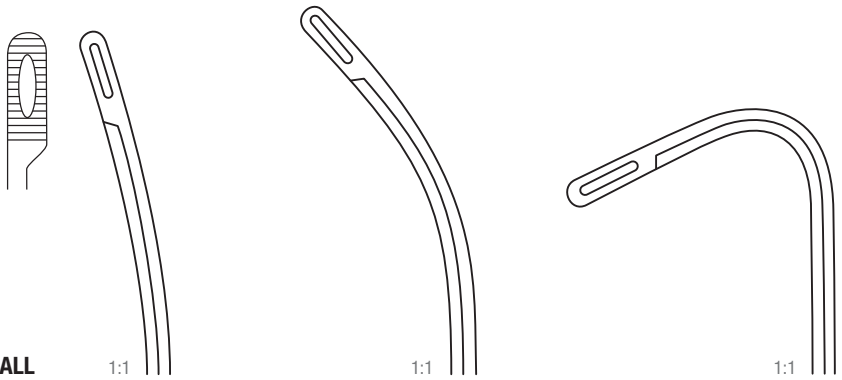
» Urologia

NJ ENTERPRISES



Nierensteinzangen
Kidney stone forceps
Pinces pour les calculs rénals
Pinzas para cálculos renales
Pinze per calcoli renali





RANDALL

Fig. 1	Fig. 2	Fig. 3
230 mm – 9 "	220 mm – 8 ¾ "	190 mm – 7 ½ "
17-101-001	17-101-002	17-101-003

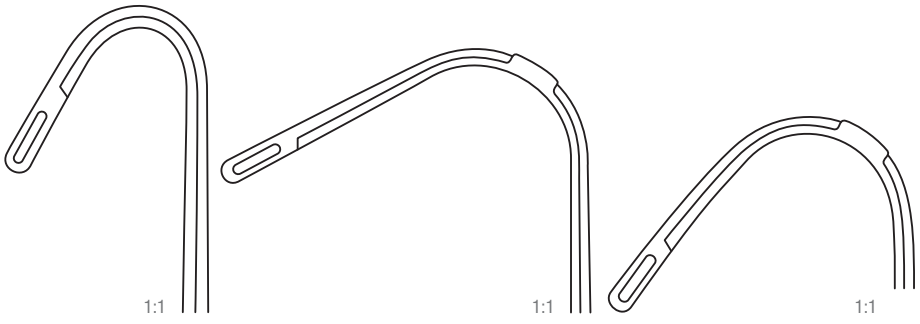


Fig. 4	Fig. 5	Fig. 6
190 mm – 7 ½ "	190 mm – 7 ½ "	190 mm – 7 ½ "
17-101-004	17-101-005	17-101-006

Gallenstein-Instrumente
Gall stone instruments

Instruments pour calculs biliaires
Instrumental para coger cálculos biliares
Strumenti per canali bilari



BAKES

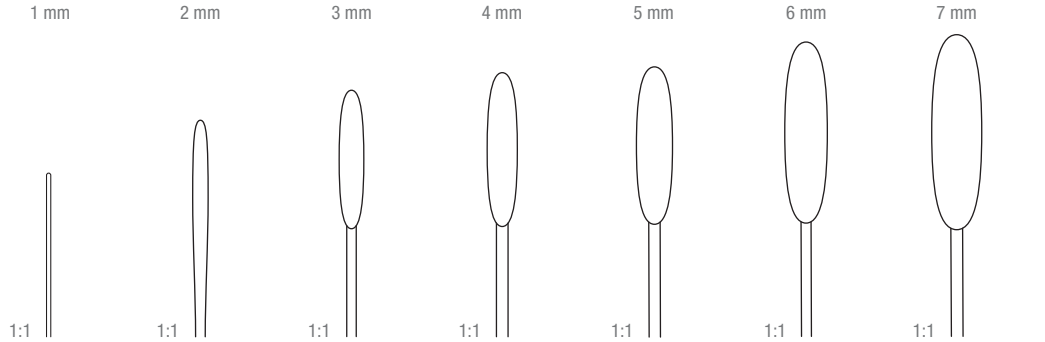


	Fig. 1	Fig. 2	Fig. 3	Fig. 4	Fig. 5	Fig. 6	Fig. 7
300 mm – 12 "	17-102-001	17-102-002	17-102-003	17-102-004	17-102-005	17-102-006	17-102-007

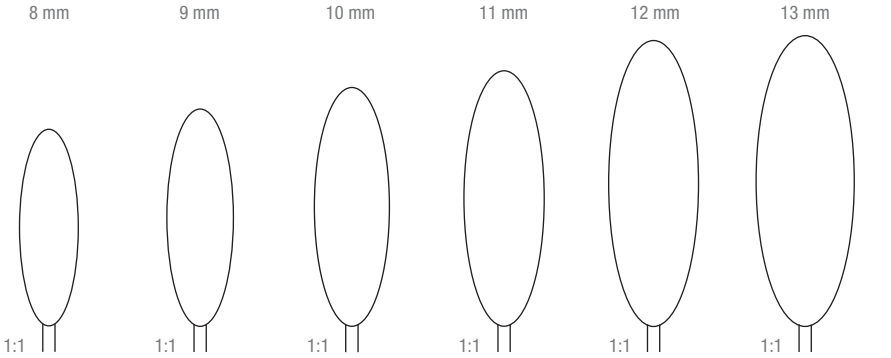


	Fig. 8	Fig. 9	Fig. 10	Fig. 11	Fig. 12	Fig. 13
300 mm – 12 "	17-102-008	17-102-009	17-102-010	17-102-011	17-102-012	17-102-013

17-102-000

Satz 9 St. 52-240-001 – 52-240-009
Set, 9 pieces 52-240-001 – 52-240-009
Jeu, 9 piéces 52-240-001 – 52-240-009
Juego, 9 piezas 52-240-001 – 52-240-009
Serie, 9 pezzi 52-240-001 – 52-240-009

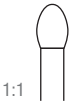
17-103-000

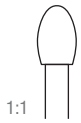
Satz 13 St. 52-240-001 – 52-240-013
Set 13 pieces 52-240-001 – 52-240-013
Jeu 13 piéces 52-240-001 – 52-240-013
Juego 13 piezas 52-240-001 – 52-240-013
Serie 13 pezzi 52-240-001 – 52-240-013

Gallenstein-Instrumente
Gall stone instruments
Instruments pour calculs biliaires
Instrumental para coger cálculos biliares
Strumenti per canali bilari


1:3

DESJARDINS


1:1


1:1

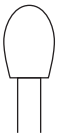
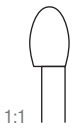

1:1

	Fig. 1	Fig. 2	Fig. 3
280 mm – 11 "	17-104-001	17-104-002	17-104-003

federnd
elastic
élastique
elástica
elastico


1:3


1:1


1:1


1:1

	Fig. 1	Fig. 2	Fig. 3
280 mm – 11 "	17-105-001	17-105-002	17-105-003

federnd
elastic
élastique
elástica
elastico

Gallenstein-Instrumente
Gall stone instruments

Instruments pour calculs biliaires
Instrumental para coger cálculos biliares
Strumenti per canali bilari


1:3

DESJARDINS


1:1


1:1

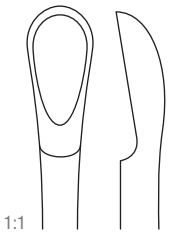

1:1


1:1

	Fig.1	Fig. 2	Fig. 3	Fig. 4
300 mm – 12 "	17-106-001	17-106-002	17-106-003	17-106-004

federnd
elastic
élastique
elástica
elastico


1:3


1:1

x


1:1

MOYNIHAN

	x = 5 mm
340 mm – 13 ½ "	17-107-340

biegsam
malleable
malléable
maleable
flessibile

Gallensteinlöffel
Gall stone scoops

Curettes pour calculs biliaires
Cucharillas para coger cálculos biliares
Cucchiai per colcoli bilari


1:3

LUER-KOERTE

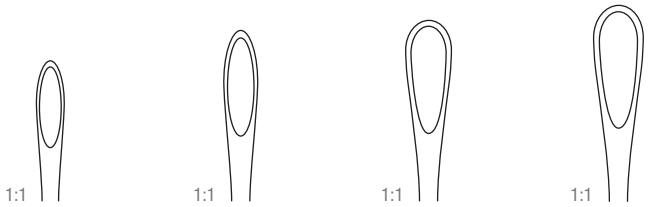

1:1 1:1 1:1 1:1

	Fig. 000	Fig. 00	Fig. 0	Fig. 1
320 mm – 12 ½ "	17-108-010	17-108-020	17-108-030	17-108-040

biegsam, stumpf
malleable, blunt
malléable, mousse
maleable, roma
flessibile, smussa

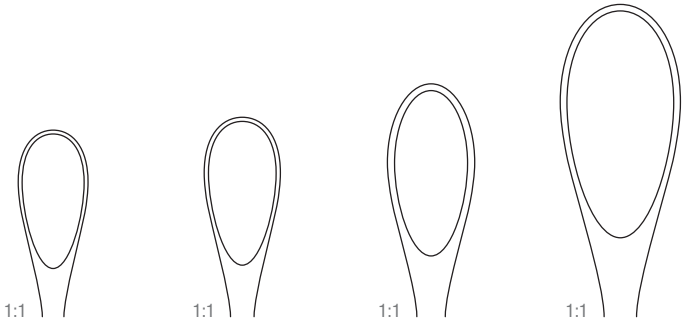

1:1 1:1 1:1 1:1

	Fig. 2	Fig. 3	Fig. 4	Fig. 5
320 mm – 12 ½ "	17-108-050	17-108-060	17-108-070	17-108-080

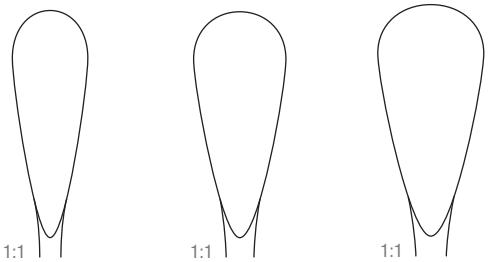
biegsam, stumpf
malleable, blunt
malléable, mousse
maleable, roma
flessibile, smussa


1:2

MAYO

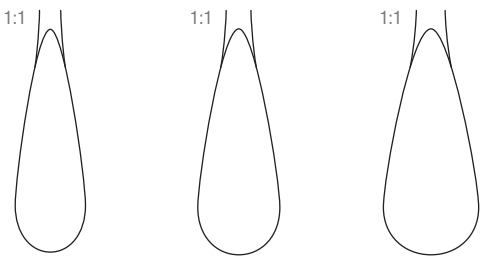
280 mm – 11 "	17-109-270


1:2


1:1 1:1 1:1

FERGUSSON

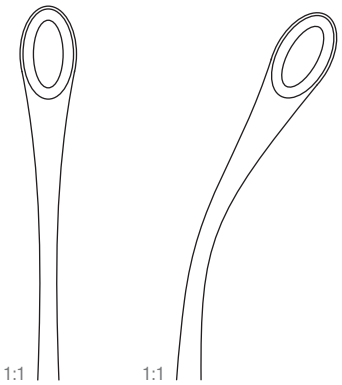
215 mm – 8 ½ "	220 mm – 8 ¾ "	235 mm – 9 ¼ "
17-110-215	17-110-220	17-110-235


1:1 1:1 1:1

Gallenstein-Instrumente
Gall stone instruments

Instruments pour calculs biliaires
Instrumental para coger cálculos biliares
Strumenti per canali bilari

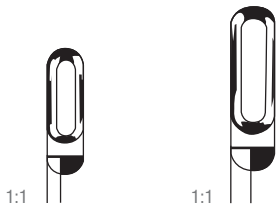




BLAKE

200 mm – 8"	17-111-200	17-112-200





DESJARDINS

230 mm – 9"	17-113-001	17-113-002

Gallenstein-Instrumente
Gall stone instruments

Instruments pour calculs biliaires
Instrumental para coger cálculos biliares
Strumenti per canali bilari



1:2

CZERNY



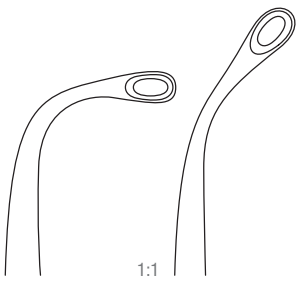
1:1

245 mm – 9 ¾ "	17-114-250



1:2

TURNER-WARWICK



1:1 1:1

180 mm – 7 "	190 mm – 7 ½ "
17-115-180	17-115-190

Prostatahaken
Prostatic retractors

Ecarteurs prostatiques
Separadores para la próstata
Divaricatori prostatici



YOUNG

210 mm – 8 ¼ "	17-116-210



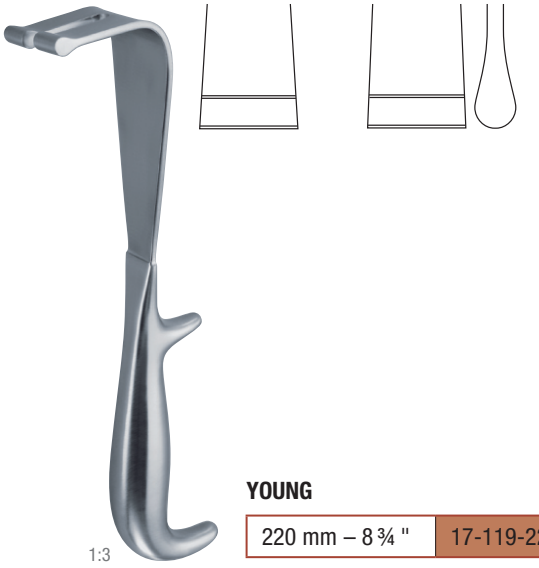
YOUNG

220 mm – 8 ¾ "	17-117-220



YOUNG

210 mm – 8 ¼ "	17-118-210

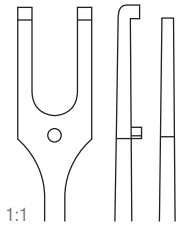


YOUNG

220 mm – 8 ¾ "	17-119-220

Instrumente für Prostata-operationen
Prostatectomy instruments
Instruments pour prostatectomie
Instrumentos para prostatectomía
Strumenti per operazioni della prostata


1:2


1:1

MILLIN

240 mm – 9 ½ "	17-120-240

Fadenführungszange
Ligatur carrying forceps
Pince porte-fil
Pinza porta-ligaduras
Pinza per fili di sutura


1:2

1:1

MILLIN

230 mm – 9 "	17-121-230

Fasszange für die vorderen Lappen
Prostatic lobe holding forceps
Pince pour saisir les lambeaux
Pinza para coger los lóbulos anteriores
Pinza da presa per lobo prostatico

Instrumente für Prostata-operationen
Prostatectomy instruments
Instruments pour prostatectomie
Instrumentos para prostatectomía
Strumenti per operazioni della prostata

TC



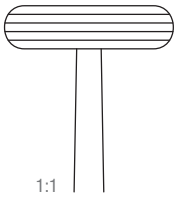
1:2

YOUNG

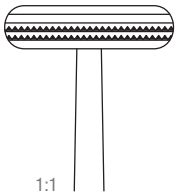
200 mm – 8 "	17-123-200

Prostata-Fasszange
Prostate holding forceps
Pince pour saisir la prostate
Pinza para coger la próstata
Pinza da presa per lobo prostatico





1:1



1:1

MILLIN

	ATRAUMA
230 mm – 9 "	235 mm – 9 ¼ "
17-124-230	17-125-230

Kapselfasszange zur retropubischen Prostatektomie
Capsule forceps for retropubic prostatectomy
Pince pour saisir les capsules pour la prostatectomie rétropubique
Pinza capsular para la prostatectomía retropúbica
Pinza a capsula per prostatectomia retropubica

Blasenwundspreizer
Bladder retractors
Ecarteurs vésicaux
Separadores vesicales
Divaricatori vescicali



THOMSON-WALKER

17-126-000

komplett mit 2 Paar Seitenvalven, 1 Mittelvalve
complete with 2 pairs of lateral blades, 1 central blade
complet, avec 2 paires de valves latérales, 1 valve centrale
completo con 2 pares de valvas laterales, 1 valva central
completo, con 2 paia di valve laterali, 1 valva centrale



MILLIN

		57 mm x 25 mm	80 mm x 25 mm	120 mm x 45 mm
17-127-000	17-127-010	17-127-012	17-127-014	17-127-016
komplett complete complét completa completa	Sperrer, allein Spreader, only Retracteur, seul Retractor, sólo Divaricatore, solo	2 Blätter 2 Blades 2 Valves 2 Valvas 2 Valve	2 Blätter 2 Blades 2 Valves 2 Valvas 2 Valve	1 Mittelblatt 1 Center blade 1 Valve centrale 1 Valva central 1 Valva centrale

17-128-500

komplett mit Kaltlichtaufsatz
complete with cold light carrier
complét avec guide de lumière froide
completa con guía de luz fría
completa con portaluce fredda

17-128-510

Kaltlichtaufsatz
Cold light carrier
Guide de lumière froide
Guía de luz fría
Porta luce fredda, solo

Blasenwundspreizer
Bladder retractors

Ecarteurs vésicaux
Separadores vesicales
Divaricatori vescicali



LEGUEU

17-129-000



JUDD-MASSON

17-130-000



LEGUEU

	x = 35 mm
270 mm – 10 ¾ "	17-131-270



KOCHER

	x = 67 mm
260 mm – 10 ¼ "	17-132-270



MILLIN

285 mm – 11 ¼ "
17-133-280

dilatationsbougies
Dilating bougies
Bougies dilatatrices
Bujías dilatadoras
Candelette dilatatrici

DITTEL


1:2

		220 mm – 8 ¾ "
2 ⅔ mm Ø	8 Charr. / Fr.	17-134-008
3 mm Ø	9 Charr. / Fr.	17-135-090
3 ⅓ mm Ø	10 Charr. / Fr.	17-134-010
3 ⅔ mm Ø	11 Charr. / Fr.	17-135-110
4 mm Ø	12 Charr. / Fr.	17-134-012
4 ⅓ mm Ø	13 Charr./Fr.	17-135-130
4 ⅔ mm Ø	14 Charr. / Fr.	17-134-014
5 mm Ø	15 Charr. / Fr.	17-135-150
5 ⅓ mm Ø	16 Charr. / Fr.	17-134-016
5 ⅔ mm Ø	17 Charr. / Fr.	17-135-170
6 mm Ø	18 Charr. / Fr.	17-134-018
6 ⅓ mm Ø	19 Charr. / Fr.	17-135-190
6 ⅔ mm Ø	20 Charr. / Fr.	17-134-020
7 mm Ø	21 Charr. / Fr.	17-135-210
7 ⅓ mm Ø	22 Charr. / Fr.	17-134-022
7 ⅔ mm Ø	23 Charr. / Fr.	17-135-230
8 mm Ø	24 Charr. / Fr.	17-134-024
8 ⅓ mm Ø	25 Charr. / Fr.	17-135-250
8 ⅔ mm Ø	26 Charr. / Fr.	17-134-026
9 mm Ø	27 Charr. / Fr.	17-135-270
9 ⅓ mm Ø	28 Charr. / Fr.	17-134-028
9 ⅔ mm Ø	29 Charr. / Fr.	17-135-290
10 mm Ø	30 Charr. / Fr.	17-134-030
10 ⅔ mm Ø	32 Charr. / Fr.	17-135-320

gerade
straight
droit
recta
rette

17-135-000

Satz 23 St, 8 – 30 Charr. / Fr.
Set 23 pieces, 8 – 30 Charr. / Fr.
Jeu 23 pièces, 8 – 30 Charr. / Fr.
Juego 23 piezas, 8 – 30 Charr. / Fr.
Serie 23 pezzi, 8 – 30 Charr. / Fr.

DITTEL


1:2

		220 mm – 8 ¾ "
2 ⅔ mm Ø	8 Charr. / Fr.	17-136-008
3 mm Ø	9 Charr. / Fr.	17-136-009
3 ⅓ mm Ø	10 Charr. / Fr.	17-136-010
3 ⅔ mm Ø	11 Charr. / Fr.	17-136-011
4 mm Ø	12 Charr. / Fr.	17-136-012
4 ⅓ mm Ø	13 Charr. / Fr.	17-136-013
4 ⅔ mm Ø	14 Charr. / Fr.	17-136-014
5 mm Ø	15 Charr. / Fr.	17-136-015
5 ⅓ mm Ø	16 Charr. / Fr.	17-136-016
5 ⅔ mm Ø	17 Charr. / Fr.	17-136-017
6 mm Ø	18 Charr. / Fr.	17-136-018
6 ⅓ mm Ø	19 Charr. / Fr.	17-136-019
6 ⅔ mm Ø	20 Charr. / Fr.	17-136-020
7 mm Ø	21 Charr. / Fr.	17-136-021
7 ⅓ mm Ø	22 Charr. / Fr.	17-136-022
7 ⅔ mm Ø	23 Charr. / Fr.	17-136-023
8 mm Ø	24 Charr./Fr.	17-136-024
8 ⅓ mm Ø	25 Charr. / Fr.	17-136-025
8 ⅔ mm Ø	26 Charr. / Fr.	17-136-026
9 mm Ø	27 Charr. / Fr.	17-136-027
9 ⅓ mm Ø	28 Charr. / Fr.	17-136-028
9 ⅔ mm Ø	29 Charr. / Fr.	17-136-029
10 mm Ø	30 Charr. / Fr.	17-136-030

gebogen
curved
courbe
curva
curve

17-136-000

Satz 23 St, 8 – 30 Charr./Fr.
Set 23 pieces, 8 – 30 Charr. / Fr.
Jeu 23 pièces, 8 – 30 Charr. / Fr.
Juego 23 piezas, 8 – 30 Charr. / Fr.
Serie 23 pezzi, 8 – 30 Charr. / Fr.



dilatationsbougies
Dilating bougies

Bougies dilatatrices
Bujías dilatadoras
Candelette dilatatrici



GUYON

2 ⅔ mm Ø	8 Charr. / Fr.	17-137-080
3 ⅓ mm Ø	10 Charr. / Fr.	17-137-100
3 ⅔ mm Ø	11 Charr. / Fr	17-137-110
4 mm Ø	12 Charr. / Fr.	17-137-120
4 ⅓ mm Ø	13 Charr. / Fr.	17-137-130
4 ⅔ mm Ø	14 Charr. / Fr.	17-137-140
5 mm Ø	15 Charr. / Fr.	17-137-150
5 ⅓ mm Ø	16 Charr. / Fr.	17-137-160
5 ⅔ mm Ø	17 Charr. / Fr.	17-137-170
6 mm Ø	18 Charr. / Fr.	17-137-180
6 ⅓ mm Ø	19 Charr. / Fr.	17-137-190
6 ⅔ mm Ø	20 Charr. / Fr.	17-137-200
7 mm Ø	21 Charr. / Fr.	17-137-210
7 ⅓ mm Ø	22 Charr. / Fr.	17-137-220
7 ⅔ mm Ø	23 Charr. / Fr.	17-137-230
8 mm Ø	24 Charr. / Fr.	17-137-240
8 ⅓ mm Ø	25 Charr. / Fr.	17-137-250
8 ⅔ mm Ø	26 Charr. / Fr.	17-137-260
9 mm Ø	27 Charr. / Fr.	17-137-270
9 ⅓ mm Ø	28 Charr. / Fr.	17-137-280
9 ⅔ mm Ø	29 Charr. / Fr.	17-137-290
10 mm Ø	30 Charr. / Fr.	17-137-300
10 ⅓ mm Ø	31 Charr. / Fr.	17-137-310
10 ⅔ mm Ø	32 Charr. / Fr.	17-137-320
11 mm Ø	33 Charr. / Fr.	17-137-330
11 ⅓ mm Ø	34 Charr. / Fr.	17-137-340
11 ⅔ mm Ø	35 Charr. / Fr.	17-137-350
12 mm Ø	36 Charr. / Fr.	17-137-360
12 ⅓ mm Ø	37 Charr. / Fr.	17-137-370
12 ⅔ mm Ø	38 Charr. / Fr.	17-137-380
13 mm Ø	39 Charr. / Fr.	17-137-390
13 ⅓ mm Ø	40 Charr. / Fr.	17-137-400

GUYON

17-134-000

Satz 27 St, 10 – 36 Charr. /Fr. ohne Innengewinde
Set 27 pieces, 10 – 36 Charr. / Fr. without inner thread
Jeu 27 pièces, 10 – 36 Charr. / Fr. sans filet intérieur
Juego 27 piezas, 10 – 36 Charr. / Fr. sin filete interior
Serie 27 pezzi, 10 – 36 Charr. / Fr. senza filetto interno

VAN BUREN

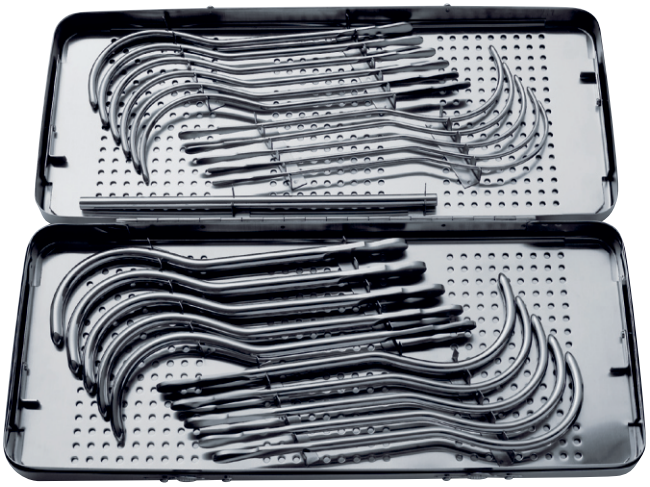
17-135-000

Satz 15 St, 8 – 36 Charr. /Fr.
Set 15 pieces, 8 – 36 Charr. /Fr.
Jeu 15 pièces, 8 – 36 Charr. /Fr.
Juego 15 piezas, 8 – 36 Charr. /Fr.
Serie 15 pezzi, 8 – 36 Charr. /Fr.

VAN BUREN

2 ⅔ mm Ø	8 Charr. / Fr.	17-135-008
3 ⅓ mm Ø	10 Charr. / Fr.	17-135-010
4 mm Ø	12 Charr. / Fr.	17-135-012
4 ⅔ mm Ø	14 Charr. / Fr.	17-135-014
5 ⅓ mm Ø	16 Charr. / Fr.	17-135-016
6 mm Ø	18 Charr. / Fr.	17-135-018
6 ⅔ mm Ø	20 Charr. / Fr.	17-135-020
7 ⅓ mm Ø	22 Charr. / Fr.	17-135-022
8 mm Ø	24 Charr. / Fr.	17-135-024
8 ⅔ mm Ø	26 Charr. / Fr.	17-135-026
9 ⅓ mm Ø	28 Charr. / Fr.	17-135-028
10 mm Ø	30 Charr. / Fr.	17-135-030
10 ⅔ mm Ø	32 Charr. / Fr.	17-135-032
11 ⅓ mm Ø	34 Charr. / Fr.	17-135-034
12 mm Ø	36 Charr. / Fr.	17-135-036

dilatationsbougies – Metallkatheter
Dilating bougies – Metal catheters
Bougies dilatatrices – Sondes métalliques
Bujías dilatadoras – Sondas métalicas
Candelette dilatatrici – Sonde metalliche



GUYON

420 mm x 175 mm x 40 mm	366-196-000

komplett, Charr. 10 – 30, im Edelstahl-Etui
complete, Charr. 10 – 30, in steel case
complet, Charr. 10 – 30, en étui métallique
completa, Charr. 10 – 30, en caja metálica
completa, Charr. 10 – 30, in astuccio metallico



2 ⅔ mm Ø	8 Charr. / Fr.	17-136-008
3 ⅓ mm Ø	10 Charr. / Fr.	17-136-010
4 mm Ø	12 Charr. / Fr.	17-136-012
4 ⅔ mm Ø	14 Charr. / Fr.	17-136-014
5 ⅓ mm Ø	16 Charr. / Fr.	17-136-016
6 mm Ø	18 Charr. / Fr.	17-136-018
6 ⅔ mm Ø	20 Charr. / Fr.	17-136-020
7 ⅓ mm Ø	22 Charr. / Fr.	17-136-022
8 mm Ø	24 Charr. / Fr.	17-136-024

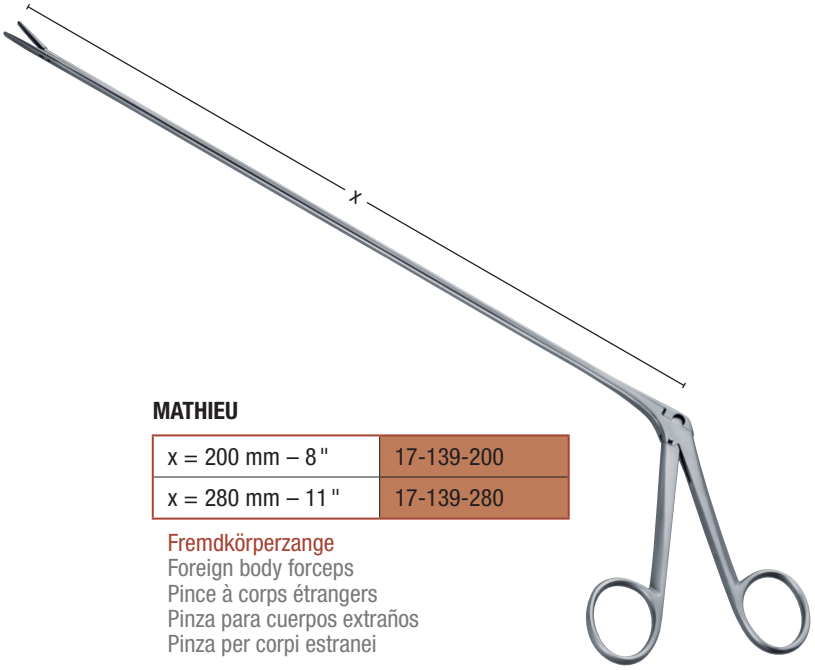
Metallkatheter für Frauen
Metal catheters for women
Sondes métalliques pour femmes
Sondas métalicas para mujeres
Sonde metalliche per donne



2 ⅔ mm Ø	8 Charr. / Fr.	17-137-008
3 ⅓ mm Ø	10 Charr. / Fr.	17-137-010
4 mm Ø	12 Charr. / Fr.	17-137-012
4 ⅔ mm Ø	14 Charr. / Fr.	17-137-014
5 ⅓ mm Ø	16 Charr. / Fr.	17-137-016
6 mm Ø	18 Charr. / Fr.	17-137-018
6 ⅔ mm Ø	20 Charr. / Fr.	17-137-020
7 ⅓ mm Ø	22 Charr. / Fr.	17-137-022
8 mm Ø	24 Charr. / Fr.	17-137-024

Metallkatheter für Männer
Metal catheters for men
Sondes métalliques pour hommes
Sondas métalicas para hombres
Sonde metalliche per uomini

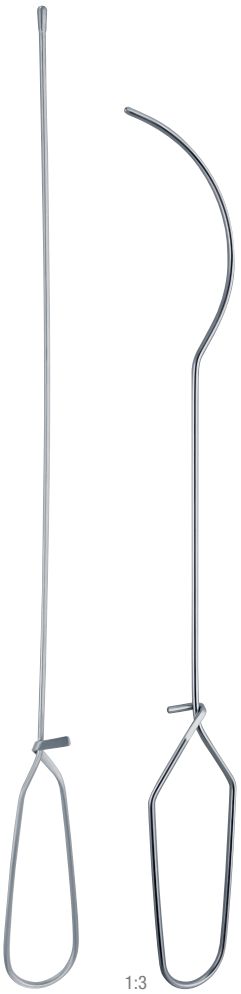
Urologie-Instrumente
Instruments for urology
Instruments pour l'urologie
Instrumentos para la urología
Strumenti per urologia



MATHIEU

x = 200 mm – 8 "	17-139-200
x = 280 mm – 11 "	17-139-280

Fremdkörperzange
Foreign body forceps
Pince à corps étrangers
Pinza para cuerpos extraños
Pinza per corpi estranei



GUYON 1:3 1:3

390 mm – 15 ½ "	350 mm – 13 ¾ "
17-136-390	17-137-350

Katheterspanner
Mandrin for rubber catheters
Mandrin pour cathéters
Mandril para catéteres
Introduttore per catheteri



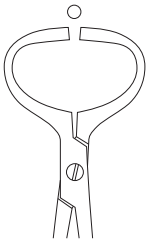
1:2

160 mm – 6 ¼ "	17-135-001

Samenstrang-Haken
Hook for the spermatic cord
Crochet pour le cordon spermatique
Grancho para el cordón espermático
Uncino per dotto spermatico



1:2



145 mm – 5 ¾ "	17-138-125

zum Fixieren des Samenstranges
Fixation clamp for the spermatic cord
Pince à vis pour fixation du cordon spermatique
Pinza con rosca para fijación el cordón espermático
Pinza con vite per fissare il funicolo spermatico

Beschneidungsinstrumente
Circumcision instruments
Instruments de circoncision
Instrumentos para circuncisión
Strumenti per circoncisione



8 mm Ø	17-139-008
11 mm Ø	17-139-011
13 mm Ø	17-139-013
16 mm Ø	17-139-016
21 mm Ø	17-139-021
26 mm Ø	17-139-026
32 mm Ø	17-139-032

Beschneidungsklemme
Circumcision instrument
Instrument de circoncision
Instrumento para circuncisión
Strumento di circoncisione

MORGAN



1:2

75 mm – 3 "	17-140-001	17-140-002
Beschneidungsklemme Circumcision instrument Instrument de circoncision Instrumento para circuncisión Strumento di circoncisione	für Erwachsene for adults pour adultes para adultos per adulti	für Kinder for children pour enfants para niños per bambini



17-141-103

Zange zum Erfassen der Glans und der Vorhaut
Forceps for grasping the glans and the forescin
Pince pour saisir le prépuce
Pinza para agarrar el prepucio
Pinza da presa díl prepuzio



STOCKMANN 1:2

17-142-000

Penisklemme
Penis clamp
Pince pour le pénis
Clamp para el pene
Serrapene



STRAUSS 1:2

17-143-000

Penisklemme
Penis clamp
Pince pour le pénis
Clamp para el pene
Serrapene

» GYNÄKOLOGIE UND GEBURTSHILFE

» GYNECOLOGY AND OBSTETRIC

» GYNÉCOLOGIE ET OBSTÉTRIQU

» GINECOLOGÍA Y OBSTÉTRICI

» GINEGOLOGIA E OSTETRICI

NJ ENTERPRISES



Scheidenspekula
Vaginal specula
Spéculums vaginaux
Espéculos vaginales
Specoli vaginali

TC

Scheidenspekula mit Absaugung auf Anfrage lieferbar.
Specula with aspiration are available upon request.
Spéculums avec aspiration sont disponibles sur demande.
Espéculos con aspiración son disponibles según demanda.
A richiesta gli specoli sono fornibili anche con tubo d'aspirazione.



CUSCO

75 mm x 32 mm	18-101-001
85 mm x 35 mm	18-101-002
100 mm x 35 mm	18-101-003

175 mm x 17 mm	18-103-000

für Jungfrauen
for virgins
pour vierges
para vírgenes
per vergine



CUSCO

75 mm x 32 mm	18-102-001
85 mm x 35 mm	18-102-002
100 mm x 37 mm	18-102-003

Scheidenspekula
Vaginal specula
Spéculums vaginaux
Espéculos vaginales
Specoli vaginali

TC

Scheidenspekula mit Absaugung auf Anfrage lieferbar.
Specula with aspiration are available upon request.
Spéculums avec aspiration sont disponibles sur demande.
Espéculos con aspiración son disponibles según demanda.
A richiesta gli specoli sono fornibili anche con tubo d'aspirazione.



CUSCO

90 mm x 23 mm	18-104-001
100 mm x 25 mm	18-104-002
105 mm x 27 mm	18-104-003

Schweizer Modell
Swiss pattern
Modèle suisse
Modelo suizo
Modello svizzero



GRAVE

75 mm x 20 mm	18-105-001
95 mm x 35 mm	18-105-002
115 mm x 35 mm	18-105-003

Scheidenspekula
Vaginal specula
Spéculums vaginaux
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TC

Scheidenspekula mit Absaugung auf Anfrage lieferbar.
Specula with aspiration are available upon request.
Spéculums avec aspiration sont disponibles sur demande.
Espéculos con aspiración son disponibles según demanda.
A richiesta gli specoli sono fornibili anche con tubo d'aspirazione.



SEMM

90 mm x 14 / 18 mm	18-106-000
100 mm x 17 / 20 mm	18-106-001
100 mm x 25 / 30 mm	18-106-002



COLLIN

90 mm x 16 mm	18-107-000
90 mm x 28 mm	18-107-001
100 mm x 35 mm	18-107-002
110 mm x 40 mm	18-107-003



TRELA T

85 mm x 33 mm	18-108-010
95 mm x 35 mm	18-108-020
115 mm x 43 mm	18-108-030



PEDERSON

75 mm x 13 mm	18-109-010
100 mm x 22 mm	18-109-020
120 mm x 25 mm	18-109-030

Scheidenspekula
Vaginal specula

Spéculums vaginaux
Espéculos vaginales
Specoli vaginali







KRISTELLER

70 mm x 27 mm	18-110-001
80 mm x 30 mm	18-110-002
90 mm x 36 mm	18-110-003
110 mm x 27 mm	18-111-010
110 mm x 30 mm	18-111-020
110 mm x 36 mm	18-111-030

Spekulum
Speculum
Spéculum
Espéculo
Specolo

75 mm x 23 mm	18-112-001
85 mm x 26 mm	18-112-002
100 mm x 32 mm	18-112-003
115 mm x 23 mm	18-113-010
115 mm x 26 mm	18-113-020
115 mm x 32 mm	18-113-030

Halter
Retractor
Valve
Valva
Valve

18-114-001
18-114-002
18-114-003
18-115-010
18-115-020
18-115-030

Satz
Set
Jeu
Juego
Serie

Scheidenspekula
Vaginal specula
Spéculums vaginaux
Espéculos vaginales
Specoli vaginali







KRISTELLER

105 mm x 18 mm	18-116-010
105 mm x 21 mm	18-116-020

Spekulum konisch, für Jungfrauen
Speculum tapered, for virgins
Spéculum conique, pour vierges
Espéculo cónico, para vírgenes
Specolo conico, per virgini

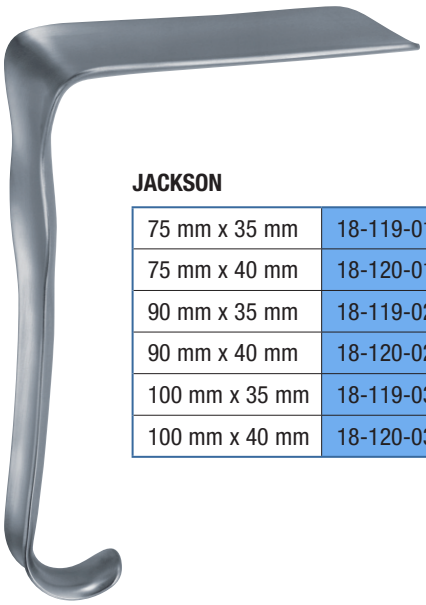
110 mm x 14 mm	18-117-010
115 mm x 17 mm	18-117-020

Halter
Retractor
Valve
Valva
Valve

18-118-010
18-118-020

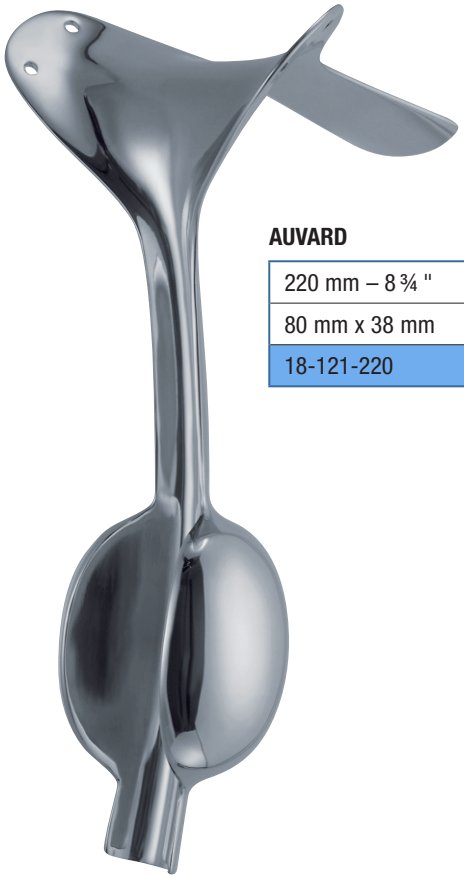
Satz
Set
Jeu
Juego
Serie

Scheidenspekula
Vaginal specula
Spéculums vaginaux
Espéculos vaginales
Specoli vaginali



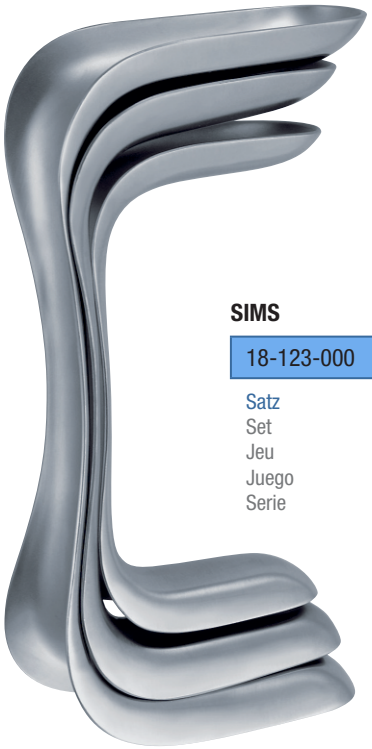
JACKSON

75 mm x 35 mm	18-119-010
75 mm x 40 mm	18-120-010
90 mm x 35 mm	18-119-020
90 mm x 40 mm	18-120-020
100 mm x 35 mm	18-119-030
100 mm x 40 mm	18-120-030



AUVARD

220 mm – 8 ¾ "
80 mm x 38 mm
18-121-220



60 mm x 25 mm / 30 mm	70 mm x 30 mm / 35 mm	80 mm x 35 mm / 40 mm
18-122-001	18-122-002	18-122-003

SIMS

18-123-000	x	x	x

Satz
Set
Jeu
Juego
Serie

Scheidenspekula
Vaginal specula

Spéculums vaginaux
Espéculos vaginales
Specoli vaginali







KALLMORGEN

70 mm x 40 mm	18-124-010
90 mm x 40 mm	18-124-020

Spekulum
Speculum
Spéculum
Espéculo
Specolo

70 mm x 33 mm	18-125-010
90 mm x 33 mm	18-125-020

Halter
Retractor
Valve
Valva
Valve

18-126-010
18-126-020

Satz
Set
Jeu
Juego
Serie

Scheidenspekula
Vaginal specula
Spéculums vaginaux
Espéculos vaginales
Specoli vaginali



LANDAU

	290 mm – 11 ½ "
100 mm x 28 mm	18-127-280
100 mm x 38 mm	18-127-380

Scheidenspekula
Vaginal specula
Spéculums vaginaux
Espéculos vaginales
Specoli vaginali







BREISKY

	300 mm – 12 "
130 mm x 10 mm	18-128-010
130 mm x 15 mm	18-128-015
130 mm x 20 mm	18-128-020
130 mm x 25 mm	18-128-025
130 mm x 30 mm	18-128-030
130 mm x 35 mm	18-128-035
130 mm x 40 mm	18-128-040

Wiener Modell
Vienna pattern
Modéle Vienne
Modelo Vienna
Modello Vienna

	300 mm – 12 "
100 mm x 10 mm	18-129-010
100 mm x 15 mm	18-129-015
100 mm x 20 mm	18-129-020
100 mm x 25 mm	18-129-025
100 mm x 30 mm	18-129-030
100 mm x 35 mm	18-129-035
100 mm x 40 mm	18-129-040
115 mm x 10 mm	18-130-010
115 mm x 15 mm	18-130-015
115 mm x 20 mm	18-130-020
115 mm x 25 mm	18-130-025
115 mm x 30 mm	18-130-030
115 mm x 35 mm	18-130-035
115 mm x 40 mm	18-130-040

	350 mm – 13 ¾ "
160 mm x 20 mm	18-131-020
160 mm x 25 mm	18-131-025
160 mm x 30 mm	18-131-030
160 mm x 35 mm	18-131-035
160 mm x 40 mm	18-131-040
180 mm x 20 mm	18-132-020
180 mm x 25 mm	18-132-025
180 mm x 30 mm	18-132-030
180 mm x 35 mm	18-132-035
180 mm x 40 mm	18-132-040

Scheidenspekula
Vaginal specula
Spéculums vaginaux
Espéculos vaginales
Specoli vaginali



Fig. 1	Fig. 2	Fig. 3	Fig. 4	Fig. 5
80 mm x 30 mm	85 mm x 35 mm	90 mm x 40 mm	55 mm x 40 mm / 60 mm	70 mm x 45 mm / 70 mm
18-133-001	18-133-002	18-133-003	18-133-004	18-133-005

SCHERBACK

18-133-000

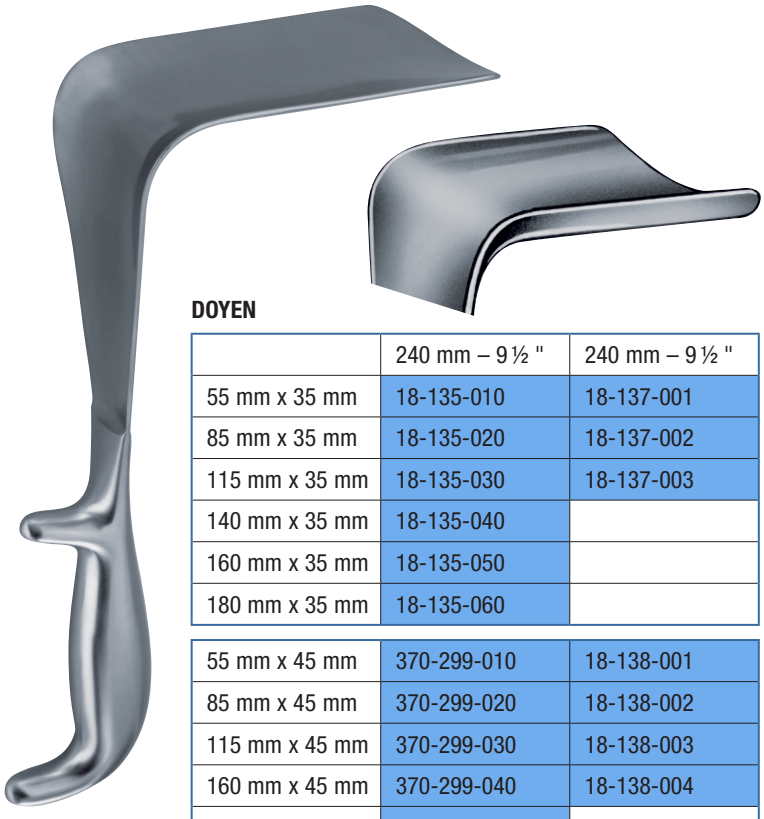
Satz mit 400 g Gewicht 432-298-100
Set with weight 400 grs. 432-298-100
Jeu avec poid 400 gr. 432-298-100
Juego con peso 400 gr. 432-298-100
Serie con peso di 400 gr. 432-298-100



400 g	18-134-400
600 g	18-134-600
800 g	18-134-800



18-141-000



DOYEN

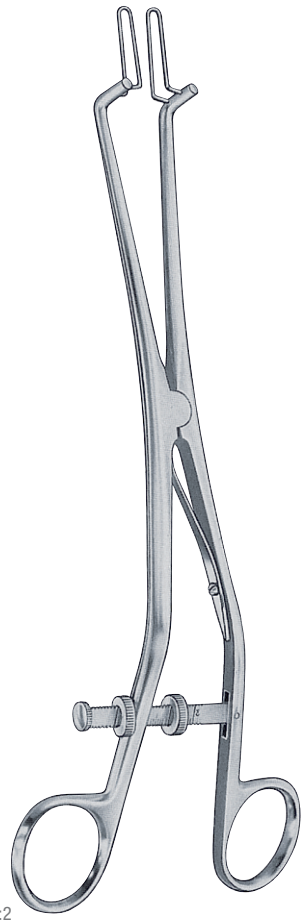
	240 mm – 9½ "	240 mm – 9½ "
55 mm x 35 mm	18-135-010	18-137-001
85 mm x 35 mm	18-135-020	18-137-002
115 mm x 35 mm	18-135-030	18-137-003
140 mm x 35 mm	18-135-040	
160 mm x 35 mm	18-135-050	
180 mm x 35 mm	18-135-060	

55 mm x 45 mm	370-299-010	18-138-001
85 mm x 45 mm	370-299-020	18-138-002
115 mm x 45 mm	370-299-030	18-138-003
160 mm x 45 mm	370-299-040	18-138-004
180 mm x 45 mm	370-299-050	

55 mm x 60 mm	18-139-010	18-140-001
85 mm x 60 mm	18-139-020	18-140-002
115 mm x 60 mm	18-139-030	18-140-003
160 mm x 60 mm	18-139-040	
180 mm x 60 mm	18-139-050	

leichthohl	halbhohl
slightly concave	medium concave
légèrement concave	semi concave
ligeramente concava	semi concava
legermente concavo	semi concavo

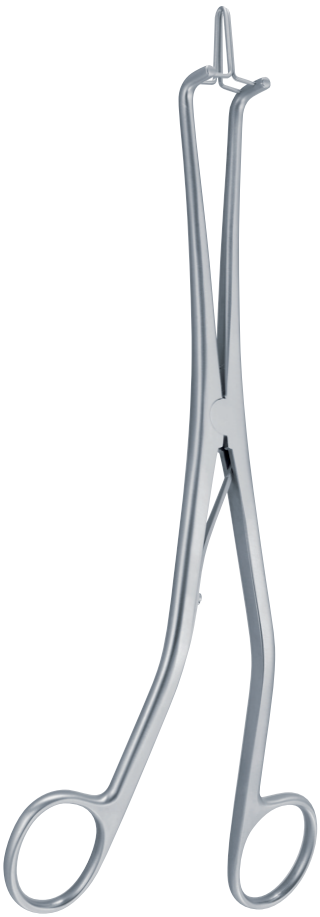
endospekula
Endospecula
Endospéculums
Endospéculos
Endospecoli


1:2

KOGAN

240 mm – 9½"
18-142-240

mit Skalensperre und Stellschraube
with scale-ratchet and fixation screw
avec crémaillère à echelle et vis à fixation
con cremallera graduada y tornillo fijación
con cremagliera graduata e vite di fissaggio


1:2

KOGAN

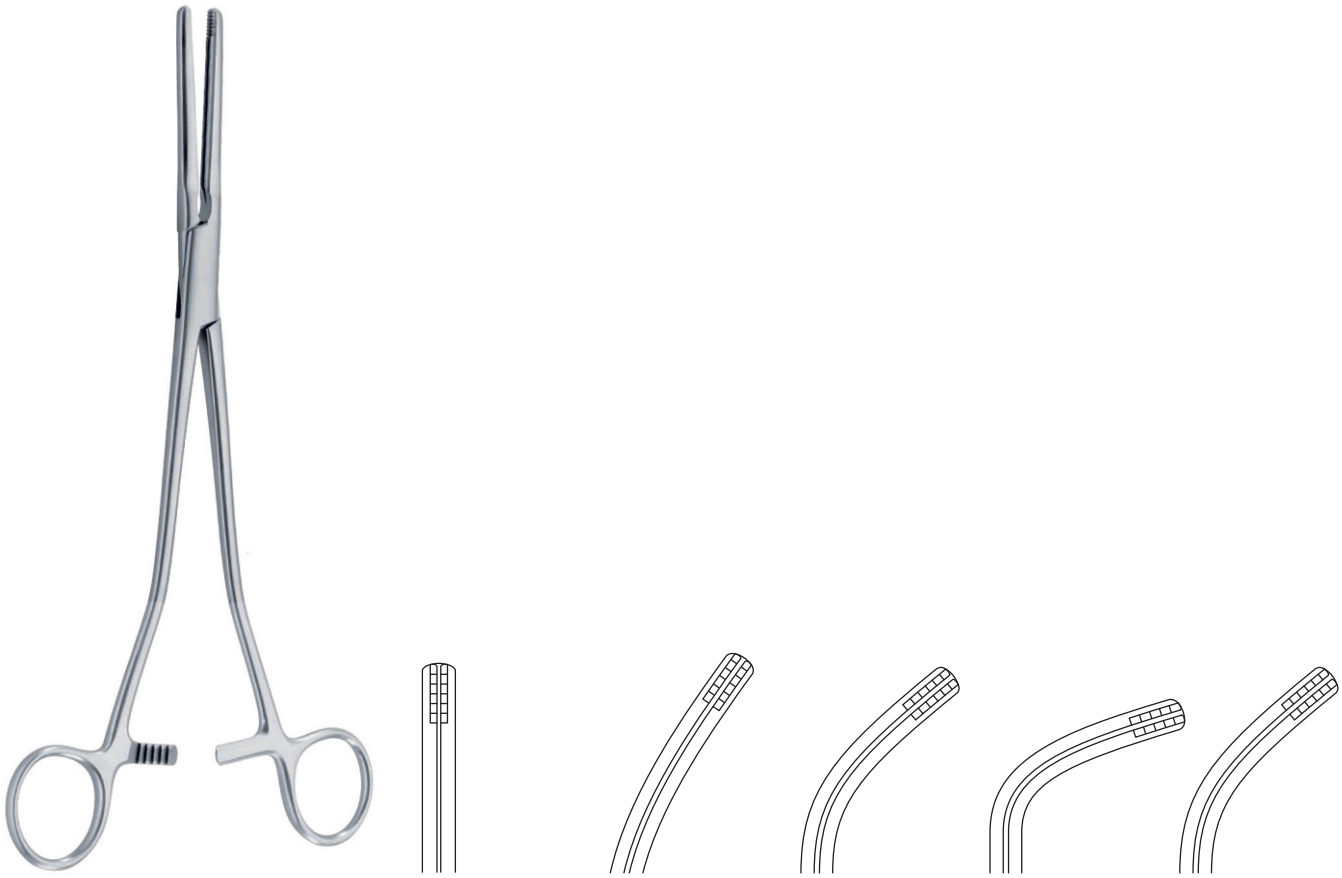
240 mm – 9½"
18-143-240


1:2

KOGAN-MODIF.

	280 mm – 11"
x = 2 mm y = 4 mm	18-144-240
x = 4 mm y = 8 mm	18-144-480

Parametriumklemmen
Parametrium forceps
Pinces parametrium
Pinzas parametrium
Pinze parametrium



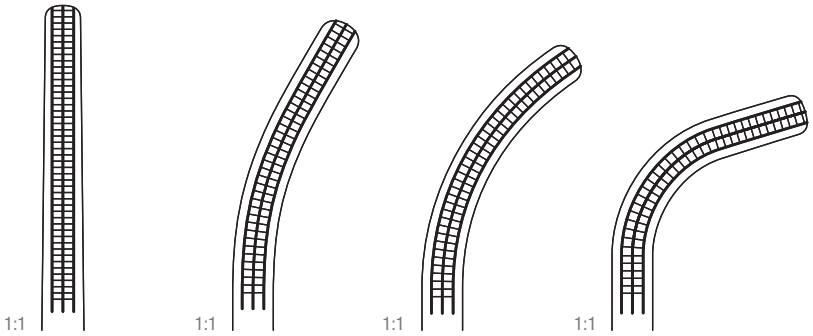
210 mm – 8¼"	13-913-210	18-145-210	18-146-210	18-147-210	18-148-210
240 mm – 9½"	13-913-240	18-145-240	18-146-240	18-147-240	18-148-240
260 mm – 10¼"	13-913-260	18-145-260	18-146-260	18-147-260	18-148-260
300 mm – 12"	13-913-300	18-145-300	18-146-300	18-147-300	18-148-300
350 mm – 13¾"	13-913-350	18-145-350	18-146-350	18-147-350	18-148-350

S-förmig gebogen
S-curved
coube en S
curva en S
curva a forma di S

hysterektomieklemmen
Hysterectomy forceps
Pinces à hystérectomie
Pinzas-clamps para histerectomía
Pinze per isterectomia

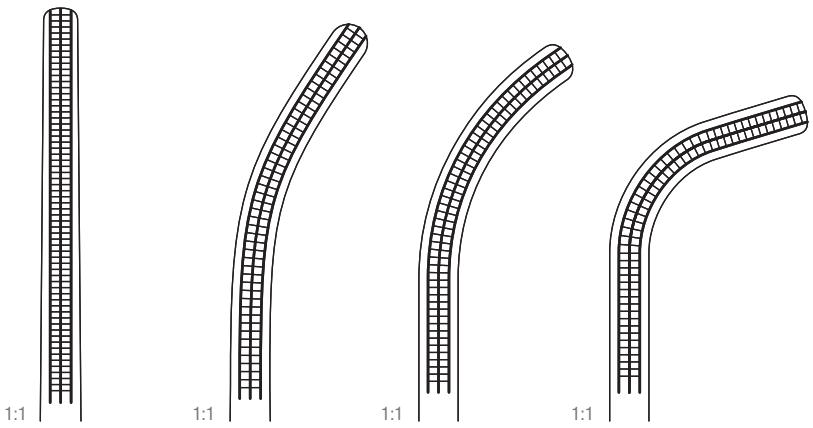
TC





ROGERS

Atrauma	Atrauma	Atrauma	Atrauma
Fig. 1	Fig. 2	Fig. 3	Fig. 4
220 mm – 8 ¾ "	215 mm – 8 ½ "	210 mm – 8 ¼ "	205 mm – 8 "
18-149-100	18-149-200	18-149-300	18-149-400



Atrauma	Atrauma	Atrauma	Atrauma
Fig. 1	Fig. 2	Fig. 3	Fig. 4
250 mm – 9 ¾ "	250 mm – 9 ¾ "	245 mm – 9 ¾ "	230 mm – 9 "
18-150-100	18-150-200	18-150-300	18-150-400

uterus-Sonden
Uterine sounds
Hystéromètres du col de l'utèrus
Histerómetros uterinos
Isterometri uterini



1:2

VALLEIX

250 mm – 9 ¾ "	18-151-250

graduiert, mit Schieber
graduated, with slider
gradué, avec curseur
graduado, con cursor
graduato, con cursore



1:2

MARTIN

320 mm – 12 ½ "	18-152-320	18-153-320
	fest rigid rigide rígido rigido	biegsam malleable malléable maleable malleabile



1:2

SIMS

320 mm – 12 ½ "	18-154-320	18-155-320
	fest rigid rigide rígido rigido	biegsam malleable malléable maleable malleabile

uterus-dilatatoren
Uterine dilators
Dilatateurs du col de l'utérus
Dilatadores uterinos
Dilatatori uterini



HEGAR

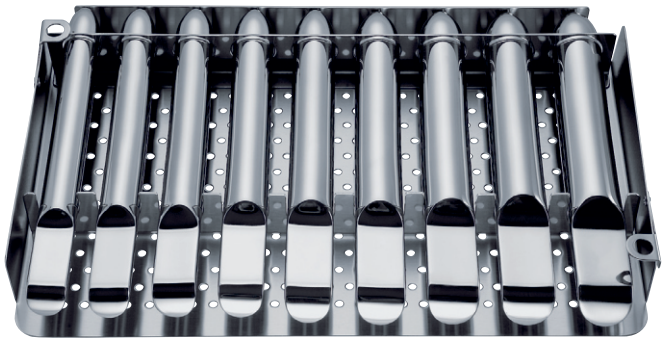
1.0 mm Ø	18-156-001
1.5 mm Ø	18-157-015
2.0 mm Ø	18-156-002
2.5 mm Ø	18-157-025
3.0 mm Ø	18-156-003
3.5 mm Ø	18-157-035
4.0 mm Ø	18-156-004
4.5 mm Ø	18-157-045
5.0 mm Ø	18-156-005
5.5 mm Ø	18-157-055
6.0 mm Ø	18-156-006
6.5 mm Ø	18-157-065
7.0 mm Ø	18-156-007
7.5 mm Ø	18-157-075
8.0 mm Ø	18-156-008
8.5 mm Ø	18-157-085
9.0 mm Ø	18-156-009
9.5 mm Ø	18-157-095
10.0 mm Ø	18-156-010
10.5 mm Ø	18-157-105
11.0 mm Ø	18-156-011
11.5 mm Ø	18-157-115
12.0 mm Ø	18-156-012
12.5 mm Ø	18-157-125
13.0 mm Ø	18-156-013
13.5 mm Ø	18-157-135
14.0 mm Ø	18-156-014
14.5 mm Ø	18-157-145
15.0 mm Ø	18-156-015
15.5 mm Ø	18-157-155
16.0 mm Ø	18-156-016
16.5 mm Ø	18-157-165
17.0 mm Ø	18-156-017
17.5 mm Ø	18-157-175
18.0 mm Ø	18-156-018
18.5 mm Ø	18-157-185
19.0 mm Ø	18-156-019
19.5 mm Ø	18-157-195
20.0 mm Ø	18-156-020
21.0 mm Ø	18-156-021
22.0 mm Ø	18-156-022
23.0 mm Ø	18-156-023
24.0 mm Ø	18-156-024
25.0 mm Ø	18-156-025
26.0 mm Ø	18-156-026
27.0 mm Ø	18-156-027
28.0 mm Ø	18-156-028
29.0 mm Ø	18-156-029
30.0 mm Ø	18-156-030

HEGAR

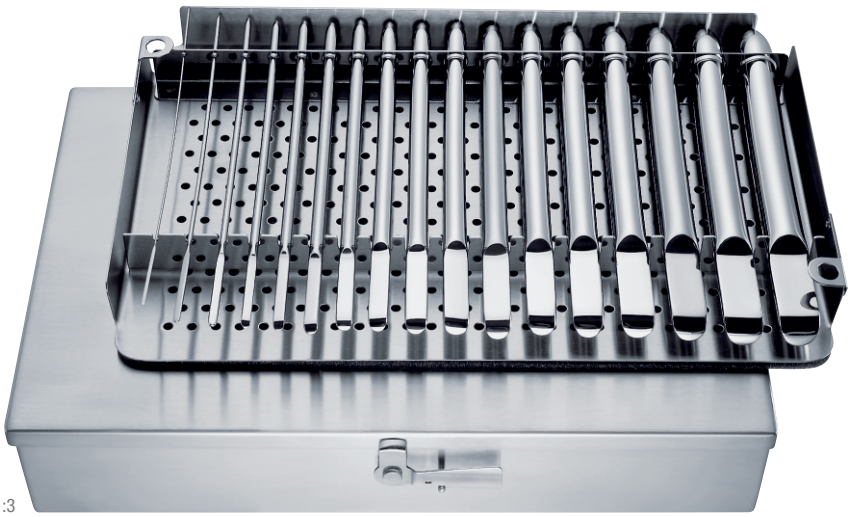
3 mm – 10 mm Ø	8	18-156-500
4 mm – 17 mm Ø	14	18-156-501
1 mm – 26 mm Ø	26	18-156-000
3 mm – 13 mm Ø	10	62-333-313

Stück per Satz	Satz, ohne Metalletui
Pieces per set	Set, without metal case
Pièces per jeu	Jeu, sans boîte en métal
Piezas para juego	Juego, sin caja de metal
Pezzi per serie	Serie, senza astuccio metallico

uterus-dilatatoren
Uterine dilators
Dilatateurs du col de l'utérus
Dilatadores uterinos
Dilatatori uterini



1:3



1:3

4 mm – 17 mm Ø	14	18-158-000
1 mm – 26 mm Ø	26	18-159-000
	Stück per Satz Pieces per set Pièces per jeu Piezas para juego Pezzi per serie	Satz, in Metalletui Set, in metal case Jeu, en boîte en métal Juego, en caja de metal Serie, con astuccio metallico

uterus-dilatatoren
Uterine dilators
Dilatateurs du col de l'utérus
Dilatadores uterinos
Dilatatori uterini



HEGAR

1/2 mm Ø	18-160-001
3/4 mm Ø	18-160-003
5/6 mm Ø	18-160-005
7/8 mm Ø	18-160-007
9/10 mm Ø	18-160-009
11/12 mm Ø	18-160-011
13/14 mm Ø	18-160-013
15/16 mm Ø	18-160-015
17/18 mm Ø	18-160-017
19/20 mm Ø	18-160-019
21/22 mm Ø	18-160-021
23/24 mm Ø	18-160-023
25/26 mm Ø	18-160-025

HEGAR

3/4 mm – 17/18 mm Ø	8	18-161-080
1/2 mm – 25/26 mm Ø	13	18-161-130

Stück per Satz	Satz, ohne Metalletui
Pieces per set	Set, without metal case
Pièces per jeu	Jeu, sans boîte en métal
Piezas para juego	Juego, sin caja de metal
Pezzi per serie	Serie, senza astuccio metallico



1:3



1:3

HEGAR

3/4 mm – 17/18 mm Ø	8	18-162-002	18-162-000
1/2 mm – 25/26 mm Ø	13		18-163-000

Stück per Satz	Satz in Stoffrolltasche	Satz, in Metalletui
Pieces per set	Set in canvas roll	Set, in metal case
Pièces per jeu	Jeu en poche de textile	Jeu, en boîte en métal
Piezas para juego	Juego en bolsa de tela	Juego, en caja de metal
Pezzi per serie	Serie in astuccio di tela	Serie, con astuccio metallico

uterus-dilatatoren
Uterine dilators
Dilatateurs du col de l'utérus
Dilatadores uterinos
Dilatatori uterini



HANK

Fig. 9 / 10	4.5 / 5.0 mm Ø	18-164-100
Fig. 11 / 12	5.5 / 6.0 mm Ø	18-164-120
Fig. 13 / 14	6.5 / 7.0 mm Ø	18-164-140
Fig. 15 / 16	7.5 / 8.0 mm Ø	18-164-160
Fig. 17 / 18	8.5 / 9.0 mm Ø	18-164-180
Fig. 19 / 20	9.5 / 10.0 mm Ø	18-164-200

HANK

4.5 / 5 mm – 9.5 / 10 mm Ø	6	18-165-060

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

Satz, allein
Set, only
Jeu, seul
Juego, sólo
Serie, solo



BRAUN 1:3

280 mm – 11 "
18-166-280



1:3

HANK

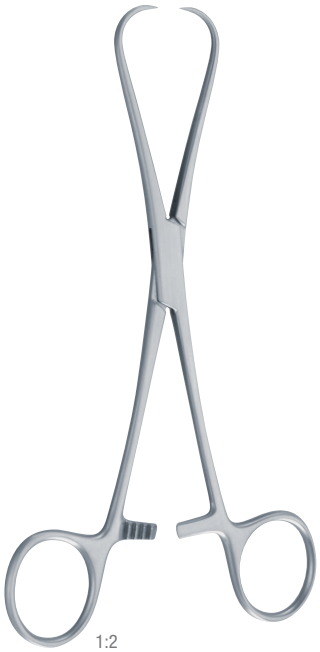
4.5 / 5 mm – 9.5 / 10 mm Ø	6	18-167-080

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

Satz in Stoffrolltasche
Set in canvas roll
Jeu en poche de textile
Juego en bolsa de tela
Serie in astuccio di tela

hakenzangen
Tenaculum forceps

Pinces pour l'abaissement du col de l'utérus
Pinzas para coger el cuello del utero
Pinze per abbassare il collo dell'utero



STAUDE-MOORE

170 mm – 6 ¾ "
18-168-170



BARRETT

180 mm – 7 "
18-169-180



SKENE

240 mm – 9 ½ "
18-170-240



BRAUN

250 mm – 9 ¾ "
18-171-250

hakenzangen
Tenaculum forceps

Pinces pour l'abaissement du col de l'utérus
Pinzas para coger el cuello del utero
Pinze per abbassare il collo dell'utero



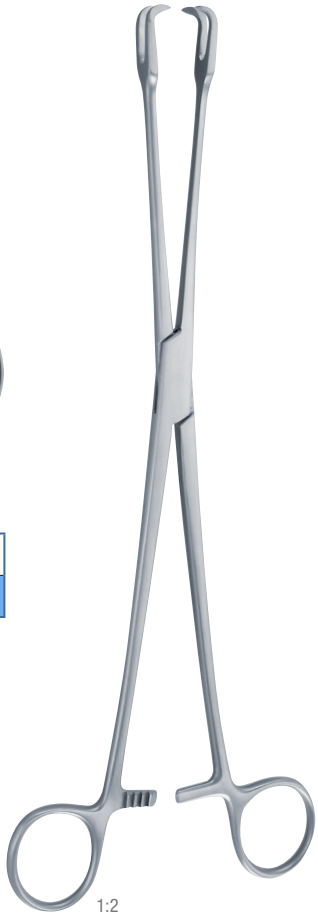
POZZI

255 mm – 10 "	
18-172-250	



SCHROEDER

250 mm – 9 ¾ "	
18-173-250	







SCHROEDER

240 mm – 9 ½ "	18-174-240	18-175-240

hakenzangen
Tenaculum forceps

Pinces pour l'abaissement du col de l'utérus
Pinzas para coger el cuello del utero
Pinze per abbassare il collo dell'utero



DUPLAY 1:2

280 mm – 11 "
18-176-280



IOWA 1:2

260 mm – 10 ¼ "
18-177-260



BEACHAM 1:2

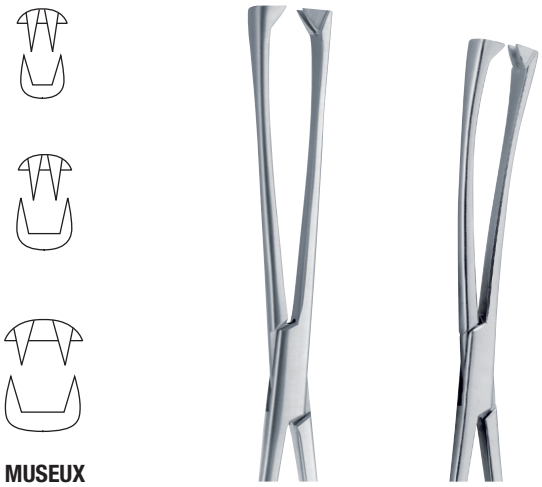
260 mm – 10 ¼ "
18-178-260

Amniotom
Amniotome
Amniotomo
Amniótomo
Amniotomo

hakenzangen
Tenaculum forceps

Pinces pour l'abaissement du col de l'utérus
Pinzas para coger el cuello del utero
Pinze per abbassare il collo dell'utero





MUSEUX

	240 mm – 9 ½ "	240 mm – 9 ½ "
6 mm	18-179-006	18-180-006
8 mm	18-179-008	18-180-008
10 mm	18-179-010	18-180-010



1:2

JACOBS

210 mm – 8 ¼ "	18-181-215	18-182-215



1:2

TEALE

230 mm – 9 "
18-183-230

hakenzangen
Tenaculum forceps

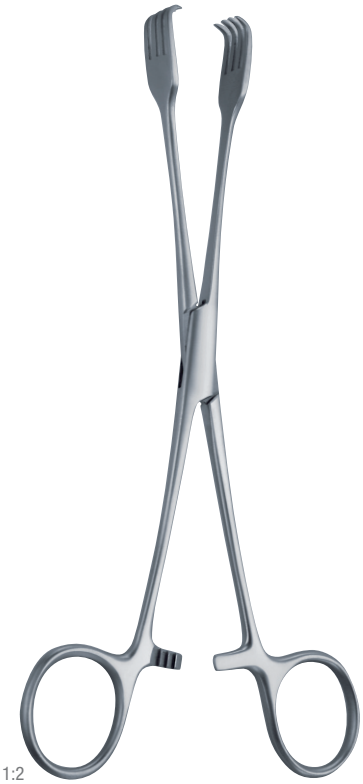
Pinces pour l'abaissement du col de l'utérus
Pinzas para coger el cuello del útero
Pinze per abbassare il collo dell'utero



1:2

PRATT

280 mm – 11 "	18-184-280

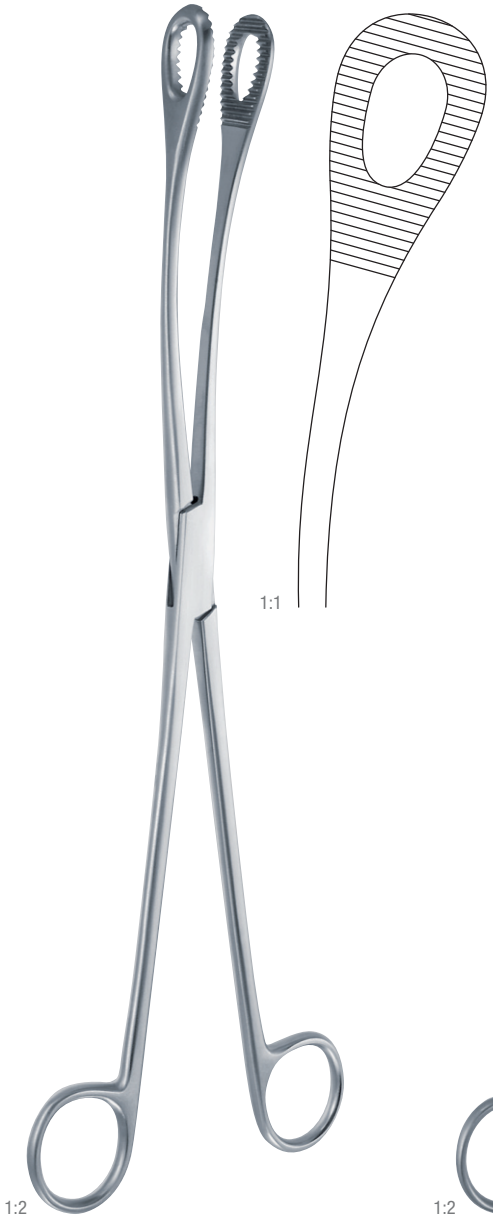


1:2

CZERNY

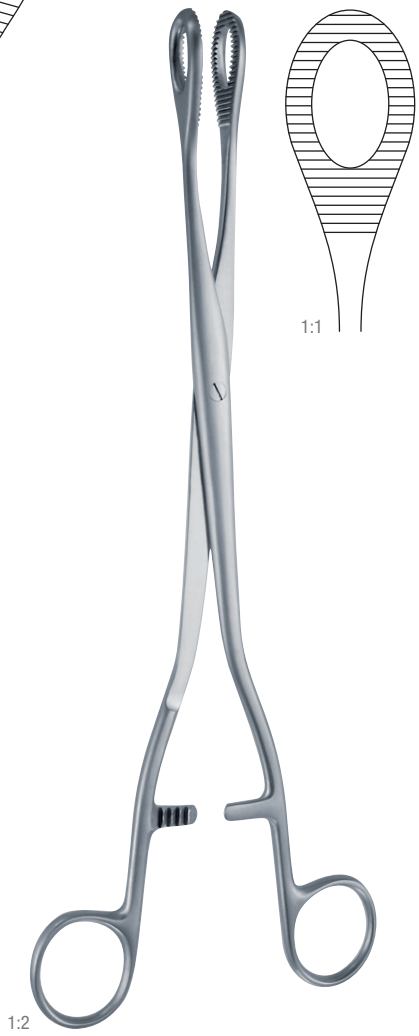
205 mm – 8 "	18-185-210

uterus-Polypenzangen
Uterine polypus forceps
Pinces à polypes utérins
Pinzas para pólipos uterinos
Pinze per polipi uterini



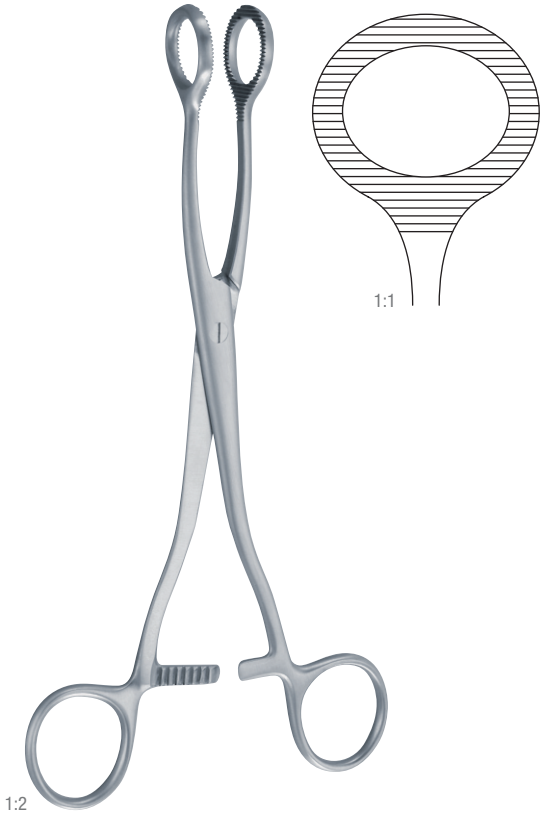
KELLY

320 mm – 12 ½ "	18-186-320



NOTO

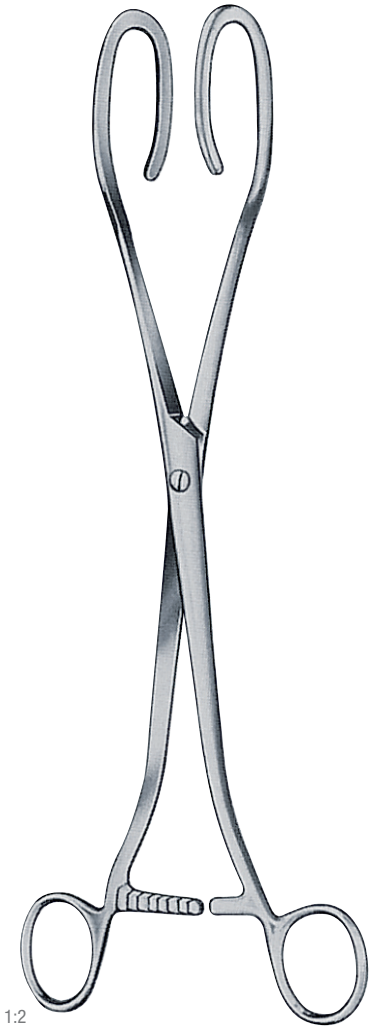
270 mm – 10 ¾ "	18-187-270



DOYEN

200 mm – 8 "	18-188-200

uterusfasszangen
Uterine seizing forceps
Pinces hystérolabes
Histerólabos
Pinze isterolabi



1:2

DARTIGUES

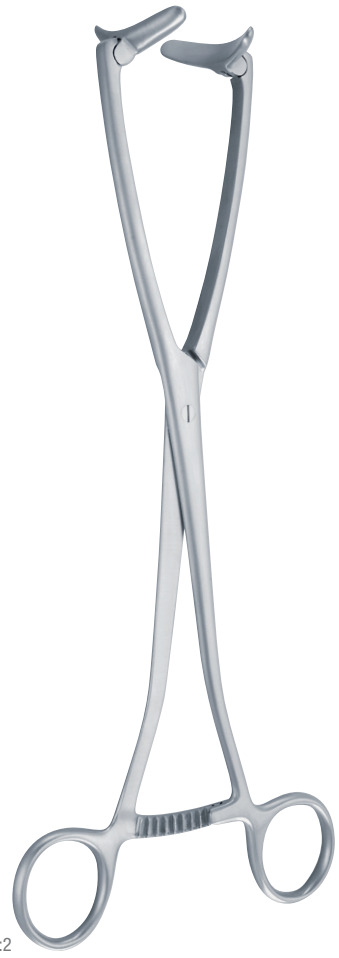
270 mm – 10 ¾ "	18-189-270



1:2

SOMER

230 mm – 9 "	18-190-230

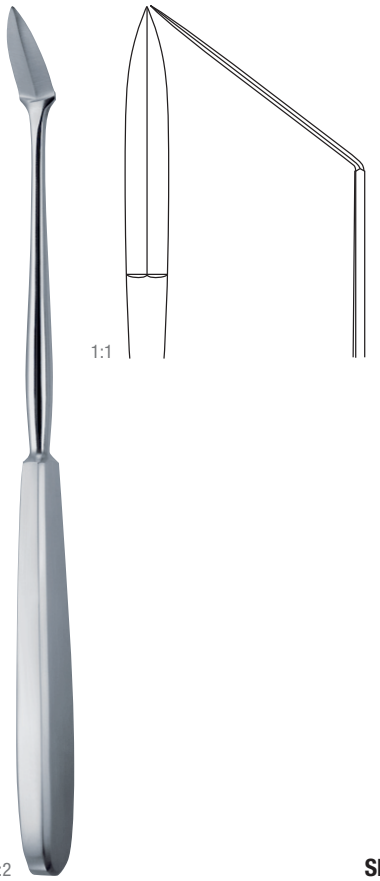


1:2

COLLIN

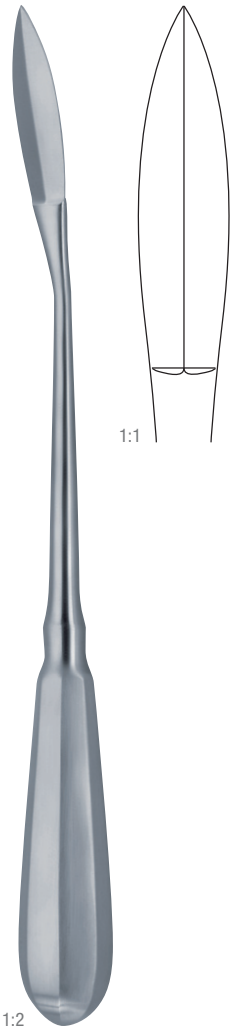
250 mm – 9 ¾ "	18-191-250

myom-instrumente
Myoma instruments
Instruments pour myomes
Instrumentos para fibroma
Strumenti per miomi



AYRE 1:2

235 mm – 9 "
18-192-235



SEGOND 1:2

270 mm – 10 ¾ "
18-193-270



DOYEN 1:2

170 mm – 6 ¾ "
18-194-170

Fistelhaken
Fistula hooks
Crochets pour fistules
Ganchos para fístulas
Uncini per fistole



SIMON

	Fig. 1	Fig. 2
220 mm – 8 ¾ "	18-195-001	18-195-002



EMMET



	Fig. 1	Fig. 2
220 mm – 8 ¾ "	18-196-001	18-196-002



	Fig. 3	Fig. 4
220 mm – 8 ¾ "	18-196-003	18-196-004



	Fig. 5
220 mm – 8 ¾ "	18-196-005

Probeexzisionszangen
Cervical biopsy and specimen forceps

Pinces emporte-pièces à biopsie
Pinzas saca-bocados para biopsía
Pinze taglienti per biopsia



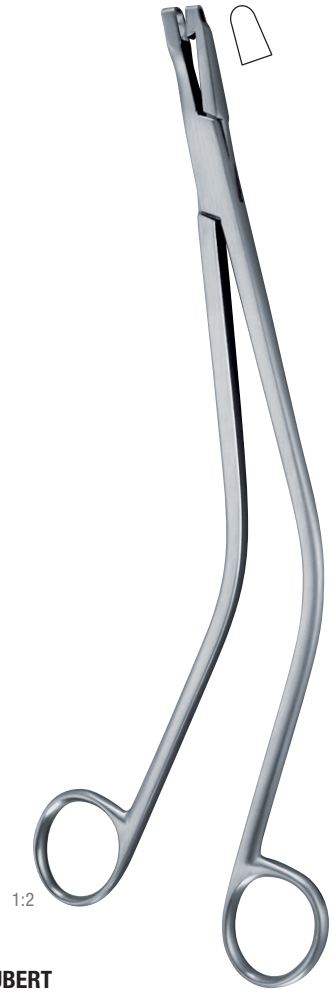
SCHUBERT

210 mm – 8 ½ "	18-197-210
280 mm – 11 "	18-197-280



FAURE

210 mm – 8 ½ "	18-198-210



SCHUBERT

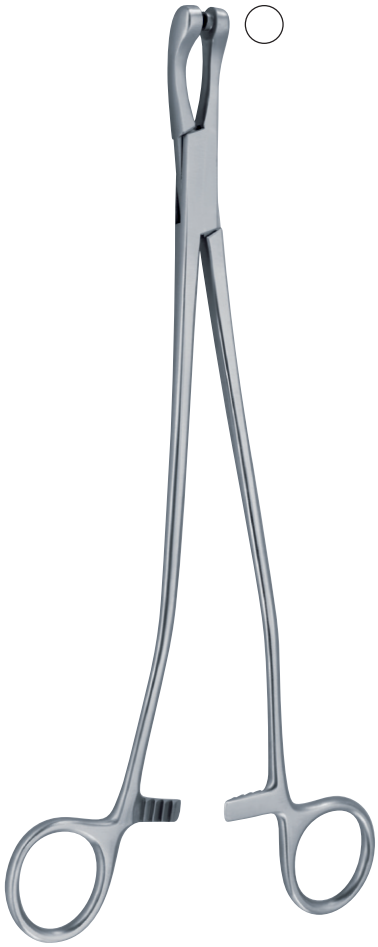
260 mm – 10 ¼ "	18-199-260

Probeexzisionszangen
Cervical biopsy and specimen forceps
Pinces emporte-pièces à biopsie
Pinzas saca-bocados para biopsía
Pinze taglienti per biopsia



GELLHORN

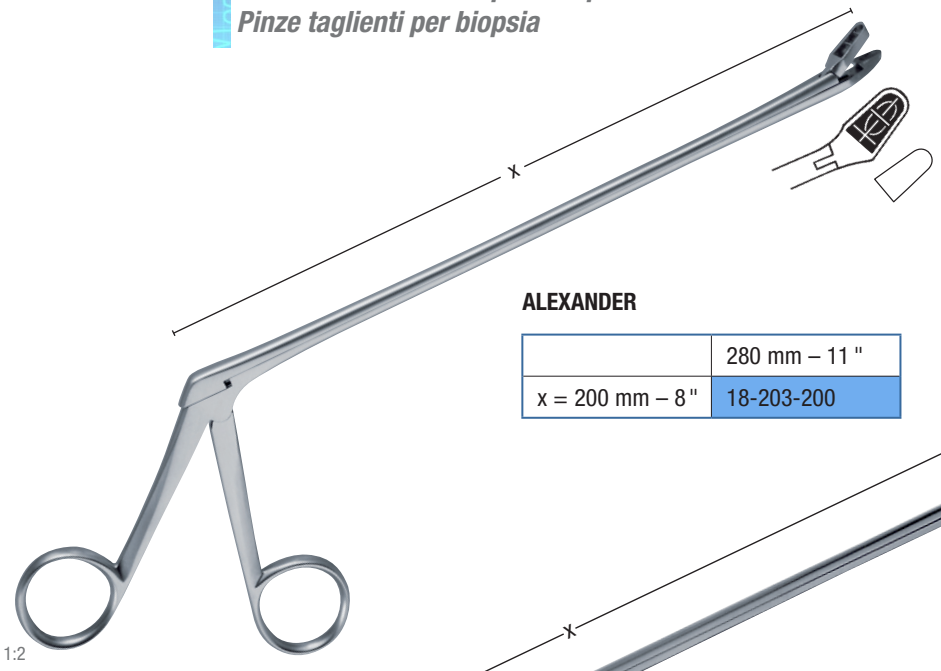
230 mm – 9 "	18-200-230



THOMS-GAYLOR

220 mm – 8 ¾ "	18-201-220
240 mm – 9 ½ "	18-201-240

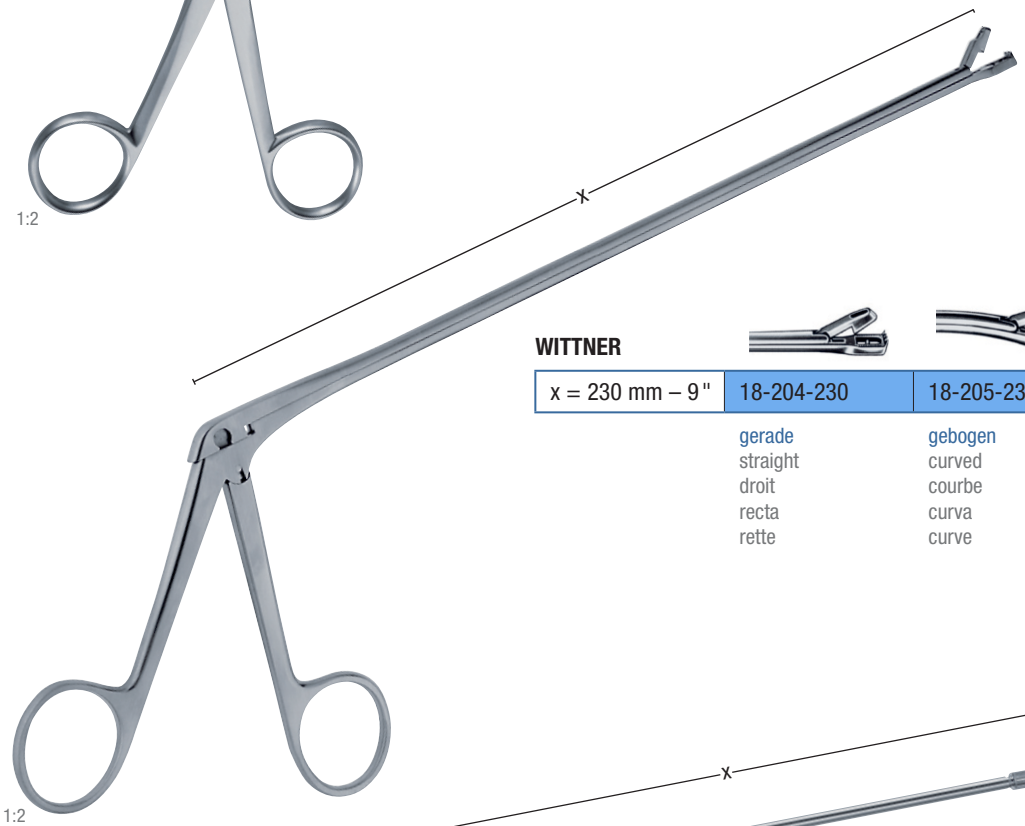
Probeexzisionszangen
Cervical biopsy and specimen forceps
Pinces emporte-pièces à biopsie
Pinzas saca-bocados para biopsía
Pinze taglienti per biopsia



1:2

ALEXANDER

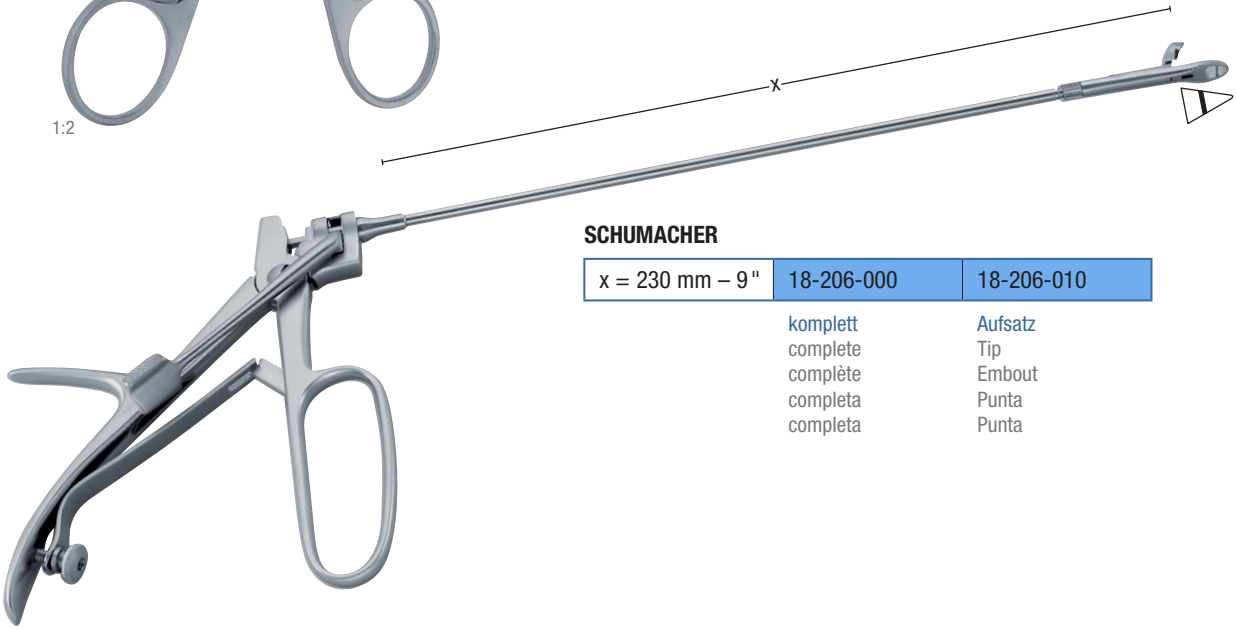
	280 mm – 11 "
x = 200 mm – 8 "	18-203-200



1:2

WITTNER

x = 230 mm – 9 "	18-204-230	18-205-230
	gerade straight droit recta rette	gebogen curved courbe curva curve

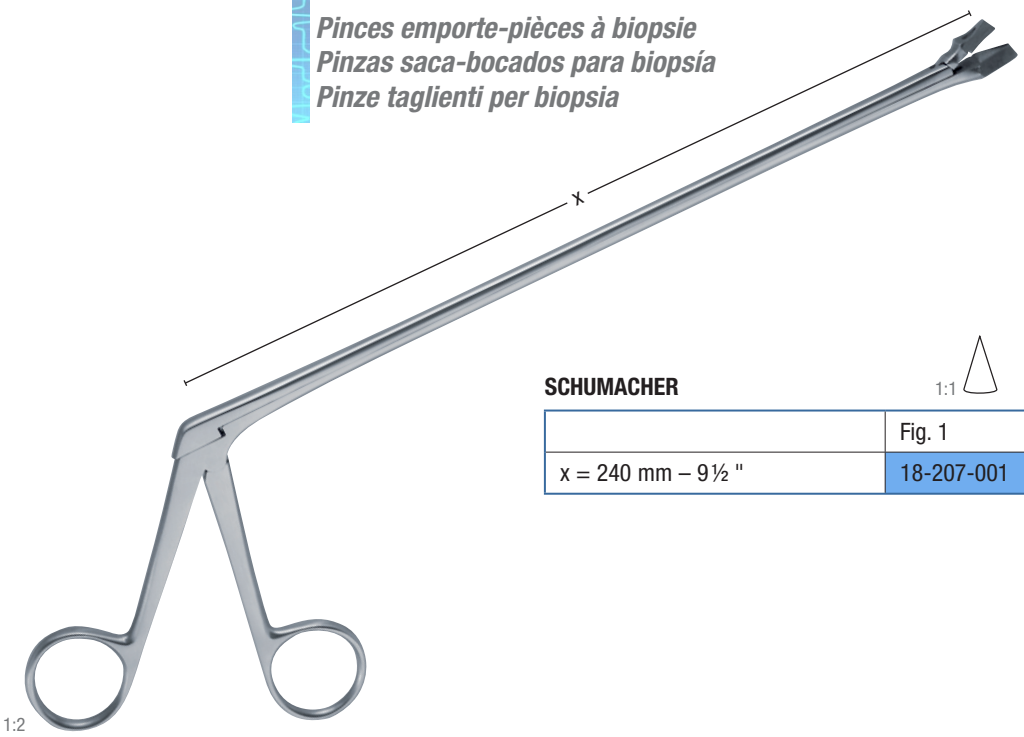


1:2

SCHUMACHER

x = 230 mm – 9 "	18-206-000	18-206-010
	komplett complete complète completa completa	Aufsatz Tip Embout Punta Punta

Probeexzisionszangen
Cervical biopsy and specimen forceps
Pinces emporte-pièces à biopsie
Pinzas saca-bocados para biopsía
Pinze taglienti per biopsia



SCHUMACHER

	Fig. 1	Fig. 2
x = 240 mm – 9½ "	18-207-001	18-207-002



VAN DOREN

250 mm – 9¾ "
18-208-250

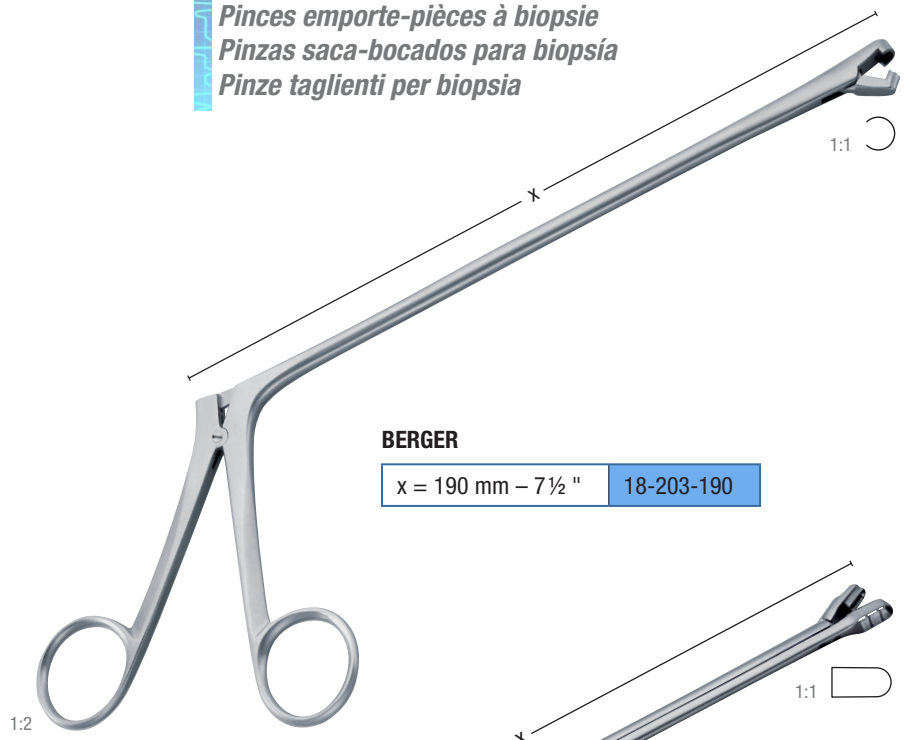


SCHUMACHER

	Fig. 1	Fig. 2
240 mm – 9½ "	18-209-001	18-209-002

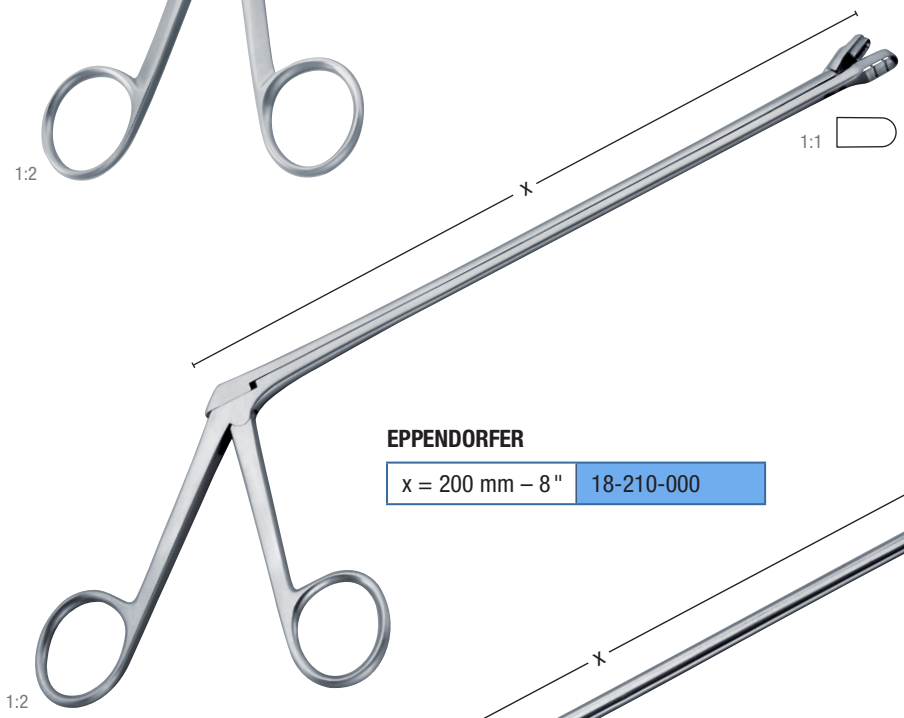
Probeexzisionszangen
Cervical biopsy and specimen forceps

Pinces emporte-pièces à biopsie
Pinzas saca-bocados para biopsía
Pinze taglienti per biopsia



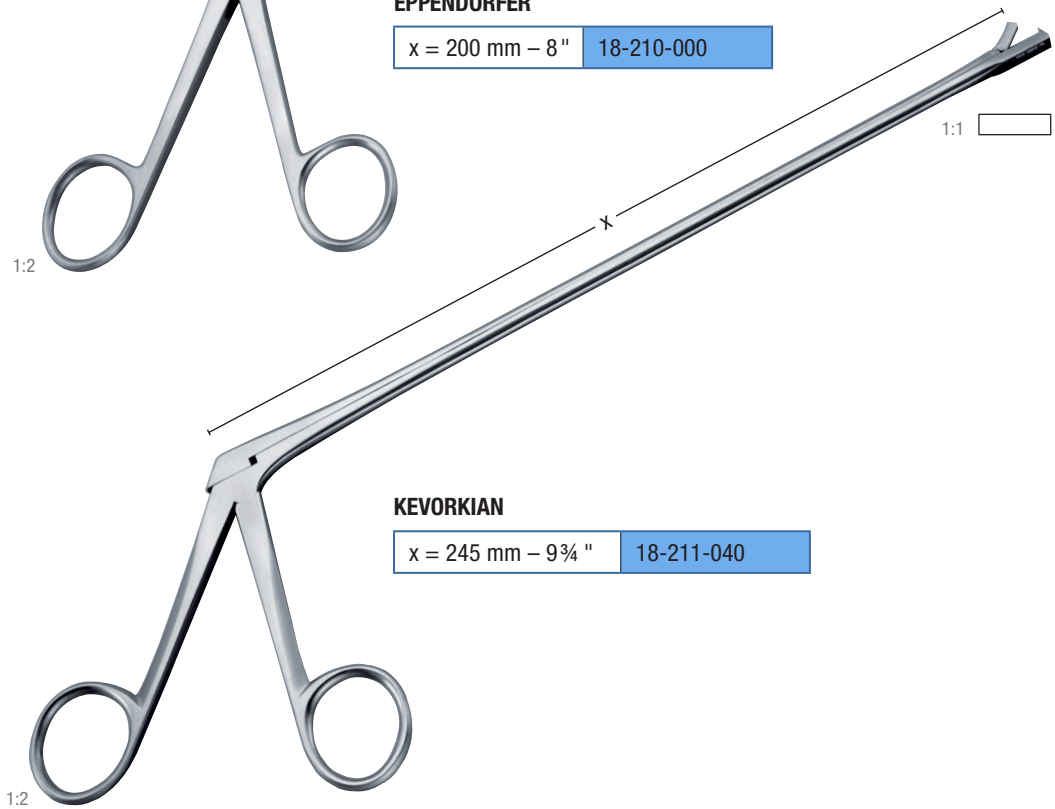
BERGER

x = 190 mm – 7½ "	18-203-190



EPPENDORFER

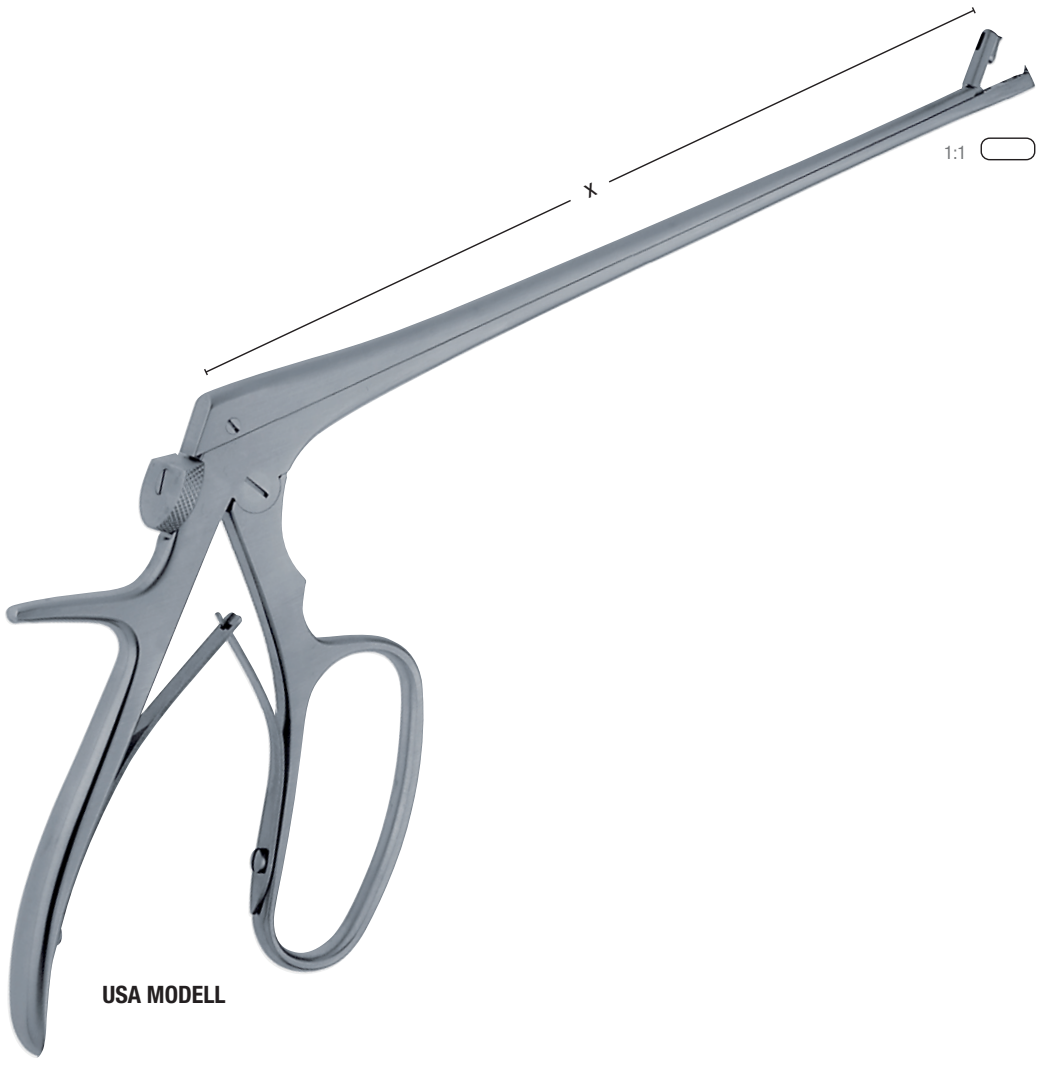
x = 200 mm – 8 "	18-210-000



KEVORKIAN

x = 245 mm – 9¾ "	18-211-040

Probeexzisionszangen
Cervical biopsy and specimen forceps
Pinces emporte-pièces à biopsie
Pinzas saca-bocados para biopsía
Pinze taglienti per biopsia



USA MODELL

TISCHLER-MORGAN USA MODELL		**TISCHLER-MORGAN**
x = 200 mm – 8 "	18-212-001	18-213-000
x = 250 mm – 9¾ "	18-212-002	18-213-010

Instrument wie abgebildet, jedoch ohne Feststellschraube
Instrument as illustrated, but without locking screw
Instrument comme illustré, mais sans vis de fixation
Instrumento según ilustración, pero sin tornillo de fijación
Pinza come illustrata però senza vite di fissaggio

Probeexzisionszangen
Cervical biopsy and specimen forceps

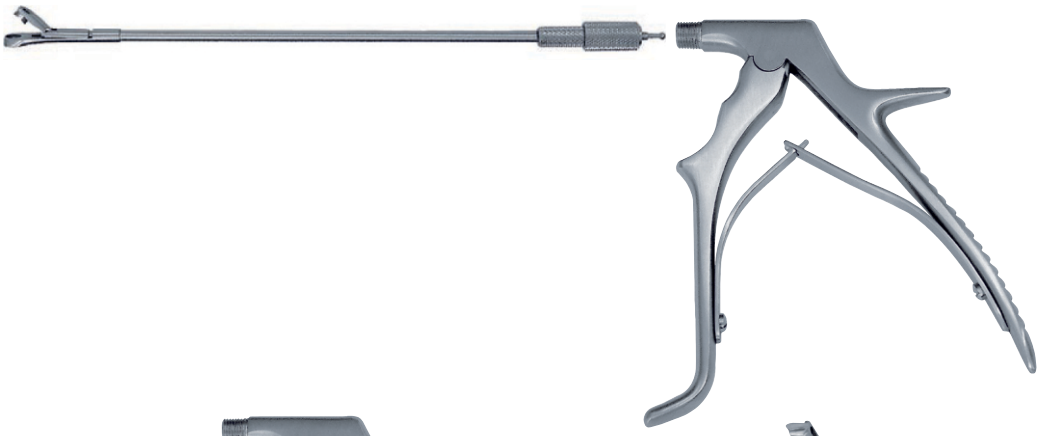
Pinces emporte-pièces à biopsie
Pinzas saca-bocados para biopsía
Pinze taglienti per biopsia



MINI-TISCHLER USA MODELL		MINI-TISCHLER
x = 200 mm – 8 "	18-214-001	18-213-030
x = 250 mm – 9¾ "	18-214-002	18-213-020

Instrument wie abgebildet, jedoch ohne Feststellschraube
Instrument as illustrated, but without locking screw
Instrument comme illustré, mais sans vis de fixation
Instrumento según ilustración, pero sin tornillo de fijación
Pinza come illustrata però senza vite di fissaggio

Probeexzisionszangen
Cervical biopsy and specimen forceps
Pinces emporte-pièces à biopsie
Pinzas saca-bocados para biopsía
Pinze taglienti per biopsia





18-215-002

Uni-Griff allein
Handle only
Poignee seule
Mango sólo
Manico solo



18-215-004

Uni-Griff allein mit Ring
Handle only
Poignee seule
Mango sólo
Manico solo



TOWNSEND

3 x 7 mm	18-215-020

aufwärts, Aufsatz allein
up, Tip only
haut, mors seul
arriba, boca sola
in alto, punta sola



TOWNSEND-MINI

2.3 x 4 mm	18-215-060

gerade, Aufsatz allein
straight, Tip only
droit, mors seul
recta, boca sola
retta, punta sola



TOWNSEND-MINI

2.3 x 4 mm	18-215-050

abwärts, Aufsatz allein
down, Tip only
bas, mors seul
abajo, boca sola
in basso, punta sola



TOWNSEND-OVAL

3 x 5 mm	18-215-030

Aufsatz allein
Tip only
Mors seul
Boca sola
Punta sola



TISCHLER-MORGAN

3 x 7 mm	18-215-110

gerade, Aufsatz allein
straight, Tip only
droit, mors seul
recta, boca sola
retta, punta sola



TOWNSEND

3 x 7 mm	18-215-010

abwärts, Aufsatz allein
down, Tip only
bas, mors seul
abajo, boca sola
in basso, punta sola



TOWNSEND-MINI

2.3 x 4 mm	18-215-070

aufwärts, Aufsatz allein
up, Tip only
haut, mors seul
arriba, boca sola
in alto, punta sola



TOWNSEND-KEVORKIAN

3 x 9 mm	18-215-040

Aufsatz allein
Tip only
Mors seul
Boca sola
Punta sola



BURKE

3 x 5 mm	18-215-080

Aufsatz allein
Tip only
Mors seul
Boca sola
Punta sola

Biopsiekürетten
Biopsy curettes
Curettes pour biopsie
Curetas para biopsía
Curette per biopsia



KEVORKIAN





	1.2 mm Ø	1.2 mm Ø
300 mm – 12 "	18-216-120	18-217-120
	fest, ohne Korb rigid, without basket rigide, sans panier rígida, sin cesta rigida, senza cestino	fest, mit Korb rigid, with basket rigide, avec panier rígida, con cesta rigida, con cestino

4 mm Ø	4 mm Ø
18-216-400	18-217-400
biegsam, ohne Korb malleable, without basket malléable, sans panier maleable, sin cesta flessibile, senza cestino	biegsam, mit Korb malleable, with basket malléable, avec panier maleable, con cesta flessibile, con cestino



RANDALL

	4 mm Ø
240 mm – 9 ½ "	18-218-240



NOVAK

	4 mm Ø
230 mm – 9 "	18-219-230

MINI-NOVAK

	235 mm – 9 ¼ "
1 mm Ø	18-220-010
2 mm Ø	18-220-020
3 mm Ø	18-220-030
4 mm Ø	18-220-040

absaugküretten
Aspirating curettes
Curettes d'aspiration
Curetas de aspiración
Curette per aspirazione



	200 mm – 11 ½ "
3 mm Ø	18-221-030
4.5 mm Ø	18-221-040
6 mm Ø	18-221-060
8 mm Ø	18-221-080
10 mm Ø	18-221-100
12 mm Ø	18-221-120
14 mm Ø	18-221-140

Probe- und Absaugkürette
Specimen and aspirating curette
Curette à biopsies et d'aspiration
Cureta de biopsia y de aspiración
Curette per biopsia ed per aspirazione

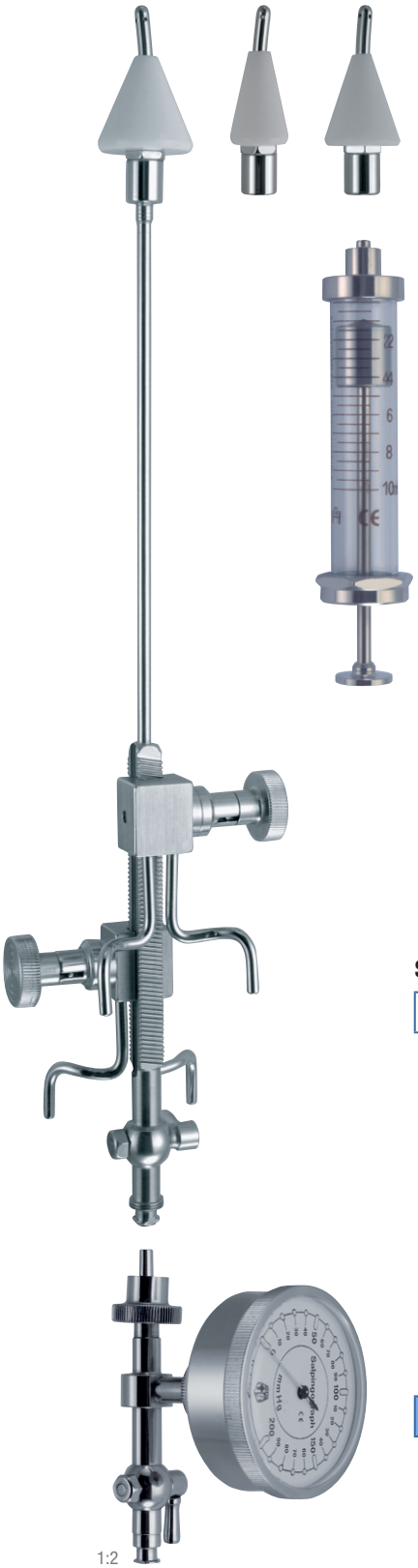


1:2

120 mm – 4 ¾ "	18-221-500

Kupplungsstück
Coupling piece
Pièce d'accouplement
Pieza de conexión
Pezzo di connessione

Salpingograph
Salpingograph
Salpingographe
Salpingógrafo
Salpingografo



1:2

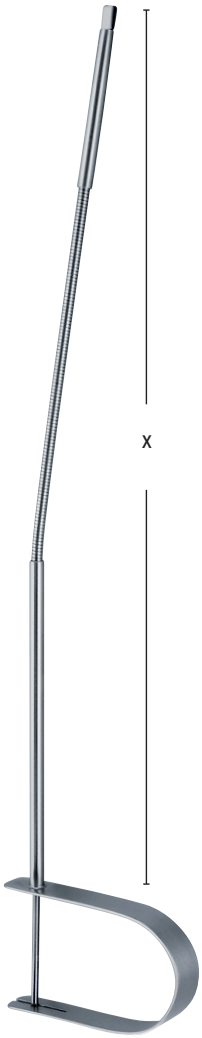
SCHULTZE

295 mm – 11 ½ "	

Salpingograph, komplett im Holzetui
Salpingograph, complete in wooden case
Salpingographe, complet en etui de bois
Salpingógrafo, completa en caja de madera
Salpingografo, completo in astuccio di legno

1:2

Manometer alleine
Manometer only
Manomètre seule
Manómetro sólo
Manometro solo



1:2

	4 mm Ø
x = 230 mm – 9 "	18-223-300

Zange zum Entfernen von Spiralen
Forceps for I.U.D. removings
Pince pour enlever des stérilets
Pinza para remover la espiral de esterilidad
Pinza per distaccare la spirale

uterusküretten
Uterine curettes
Curettes utérines
Curetas uterinas
Curette uterine

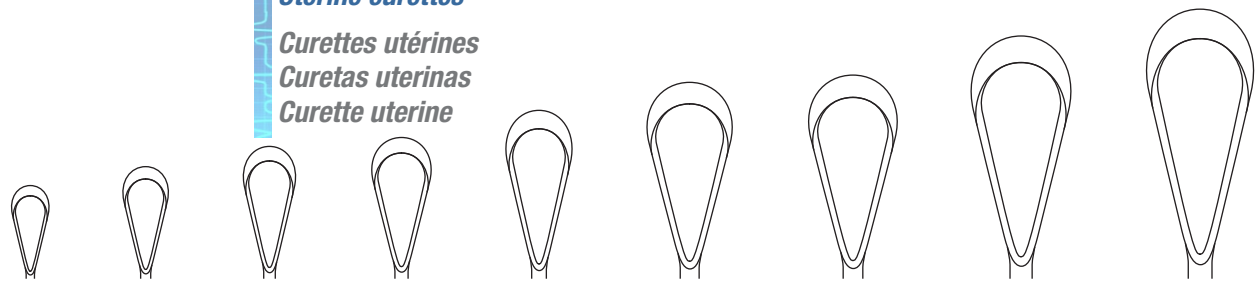


Fig. 00 Fig. 0 Fig. 1 Fig. 2 Fig. 3 Fig. 4 Fig. 5 Fig. 6 Fig. 7

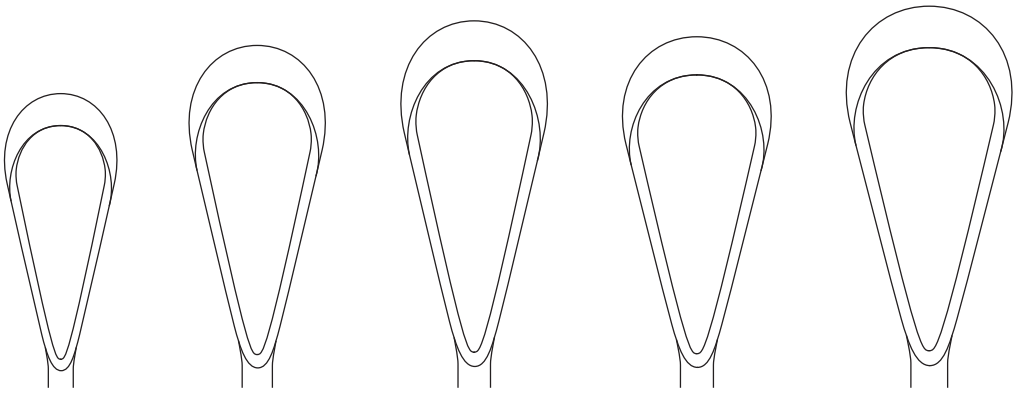
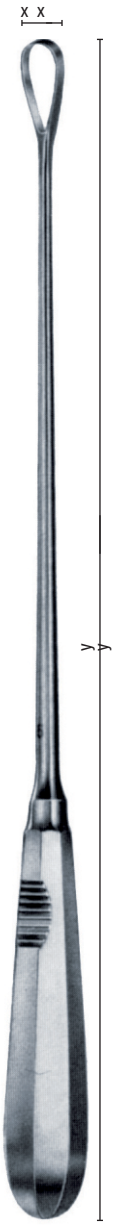


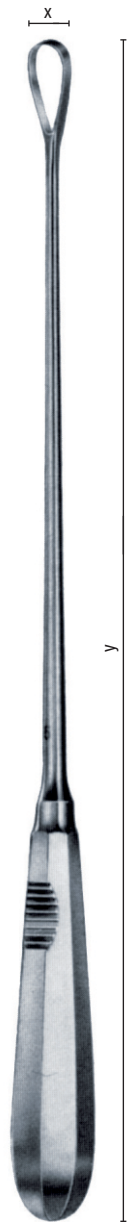
Fig. 8 Fig. 9 Fig. 10 Fig. 11 Fig. 12

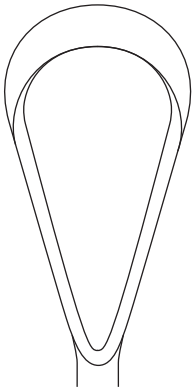


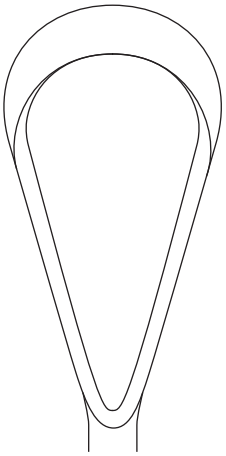
RECAMIER

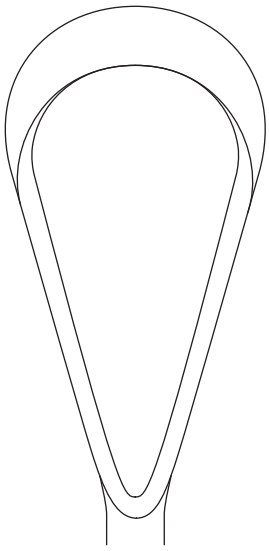
y = 260 mm – 10¼ "	Fig.	mm				
	00	5	18-224-002	18-225-002	18-226-002	18-227-002
	0	6	18-224-003	18-225-003	18-226-003	18-227-003
	1	7	18-224-010	18-225-010	18-226-010	18-227-010
	2	8	18-224-020	18-225-020	18-226-020	18-227-020
	3	9	18-224-030	18-225-030	18-226-030	18-227-030
	4	11	18-224-040	18-225-040	18-226-040	18-227-040
	5	12	18-224-050	18-225-050	18-226-050	18-227-050
	6	14	18-224-060	18-225-060	18-226-060	18-227-060
	7	15	18-224-070	18-225-070	18-226-070	18-227-070
	8	16	18-224-080	18-225-080	18-226-080	18-227-080
	9	19	18-224-090	18-225-090	18-226-090	18-227-090
	10	20	18-224-100	18-225-100	18-226-100	18-227-100
	11	21	18-224-110	18-225-110	18-226-110	18-227-110
	12	23	18-224-120	18-225-120	18-226-120	18-227-120
y = 310 mm – 12¼ "	Fig.	mm				
	00	5	18-228-002	18-229-002	18-230-002	18-231-002
	0	6	18-228-003	18-229-003	18-230-003	18-231-003
	1	7	18-228-010	18-229-010	18-230-010	18-231-010
	2	8	18-228-020	18-229-020	18-230-020	18-231-020
	3	9	18-228-030	18-229-030	18-230-030	18-231-030
	4	11	18-228-040	18-229-040	18-230-040	18-231-040
	5	12	18-228-050	18-229-050	18-230-050	18-231-050
	6	14	18-228-060	18-229-060	18-230-060	18-231-060
	7	15	18-228-070	18-229-070	18-230-070	18-231-070
	8	16	18-228-080	18-229-080	18-230-080	18-231-080
	9	19	18-228-090	18-229-090	18-230-090	18-231-090
	10	20	18-228-100	18-229-100	18-230-100	18-231-100
	11	21	18-228-110	18-229-110	18-230-110	18-231-110
	12	23	18-228-120	18-229-120	18-230-120	18-231-120
			scharf, starr sharp, rigid tranchante, rigide cortante, rígida tagliente, rigida	scharf, biegsam sharp, malleable tranchante, malléable cortante, maleable tagliente, flessibile	stumpf, starr blunt, rigid mousse, rigid roma, rígida smussa, rigida	stumpf, biegsam blunt, malleable mousse, malléable roma, maleable smussa, flessibile

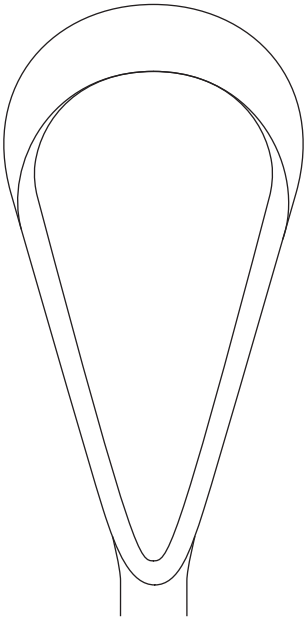
uterusküretten
Uterine curettes
Curettes utérines
Curetas uterinas
Curette uterine




Fig. 13


Fig. 14


Fig. 15


Fig. 16

RECAMIER

y = 340 mm – 13½ "	Fig.	x = mm				
	13	25	18-228-130	18-229-130	18-230-130	18-231-130
	14	30	18-228-140	18-229-140	18-230-140	18-231-140
	15	35	18-228-150	18-229-150	18-230-150	18-231-150
	16	40	18-228-160	18-229-160	18-230-160	18-231-160
			scharf, starr sharp, rigid tranchante, rigide cortante, rígida tagliente, rigida	scharf, biegsam sharp, malleable tranchante, malléable cortante, maleable tagliente, flessibile	stumpf, starr blunt, rigid mousse, rigid roma, rígida smussa, rigida	stumpf, biegsam blunt, malleable mousse, malléable roma, maleable smussa, flessibile

Scharfe löffel
Uterine spoons
Curettes tranchantes
Cucharillas cortantes
Cucchiai taglienti



SIMON







	Fig. 1	Fig. 2	Fig. 3
250 mm – 9¾"	18-232-001	18-232-002	18-232-003

scharf, fest
sharp, rigid
tranchante, rigide
cortante, rígida
taglienti, rigido



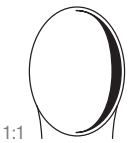




Fig. 4	Fig. 5	Fig. 6
18-232-004	18-232-005	18-232-006



SCHRÖDER



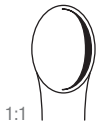
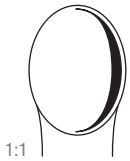




	Fig. 1	Fig. 2	Fig. 3
300 mm – 12"	18-233-001	18-233-002	18-233-003





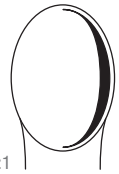


Fig. 4	Fig. 5	Fig. 6
18-233-004	18-233-005	18-233-006

Geburtszangen
Obstetrical forceps
Forceps obstétriques
Forceps obstétricos
Forcipi



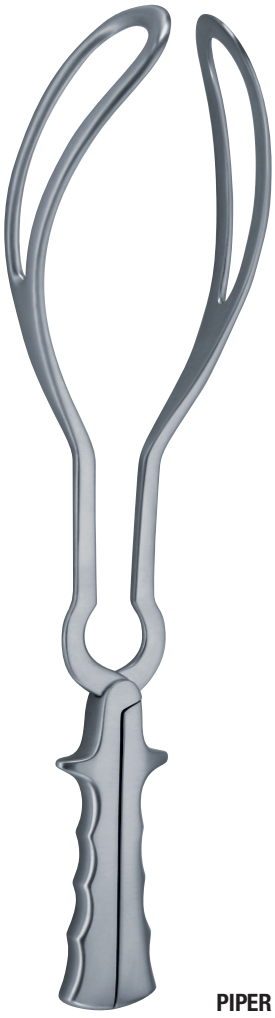
SIMPSON 1:3

300 mm – 12 "	18-234-300



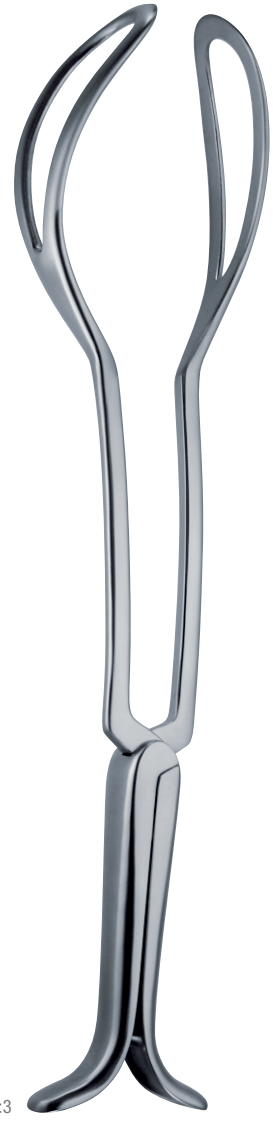
SIMPSON-BRAUN

330 mm – 13 "	18-235-330
360 mm – 14 ¼ "	18-236-360



NAEGELE

360 mm – 14 ¼ "	18-237-360
400 mm – 16 "	18-237-400



PIPER 1:3

440 mm – 17 ¼ "	18-238-440

Geburtszangen
Obstetrical forceps
Forceps obstétriques
Forceps obstétricos
Forcipi



SIMPSON-LUIKART 1:3

360 mm – 14 ¼ "	18-239-360



WRIGLEY 1:3

230 mm – 9 "	18-240-230

für Kaiserschnitt
for caesarian section
pour césarienne
para operación cesárea
per taglio cesareo



DE LEE 1:3

300 mm – 12 "	18-241-300



DE LEE

360 mm – 14 ¼ "	18-242-360
390 mm – 15 ½ "	18-242-390

Geburtszangen
Obstetrical forceps
Forceps obstétriques
Forceps obstétricos
Forcipi



ELLIOT

320 mm – 12 ½ "	18-243-320
380 mm – 15 "	18-243-380



MCLEAN 1:3

360 mm – 14 ¼ "	18-244-360



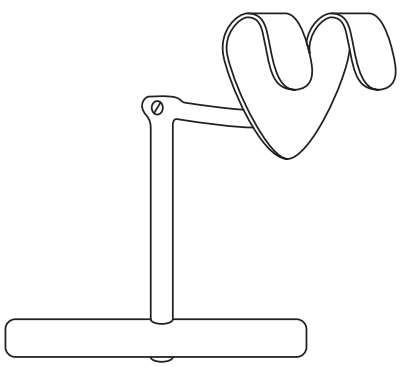
KIELLAND 1:3

410 mm – 16 ¼ "	18-245-410



KIELLAND-LUIKAR T 1:3

400 mm – 16 "	18-246-400



BILL

18-247-000

Zughebel, passend für alle Geburtszangen mit gehorntem Standard-Griff
Traction handle for all the forceps with horned standard handle
Dispositif de traction pour tous les forceps avec manche normal à cornes
Dispositivo de tracción para todos los forceps con mango standard con curva
Impugnatura di trazione adatto a tutti i forcipi con manico standard con corne

Geburtshilfe
Obstetrics
Obstétrique
Obstétricia
Ostetricia



SELLHEIM 1:2

280 mm – 11 "	18-248-280

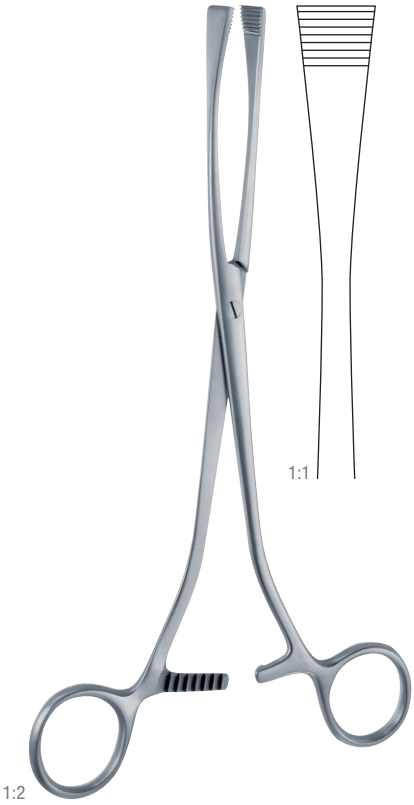
Geburtslöffel
Obstetric lever
Cuillère obstétricale
Cuchara obstétrica
Cucchaio obstetrico



BRAUN 1:2

300 mm – 12 "	18-249-300

Dekapitationshaken
Decapitating hook
Crochet de décapitation
Gancho de descapitación
Uncino di decapitazione



1:1
1:2

GREEN-ARMYTAGE

210 mm – 8 ¼ "	18-250-210

Uterusklemmzange
Uterine elevating forceps
Pince uterine
Pinza para el utero
Pinza uterina

Geburtshilfe
Obstetrics
Obstétrique
Obstétricia
Ostetricia



SMELLIE 1:3

250 mm – 10 "	18-251-250

Perforatorium
Perforator
Perforateur
Perforador
Perforatore



BRAUN 1:3

420 mm – 16 ½ "	18-252-420

Kranioklast, ein Maul gefenstert
Cranioclast, one jaw fenestrated
Cranioclaste, une partie fenetrée
Craneolasto, una boca fenestrada
Cranioclaste, un lato fenestrato

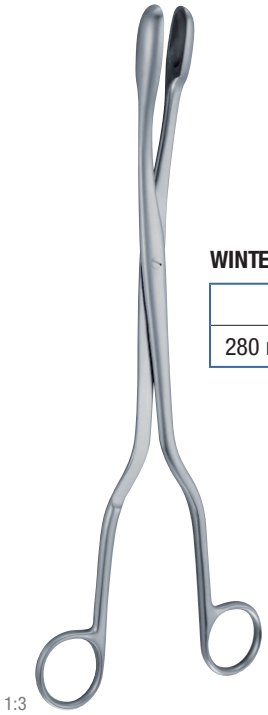


TARNIER 1:3

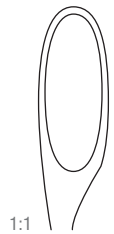
460 mm – 17 ¼ "	18-253-460

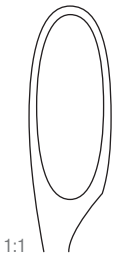
Basiotrib
Basiotribe
Basiotribe
Basiotribo
Basiotribo

abortuszangen – abortusküretten
Abortion forceps – Ovum curettes
Pinces à faux germes – Curette d'avortement
Pinzas para aborto – Curetas para aborto
Pinze per placenta ed aborto – Curette per placenta ed aborto


1:3

WINTER


1:1


1:1

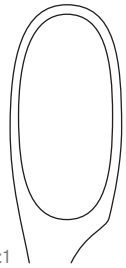

1:1

	Fig. 1	Fig. 2	Fig. 3
280 mm – 11 "	18-254-001	18-254-002	18-254-003

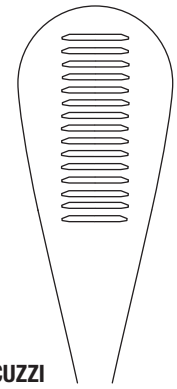
gerade
straight
droit
recta
rette

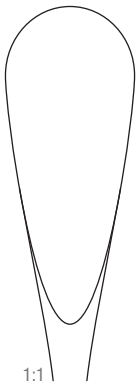
18-255-001	18-255-002	18-255-003

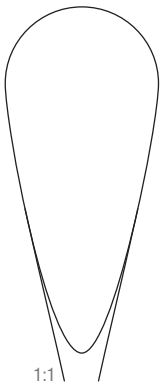
gebogen
curved
courbe
curva
curve


1:3

CUZZI


1:1


1:1

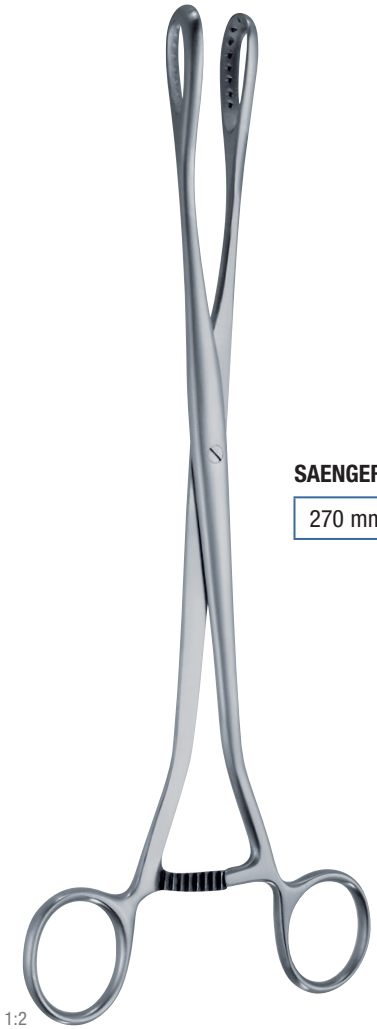

1:1

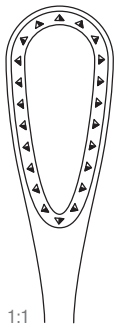
	14.5 mm	18.0 mm	21.0 mm
300 mm – 12 "	18-256-140	18-256-180	18-256-210

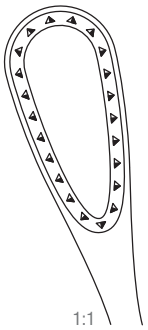
stumpf, Rückseite gerieft
blunt, back serrated
mousse, dos strié
romo, dorso estriado
smusso, dorso zigrinato

abortuszangen – abortusküretten
Abortion forceps – Ovum curettes

Pinces à faux germes – Curette d'avortement
Pinzas para aborto – Curetas para aborto
Pinze per placenta ed aborto – Curette per placenta ed aborto


1:2


1:1


1:1

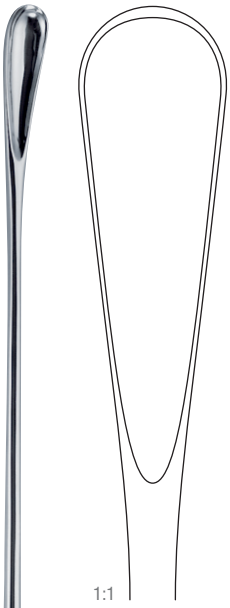
SAENGER

270 mm – 10 ¾ "	18-257-270	18-258-270


1:1

PESTALOZZA 1:3

300 mm – 12 "	18-259-300


1:1

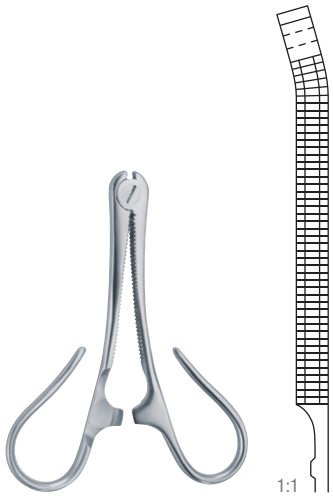


WALLICH 1:3

420 mm – 16 ½ "	18-260-420

stumpf
blunt
mousse
roma
smussa

nabelschnurklemmen
Umbilical cord clamps
Clamps pour le cordon ombilical
Clamps umbilicales
Pinze ombelicali



KANE 1:2 1:1

85 mm – 3 ¼ "	18-261-085



COLLIN 1:2

90 mm – 3 ½ "	18-262-090

Beckenzirkel
Pelvimeters
Pelvimétres
Pelvímetros
Pelvimetri



MARTIN 1:3

340 mm – 13 ½ "	18-263-340

cm / Zoll-Scala
cm / inch-scale
échelle en cm / pouces
escala cm / pulgadas
scala cm / pollici



COLLIN 1:3

350 mm – 13 ¾ "	18-264-350

cm-Scala
cm-scale
échelle en cm
escala en cm
scala in cm

» AUTOPSIE

» AUTOPSY

» AUTOPSIE

» AUTOPSIA

» AUTOPSIA

NJ ENTERPRISES



Autopsie Instrumente
Instruments for autopsy
Instruments pour la autopsie
Instrumentos para la autopsia
Strumenti per autopsia



1:2 1:2

BRUNETTI

280 mm – 11 "	19-101-280	19-102-280

Meißel zur Öffnung der Wirbelsäule
Chisels for opening the spinal column
Burins pour ouvrir la colonne vertebrale
Cinceles para abrir la columna vertebral
Scalpelli per aprire la colonna vertebrale



1:2

220 mm – 8 ¾ "	
19-103-220	

Rachiotom
Rachiotome
Rachiotome
Raquiótomo
Rachiotomo

Autopsie Instrumente
Instruments for autopsy

Instruments pour la autopsie
Instrumentos para la autopsia
Strumenti per autopsia



1:2

270 mm – 10 ¾ "
19-104-000



1:2

130 mm – 5 "	x = 20 mm	x = 23 mm
	19-105-129	19-105-130

Autopsie Instrumente
Instruments for autopsy
Instruments pour la autopsie
Instrumentos para la autopsia
Strumenti per autopsia



VIRCHOW

19-106-120

Schädelspalter
Skull breaker
Burin casse-crâne
Cincel rompe cráneo
Apri cranio

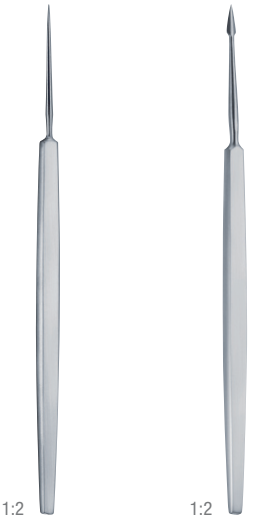


100 mm – 4 ⅛ "
19-107-070

Muskelhaken
Muscle hook
Crochet musculaire
Gancho muscular
Uncino muscolare



160 mm – 6 ¼ "
10 mm x 50 mm
19-108-160



135 mm – 5 ¼ "	19-109-135	19-110-135

Präpariernadeln
Dissecting needles
Aiguilles à préparation
Agujas para preparaciones
Aghi per preparazione

» VERSCHIEDENES

» MISCELLANEOUS

» ARTICLES DIVER

» DIVERSOS ARTÍCULO

» ARTICOLI DIVERS

NJ ENTERPRISES



Bleihände
Lead hands

Manches en plomb
Manos de plomo
Mani di piombo



1:3

20-101-001	20-101-002
für Kinder for children pour enfants para niños per bambini	für Erwachsene for adults pour adultes para adultos per adulti



1:3

20-102-003	20-102-004
für Kinder, mit Silikonüberzug child size with silicone coating pour enfants, avec couche de silicone para niños, con cubierta de silicon per bambini, rivestito di silicone	für Erwachsene, mit Silikonüberzug adult size with silicone coating pour adultes, avec couche de silicon para adultos, con cubierta de silicon per adulti, rivestito di silicone

Instrumente für Finger- und Zehennägel
Nail instruments
Instruments à ongles
Instrumentos para uñas
Strumenti per unghie


1:2

FELDHEIM

100 mm – 4 "	20-103-100

Finger- und Zehenkompressorium
Tourniquet for fingers and toes
Tourniquet pour doigts des mains et pieds
Torniquete para los dedos de manos y pies
Compressorio per dita di mano e piede


1:2


1:1


1:1

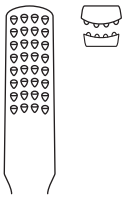

1:1

	Fig. 1	Fig. 2	Fig. 3	Fig. 1, Fig. 2, Fig. 3
20-105-000	20-104-010/1	20-104-010/2	20-104-010/3	20-104-010

komplett mit Fig. 1 – 3
complete with Fig. 1 – 3
complet avec Fig. 1 – 3
completa con Fig. 1 – 3
completo con Fig. 1 – 3

Satz
Set
Jeu
Juego
Serie


1:2



RADOLF

135 mm – 5 ¼ "	20-106-140


1:2

ANVIL

135 mm – 5 ¼ "	20-107-135

Fingerringsägen
Finger ring saws

Scies pour couper des bagues
Sierras para abrir anillos
Seghe per anelli



1:2

170 mm – 6 ¾ "	
20-108-000	20-110-000

Sägeblatt allein
Blade only
Lame seule
Hoja sola
Lama sola

WALTON



1:2

160 mm – 6 ¼ "	
20-111-000	20-109-000

Sägeblatt allein
Blade only
Lame seule
Hoja sola
Lama sola



1:2

170 mm – 6 ¾ "	
20-112-000	20-112-010

Sägeblatt allein
Blade only
Lame seule
Hoja sola
Lama sola

Lupuslöffel
Lupus curettes
Curettes pour les lupus
Curetas para lupus
Curette per lupus


1:2

VIDAL 1:1



140 mm – 5 ½ "
20-113-140

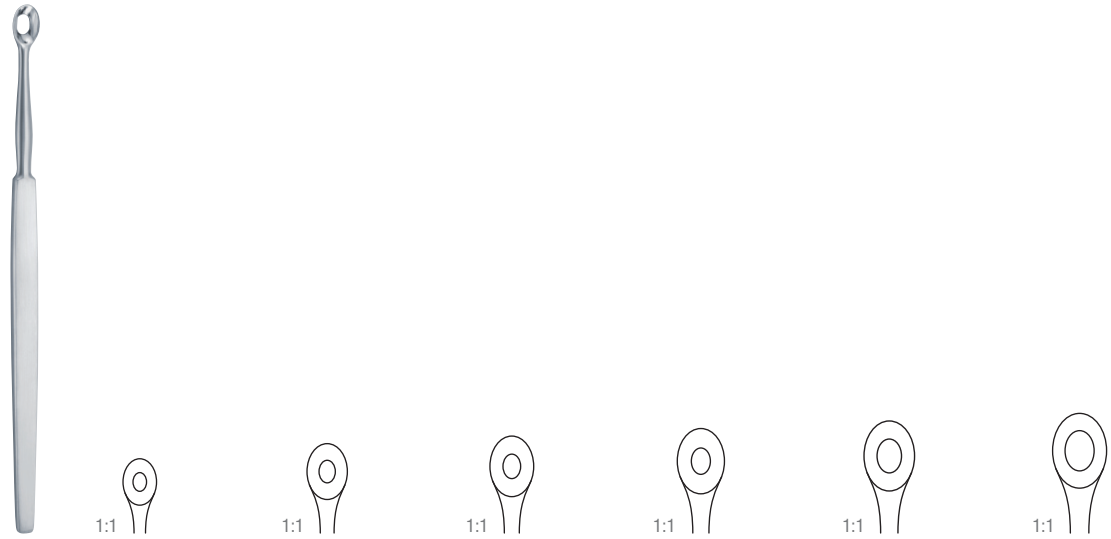

1:2

FOX


1:1 1:1 1:1 1:1

	Fig. 1	Fig. 2	Fig. 3	Fig. 4
	3 mm Ø	4 mm Ø	5 mm Ø	6 mm Ø
140 mm – 5 ½ "	20-114-003	20-114-004	20-114-005	20-114-006

Häkchen
Hooklets
Crochets
Ganchos
Uncini



WOLFF

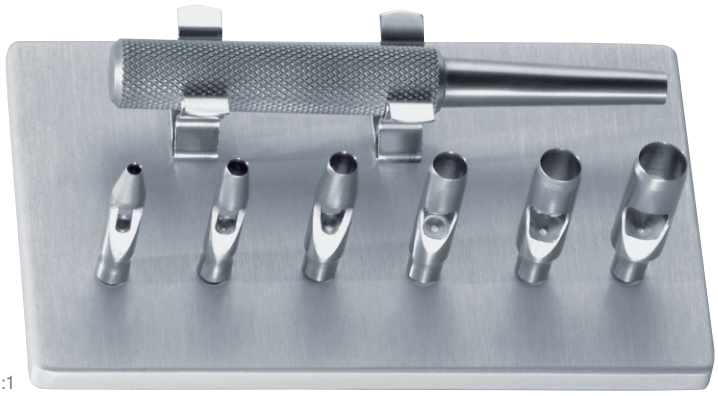
	Fig. 1	Fig. 2	Fig. 3	Fig. 4	Fig. 5	Fig. 6
140 mm–5 ½ "	20-115-010	20-115-020	20-115-030	20-115-040	20-115-050	20-115-060

Trephinen
Trephines
Trépans
Trépanos
Trefine


1:2

KEYES

	1:1 ○ Fig. 1	1:1 ○ Fig. 2	1:1 ○ Fig. 3	1:1 ○ Fig. 4	1:1 ○ Fig. 5	1:1 ○ Fig. 6	1:1 ○ Fig. 7
	2 mm Ø	3 mm Ø	4 mm Ø	5 mm Ø	6 mm Ø	7 mm Ø	8 mm Ø
120 mm – 4 ¾ "	20-116-002	20-116-003	20-116-004	20-116-005	20-116-006	20-116-007	20-116-008


1:1

KEYES

20-117-000

Hautstanze – komplett mit 6 auswechselbaren Aufsätzen, Ø 2 mm – 7 mm
Punch – complete with 6 interchangeable tips, Ø 2 mm – 7 mm
Poinçon – complet avec 6 pointes interchangeables, Ø 2 mm – 7 mm
Punzón – completo con 6 puntas intercambiables, Ø 2 mm – 7 mm
Punzone – completo con 6 testine intercambiabili, Ø 2 mm – 7 mm

KEYES

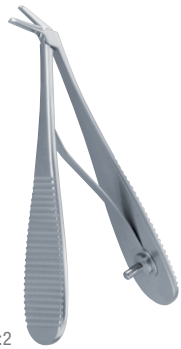
	1:1 ○ 2 mm Ø	1:1 ○ 3 mm Ø	1:1 ○ 4 mm Ø	1:1 ○ 5 mm Ø	1:1 ○ 6 mm Ø	1:1 ○ 7 mm Ø
120 mm – 4 ¾ "	20-117-002	20-117-003	20-117-004	20-117-005	20-117-006	20-117-007

Aufsätze
Tips
Pointes
Puntas
Testine

KEYES

120 mm – 4 ¾ "	20-117-001

Griff, allein
Handle, only
Manche, seul
Mango, sólo
Manico, solo

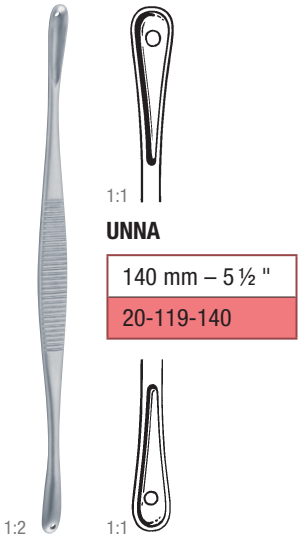

1:2

HOLTH

90 mm – 3 ½ "	2 mm	20-118-090

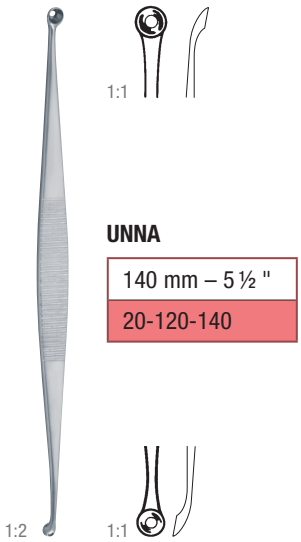
Hautstanze
Punch
Poinçon
Punzón
Punzone

Komedoneninstrumente
Comedones extractors
Tire-comédons
Saca-comedones
Tiracomedoni



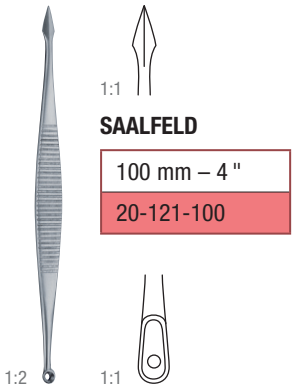
UNNA

140 mm – 5 ½ "
20-119-140



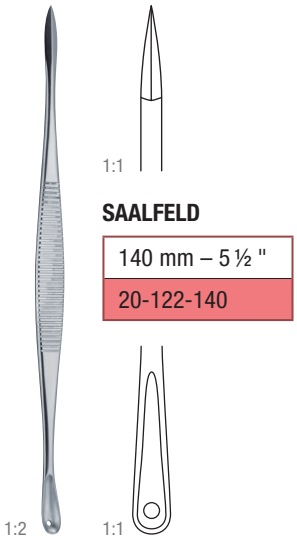
UNNA

140 mm – 5 ½ "
20-120-140



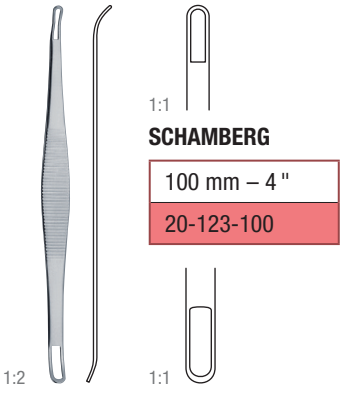
SAALFELD

100 mm – 4 "
20-121-100



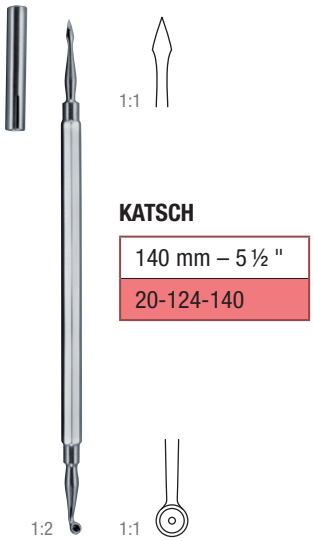
SAALFELD

140 mm – 5 ½ "
20-122-140



SCHAMBERG

100 mm – 4 "
20-123-100



KATSCH

140 mm – 5 ½ "
20-124-140

Infusionsflaschenöffnungszange
Forceps to open infusion bottles

Pince pour ouvrir des bouteilles d'infusion
Pinza para abrir botellas de infusión
Pinza apriflebo



1:2

200 mm – 8 "	20-125-200

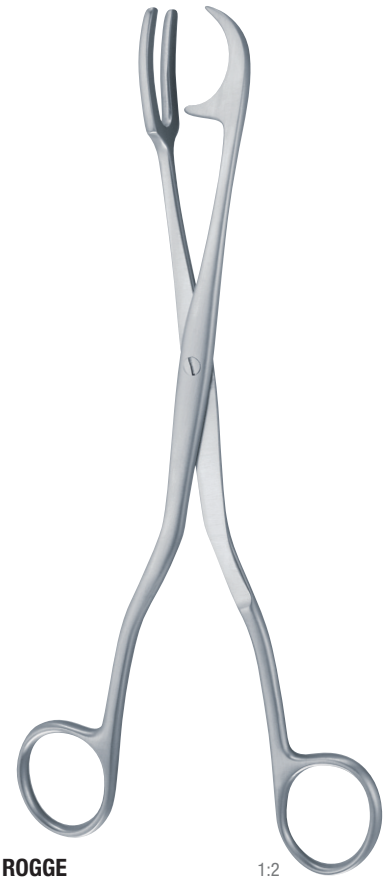
Sterilisierzangen – Abfallzangen
Sterilizing forceps – waste forceps

Pinces à stérilisation – pinces à déchets
Pinzas de esterilización – pinzas de basuras
Pinze per sterilizzazione – pinze per rifiuti



CHEATLE 1:2

270 mm – 10 ¾ "	20-126-270



ROGGE 1:2

230 mm – 9 "	20-127-230

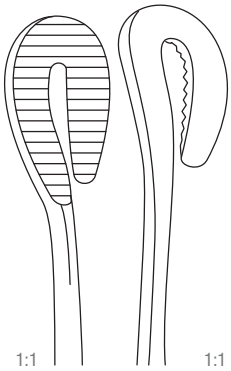


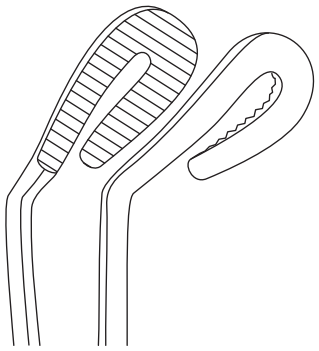
200 mm – 8 "	20-128-200
300 mm – 12 "	20-128-300

Sterilisierzangen – Sterilisierklammern – Kappenzangen
Sterilizing forceps and pins – forceps with lid

Pinces à stérilisation – pinces en boîtiers avec couvercles
Pinzas y cadres de esterilización – combinación tapa/pinza
Pinze e spille per sterilizzazione – pinze porta cotoni







UNIVERSAL

200 mm – 8 "	20-129-200	20-130-200
280 mm – 11 "	20-129-280	20-130-280



BUNT

120 mm – 4 ¾ "	20-131-120



MAYO

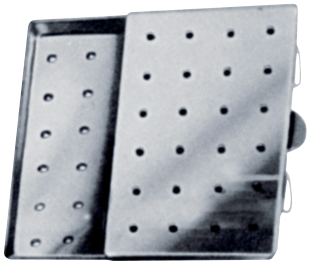
140 mm – 5 ½ "	20-132-140



250 mm – 9 ¾ "	20-133-250
320 mm – 12 ½ "	20-133-320
390 mm – 15 ¼ "	20-133-390

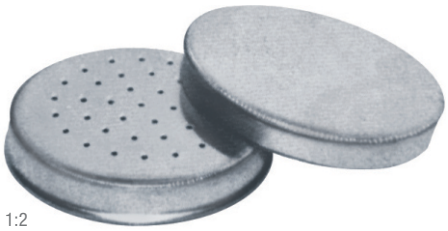
1 Kornzange, gebogen, mit Sperre mit Deckel
1 Standgefäss mit großer, standsicherer Bodenplatte
1 Tampon forceps, curved, with ratchet with lid for jar
1 Jar with wide bottom plate
1 Pince à tampons, courbe, avec crèmaillère
1 Boîtier, stable
1 Pinza para tampones con cremallera
1 Cazoleta de metal
1 Pinza para medicamento
1 Recipiente metàlico

Nadel-Sterilisierkästen
Sterilizing trays for needles
Boîtes à stérilisation des aiguilles
Cajas de esterilización para agujas
Scatole per sterilizzazione aghi



50.0 mm x 25.0 mm x 4.5 mm	20-136-050
65.0 mm x 42.0 mm x 8.0 mm	20-136-065
75.0 mm x 25.0 mm x 4.5 mm	20-136-075

18/8 rostfrei, gelocht
18/8 stainless steel, perforated
18/8 inoxydable, perforé
18/8 inoxidable, perforado
18/8 inossidabile, perforato



1:2

65 mm Ø x 17 mm	20-138-065

gelochte Innendose, 18/8 rostfrei
perforated insert, 18/8 stainless steel
insert perforé, 18/8 inoxydable
inserto perforado, 18/8 inoxidable
scatola interna forata, inossidabile 18/8

65 mm Ø x 17 mm	20-137-065

ungelochte Außendose, 18/8 rostfrei
outer case not perforated, 18/8 stainless steel
boîtier non perforé, 18/8 inoxydable
caja no perforada, 18/8 inoxidable
scatolo esterna non forata, inossidabile 18/8

62 mm Ø x 15 mm	20-139-062

gelochte Innendose, 18/8 rostfrei
perforated insert, 18/8 stainless steel
insert perforé, 18/8 inoxydable
inserto perforado, 18/8 inoxidable
scatola interna forata, 18/8 inossidabile

Nadel-Sterilisierkästen
Sterilizing trays for needles

Boîtes à stérilisation des aiguilles
Cajas de esterilización para agujas
Scatole per sterilizzazione aghi



150 mm x 95 mm x 13 mm	20-140-000	20-140-001	20-140-002
18/8 rostfrei	gelocht	Deckel ungelocht, Boden gelocht	ungelocht
18/8 stainless steel	perforated	Cover not perforated, bottom perforated	not perforated
18/8 inoxydable	perforé	Couvercle non perforé, boîtier perforé	non perforé
18/8 inoxidable	perforado	Tapa no perforado, caja perforado	no perforado
18/8 inossidabile	perforato	Coperchio non perforato, fondo perforato	non perforato

Verschiedene Behälter
Different containers

Boîtes diverses
Contenedores varios
Vassoi diversi



0.75 l	165 mm Ø x 60 mm	20-141-160
1.00 l	175 mm Ø x 70 mm	20-141-170
2.00 l	220 mm Ø x 80 mm	20-141-220
3.00 l	240 mm Ø x 110 mm	20-141-240
4.50 l	275 mm Ø x 115 mm	20-141-270
6.00 l	290 mm Ø x 125 mm	20-141-290
6.00 l	310 mm Ø x 120 mm	20-141-310
8.50 l	345 mm Ø x 125 mm	20-141-340
11.00 l	380 mm Ø x 130 mm	20-141-380

Schüsseln und Laborschalen, matt, 18/8 rostfrei
Bowls, tarnished, 18/8 stainless steel
Coupoles, depoli, 18/8 inoxydable
Palanganas, 18/8 inoxidable
Scodelle, inossidabile 18/8



0.05 l	40 mm Ø x 19 mm	20-142-040
0.07 l	61 mm Ø x 30 mm	20-142-060
0.14 l	80 mm Ø x 40 mm	20-142-080
0.35 l	116 mm Ø x 50 mm	20-142-100
0.45 l	128 mm Ø x 55 mm	20-142-120
0.70 l	147 mm Ø x 65 mm	20-142-150



0,02 l	50 mm Ø x 50 mm	20-143-200
0,05 l	50 mm Ø x 50 mm	20-143-500

Medizinlöffel, graduiert, matt, 18/8 rostfrei
Medicine cup, graduated, tarnished, 18/8 stainless steel
Timbale, graduée, depolie, 18/8 inoxydable
Vaso, graduado, mate, 18/8 inoxidable
Recipiente, graduato, 18/8 inossidabile



170 mm x 95 mm x 25 mm	20-144-170
200 mm x 95 mm x 30 mm	20-144-205
250 mm x 125 mm x 35 mm	20-144-250
275 mm x 140 mm x 40 mm	20-144-275

Nierenschalen, matt, 18/8 rostfrei
Kidney bowls, tarnished, 18/8 stainless steel
Haricots, depoli, 18/8 inoxydable
Riñoneras, 18/8 inoxidable
Baccinella reniforme, 18/8 inossidabile



0,05 l	50 mm Ø x 50 mm	20-145-500

Medizinbecher, graduiert, matt, 18/8 rostfrei
Medicine cup, graduated, tarnished, 18/8 stainless steel
Timbale, graduée, depolie, 18/8 inoxydable
Vaso, graduado, mate, 18/8 inoxidable
Recipiente, graduato, 18/8 inossidabile

Verschiedene Behälter
Different containers

Boîtes diverses
Contenedores varios
Vassoi diversi



30 mm Ø x 90 mm	20-146-001
50 mm Ø x 100 mm	20-146-002
50 mm Ø x 130 mm	20-146-003
50 mm Ø x 175 mm	20-146-004
75 mm Ø x 100 mm	20-146-005
75 mm Ø x 130 mm	20-146-006
75 mm Ø x 175 mm	20-146-007
100 mm Ø x 175 mm	20-146-008
100 mm Ø x 200 mm	20-146-009

18/8 rostfrei, Standgefässe, ohne Deckel
18/8 stainless steel, mugs, without cover
18/8 inoxydable, boîtiers, sans couvercle
18/8 inoxidable, cilindros sin tapa
18/8 inossidabile, recipienti cilindrici



75 mm Ø x 60 mm	20-147-001
75 mm Ø x 75 mm	20-147-002
100 mm Ø x 60 mm	20-147-003
100 mm Ø x 100 mm	20-147-004
125 mm Ø x 80 mm	20-147-005
125 mm Ø x 125 mm	20-147-006
150 mm Ø x 100 mm	20-147-010
150 mm Ø x 150 mm	20-147-011

Wattedosen mit Knopfdeckel, 18/8 rostfrei
Dressing jars with cover, 18/8 stainless steel
Boîtes à pansements avec couvercle, 18/8 inoxydable
Dispensadores de algodón, 18/8 inoxidable
Dispensori di cottone, 18/8 inossidabile



75 mm Ø x 60 mm	20-148-000

Sputumbecher, matt, 18/8 rostfrei
Sputum mugs, tarnished, 18/8 stainless steel
Coupoles, depoli, 18/8 inoxydable
Escupideras, mate, 18/8 inoxidable
Sputacchiera, 18/8 inossidabile

Verschiedene Behälter
Different containers

Boîtes diverses
Contenedores varios
Vassoi diversi



0.20 l	90 mm Ø x 90 mm	20-149-020
0.50 l	115 mm Ø x 115 mm	20-149-050
1.00 l	140 mm Ø x 160 mm	20-149-100
1.50 l	155 mm Ø x 160 mm	20-149-150
2.00 l	160 mm Ø x 185 mm	20-149-200

Messbecher, graduiert, matt, 18/8 rostfrei
Jugs, graduated, tarnished, 18/8 stainless steel
Gobelets gradué, depoli, 18/8 inoxydable
Vasos medianos, mate, 18/8 inoxidable
Bicchieri graduati, 18/8 inossidabile



20-150-230	20-150-310
für Kinder for children pour enfants para niños per bambini	für Erwachsene for adults pour adultes para adultos per adulti

Stechbecken, matt, 18/8 rostfrei
Bedpans, tarnished, 18/8 stainless steel
Bassins hygiénique, depoli, 18/8 inoxydable
Basinas, mate, 18/8 inoxidable
Padelle, 18/8 inossidabile

Instrumententabletts, Instrumentenkästen
Instrument trays, Instrument boxes

Plateaux pour instruments, boîtes pour instruments
Bandejas para instrumentos, cajas para instrumentos
Bacinelle per strumenti, scatole per strumenti



200 mm x 150 mm x 20 mm	20-151-001
240 mm x 160 mm x 30 mm	20-151-002
300 mm x 220 mm x 30 mm	20-151-003
350 mm x 250 mm x 40 mm	20-151-004
400 mm x 300 mm x 40 mm	20-151-005

Spritzentabletts, 18/8 rostfrei
Trays for syringes, 18/8 stainless steel
Tableaux pour seringues, 18/8 inoxydable
Bandejas para jeringas, 18/8 inoxidable
Baccinelle per siringhe, 18/8 inossidabile



165 mm x 90 mm x 35 mm	20-152-001
200 mm x 100 mm x 50 mm	20-152-002
220 mm x 150 mm x 50 mm	20-152-003
260 mm x 150 mm x 50 mm	20-152-004
305 mm x 205 mm x 50 mm	20-152-005

Spritzentabletts, 18/8 rostfrei
Trays for syringes, 18/8 stainless steel
Tableaux pour seringues, 18/8 inoxydable
Bandejas para jeringas, 18/8 inoxidable
Baccinelle per siringhe, 18/8 inossidabile

Sterilisiertrommeln
Sterilizing drums
Tambours à stérilisation
Tambores para esterilización
Tambori per sterilizzazione



SCHIMMELBUSCH

106 mm Ø x 116 mm	20-153-120
188 mm Ø x 183 mm	20-154-190
239 mm Ø x 159 mm	20-155-160
239 mm Ø x 238 mm	20-155-240
285 mm Ø x 159 mm	20-156-160
334 mm Ø x 236 mm	20-157-240
384 mm Ø x 286 mm	20-158-290

Sterilisiertrommeln, Maße inklusive überstehender Teile, 18/8 rostfrei
Sterilizing drums, overall measurements, 18/8 stainless steel
Tambours à stérilisation, dimensions totales, 18/8 inoxydable
Cilindros para esterilización, medidas totales, 18/8 inoxidable
Scatole per sterilizzazione, 18/8 inossidabile



KONRICH

106 mm Ø x 118 mm	20-159-002
138 mm Ø x 105 mm	20-159-003
156 mm Ø x 146 mm	20-160-160
188 mm Ø x 140 mm	20-160-190
239 mm Ø x 160 mm	20-161-160
239 mm Ø x 240 mm	20-161-240
285 mm Ø x 160 mm	20-162-160
285 mm Ø x 240 mm	20-162-240
334 mm Ø x 238 mm	20-163-240
384 mm Ø x 288 mm	20-164-290

Sterilisiertrommeln, Maße inkl. überstehender Teile, 18/8 rostfrei
Sterilizing drums, overall measurements, 18/8 stainless steel
Tambours à stérilisation, dimensions totales, 18/8 inoxydable
Cilindros para esterilización, medidas totales, 18/8 inoxidable
Scatole per sterilizzazione, 18/8 inossidabile

Sterilisierbehälter
Sterilizing cases

Boîtes de stérilisation
Cajas para esterilización
Scatole per sterilizzazione

402 mm x 158 mm x 112 mm	20-165-010
402 mm x 158 mm x 52 mm	20-165-009
392 mm x 138 mm x 77 mm	20-165-008
392 mm x 138 mm x 32 mm	20-165-007
182 mm x 138 mm x 32 mm	20-165-006
302 mm x 158 mm x 112 mm	20-165-005
302 mm x 158 mm x 52 mm	20-165-004
332 mm x 118 mm x 67 mm	20-165-003
332 mm x 118 mm x 27 mm	20-165-002
162 mm x 118 mm x 27 mm	20-165-001



Behälterunterteil und Deckel sind tiefgezogen. Beide Teile sind gelocht und mit Baumwollfiltern ausgestattet. Zum raschen Filterwechsel wurden jeweils nur zwei Rändelmuttern angebracht. Der Deckel ist aus rostfreiem Edelstahl 1.4301 hergestellt. Eine im Deckel integrierte Silikondichtung sorgt für absolute Dichtigkeit. Das Behälterunterteil aus Aluminium ist bronzeeloxiert, kann aber auf Wunsch auch anders-farbig eloxiert werden. Die Schnellspannverschlüsse mit Tragegriff sind plombierbar und ab einer Höhe von 60 mm angebracht.

Both parts are deep-drawn. Both parts are perforated and include cotton filters. E Easy handling for changing the filters. The cover is made of stainless steel NO NO NO. 1.4301. A A A silicone sealing is incorporated in the cover to ensure a absolute thightness. The bottom part ist made of eloxated aluminium. C Colours on request. The locking systems can be sealed and are fixed in a height of 60 mm.

Cuvercle et boîtier sont emboutis. Les deux parties sont perforées et contiennent des filtres en coton. Changement rapide des filtres avec deux molettes. Le couvercle est d'acier inox 1.4301. Un joint en silicone dans le couvercle garanti l'ètanchéité. Le boîtier est d'aluminium eloxé. Différentes couleurs sur demande. Les fermetures et poignées peuvent êtres plombées.
Elles sont fixées à partir d'une altitude de 60 mm.

Fondo y tapa son ajustables. Ambos partes son perforados y equipados con filtros de textil. Cambio rápido de los filtros.
La tapa es de acero inoxidable 1.4301. Bordes de silicona, incorporadas en la tapa garantizan la hermetizidad de los contenedores.
El fondo es de aluminio eloxado. Colores según demanda. Los cierres y los mangos pueden ser cerrados y son montados a partir de una altitud de 60 mm.

Coperchio e contenitore costruiti in un pezzo unico, senza saldature; entrambi sono forati e sono forniti di filtri di cotone. Facilità di sostituzione dei filtri. Il coperchio è fatto di acciaio inox N. 1.4301. Una guarnizione in silicone è incorporata nel coperchio per assicurare una ermeticità assoluta. Il fondo è di alluminio anodizzato. Colori su richiesta. Il sistema di chiusura può essere sigillato ed il fissaggio ha una altezza di 60 mm.

NJ ENTERPRISES

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