



220 mm



200 mm



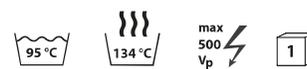
180 mm



160 mm

140-140-022	0,3 mm	≡	140-140-020	0,3 mm	≡	140-140-018	0,3 mm	≡	140-140-016	0,3 mm	≡
			140-140-620	0,6 mm	≡	140-140-618	0,6 mm	≡			
140-141-022	1,0 mm	≡	140-141-020	1,0 mm	≡	140-141-018	1,0 mm	≡	140-141-016	1,0 mm	≡
140-142-022	2,0 mm	≡	140-142-020	2,0 mm	≡	140-142-018	2,0 mm	≡	140-142-016	2,0 mm	≡

Bipolar forceps with irrigation



220 mm



200 mm



200 mm



180 mm

144-140-022	0,5x5 mm	≡	144-140-020	0,5x5 mm	≡	144-100-020	0,5x8 mm	≡	144-100-018	0,5x8 mm	≡
144-141-022	1,0x5 mm	⊂	144-141-020	1,0x5 mm	⊂	144-101-020	1,0x8 mm	⊂	144-101-018	1,0x8 mm	⊂
144-141-522	1,5x5 mm	⊂	144-141-520	1,5x5 mm	⊂	144-102-020	2,0x8 mm	⊂	144-102-018	2,0x8 mm	⊂



180 mm



200 mm



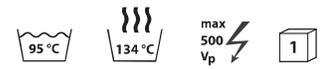
220 mm



240 mm

148-140-018	0,3 mm	≡	148-140-020	0,3 mm	≡	148-140-022	0,3 mm	≡	148-140-024	0,3 mm	≡
148-140-618	0,6 mm	≡	148-140-620	0,6 mm	≡	148-140-622	0,6 mm	≡	148-140-624	0,6 mm	≡
148-141-018	1,0 mm	≡	148-141-020	1,0 mm	≡	148-141-022	1,0 mm	≡	148-141-024	1,0 mm	≡
148-142-018	2,0 mm	≡	148-142-020	2,0 mm	≡	148-142-022	2,0 mm	≡	148-142-024	2,0 mm	≡

Bipolar forceps Argentum® Bayonet non stick up and down angled



148-161-022 1,0mm ◀

148-161-020 1,0mm ◀

148-181-022 1,0mm ◀

148-181-020 1,0mm ◀



bajonett



127-127-130 130mm 2mm

Bipolare Koagulationselektrode, bajonett
 Bipolar coagulation electrode, bayonet
 Électrode de coagulation bipolaire, baionnette
 Electrodo de coagulación bipolar, bayoneta
 Elettrodo per coagulazione bipolare, baionetta



gewinkelt



127-128-130 130mm 2mm

Bipolare Koagulationselektrode, abgewinkelt 20°
 Bipolar coagulation electrode, angled 20°
 Électrode de coagulation bipolaire, incliné 20°
 Electrodo de coagulación bipolar, ángulo 20°
 Elettrodo per coagulazione bipolare, angolato 20°



biegsam



127-129-140 140mm 2mm

Bipolare Koagulationselektrode, biegsam
 Bipolar coagulation electrode, flexible
 Électrode de coagulation bipolaire, flexible
 Electrodo de coagulación bipolar, flexible
 Elettrodo per coagulazione bipolare, flessibile





Flachstecker
Flat plug
Fiche plat
Enchufe plano
Spina piatta

Flachstecker abgewinkelt
Flat plug angled
Fiche plat incliné
Enchufe plano ángulo
Spina piatta angolato

Flachstecker Vierkant
Flat plug square
Fiche plat carré
Enchufe plano cuadrado
Spina piatta quadrata

2-Pin-Stecker
2-pin plug
Fiche à 2-pin
Enchufe 2-pines
Spina a 2-pin

2-Pin-Stecker
2-pin plug
Fiche à 2-pin
Enchufe 2-pines
Spina a 2-pin

Stecker Schere
Plug scissors
Fiche ciseaux
Enchufe tijeras
Spina forbici

Stecker generatorseitig
Plug, generator side
Connecteur, côté générateur
Enchufe, lado del generador
Spina, lato generatore



3 m
4 m
5 m

130-120-300
130-120-400
130-120-500

130-128-300
130-128-500

130-287-300
130-287-500

130-124-300
130-124-500

130-123-300
130-123-500

130-121-300
130-121-500

Micromed, Martin, Aesculap



3 m
4 m
5 m

130-130-300
130-130-400
130-130-500

130-138-300
130-138-500

130-286-300
130-286-500

130-134-300
130-134-500

130-133-300
130-133-500

130-131-300
130-131-500

Erbe ACC, ICC, VIO



3 m
5 m

130-180-300
130-180-500

130-188-300
-

130-187-300
130-187-500

130-184-300
130-184-500

130-183-300
130-183-500

130-181-300
130-181-500

Erbe, EMC, Dolley



3 m
5 m

130-150-300
130-150-500

130-158-300
130-158-500

130-157-300
130-157-500

130-154-300
130-154-500

130-153-300
130-153-500

130-151-300
130-151-500

Valleylab, Lamidey, EMC, Sutter



3 m
4 m
5 m

130-140-300
130-140-400
130-140-500

-
-
-

-
-
-

-
-
-

-
-
-

-
-
-

Valleylab



3 m
5 m

130-110-300
-

-
-

-
-

-
-

-
-

-
-

Ellman



3 m
5 m

130-170-300
130-170-500

130-178-300
130-178-500

130-177-300
130-177-500

130-174-300
130-174-500

130-173-300
130-173-500

130-171-300
130-171-500

2-Banana plug*

Bipolar cables



2-Pin-Stecker abgewinkelt mit Schutzkappe
 2-pin plug angled with protecting cap
 Fiche à 2-pin incliné avec bonnet de protection
 Enchufe 2-pines ángulo con tappa protectora
 Spina a 2-pin angolato con tappo di protezione

2-Pin-Stecker abgewinkelt
 2-pin plug angled
 Fiche à 2-pin incliné
 Enchufe 2-pines ángulo
 Spina a 2-pin angolo

Stecker Zange R. Wolf
 Plug R. Wolf forceps
 Fiche pince R. Wolf
 Enchufe pinza R. Wolf
 Spina pinza R. Wolf

Stecker Zange Karl Storz
 Plug Karl Storz forceps
 Fiche pince Karl Storz
 Enchufe pinza Karl Storz
 Spina pinza Karl Storz

Stecker Ethicon Scheren
 Plug Ethicon scissors
 Fiche ciseaux Ethicon
 Enchufe tijeras Ethicon
 Spina forbici Ethicon

Stecker Aesculap Pinzetten
 Plug Aesculap forceps
 Fiche pincettes Aesculap
 Enchufe pinzas Aesculap
 Spina pinzetti Aesculap

Stecker Klemmen
 Plug clamps
 Fiche pinces
 Enchufe pinzas
 Spina pinze

130-125-300	130-126-300	130-221-300	130-129-300	130-122-300	130-220-300
130-125-500	130-126-500	130-221-500	130-129-500	130-122-500	130-220-500
130-135-300	-	130-231-300	130-139-300	130-132-300	130-230-300
130-135-500	130-136-500	130-231-500	130-139-500	130-132-500	130-230-500
130-185-300	130-186-300	130-281-300	130-189-300	130-182-300	-
130-185-500	130-186-500	130-281-500	-	130-182-500	130-280-500
130-155-300	130-156-300	130-251-300	130-159-300	130-152-300	-
130-155-500	130-156-500	130-251-500	-	130-152-500	130-250-500
-	-	-	-	-	-
-	-	-	-	-	-
130-115-300	130-116-300	-	-	-	-
-	-	-	-	-	-
130-175-300	130-176-300	130-271-300	130-179-300	130-172-300	130-270-300
130-175-500	130-176-500	-	130-179-500	130-172-500	130-270-500

		 Ø 3 mm Buchse Socket Douille Zócalo Bussola	 Ø 3,2 mm Buchse Socket Douille Zócalo Bussola	 Ø 4 mm Buchse Socket Douille Zócalo Bussola	 Ø 4 mm Sechskant Buchse Hexagon socket Douille hexagonale Zócalo con hexágono Bussola con esagono	 Ø 4 mm Buchse abgewinkelt Socket angled Douille coudée Zócalo acodado Bussola ad angolo
 Stecker generatorseitig Plug, generator side Connecteur, côté générateur Enchufe, lado del generador Spina, lato generatore	3 m 5 m Micromed, Martin, Aesculap	102-023-300 - 102-023-500	-	102-024-300 - 102-024-500	-	-
 ERBE ACC,ICC, VIO	3 m 5 m	102-033-300 -	-	102-034-300 102-054-500	102-038-300 -	102-030-300 -
 ERBE T-Serie	3 m 5 m	-	-	102-014-300 102-014-500	-	-
 3-Pin	3 m 5 m	102-063-300 102-063-500	102-061-300 102-061-500	102-064-300 102-064-500	-	-
 Bovie, Valleylab, Conmed	3 m 5 m	102-043-300 -	-	102-044-300 102-044-500	-	102-040-300 102-040-500
 4 mm Banana plug protected	3 m 5 m	-	-	102-074-300 102-074-500	-	102-070-300 102-070-500
 4 mm Banana plug*	3 m 5 m	-	-	102-054-300 102-054-500	102-058-300 -	102-050-300 102-050-500
 Micromed, Martin, Aesculap	3 m 5 m	-	-	-	-	-

Monopolar cables



Ø 4 mm
Buchse geschützt
 Socket, protected
 Douille protégé
 Zócalo protegido
 Bussola protetta



Ø 2 mm
Resektoskop Stecker geschützt
 Resectoscope plug protected
 Fiche résectoscope protégé
 Enchufe resectoscopio protegido
 Spina resettoscopio protetta



Ø 4 mm
Stecker geschützt
 Plug, protected
 Connecteur protégé
 Enchufe protegido
 Spina protetta



Ø 4 mm
Bananen Stecker*
 Banana plug*
 Bananière connecteur*
 Bananero enchufe*
 Banana spina*



Ø 4 mm
Bananen Stecker geschützt
 Banana plug protected
 Bananière connecteur protégé
 Bananero enchufe protegido
 Banana spina protetta

102-026-300	102-022-300	-	102-029-300	102-027-300
102-026-500	102-022-500	-	-	102-027-500
102-036-300	102-032-300	-	-	-
102-036-500	102-032-500	-	-	-
-	-	-	-	-
-	-	-	-	-
-	102-062-300	102-065-300	-	-
-	102-062-500	102-065-500	-	-
102-046-300	102-042-300	102-045-300	102-049-300	102-047-300
102-046-500	102-042-500	102-045-500	102-049-500	-
102-076-300	-	-	-	102-077-300
102-076-500	-	-	-	-
-	102-052-300	-	102-059-300	-
-	-	-	102-059-500	-
-	-	101-285-300	-	-
-	-	101-285-500	-	-

Mikropinzetten
Micro forceps

Micro pinces
Micro pinzas
Pinze per microchirurgia



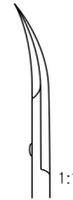
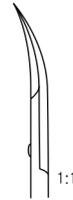
200 mm - 8"	tk 25732-05	tk 25732-06	tk 25732-07	tk 25732-08
225 mm - 8 $\frac{3}{4}$ "	tk 25732-13	tk 25732-14	tk 25732-15	tk 25732-16
diamantiert diamond coated	gerade, spitz straight, sharp	gerade, stumpf straight, blunt	abgewinkelt, spitz angled, sharp	abgewinkelt, stumpf angled, blunt
diamanté diamantado diamantato	droit, pointue recta, aguda retta, acuta	droit, mousse recta, roma retta, smussa	angulaire, pointue acodada, aguda angolata, acuta	angulaire, mousse acodada, roma angolata, smussa

225 mm - 8 $\frac{3}{4}$ "	tk 25876-22 Titan	tk 25877-22 Titan
	gerade, spitz straight, sharp droit, pointue recta, aguda retta, acuta	gerade, stumpf straight, blunt droit, mousse recta, roma retta, smussa

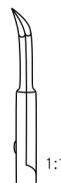
200 mm - 8"	tk 25732-03	tk 25732-04
225 mm - 8 $\frac{3}{4}$ "	tk 25732-11	tk 25732-12
	abgewinkelt, spitz angled, sharp angulaire, pointue acodada, aguda angolata, acuta	abgewinkelt, stumpf angled, blunt angulaire, mousse acodada, roma angolata, smussa

Mikro-Federschere
Micro scissors

Micro ciseaux à ressorts
Micro tijeras con resorte
Forbici per microchirurgia



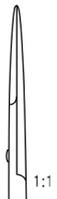
200 mm - 8 "	tk 25760-01	tk 25760-02	tk 25760-03	tk 25760-04
225 mm - 8 ³ / ₄ "	tk 25761-01	tk 25761-02	tk 25761-03	tk 25761-04
Schneide glatt, spitz <i>Blade smooth, sharp</i>	gerade <i>straight</i>	gebogen <i>curved</i>	gerade, gezahnt <i>straight, saw edge</i>	gebogen, gezahnt <i>curved, saw edge</i>
Lames lisses, pointues <i>Hojas lisas, agudas</i> Lama liscia, acuta	droits <i>recta</i> retta	courbes <i>curva</i> curva	droits, dentelées <i>recta, dentadas</i> retta, dentata	courbes, dentelées <i>curva, dentadas</i> curva, dentata



200 mm - 8 "	tk 25760-05	tk 25760-06
225 mm - 8 ³ / ₄ "	tk 25761-05	tk 25761-06

Vannas Schneide
Vannas blade

Lame de Vannas
Hoja de Vannas
Lama Vannas



200 mm - 8 "	tk 25760-07	tk 25760-08
225 mm - 8 ³ / ₄ "	tk 25761-07	tk 25761-08

Präparier-Schneide, stumpf
Dissector blade, blunt

Lames de dissection, moussé
Hojas de disección, roma
Lama da dissezione, smussa

Nadelhalter
Needle holders

Porte-aiguilles
Porta-agujas
Porta aghi

TUCARK



HEGAR-BAUMGARTNER

140 mm – 5½"

tk 20503-14 tucar



BABY-CRILE-WOOD

150 mm – 6"

tk 20504-15 tucar



II

CRILE-WOOD



	150 mm – 6"	180 mm – 7"	200 mm – 8"
	tk 20502-15 tucar	tk 20502-18 tucar	tk 20502-20 tucar
	tk 20502-15 LH	tk 20502-18 LH	-

Linkshänder
left-hander
gaucher
zurdo
mancino

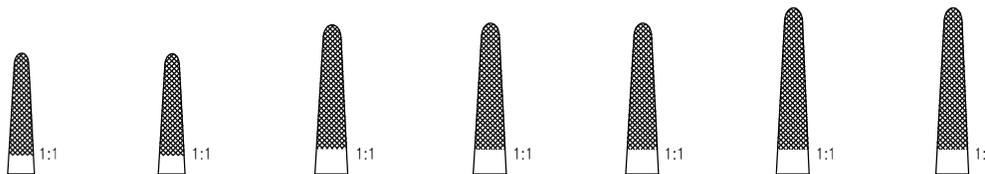


230 mm – 9"	260 mm – 10¼"
tk 20502-23 tucar	tk 20502-26 tucar
tk 20502-23 LH	-

Nadelhalter
Needle holders

Porte-aiguilles
Porta-agujas
Porta aghi

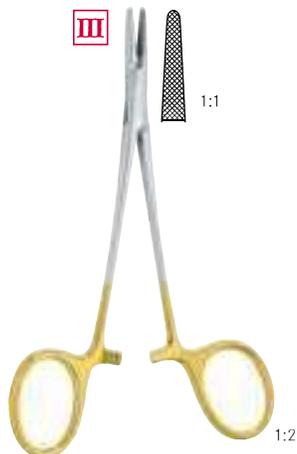
TUCARK



MAYO-HEGAR

140 mm - 5 1/2"	160 mm - 6 1/4"	180 mm - 7"	200 mm - 8"	240 mm - 9 1/2"	260 mm - 10 1/4"	300 mm - 12"
tk 20512-14	tk 20512-16	tk 20512-18	tk 20512-20	tk 20512-24	tk 20512-26	tk 20512-30
-	tk 20512-16 LH	-	tk 20512-20 LH	tk 20512-24 LH	tk 20512-26 LH	-

Linkshänder
left-hander
gaucher
zurdo
mancino



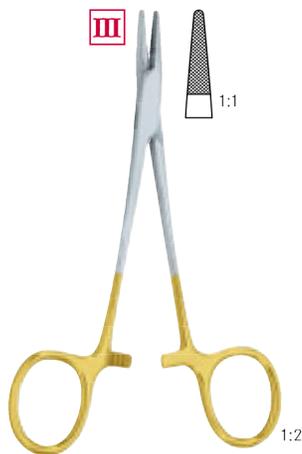
NEIVERT (MASING)

130 mm - 5"

tk 20517-13 tucar

ein Ring abgewinkelt
one ring angled

une bague coudée
un anillo acodado
un anello angolato



CONVERSE

130 mm - 5"

tk 20518-13 tucar

MATHIEU-OLSEN

140 mm - 5 1/2"

tk 20516-14 tucar

170 mm - 6 3/4"

tk 20516-17 tucar

200 mm - 8"

tk 20516-20 tucar

Scheren | Ciseaux
Scissors | Tijeras
Forbici



METZENBAUM-FINO

STANDARD		
140 mm - 5½"	tk 8372-14	tk 8373-14
180 mm - 7"	tk 8380-18	tk 8381-18
200 mm - 8"	tk 8380-20	tk 8381-20
230 mm - 9"	tk 8380-23	tk 8381-23

TC CUT		
140 mm - 5½"	tk 8363-14	tk 8365-14
180 mm - 7"	tk 8370-18	tk 8371-18
200 mm - 8"	tk 8370-20	tk 8371-20
230 mm - 9"	tk 8370-23	tk 8371-23

SUPERCUT		
140 mm - 5½"	tk 8372-14 SU	tk 8373-14 SU
180 mm - 7"	tk 8380-18 SU	tk 8381-18 SU
200 mm - 8"	tk 8380-20 SU	tk 8381-20 SU
230 mm - 9"	tk 8380-23 SU	tk 8381-23 SU



GOLDMAN-FOX

130 mm - 5"	tk 9922-13	tk 9923-13
130 mm - 5"	tk 9922-13 SU	tk 9923-13 SU



Scheren | Ciseaux
Scissors | Tijeras
Forbici



JOSEPH

140 mm - 5½"	tk 8692-14	tk 8693-14
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■ SUPERCUT

140 mm - 5½"	tk 8692-14 SU	tk 8693-14 SU
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STEVENS

□ STANDARD	
130 mm - 5"	tk 8463-13-A

■ SUPERCUT	
130 mm - 5"	tk 8463-13-B

stumpf
blunt
mousses
roma
smusse



IRIS

□ STANDARD	
90 mm - 3½"	tk 8642-09 tk 8643-09
115 mm - 4½"	tk 8632-11 tk 8633-11

■ TC CUT	
115 mm - 4½"	tk 8636-11 TC tk 8637-11 TC

120 mm - 4¾"	tk 9422-12 tk 9423-12
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■ SUPERCUT	
115 mm - 4½"	tk 9434-11-B



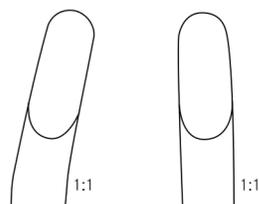
Hohlmeißelzangen
Bone rongeurs

Pincès gouges
Pinzas gubias
Pinze sgorbie



STILLE-
RUSKIN

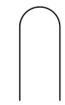
230 mm - 9"	tk 24617-23	tk 24618-23
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1:2



STILLE

	 1:1	 1:1	 1:1
	4 mm	6 mm	8 mm
230 mm - 9"	tk 24619-04	tk 24619-06	tk 24619-08

1:2

Drahtschneidezangen
Wire cutting forceps

Pincès coupantes
Alicates para cortar alambre
Pinze taglia filo

TUCARK



220 mm - 8 3/4"

tk 38561-22 tucar

für harte Drähte bis 2.5 mm Ø
for hard wires up to 2.5 mm Ø
pour fils durs à diam. 2.5 mm Ø
para alambres duros hasta 2.5 mm Ø
per fili duri fina 2.5 mm Ø



220 mm - 8 3/4"

tk 38554-22 tucar

für harte Drähte bis 2.2 mm Ø
for hard wires up to 2.2 mm Ø
pour fils durs à 2.2 mm Ø
para alambres duros hasta 2.2 mm Ø
per fili duri fina 2.2 mm Ø



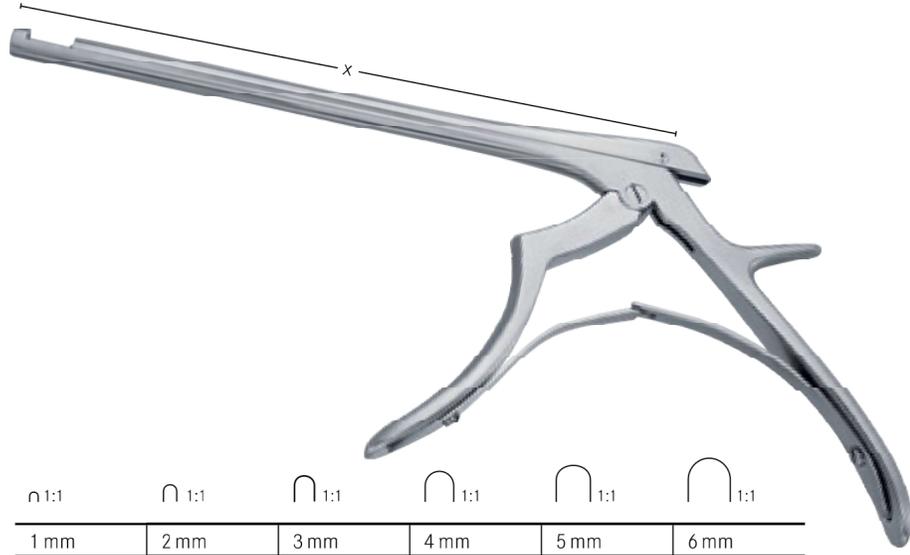
230 mm - 9"

tk 38554-23 tucar

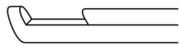
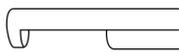
für harte Drähte bis 2.2 mm Ø
for hard wires up to 2.2 mm Ø
pour fils durs à 2.2 mm Ø
para alambres duros hasta 2.2 mm Ø
per fili duri fina 2.2 mm Ø

Laminektomiestanzen
Laminectomy punches

Pinces emporte-pièces à laminectomie
Pinzas cortantes para laminectomía
Pinze taglienti per laminectomia



FERRIS- SMITH-KERRISON



	x = 150mm - 6"	x = 180 mm - 7"	x = 200 mm - 8"	x = 230 mm - 9"
1 mm	tk 28001-01	tk 28002-01	tk 28003-01	tk 28004-01
2 mm	tk 28001-02	tk 28002-02	tk 28003-02	tk 28004-02
3 mm	tk 28001-03	tk 28002-03	tk 28003-03	tk 28004-03
4 mm	tk 28001-04	tk 28002-04	tk 28003-04	tk 28004-04
5 mm	tk 28001-05	tk 28002-05	tk 28003-05	tk 28004-05
6 mm	tk 28001-06	tk 28002-06	tk 28003-06	tk 28004-06
1 mm	tk 28005-01	tk 28006-01	tk 28007-01	tk 28008-01
2 mm	tk 28005-02	tk 28006-02	tk 28007-02	tk 28008-02
3 mm	tk 28005-03	tk 28006-03	tk 28007-03	tk 28008-03
4 mm	tk 28005-04	tk 28006-04	tk 28007-04	tk 28008-04
5 mm	tk 28005-05	tk 28006-05	tk 28007-05	tk 28008-05
6 mm	tk 28005-06	tk 28006-06	tk 28007-06	tk 28008-06
1 mm	tk 28010-01	tk 28011-01	tk 28012-01	tk 28013-01
2 mm	tk 28010-02	tk 28011-02	tk 28012-02	tk 28013-02
3 mm	tk 28010-03	tk 28011-03	tk 28012-03	tk 28013-03
4 mm	tk 28010-04	tk 28011-04	tk 28012-04	tk 28013-04
5 mm	tk 28010-05	tk 28011-05	tk 28012-05	tk 28013-05
6 mm	tk 28010-06	tk 28011-06	tk 28012-06	tk 28013-06
1 mm	tk 28089-01	tk 28090-01	tk 28094-01	
2 mm	tk 28089-02	tk 28090-02	tk 28094-02	tk 28095-02
3 mm		tk 28090-03	tk 28094-03	tk 28095-03
4 mm		tk 28090-04	tk 28094-04	tk 28095-04
5 mm		tk 28090-05	tk 28094-05	tk 28095-05
6 mm		tk 28090-06	tk 28094-06	tk 28095-06

Dünne Fußplatte
Thin footplate

Plaque de coupe étroite
Lámina de punzonar estrecha
Battente sottile

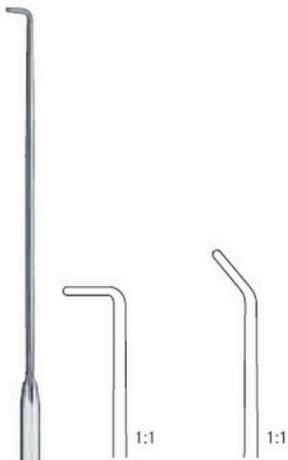
Laminektomiezanzen
Laminectomy rongeurs

Pinces emporte-pièces à laminectomie
Pinzas cortantes para laminectomía
Pinze taglianti per laminectomia



		CUSHING		
 1:1		2 mm x 10 mm	2 mm x 10 mm	2 mm x 10 mm
	x = 130 mm - 5"	tk 28030-13	tk 28031-13	tk 28033-13
	x = 150 mm - 6"	tk 28030-15	tk 28031-15	tk 28033-15
	x = 180 mm - 7"	tk 28030-18	tk 28031-18	tk 28033-18
	x = 220 mm - 8 3/4"	tk 28030-22	tk 28031-22	tk 28033-22
		LOVE-GRUENWALD		
 1:1		3 mm x 10 mm	3 mm x 10 mm	3 mm x 10 mm
	x = 130 mm - 5"	tk 28034-13	tk 28035-13	tk 28037-13
	x = 150 mm - 6"	tk 28034-15	tk 28035-15	tk 28037-15
	x = 180 mm - 7"	tk 28034-18	tk 28035-18	tk 28037-18
	x = 220 mm - 8 3/4"	tk 28034-22	tk 28035-22	tk 28037-22
		SPURLING		
 1:1		4 mm x 10 mm	4 mm x 10 mm	4 mm x 10 mm
	x = 130 mm - 5"	tk 28038-13	tk 28039-13	tk 28041-13
	x = 150 mm - 6"	tk 28038-15	tk 28039-15	tk 28041-15
	x = 180 mm - 7"	tk 28038-18	tk 28039-18	tk 28041-18
	x = 220 mm - 8 3/4"	tk 28038-22	tk 28039-22	tk 28041-22
		CLOWARD		
 1:1		6 mm x 10 mm		
	x = 180 mm - 7"	tk 28042-18		

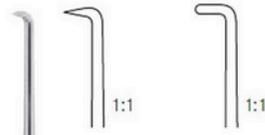
Nervenhaken | Crochets à nerfs
Nerve hooks | Ganchos para nervios
Uncini per nervi



CRILE

Fig. 1	Fig. 2
200 mm - 8"	200 mm - 8"
tk 25308-01	tk 25308-02

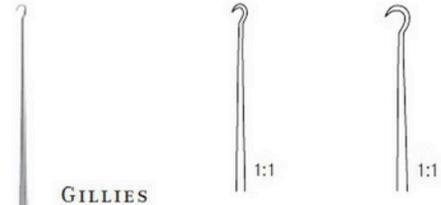
1:2



1:2

ADSON

200 mm - 8"	tk 25320-20	tk 25321-20
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GILLIES

	Fig. 1	Fig. 2
180 mm - 7"	tk 48130-01	tk 48130-02

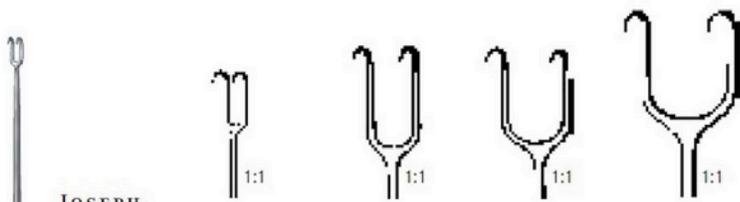
1:2



FOMON

170 mm - 6¾"
tk 16904-17

1:2



JOSEPH

	2 mm	5 mm	7 mm	10 mm
160 mm - 6¼"	tk 16910-02	tk 16910-05	tk 16910-07	tk 16910-10

1:2



tk 16905-01	tk 16905-02	tk 16905-03
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COTTLE

150 mm - 6"

1:2