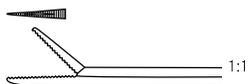


Ohrzängchen | Pincés auriculaires
 Ear forceps | Pinzas auriculares
 Pinze auricolari



1.1.P.Hartman tipo, darbinés dalies ilgis 140 mm



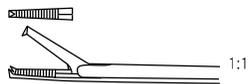
HARTMANN-WULLSTEIN
 x = 85 mm - 3 1/4" tk 50455-08



HARTMANN-WULLSTEIN
 1 mm Ø
 x = 85 mm - 3 1/4" tk 50457-08

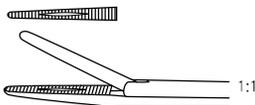


HARTMANN
 x = 85 mm - 3 1/4" tk 50459-08
 x = 140 mm - 5 1/2" tk 50459-14
 x = 160 mm - 6 1/4" tk 50459-16



HARTMANN
 x = 85 mm - 3 1/4" tk 50461-08
 x = 140 mm - 5 1/2" tk 50461-14

1x2



HARTMANN-NOYES
 x = 90 mm - 3 1/2" tk 50463-09



HARTMANN
 x = 85 mm - 3 1/4"
 2.0 mm Ø tk 50469-01
 2.5 mm Ø tk 50469-02
 3.0 mm Ø tk 50469-03



HARTMANN-WEINGÄRTNER
 x = 85 mm - 3 1/4" tk 50467-08



STRUEMPEL
 x = 85 mm - 3 1/4"
 0° tk 50472-08



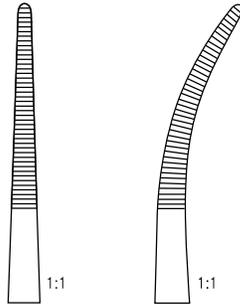
45° tk 50472-45



90° tk 50472-90

Arterienklemmen
Haemostatic forceps

Pinces hémostatiques
Pinzas hemostáticas
Pinze emostatiche



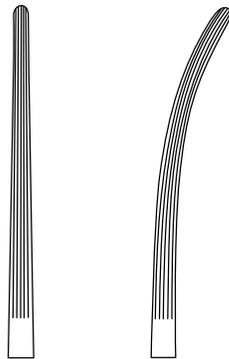
BIRKET

190 mm - 7½"

tk 12094-19

tk 12095-19

1.2.P. Birket tipo, tiesus, ilgis 190 mm



BAINBRIDGE

150 mm - 6"

tk 12120-15

tk 12121-15

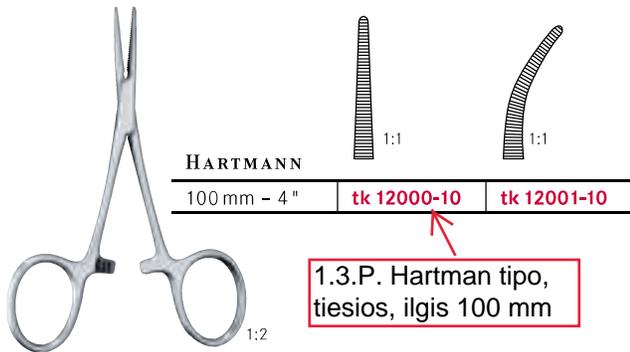
185 mm - 7¼"

tk 12120-18

tk 12121-18

Arterienklemmen
Haemostatic forceps

Pinces hémostatiques
Pinzas hemostáticas
Pinze emostatiche



HALSTED-MOSQUITO				
125 mm - 5"	tk 12010-12	tk 12011-12	tk 12012-12	tk 12013-12
140 mm - 5 1/2"	tk 12010-14	tk 12011-14	tk 12012-14	tk 12013-14
			1x2	1x2

HALSTED-MOSQUITO				
125 mm - 5"	tk 12110-12	tk 12111-12	tk 12112-12	tk 12113-12



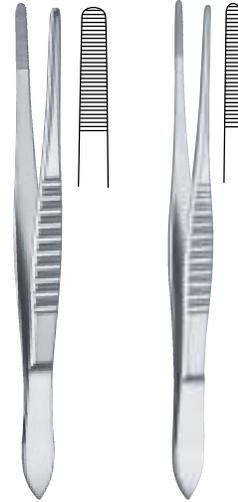
Anatomische Pinzetten
Dressing forceps

Pincers à dissection
Pinzas de disección
Pinze anatomiche



130 mm - 5"	tk 10102-13
145 mm - 5¾"	tk 10102-14
160 mm - 6¼"	tk 10102-16

kreuzgerieft
cross serated
striée
estriada
zigrinato a croce



Mod. USA

120 mm - 4¾"	tk 10150-12	tk 10155-12
130 mm - 5"	tk 10150-13	tk 10155-13
145 mm - 5¾"	tk 10150-14	tk 10155-14
155 mm - 6"	tk 10150-15	tk 10155-15
180 mm - 7"	tk 10150-18	
210 mm - 8¼"	tk 10150-21	
250 mm - 9¾"	tk 10150-25	
310 mm - 12¼"	tk 10150-31	

schmal
narrow
étroite
estrecha
stretta



STILLE

150 mm - 6"	tk 10200-15
180 mm - 7"	tk 10200-18
200 mm - 8"	tk 10200-20



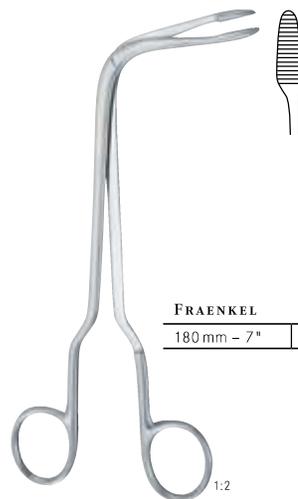
SEMKEN

125 mm - 5"	tk 10300-12
150 mm - 6"	tk 10300-15

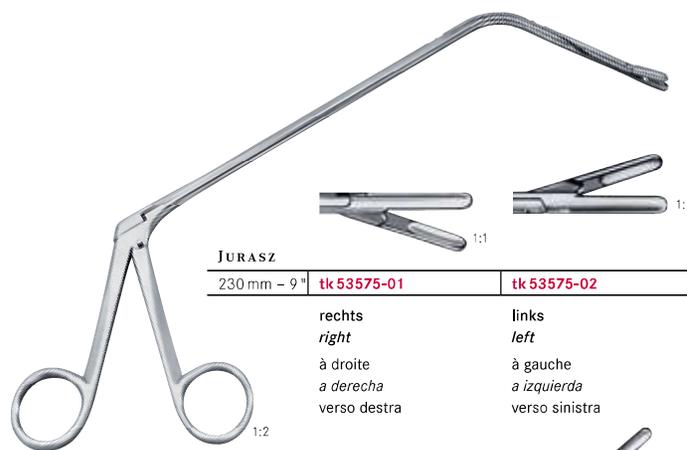
1.4.P. Semken tipo, tiesus, ilgis 125 mm

Kehlkopfpolypenzangen
Laryngeal polypus forceps

Pinces à polypes laryngiens
Pinzas para pólipos laringeos
Pinze per polipi laringei



FRAENKEL
180 mm – 7" tk 53561-18



JURASZ
230 mm – 9" tk 53575-01 tk 53575-02

rechts <i>right</i> à droite <i>a derecha</i> verso destra	links <i>left</i> à gauche <i>a izquierda</i> verso sinistra
--	--



nach unten <i>downwards</i> vers le bas <i>hacia abajo</i> verso basso	nach oben <i>upwards</i> vers le haut <i>hacia arriba</i> verso alto
--	--

1.5.P. Žiaunos lenktos į apačią,
Jurasz tipo, ilgis 230 mm

Saugrohre Tubes d'aspiration
Suction tubes Tubos para aspiración
 Cannule d'aspirazione



1.6.P. Baron tipo, ilgis 75 mm, su skylute vakuumo reguliavimui

BARON

		x = 75 mm - 3"	x = 100 mm - 4"
1 mm Ø	3 Charr./Fr.	tk 25226-03	tk 25226-53
1 1/2 mm Ø	5 Charr./Fr.	tk 25226-05	tk 25226-55
2 1/8 mm Ø	7 Charr./Fr.	tk 25226-07	tk 25226-57



HOUSE

		x = 75 mm - 3"	x = 100 mm - 4"
1 mm Ø	3 Charr./Fr.	tk 25227-53	tk 25227-03
1 1/2 mm Ø	5 Charr./Fr.	tk 25227-55	tk 25227-05
2 1/8 mm Ø	7 Charr./Fr.	tk 25227-57	tk 25227-07
2 1/2 mm Ø	8 Charr./Fr.	tk 25227-58	tk 25227-08
3 1/8 mm Ø	10 Charr./Fr.	tk 25227-60	tk 25227-10
4 mm Ø	12 Charr./Fr.	tk 25227-62	tk 25227-12
4 1/8 mm Ø	14 Charr./Fr.	tk 25227-64	tk 25227-14



FERGUSSON

		x = 120 mm - 4 3/8"
2 mm Ø	6 Charr./Fr.	tk 25228-06
2 1/8 mm Ø	7 Charr./Fr.	tk 25228-07
2 1/2 mm Ø	8 Charr./Fr.	tk 25228-08
3 mm Ø	9 Charr./Fr.	tk 25228-09
3 1/8 mm Ø	10 Charr./Fr.	tk 25228-10
4 mm Ø	12 Charr./Fr.	tk 25228-12
5 mm Ø	15 Charr./Fr.	tk 25228-15

1:2

Ohrkatheter | Sondes auriculaires
Eustachian catheters | *Sondas auriculares*
 Sonde auricolari

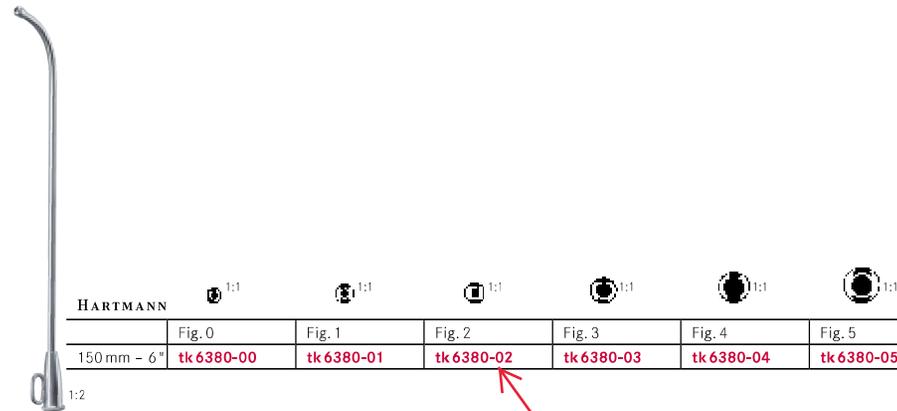


HARTMANN		
	Fig. 1	Fig. 2
2.0 mm Ø	tk 6361-20	tk 6363-20
2.5 mm Ø	tk 6361-25	tk 6363-25
3.0 mm Ø	tk 6361-30	tk 6363-30



KILLIAN		
○ 160 mm - 6"	2.5 mm Ø	tk 6371-16
● 160 mm - 6"	3.0 mm Ø	tk 6372-16

ovale Öffnung
oval opening
 ouverture ovale
 apertura oval
 apertura ovale



HARTMANN						
	Fig. 0	Fig. 1	Fig. 2	Fig. 3	Fig. 4	Fig. 5
150 mm - 6"	tk 6380-00	tk 6380-01	tk 6380-02	tk 6380-03	tk 6380-04	tk 6380-05

1.7.P. Hartman tipo, lenkta, dydis
 Nr. 2, ilgis 150 mm

Ohrküretten | Curettes auriculaires
 Ear curettes | Curetas auriculares
 Curette auricolari



Buck	Fig. 000	Fig. 00	Fig. 0	Fig. 1	Fig. 2	Fig. 3	Fig. 4	Fig. 5
165 mm - 6 1/2"	tk 50614-01	tk 50614-02	tk 50614-10	tk 50614-11	tk 50614-12	tk 50614-13	tk 50614-14	tk 50614-15

gebogen, stumpf
 curved, blunt
 courbe, tranchante
 curva, cortante
 curva, smussa

1.8.P. Buck tipo, lenkta, dydis
 Nr. 3, ilgis 165 mm

	Fig. 000	Fig. 00	Fig. 0	Fig. 1	Fig. 2	Fig. 3	Fig. 4	Fig. 5
165 mm - 6 1/2"	tk 50615-01	tk 50615-02	tk 50615-10	tk 50615-11	tk 50615-12	tk 50615-13	tk 50615-14	tk 50615-15

gebogen, scharf
 curved sharp
 courbe, pointue
 curva, aguda
 curva, tagliente

Abbildungen zeigen den Außendurchmesser.
 Pictures show the outer diameter.
 Illustrations représentent le diamètre externe.
 Ilustraciones presentan el diametro externo.
 Le illustrazioni mostrano il diametro esterno.

Ohrküretten | Curettes auriculaires
 Ear currettes | Curetas auriculares
 Curette auricolari



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 1/2"	tk 50610-01	tk 50610-02	tk 50610-10	tk 50610-11	tk 50610-12	tk 50610-13	tk 50610-14	tk 50610-15

stumpf
 blunt
 mousse
 roma
 smussa

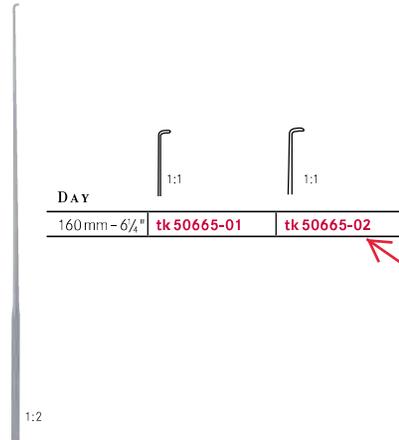
1.9.P.Buck tipo, tiesi, dydis Nr. 1,
 ilgis 165 mm

	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 1/2"	tk 50611-01	tk 50611-02	tk 50611-10	tk 50611-11	tk 50611-12	tk 50611-13	tk 50611-14	tk 50611-15

scharf
 sharp
 tranchante
 cortante
 tagliente

Abbildungen zeigen den Außendurchmesser.
 Pictures show the outer diameter.
 Illustrations représentent le diamètre externe.
 Ilustraciones presentan el diametro externo.
 Le illustrazioni mostrano il diametro esterno.

Ohrhäkchen – Messer | Crochets – couteaux auriculaires
 Ear hooks – knives | Ganchos – cuchillos auriculares
 Uncini – coltelli auricolari



1.10.P. Day tipo, galiukas lenktas 90 laipsnių kampu, ilgis 160 mm



MUCK		
135 mm - 5 1/4"	tk 50690-13	



GERZOG-SEXTON		
170 mm - 6 3/4"	tk 50705-17	

Ohr- und Nasenpinzetten | Pincas auriculares et nasaux
 Ear and nose dressing forceps | Pinzas auriculares y nasales
 Pinze auricolari e nasali

TROELTSCH

150 mm - 6"	tk 11615-15
180 mm - 7"	tk 11617-18

TROELTSCH (WILDE)

110 mm - 4 1/4"	tk 11601-11
120 mm - 4 3/4"	tk 11603-12
130 mm - 5"	tk 11608-13

LUCAE

140 mm - 5 1/2"	tk 11605-14
-----------------	-------------

1.12.P. Troeltsch tipo, lenktas per vidurj, ilgis 120 mm

gekreuzt
cross action
croisé
cruzado
crociato

JANSEN

160 mm - 6 1/4"	tk 11609-16
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JANSEN

160 mm - 6 1/4"	tk 11607-16
200 mm - 8"	tk 11607-20

COTTLE

145 mm - 5 3/4"	tk 11629-14
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Columella Pinzette
 Columella forceps
 Pince à columella
 Pinza para columella
 Pinze per columella

1.11.P. Jansen tipo, lenktas, ilgis 160 mm

Chirurgische Scheren – Präparierscheren
Operating scissors – Dissecting scissors

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



**METZENBAUM-
NELSON**



	Fig. 1	Fig. 2	Fig. 3
180 mm – 7"	tk 8343-18	tk 8344-18	tk 8345-18
200 mm – 8"	tk 8343-20	tk 8344-20	tk 8345-20
230 mm – 9"	tk 8343-23	tk 8344-23	tk 8345-23
250 mm – 9¾"	tk 8343-25	tk 8344-25	tk 8345-25
280 mm – 11"	tk 8343-28	tk 8344-28	tk 8345-28
300 mm – 12"	tk 8343-30	tk 8344-30	tk 8345-30



**METZENBAUM-
NELSON**



	Fig. 1	Fig. 2	Fig. 3
180 mm – 7"	tk 8353-18	tk 8354-18	tk 8356-18
200 mm – 8"	tk 8353-20	tk 8354-20	tk 8356-20
230 mm – 9"	tk 8353-23	tk 8354-23	tk 8356-23
250 mm – 9¾"	tk 8353-25	tk 8354-25	tk 8356-25
280 mm – 11"	tk 8353-28	tk 8354-28	tk 8356-28
300 mm – 12"	tk 8353-30	tk 8354-30	tk 8356-30

1.13.P. Metzenbaum - Nelson
 tipo, lenktos, disekcinēs,
 galiukai smailūs, ilgis 250 mm.

4.1.P. Metzenbaum tipo, lenktos,
 užapvalintos abiem galais, ilgis 30 cm

Tonsillenscheren | Ciseaux pour amygdales
Tonsil scissors | Tijeras para amigdales
 Forbici per tonsille



BOETTCHER
 180 mm - 7" tk 8832-18



PRINCE
 175 mm - 7" tk 8837-17



TOENNIS-ADSON
 170 mm - 6 7/8" tk 8847-17

1.14.P. Prince tipo, lenktos, užapvalintais galiukais, ilgis 175 mm



TOENNIS
 180 mm - 7" tk 8842-18 tk 8843-18



Laminektomiezangen
Laminectomy rongeurs

Pincas 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
0°	x = 120 mm - 4 1/2"	tk 51155-01	tk 51155-02	tk 51155-03	tk 51155-04	tk 51155-05
45°	x = 120 mm - 4 3/4"	tk 51158-01	tk 51158-02	tk 51158-03	tk 51158-04	
90°	x = 120 mm - 4 1/2"	tk 51159-01	tk 51159-02	tk 51159-03		
0°	x = 180 mm - 7"	tk 51160-01	tk 51160-02	tk 51160-03	tk 51160-04	tk 51160-05
45°	x = 180 mm - 7"	tk 51161-01	tk 51161-02	tk 51161-03	tk 51161-04	

1.15.P. Weil-Blakesley tipo, lenktos, kaušelio dydis 3,5 mm, žiotys 0 laipsnių, viršutinė keliasi į viršų, ilgis 180 mm

Nasenscheren | Ciseaux nasaux
Nasal scissors | Tijeras nasales
Forbici nasali



SAILER
170 mm - 6 3/4" tk 9132-17



HEYMANN
180 mm - 7" tk 9137-18

1.16.P. Heymann tipo,
lenktos, ilgis 180 mm



FOMON
130 mm - 5" tk 9152-13



COTTLE
160 mm - 6 1/4" tk 9157-16

Anatomische Pinzetten | Pincés à dissection
Dressing forceps | *Pinzas de disección*
 Pinze anatomiche

! Atraumatische Pinzetten sind abgebildet von Seite 168, 394 bis 396, 626
Atraumatic forceps, please see the pages 168, 394 to 396, 626
 Pincés atraumáticas, voire pages 168, 394 à 396, 626
Pinzas atraumáticas, ver paginas 168, 394 a 396, 626
 Pinze atraumatiche, vedete pagina 168, 394 a 396, 626



STANDARD

105 mm - 4 1/4"	tk 10000-10	tk 10100-10	tk 10001-10
115 mm - 4 1/2"	tk 10000-11	tk 10100-11	tk 10001-11
130 mm - 5"	tk 10000-13	tk 10100-13	tk 10001-13
145 mm - 5 3/4"	tk 10000-14	tk 10100-14	tk 10001-14
150 mm - 6"	tk 10000-15	tk 10100-15	
160 mm - 6 1/4"	tk 10000-16	tk 10100-16	tk 10001-16
180 mm - 7"	tk 10000-18	tk 10100-18	tk 10001-18
200 mm - 8"	tk 10000-20	tk 10100-20	tk 10001-20
250 mm - 10"	tk 10000-25	tk 10100-25	tk 10001-25
300 mm - 12"	tk 10000-30	tk 10100-30	tk 10001-30
350 mm - 14"	tk 10000-35		

4.2.P. Standart tipo, darbinės dalys turi horizontalų išraižymą, ilgis 30 cm

schmal
 narrow
 étroite
 estrecha
 strette

Uterus-Sonden | Hystéromètres du col de l'utérus
 Uterine sounds | Histerómetros uterinos
 Isterometri uterini



1:2

VALLEIX
 250 mm – 9 3/4" tk 34197-25
 graduert, mit Schieber
graduated, with slider
 gradué, avec curseur
graduado, con cursor
 graduato, con cursore



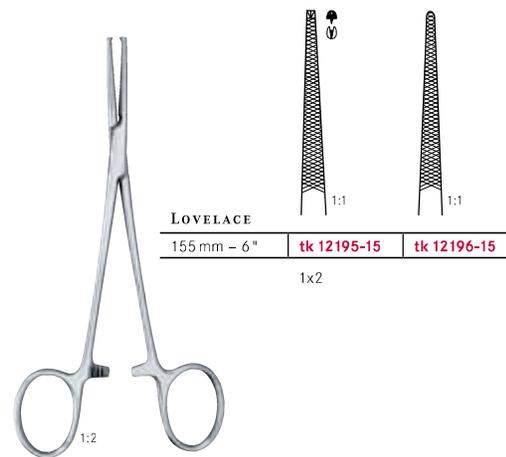
MARTIN
 320 mm – 12 1/2" tk 34198-32 tk 34199-32
 fest rigide rigido
 biegsam malleable maleable
malleabile



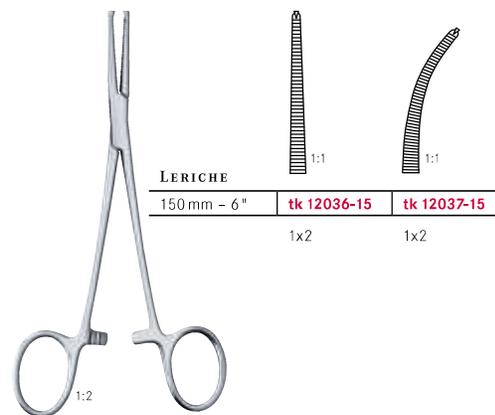
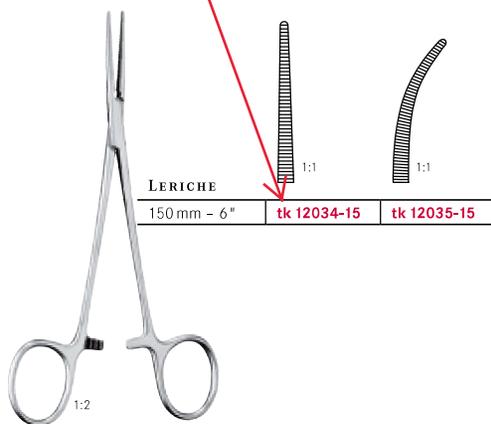
SIMS
 320 mm – 12 1/2" tk 34200-32 tk 34201-32
 fest rigide rigido rigido
 biegsam malleable maleable malleabile

4.3.P. Aiški gradacija, bukas galas, ilgis 32 cm

Arterienklemmen | Pincas hémostatiques
 Haemostatic forceps | Pinzas hemostáticas
 Pinze emostatiche



5.1.P. Lerich tipo,
 tiesūs, be dantelio,
 horizontalios dalys turi
 išraižymą, ilgis 15 cm



Skalpelligriffe | Manches pour bistouri
Scalpel handles | Mangos de bisturí
Manici per bisturi

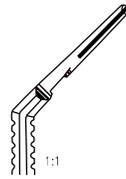


Fig. 3 L

tk 7112-03

abgewinkelt
angled on flat
coudé sur le plat
angulado
angolato

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



Fig. 3	Fig. 3 L
tk 7110-03	tk 7111-03



Fig. 7K	Fig. 7
tk 7110-71	tk 7110-07



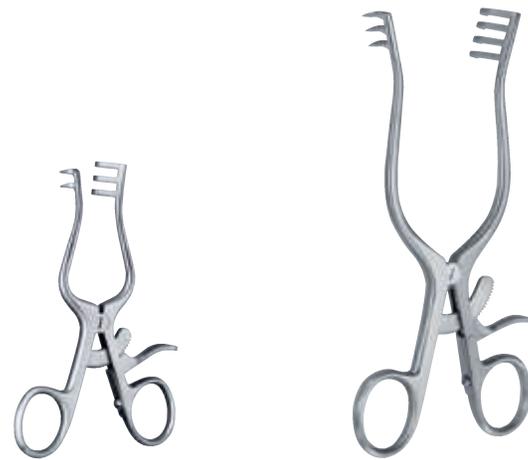
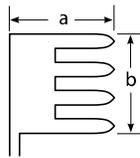
Fig. 3 grad.
tk 7113-05
graduirt
graduated
gradué
graduado
graduato

Fig. 3 R
tk 7115-03

Fig. 3 RG
tk 7116-03

5.3.P. Nr.3 Pritaikytas mažš dydžių ašmenims, bendras ilgis 12,5 cm

Wundsperrer | Ecarteurs autostatiques
 Self-retaining retractors | Separadores autoestáticos
 Divaricatori autostatici



5.4.P. Weitlaner 3x4, pusiau
 aštriais kraštais, ilgis 13 cm

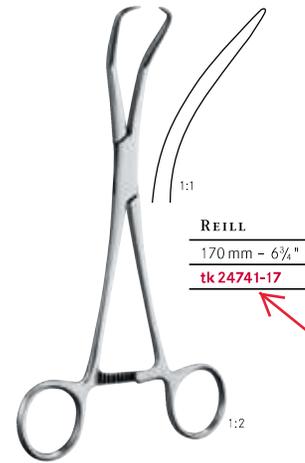
WEITLANER-LOKTITE

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

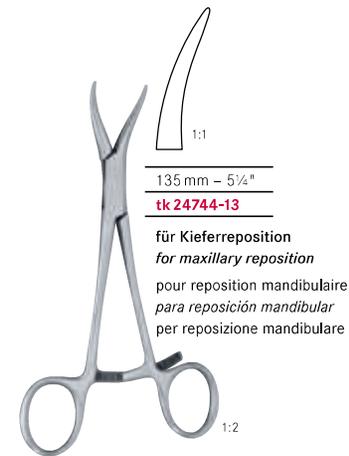
2 x 3	2 x 3	2 x 3	3 x 4	3 x 4	3 x 4
scharf	halbscharf	stumpf	scharf	halbscharf	stumpf
sharp	semi sharp	blunt	sharp	semi sharp	blunt
pointu	semi pointu	mousse	pointu	semi pointu	mousse
agudo	semi agudo	romo	agudo	semi agudo	romo
acuto	semi acuto	smusso	acuto	semi acuto	smusso

Knochenhaltezangen – Repositionszangen
Bone holding forceps – Reposition forceps

Daviers porte-os – Pincas de reposition
Pinzas para huesos – Pinzas para reposición
Tenaglie per ossa – Pinze per riposizione



5.5.P. Reill tipo, tiesus, su fiksatoriumi, ilgis 17 cm



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

5.6.P. Webster tipo,
tiesus, ilgis 13 cm



WEBSTER
130 mm - 5"
tk 20009-13

glatt
smooth
lisse
liso
liscio

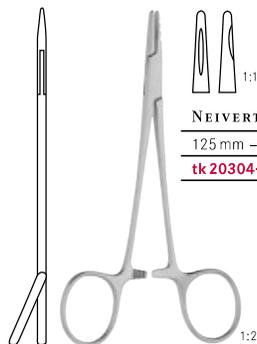
1:2



HALSEY
130 mm - 5" **tk 20010-13** | **tk 20011-13**

glatt <i>smooth</i> lisse <i>liso</i> liscio	gerieft <i>serrated</i> strié <i>estriada</i> zigrinato
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1:2



NEIVERT
125 mm - 5"
tk 20304-13

1:2



Chirurgische Scheren – Präparierscheren
 Operating scissors – Dissecting scissors

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



METZENBAUM-
NELSON

	Fig. 1	Fig. 2	Fig. 3
180 mm – 7"	tk 8347-18	tk 8348-18	tk 8349-18
200 mm – 8"	tk 8347-20	tk 8348-20	tk 8349-20
230 mm – 9"	tk 8347-23	tk 8348-23	tk 8349-23
250 mm – 10"	tk 8347-25		
280 mm – 11"	tk 8347-28		
300 mm – 12"	tk 8347-30		



METZENBAUM-
NELSON

	Fig. 1	Fig. 2	Fig. 3
180 mm – 7"	tk 8357-18	tk 8358-18	tk 8359-18
200 mm – 8"	tk 8357-20	tk 8358-20	tk 8359-20
230 mm – 9"	tk 8357-23	tk 8358-23	tk 8359-23
250 mm – 10"	tk 8357-25		
280 mm – 11"	tk 8357-28		
300 mm – 12"	tk 8357-30		
350 mm – 14"	tk 8357-35		

5.7.P. Metzenbaum leker tipo,
 lenktos, užpavalintais abiem
 galais, su karbido įdėklais, ilgis
 180 mm

Feine Scheren | Ciseaux fins
 Fine scissors | Tijeras finas
 Forbici fini



WAGNER

120 mm - 4 7/8"



1:2

gerade
 straight
 droits
 recta
 rette

tk 8542-12



1:2

gerade, gezahnt
 straight, saw edge
 droits, dentelés
 recta, dentada
 rette, dentate

tk 8552-12



tk 8543-12

gebogen
 curved
 courbes
 curva
 curve

tk 8553-12

5.8.P. Wagner tipo, plonos, lenktos, vienu aštriu, kitu buku galu. Ilgis 12 cm



BROPHY
 (SULLIVAN)

145 mm - 5 7/8"



1:2

tk 8572-14



1:2

tk 8573-14



LITTLER

115 mm - 4 1/2"

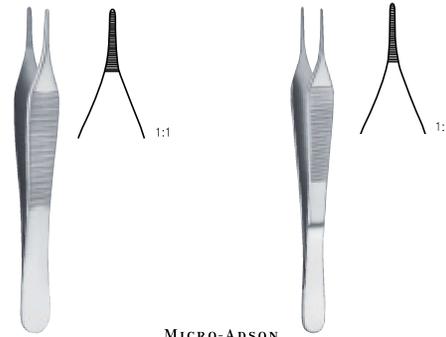


tk 8571-11

145 mm - 5 7/8"

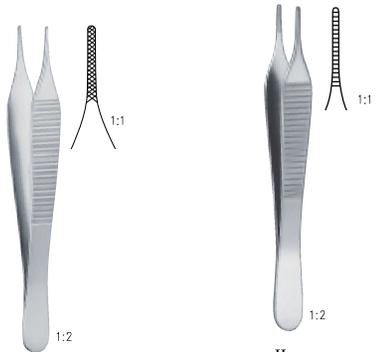
tk 8571-14

Anatomische Pinzetten | Pincas à dissection
Dressing forceps | *Pinzas de disección*
 Pinze anatomiche



ADSON		MICRO-ADSON	
120 mm - 4 3/4"	tk 10500-12	120 mm - 4 3/4"	tk 10503-12
150 mm - 6"	tk 10500-15	150 mm - 6"	tk 10503-15

5.9.P. Anatomis, Adson tipo pincetas, ilgis 12 cm



ADSON	HUDSON (EWALD)
120 mm - 4 3/4"	120 mm - 4 3/4"
tk 10509-12	tk 10505-12

kreuzgerieft
cross serrated
 striée
 estriada
 zigrinato a croce