

14

HNO

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Ohrspekula
Ear specula

Spéculums auriculaires
Espéculos auriculares
Specoli auricolari



1:1

TOYNBEE



	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 – 1½"	343-008-450	343-008-550	343-008-650	343-008-750

343-008-000		x	x	x
343-008-002	x	x	x	x

Satz für Erwachsene

Set for adults
Jeu pour adultes
Juego para adultos
Serie per adulti



RICHNAU

HOLMGREN



Fig. 0	Fig. 1	Fig. 2	Fig. 3
3 mm Ø	4 mm Ø	5 mm Ø	6 mm Ø
343-004-000	343-004-001	343-004-002	343-004-003

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
	343-011-450	343-011-550	343-011-650	343-011-750

43-170-003		x	x	x
43-170-004	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
	343-010-450	343-010-550	343-010-650	3443-010-750

343-010-000	x	x	x	x
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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
	435-128-010	435-128-020	435-128-030	435-128-040	435-128-050	435-128-060

435-128-000	x	x	x	x	x	x
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Satz für Erwachsene, schwarz
 Set for adults, black
 Jeu pour adultes, noir
 Juego para adultos, negro
 Serie per adulti, nero


1:1

POLTZER
 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
	435-100-100	435-100-110	435-100-120	435-100-130

435-100-030	x	x	x	
435-101-040	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



	Fig. 1	Fig. 2	Fig. 3	Fig. 4
	4.5 mm Ø	5.5 mm Ø	6.5 mm Ø	7.5 mm Ø
	343-014-500	343-014-600	343-014-700	343-014-800

343-014-000	x	x	x	x
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Satz für Erwachsene

Set for adults
Jeu pour adultes
Juego para adultos
Serie per adulti



1:1

HARTMANN



	Fig. 0	Fig. 1	Fig. 2
	3.0 mm Ø	4.5 mm Ø	5.5 mm Ø
	343-006-300	343-006-450	343-006-550

435-108-030	x	x	x
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Satz für Kinder

Set for children
Jeu pour enfants
Juego para niños
Serie per bambini



1:1

HARTMANN



	Fig. 1	Fig. 2	Fig. 3	Fig. 4
	4.5 mm Ø	5.5 mm Ø	6.5 mm Ø	7.5 mm Ø
	343-006-450	343-006-550	343-006-650	343-006-750

43-150-003		x	x	x
43-150-004	x	x	x	x

Satz für Erwachsene

Set for adults
Jeu pour adultes
Juego para adultos
Serie per adulti



1:1

HARTMANN



	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
	343-006-180B	343-006-350B	343-006-500B	343-006-650B	343-006-750B

343-006-000B		x	x	x	x
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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


1:1



1:1



1:1



1:2



1:3

SIEGLE

	Fig. 1	Fig. 2	Fig. 3		
	6.5 mm Ø	7.0 mm Ø	8.0 mm Ø		
	435-146-110	435-146-120	435-146-130	435-146-100	435-153-010

Lupenkörper, allein
 Magnifyer, alone
 Loupe, seule
 Lupa, sola
 Lente, solo

Gebläse, allein
 Rubber bulb, alone
 Soufflerie, seule
 Insufflador, sola
 Soffieria, solo

43-186-003	x	x	x	x	x
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Satz komplett
 Set complete
 Jeu complet
 Juego completo
 Serie completa


1:1



1:1



1:1



1:1



1:2



1:3

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		
	435-153-110	435-153-120	435-153-130	435-153-140	435-153-050	435-153-010

Lupenkörper, allein
 Magnifyer, alone
 Loupe, seule
 Lupa, sola
 Lente, solo

Gebläse, allein
 Rubber bulb, alone
 Soufflerie, seule
 Insufflador, sola
 Soffieria, solo

435-153-040	x	x	x	x	x	x
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Satz komplett
 Set complete
 Jeu complet
 Juego completo
 Serie completa

Stimmgabeln
Tuning forks
Diapasons
Diapasones
Diapasoni



LUCAE

1:2

c 128	43-242-000
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verschiebbar bis h
variable up to h (engl. b)
variable jusqu'à h (franc. si)
variable hasta h (esp. si)
regolabile fino a h



RYDEL-SEIFFER

1:2

C 64 / c 128	43-234-000
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mit Dämpfer C 64, ohne Dämpfer c 128
with clamps C 64, without clamps c 128
avec curseurs C 64, sans curseurs c 128
con sordinas C 64, sin sordinas c 128
con cursori C 64, senza cursori c 128



FRENCH

1:2

1:2

C ₂ 16	C ₁ 32
43-210-001	43-210-002

Stimmgabeln
Tuning forks
Diapasons
Diapasones
Diapasoni



1:2



1:2



1:2



1:2

HARTMANN

		Aluminium		Aluminium
C 64	c ¹ 28	c ¹ 28	c ¹ 256	c ¹ 256
43-212-001	43-212-002	43-212-012	43-212-003	43-212-013

a ¹ 440
43-232-000

Stimmgabeln
Tuning forks

Diapasons
Diapasones
Diapasoni



HARTMANN

c 128	c ¹ 256	c ² 512	c ³ 1024	c ⁴ 2048	C ⁵ 4096
43-220-001	43-220-002	43-220-003	43-220-004	43-220-005	43-220-006

Aluminium	Aluminium	Aluminium
c ² 512	c ³ 1024	c ⁴ 2048
43-220-013	43-220-014	43-220-015



HARTMANN

44-270-000

Satz im Etui (43-212-002, 43-212-003, 43-220-003, 43-220-004, 43-220-005)
 Set in case (43-212-002, 43-212-003, 43-220-003, 43-220-004, 43-220-005)
 Jeu en boîte (43-212-002, 43-212-003, 43-220-003, 43-220-004, 43-220-005)
 Juego en estuche (43-212-002, 43-212-003, 43-220-003, 43-220-004, 43-220-005)
 Serie in astuccio (43-212-002, 43-212-003, 43-220-003, 43-220-004, 43-220-005)

Aluminium
43-270-002

Satz im Etui (43-220-013, 43-220-014, 43-220-015)
 Set in case (43-220-013, 43-220-014, 43-220-015)
 Jeu en boîte (43-220-013, 43-220-014, 43-220-015)
 Juego en estuche (43-220-013, 43-220-014, 43-220-015)
 Serie in astuccio (43-220-013, 43-220-014, 43-220-015)

Stimmgabeln
Tuning forks
Diapasons
Diapasones
Diapasoni


Aluminium	Aluminium	Aluminium	Aluminium	Aluminium
c 128	c ¹ 256	c ² 512	c ³ 1024	c ⁴ 2048
343-056-010	343-056-020	343-056-030	343-056-040	343-056-050


343-057-000

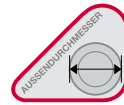
Satz im Etui (343-056-010 – 343-056-050)
 Set in case (343-056-010 – 343-056-050)
 Jeu en boîte (343-056-010 – 343-056-050)
 Juego en estuche (343-056-010 – 343-056-050)
 Serie in astuccio (343-056-010 – 343-056-050)

Lärmtrommel
Noise drum
Assourdisseur
Aparato de ruido
Assordatore



BARANY

343-076-000

Ohrküretten
Ear cures
Curettes auriculaires
Curetas auriculares
Curette auricolari


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

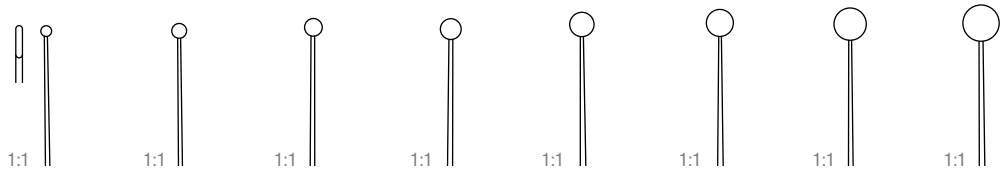

BUCK


	Fig. 000	Fig. 00	Fig. 0	Fig. 1	Fig. 2	Fig. 3	Fig. 4	Fig. 5
165 mm – 6½"	43-610-001	43-610-002	43-610-003	43-610-010	43-610-020	43-610-030	43-610-040	43-610-050

stumpf
 blunt
 mousse
 roma
 smussa

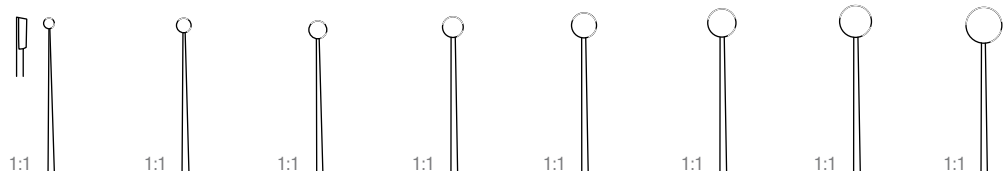
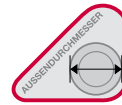


	Fig. 000	Fig. 00	Fig. 0	Fig. 1	Fig. 2	Fig. 3	Fig. 4	Fig. 5
165 mm – 6½"	43-608-001	43-608-002	43-608-003	43-608-010	43-608-020	43-608-030	43-608-040	43-608-050

scharf
 sharp
 tranchante
 cortante
 tagliente

Ohrküretten
Ear cures

Curettes auriculaires
Curetas auriculares
Curette auricolari



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

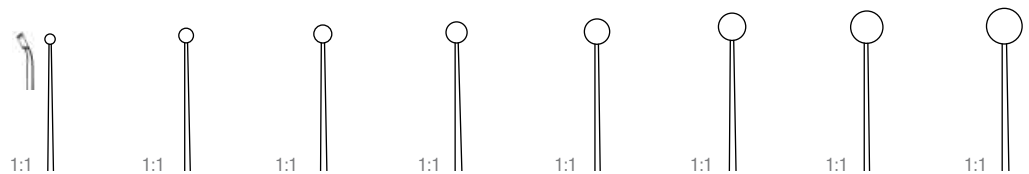


	Fig. 000	Fig. 00	Fig. 0	Fig. 1	Fig. 2	Fig. 3	Fig. 4	Fig. 5
165 mm – 6 ½"	43-613-001	43-613-002	43-613-003	43-613-010	43-613-020	43-613-030	43-613-040	43-613-050

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

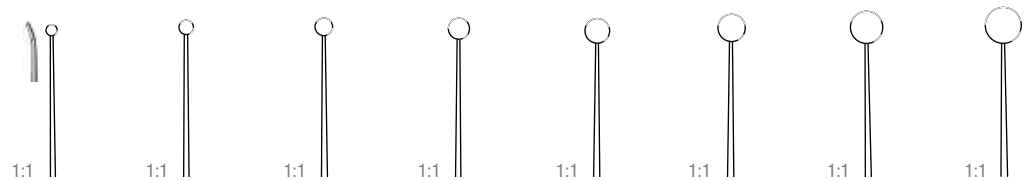


	Fig. 000	Fig. 00	Fig. 0	Fig. 1	Fig. 2	Fig. 3	Fig. 4	Fig. 5
165 mm – 6 ½"	43-611-001	43-611-002	43-611-003	43-611-010	43-611-020	43-611-030	43-611-040	43-611-050

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

1:1

Ohrküretten und scharfe Löffel
Ear cures and sharp spoons

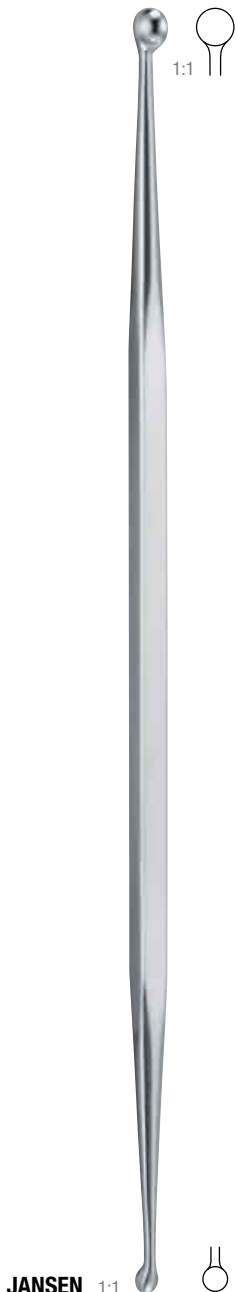
Curettes auriculaires et cuillères tranchantes
Curetas y cucharillas auriculares cortantes
Curette auricolari e cucchiari taglienti



LANGENBECK 1:1

130 mm – 5"
435-487-130

stumpf
blunt
mousse
roma
smussa



JANSEN 1:1

170 mm – 6¾"
435-528-150

scharf
sharp
tranchante
cortante
acuta

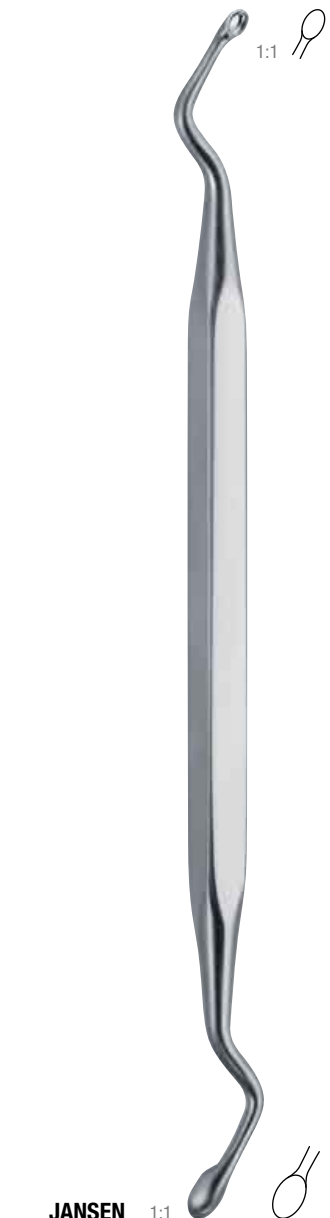


GROSS 1:1

120 mm – 4¾"	120 mm – 4¾"
43-648-120	435-538-120

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 – 6¼"
435-529-150

scharf
sharp
tranchante
cortante
acuta

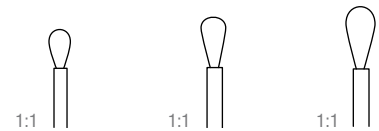
Ohrschlingen – Häkchen
Ear loops – hooks

Anses – crochets auriculaires
Asas – ganchos auriculares
Anse – uncini auricolari



1:2

BILLEAU

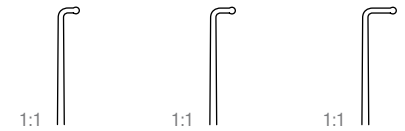


165 mm – 6 ½"	43-680-001	43-680-002	43-680-003
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1:2

LUCAE



140 mm – 5 ½"	23-525-001	23-525-002	23-525-003
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1:2

WAGENER



140 mm – 5 ½"	343-188-010	343-188-020	343-188-030	343-188-040	435-581-050	435-581-060	435-581-070
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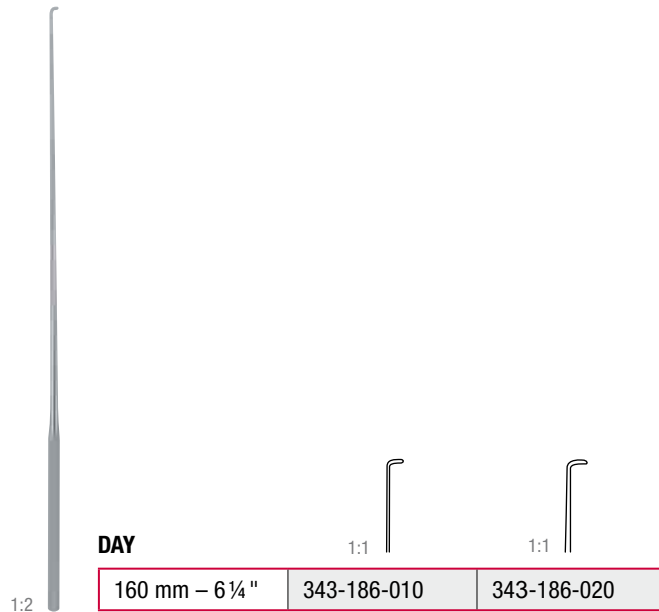
Ohrhäkchen – Messer

Ear hooks – knives

Crochets – couteaux auriculaires

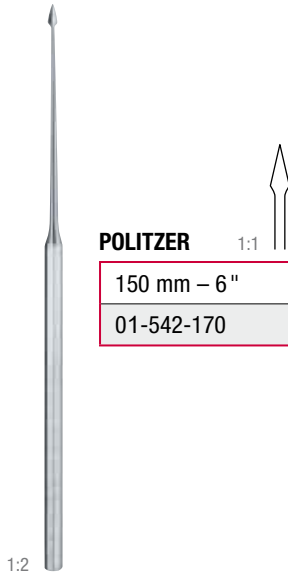
Ganchos – cuchillos auriculares

Uncini – coltelli auricolari

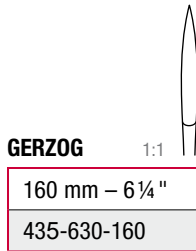


Parazentesenadeln
Paracentesis needles

Aiguilles de paracentèse
Agujas para paracentesis
Aghi per paracentesi



POLITZER 1:1
150 mm – 6"
01-542-170



GERZOG 1:1
160 mm – 6 ¼"
435-630-160



BUCK 1:1
160 mm – 6 ¼"
435-632-160



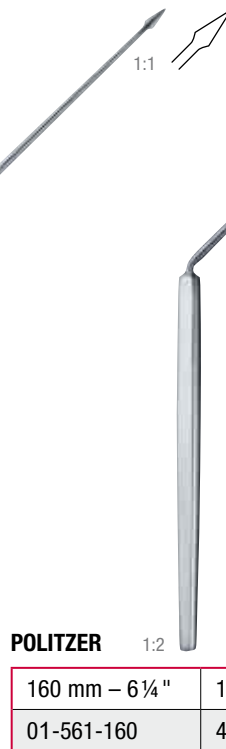
LUCAE 1:2
180 mm – 7" | 01-567-180 | 435-659-180



LUCAE 1:2
190 mm – 7 ½"
01-585-190



POLITZER 1:2
170 mm – 6 ¾"
01-587-170



POLITZER 1:2
160 mm – 6 ¼"
01-561-160



1:2
160 mm – 6 ¼"
435-653-160

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	435-894-300
0.4 mm Ø	435-894-400



0.2 mm Ø x 75 mm	43-335-002
0.3 mm Ø x 100 mm	43-335-003

in Bündeln mit 12 Stück
 in bundles of 12 pieces
 en paquets de 12 pièces
 en líos de 12 piezas
 pacchetto di 12 pezzi


KRAUSE

1:2

160 mm – 6¼"	43-321-160
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KRAUSE-VOSS

1:2

160 mm – 6¼"	435-349-160
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LANGE-WILDE

1:2

170 mm – 6¾"	43-325-160
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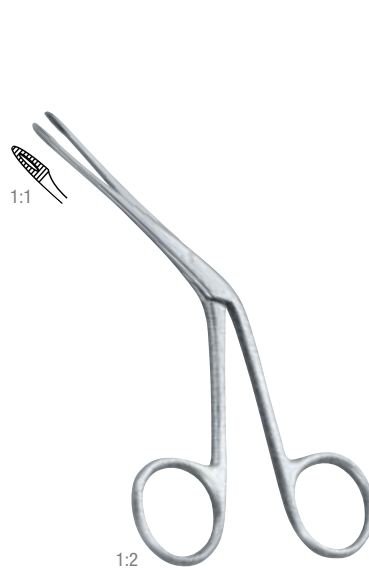
Ohrpolypenzangen
Ear polypus forceps

Pinces pour polypes auriculaires
Pinzas para pólipos auriculares
Pinze per polipi auricolari



LITTAUER

120 mm – 4 3/4 "	343-241-120
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HARTMANN

120 mm – 4 3/4 "	343-237-120
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feines Modell
delicate jaw
modèle fin
modelo fino
modello fino



HARTMANN

140 mm – 5 1/2 "	343-237-140
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normales Modell
normal jaw
modèle standard
modelo estandaro
modello standard



QUIRE

105 mm – 4 1/4 "	43-550-100
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Fremdkörperheber
Foreign body lever
Levier pour corps étrangers
Elevador para cuerpos extraños
Leva per corpi estranei



BUCK

115 mm – 4 1/2 "	343-249-110
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Fremdkörperzängchen
Foreign body forceps
Pince pour corps étrangers
Pinza para cuerpos extraños
Pinza per corpi estranei

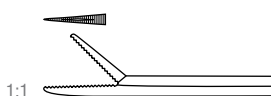
Ohrzängchen

Ear forceps

Pinces auriculaires

Pinzas auriculares

Pinze auricolari



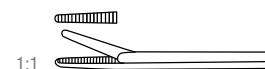
HARTMANN-WULLSTEIN

x = 85 mm – 3 ¼"	43-420-085
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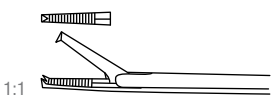
HARTMANN-WULLSTEIN

	1 mm Ø
x = 85 mm – 3 ¼"	43-450-085



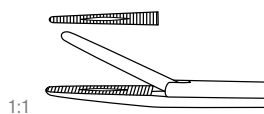
HARTMANN

x = 85 mm – 3 ¼"	43-426-085
x = 140 mm – 5 ½"	43-426-140
x = 160 mm – 6 ¼"	343-257-160



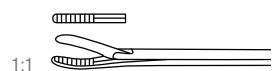
HARTMANN

x = 85 mm – 3 ¼"	43-432-085
x = 140 mm – 5 ½"	43-432-140



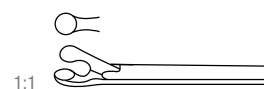
HARTMANN-NOYES

x = 90 mm – 3 ½"	435-430-090
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HARTMANN-WEINGÄRTNER

x = 85 mm – 3 ¼"	43-440-085
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HARTMANN

	x = 85 mm – 3 ¼"
2.0 mm Ø	43-454-020
2.5 mm Ø	43-454-025
3.0 mm Ø	43-454-030

STRUEMPEL



	x = 85 mm – 3 ¼"
0°	43-460-085



45°	43-461-085
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90°	43-463-085
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Mikro-Ohrzängchen
Micro ear forceps

Micro pinces auriculaires
Micro-pinzas auriculares
Micro-pinze auricolari



MCGEE

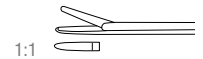


3.5 mm x 0.8 mm

343-366-500

Drahtbiegezängchen
Wire bending forceps
Pince pour plier fils métalliques
Pinza para plegar alambres
Pinza per piegare fili metallici

FULLER

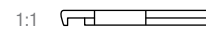
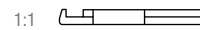
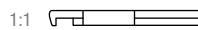
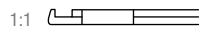


80 mm – 3 ¼ "

343-368-080

Einführungszängchen für Teflonprothesen
Introducing forceps for teflon prosthesis
Pince pour introduction pour prothèses de téflon
Pinza para introducir para prótesis de teflon
Pinza per introduzione di protesi in teflon

DIETER



x = 80 mm – 3 ¼ "

343-381-010

343-381-020

435-007-060

435-007-070

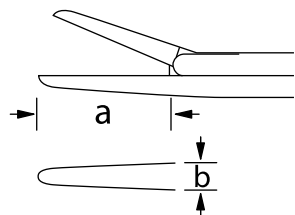
Hammerkopfzängchen
Malleus nipper
Pince pour l'os marteau
Pinza para cabezal del martillo
Pinza per testa del martelletto

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

 1:1 

 1:1 

a x b	x = 75 mm – 3"	x = 75 mm – 3"
3.5 mm x 0.6 mm	435-997-110	343-356-350

gerade, glatt
 straight, smooth
 droit, lisse
 recta, lisa
 retta, liscio

gerade, gerieft
 straight, serrated
 droit, strié
 recta, estriada
 retta, zigrinata

 1:1 

 1:1 

 1:1 

a x b	x = 75 mm – 3"	x = 75 mm – 3"	x = 75 mm – 3"
3.5 mm x 0.6 mm		343-346-350	435-997-270
4.0 mm x 0.8 mm	343-348-400	343-346-400	343-353-400

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

 1:1 

 1:1 

 1:1 

a x b	x = 75 mm – 3"	x = 75 mm – 3"	x = 75 mm – 3"
3.5 mm x 0.6 mm	435-997-280	435-997-290	343-355-400
4.0 mm x 0.8 mm	343-351-600	343-349-600	343-355-350

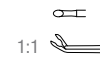
rechts gebogen, gerieft
 curved to right, serrated
 coudé à droite, strié
 curvada a la derecha, estriada
 curvata a destra, zigrinata

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



	$x = 80 \text{ mm} - 3\frac{1}{4}''$	$x = 80 \text{ mm} - 3\frac{1}{4}''$
$a = 3.5 \text{ mm}$ $b = 0.6 \text{ mm} \times c = 0.5 \text{ mm}$	435-999-110	435-999-120
$a = 4.0 \text{ mm}$ $b = 1.0 \text{ mm} \times c = 0.9 \text{ mm}$	343-358-450	343-583-000

gerade, oval
straight, oval
droit, ovale
recta, ovalada
retta, ovale

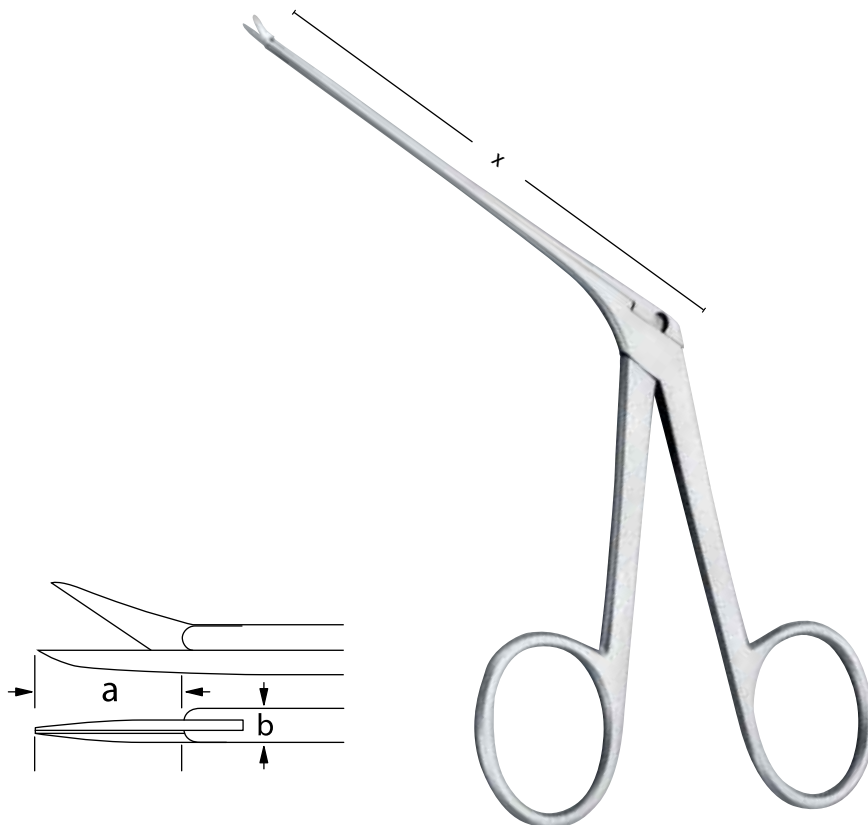
aufgebogen, oval
curved upwards, oval
coudé en haut, ovale
curvada arriba, ovalada
curvata in alto, ovale



	$x = 80 \text{ mm} - 3\frac{1}{4}''$	$x = 80 \text{ mm} - 3\frac{1}{4}''$
$a = 3.5 \text{ mm}$ $b = 0.6 \text{ mm} \times c = 0.5 \text{ mm}$	435-999-130	435-999-140
$a = 4.0 \text{ mm}$ $b = 1.0 \text{ mm} \times c = 0.9 \text{ mm}$	343-361-450	343-359-450

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	43-560-001	43-560-003

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
 courbées 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	43-560-004	43-560-005

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

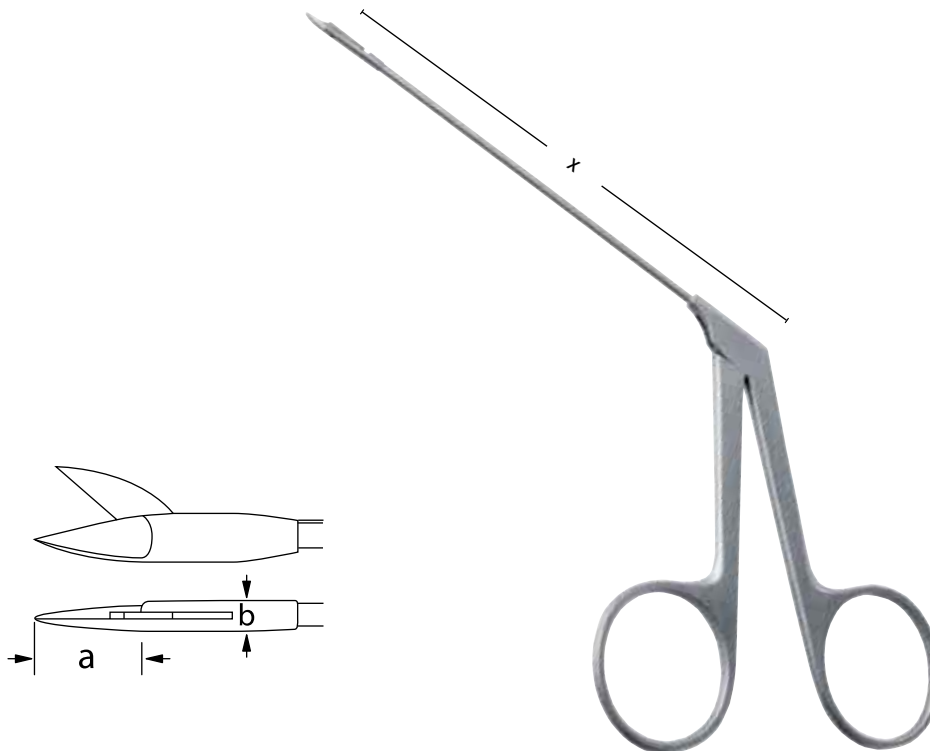
 1:1 

	x = 75 mm – 3"
4.0 mm x 0.8 mm	43-560-002

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 – 3 ¼"	x = 80 mm – 3 ¼"
4.0 mm x 0.8 mm	343-416-000	343-419-000

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

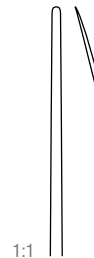
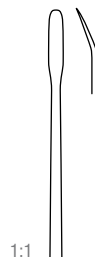
1:1

1:1

a x b	x = 80 mm – 3 ¼"	x = 80 mm – 3 ¼"
4.0 mm x 0.8 mm	343-423-000	343-425-000

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 gauche, pointue/pointue
curvado a la izquierda, aguda/aguda
curvata a sinistra, acuta/acuta

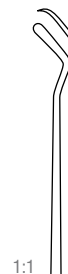
Ohr Mikro-Raspatorien und Sonden
Micro ear raspatories and probes
Micro rugines et sondes auriculaires
Micro-sondas y raspatorios auriculares
Micro-raspatori e sonde auricolari
PLESTER


160 mm – 6 ¼"	343-740-160	343-746-002	343-746-000
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Führungsgabel
 Wire guide
 Fourchette d'introduction
 Tenedor guía
 Forchetta guida

Raspatorium
 Raspatory
 Rugine
 Raspatorio
 Raspatorio

Elevatorium
 Elevator
 Élévateur
 Elevador
 Elevatorio

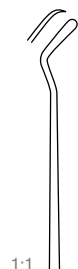


	1.8 mm	1.0 mm	
160 mm – 6 ¼"	343-746-003	435-032-220	343-746-005

Raspatorium
 Raspatory
 Rugine
 Raspatorio
 Raspatorio

Raspatorium
 Raspatory
 Rugine
 Raspatorio
 Raspatorio

Dissektor, doppelt links gebogen
 Dissector, double curved left
 Dissecteur, double courbe à gauche
 Dissector, doble curvado a la izquierda
 Dissettore doppio curvato a sinistra



160 mm – 6 ¼"	343-746-007	343-764-160
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Dissektor, doppelt rechts gebogen
 Dissector, double curved right
 Dissecteur, double courbe à droite
 Dissector, 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

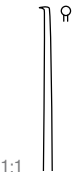
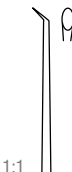


	160 mm – 6 ¼"
3.5 mm	343-762-350
4.0 mm	343-762-400
4.5 mm	343-762-450
5.0 mm	343-762-500

Messsonde
 Measuring rod
 Sonde à mesurer
 Sonda para medir
 Sonda per misurare



Ohrsichelmesser – Rundschnittmesser Ear sickle knife – Circular cutting knives

*Couteaux faucilles – Couteaux ronds
Cuchillos en forma de hoz – Cuchillos redondos
Coltelli auricolari*





ROSEN	1:1 	1:1 	1:1 	1:1 
	1.5 mm Ø – 90°	45°	45°	
160 mm – 6 ¼"	343-704-160	343-705-160	435-962-020	435-962-030

Rundschnittmesser
Circular cutting knife
Couteau rond
Cuchillo redondo
Coltello rotondo

Trommelfellmesser
Tympanum knife
Couteau pour le tympan
Cuchillo para el tímpano
Coltello per timpani

Lanzennmesser
Lancet knife
Couteau lancéolaire
Cuchillo lanceado
Coltello lanceolato

Lanzennmesser
Lancet knife
Couteau lancéolaire
Cuchillo lanceado
Coltello lanceolato





SCHUHKNECHT	1:1 	1:1 	1:1 	1:1 
160 mm – 6 ¼"	343-697-010	343-697-020	343-703-160	343-700-150

Rollermesser, paralell
Roller knife, parallel
Couteau à lame,
tournante, verticale
Cuchillo redondo, vertical
Coltello rotondo, parallelo

Rollermesser, rechtwinklig
Roller knife, right angled
Couteau à lame,
tournante, horizontale
Cuchillo redondo, horizontal
Coltello rotondo, orizzontale

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	1:1 	1:1 	1:1 	1:1 
160 mm – 6 ¼"	343-702-350	45°	1 mm	1 mm
		3.0 mm Ø	343-766-160	343-768-160
		2.6 mm Ø		
		2.0 mm Ø		
		1.6 mm Ø		
		1.0 mm Ø		

Lappenmesser
Flap knife
Couteau à lambeaux
Cuchillo para lóbulos
Coltello per stacci

Rundschnittmesser
Circular cutting knife
Couteau rond
Cuchillo redondo
Coltello rotondo

Raspatorium
Raspatory
Rugine
Raspatorio
Raspatorio

Raspatorium
Raspatory
Rugine
Raspatorio
Raspatorio

1:1



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°	
343-713-001	343-713-002	343-713-003

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
 Coureau rond, coudé en bas
 Cuchillo redondo, angulado a bajo
 Coltello rotondo, angolato in basso

Sichelmesser, nach oben gebogen

 Sickle knife, angled up
 Coureau faucille, courbe vers le haut
 Cuchillo de hoz, angulado arriba
 Coltello a forma di falce, angolato in alto


343-713-004	343-713-005	343-713-006
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Sichelmesser, nach unten gebogen

 Sickle knife, angled down
 Coureau 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
 Coureau lancéolaire, courbe à gauche
 Cuchillo lanceado, angulado a la izquierda
 Coltello lanceado, curvato a sinistra

Lanzenmesser, rechts gebogen

 Lancet knife, curved to right
 Coureau lancéolaire, courbe à droite
 Cuchillo lanceado, angulado a la derecha
 Coltello lanceado, curvato a destra


343-713-007	343-713-008	343-713-009
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Raspatorium, links gebogen

 Raspatorium, curved to left
 Décolleur, courbe à gauche
 Raspatorio, angulado a la izquierda
 Raspatorio, curvato a sinistra

Raspatorium, rechts gebogen

 Raspatorium, 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 guida

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

1:1

1:1

1:1

	0.5 mm – 45°	0.5 mm – 45°
343-715-001	343-715-002	343-715-003

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

1:1

1:1

1:1

0.5 mm – 90°	0.5 mm – 90°	1.0 mm – 45°
343-715-004	343-715-005	343-715-006

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

Häkchen, nach oben gebogen
Hook, angled up
Crochet, coudé en haut
Gancho, curvado arriba
Uncino, curvato in alto

1:1

1:1

1:1

1.0 mm – 45°	1.0 mm	1.0 mm
343-715-007	343-715-008	343-715-009

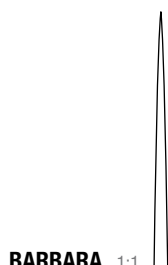
Häkchen, nach unten gebogen
Hook, angled down
Crochet, coudé en bas
Gancho, curvado a bajo
Uncino, curvato in basso

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


1:2


BARBARA 1:1

160 mm – 6 ¼ "
343-706-

150

Nadel fein, gerade, spitz
 Needle fine, straight, sharp
 Aiguille fine, droite, pointue
 Aguja fina, recta, aguda
 Ago fino, retto, acuto



1:1

160 mm – 6 ¼ "
343-707-

150

stumpf/gewinkelt
 blunt/angled
 mousse/coudée
 roma/angulada
 smusso/angolato



1:1

160 mm – 6 ¼ "
343-709-

150

Nadel, leicht gebogen, spitz
 Needle, slightly curved, sharp
 Aiguille, légèrement courbe, pointue
 Aguja, ligeramente curva, aguda
 Ago, leggermente curvato, acuto


ROSEN 1:1

160 mm – 6 ¼ "
343-711-

150

Nadel, stark gebogen, spitz
 Needle, strong curved, sharp
 Aiguille, très courbe, pointue
 Aguja, muy curvada, aguda
 Ago, fortemente curvato, acuto



1:1

0.3 mm	343-716-030
0.6 mm	343-716-060
1.0 mm	343-716-100



1:1

0.3 mm	343-718-030
0.6 mm	343-718-060
1.0 mm	343-718-100
1.2 mm	343-718-120
1.5 mm	343-718-150
2.0 mm	343-718-200
2.5 mm	343-718-250



1:1

0.3 mm	343-720-030
0.6 mm	343-720-060
1.0 mm	343-720-100
1.2 mm	343-720-120
1.5 mm	343-720-150
2.0 mm	343-720-200
2.5 mm	343-720-250



1:1

0.5 mm	343-721-050
1.0 mm	343-721-100

PLESTER

1:1

0.4 mm – 90°	435-029-090
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Fussplattenhäkchen, abgewinkelt, stumpf
 Foot plate hook, angled, blunt
 Crochet pour la platine de l'étrier, mousse
 Gancho, para placa de oído, romo
 Uncino per placca di piede, smusso

PLESTER

1:1

0.4 mm – 45°	435-029-045
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Antrum Häkchen, aufgewinkelt, stumpf
 Antrum hook, angled, blunt
 Crochet pour l'antrum, coudé, mousse
 Gancho para el antrum, acodado, romo
 Uncino per antrum, angolato in alto, smusso

1:1

160 mm – 6 ¼ "	0.6 mm
435-032-410	

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



SHAMBAUGH

1:1

1:1

	160 mm – 6 ¼ "	160 mm – 6 ¼ "
	90°	90°
0.3 mm	343-726-030	343-728-030
0.6 mm	343-726-060	343-728-060
1.0 mm	343-726-100	343-728-100

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 "	343-732-150

MCGEE

1:1

1:1

	160 mm – 6 ¼ "	160 mm – 6 ¼ "
0.5 mm	343-729-050	343-731-050
1.0 mm	343-729-100	343-731-100

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 "	343-733-150

Nadel, leicht gebogen
Needle, slightly curved
Aiguille, légèrement courbée
Aguja, ligeramente, curvado
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	343-737-030	343-739-030	343-741-030	343-743-030
0.6 mm	343-737-060	343-739-060	343-741-060	343-743-060
1.0 mm	343-737-100	343-739-100	343-741-100	343-743-100

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

FISCH

1:1

155 mm – 6"

343-747-160

rechts abgewinkelt
 angled to the right
 coudé à droite
 angulado por la derecha
 angulato a destra



1:1

155 mm – 6"

343-749-160

links abgewinkelt
 angled to the left
 coudé à gauche
 angulado por la izquierda
 angulato a sinistra

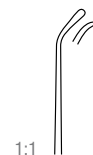


1:1

155 mm – 6"

343-751-160

rechts abgewinkelt
 angled to the right
 coudé à droite
 angulado por la derecha
 angulato a destra



1:1

155 mm – 6"

343-753-160

links abgewinkelt
 angled to the left
 coudé à gauche
 angulado por la izquierda
 angulato a sinistra



1:2

335-811-000

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 octogonales
 Soporte para 8 micro-instrumentos con mangos hexagonales o octogonales
 Supporto per 8 strumenti micro con manico esagonale e ottagonale

1:1

Mikro-Ohrlöffel

Micro ear spoons

Micro-curettes auriculaires

Micro-curetas auriculares

Micro-cucchiai auricolari



HOUSE

170 mm – 6 3/4"	343-754-010
-----------------	-------------

Löffel, stark gebogen
Spoon, strong curved
Curette, fortement coudée
Cureta, muy curvada
Cucchaio, fortemente curvato

170 mm – 6 3/4"	343-754-020
-----------------	-------------

Löffel, leicht gebogen
Spoon, slightly curves
Curette, légèrement coudée
Cureta, ligeramente curvada
Cucchaio, legeremente curvato

1:1



SHEA

	1.5 mm x 2.5 mm	1.5 mm x 2.5 mm
160 mm – 6 1/4"	343-760-010	343-760-020

gerade
straight
droits
recta
retto

abgewinkelt
angled
condé
angulado
angulato

Mikro-Ohrlöffel
Micro ear spoons
Micro-curettes auriculaires
Micro-curetas auriculares
Micro-cucchiai auricolari

HOUSE

 1:1 

 1:1 

	1.0 mm Ø und 1.2 mm Ø	1.5 mm Ø und 1.8 mm Ø
150 mm – 6"	343-758-010	343-758-020

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

HOUSE

 1:1 

 1:1 

	1.0 mm Ø und 1.2 mm Ø	1.5 mm Ø und 1.8 mm Ø
150 mm – 6"	343-756-010	343-756-020

Löffel, leicht gebogen

 Spoon, slightly curved
 Curette, légèrement coudée
 Cureta, ligeramente curvada
 Cucchaio, legeremente curvato

Löffel, leicht gebogen

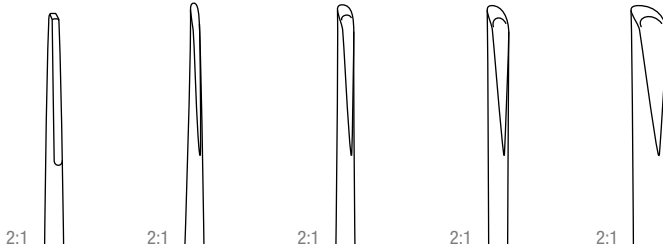
 Spoon, slightly curved
 Curette, légèrement coudée
 Cureta, ligeramente curvada
 Cucchaio, legeremente curvato

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



HEERMANN

0.7 mm	0.7 mm	1.0 mm	1.5 mm	3.0 mm
435-076-010	435-076-020	435-076-040	435-076-050	435-076-060

Flachmeißel Chisel Ciseaux Escoplo Scalpello	Hohlmeißel Gouge Gouge Gouge Gubia Sgorbia	Hohlmeißel Gouge Gouge Gouge Gubia Sgorbia	Hohlmeißel Gouge Gouge Gouge Gubia Sgorbia	Hohlmeißel Gouge Gouge Gouge Gubia Sgorbia
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HEERMANN

435-076-100

Handgriff für Meißel (435-076-010 – 435-076-050)
Handle for chisels (435-076-010 – 435-076-050)
Manche pour ciseaux (435-076-010 – 435-076-050)
Mango para escoplos (435-076-010 – 435-076-050)
Manico per scalpelli/sgorbie (435-076-010 – 435-076-050)



1:2

HEERMANN

195 mm – 7 3/4" 435-076-150

Hammer, Metall
Metal hammer
Maillet en métal
Martillo, de metal
Martello, acciaio



1:2

COTTLE

240 g
185 mm – 7 1/4" 66-620-185

Hammer, Metall
Metal hammer
Maillet en métal
Martillo, de metal
Martello, acciaio

Ohrraspatorien
Ear raspatories

Raspateurs auriculaires
Raspatorias auriculares
Raspatori auricolari



WULLSTEIN

160 mm – 6 ¼"	343-744-160	343-745-160
---------------	-------------	-------------

gerade
straight
droite
recta
rette

gebogen
curved
courbe
curva
curvo

1:1



1:1

1:1

ROSEN

	1.5 mm	2.5 mm
175 mm – 7"	343-759-010	343-759-020

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



1:1



1:1

LEMPERT

3.0 mm
160 mm – 6 ¼"
343-761-160

Ohr-Knochenstanzen

Bone rongeurs

Rongeurs auriculaires

Pinzas osteótomos auriculares

Conchotomi auricolari



CITELLI

x = 60 mm	170 mm – 6 ¾"
1.5 mm	28-140-001



2.2 mm	28-140-002
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3.0 mm	28-140-003
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1:2



1:2

KERRISON

	200 mm – 8"	3 x 3 mm	4 x 4 mm	5 x 5 mm	6 x 6 mm
	x = 80 mm	28-280-003	28-280-004	28-280-005	28-280-006



Ohr-Knochenstanzen

Bone rongeurs

Rongeurs auriculaires

Pinzas osteótomos auriculares

Conchotomi auricolari



BEYER

	1 mm
140 mm – 5 ½"	28-170-000



BEYER

	2 mm
190 mm – 7 ½"	28-172-000

Bohrer
Burrs
Fraises
Brocas
Perforatori

hinschieben



„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 – 2 ¾"	336-850-060	336-850-070	336-850-080	336-850-100	336-850-140	336-850-180	336-850-230	336-850-270

„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, inoxidable
 Perforatori “Rosen”, 70 mm lungo, asta Ø 2.35 mm, inossidabili

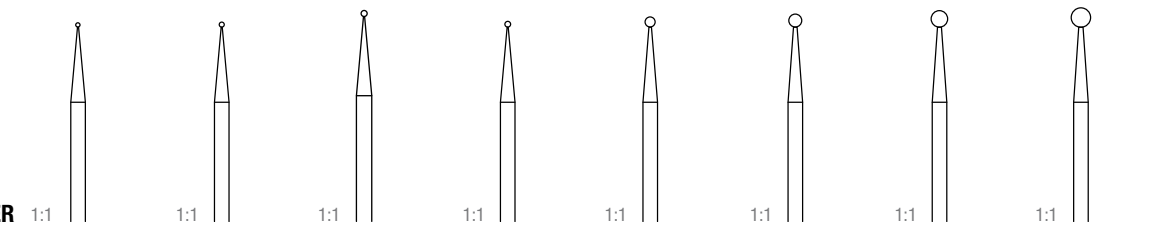
	3.1 mm Ø	3.5 mm Ø	4.0 mm Ø	4.5 mm Ø	5.0 mm Ø	6.0 mm Ø	7.0 mm Ø
70 mm – 2 ¾"	336-850-310	336-850-350	336-850-400	336-850-450	336-850-500	336-850-600	336-850-700

„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 – 3 ¾"	336-852-140	336-852-180	336-852-230	336-852-270	336-852-310	336-852-350

„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, inoxidable
 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 – 3 ¾"	336-852-400	336-852-450	336-852-500	336-852-600	336-852-700

Bohrer
Burrs
Fraises
Brocas
Perforatori


DIAMANTBOHRER 1:1

	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"	338-176-060	338-176-070	338-176-080	338-176-100	338-176-150	338-176-180	338-176-230	338-176-270

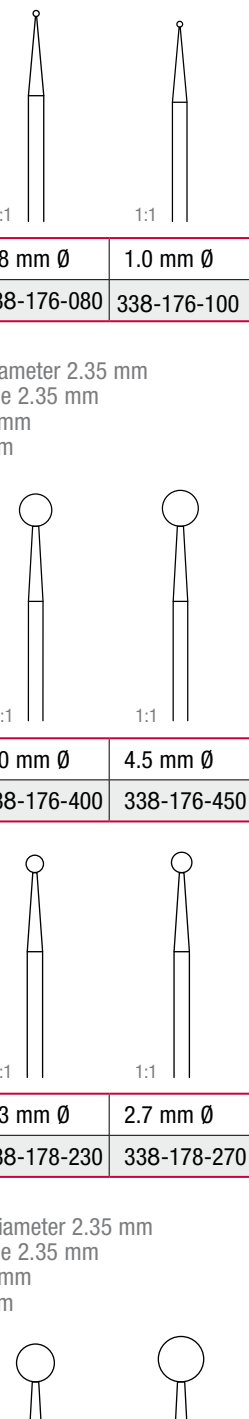
Diamantbohrer, 70 mm lang, Schaft-Ø 2.35 mm

Diamond 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

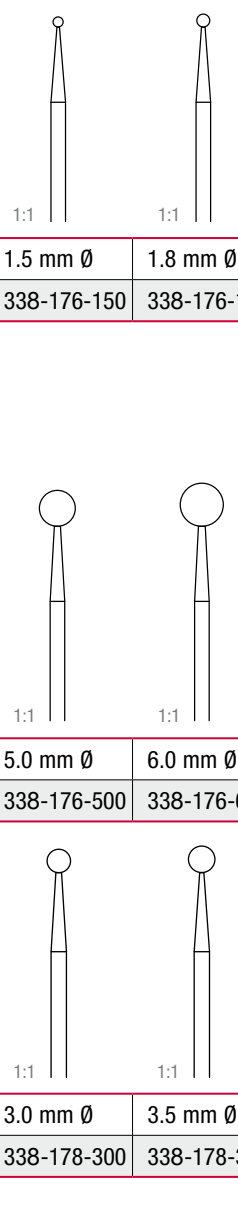
Brocas diamantadas, largo 70 mm, vástago-Ø 2.35 mm

Perforatori diamantati, 70 mm lungo, asta Ø 2.35 mm



1:1

	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"	338-176-300	338-176-350	338-176-400	338-176-450	338-176-500	338-176-600	338-176-700



DIAMANTBOHRER 1:1

	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"	338-178-150	338-178-180	338-178-230	338-178-270	338-178-300	338-178-350

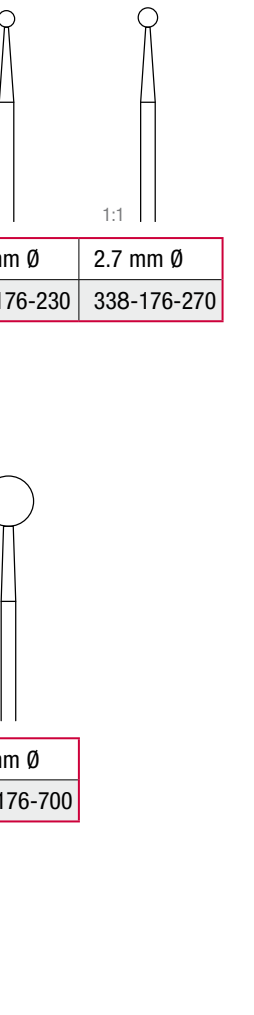
Diamantbohrer, 95 mm lang, Schaft-Ø 2.35 mm

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



1:1

	4.0 mm Ø	4.5 mm Ø	5.0 mm Ø	6.0 mm Ø	7.0 mm Ø
95 mm – 3¾"	338-178-400	338-178-450	338-178-500	338-178-600	338-178-700

Nasenspekula

Nasal specula

Spéculums nasaux

Espéculos nasales

Specoli nasali



1:2

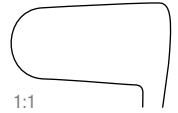
**THUDICHUM
(GOLDSMITH)**



1:1



1:1



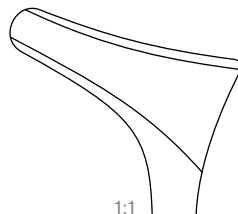
1:1

	21 mm x 9.5 mm	21 mm x 10.5 mm	21 mm x 11.5 mm
65 mm – 2½"	345-046-010	345-046-020	345-046-030

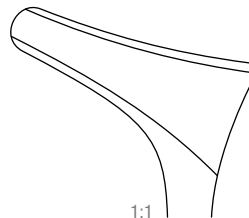


1:2

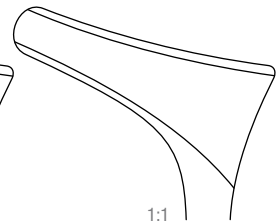
HARTMANN



1:1



1:1



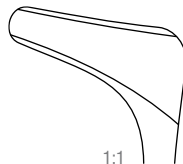
1:1

160 mm – 6¼"	45-021-001	45-021-002	45-021-003
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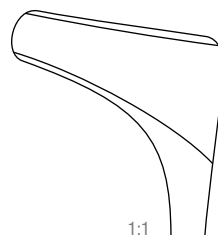


1:2

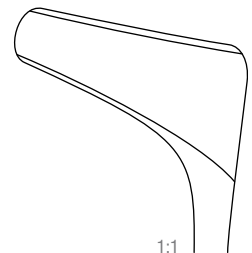
HARTMANN-HALLE



1:1



1:1



1:1

150 mm – 6"	45-031-001	45-031-002	45-031-003
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Nasenspekula
Nasal specula
Spéculums nasaux
Espéculos nasales
Specoli nasali



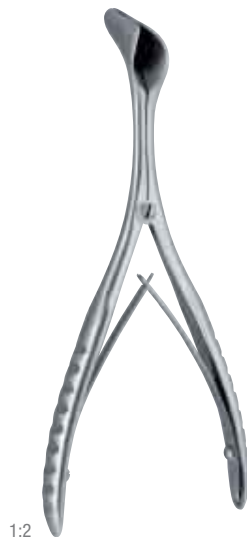
1:2

TIECK-HALLE

1:1

135 mm – 5 ¼"

45-061-000



1:2

SCHWARZ

1:1

140 mm – 5 ½"

435-837-140

für Säuglinge
for babies
pour nourrissons
para lactantes
per lattanti



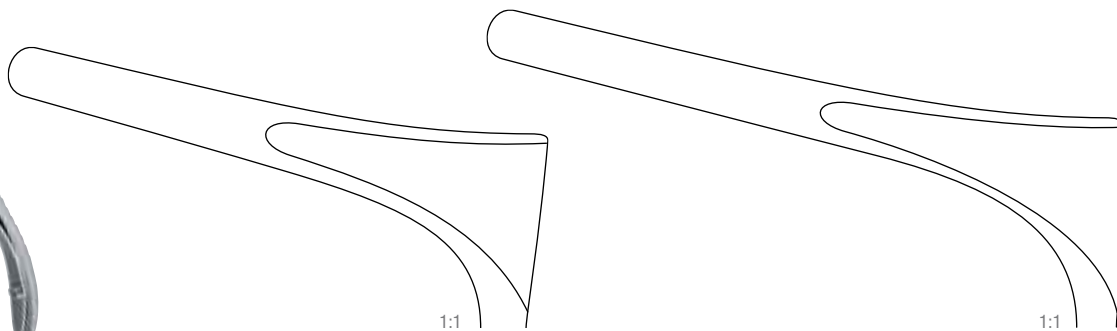
1:2

KILLIAN

1:1

1:1

	x = 35 mm	x = 50 mm
130 mm – 5"	45-041-001	45-041-002



1:1

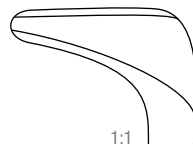
1:1

	x = 75 mm	x = 90 mm
130 mm – 5"	45-041-003	45-041-004

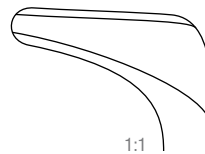
Nasenspekula
Nasal specula
Spéculums nasaux
Espéculos nasales
Specoli nasali



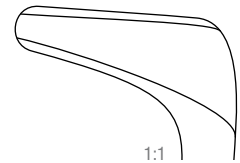
1:2



1:1



1:1



1:1

BECKMANN

150 mm – 6"

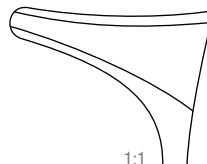
435-845-001

435-845-002

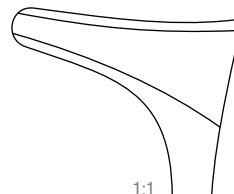
435-845-003



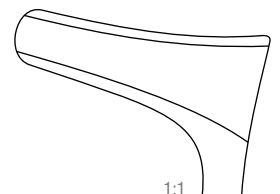
1:2



1:1



1:1



1:1

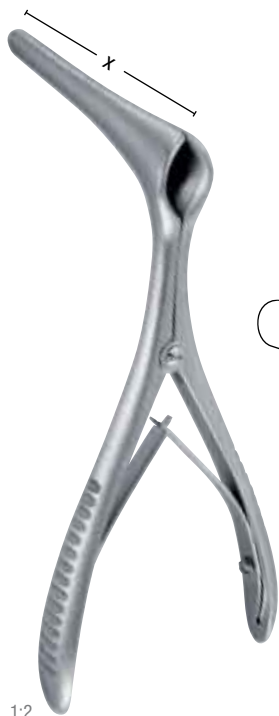
MOD. WIEN

145 mm – 5 ¾"

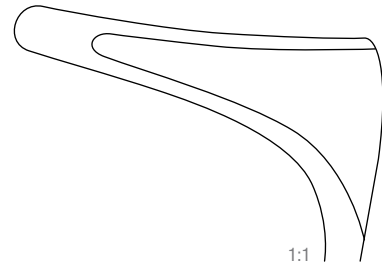
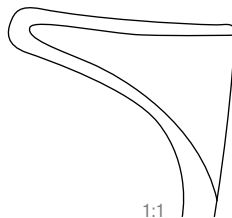
45-051-001

45-051-002

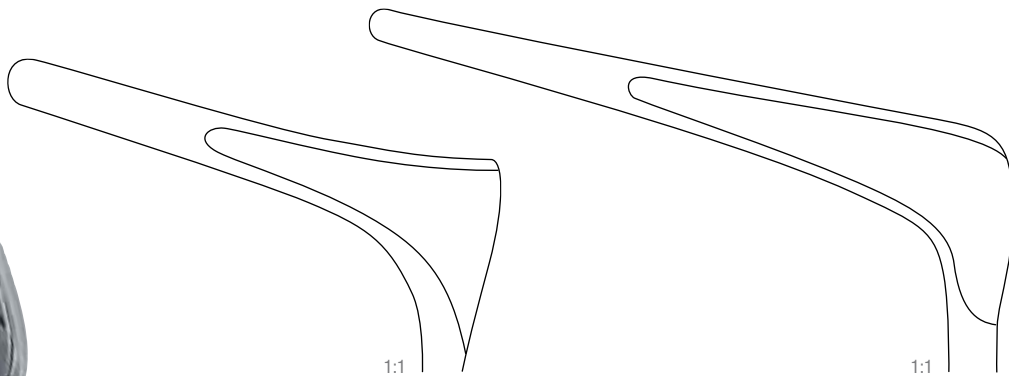
45-051-003

Nasenspekula
Nasal specula
Spéculums nasaux
Espéculos nasales
Specoli nasali


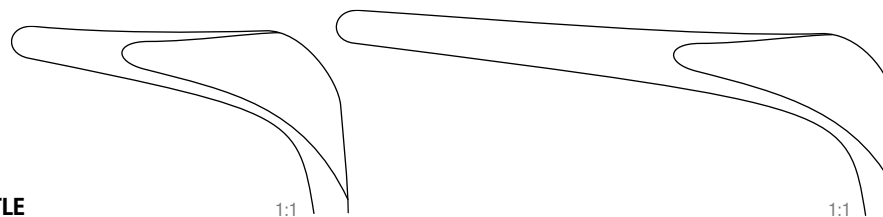
1:2

COTTLE


	x = 35 mm	x = 50 mm
150 mm – 6"	45-071-035	45-071-050



	x = 75 mm	x = 90 mm
150 mm – 6"	45-071-075	45-071-090


COTTLE

	x = 35 mm	x = 50 mm
140 mm – 5 ½"	345-122-350	345-122-500

schwarz verchromt
 black, chrome plated
 chromé en noir
 cromado en negro
 cromato nero

	x = 75 mm	x = 90 mm
140 mm – 5 ½"	345-122-750	345-122-900

schwarz verchromt
 black, chrome plated
 chromé en noir
 cromado en negro
 cromato nero



1:2

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"	436-117-200
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LUBET-BARBON

200 mm – 8"	345-161-200
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HARTMANN

160 mm – 6¼"	45-221-160
200 mm – 8"	45-221-200

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 – 5½" 343-239-140



HEYMANN-KNIGHT

180 mm – 7" 345-165-180



CRAIG

180 mm – 7" 436-209-180

Nasentamponzange

Nasal dressing forceps

Pince à pansement pour le nez

Pinza nasal para taponamiento

Pinza per tamponamento nasale



NOYES

x = 110 mm – 3½"

435-431-090

1 x 2

Nasenpolypenzangen

Nasal polypus

Pinces à polypes nasales

Pinzas para pólipos nasales

Pinze per polipi nasali



HEYMANN



1:1



1:1



1:1

180 mm – 7"

345-177-010

345-177-020

345-177-030



LITTAUER

180 mm – 7"

345-163-180



KNIGHT

180 mm – 7"

345-181-180

Scharfe Nasenzangen
Nasal cutting forceps

Pinces coupantes pour le nez
Pinzas nasales cortantes
Pinze taglianti per naso



LUC

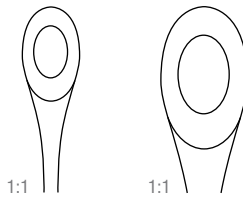


	Fig. 1	Fig. 2
200 mm – 8"	345-193-010	345-193-020

gefenstert
fenestrated
fenêtré
fenestrado
finestrato

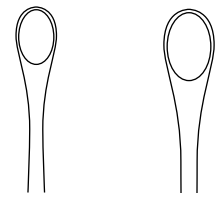
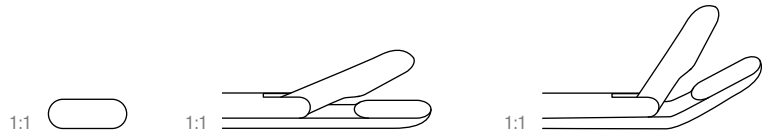


Fig. 1	Fig. 2
345-191-010	345-191-020

voll
plaine
pleine
lleno
pieno



TAKAHASHI



	3.5 mm x 10 mm	3.5 mm x 10 mm
x = 120 mm – 4 ¾"	436-231-120	436-233-120

Scharfe Nasenzangen
Nasal cutting forceps

Pinces coupantes pour le nez
Pinzas nasales cortantes
Pinze taglienti per naso



BRUENINGS



190 mm – 7 1/2"

45-251-001

45-251-002

45-251-003

45-251-004

1:2



WEIL

WATSON-WILLIAMS

x = 120 mm – 4 3/4"

436-245-120

436-237-100

345-235-010

1:2

Scharfe Nasenzangen
Nasal cutting forceps

Pinces coupantes pour le nez
Pinzas nasales cortantes
Pinze taglianti per naso

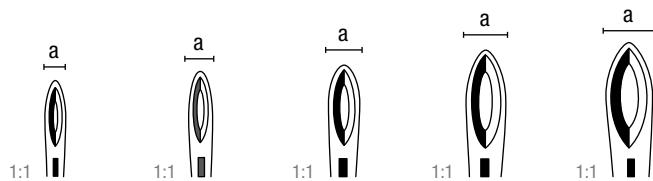


Fig. 1	Fig. 2	Fig. 3	Fig. 4	Fig. 5
a = 3.0 mm	a = 3.5 mm	a = 4.5 mm	a = 5.0 mm	a = 5.5 mm

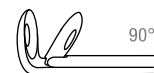
**WEIL-
BLAKESLEY**



x = 120 mm – 4 ¾"	45-321-001	45-321-002	45-321-003	45-321-004	45-321-005
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x = 120 mm – 4 ¾"	45-319-001	45-319-002	45-319-003	45-319-004
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x = 120 mm – 4 ¾"	45-317-001	45-317-002	45-317-003
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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

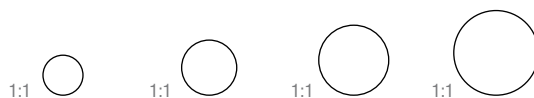


x = 180 mm – 7"	345-223-010	345-223-020	345-223-030	345-223-040	345-223-050
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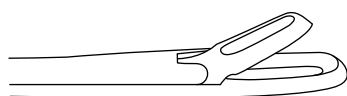
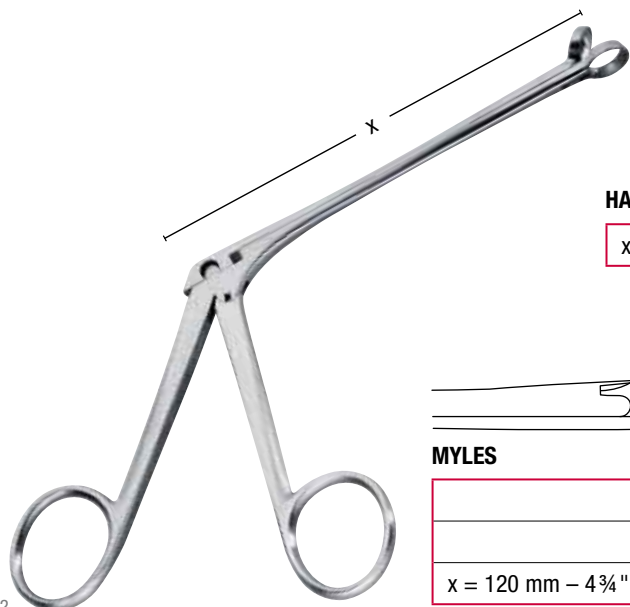


x = 180 mm – 7"	345-225-010	345-225-020	345-225-030	345-225-040
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HARTMANN



x = 120 mm – 4 ¾"	45-371-005	45-371-007	45-371-009	45-371-011
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MYLES

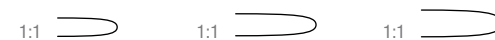


	Fig. 1	Fig. 2	Fig. 3
	2.0 x 10.0 mm	2.5 x 12.0 mm	3.0 x 14.0 mm
x = 120 mm – 4 ¾"	345-233-010	345-233-020	345-233-030

1:2

Scharfe Nasenzangen

Nasal cutting forceps

Pinces coupantes pour le nez

Pinzas nasales cortantes

Pinze taglianti per naso



1:2



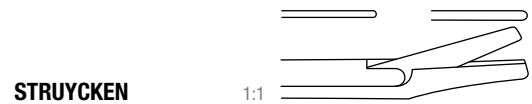
SCHMEDEN

$x = 120 \text{ mm} - 4 \frac{3}{4}''$	45-375-001	45-375-002	45-375-003
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TOMATI

$x = 120 \text{ mm} - 4 \frac{3}{4}''$	45-381-120
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STRUYCKEN

$x = 120 \text{ mm} - 4 \frac{3}{4}''$	0.9 mm	1.2 mm
	45-351-001	45-351-002

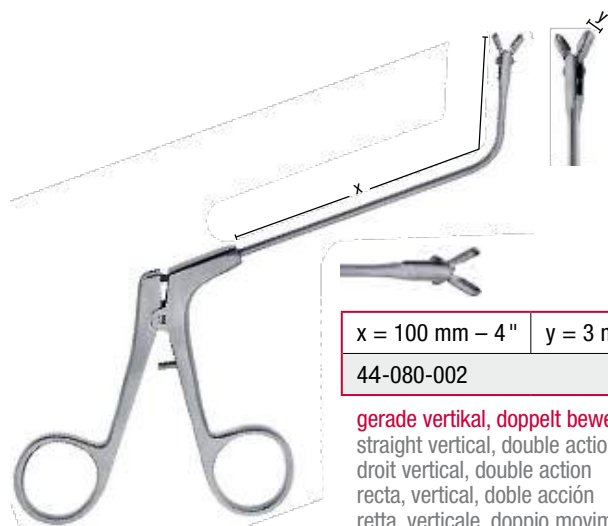


HENKE

$x = 120 \text{ mm} - 4 \frac{3}{4}''$	45-353-120
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Scharfe Nasenzangen
Nasal cutting forceps

Pinces coupantes pour le nez
Pinzas nasales cortantes
Pinze taglianti per naso



x = 100 mm – 4"	y = 3 mm
44-080-002	

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
44-080-004	

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
44-080-006	

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



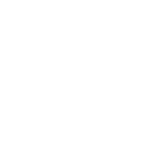
x = 100 mm – 4"	y = 3 mm
44-084-030	

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
44-088-030	

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
44-087-030	

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
44-090-030	

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
44-085-030	

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
44-081-030	

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
44-083-030	

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
44-092-030	

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
44-093-030	

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
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44-084-040

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
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44-088-040

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
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44-090-040

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
-----------------	----------

44-085-040

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
-----------------	----------

44-092-040

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
-----------------	----------

44-081-040

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
-----------------	----------

44-087-040

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
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44-083-040

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

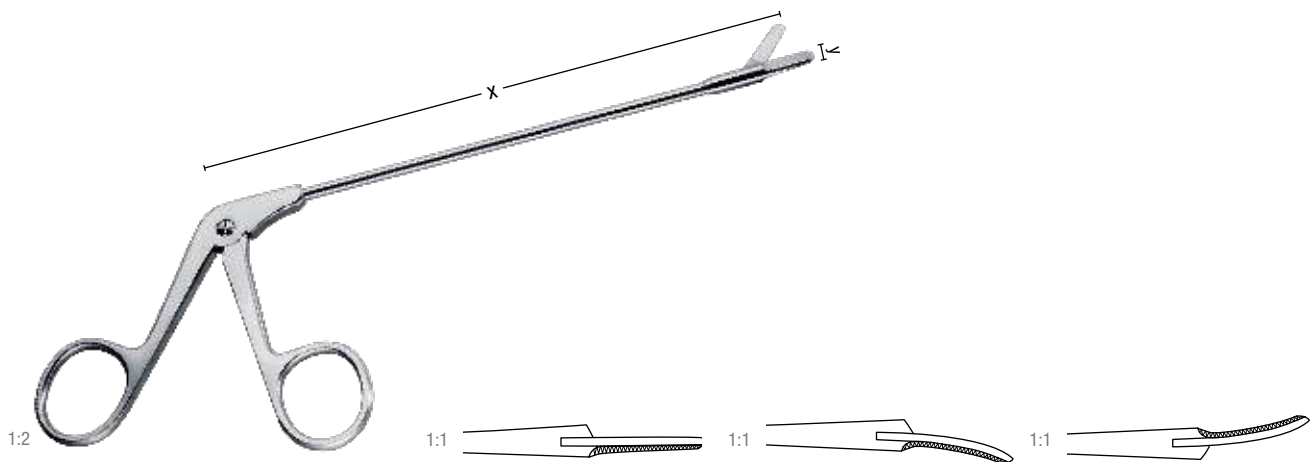


	Fig. 1	Fig. 2	Fig. 3
x = 135 mm – y = 5 mm	44-070-002	44-070-005	44-070-003

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 circolare



	x = 180 mm – 7"	x = 180 mm – 7"
3.5 mm Ø	44-096-035	44-097-035
4.5 mm Ø	44-096-045	44-097-045

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



1:1

x = 100 mm	Fig. 1	Fig. 2	Fig. 3
3.0 mm (für Kinder)	44-053-030	44-049-030	44-051-030
3.5 mm	44-053-035	44-049-035	44-051-035
4.5 mm	44-053-045	44-049-045	44-051-045

rückwärts nach oben schneidend
backward, up-cutting
retrograde coupe en haut
retrograda corte arriba
retrograda tagliente in alto

rückwärts nach rechts schneidend
backward, cut to the right
retrograde coupe à droite
retrograda corte a la derecha
retrograda tagliente a destra

rückwärts nach links schneidend
backward, cut to the left
retrograde coupe à gauche
retrograda corte a la izquierda
retrograda tagliente a sinistra

x = 100 mm	Fig. 4	Fig. 5
3.0 mm (für Kinder)	44-055-030	44-057-030
3.5 mm	44-055-035	44-057-035
4.5 mm	44-055-045	

nach unten schneidend
down-cutting
retrograde coupe en bas
retrograda corte abajo
retrograda tagliente basso

drehbar
rotating
rotatif
rotatorio
rotativo

Keilbeinstanzen
Punches sphenoid bone
Pinces pour le sinus sphénoïdal
Pinzas para esfenoides
Pinze sfenoidali taglienti


HAJEK	HAJEK-KOFLER
x = 140 mm – 5 ½"	x = 140 mm – 5 ½"
4 mm x 4 mm	3.5 mm x 3.5 mm
28-228-040	28-220-035

HAJEK	HAJEK-KOFLER
x = 140 mm – 5 ½"	x = 140 mm – 5 ½"
4 mm x 4 mm	3.5 mm x 3.5 mm
28-230-040	28-222-035



HAJEK-KOFLER	
	3.5 mm
x = 180 mm – 7"	28-218-035

Schaft 360° drehbar
 Shaft rotates 360°
 Tige orientable à 360°
 Tijera rotativa 360°
 Asta girevole 360°

Keilbeinstanzen

Punches sphenoid bone

Pinces pour le sinus sphénoïdal

Pinzas para esfenoïdes

Pinze sfenoïdali taglienti



1:2

HAJEK-CLAUS

200 mm – 8 "

345-316-200

Nasenpolypenschnürer

Nasal polypus snares

Serre noeuds pour polypes

Polipótomos nasales

Serranodi nasali



0.3 mm Ø x 100 mm | 45-131-003

in Bündeln mit 12 Stück
in bundles of 12 pieces
en paquets de 12 pièces
en liós de 12 piezas
pacchetto di 12 pezzi



KRAUSE 1:2

260 mm – 10¼" | 45-121-260



KRAUSE-VOSS 1:2

260 mm – 10¼" | 45-123-260

mit 2 Aufsätzen
with 2 inserts
avec 2 guide-anses
con 2 guías
con 2 guide ansa

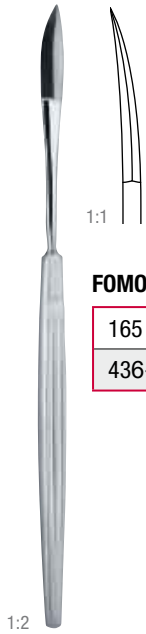


LANGE-WILDE 1:2

240 mm – 9½" | 45-127-240

Nasenmesser
Nasal knives

Bistouris pour nez
Cuchillos nasales
Bisturi per naso



FOMON

165 mm – 6 ½"

436-440-160



JOSEPH

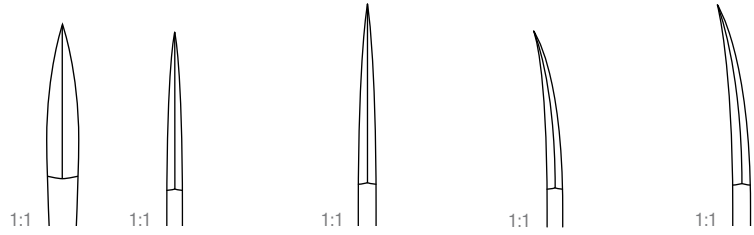
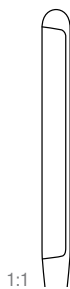


	Fig. 1	Fig. 2	Fig. 1	Fig. 2
160 mm – 6 ¼"	01-620-001	01-620-002	01-621-001	01-621-002

scharf/spitz
sharp/sharp
tranchant/pointu
cortante/agudo
acuto

gerade
straight
droits
recta
retto

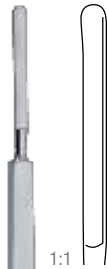
gebogen
curved
courbe
curva
curvo



COTTLE

140 mm – 5 ½"

01-636-150



JOSEPH

150 mm – 6"

01-632-150



JOSEPH

175 mm – 7"

436-451-030



BRUENINGS

165 mm – 6 ½"

345-394-160

01-680-000

Ersatzklinge
Spare blade
Lame de rechange
Hoja de recambio
Lama di ricambio

Nasenmesser
Nasal knives

Bistouris pour nez
Cuchillos nasales
Bisturi per naso



FREER

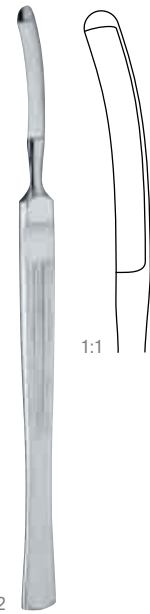
1:2

1:2

190 mm – 6 ½"

01-661-001

01-661-002



CONVERSE

1:2

1:1

160 mm – 6 ¼"

345-375-160



FREER

1:2

1:1

150 mm – 6"

436-478-150



FREER

1:2

1:1

150 mm – 6"

01-650-160



FREER

1:2

1:1

150 mm – 6"

436-482-150

Tonsillennmesser
Tonsils knives

Couteurs à tonsils
Bisturís para amígdalas
Bisturi per tonsille



1:2



1:2



1:2

FREER

210 mm – 8¼"

01-741-210

01-743-210

200 mm – 8"

01-739-200

Sichelmesser
Sickle knife
Couteau à faucille
Cuchillo falciforme
Coltello a forma di falce



1:2

BRUENINGS

230 mm – 9"

01-761-230



1:2

ABRAHAM

220 mm – 8¾"

01-757-210



1:2

FISCHER

230 mm – 9"

01-753-225



1:1



1:2

200 mm – 8"

01-737-200

scharf
sharp
tranchant
cortante
acut

Antrumküretten
Antrum curettes

Curettes d'antrum
Curetas para el antrum
Curette per antrum



200 mm – 8"	200 mm – 8"
436-731-001	436-731-002



200 mm – 8"
7 mm x 11 mm
436-733-200



PRATT

210 mm – 8 ¼"
436-735-210



FAULKNER

210 mm – 8 ¼"
45-681-210



COAKLEY

200 mm – 8"
436-745-120



COAKLEY

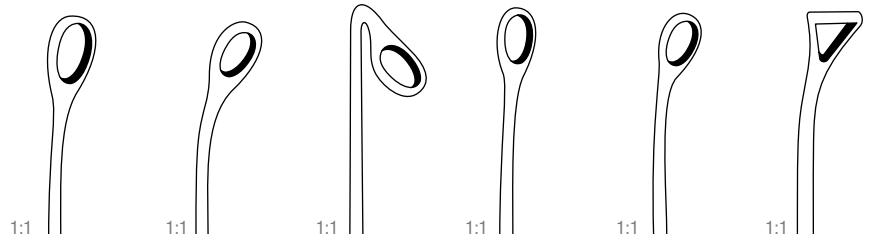
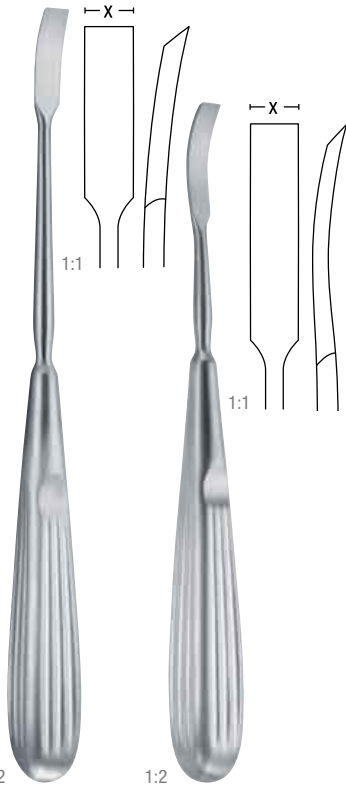


	Fig. 1	Fig. 2	Fig. 3	Fig. 4	Fig. 5	Fig. 6
170 mm – 6 ¾"	345-603-010	345-603-020	345-603-030	345-603-040	345-603-050	345-603-060
345-603-000	x	x	x	x	x	x

Satz
Set
Jeu
Juego
Serie

Septum elevatorien – Raspatorien
Septum elevators – raspatories

Élévateurs – rugines pour la cloison nasale
Elevadores – legras para el tabique nasal
Elevatori – periostotomi per setto



LEMPERT	1:2	205 mm – 8"	180 mm – 7"
x = 6 mm		26-325-205	26-321-180

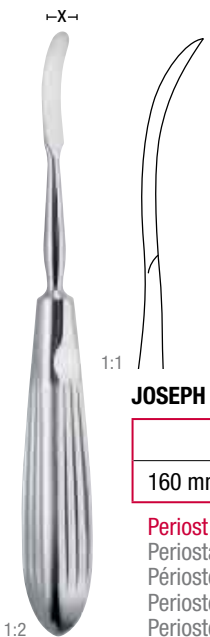


FREER	1:2	x = 4 mm	
		160 mm – 6¼"	45-523-004



COTTLE	1:2	x = 8 mm	
		190 mm – 7½"	345-421-190

scharf
sharp
tranchant
cortante
acuta



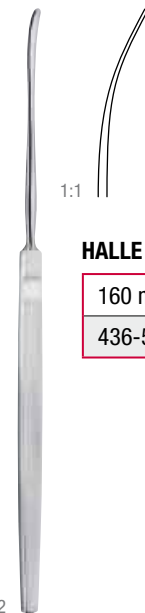
JOSEPH	1:2	x = 5 mm	
		160 mm – 6¼"	26-481-160

Periost Elevatorien
Periostal elevators
Périostotome
Periostótomo
Periostotomo



SEWALL	1:2	200 mm – 8"	331-703-200
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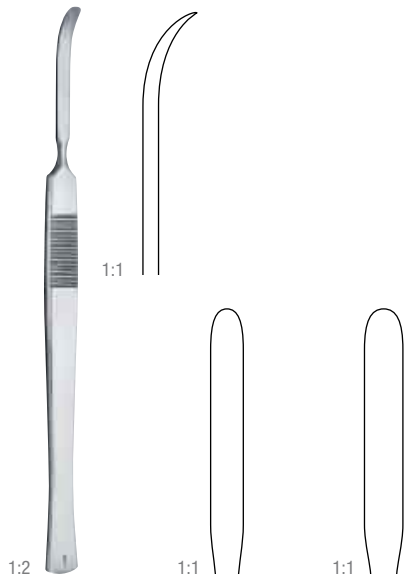
Antrum Elevatorium
Antrum elevator
Élévateur pour le fosse nasale
Elevador para el antro
Elevatore per antro



HALLE	1:2	160 mm – 6¼"	
		436-521-160	

Septum elevator – Raspatorien
Septum elevators – raspatories

Élévateurs – rugines pour la cloison nasale
Elevadores – legras para el tabique nasal
Elevatori – periostotomi per setto



MCKENTY

	4 mm	5 mm
150 mm – 6"	345-406-040	345-406-050

scharf
sharp
tranchant
cortante
acuta



COTTLE

	x = 5 mm
235 mm – 9¼"	345-417-230

scharf
sharp
tranchant
cortante
acuta



MCKENTY

	x = 4 mm
205 mm – 8"	436-545-220

scharf
sharp
tranchant
cortante
acuta

Septum elevator – Raspatorien
Septum elevators – raspatories

Élévateurs – 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"	436-556-180

scharf/stumpf
sharp/blunt
tranchant/mousse
cortante/romo
acuta/smussa



KILLIAN 1:2 1:1

	x = 4.5 mm
230 mm – 9"	345-422-220

scharf/stumpf
sharp/blunt
tranchant/mousse
cortante/romo
acuta/smussa



FREER 1:2 1:1

190 mm – 7½"	26-449-190
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stumpf
blunt
mousse
romo
smussa



FREER 1:2 1:1

180 mm – 7"	26-451-180
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scharf/stumpf
sharp/blunt
tranchant/mousse
cortante/romo
acuta/smussa

Septumelevatorien – Raspatorien
Septum elevators – raspatories

Élévateurs – rugines pour la cloison nasale
Elevadores – legras para el tabique nasal
Elevatori – periostotomi per setto



FREER 1:2 1:1
205 mm – 8" 26-451-205

scharf/stumpf
sharp/blunt
tranchant/mousse
cortante/romo
acuta/smussa



PENNINGTON 1:2 1:1
215 mm – 8½" 436-564-210

stumpf
blunt
mousse
romo
smussa



JOSEPH-MASING 1:2 1:1
215 mm – 8½" 436-575-220

scharf
sharp
tranchant
cortante
acuta

Periostelevatorien
Periosteal elevators

Élévateurs pour la périoste
Legras para perióstio
Elevatori per il periosto



MASING

200 mm – 8"	436-579-210
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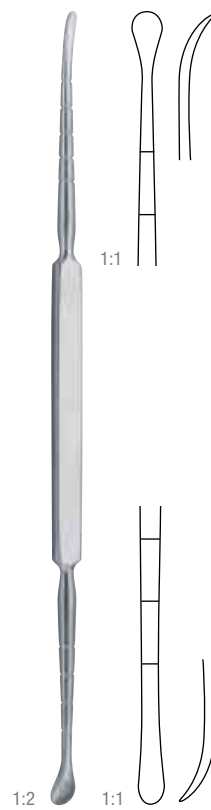
BALLENGER-HAJEK

190 mm – 7 ¼"	436-546-190
220 mm – 8 ¾"	345-424-210



COTTLE

220 mm – 8 ¾"	26-421-220
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COTTLE

210 mm – 8 ¼"	436-580-210
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Septum elevatorien
Septum elevators

Elévateurs pour la cloison nasale
Elevadores para el tabique nasal
Elevatori per setto



1:2

BOIES

190 mm – 7½"	345-428-190
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Nasenfraktur Elevatorium, stumpf
 Nasal fracture elevator, blunt
 Elévateur pour fractures nasales, mousse
 Elevador para fracturas nasales, romas
 Elevatore per fratture nasali, smussa

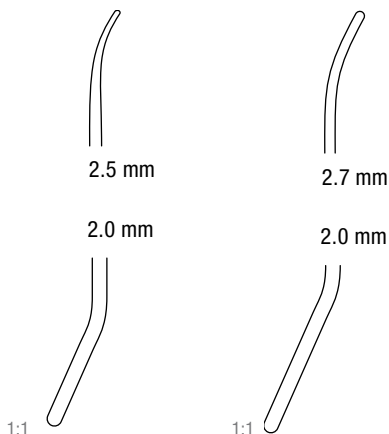


1:2

GOLDMAN

170 mm – 6¾"	345-430-170
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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"
331-762-130	331-762-190

Raspatorium
 Raspatory
 Rugine
 Raspatorio
 Periostotomo

Nasensägen
Nasal saws

Scies nasales
Sierras nasales
Seghe nasali



JOSEPH

1:2

1:2

190 mm – 7½"

45-621-001

45-621-002



JOSEPH

1:2

190 mm – 7½"

45-620-000



JOSEPH

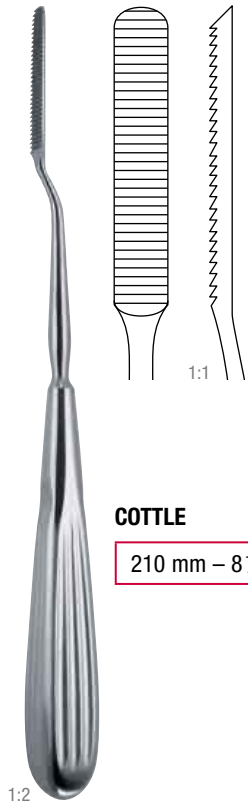
1:2

1:2

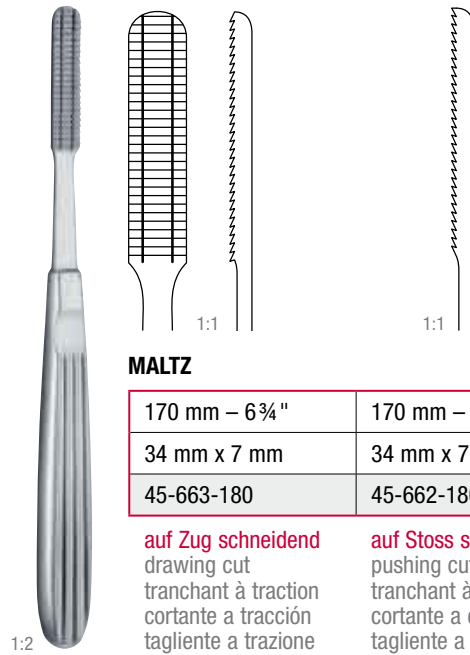
170 mm – 6¾"

45-631-001

45-631-002

Nasenraspeln
Nasal rasps
Râpes nasales
Limas nasales
Raspe nasali

COTTLE

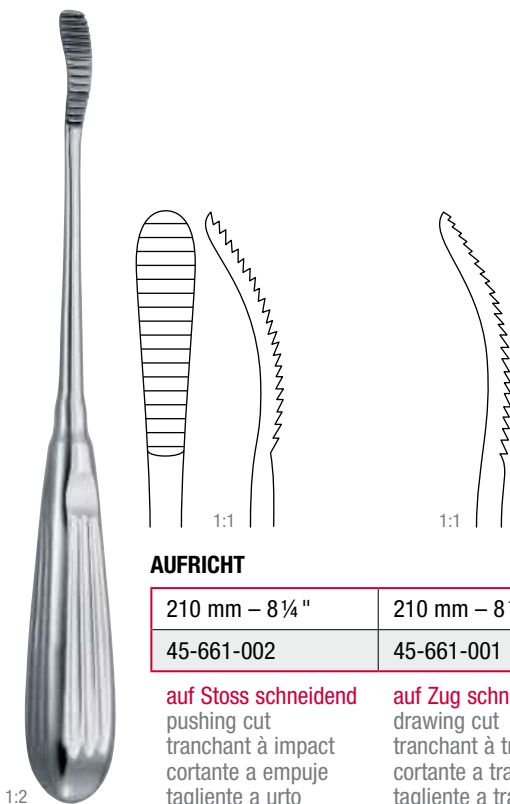
210 mm – 8 ¼ "	45-658-000
----------------	------------


MALTZ

170 mm – 6 ¾ "	170 mm – 6 ¾ "
34 mm x 7 mm	34 mm x 7 mm
45-663-180	45-662-180

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 "
45-661-002	45-661-001

auf Stoss schneidend
 pushing cut
 tranchant à impact
 cortante a empuje
 tagliente a urto

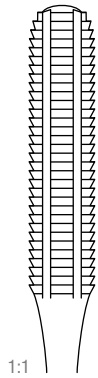
auf Zug schneidend
 drawing cut
 tranchant à traction
 cortante a tracción
 tagliente a trazione

Nasenraspeln
Nasal rasps
Râpes nasales
Limas nasales
Raspe nasali



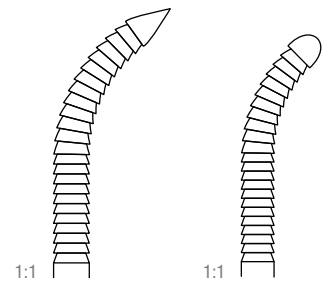
MALTZ

	40 mm x 9 mm
175 mm – 7"	345-500-180

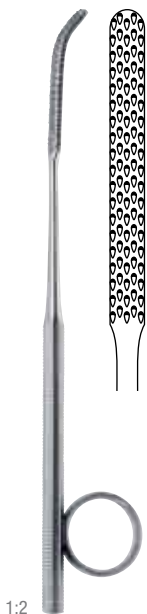


WIENER

	Ø 3.5 mm	Ø 3.5 mm
180 mm – 7"	345-503-180	345-503-190

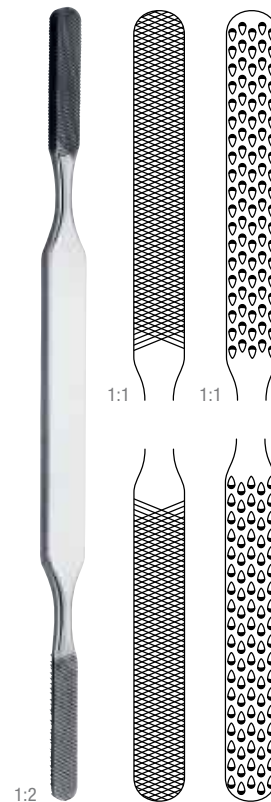
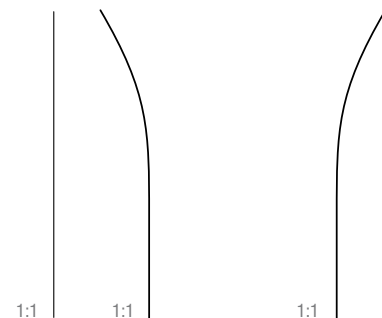


Antrum Raspeln
Antrum rasps
Râpes pour le fosse nasale
Limas para el antrum
Raspe per antrum



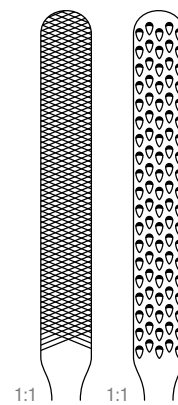
GALLAHER

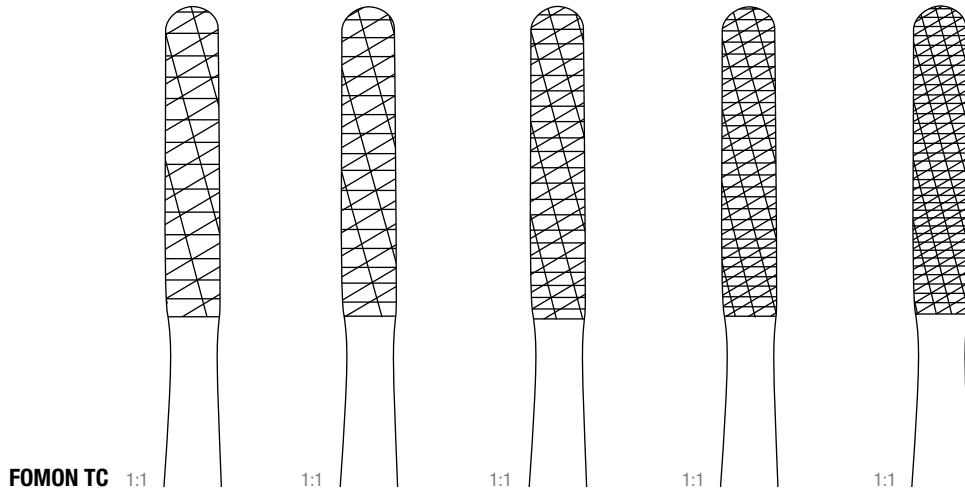
160 mm – 6 ¼"	160 mm – 6 ¼"	160 mm – 6 ¼"
345-522-160	345-523-160	345-525-160



FOMON

210 mm – 8 ¼"
346-516-210



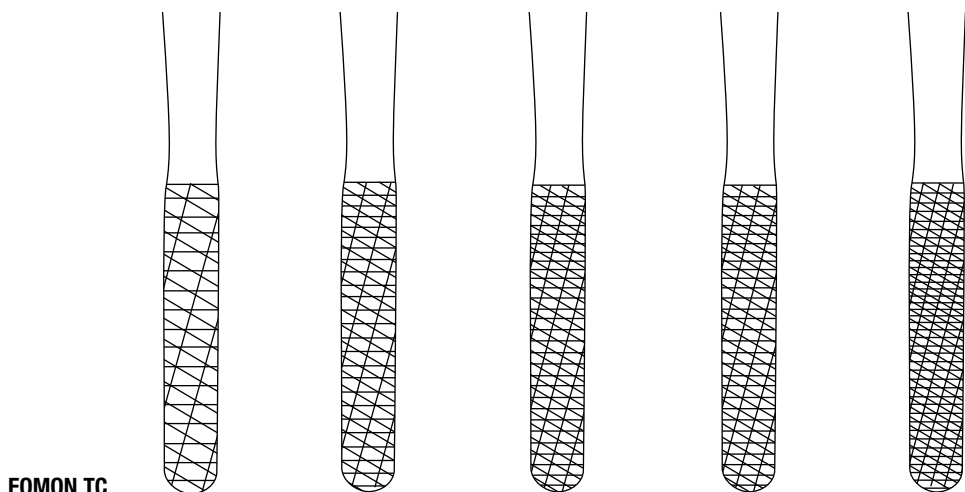
Raspeln mit Hartmetall
Rasps with tungsten carbide
Râpes avec inserts de carbure de tungstène
Limas con carburo de tungsteno
Raspe con tungsteno

FOMON TC

almedur	almedur	almedur	almedur	almedur
Fig. 1	Fig. 3	Fig. 5	Fig. 7	Fig. 9
12	16	24	36	52

Zähne

 Teeth
 Dentes
 Dientes
 Denti

200 mm – 8"	345-518-010	345-518-030	345-518-050	345-518-070	345-518-090
-------------	-------------	-------------	-------------	-------------	-------------


FOMON TC

almedur	almedur	almedur	almedur	almedur
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 – 7½"	436-781-190
--------------	-------------

Kieferhöhlenhaken, gezahnt

Antrum retractor, serrated
Ecarteur pour sinus maxillaire, dentelé
Separador para sinus, dentado
Retratore mascellare, dentato



1:2

RITTER-HALLE

	160 mm – 6¼"
2.5 mm Ø	436-837-250
3.0 mm Ø	436-837-300
4.0 mm Ø	436-837-400
5.0 mm Ø	436-837-500

Stirnhöhlen-Dilatatoren

Frontal sinus bougies
Dilateurs pour le sinus frontal
Dilatadores para el sinus frontal
Dilatatore per il seno frontale



COTTLE 1:2

120 mm – 4¾"	436-646-010
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Griff
Handle
Manche
Mango
Manico



COTTLE 1:2

7 mm	436-646-020
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Führungshilfe für Osteotome
Guide support for osteotomes
Support conducteur pour ostéotomes
Soporte de guía para osteótomos
Supporto di guida per osteotomi



COTTLE 1:2 1:2

65 mm x 30 mm x 30 mm	436-648-000
-----------------------	-------------

Knorpelquetsche
Cartilage crusher
Pincas-gouge à cartilage
Machacadora
Torchio per cartilagine

Septumzangen
Septum forceps

Pinces pour la cloison nasale
Pinzas para el tabique nasal
Pinze per il setto nasale



1:2

COTTLE-WALSHAM

1:2



1:2



1:2



230 mm – 9"	45-478-001	45-478-002	45-478-003
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gerade
straight
droit
recta
rette

links
left
à gauche
izquierda
a sinistra

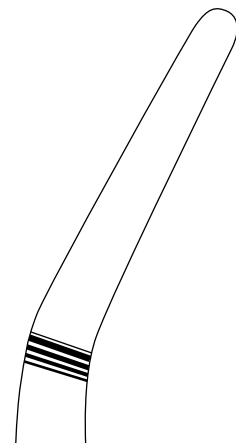
rechts
right
à droite
derecha
a destra



1:2

ASCH

1:1



230 mm – 9"	45-481-230
-------------	------------

Septumzangen
Septum forceps

Pinces pour la cloison nasale
Pinzas para el tabique nasal
Pinze per il setto nasale



MIDDLETON-JANSEN

1:1



190 mm – 7½"

45-395-190



MIDDLETON-JANSEN

1:1



190 mm – 7½"

45-397-190

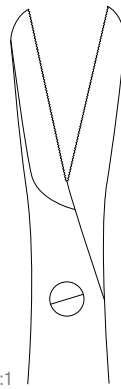
1:2

1:2



CAPLAN

1:1



200 mm – 8"

436-327-200

gezahnt
toothed
dentelée
dentado
dentato

1:2



RUBIN

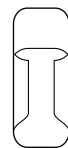
1:1



210 mm – 8¼"

345-247-210

1:2



436-331-010

Schutzkappe
Protection Cap
Capuchon protecteur
Capuchon protectora
Calotta protettiva

Ringmesser

Adenoid cures

Couteaux à végétations adénoïdes

Cuchillos para vegetaciones adenoideas

Adenotomi



1:2

**ST. CLAIR-
THOMSON**



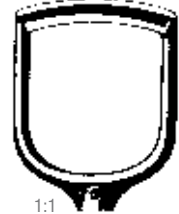
1:1



1:1



1:1



1:1

210 mm – 8¼"

45-731-001

45-731-002

45-731-003

45-731-004



1:2

BARNHILL



1:1



1:1



1:1



1:1

220 mm – 8¾"

Fig. 1

Fig. 2

Fig. 3

Fig. 4

345-626-010

345-626-020

345-626-030

345-626-040

Ringmesser
Adenoid cures

Couteaux à végétations adénoïdes
Cuchillos para vegetaciones adenoideas
Adenotomi



1:2

1:2



1:1



1:1



1:1

BECKMANN

220 mm – 8¾"	45-721-001	45-721-002	45-721-003
--------------	------------	------------	------------

gerade
straight
droit
recto
rette

220 mm – 8¾"	436-752-010	436-752-020	436-752-030
--------------	-------------	-------------	-------------

gebogen
curved
courbe
curvo
curve



1:1



1:1



1:1

220 mm – 8¾"	45-721-004	45-721-005	45-721-006
--------------	------------	------------	------------

gerade
straight
droit
recto
rette

220 mm – 8¾"	436-752-040	436-752-050	436-752-060
--------------	-------------	-------------	-------------

gebogen
curved
courbe
curvo
curve

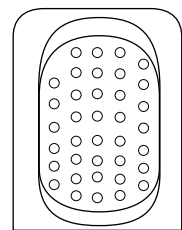
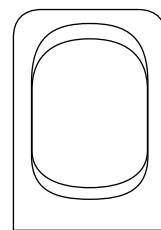
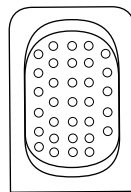
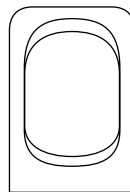
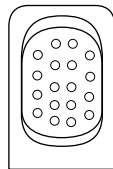
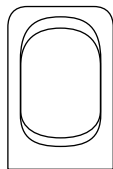
Ringmesser

Adenoid currettes

Couteaux à végétations adénoïdes

Cuchillos para vegetaciones adenoïdes

Adenotomi



LA FORCE

Fig. 1		Fig. 2		Fig. 3	
250 mm – 7"		250 mm – 7"		250 mm – 7"	
436-767-010	45-741-001	436-767-020	45-741-002	436-767-030	45-741-003

436-777-010	45-744-001	436-777-020	45-744-002	436-777-030	45-744-003
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Ersatzklingen

Spare blades

Lames de rechange

Hojas de cambio

Lame di ricambio

1:2

Ringmesser

Adenoid curettes

Couteaux à végétations adénoïdes

Cuchillos para vegetaciones adenoides

Adenotomi



BALLENGER

	200 mm – 8 "	200 mm – 8 "
x = 3 mm	01-670-003	01-671-003
x = 4 mm	01-670-004	01-671-004
x = 5 mm	01-670-005	01-671-005

gerade
straight
droit
recto
rette

bajonett
bayonet
baionette
bayoneta
baionetta

Pulverbläser
Atomizers
Pulvérisateurs
Pulverizadores
Insoffiatori


1:2

KABIERSKE

343-086-000	435-776-010	435-776-500
Pulverbläser, komplett Atomizer, complete Pulvérisateur, complet Pulverizador, completo Insoffiatore, completo	Ersatzflasche, 30 ccm Spare bottle, 30 ccm Flacon de recharge, 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 "	435-776-080	
110 mm – 4 ¼ "	435-776-110	
130 mm – 5 "		435-776-130
Kanüle gerade Cannula, straight Canule droit Cánula recta Cannula retta	Kanüle gebogen Cannula curved Canule courbe Cánula curva Cannula curva	



1:2

UNIVERSAL

435-782-000
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

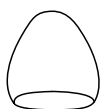
Pulverbläser
Atomizers
Pulvérisateurs
Pulverizadores
Insoffiatori



POLITZER 1:2

343-087-000

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

343-087-150

343-087-170

343-087-220

Nasenoliven
Nasal olives
Olives nasales
Olivas nasales
Olive nasali

4 mm Ø

343-087-040

Ohrolive
Ear olive
Olive auriculaire
Oliva auricular
Oliva auricolare

343-087-350

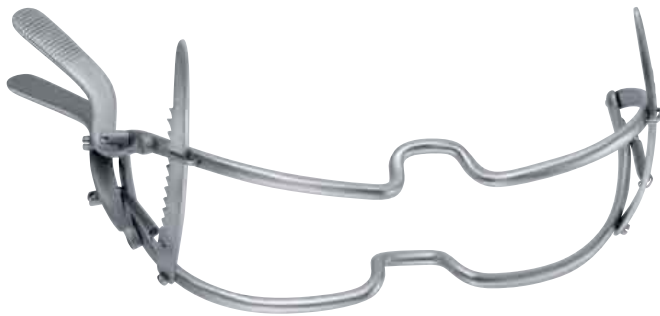
Gummibirne
Rubber bulb
Poire en caoutchouc
Pera de goma
Pera in gomma

343-087-030

Einsteckkonus
Connecting nozzle
Embout de raccordement
Cono de conexión
Cono di connessione

Mundsperrer
Mouth gags

Ouvre-bouches
Abrebocas
Apribocca



WHITEHEAD

110 mm – 4 ¼ "	347-276-110
130 mm – 5 "	347-276-130
150 mm – 6 "	347-276-150



JENNINGS

90 mm – 3 ½ "	47-181-090
110 mm – 4 ¼ "	47-181-110
130 mm – 5 "	47-181-130
150 mm – 6 "	47-181-150



MAUNDER

1:2

	4 mm Ø
100 mm – 4 "	347-356-100

Holz
Wood
Bois
Madera
Legno



HEISTER

1:2

130 mm – 5 "	47-120-130
--------------	------------

Mundsperrer
Mouth gags
Ouvre-bouches
Abrebocas
Apribocca



MOLT 1:2

110 mm – 4 ¼"	47-141-110
---------------	------------

Für Kinder
For children
Pour enfants
Para niños
Per bambini



MOLT 1:2

140 mm – 5 ½"	47-141-140
---------------	------------

Für Erwachsene
For adults
Pour adultes
Para adultos
Per adulti



DENHART 1:2

120 mm – 4 ¾"	347-263-120
---------------	-------------



FERGUSON-ACKLAND 1:2

145 mm – 5 ¾"	47-153-145
---------------	------------



ROSER-KÖNIG

160 mm – 6 ¼"	47-155-160
---------------	------------

190 mm – 7 ½"	47-155-190
---------------	------------

Mundsperrer
Mouth gags
Ouvre-bouches
Abrebocas
Apribocca

DINGMANN

1:3

145 mm – 5 3/4"	347-326-000	347-326-090
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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 mobili

Rahmen
 Frame
 Cadre
 Bastidor
 Telaio



55 x 25 mm	347-326-010
------------	-------------



60 x 27 mm	347-326-020
------------	-------------



70 x 30 mm	347-326-030
------------	-------------

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	
347-311-010	347-311-020	347-311-030	347-311-100

Griff
Handle
Manche
Mango
Manico

347-311-000	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	
437-198-010	437-198-020	437-198-030	437-198-100

Griff
Handle
Manche
Mango
Manico

437-198-000	x	x	x	x
-------------	---	---	---	---

komplett
complete
compl
completa
completa

Mundsperrer
Mouth gags
Ouvre-bouches
Abrebocas
Apribocca



DAVIS-BOYLE

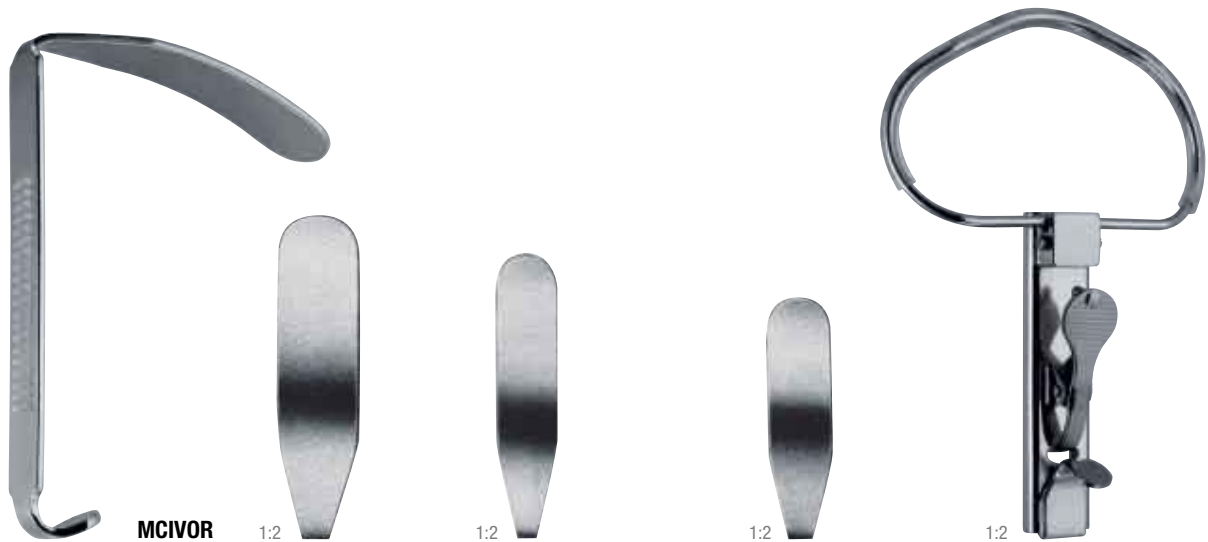
Fig. 1	Fig. 2	Fig. 3	Fig. 4	Fig. 5	
47-194-001	47-194-002	47-194-003	47-194-004	47-194-005	47-192-000
21 mm x 26 mm	23 mm x 65 mm	24 mm x 80 mm	25 mm x 93 mm	26 mm x 108 mm	

Griff
Handle
Manche
Mango
Manico

47-190-000	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	
347-316-010	347-316-030	347-316-020	347-316-100
27 mm x 95 mm	22 mm x 85 mm	22 mm x 70 mm	

Griff
Handle
Manche
Mango
Manico

347-316-000	x	x	x	x
-------------	---	---	---	---

komplett
complete
compl
completa
completa

Kehlkopfspiegel
Laryngeal mirrors
Miroirs laryngiens
Espejos laríngeos
Specchi laringei



Fig. 00	8 mm Ø	51-451-008
Fig. 0	10 mm Ø	51-451-010
Fig. 1	12 mm Ø	51-451-012
Fig. 2	14 mm Ø	51-451-014
Fig. 3	16 mm Ø	51-451-016
Fig. 4	18 mm Ø	51-451-018
Fig. 5	20 mm Ø	51-451-020
Fig. 6	22 mm Ø	51-451-022
Fig. 7	24 mm Ø	51-451-024
Fig. 8	26 mm Ø	51-451-026
Fig. 9	28 mm Ø	51-451-028
Fig. 10	30 mm Ø	51-451-030

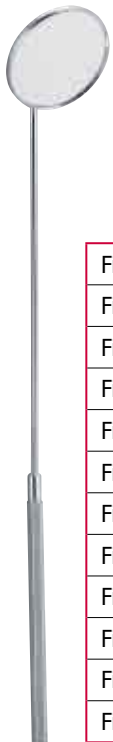


Fig. 00	8 mm Ø	51-441-008
Fig. 0	10 mm Ø	51-441-010
Fig. 1	12 mm Ø	51-441-012
Fig. 2	14 mm Ø	51-441-014
Fig. 3	16 mm Ø	51-441-016
Fig. 4	18 mm Ø	51-441-018
Fig. 5	20 mm Ø	51-441-020
Fig. 6	22 mm Ø	51-441-022
Fig. 7	24 mm Ø	51-441-024
Fig. 8	26 mm Ø	51-441-026
Fig. 9	28 mm Ø	51-441-028
Fig. 10	30 mm Ø	51-441-030



1:2

100 mm – 4"	51-470-000
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MICHEL

	250 mm – 9¾"	
10 mm Ø	345-135-100	345-135-010
12 mm Ø	345-135-120	345-135-012
14 mm Ø	345-135-140	345-135-014
16 mm Ø	345-135-160	345-135-016
18 mm Ø	345-135-180	345-135-018

Spiegel beweglich
moveable mirror
miroir mobile
espejo movable
specchio mobile

Spiegel alleine
mirror only
miroir seul
espejo sólo
specchio solo

Kehlkopfinstrumente
Laryngeal instruments
Instruments laryngiens
Instrumentos laríngeos
Strumenti laringei

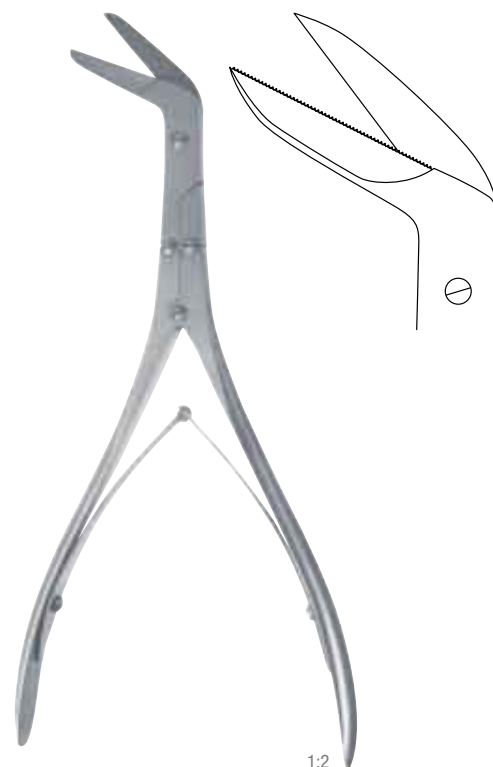


REICHERT

1:2

230 mm – 9"

351-117-240



KILLIAN

1:2

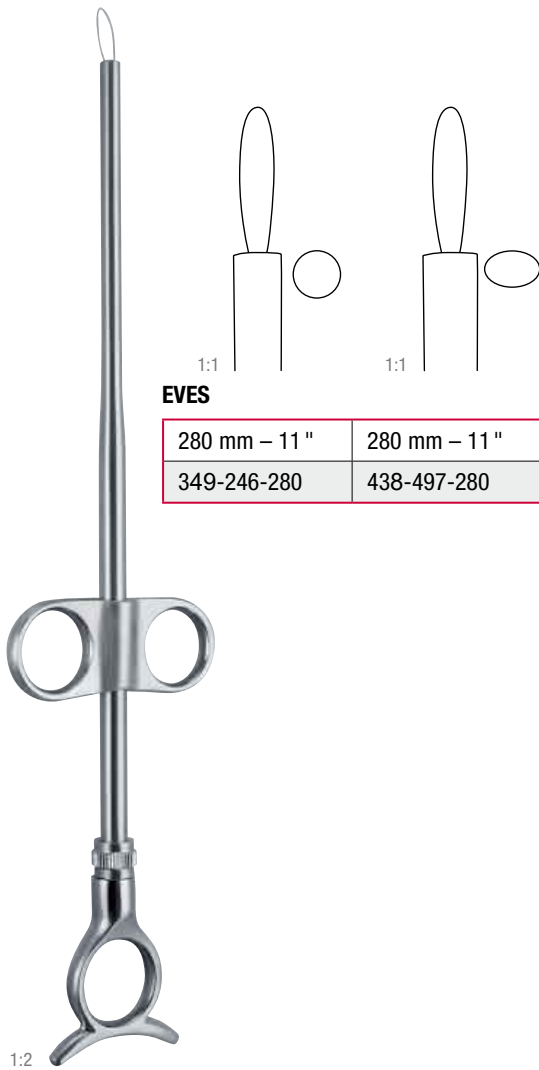
200 mm – 8"

436-329-210

Laryngofissurschere
Laryngotomy scissors
Ciseaux laryngiens
Tijera laríngea
Forbici laringee

Tonsillenschnürer
Tonsils snares

Serre noeuds pour amygdales
Cierra-nudos para amígdalas
Serranodi per tonsille



	10 m – 33 ft.
0.3 mm Ø	435-354-300
0.4 mm Ø	435-354-400



40 mm	349-253-400
50 mm	349-253-500

Packung mit 100 Stück
package of 100 pieces
paquet de 100 pièces
paquete de 100 piezas
pacchetto da 100 pezzi

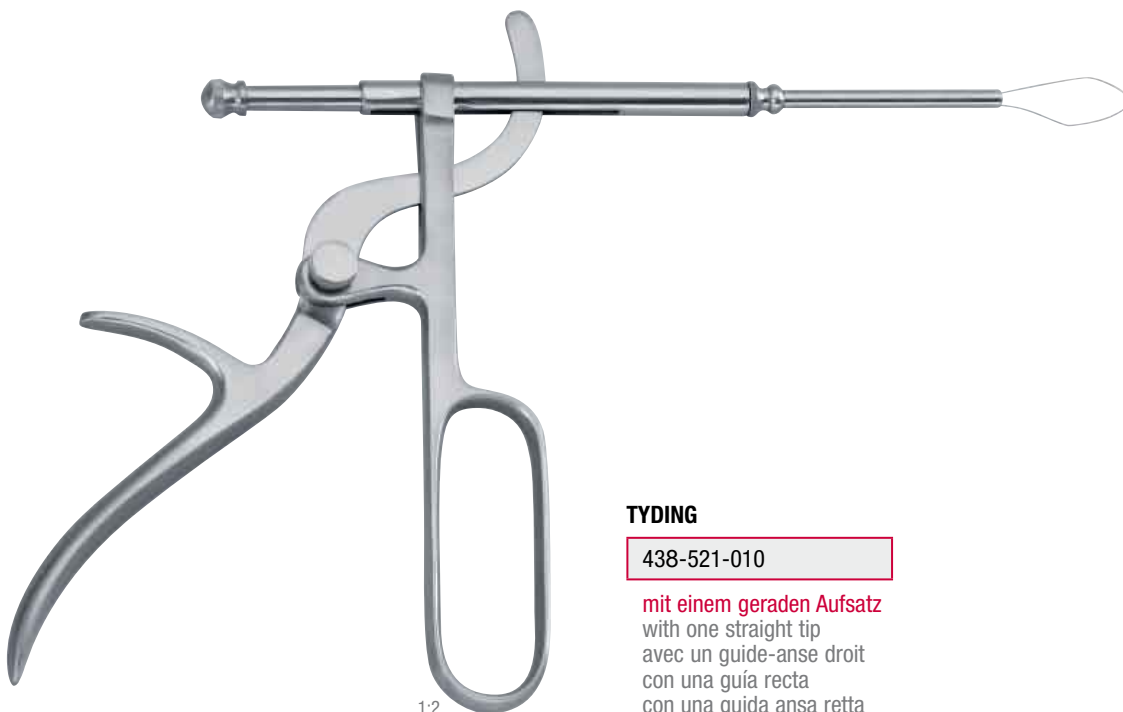
Tonsillenschnürer

Tonsils snares

Serre noeuds pour amygdales

Cierra-nudos para amígdalas

Serranodi per tonsille



TYDING

438-521-010

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

47-431-003

Packung mit 100 Stück

package of 100 pieces
paquet de 100 pièces
paquete de 100 piezas
pacchetto da 100 pezzi

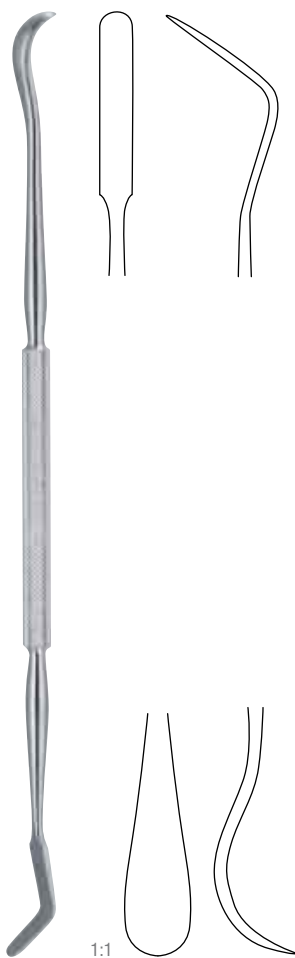
Tonsilleninstrumente

Tonsils instruments

Instruments pour amygdales

Instrumentos para amígdalas

Strumenti per tonsille



CARPENTER

1:2

1:1

250 mm – 9¾"

349-135-250

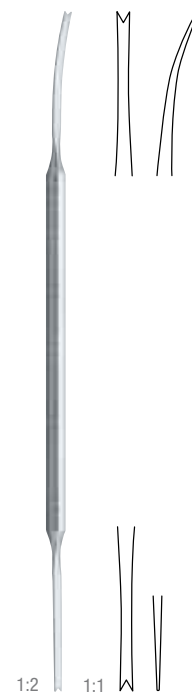
Enukleator

Enucleator

Enucléateur pour amygdales

Enucleador para amígdalas

Enucleatore



LUNIATSCHEK

1:2

1:1

180 mm – 7"

47-339-001

Tonsillen-Tamponstopfer

Tonsils tampon plugger

Porta coton

Porta algodones

Porta tamponi

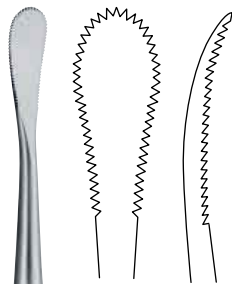
Tonsilleninstrumente

Tonsils instruments

Instruments pour amygdales

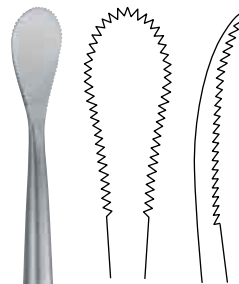
Instrumentos para amígdalas

Strumenti per tonsille



HENKE 1:2 1:1
230 mm – 9" 349-131-230

Tonsillendissektor
Tonsils dissector
Dissecteur à amygdales
Disector para amígdalas
Dissettore tonsillare



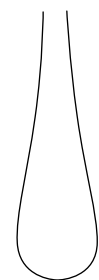
HENKE 1:2 1:1
230 mm – 9" 438-287-230

Tonsillendissektor
Tonsils dissector
Dissecteur à amygdales
Disector para amígdalas
Dissettore tonsillare



HURD 1:2
225 mm – 8 ¾" 349-129-220

Tonsillendissektor
Tonsils dissector
Dissecteur à amygdales
Disector para amígdalas
Dissettore tonsillare



Tonsilleninstrumente

Tonsils instruments

Instruments pour amygdales

Instrumentos para amígdalas

Strumenti per tonsille



1:2

LEWIS

195 mm – 7¾"

47-400-190

Tonsillenschraube
Tonsils screw
Tire amygdales
Tira amígdalas
Fissa tonsille



1:1

1:2

MARSHIK

220 mm – 8¾"

07-898-220

Tonsillen-Fasspinzette
Tonsils seizing forceps
Pince pour saisir les amygdales
Pinza prensora de amígdalas
Pinza da presa tonsille



1:1

1:2

BLOHMKE

200 mm – 8"

349-205-200

Tonsilleninstrumente
Tonsils instruments
Instruments pour amygdales
Instrumentos para amígdalas
Strumenti per tonsille

COLVER

190 mm – 7½"	349-198-190
190 mm – 7½"	349-199-190

gerade
 straight
 droit
 recto
 retta

gebogen
 curved
 courbe
 curva
 curva


WHITE

180 mm – 7"	16-361-180
230 mm – 9"	16-361-230

6 x 5


JACKSON

220 mm – 8¾"	07-891-220
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Kehlkopfpinzette
 Laryngeal forceps
 Pince laryngienne
 Pinza laringea
 Pinza laringea


MUSEUX

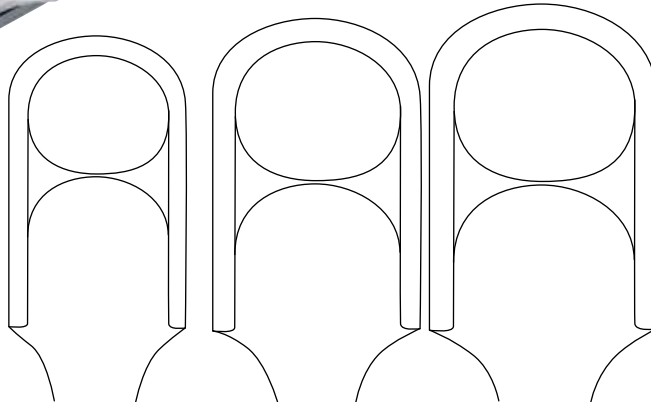
200 mm – 8"	369-522-200
-------------	-------------

Tonsillen-Fasszange
 Tonsils holding forceps
 Pince pour amygdales
 Pinza para amígdalas
 Pinza per tonsille

1:2

1:2

Tonsillotome
Tonsillectomes
Amygdalatomos
Amigdalótomos
Tonsillotomi



SLUDER-BALLENGER

Fig. 1	Fig. 2	Fig. 3	
47-470-001	47-470-002	47-470-003	47-464-000

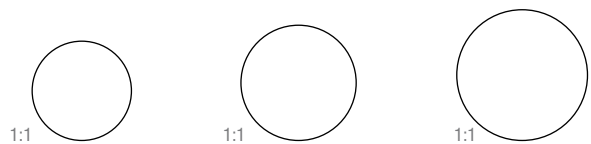
Griff
Handle
Manche
Mango
Manico

47-461-003	x	x	x	x
------------	---	---	---	---

komplett
complete
compl
completa
completa



HARTMANN



	13 mm Ø	15 mm Ø	17 mm Ø
x = 120 mm	47-521-013	47-521-015	47-521-017

Trachealdilatatoren

Trachea dilators

Dilatateurs pour la trachéotomie

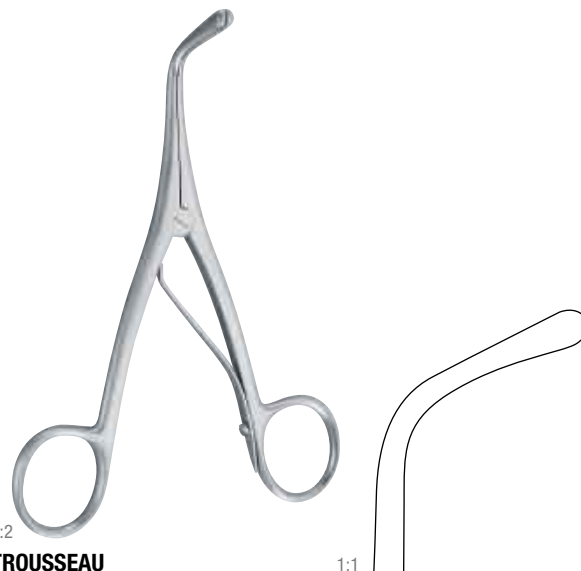
Dilatadores para la traqueotomía

Dilatatori tracheali



LABORDE 1:2

140 mm – 5½"	49-121-140
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1:2
TROUSSEAU

1:1

140 mm – 5½"	49-125-140
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Trachealkanülen
Trachea tubes

Canules pour la trachéotomie
Cánulas para la tráquea
Cannule tracheali



LUER STANDARD

Fig. 0	4 mm Ø	49-241-004
Fig. 1	5 mm Ø	49-241-005
Fig. 2	6 mm Ø	49-241-006
Fig. 3	7 mm Ø	49-241-007
Fig. 4	8 mm Ø	49-241-008
Fig. 5	9 mm Ø	49-241-009
Fig. 6	10 mm Ø	49-241-010
Fig. 7	11 mm Ø	49-241-011
Fig. 8	12 mm Ø	49-241-012
Fig. 9	13 mm Ø	49-241-013

Neusilber
German silver
Maillechort
Plata alemana
Argentone



CHEVALIER-JACKSON

Fig. 0	4 mm Ø	49-221-004
Fig. 1	5 mm Ø	49-221-005
Fig. 2	6 mm Ø	49-221-006
Fig. 3	7 mm Ø	49-221-007
Fig. 4	8 mm Ø	49-221-008
Fig. 5	9 mm Ø	49-221-009
Fig. 6	10 mm Ø	49-221-010
Fig. 7	11 mm Ø	49-221-011
Fig. 8	12 mm Ø	49-221-012
Fig. 9	13 mm Ø	49-221-013

Neusilber
German silver
Maillechort
Plata alemana
Argentone



1:2

UCKERMANN

	8 mm Ø	10 mm Ø
130 mm – 5"	37-380-008	37-380-010

Tracheotomiebesteck
Tracheotomy set
Trousse pour la trachéotomie
Estuche para la traqueotomía
Astuccio per tracheotomia

200 mm x 105 mm x 30 mm

49-920-080

Tracheotomiebesteck, in Metall-Etui, bestehend aus: 1

- Griff, Klinge, Fig. 20, 01-036-040 + 01-040-020
- 1 Griff, Klinge, Fig. 23, 01-036-040 + 01-040-023
- 1 anatomische Pinzette, 130 mm, 07-020-130
- 2 chirurgische Pinzetten, 1 x 2 Zähne, 130 mm, 07-221-130 2
- Rochester-Péan Klemmen, 130 mm, 12-200-130
- 1 Hohlsonde, 130 mm, 32-180-130
- 1 Bose Trachealdilatator, 353-111-070
- 2 Iterson Trachealhäkchen, stumpf, 353-115-160
- 1 Bose Trachealhäkchen, 160 mm, scharf, rechts, 23-621-160
- 1 Bose Trachealhäkchen, 160 mm, scharf, links, 23-623-160
- 1 Luer Trachealkanüle, Standard, 7 mm Ø, Neusilber, 49-241-007
- 1 Luer Trachealkanüle, Standard, 8 mm Ø, Neusilber, 49-241-008
- 1 Reinigungsbürste, 32-510-000

Tracheotomy set, in metal case, consisting of:

- 1 Handle, blade, Fig. 20, 01-036-040 + 01-040-020
- 1 Handle, blade, Fig. 23, 01-036-040 + 01-040-023
- 1 Dressing forceps, 130 mm, 07-020-130
- 2 Tissue forceps, 1 x 2 teeth, 130 mm, 07-221-130
- 2 Rochester-Péan hemostatic forceps, 130 mm, 12-200-130 1
- Grooved director, 130 mm, 32-180-130
- 1 Bose trachea dilator, 353-111-070
- 2 Iterson trachea retractors, blunt, 353-115-160
- 1 Bose trachea retractor, 160 mm, sharp, right, 23-621-160
- 1 Bose trachea retractor, 160 mm, sharp, left, 23-623-160
- 1 Luer trachea tube, standard, 7 mm Ø, german silver, 49-241-007 1
- Luer trachea tube, Standard, 8 mm Ø, german silver, 49-241-008 1
- Cleaning brush, 32-510-000

Trousse pour la trachéotomie, en étui de métal, se composant de:

- 1 Manche, lame, Fig. 20, 01-036-040 + 01-040-020
- 1 Manche, lame, Fig. 23, 01-036-040 + 01-040-023
- 1 Pince à disséquer, 130 mm, 07-020-130
- 2 Pinces à griffes, 1 x 2 griffes, 130 mm, 07-221-130
- 2 Pinces hémostatiques de Rochester-Péan, 130 mm, 12-200-130
- 1 Sonde cannelée, 130 mm, 32-180-130
- 1 Dilatateur trachéal de Bose, 353-111-070
- 2 Crochets trachéaux de Iterson, mousses, 353-115-160
- 1 Crochet trachéal de Bose, 160 mm, pointu, à droite, 23-621-160 1
- Crochet trachéal de Bose, 160 mm, pointu, à gauche, 23-623-160
- 1 Canule trachéale de Luer, modèle standard, 7 mm Ø, en maillechort, 49-241-007
- 1 Canule trachéale de Luer, modèle standard, 8 mm Ø, en maillechort, 49-241-008
- 1 Ecouvillon, 32-510-000

Estuche para la traqueotomía, en estuche de metal, compuesto de:

- 1 Mango, hoja, Fig. 20, 01-036-040 + 01-040-020
- 1 Mango, hoja, Fig. 23, 01-036-040 + 01-040-023
- 1 Pinza de disección, 130 mm, 07-020-130
- 2 Pinzas quirúrgicas, 1 x 2 dientes, 130 mm, 07-221-130
- 2 Pinzas hemostáticas de Rochester-Péan, 130 mm, 12-200-130
- 1 Sonda acanalada, 130 mm, 32-180-130
- 1 Dilatador traqueal de Bose, 353-111-070
- 2 Separadores traqueales de Iterson, romos, 353-115-160
- 1 Separador traqueal de Bose, 160 mm, agudo, a la derecha, 23-621-160
- 1 Separador traqueal de Bose, 160 mm, agudo, a la izquierda, 23-623-160
- 1 Cánula traqueal de Luer, modelo standard, 7 mm Ø, plata alemana, 49-241-007
- 1 Cánula traqueal de Luer, modelo standard, 8 mm Ø, plata alemana, 49-241-008
- 1 Cepillo de limpieza, 32-510-000

Astuccio per tracheotomia, contenente:

- 1 Manico, lama, Fig. 20, 01-036-040 + 01-040-020
- 1 Manico, lama, Fig. 23, 01-036-040 + 01-040-023
- 1 Pinza anatomica, 130 mm, 07-020-130
- 2 Pinze chirurgiche, 1 x 2 denti, 130 mm, 07-221-130
- 2 Pinze Rochester-Péan, 130 mm, 12-200-130
- 1 Sonda scanalata, 130 mm, 32-180-130
- 1 Uncino di Bose, 353-111-070
- 2 Uncini Iterson, smussa, 353-115-160
- 1 Uncino Bose, 160 mm, acuta, a destra, 23-621-160
- 1 Uncino Bose, 160 mm, acuta, a sinistra, 23-623-160
- 1 Canula tracheale Luer, modello standard, 7 mm Ø, argenteo, 49-241-007
- 1 Canula tracheale Luer, modello standard, 8 mm Ø, argenteo, 49-241-008
- 1 Spazzolina per pulire, 32-510-000



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"

353-519-170



LAHEY

150 mm – 6"

16-350-150

200 mm – 8"

16-350-200



1:1



1:1

KOCHER

150 mm – 6"

353-497-150

353-499-150

160 mm – 6 ¼"

353-497-160

353-499-160

mit Loch
with hole
avec trou
con orificio
con foro

Broncho-Oesophagoskopiezangen

Broncho-oesophagoscopy forceps

Pinces pour broncho-oesophagoscopie

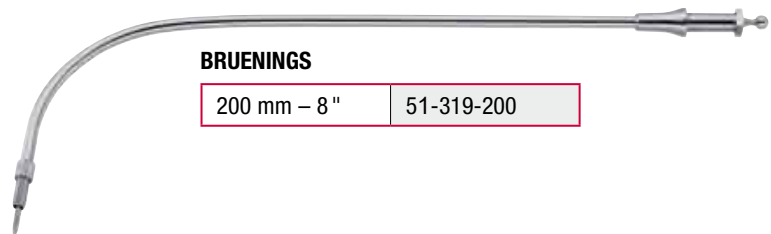
Pinzas para bronco-esofagoscopia

Pinze per bronco-oesophagoscopia



BRUENINGS

200 mm – 8 "	51-310-200
300 mm – 12 "	51-310-300
400 mm – 16 "	51-310-400
500 mm – 20 "	51-310-500
600 mm – 23½ "	51-310-600



BRUENINGS

200 mm – 8 "	51-319-200
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HUBER 1:2

51-300-000

Broncho-Oesophagoskopiezangen
Broncho-oesophagscopy forceps

Pinces pour broncho-oesophagoscopie
Pinzas para bronco-esofagoscopia
Pinze per bronco-oesophagoscopia

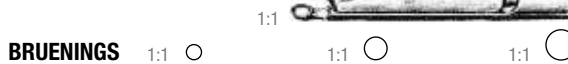


Auswechselbare Zangenaufsätze
Exchangeable tips
Embouts interchangeables
Bocas intercambiables
Punte intercambiabili



SEIFFERT

51-344-000



BRUENINGS

51-360-000

51-360-001

51-360-002



LANGE

351-158-000



SCHEINMANN

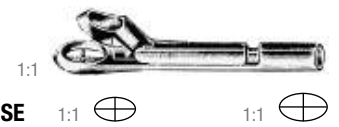
351-151-000



BRUENINGS

51-362-001

51-362-002



KRAUSE

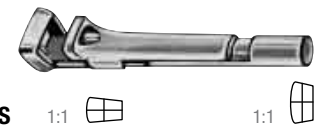
51-368-001

51-368-002



FRAENKEL

51-340-000



CORDES

51-390-001

51-390-002



KRAUSE

351-162-000



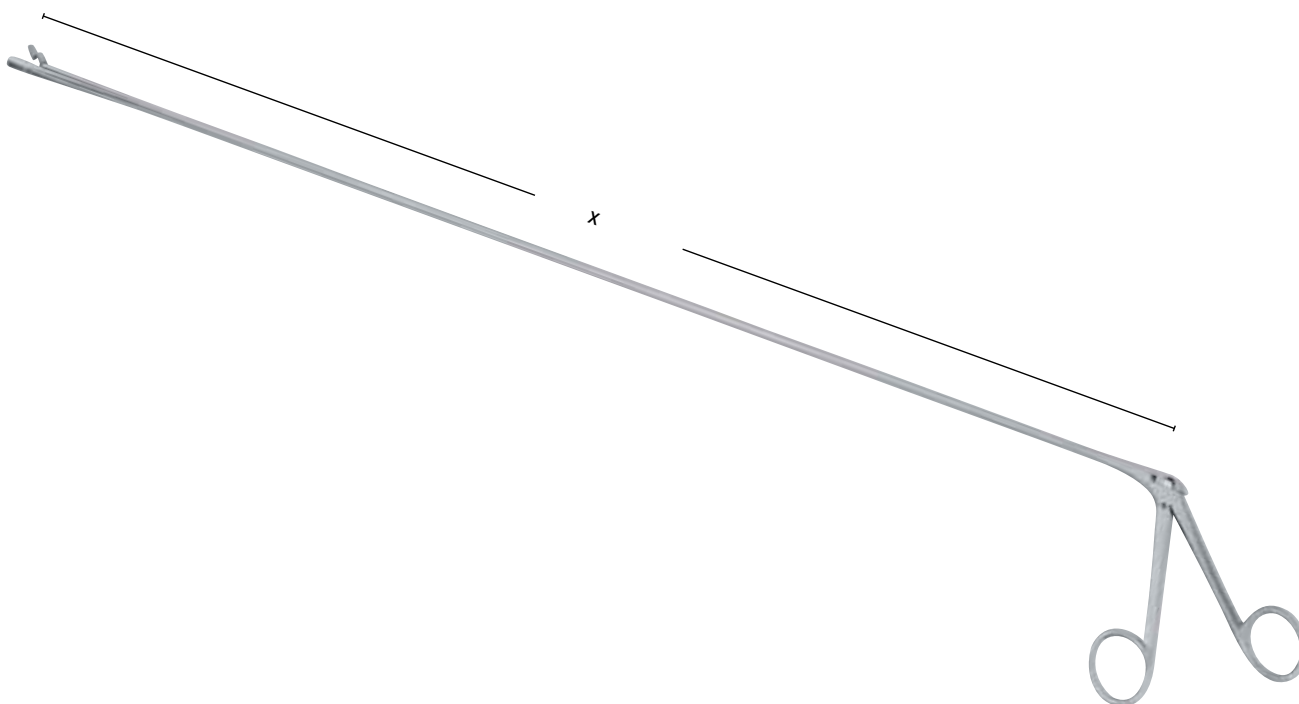
CORDES

51-380-001

51-380-002

51-380-003

51-380-004

Broncho-Oesophagoskopiezangen
Broncho-oesophagoscopy forceps
Pinces pour broncho-oesophagoscopie
Pinzas para bronco-esofagoscopia
Pinze per bronco-oesophagoscopia

CHEVALIER-JACKSON

1:1



1:1



1:1



1:1



x = 300 mm – 12"	51-820-300	51-822-300	51-824-300	51-826-300
x = 400 mm – 16"	51-820-400	51-822-400	51-824-400	51-826-400
x = 500 mm – 20"	51-820-500	51-822-500	51-824-500	51-826-500
x = 600 mm – 23½"	51-820-600	51-822-600	51-824-600	51-826-600

1:1



1:1

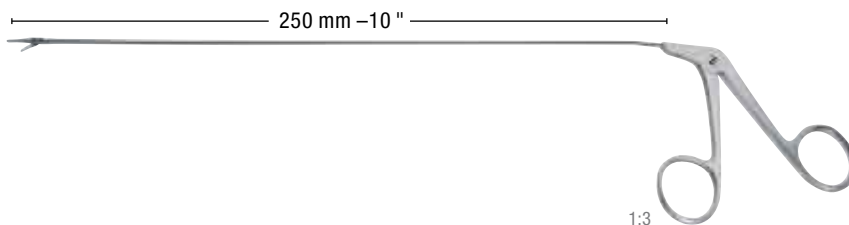


1:1



x = 300 mm – 12"	51-830-300	51-832-300	51-834-300
x = 400 mm – 16"	51-830-400	51-832-400	51-834-400
x = 500 mm – 20"	51-830-500	51-832-500	51-834-500
x = 600 mm – 23½"	51-830-600	51-832-600	51-834-600

Mikro-Instrumente für Laryngo-Broncho-Oesophagoskopie
Micro-instruments for laryngo-broncho-oesophagscopy
Micro-instruments pour laryngo-broncho-oesophagoscopie
Micro-instrumental para laringo-bronco-esofagoscopia
Micro-strumenti per laringo-bronco-esofagoscopia



	51-512-004	51-512-021	51-512-023	51-512-006	51-512-005
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

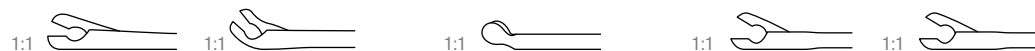


51-512-020

aufgebogen
angled up
coudé en haut
curvada arriba
curvata in alto



	51-512-001	51-512-018	51-512-019	51-512-003	51-512-002
Alligatorzangen Alligator forceps Pincés 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 ○	51-512-007	51-512-025	51-512-027	51-512-009	51-512-008
Löffelzangen Cup shaped forc. Pincés curettes Pinzas cureta Pinza 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

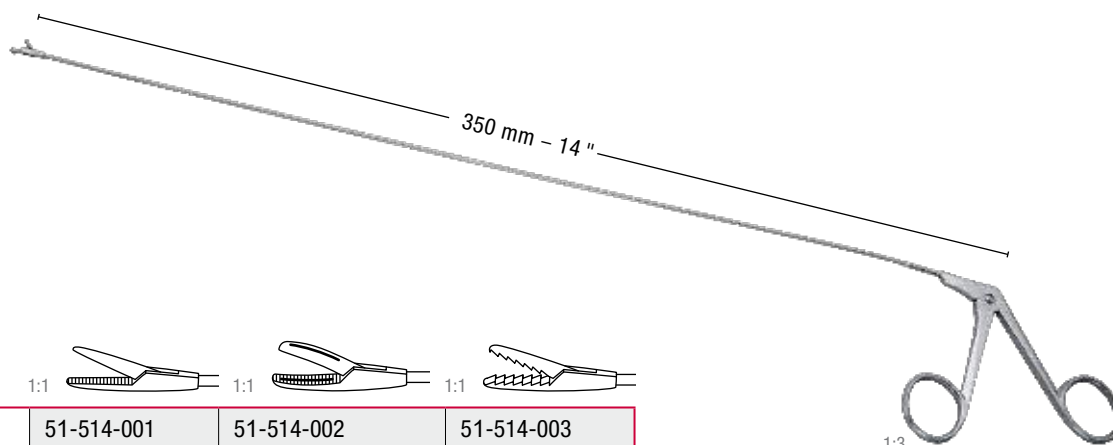


3 x 5 mm ○ **51-512-028**

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-oesophagocopy
Micro-instruments pour laryngo-broncho-oesophagocopy
Micro-instrumental para laringo-bronco-esofagoscopia
Micro-strumenti per laringo-bronco-esofagoscopia



	51-514-001	51-514-002	51-514-003
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Fasszange

 Grasping forceps
 Pince à saisir
 Pinza agarre
 Pinza da presa

gerade, gerieft
 straight, serrated
 droit, striée
 recta, estriada
 retta, zigrinata

gerade, gefenstert
 straight, fenestrated
 droit, fenêtrée
 recta, fenestrada
 retta, fenestrata

gerade
 gerade
 droit
 recta
 retta


3 mm ○	51-514-010	51-514-012	51-514-013	51-514-015	51-514-017
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Löffelzangen

 Cup shaped forc.
 Pincés 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


	2 mm x 5 mm	3 mm x 5 mm
	51-514-020	51-514-022

Löffelzangen

 Cup shaped forc.
 Pincés curettes
 Pinzas cureta
 Pinze a cucchaio

gerade
 gerade
 droit
 recta
 retta

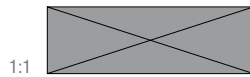
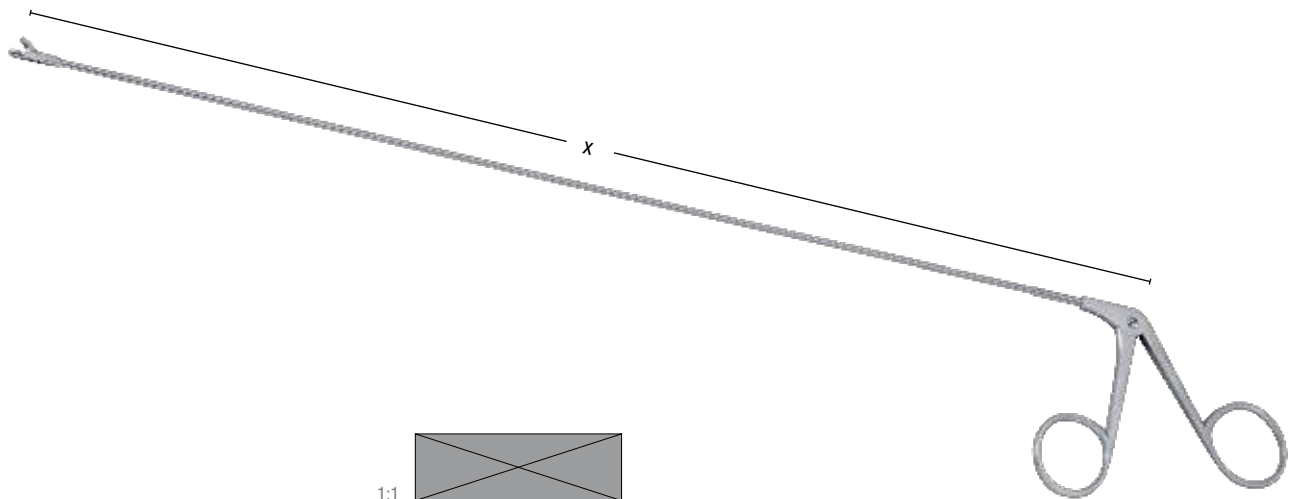
gerade
 gerade
 droit
 recta
 retta


	51-514-024
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Universalzange
 Universal forceps
 Pince universelle
 Pinza universal
 Pinza universale

gerade
 gerade
 droit
 recta
 retta

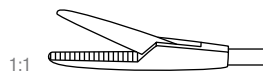

Mikro-Instrumente für Laryngo-Broncho-Oesophagoskopie
Micro-instruments for laryngo-broncho-oesophagoscopy
Micro-instruments pour laryngo-broncho-oesophagoscopie
Micro-instrumental para laringo-bronco-esofagoscopia
Micro-strumenti per laringo-bronco-esofagoscopia



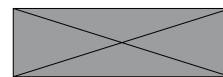
1:1

x = 400 mm – 16"	51-515-002
x = 500 mm – 20"	51-516-002
x = 600 mm – 23½"	51-518-002

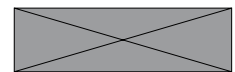
Tumorzange, gerade
 Punch forceps, straight
 Pince pour tumeurs, droit
 Pinza para tumores, recta
 Pinza per tumori, retta



1:1



1:1



1:1

x = 400 mm – 16"	51-515-004	51-515-006	51-515-008
x = 500 mm – 20"	51-516-004	51-516-006	51-516-008
x = 600 mm – 23½"	51-518-004	51-518-006	51-518-008

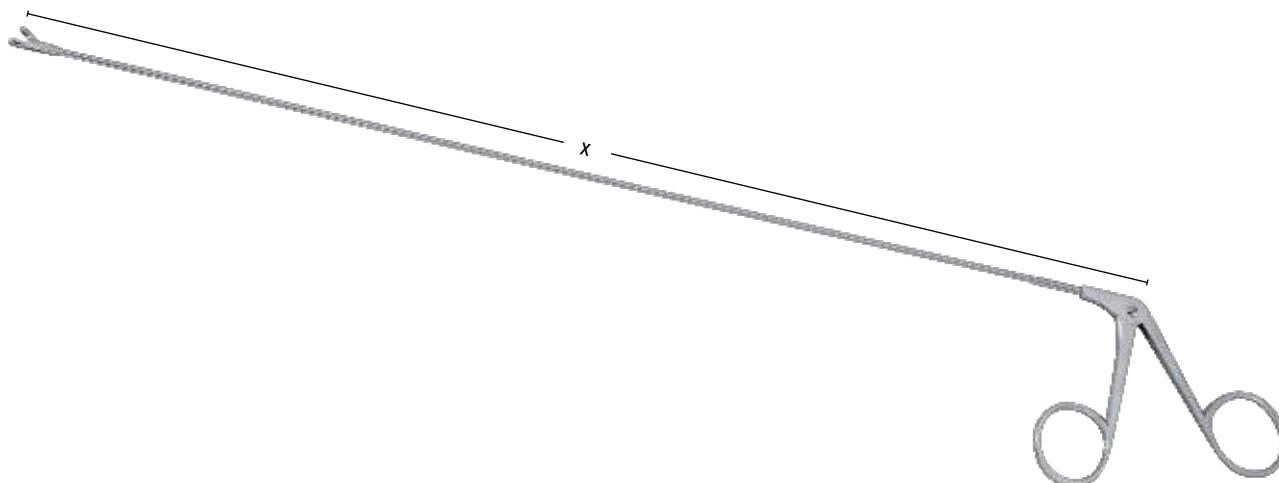
Fasszange
 Grasping forceps
 Pince à saisir
 Pinza agarre
 Pinza da presa

gerade, gerieft
 straight, serrated
 droit, striée
 recta, estriada
 retta, zigrinata

gerade, gefenstert
 straight, fenestrated
 droit, fenêtrée
 recta, fenestrada
 retta, fenestrata

gerade
 gerade
 droit
 recta
 retta

Mikro-Instrumente für Laryngo-Broncho-Oesophagoskopie
Micro-instruments for laryngo-broncho-oesophagoscopy
Micro-instruments pour laryngo-broncho-oesophagoscopie
Micro-instrumental para laringo-bronco-esofagoscopia
Micro-strumenti per laringo-bronco-esofagoscopia



	4 mm	4 mm	4 mm	4 mm
x = 400 mm – 16"	51-515-010	51-515-012	51-515-014	51-515-016
x = 500 mm – 20"	51-516-010	51-516-012	51-516-014	51-516-016
x = 600 mm – 23½"	51-518-010	51-518-012	51-518-014	51-518-016

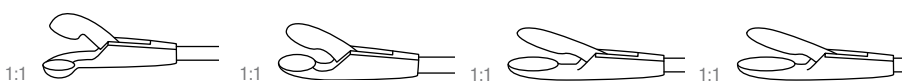
Löffelzangen
 Cup shaped forc.
 Pincas curettes
 Pinzas cureta
 Pinze a cucchaio

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"	51-515-018	51-515-020	51-515-022	51-515-024
x = 500 mm – 20"	51-516-018	51-516-020	51-516-022	51-516-024
x = 600 mm – 23½"	51-518-018	51-518-020	51-518-022	51-518-024

Löffelzangen
 Cup shaped forc.
 Pincas 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

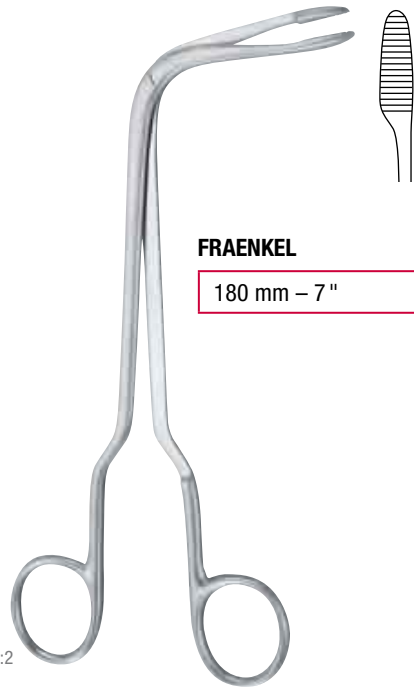


x = 400 mm – 16"	51-515-030
x = 500 mm – 20"	51-516-030
x = 600 mm – 23½"	51-518-030

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

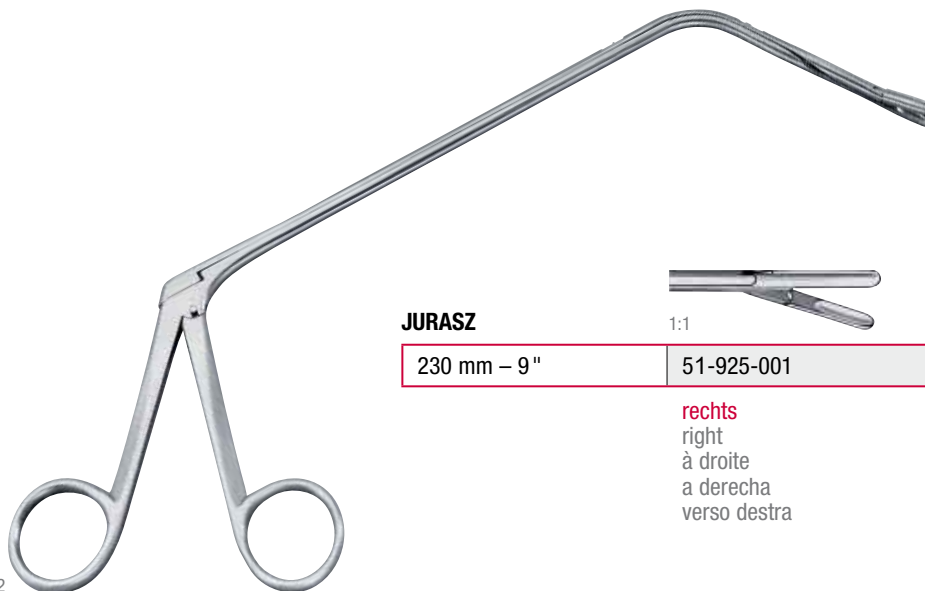


FRAENKEL

180 mm – 7"

51-921-180

1:2



JURASZ

230 mm – 9"

1:1



rechts
right
à droite
a derecha
verso destra

1:1



links
left
à gauche
a izquierda
verso sinistra

1:1



51-925-003

nach unten
downwards
vers le bas
hacia abajo
verso basso

1:1



51-925-004

nach oben
upwards
vers le haut
hacia arriba
verso alto

1:2

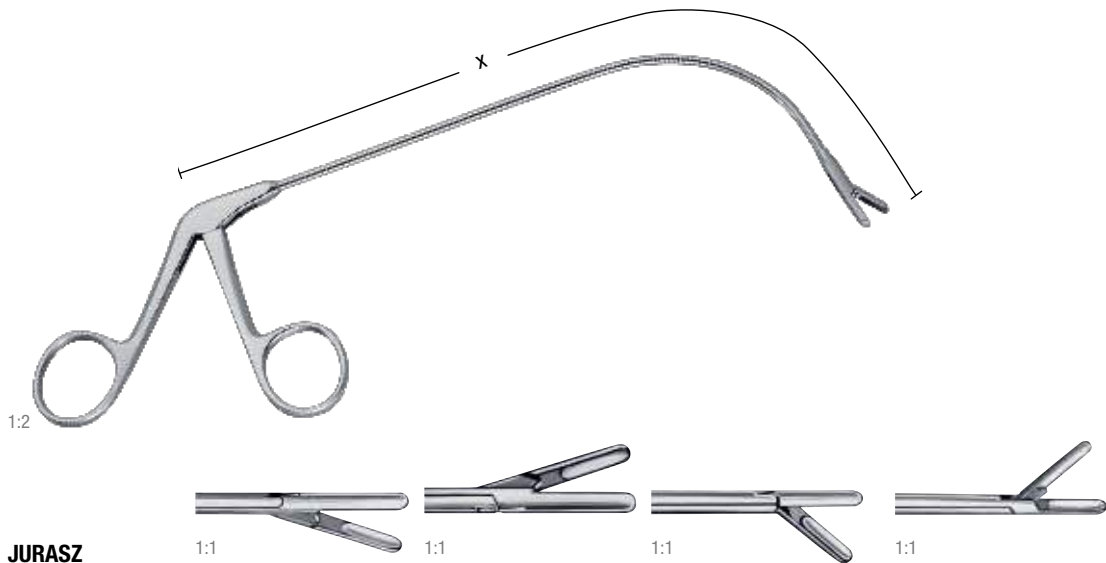
Kehlkopfpolypenzangen

Laryngeal polypus forceps

Pinces à polypes laryngiens

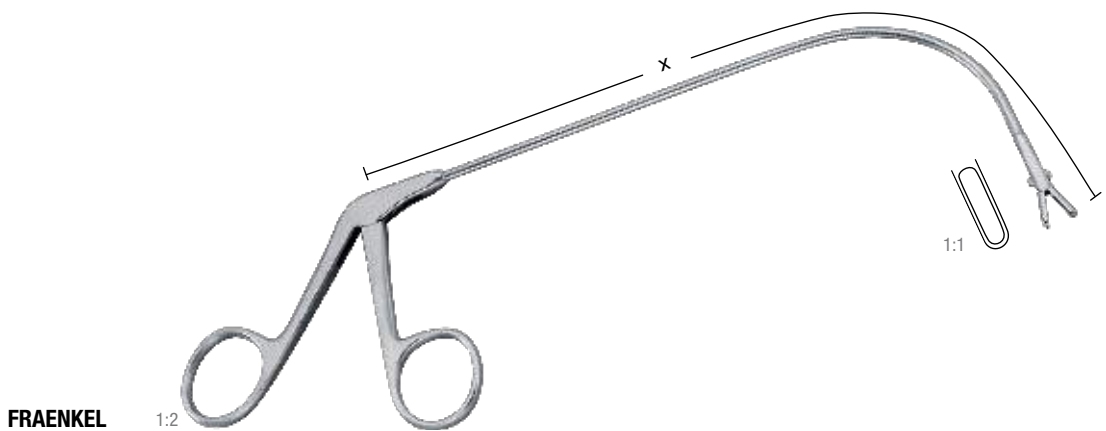
Pinzas para pólipos laríngeos

Pinze per polipi laringei



JURASZ

230 mm – 9"	51-927-001	51-927-002	51-927-003	51-927-004
	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"	51-919-170
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beide Maulteile beweglich
both jaws articulated
les deux mâchoires mobiles
las dos mandíbulas móviles
ambedue i morsi mobili