

ENT SURGICAL ESSENTIALS

Tools for Every ENT Challenge



Ohrspekula
Ear specula
Spéculums auriculaires
Espéculos auriculares
Specoli auricolari



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 – 1 ½"	14-101-450	14-101-550	14-101-650	14-101-750

14-101-000		x	x	x
14-101-002	x	x	x	x

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



RICHNAU

HOLMGREN: 1



Fig. 0	Fig. 1	Fig. 2	Fig. 3
3 mm Ø	4 mm Ø	5 mm Ø	6 mm Ø
14-102-000	14-102-001	14-102-002	14-102-003

Ohrspekula
Ear specula
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Espéculos auriculares
Specoli auricolari



GRUBER	1:1	1:1	1:1	1:1
	Fig. 1	Fig. 2	Fig. 3	Fig. 4
	a = 4.5 mm	a = 5.5 mm	a = 6.5 mm	a = 7.5 mm
	14-103-450	14-103-550	14-103-650	14-103-750

14-104-003		x	x	x
14-104-004	x	x	x	x

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



GRUBER	1:1	1:1	1:1	1:1
	Fig. 1	Fig. 2	Fig. 3	Fig. 4
	4.5 mm Ø	5.5 mm Ø	6.5 mm Ø	7.5 mm Ø
	14-105-450	14-105-550	14-105-650	14-105-750

14-105-000	x	x	x	x
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Satz für Erwachsene
Set for adults
Jeu pour adultes
Juego para adultos
Serie per adulti



ZÖLLNER	1:1	1:1	1:1	1:1	1:1	1:1
	Fig. 1	Fig. 2	Fig. 3	Fig. 4	Fig. 5	Fig. 6
	5.5 x 6.5 mm	6.5 x 7.5 mm	7.5 x 8.5 mm	8.5 x 9.5 mm	9.5 x 10.5 mm	10.5 x 11.5 mm
	14-106-010	14-106-020	14-106-030	14-106-040	14-106-050	14-106-060

14-106-000	x	x	x	x	x	x
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Satz für Erwachsene, schwarz
Set for adults, black
Jeu pour adultes, noir
Juego para adultos, negro
Serie per adulti, nero



POLITZER	1:1	1:1	1:1	1:1
	Fig. 1	Fig. 2	Fig. 3	Fig. 4
	2 mm Ø	3 mm Ø	4 mm Ø	5 mm Ø
	14-107-100	14-107-110	14-107-120	14-107-130

14-107-030	x	x	x	
14-108-040	x	x	x	x

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

Ohrspekula

Ear specula

Spéculums auriculaires

Espéculos auriculares

Specoli auricolari



BOUCHERON	1:1 	1:1 	1:1 	1:1 
	Fig. 1	Fig. 2	Fig. 3	Fig. 4
	4.5 mm Ø	5.5 mm Ø	6.5 mm Ø	7.5 mm Ø
	14-109-500	14-109-600	14-109-700	14-109-800
14-109-000	x	x	x	x

Satz für Erwachsene

Set for adults

Jeu pour adultes

Juego para adultos

Serie per adulti



HARTMANN	1:1 	1:1 	1:1 
	Fig. 0	Fig. 1	Fig. 2
	3.0 mm Ø	4.5 mm Ø	5.5 mm Ø
	14-110-300	14-110-450	14-110-550
14-111-030	x	x	x

Satz für Kinder

Set for children

Jeu pour enfants

Juego para niños

Serie per bambini



HARTMANN	1:1 	1:1 	1:1 	1:1 
	Fig. 1	Fig. 2	Fig. 3	Fig. 4
	4.5 mm Ø	5.5 mm Ø	6.5 mm Ø	7.5 mm Ø
	14-110-450	14-110-550	14-110-650	14-110-750
14-112-003		x	x	x
14-112-004	x	x	x	x

Satz für Erwachsene

Set for adults

Jeu pour adultes

Juego para adultos

Serie per adulti



HARTMANN	1:1 	1:1 	1:1 	1:1 	1:1 
	Fig. 1	Fig. 2	Fig. 3	Fig. 4	Fig. 5
	2.0 mm Ø	3.5 mm Ø	5.0 mm Ø	6.5 mm Ø	7.5 mm Ø
	14-110-180B	14-110-350B	14-110-500B	14-110-650B	14-110-750B
14-110-000B		x	x	x	x

Satz für Erwachsene, schwarz

Set for adults, black

Jeu pour adultes, noir

Juego para adultos, negro

Serie per adulti, nero

Ohrspekula
Ear specula
Spéculums auriculaires
Espéculos auriculares
Specoli auricolari

					
SIEGLE	1:1	1:1	1:1	1:2	1:3
	Fig. 1	Fig. 2	Fig. 3		
	6.5 mm Ø	7.0 mm Ø	8.0 mm Ø		
	14-114-110	14-114-120	14-114-130	14-114-100	14-116-010

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

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

14-115-003	x	x	x	x	x
Satz komplett Set complete Jeu complet Juego completo Serie completa					

Juego completo
Serie completa



BRUENINGS

	1:1	1:1	1:1	1:1	1:2	1:3
	Fig. 1	Fig. 2	Fig. 3	Fig. 4		
	6.5 mm Ø	7.5 mm Ø	8.5 mm Ø	9.5 mm Ø		
	14-116-110	14-116-120	14-116-130	14-116-140	14-116-050	14-116-010

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

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

14-116-040	x	x	x	x	x	x
Satz komplett Set complete Jeu complet Juego completo Serie completa						

Ohrspekula
Ear specula
Plastic
Spéculums auriculaires
Espéculos auriculares
Specoli auricolari



ROSEN	1:1 	1:1 	1:1 	1:1 	1:1 
	Fig. 1	Fig. 2	Fig. 3	Fig. 4	Fig. 5
	3 mm Ø	4 mm Ø	5 mm Ø	6 mm Ø	7 mm Ø
	14-117-001	14-117-002	14-117-003	14-117-004	14-117-005

Satz komplett
Set complete
Jeu complet
Juego completo
Serie completa

Plastic



OVAL	1:1 	1:1 	1:1 
	Fig. 1	Fig. 2	Fig. 3
	3.5 mm Ø	4 mm Ø	6 mm Ø
	14-118-001	14-118-002	14-118-003

Satz komplett
Set complete
Jeu complet
Juego completo
Serie completa

Plastic

Ohrspekula
Ear specula
Spéculums auriculaires
Espéculos auriculares
Specoli auricolari



SHEA	1:1 	1:1 	1:1 	1:1 	1:1 
	Fig. 1	Fig. 2	Fig. 3	Fig. 4	Fig. 5
	3.5x4.1 mm Ø	4.5x5.5 mm Ø	5.5x7.5 mm Ø	6.5x8.5 mm Ø	7.5x9.5 mm Ø
	14-119-001	14-119-002	14-119-003	14-119-004	14-119-005

Satz komplett
Set complete
Jeu complet
Juego completo
Serie completa

Plastic



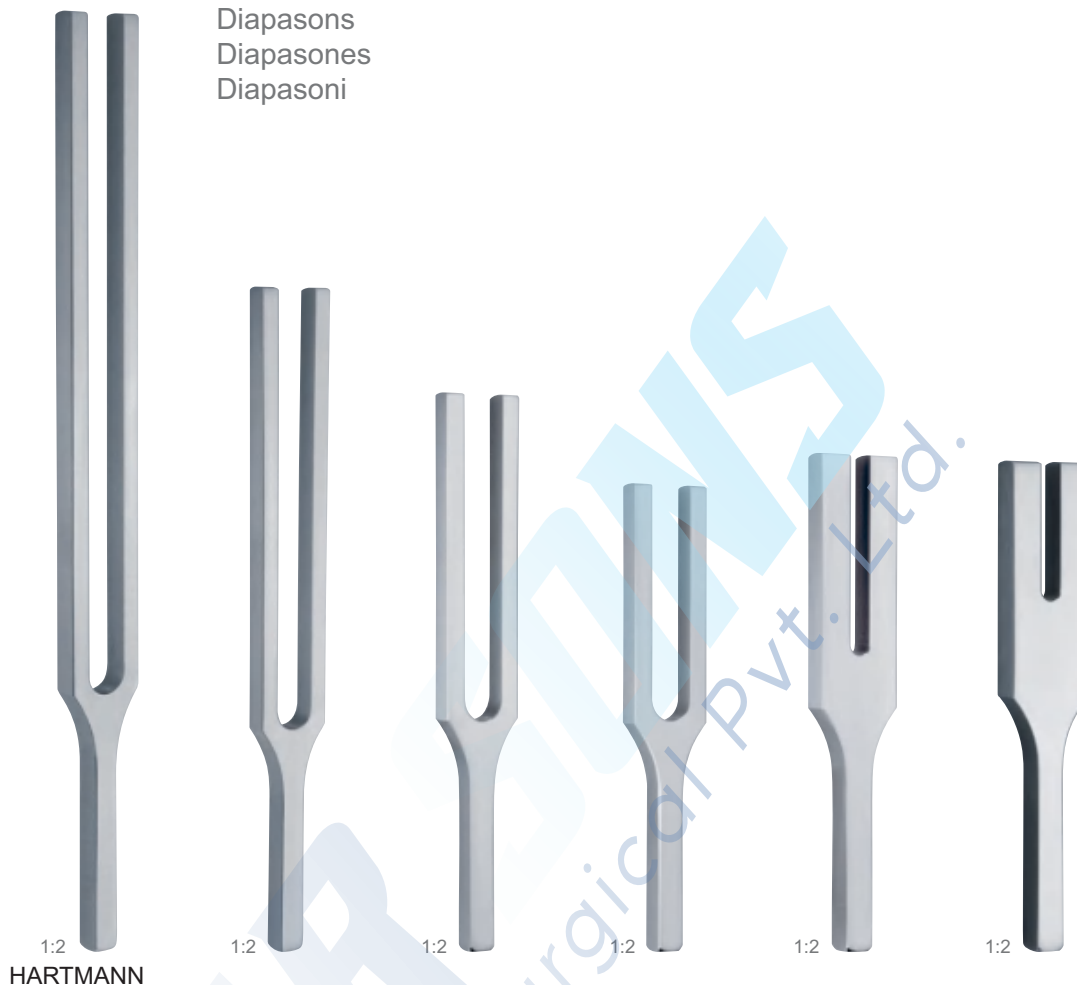
SHEA	1:1 	1:1 	1:1 	1:1 	1:1 	1:1 
	Fig. 1	Fig. 2	Fig. 3	Fig. 4	Fig. 5	Fig. 6
	3.5 mm Ø	4.5 mm Ø	5.5 mm Ø	6 mm Ø	6.5 mm Ø	7.0 mm Ø
	14-120-001	14-120-002	14-120-003	14-120-004	14-120-005	14-120-006

Satz komplett
Set complete
Jeu complet
Juego completo
Serie completa

Stainless Steel

Stimmungabeln
Tuning forks

Diapasons
Diapasones
Diapasoni



HARTMANN

c 128	c ¹ 256	c ² 512	c ³ 1024	c ⁴ 2048	C ⁵ 4096
14-122-001	14-122-002	14-122-003	14-122-004	14-122-005	14-122-006

Aluminium	Aluminium	Aluminium
c ² 512	c ³ 1024	c ⁴ 2048
14-122-013	14-122-014	14-122-015



HARTMANN



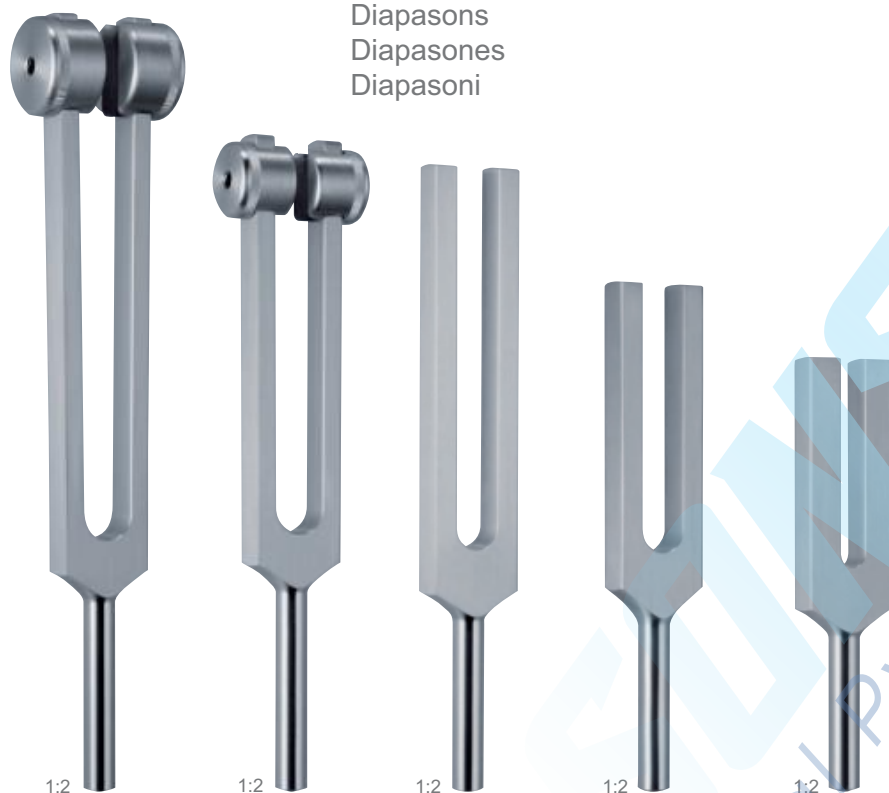
Satz im Etui (14-120-002, 14-120-003, 14-122-003, 14-122-004, 14-122-005)
Set in case (14-120-002, 14-120-003, 14-122-003, 14-122-004, 14-122-005)
Jeu en boîte (14-120-002, 14-120-003, 14-122-003, 14-122-004, 14-122-005)
Juego en estuche (14-120-002, 14-120-003, 14-122-003, 14-122-004, 14-122-005)
Serie in astuccio (14-120-002, 14-120-003, 14-122-003, 14-122-004, 14-122-005)

Aluminium

Satz im Etui (14-122-013, 14-122-014, 14-122-015)
Set in case (14-122-013, 14-122-014, 14-122-015)
Jeu en boîte (14-122-013, 14-122-014, 14-122-015)
Juego en estuche (14-122-013, 14-122-014, 14-122-015)
Serie in astuccio (14-122-013, 14-122-014, 14-122-015)

Stimmgabeln
Tuning forks

Diapasons
Diapasones
Diapasoni



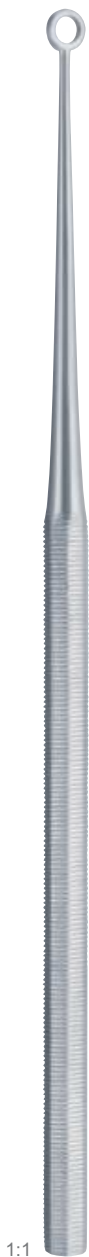
Aluminium	Aluminium	Aluminium	Aluminium	Aluminium
c 128	c 256	c ² 512	c ³ 1024	c ⁴ 2048
14-123-010	14-123-020	14-123-030	14-123-040	14-123-050



14-124-000

Satz im Etui (14-123-010 – 14-123-050)
Set in case (14-123-010 – 14-123-050)
Jeu en boîte (14-123-010 – 14-123-050)
Juego en estuche (14-123-010 – 14-123-050)
Serie in astuccio (14-123-010 – 14-123-050)

Ohrküretten
Ear cures
Curettes auriculaires
Curetas auriculares
Curette auricolari



BUCK



	Fig. 000	Fig. 00	Fig. 0	Fig. 1	Fig. 2	Fig. 3	Fig. 4	Fig. 5
165 mm – 6 ½"	14-126-001	14-126-002	14-126-003	14-126-010	14-126-020	14-126-030	14-126-040	14-126-050

stumpf
blunt
mousse
roma
smussa



	Fig. 000	Fig. 00	Fig. 0	Fig. 1	Fig. 2	Fig. 3	Fig. 4	Fig. 5
165 mm – 6 ½"	14-127-001	14-127-002	14-127-003	14-127-010	14-127-020	14-127-030	14-127-040	14-127-050

scharf
sharp
tranchante
cortante
tagliante

Ohrküretten
Ear cures
Curettes auriculaires
Curetas auriculares
Curette auricolari

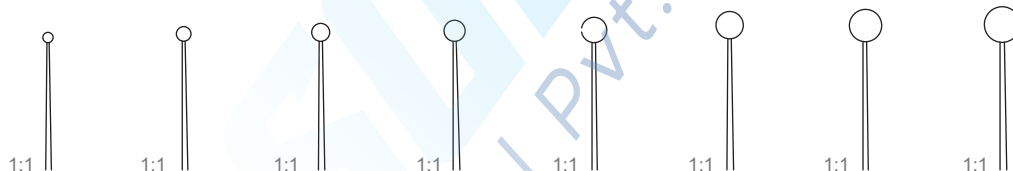
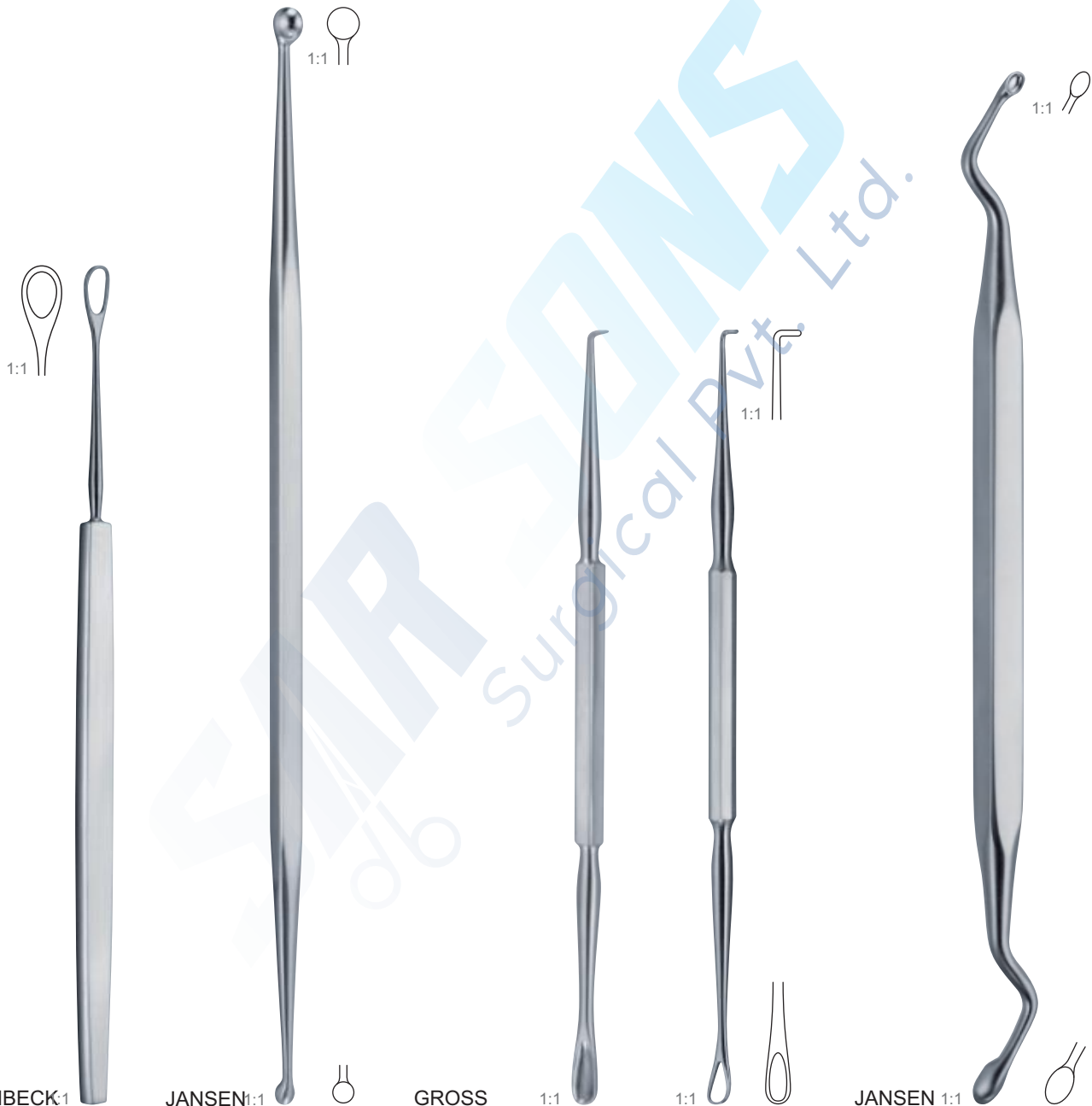


	Fig. 000	Fig. 00	Fig. 0	Fig. 1	Fig. 2	Fig. 3	Fig. 4	Fig. 5
165 mm – 6 ½"	14-128-001	14-128-002	14-128-003	14-128-010	14-128-020	14-128-030	14-128-040	14-128-050

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

Ohrküretten und scharfe Löffel
Ear curettes and sharp spoons

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



LANGENBECK 1:1

130 mm – 5 "

14-130-130

stumpf
blunt
mousse
roma
smussa

JANSEN 1:1

170 mm – 6 ¾ "

14-131-150

scharf
sharp
tranchante
cortante
acuta

GROSS 1:1

120 mm – 4 ¾ "

14-132-120

scharf, voll
sharp, not fenestrated
tranchante, pleine
cortante, lleno
acuta, pieno

1:1

120 mm – 4 ¾ "

14-133-120

stumpf, gefenstert
blunt, fenestrated
mousse, fenêtrée
romas, fenestrada
smussa, fenestrata

JANSEN 1:1

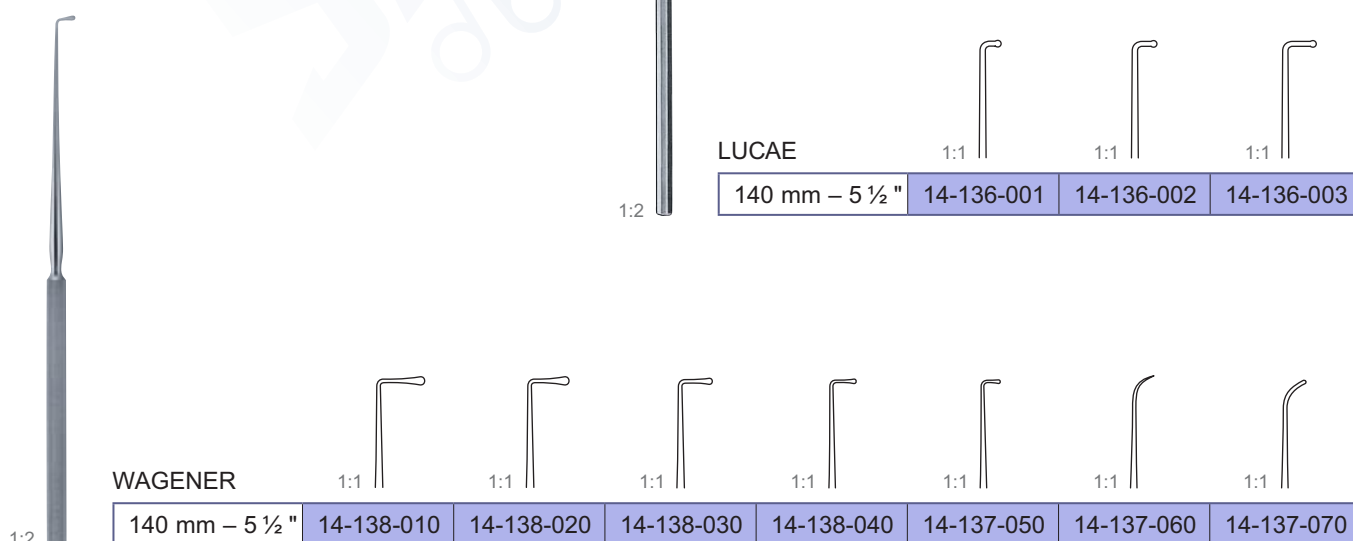
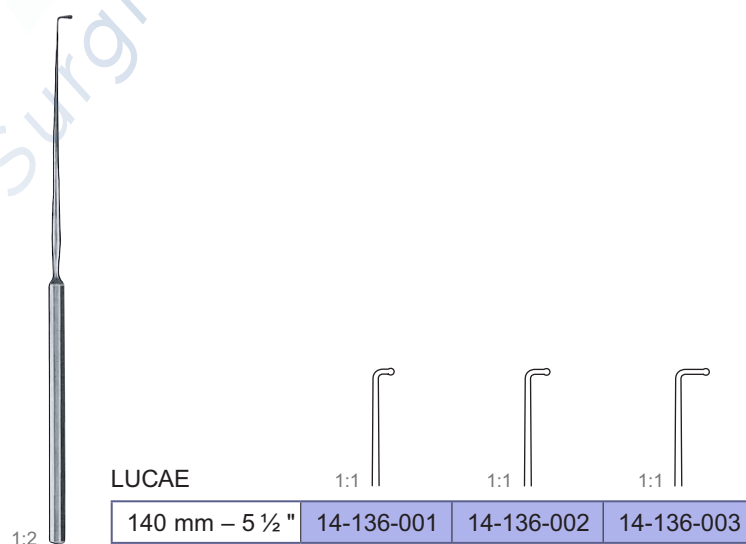
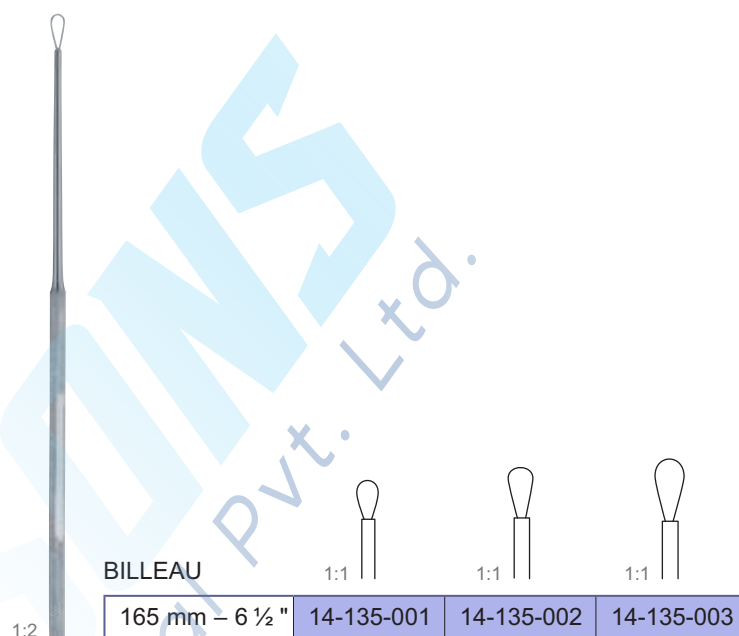
160 mm – 6 ¼ "

14-134-150

scharf
sharp
tranchante
cortante
acuta

Ohrschlingen – Håkchen
Ear loops – hooks

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



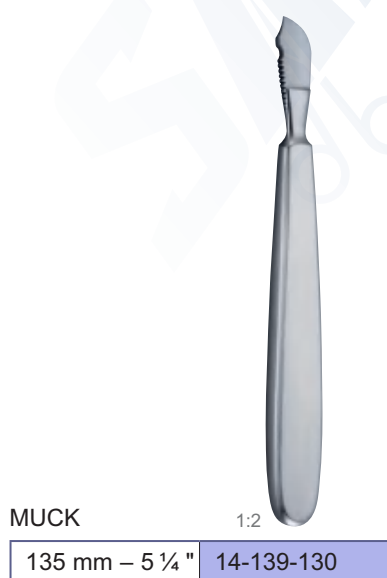
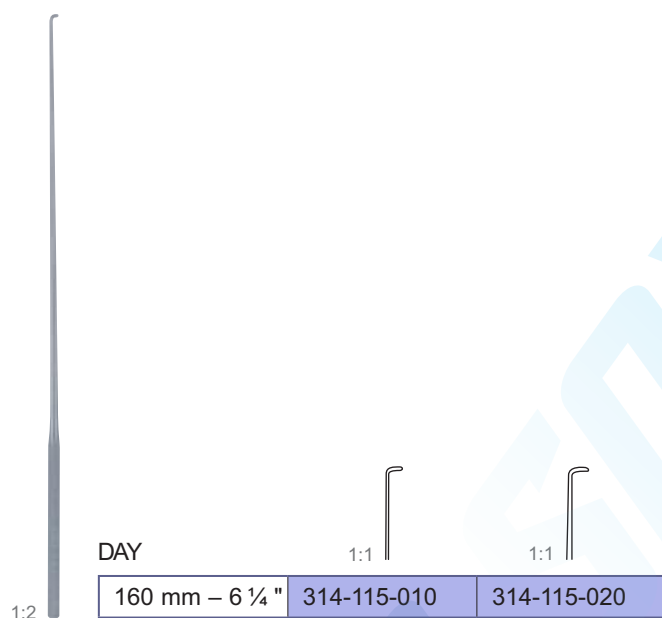
Ohrhäkchen – Messer

Ear hooks – knives

Crochets – couteaux auriculaires

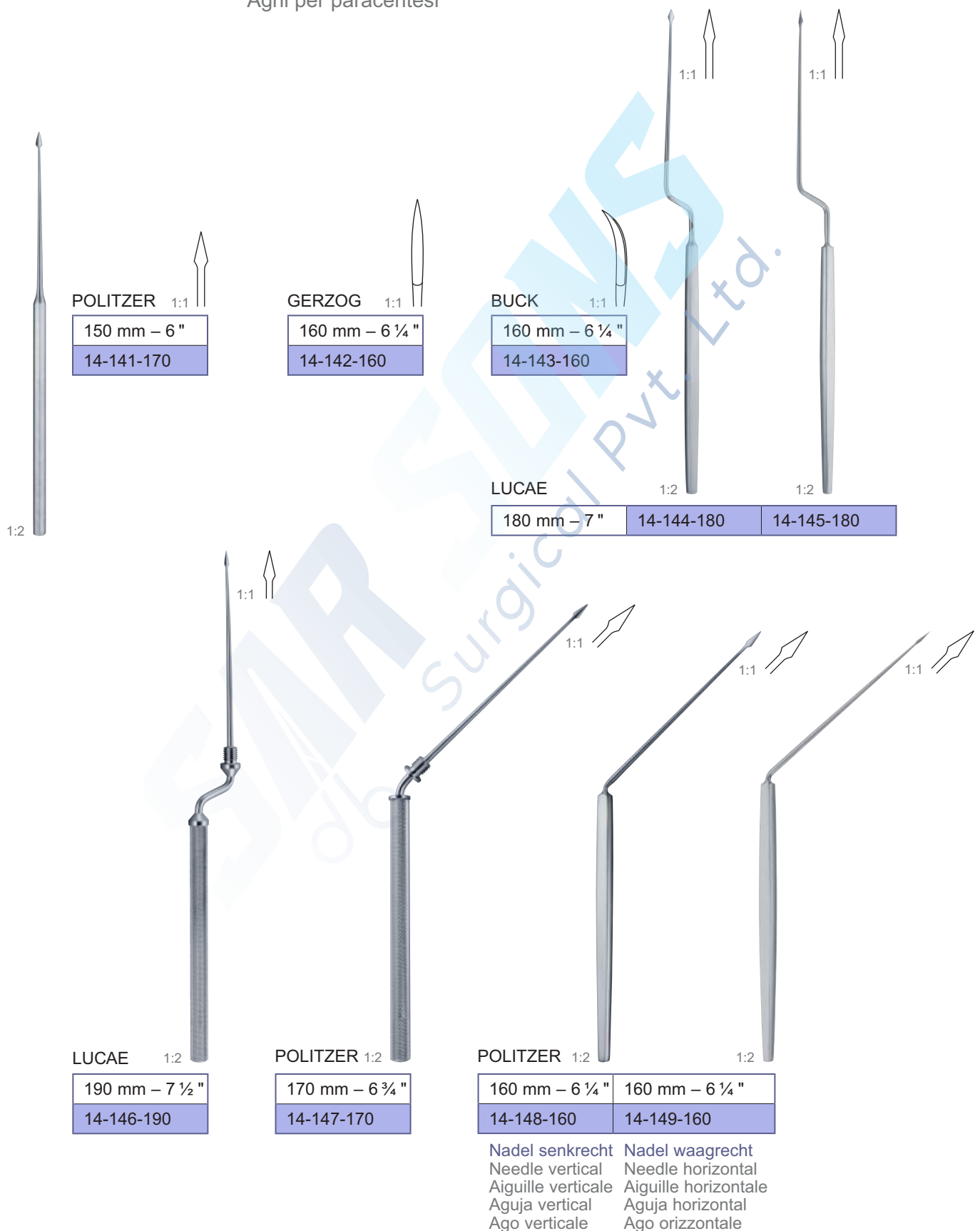
Ganchos – cuchillos auriculares

Uncini – coltelli auricolari



Parazentesenadeln
Paracentesis needles

Aiguilles de paracentèse
Agujas para paracentesis
Aghi per paracentesi



Ohrpolypenschnürer
Ear polypus snares
Serre noeuds auriculaires
Polipótomos auriculares
Serranodi auricolari



	10 m – 33 ft.
0.3 mm Ø	14-150-300
0.4 mm Ø	14-150-400



0.2 mm Ø x 75 mm	14-151-002
0.3 mm Ø x 100 mm	14-151-003

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



KRAUSE

1:2

160 mm – 6 ¼ "	14-152-160
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KRAUSE-VOSS

1:2

160 mm – 6 ¼ "	14-153-160
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LANGE-WILDE

1:2

170 mm – 6 ¾ "	14-154-160
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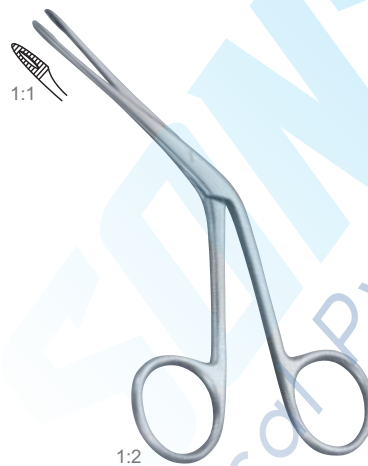
Ohrpolypenzangen
Ear polypus forceps

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



LITTAUER

120 mm – 4 ¾" 14-155-120



HARTMANN

120 mm – 4 ¾" 14-156-120

feines Modell
delicate jaw
modèle fin
modelo fino
modello fino



HARTMANN

140 mm – 5 ½" 14-156-140

normales Modell
normal jaw
modèle standard
modelo estandard
modello standard



QUIRE

105 mm – 4 ¼" 14-157-100

Fremdkörperhebel
Foreign body lever
Levier pour corps étrangers
Elevador para cuerpos extraños
Leva per corpi estranei

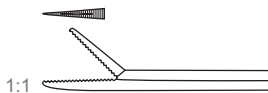
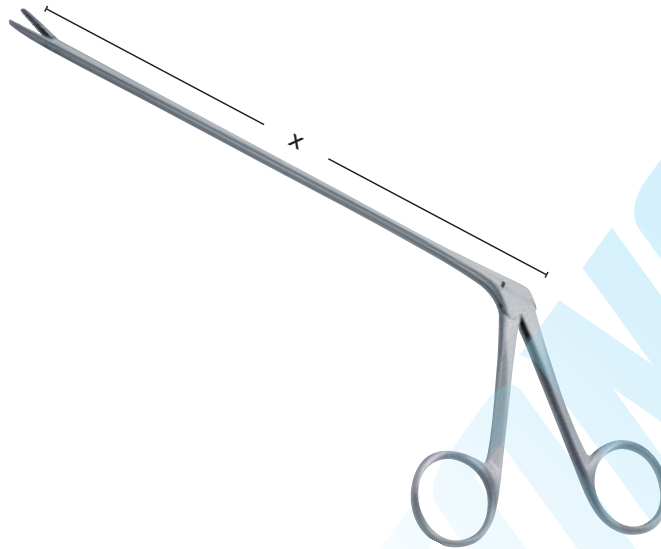


BUCK

115 mm – 4 ½" 14-158-110

Fremdkörperzängchen
Foreign body forceps
Pince pour corps étrangers
Pinza para cuerpos extraños
Pinza per corpi estranei

Ohrzängchen
Ear forceps
Pincès auriculaires
Pinzas auriculares
Pinze auricolari



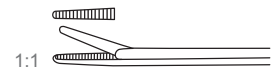
HARTMANN-WULLSTEIN

x = 85 mm – 3 ¼ "	14-159-085
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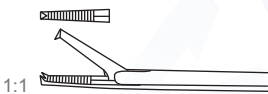
HARTMANN-WULLSTEIN

	1 mm Ø
x = 85 mm – 3 ¼ "	14-160-085



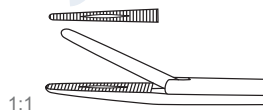
HARTMANN

x = 85 mm – 3 ¼ "	14-161-085
x = 140 mm – 5 ½ "	14-161-140
x = 160 mm – 6 ¼ "	14-162-160



HARTMANN

x = 85 mm – 3 ¼ "	14-163-085
x = 140 mm – 5 ½ "	14-163-140

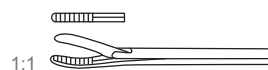


HARTMANN-NOYES

x = 90 mm – 3 ½ "	14-164-090
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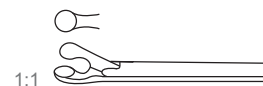
STRUEMPPEL

	x = 85 mm – 3 ¼ "
0°	14-165-085
45°	14-166-085
90°	14-167-085



HARTMANN-WEINGÄRTNER

x = 85 mm – 3 ¼ "	14-168-085
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HARTMANN

	x = 85 mm – 3 ¼ "
2.0 mm Ø	14-169-020
2.5 mm Ø	14-169-025
3.0 mm Ø	14-169-030

Mikro-Ohrzängchen
Micro ear forceps
Micro pinces auriculaires
Micro-pinzas auriculares
Micro-pinze auricolari



MC GEE

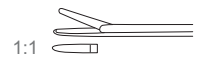


3.5 mm x 0.8 mm

14-170-500

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

FULLER

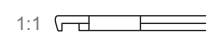
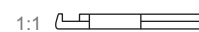
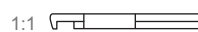
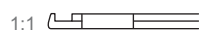


80 mm – 3 ¼ "

14-171-080

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 "

14-172-010

14-172-020

14-173-060

14-173-070

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
tagliante in alto

unten schneidend
down-cutting
coupe en bas
corte abajo
tagliante in basso

rechts schneidend
right-cutting
coupe à droite
corte derecha
tagliante a destra

links schneidend
left-cutting
coupe à gauche
corte izquierda
tagliante a sinistra

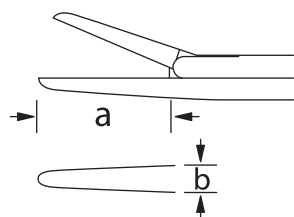
Mikro-Ohrzängchen

Micro ear forceps

Micro pinces auriculaires

Micro-pinzas auriculares

Micro-pinze auricolari



MINI MCGEE



a x b	x = 75 mm – 3"	x = 75 mm – 3"
3.5 mm x 0.6 mm	14-176-110	344-356-350

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

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



a x b	x = 75 mm – 3"	x = 75 mm – 3"	x = 75 mm – 3"
3.5 mm x 0.6 mm		14-175-350	14-176-270
4.0 mm x 0.8 mm	14-174-400	14-175-400	14-177-400

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

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

aufgebogen, gerieft
curved upwards, serrated
coudé en haut, strié
curvada arriba, estriada
curvata in alto, zigrinata



a x b	x = 75 mm – 3"	x = 75 mm – 3"	x = 75 mm – 3"
3.5 mm x 0.6 mm	14-176-280	14-176-290	14-178-400
4.0 mm x 0.8 mm	14-179-600	14-180-600	14-178-350

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

links gebogen, gerieft
curved to left, serrated
coudé à gauche, strié
curvada a la izquierda, estriada
curvata a sinistra, zigrinata

abwärts gebogen, gerieft
angled down, serrated
coudé en bas, strié
curvada a bajo, estriada
curvata in basso, zigrinata

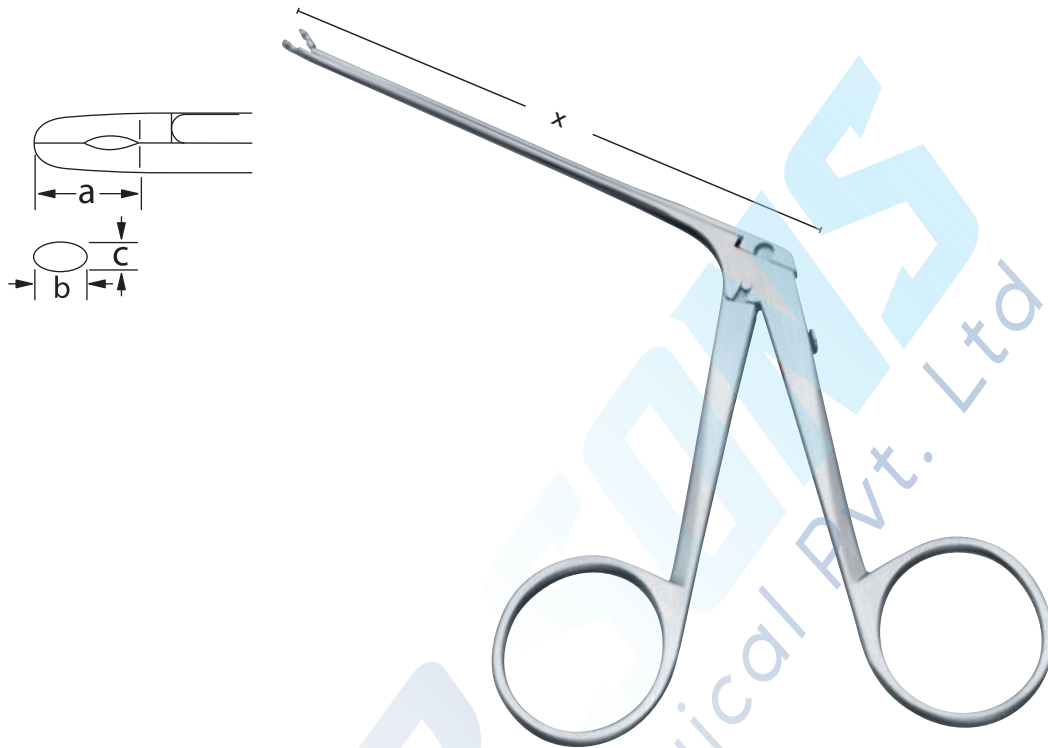
Mikro-Ohrzängchen

Micro ear forceps

Micro pinces auriculaires

Micro-pinzas auriculares

Micro-pinze auricolari



	x = 80 mm – 3 1/4 "	x = 80 mm – 3 1/4 "
a = 3.5 mm b = 0.6 mm x c = 0.5 mm	14-181-110	14-181-120
a = 4.0 mm b = 1.0 mm x c = 0.9 mm	14-182-450	14-183-000

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

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



	x = 80 mm – 3 1/4 "	x = 80 mm – 3 1/4 "
a = 3.5 mm b = 0.6 mm x c = 0.5 mm	14-181-130	14-181-140
a = 4.0 mm b = 1.0 mm x c = 0.9 mm	14-184-450	14-185-450

rechts gebogen, oval
curved to right, oval
coudé à droite, ovale
curvada a la derecha,
ovalada
curvata a destra, ovale

links gebogen, oval
curved to left, oval
coudé à gauche, ovale
curvada a la izquierda,
ovalada
curvata a sinistra

Mikro-Ohrscheren
Micro ear scissors

Micro ciseaux auriculaires
Micro-tijeras para oídos
Micro-forbici auricolari



BELUCCI

1:1

1:1

a x b	x = 75 mm – 3"	x = 75 mm – 3"
4.0 mm x 0.8 mm	14-186-001	14-186-003

sehr fein
very fine
très fine
muy fina
molto delicata

gerade, spitz/spitz
straight, sharp/sharp
droit, pointue/pointue
recta, aguda/aguda
retta, acuta/acuta

aufgebogen, stumpf/stumpf
curved upwards, blunt/blunt
courbéss en haut, mousse/mousse
curvada arriba, roma/roma
curvata in alto, smussa/smussa

1:1

1:1

a x b	x = 75 mm – 3"	x = 75 mm – 3"
4.0 mm x 0.8 mm	14-186-004	14-186-005

sehr fein
very fine
très fine
muy fina
molto delicata

rechts gebogen, spitz/spitz
curved to right, sharp/sharp
coudé à droite, pointue/pointue
curvada a la derecha, aguda/aguda
curvata a destra, acuta/acuta

links gebogen, spitz/spitz
curved to left, sharp/sharp
coudée à gauche, pointue/pointue
curvada a la izquierda, aguda/aguda
curvata a sinistra, acuta/acuta

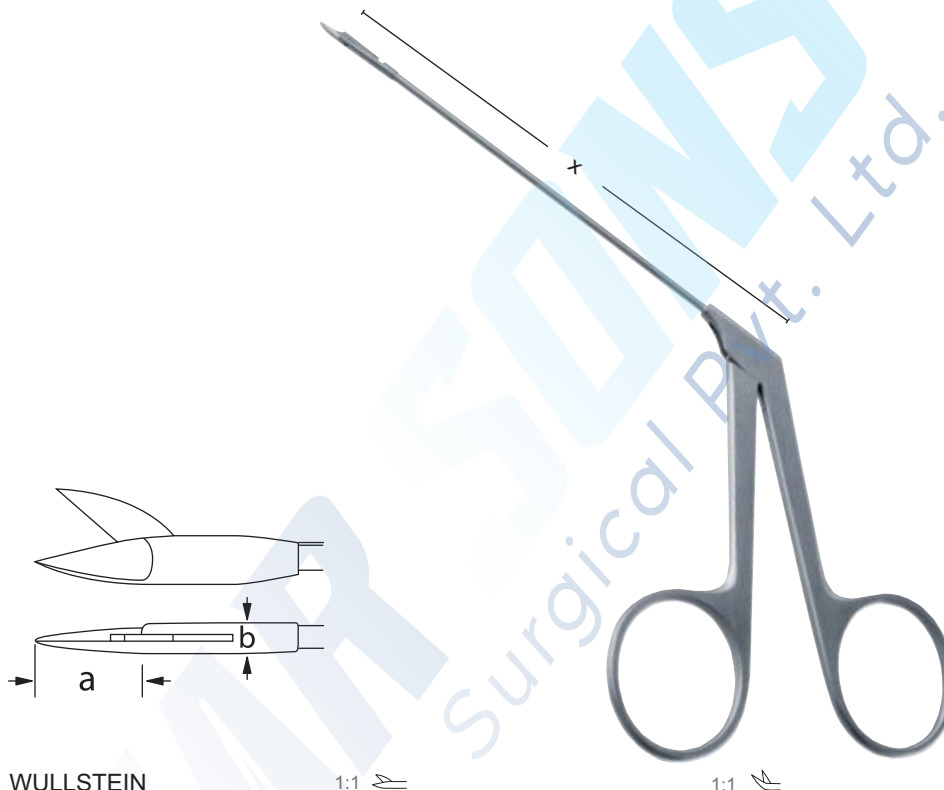
1:1

	x = 75 mm – 3"
4.0 mm x 0.8 mm	14-186-002

gerade, spitz/stumpf
straight, sharp/blunt
droit, pointue/mousse
recta, aguda/roma
retta, acuta/smussa

Mikro-Ohrscheren
Micro ear scissors

Micro ciseaux auriculaires
Micro-tijeras para oídos
Micro-forbici auricolari



WULLSTEIN

1:1

1:1

a x b	x = 80 mm – 3 ¼ "	x = 80 mm – 3 ¼ "
4.0 mm x 0.8 mm	14-187-000	14-188-000

gerade, spitz/spitz
straight, sharp/sharp
droit, pointue/pointue
recta, aguda/aguda
retta, acuta/acuta

aufgebogen, spitz/spitz
curved upwards, sharp/sharp
coudée en haut, pointue/pointue
curvada arriba, aguda/aguda
curvata in alto, acuta/acuta

WULLSTEIN

1:1

1:1

a x b	x = 80 mm – 3 ¼ "	x = 80 mm – 3 ¼ "
4.0 mm x 0.8 mm	14-189-000	14-190-000

rechts gebogen, spitz/spitz
curved to right, sharp/sharp
coudé à droite, pointue/pointue
curvada a la derecha, aguda/aguda
curvata a destra, acuta/acuta

links gebogen, spitz/spitz
curved to left, sharp/sharp
coudée à gauche, pointue/pointue
curvado a la izquierda, aguda/aguda
curvata a sinistra, acuta/acuta

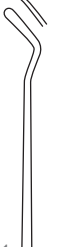
Ohr Mikro-Raspatorien und Sonden

Micro ear raspatories and probes

Micro rugines et sondes auriculaires

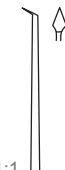
Micro-sondas y raspatorios auriculares

Micro-raspatori e sonde auricolari

	PLESTER		
			
	1:1	1:1	1:1
	160 mm – 6 ¼"	14-191-160	14-192-002
	Führungsgabel Wire guide Fourchette d'introduction Tenedor guía Forchetta guida	Raspatorium Raspatory Rugine Raspatorio Raspatorio	Elevatorium Elevator Élévateur Elevador Elevatorio
			
	1:1	1:1	1:1
	1.8 mm	1.0 mm	
	160 mm – 6 ¼"	14-192-003	14-193-220
	Raspatorium Raspatory Rugine Raspatorio Raspatorio	Raspatorium Raspatory Rugine Raspatorio Raspatorio	Dissektor, doppelt links gebogen Dissector, double curved left Dissecteur, double courbe à gauche Disector, doble curvado a la izquierda Dissettore doppio curvato a sinistra
			
	1:1	1:1	
	160 mm – 6 ¼"	14-192-007	14-194-160
	Dissektor, doppelt rechts gebogen Dissector, double curved right Dissecteur, double courbe à droite Disector, doble curvado a la derecha Dissettore, doppio curvato a destra	Handinstrument zum Andrücken von Drahtprothesen Instrument for placing wire prothesis Instrument pour mettre en place des protheses en fils métalliques Instrumento para posicionar prótesis de alambre Strumento per posizionare prothesi di fili metallici	
			HOUSE
			160 mm – 6 ¼"
			3.5 mm
			4.0 mm
			4.5 mm
			5.0 mm
			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

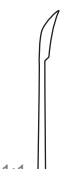
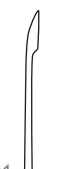
ROSEN				
	1:1	1:1	1:1	1:1
	1.5 mm Ø – 90°	45°	45°	
160 mm – 6 1/4"	14-196-160	14-197-160	14-198-020	14-198-030

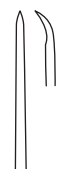
Rundschnittmesser
Circular cutting knife
Couteau rond
Cuchillo redondo
Coltello rotondo

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

Lanzenmesser
Lancet knife
Couteau lancéolaire
Cuchillo lancelado
Coltello lancelato

Lanzenmesser
Lancet knife
Couteau lancéolaire
Cuchillo lancelado
Coltello lancelato

SCHUHKNECHT				
	1:1	1:1	1:1	1:1
160 mm – 6 1/4"	14-199-010	14-199-020	14-200-160	14-201-150
	Rollermesser, parallel 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 1/4"	14-202-350	45°	1 mm	1 mm
	Lappenmesser Flap knife Couteau à lambeaux Cuchillo para lóbulos Coltello per stacci	3.0 mm Ø 2.6 mm Ø 2.0 mm Ø 1.6 mm Ø 1.0 mm Ø	14-197-300 14-197-260 14-197-200 14-197-160 14-197-100	160 mm – 6 1/4"
			14-203-160	14-204-160
			Raspatorium Raspatory Rugine Raspatorio Raspatorio	Raspatorium Raspatory Rugine Raspatorio Raspatorio

Rundschnittmesser
Circular cutting knife
Couteau rond
Cuchillo redondo
Coltello rotondo

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

90°	90°	
14-205-001	14-205-002	14-205-003

Rundschnittmesser, nach oben gebogen

Round knife, angled up

Couteau rond, coudé en haut

Cuchillo redondo, angulado arriba

Coltello rotondo, angolato in alto

Rundschnittmesser, nach unten gebogen

Round knife, angled down

Couteau rond, coudé en bas

Cuchillo redondo, angulado a bajo

Coltello rotondo, angolato in basso

Sichelmesser, nach oben gebogen

Sickle knife, angled up

Couteau faucille, courbe vers le haut

Cuchillo de hoz, angulado arriba

Coltello a forma di falce, angolato in alto

1:1

1:1

1:1

14-205-004	14-205-005	14-205-006
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Sichelmesser, nach unten gebogen

Sickle knife, angled down

Couteau faucille, courbe vers le bas

Cuchillo de hoz, angulado a bajo

Coltello a forma di falce, curvato in basso

Lanzenmesser, links gebogen

Lancet knife, curved to left

Couteau lancéolaire, courbe à gauche

Cuchilloancelado, angulado a la izquierda

Coltelloancelato, curvato a sinistra

Lanzenmesser, rechts gebogen

Lancet knife, curved to right

Couteau lancéolaire, courbe à droite

Cuchilloancelado, angulado a la derecha

Coltelloancelato, curvato a destra

1:1

1:1

1:1

14-205-007	14-205-008	14-205-009
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Raspatorium, links gebogen

Raspatory, curved to left

Décolleur, courbe à gauche

Raspatorio, angulado a la izquierda

Raspatorio, curvato a sinistra

Raspatorium, rechts gebogen

Raspatory, curved to right

Décolleur, courbe à droite

Raspatorio, angulado a la derecha

Raspatorio, curvato a destra

Führungsgabel

Wire guide

Fourchette d'introduction

Tenedor guía

Forchetta 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°
14-206-001	14-206-002	14-206-003

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

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

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

1:1

1:1

1:1

0.5 mm – 90°	0.5 mm – 90°	1.0 mm – 45°
14-206-004	14-206-005	14-206-006

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

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
14-206-007	14-206-008	14-206-009

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

Häkchen, rund nach oben gebogen
Hook, curved up
Crochet, courbure rond vers le haut
Gancho, redondo, curvado arriba
Uncino, rotondo, curvato in alto

Häkchen, rund nach unten gebogen
Hook, curved down
Crochet, courbure rond ver le bas
Gancho, redondo, curvado a bajo
Uncino, rotondo, curvato in basso

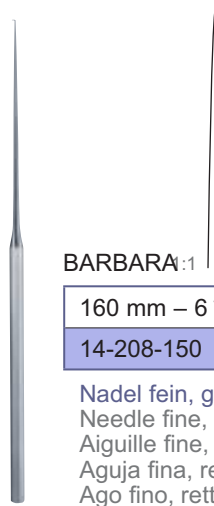
Mikro-Ohrnadeln und Häkchen

Micro ear needles and hooks

Micro-aiguilles et crochets auriculaires

Micro-agujas y ganchos auriculares

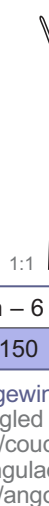
Micro-uncini ed aghi auricolari



BARBARA 1:1

160 mm – 6 ¼ "
14-208-150

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



1:1

160 mm – 6 ¼ "
14-207-150

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



1:1

160 mm – 6 ¼ "
14-209-150

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



ROSEN 1:1

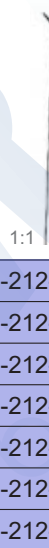
160 mm – 6 ¼ "
14-210-150

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



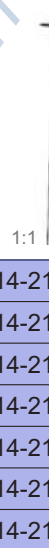
1:2

0.3 mm	14-211-030
0.6 mm	14-211-060
1.0 mm	14-211-100



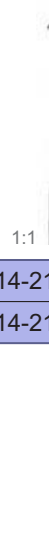
1:1

0.3 mm	14-212-030
0.6 mm	14-212-060
1.0 mm	14-212-100
1.2 mm	14-212-120
1.5 mm	14-212-150
2.0 mm	14-212-200
2.5 mm	14-212-250



1:1

0.3 mm	14-213-030
0.6 mm	14-213-060
1.0 mm	14-213-100
1.2 mm	14-213-120
1.5 mm	14-213-150
2.0 mm	14-213-200
2.5 mm	14-213-250



1:1

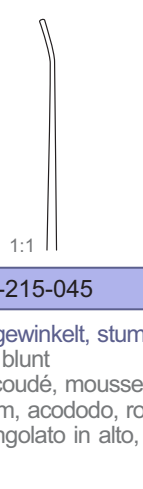
0.5 mm	14-214-050
1.0 mm	14-214-100



PLESTER 1:1

0.4 mm – 90°	14-215-090
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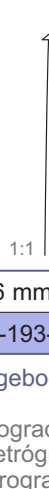
Fussplattenhäkchen, abgewinkelt, stumpf
Foot plate hook, angled, blunt
Crochet pour la platine de l'étrier, mousse
Gancho, para placa de oído, romo
Uncino per placca di piede, smusso



PLESTER 1:1

0.4 mm – 45°	14-215-045
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Antrum Häkchen, aufgewinkelt, stumpf
Antrum hook, angled, blunt
Crochet pour l'antré, coudé, mousse
Gancho para el antrum, acodado, romo
Uncino per antrum, angolato in alto, smusso



1:1

	0.6 mm
160 mm – 6 ¼ "	14-193-410

Häkchen, retrograd gebogen
Hook, retrograd
Crochet, courbe retrograde
Gancho, acodado, retrógrado
Uncino, curvato reterogrado

Mikro-Ohrnadeln und Häkchen
Micro ear needles and hooks

Micro-aiguilles et crochets auriculaires
Micro-agujas y ganchos auriculares
Micro-uncini ed aghi auricolari



SHAMBAUGH 1:1

	160 mm – 6 ¼ "	160 mm – 6 ¼ "
	90°	90°
0.3 mm	14-216-030	14-217-030
0.6 mm	14-216-060	14-217-060
1.0 mm	14-216-100	14-217-100

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

Häkchen, nach unten gebogen
Hook, curved down
Crochet, coudé en bas
Gancho, curvado abajo
Uncino, curvato in basso

BARBARA 1:1

	0.5 mm
155 mm – 6 "	14-218-150

MCGEE 1:1

	160 mm – 6 ¼ "	160 mm – 6 ¼ "
0.5 mm	14-219-050	14-220-050
1.0 mm	14-219-100	14-220-100

Häkchen, rund, nach oben gebogen
Hook, round, curved up
Crochet, courbé ronde, vers le haut
Gancho, redondo, curvado arriba
Uncino, rotondo, curvato in alto

Häkchen, rund, nach unten gebogen
Hook, round, curved down
Crochet, courbé ronde vers le bas
Gancho, redondo, curvado arriba
Uncino, rotondo, curvato in basso

ROSEN 1:1

	0.5 mm
160 mm – 6 ¼ "	14-221-150

Nadel, leicht gebogen
Needle, slightly curved
Aiguille, légèrement courbée
Aguja, ligeramente curvado
Ago, leggermente curvato

MCGEE 1:1

	160 mm – 6 ¼ "	160 mm – 6 ¼ "	160 mm – 6 ¼ "	160 mm – 6 ¼ "
	25°	25°	45°	45°
0.3 mm	14-222-030	14-223-030	14-224-030	14-225-030
0.6 mm	14-222-060	14-223-060	14-224-060	14-225-060
1.0 mm	14-222-100	14-223-100	14-224-100	14-225-100

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

Häkchen, nach unten gebogen
Hook, curved down
Crochet, coudé en bas
Gancho, curvado abajo
Uncino, curvato in basso

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

Häkchen, nach unten gebogen
Hook, curved down
Crochet, coudé en bas
Gancho, curvado abajo
Uncino, curvato in basso

Mikro-Ohrraspatorien
Micro ear raspatories

Micro-raspateurs auriculaires
Micro-raspatorias auriculares
Micro-raspatori auricolari



			
FISCH 1:1	1:1	1:1	1:1
155 mm – 6"	155 mm – 6"	155 mm – 6"	155 mm – 6"
14-226-160	14-227-160	14-228-160	14-229-160
rechts abgewinkelt angled to the right coudé à droite angulado por la derecha angulato a destra	links abgewinkelt angled to the left coudé à gauche angulado por la izquierda angulato a sinistra	rechts abgewinkelt angled to the right coudé à droite angulado por la derecha angulato a destra	links abgewinkelt angled to the left coudé à gauche angulado por la izquierda angulato a sinistra



1:2

14-230-000

Rack für 8 Mikro-Ohr-Instrumente mit Sechs- oder Achteckgriff
Rack for 8 each micro ear instruments with hexagonal or octagonal handle
Étagère pour 8 micro-instruments avec manches hexagonales ou 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" 14-231-010

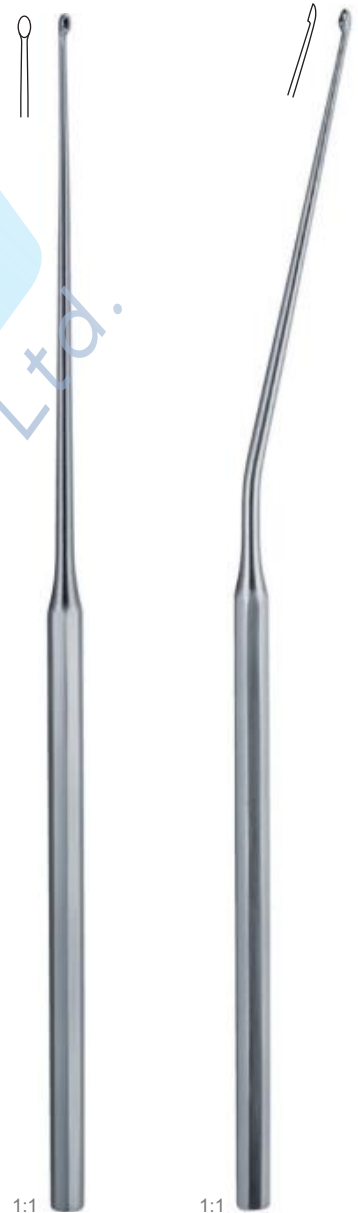
Löffel, stark gebogen
Spoon, strong curved
Curette, fortement coudée
Cureta, muy curvada
Cucchaio, fortemente curvato

170 mm – 6 3/4" 14-231-020

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

SHEA

	1.5 mm x 2.5 mm	1.5 mm x 2.5 mm
160 mm – 6 1/4"	14-233-010	14-233-020
	gerade straight droits recta retto	abgewinkelt angled condé angulado angulato



Mikro-Ohrlöffel
Micro ear spoons

Micro-curettes auriculaires
Micro-curetas auriculares
Micro-cucchiai auricolari



HOUSE



	1.0 mm Ø und 1.2 mm Ø	1.5 mm Ø und 1.8 mm Ø
150 mm – 6 "	14-234-010	14-234-020

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

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

HOUSE



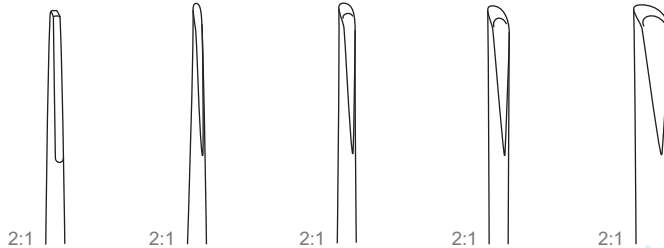
	1.0 mm Ø und 1.2 mm Ø	1.5 mm Ø und 1.8 mm Ø
150 mm – 6 "	14-235-010	14-235-020

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

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

Mikro-Ohrmeißel und Hämmer
Micro ear chisels and hammers

Micro burins et marteaux auriculaires
Micro cincels y martillos para orejas
Micro scalpelli e martelli per orecchio



HEERMANN

0.7 mm	0.7 mm	1.0 mm	1.5 mm	3.0 mm
14-236-010	14-236-020	14-236-040	14-236-050	14-236-060

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

HEERMANN

14-236-100

Handgriff für Meißel (14-236-010 – 14-236-050)
Handle for chisels (14-236-010 – 14-236-050)
Manche pour ciseaux (14-236-010 – 14-236-050)
Mango para escoplos (14-236-010 – 14-236-050)
Manico per scalpelli/sgorbie (14-236-010 – 14-236-050)



HEERMANN

1:2

195 mm – 7 3/4" 14-236-150

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



COTTLE

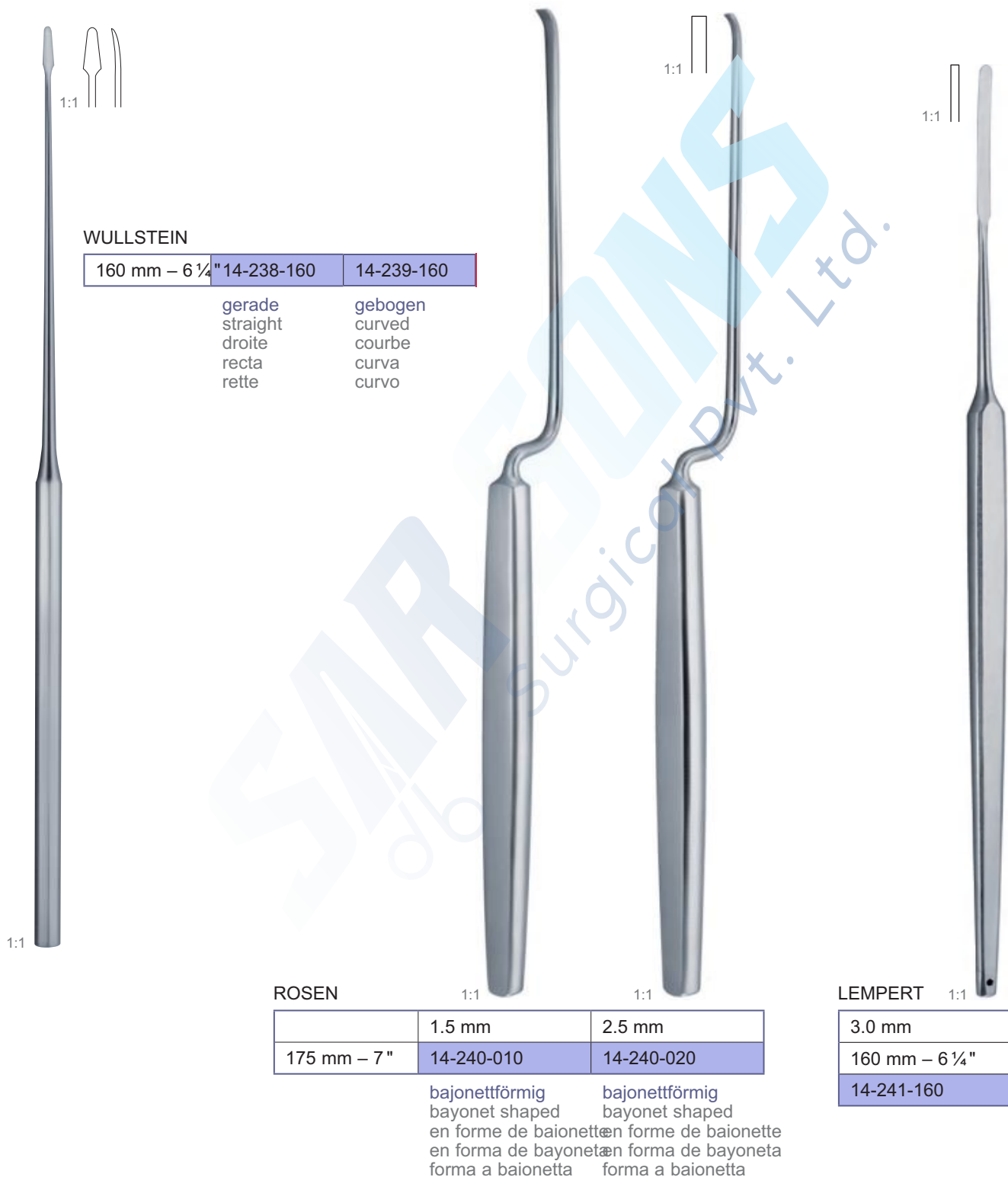
1:2

	240 g
185 mm – 7 1/4"	14-237-185

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

Ohrraspatorien
Ear raspatories

Raspateurs auriculaires
Raspatorias auriculares
Raspatori auricolari



Ohr-Knochenstanzen
Bone rongeurs
Rongeurs auriculaires
Pinzas osteótomos auriculares
Conchotomi auricolari



CITELLI

x = 60 mm	170 mm – 6 ¾ "
1.5 mm	14-242-001
2.2 mm	14-242-002
3.0 mm	14-242-003



KERRISON

200 mm – 8 "	3 x 3 mm	4 x 4 mm	5 x 5 mm	6 x 6 mm
x = 80 mm	14-243-003	14-243-004	14-243-005	14-243-006

Ohr-Knochenstanzen

Bone rongeurs

Rongeurs auriculaires

Pinzas osteótomos auriculares

Conchotomi auricolari



BEYER

	1 mm
140 mm – 5 ½ "	14-244-000

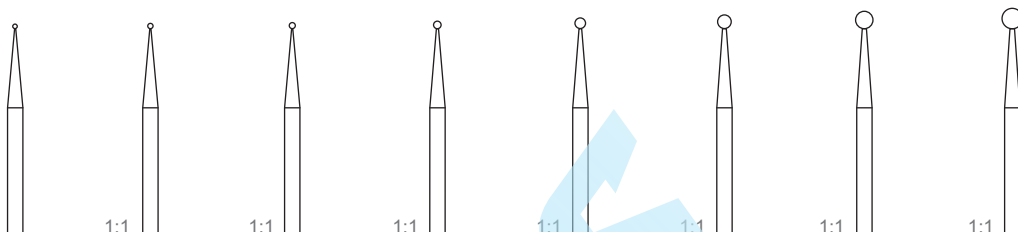


BEYER

	2 mm
190 mm – 7 ½ "	14-245-000

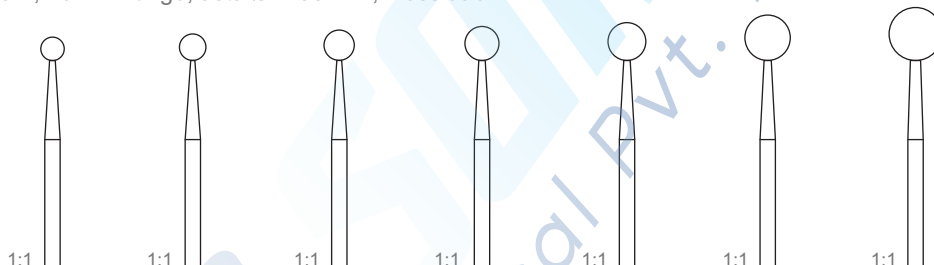
Bohrer
Burrs
Fraises
Brocas
Perforatori

„ROSEN“-BOHRER



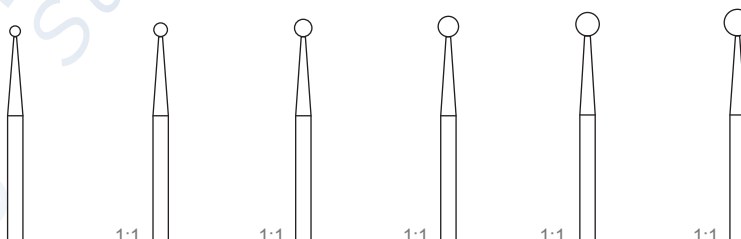
	0.6 mm Ø	0.7 mm Ø	0.8 mm Ø	1.0 mm Ø	1.4 mm Ø	1.8 mm Ø	2.3 mm Ø	2.7 mm Ø
70 mm – 2 3/4"	14-246-060	14-246-070	14-246-080	14-246-100	14-246-140	14-246-180	14-246-230	14-246-270

„Rosen“-Bohrer, 70 mm lang, Schaft-Ø 2.35 mm, rostfrei
 “Rosen” burrs, 70 mm long, shank diameter 2.35 mm, stainless
 Fraises de «Rosen», 70 mm de long, Ø de tige 2.35 mm, inoxydables
 Brocas “Rosen”, largo 70 mm, vástago-Ø 2.35 mm, inoxidable
 Perforatori “Rosen”, 70 mm lungo, asta Ø 2.35 mm, inossidabili



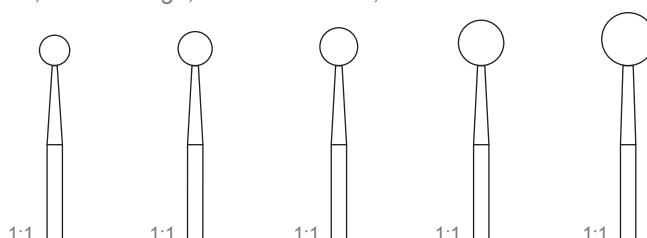
	3.1 mm Ø	3.5 mm Ø	4.0 mm Ø	4.5 mm Ø	5.0 mm Ø	6.0 mm Ø	7.0 mm Ø
70 mm – 2 3/4"	14-246-310	14-246-350	14-246-400	14-246-450	14-246-500	14-246-600	14-246-700

„ROSEN“-BOHRER



	1.4 mm Ø	1.8 mm Ø	2.3 mm Ø	2.7 mm Ø	3.1 mm Ø	3.5 mm Ø
95 mm – 3 3/4"	14-247-140	14-247-180	14-247-230	14-247-270	14-247-310	14-247-350

„Rosen“-Bohrer, 95 mm lang, Schaft-Ø 2.35 mm, rostfrei
 “Rosen” burrs, 95 mm long, shank diameter 2.35 mm, stainless
 Fraises de «Rosen», 95 mm de long, Ø de tige 2.35 mm, inoxydables
 Brocas “Rosen”, largo 95 mm, vástago-Ø 2.35 mm, 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 3/4"	14-247-400	14-247-450	14-247-500	14-247-600	14-247-700

Bohrer
Burrs
Fraises
Brocas
Perforatori










DIAMANTBOHRER

	0.6 mm Ø	0.7 mm Ø	0.8 mm Ø	1.0 mm Ø	1.5 mm Ø	1.8 mm Ø	2.3 mm Ø	2.7 mm Ø
70 mm – 2 3/4"	14-248-060	14-248-070	14-248-080	14-248-100	14-248-150	14-248-180	14-248-230	14-248-270

Diamantbohrer, 70 mm lang, Schaft-Ø 2.35 mm
 Diamant dust polishing burrs, 70 mm long, shank diameter 2.35 mm
 Fraises à polir, diamantées, 70 mm de long, Ø de tige 2.35 mm
 Brocas diamantadas, largo 70 mm, vástago-Ø 2.35 mm
 Perforatori diamantati, 70 mm lungo, asta Ø 2.35 mm









	3.0 mm Ø	3.5 mm Ø	4.0 mm Ø	4.5 mm Ø	5.0 mm Ø	6.0 mm Ø	7.0 mm Ø
70 mm – 2 3/4"	14-248-300	14-248-350	14-248-400	14-248-450	14-248-500	14-248-600	14-248-700








DIAMANTBOHRER

	1.5 mm Ø	1.8 mm Ø	2.3 mm Ø	2.7 mm Ø	3.0 mm Ø	3.5 mm Ø
95 mm – 3 3/4"	14-249-150	14-249-180	14-249-230	14-249-270	14-249-300	14-249-350

Diamantbohrer, 95 mm lang, Schaft-Ø 2.35 mm
 Diamond dust polishing burrs, 95 mm long, shank diameter 2.35 mm
 Fraises à polir, diamantées, 95 mm de long, Ø de tige 2.35 mm
 Brocas diamantadas, largo 95 mm, vástago-Ø 2.35 mm
 Perforatori diamantati, 95 mm lungo, asta Ø 2.35 mm





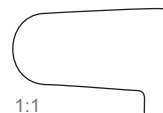


	4.0 mm Ø	4.5 mm Ø	5.0 mm Ø	6.0 mm Ø	7.0 mm Ø
95 mm – 3 3/4"	14-249-400	14-249-450	14-249-500	14-249-600	14-249-700

Nasenspekula
Nasal specula
Spéculums nasaux
Espéculos nasales
Specoli nasali



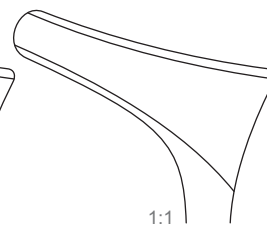
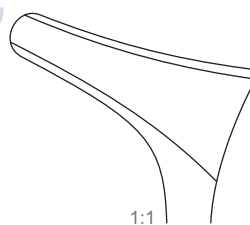
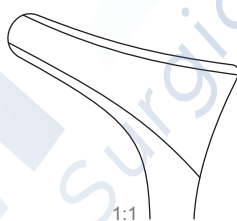
THUDICHUM
(GOLDSMITH)



	21 mm x 9.5 mm	21 mm x 10.5 mm	21 mm x 11.5 mm
65 mm – 2 ½ "	14-250-010	14-250-020	14-250-030



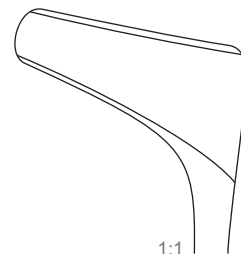
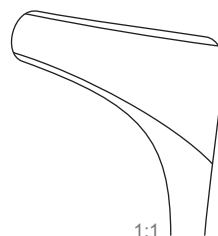
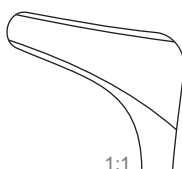
HARTMANN



160 mm – 6 ¼ "	14-251-001	14-251-002	14-251-003
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HARTMANN-HALLE



150 mm – 6 "	14-252-001	14-252-002	14-252-003
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Nasenspekula
Nasal specula
Spéculums nasaux
Espéculos nasales
Specoli nasali

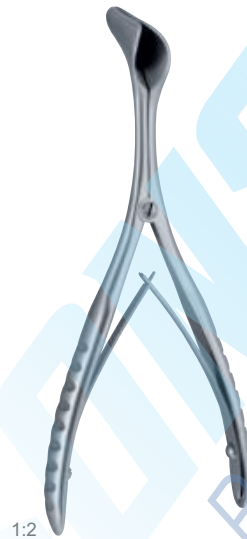


TIECK-HALLE

1:1

135 mm – 5 ¼" 14-253-000

für Säuglinge
for babies
pour nourrissons
para lactantes
per lattanti



SCHWARZ

1:1

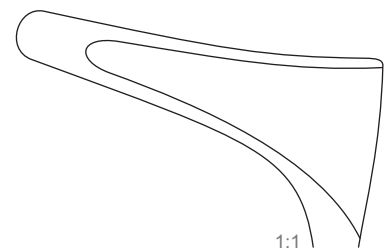
140 mm – 5 ½" 14-254-140



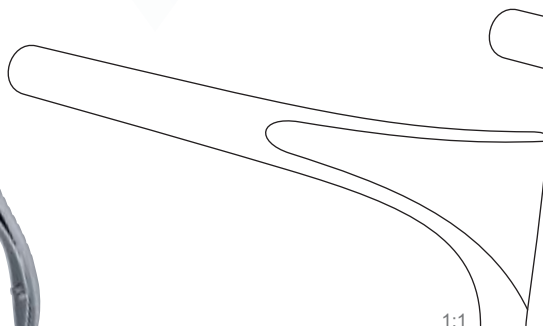
KILLIAN

1:1

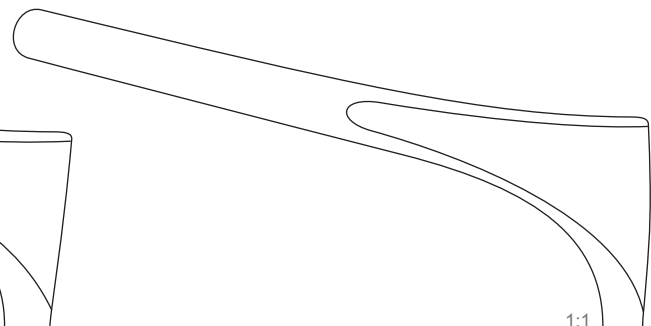
	x = 35 mm	x = 50 mm
130 mm – 5"	14-255-001	14-255-002



1:1



1:1



1:1

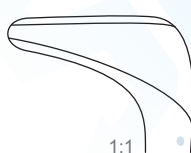
	x = 75 mm	x = 90 mm
130 mm – 5"	14-255-003	14-255-004

Nasenspekula
Nasal specula
Spéculums nasaux
Espéculos nasales
Specoli nasali

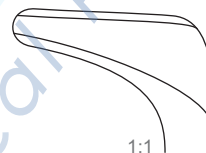


BECKMANN

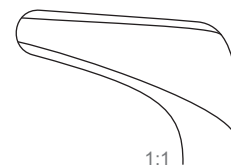
150 mm – 6 "



14-256-001



14-256-002

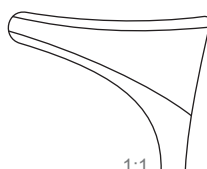


14-256-003

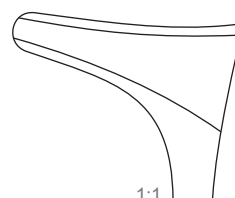


MOD. WIEN

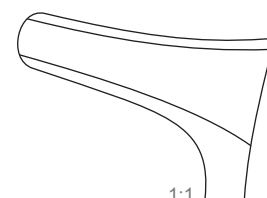
145 mm – 5 ¾ "



14-257-001



14-257-002

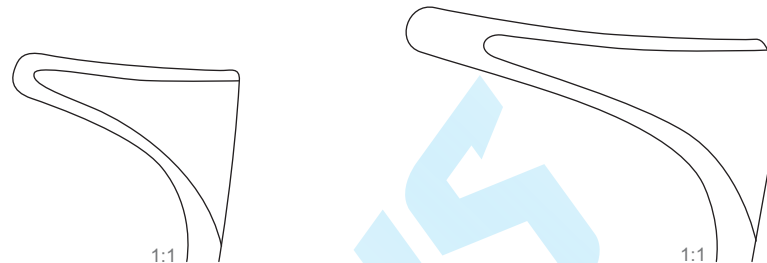


14-257-003

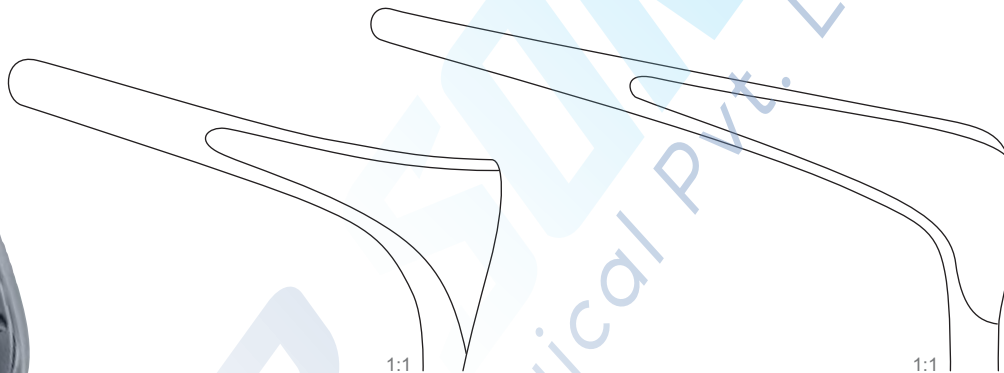
Nasenspekula
Nasal specula
Spéculums nasaux
Espéculos nasales
Specoli nasali



COTTLE



	x = 35 mm	x = 50 mm
150 mm – 6 "	14-258-035	14-258-050

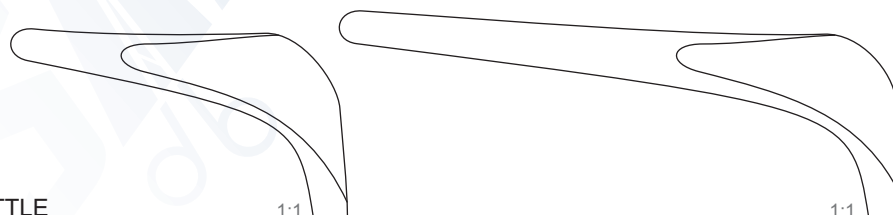


	x = 75 mm	x = 90 mm
150 mm – 6 "	14-258-075	14-258-090

1:2



COTTLE



	x = 35 mm	x = 50 mm
140 mm – 5 ½ "	14-259-350	14-259-500

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

	x = 75 mm	x = 90 mm
140 mm – 5 ½ "	14-259-750	14-259-900

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

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 "	14-260-200
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LUBET-BARBON

200 mm – 8 "	14-261-200
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HARTMANN

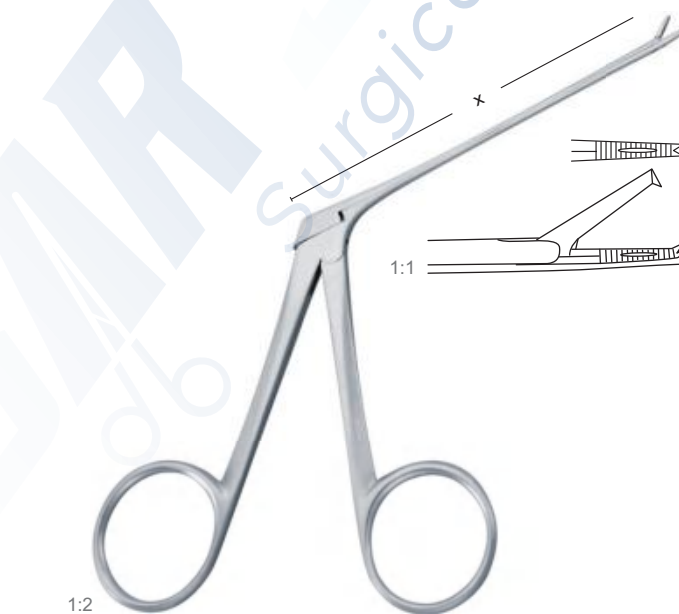
160 mm – 6 ¼ "	14-262-160
200 mm – 8 "	14-262-200

Nasenpolypenzangen – Septumzangen
Nasal polypus and septum forceps

Pinces à polypes et la cloison nasale
Pinzas para pólipos y el tabique nasal
Pinze per polipi e setto nasale



Nasentamponzange
Nasal dressing forceps
Pince à pansement pour le nez
Pinza nasal para taponamiento
Pinza per tamponamento nasale



1:2
NOYES

x = 110 mm – 3 ½"

14-266-090

1 x 2

Nasenpolypenzangen

Nasal polypus

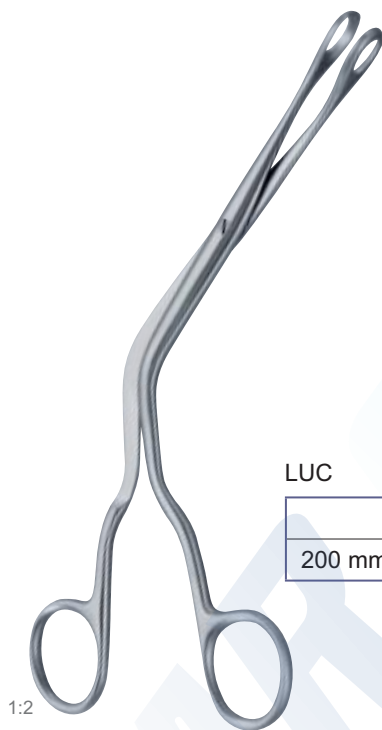
Pinces à polypes nasales

Pinzas para pólipos nasales

Pinze per polipi nasali



Scharfe Nasenzangen
Nasal cutting forceps
Pinces coupantes pour le nez
Pinzas nasales cortantes
Pinze taglienti per naso



LUC



	Fig. 1	Fig. 2
200 mm – 8"	14-270-010	14-270-020

gefenstert
fenestrated
fenêtré
fenestrado
finestrato

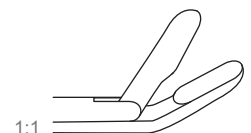
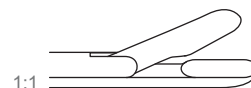


Fig. 1	Fig. 2
14-271-010	14-271-020

voll
plaine
pleine
lleno
pieno



TAKAHASHI



	3.5 mm x 10 mm	3.5 mm x 10 mm
x = 120 mm – 4 ¾"	14-272-120	14-273-120

Scharfe Nasenzangen
Nasal cutting forceps
Pinces coupantes pour le nez
Pinzas nasales cortantes
Pinze taglienti per naso



BRUENINGS

190 mm – 7 ½ "



1:1



1:1



1:1



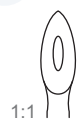
1:1

14-274-001

14-274-002

14-274-003

14-274-004



1:1



1:1



1:1

WEIL

WATSON-WILLIAMS

x = 120 mm – 4 ¾ "

14-275-120

14-276-100

14-277-010



Scharfe Nasenzangen
Nasal cutting forceps
Pincès coupantes pour le nez
Pinzas nasales cortantes
Pinze taglianti per naso



**WEIL-
BLAKESLEY**



$x = 120 \text{ mm} - 4 \frac{3}{4}''$	14-278-001	14-278-002	14-278-003	14-278-004	14-278-005
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$x = 120 \text{ mm} - 4 \frac{3}{4}''$	14-279-001	14-279-002	14-279-003	14-279-004
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$x = 120 \text{ mm} - 4 \frac{3}{4}''$	14-280-001	14-280-002	14-280-003
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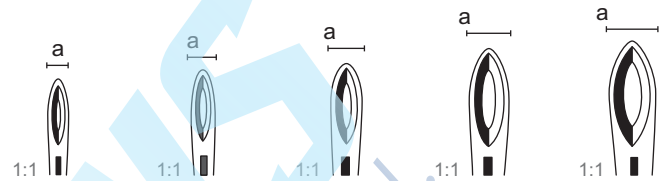


Fig. 1	Fig. 2	Fig. 3	Fig. 4	Fig. 5
$a = 3.0 \text{ mm}$	$a = 3.5 \text{ mm}$	$a = 4.5 \text{ mm}$	$a = 5.0 \text{ mm}$	$a = 5.5 \text{ mm}$

Fig. 1	Fig. 2	Fig. 3	Fig. 4	Fig. 5
$a = 3.0 \text{ mm}$	$a = 3.5 \text{ mm}$	$a = 4.5 \text{ mm}$	$a = 5.0 \text{ mm}$	$a = 5.5 \text{ mm}$



$x = 180 \text{ mm} - 7''$	14-281-010	14-281-020	14-281-030	14-281-040	14-281-050
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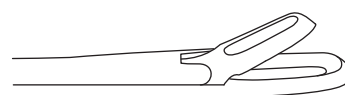


$x = 180 \text{ mm} - 7''$	14-282-010	14-282-020	14-282-030	14-282-040
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HARTMANN



$x = 120 \text{ mm} - 4 \frac{3}{4}''$	14-283-005	14-283-007	14-283-009	14-283-011
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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
$x = 120 \text{ mm} - 4 \frac{3}{4}''$	14-284-010	14-284-020	14-284-030

1:2

Scharfe Nasenzangen
Nasal cutting forceps
Pinces coupantes pour le nez
Pinzas nasales cortantes
Pinze taglienti per naso



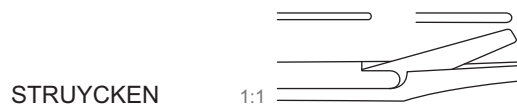
SCHMEDEN

x = 120 mm – 4 3/4"	14-285-001	14-285-002	14-285-003
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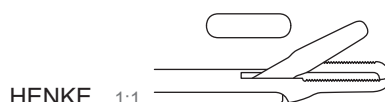
TOMATI 1:1

x = 120 mm – 4 3/4"	14-286-120
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STRUYCKEN 1:1

	0.9 mm	1.2 mm
x = 120 mm – 4 3/4"	14-287-001	14-287-002

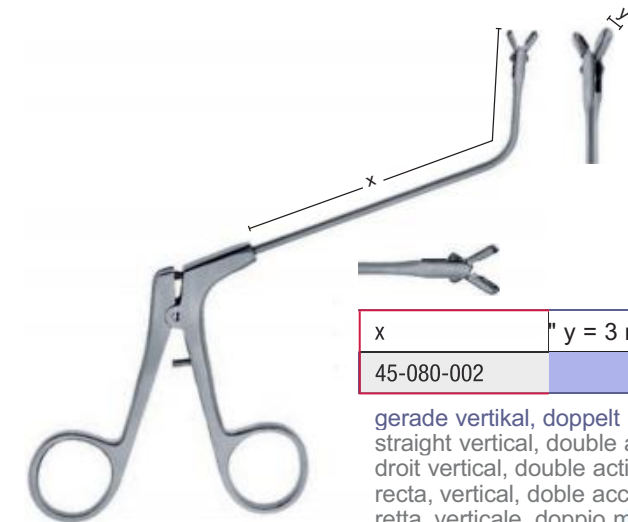


HENKE 1:1

x = 120 mm – 4 3/4"	14-288-120
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Scharfe Nasenzangen Nasal cutting forceps

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



x	y = 3 mm
45-080-002	

gerade vertikal, doppelt beweglich
straight vertical, double action
droit vertical, double action
recta, vertical, doble acción
retta, verticale, doppio movimento



x = 100 mm – 4"	y = 3 mm
14-289-004	

gerade hor., doppelt beweglich
straight hor., double action
droit horizontal, double action
recta, horizontal, doble acción
retta, orizz., doppio movimento



x = 100 mm – 4"	y = 3 mm
14-289-006	

gerade hor., einfach beweglich, kurz
straight hor., single action, short
droit hor., action simple, court
recta, hor., acción simple, corto
retta, orizz., movimento sing., corto



x = 100 mm – 4"	y = 3 mm
14-290-030	

45° vertikal, doppelt beweglich
45° vertical, double action
45° vertical, double action
45° vertical, doble acción
45° verticale, doppio movimento



x = 100 mm – 4"	y = 3 mm
14-291-030	

45° hor., doppelt beweglich
45° hor., double action
45° hor., double action
45° hor., doble acción
45° horiz., doppio movimento



x = 100 mm – 4"	y = 3 mm
14-292-030	

100° vert., doppelt beweglich
100° vert., double action
100° vert., double action
100° vert., doble acción
100° vert., doppio movimento



x = 100 mm – 4"	y = 3 mm
14-293-030	

45° vert., einfach beweglich, kurz
45° vert., single action, short
45° vert., action simple, court
45° vert., acción simple, corto
45° vert., movimento sing., corto



x = 100 mm – 4"	y = 3 mm
14-294-030	

70° vertikal, doppelt beweglich
70° vertical, double action
70° vertical, double action
70° vertical, doble acción
70° verticale, doppio movimento



x = 100 mm – 4"	y = 3 mm
14-295-030	

70° hor., doppelt beweglich
70° hor., double action
70° hor., double action
70° hor., doble acción
70° horiz., doppio movimento



x = 100 mm – 4"	y = 3 mm
14-297-030	

100° hor., doppelt beweglich
100° hor., double action
100° hor., double action
100° hor., doble acción
100° horiz., doppio movimento

x = 100 mm – 4"	y = 3 mm
14-296-030	

70° vert., einfach beweglich, kurz
70° vert., single action, short
70° vert., action simple, court
70° vert., acción simple, corto
70° vert., movimento sing., corto

x = 100 mm – 4"	y = 3 mm
45-093-030	

70° hor., einfach beweglich
70° hor., single action
70° hor., action simple, court
70° hor., acción simple, corto
70° horiz., movimento sing., corto

Scharfe Nasenzangen
Nasal cutting forceps

Pincès coupantes pour le nez
Pinzas nasales cortantes
Pinze *taglienti per naso*



x = 100 mm – 4" y = 4 mm

14-290-040

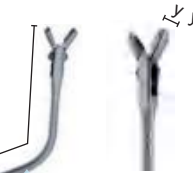
45° vertikal, doppelt beweglich
45° vertical, double action
45° vertical, double action
45° vertical, doble acción
45° verticale, doppio movimento



x = 100 mm – 4" y = 4 mm

14-291-040

45° hor., doppelt beweglich, kurz
45° hor., double action, short
45° hor., double action, court
45° hor., acción doble, corto
45° oriz., movimento, corta



x = 100 mm – 4" y = 4 mm

14-293-040

45° vertikal, einfach beweglich, kurz
45° vertical, single action, short short
45° vertical, action simple, court
45° vertical, acción simple, corto
45° verticale, movimento singolo, corta



x = 100 mm – 4" y = 4 mm

14-294-040

70° vertikal, doppelt beweglich
70° vertical, double action
70° vertical, double action
70° vertical, doble acción
70° verticale, doppio movimento



x = 100 mm – 4" y = 4 mm

14-296-040

70° vertikal, einfach beweglich, kurz
70° vertical, single action, short short
70° vertical, action simple, court
70° vertical, acción simple, corto
70° verticale, movimento singolo, corta



x = 100 mm – 4" y = 4 mm

14-295-040

70° hor., doppelt beweglich, kurz
70° hor., double action, short
70° hor., double action, court
70° hor., acción doble, corto
70° oriz., movimento, corta

x = 100 mm – 4" y = 4 mm

14-292-040

100° vertikal, doppelt beweglich
100° vertical, double action
100° vertical, double action
100° vertical, doble acción
100° verticale, doppio movimento

x = 100 mm – 4" y = 4 mm

14-297-040

100° hor., doppelt beweglich
100° hor., double action
100° hor., double action
100° hor., doble acción
100° oriz., doppio movimento

Nasenschere
Nasal scissors
Ciseaux nasales
Tijera nasal
Forbice nasale

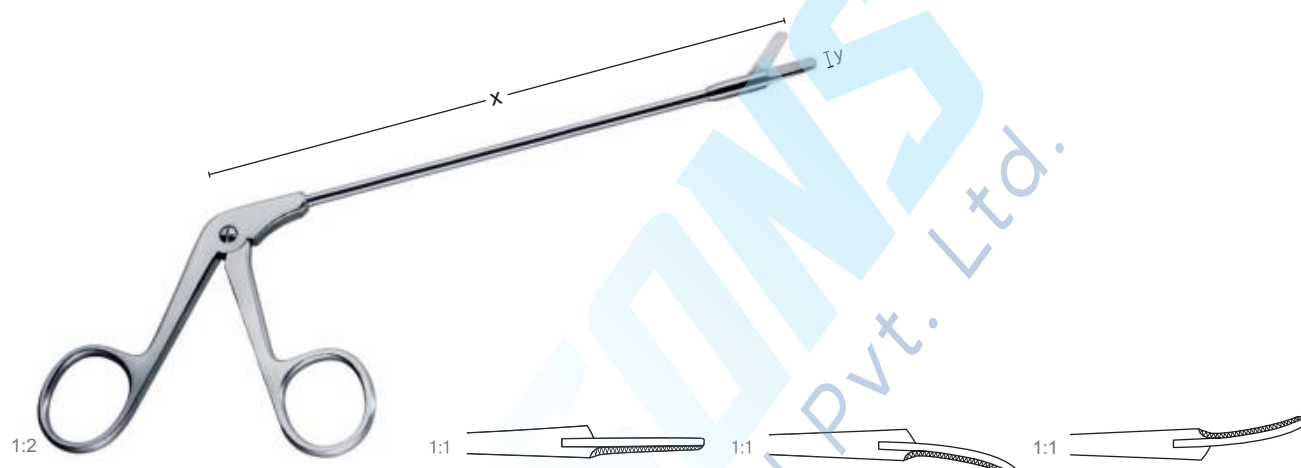
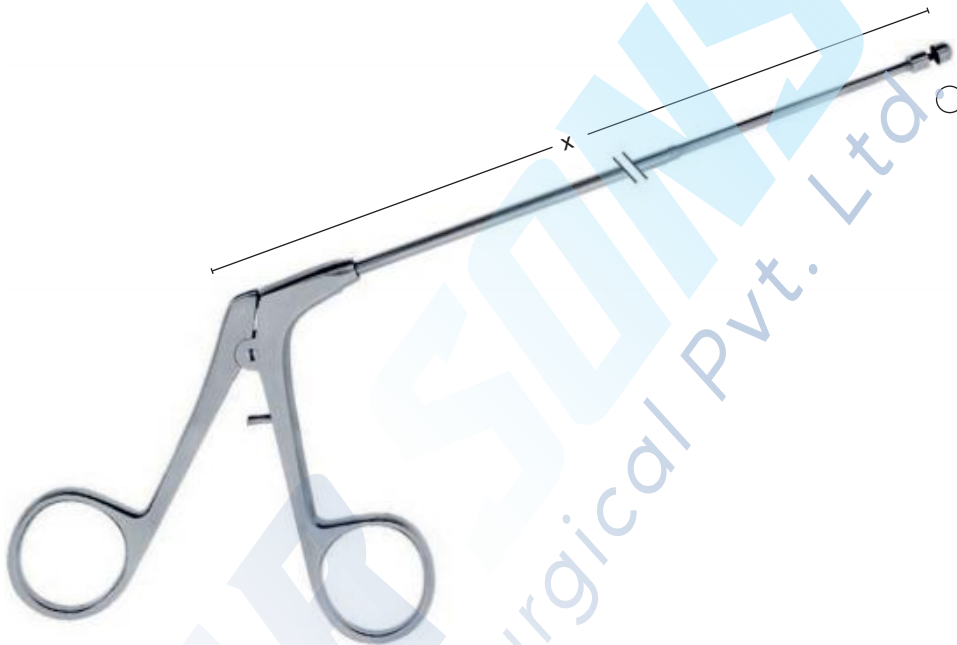


	Fig. 1	Fig. 2	Fig. 3
x = 135 mm – y = 5 mm	14-298-002	14-298-005	14-298-003
	gezahnt, gerade serrated, straight droit, dentelés dentada, recta dentata, retta	gezahnt, rechts serrated, right dentelés, droites dentada, derecha dentata, destra	gezahnt, links serrated, left dentelés, gauche dentada, izquierda dentata, sinistra

Zirkular Stanze
Circular forceps
Pince circulaire
Pinza circular
Pinza a taglio circolare

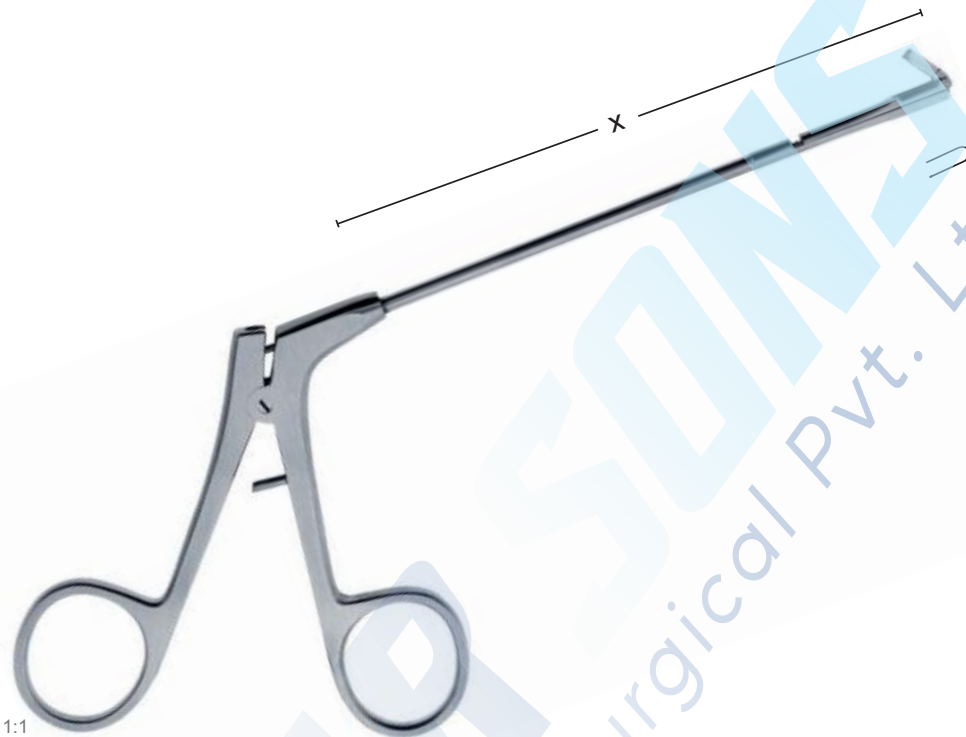


	x = 180 mm – 7"	x = 180 mm – 7"
3.5 mm Ø	14-299-035	14-300-035
4.5 mm Ø	14-299-045	14-300-045

gerade
straight
droit
recta
retta

aufgebogen
curved upwards
coudé en haut
curvada arriba
curvata in alto

Antrumstanze
Antrum punch
Pince pour l'antrum
Pinza antrum
Pinze antrum



1:1

x = 100 mm	Fig. 1	Fig. 2	Fig. 3
3.0 mm (für Kinder)	14-301-030	14-302-030	14-303-030
3.5 mm	14-301-035	14-302-035	14-303-035
4.5 mm	14-301-045	14-302-045	14-303-045

rückwärts nach oben schneidend
backward, up-cutting
retrograde coupe en haut
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)	14-304-030	14-305-030
3.5 mm	14-304-035	14-305-035
4.5 mm	14-304-045	

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

drehbar
rotating
rotatif
rotatorio
rotativo

Keilbeinstanzen
Punches sphenoid bone
Pincès pour le sinus sphénoïdal
Pinzas para esfenoides
Pinze sfenoidali taglianti



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
14-306-040	14-307-035

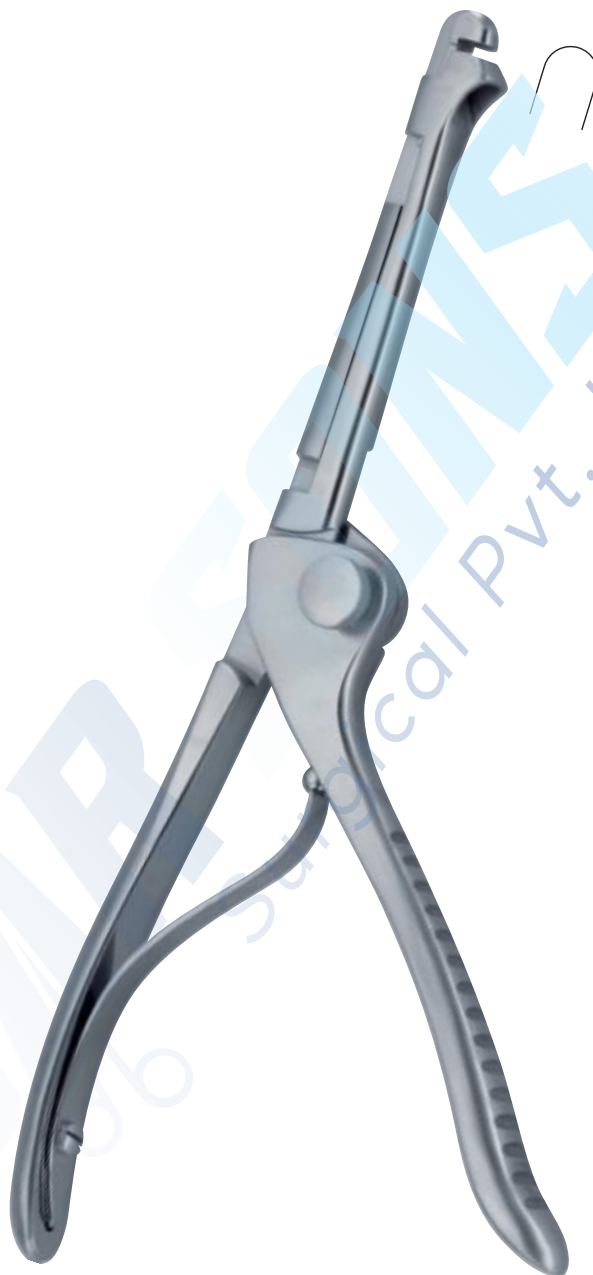
HAJEK	HAJEK-KOFLER
x = 140 mm – 5 ½"	x = 140 mm – 5 ½"
4 mm x 4 mm	3.5 mm x 3.5 mm
14-308-040	14-309-035



HAJEK-KOFLER	
	3.5 n
x	14-310-035

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

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



1:2

HAJEK-CLAUS

200 mm – 8 "

14-311-200

Nasenpolypenschnürer
Nasal polypus snares

Serre noeuds pour polypes
Polipótomos nasales
Serranodi nasali



0.3 mm Ø x 100 mm 14-312-003

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



KRAUSE

1:2

260 mm – 10 1/4" 14-313-260



KRAUSE-VOSS2

260 mm – 10 1/4" 14-314-260

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

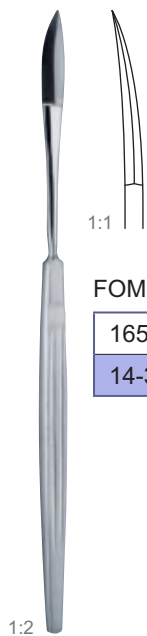


LANGE-WILDE:2

240 mm – 9 1/2" 14-315-240

Nasenmesser
Nasal knives

Bistouris pour nez
Cuchillos nasales
Bisturi per naso



FOMON

165 mm – 6 ½"

14-316-160



JOSEPH



	Fig. 1	Fig. 2	Fig. 1	Fig. 2
160 mm – 6 ¼"	14-317-001	14-317-002	14-318-001	14-318-002

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

gerade
straight
droits
recta
retto

gebogen
curved
courbe
curva
curvo



COTTLE

1:2

140 mm – 5 ½"

14-319-150

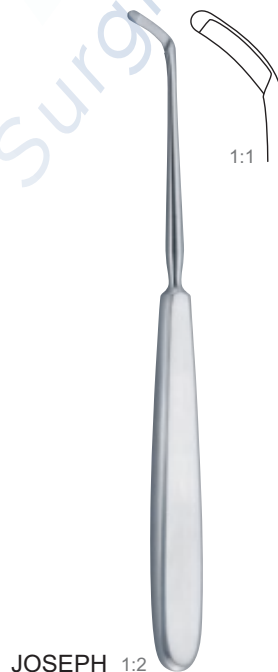


JOSEPH

1:2

150 mm – 6"

14-320-150



JOSEPH

1:2

175 mm – 7"

14-321-030



BRUENINGS

1:2

165 mm – 6 ½"

14-322-160

02-680-000

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

Nasenmesser
Nasal knives

Bistouris pour nez
Cuchillos nasales
Bisturi per naso



FREER

1:2

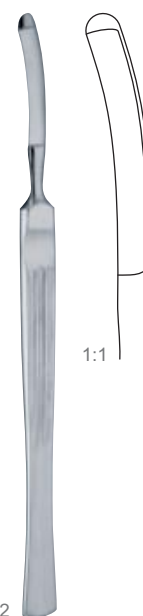
190 mm – 6 ½"

14-323-001



1:2

14-323-002



CONVERSE

1:2

160 mm – 6 ¼"

14-324-160



FREER

1:2

150 mm – 6"

14-325-150



FREER

1:2

150 mm – 6"

14-326-160



FREER

1:2

150 mm – 6"

14-327-150

Tonsillenmesser
Tonsils knives
Couteaux à tonsils
Bisturís para amígdalas
Bisturi per tonsille



FREER

210 mm – 8 ¼"

14-328-210

14-329-210

200 mm – 8"

14-330-200

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



BRUENINGS

230 mm – 9"

14-331-230



ABRAHAM

220 mm – 8 ¾"

14-332-210



FISCHER

230 mm – 9"

14-333-225

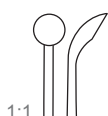


200 mm – 8"

14-334-200

scharf
sharp
tranchant
cortante
acut

Antrumküretten
Antrum curettes
Curettes d'antrum
Curetas para el antrum
Curette per antrum



1:1



1:1

200 mm – 8"

14-335-001

200 mm – 8"

14-335-002



1:1

200 mm – 8"

7 mm x 11 mm

14-336-200



1:1

PRATT

210 mm – 8 1/4"

14-337-210

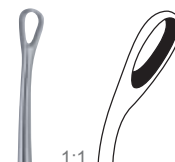


1:1

FAULKNER

210 mm – 8 1/4"

14-338-210



1:1

COAKLEY

200 mm – 8"

14-339-120



1:2

COAKLEY



1:1



1:1



1:1



1:1



1:1



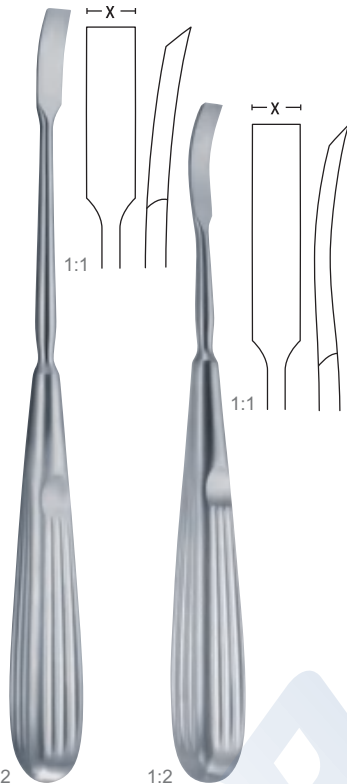
1:1

	Fig. 1	Fig. 2	Fig. 3	Fig. 4	Fig. 5	Fig. 6
170 mm – 6 3/4"	14-340-010	14-340-020	14-340-030	14-340-040	14-340-050	14-340-060
14-340-000	x	x	x	x	x	x

Satz
Set
Jeu
Juego
Serie

Septum elevator – Raspatorien
Septum elevators – raspatories

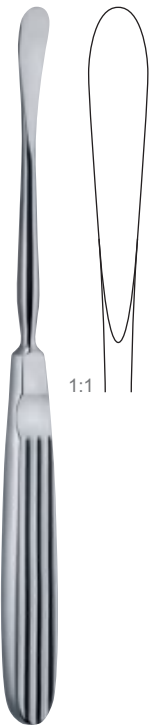
Elévateurs – rugines pour la cloison nasale
Elevadores – legras para el tabique nasal
Elevatori – periostotomi per setto



LEMPERT	1:2	205 mm – 8"	180 mm – 7"
x = 6 mm		14-341-205	14-342-180

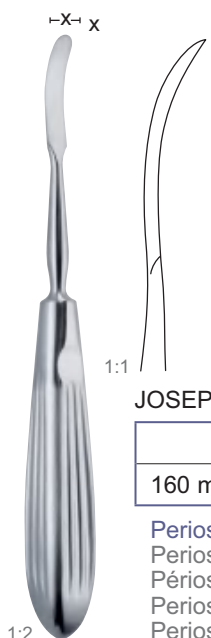


FREER	1:2	x = 4 mm
		160 mm – 6 1/4"
		14-343-004



COTTLE	1:2	x = 8 mm
		190 mm – 7 1/2"
		14-344-190

scharf
sharp
tranchant
cortante
acuta



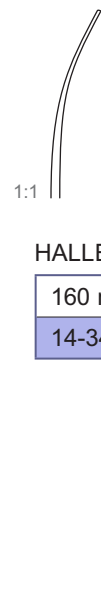
JOSEPH	x = 5 mm
	160 mm – 6 1/4"
	14-345-160

Periost Elevatorien
Periostal elevators
Périostotome
Periostótomo
Periostotomo



SEWALL	200 mm – 8"	14-346-200
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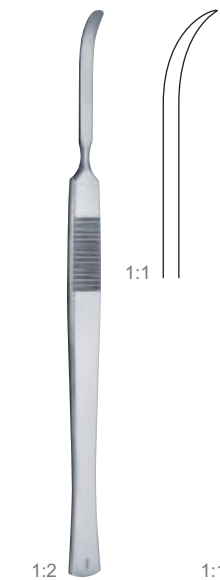
Antrum Elevatorium
Antrum elevator
Elévateur pour le fosse nasale
Elevador para el antro
Elevatore per antro



HALLE	160 mm – 6 1/4"
	14-347-160

Septum elevator – Raspatorien
Septum elevators – raspatories

Elévateurs – rugines pour la cloison nasale
Elevadores – leguas para el tabique nasal
Elevatori – periostotomi per setto



MCKENTY

	4 mm	5 mm
150 mm – 6"	14-348-040	14-348-050

scharf
sharp
tranchant
cortante
acuta



COTTLE

	x = 5 mm
235 mm – 9 1/4"	14-349-230

scharf
sharp
tranchant
cortante
acuta



MCKENTY

	x = 4 mm
205 mm – 8"	14-350-220

scharf
sharp
tranchant
cortante
acuta

Septumelevatorien – Raspatorien
Septum elevators – raspatories

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



Septumelevatorien – Raspatorien
Septum elevators – raspatories

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



FREER 1:2 1:1
205 mm – 8" 14-355-205

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



PENNINGTON 1:2 1:1
215 mm – 8 1/2" 14-356-210

stumpf
blunt
mousse
romo
smussa



JOSEPH-MASING 1:2 1:1
215 mm – 8 1/2" 14-358-220

scharf
sharp
tranchant
cortante
acuta

Periostelevatorien
Periosteal elevators

Elévateurs pour la périoste
Legras para periostio
Elevatori per il periosto



MASING

200 mm – 8 "	14-359-210
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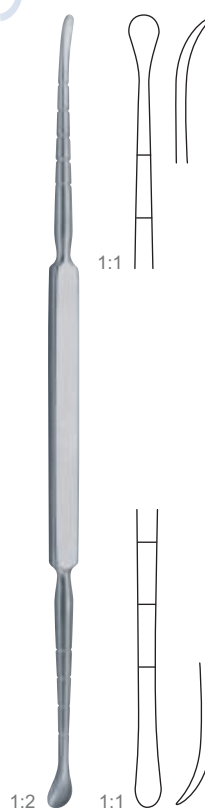
BALLENGER-HAJEK

190 mm – 7 ¼ "	14-360-190
220 mm – 8 ¾ "	14-361-210



COTTLE

220 mm – 8 ¾ "	14-362-220
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COTTLE

210 mm – 8 ¼ "	14-363-210
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Septumelevatorien
Septum elevators

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



1:2

BOIES

190 mm – 7 ½"

14-364-190

Nasenfraktur Elevatorium, stumpf
Nasal fracture elevator, blunt
Elévateur pour fractures nasales, mousse
Elevador para fracturas nasales, romas
Elevatore per fratture nasali, smussa



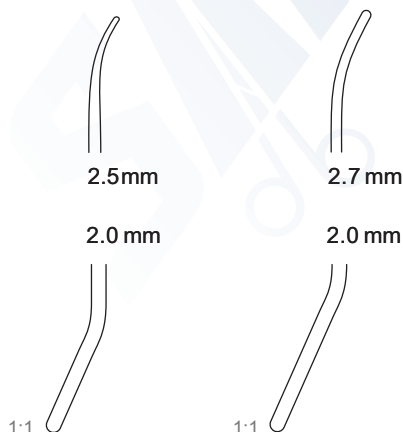
1:2

GOLDMAN

170 mm – 6 ¾"

14-365-170

Septumfraktur Elevatorium
Septum displacer
Elévateur pour fractures de la cloison nasale
Elevador para fracturas del tabique nasal
Elevatore per fratture del setto



WATSON-CHEYNE

130 mm – 5"

190 mm – 7 ½"

14-366-130

14-366-190

Raspatorium
Raspatory
Rugine
Raspatorio
Periostotomo

Nasensägen
Nasal saws
Scies nasales
Sierras nasales
Seghe nasali



1:2

JOSEPH

190 mm – 7 ½ "

14-367-001



1:2

14-367-002



1:2

JOSEPH

190 mm – 7 ½ "

14-368-000



1:2

JOSEPH

170 mm – 6 ¾ "

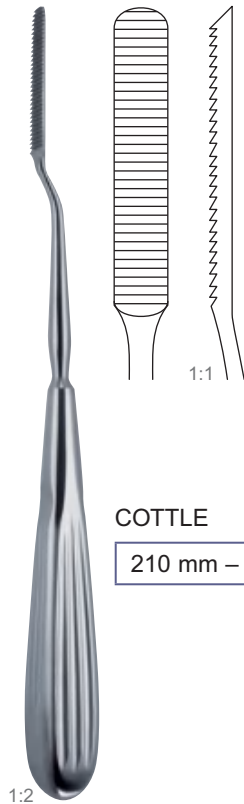
14-369-001



1:2

14-369-002

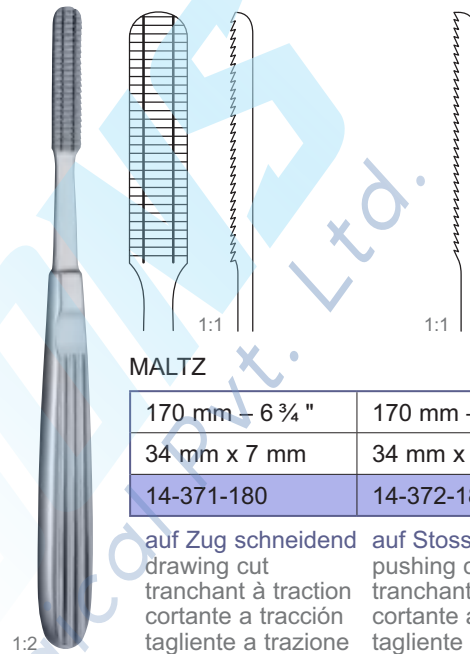
Nasenraspeln
Nasal rasps
Râpes nasales
Limas nasales
Raspe nasali



COTTLE

210 mm – 8 ¼ "

14-370-000



MALTZ

170 mm – 6 ¾ "

170 mm – 6 ¾ "

34 mm x 7 mm

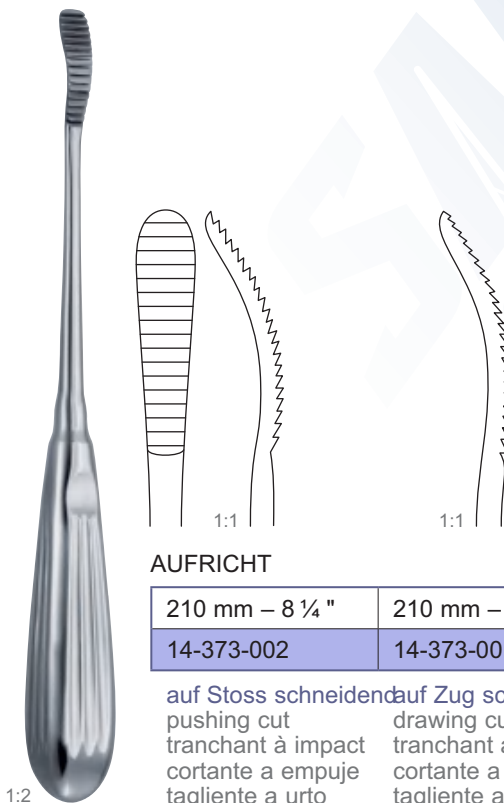
34 mm x 7 mm

14-371-180

14-372-180

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

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



AUFRICHT

210 mm – 8 ¼ "

210 mm – 8 ¼ "

14-373-002

14-373-001

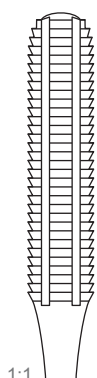
auf Stoss schneidend
pushing cut
tranchant à impact
cortante a empuje
tagliente a urto

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

Nasenraspeln
Nasal rasps
Râpes nasales
Limas nasales
Raspe nasali



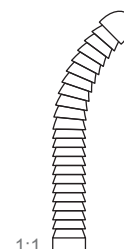
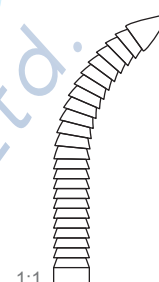
MALTZ



	40 mm x 9 mm
175 mm – 7 "	14-374-180



WIENER

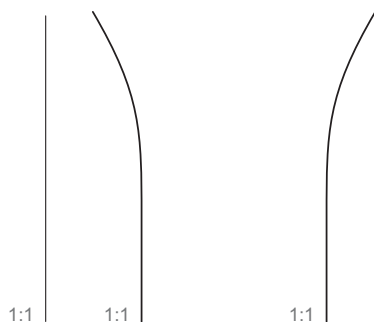


	Ø 3.5 mm	Ø 3.5 mm
180 mm – 7 "	14-375-180	14-375-190

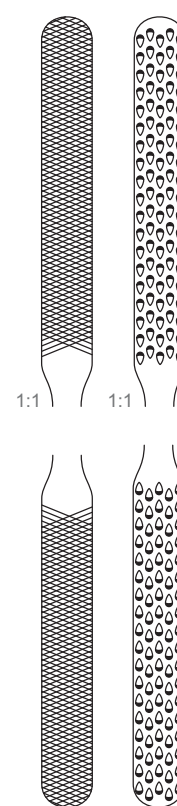
Antrum Raspeln
Antrum rasps
Râpes pour le fosse nasale
Limas para el antrum
Raspe per antrum



GALLAHER



160 mm – 6 ¼ "	160 mm – 6 ¼ "	160 mm – 6 ¼ "
14-376-160	14-378-160	14-377-160

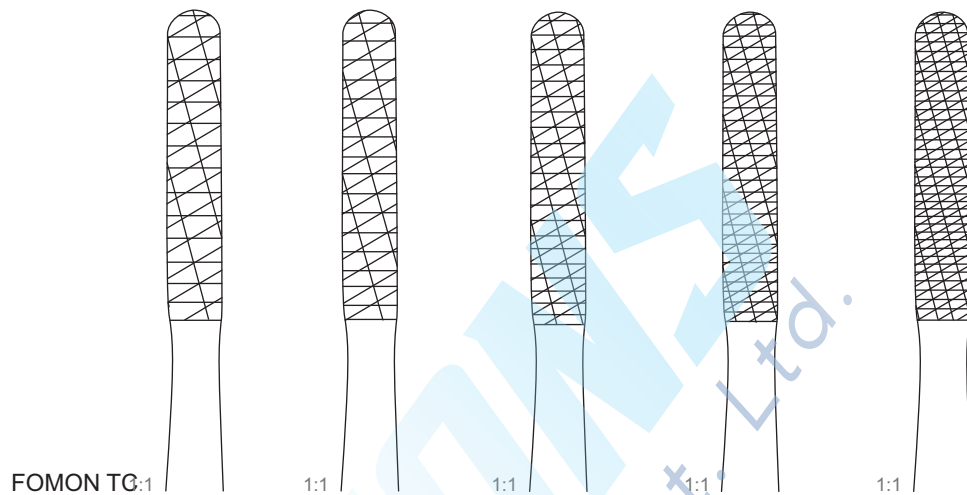


FOMON

210 mm – 8 ¼ "
14-379-210

Raspeln mit Hartmetall
Rasps with tungsten carbide

Râpes avec inserts de carbure de tungstène
Limas con carburo de tungsteno
Raspe con tungsteno

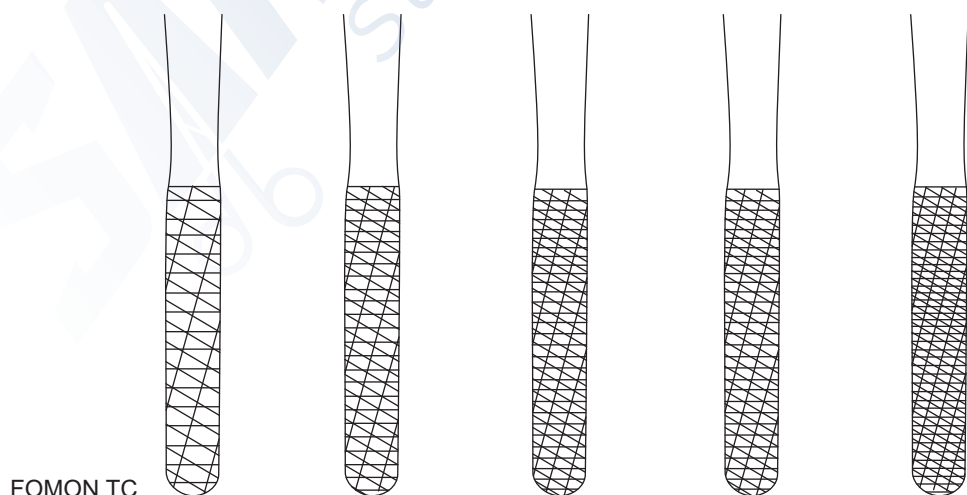


FOMON TC:1

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

Zähne
Teeth
Dentes
Dientes
Denti

200 mm – 8"	14-380-010	14-380-030	14-380-050	14-380-070	14-380-090
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FOMON TC

TC	TC	TC	TC	TC
Fig. 2	Fig. 4	Fig. 6	Fig. 8	Fig. 10
14	20	30	44	62

Zähne
Teeth
Dentes
Dientes
Denti

Septuminstrumente
Septum instruments

Instruments pour la cloison nasal
Instrumentos para el tabique nasal
Strumenti per il setto nasale



1:2

BRUENINGS-BRUNK

190 mm – 7 ½" 14-381-190

Kieferhöhlenhaken, gezahnt
Antrum retractor, serrated
Ecarteur pour sinus maxillaire, dentelé
Separador para sinus, dentado
Retrattore mascellare, dentato



1:2

RITTER-HALLE

	160 mm – 6 ¼"
2.5 mm Ø	14-382-250
3.0 mm Ø	14-382-300
4.0 mm Ø	14-382-400
5.0 mm Ø	14-382-500

Stirnhöhlen-Dilatatoren
Frontal sinus bougies
Dilatateurs pour le sinus frontal
Dilatadores para el sinus frontal
Dilatatore per il seno frontale



COTTLE 1:2

120 mm – 4 ¾" 14-383-010

Griff
Handle
Manche
Mango
Manico



COTTLE 1:2

7 mm 14-383-020

Führungshilfe für Osteotome
Guide support for osteotomes
Support conducteur pour ostéotomes
Soporte de guía para osteótomos
Supporto di guida per osteotomi



COTTLE 1:2

65 mm x 30 mm x 30 mm 14-384-000

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



1:2

Septumzangen
Septum forceps

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



1:2

COTTLE-WALSHAM 1:2

230 mm – 9 "

14-385-001

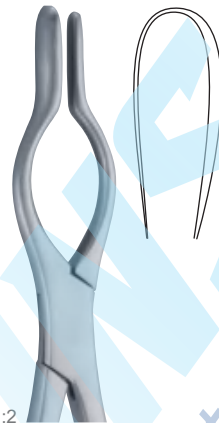
gerade
straight
droit
recta
rette



1:2

14-385-002

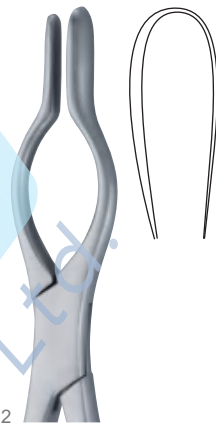
links
left
à gauche
izquierda
a sinistra



1:2

14-385-003

rechts
right
à droite
derecha
a destra



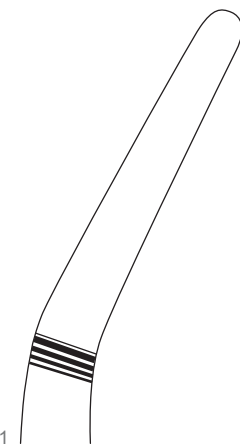
1:2

ASCH

230 mm – 9 "

14-386-230

1:1



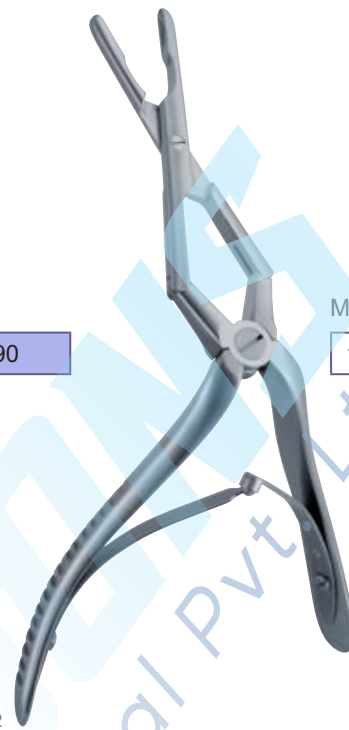
Septumzangen
Septum forceps

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



MIDDLETON-JANSEN:1

190 mm – 7 ½ " 14-387-190



MIDDLETON-JANSEN:1

190 mm – 7 ½ " 14-388-190



CAPLAN

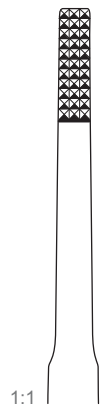
200 mm – 8 " 14-389-200

gezahnt
toothed
dentelée
dentado
dentato



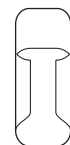
RUBIN

210 mm – 8 ¼ " 14-390-210



14-391-010

Schutzkappe
Protection Cap
Capuchon protecteur
Capuchon protectora
Calotta protettiva



Ringmesser
Adenoid curettes

Couteaux à végétations adénoïdes
Cuchillos para vegetaciones adenoides
Adenotomi



1:2

ST. CLAIR-
THOMSON



1:1



1:1



1:1



1:1

210 mm – 8 ¼ "	14-392-001	14-392-002	14-392-003	14-392-004
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1:2

BARNHILL



1:1



1:1



1:1



1:1

	Fig. 1	Fig. 2	Fig. 3	Fig. 4
220 mm – 8 ¾ "	14-393-010	14-393-020	14-393-030	14-393-040

Ringmesser
Adenoid curettes

Couteaux à végétations adénoïdes
Cuchillos para vegetaciones adenoides
Adenotomi



1:2

1:2

BECKMANN



1:1



1:1



1:1

220 mm – 8 ¾ "	14-394-001	14-394-002	14-394-003
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gerade
straight
droit
recto
rette

220 mm – 8 ¾ "	14-395-010	14-395-020	14-395-030
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gebogen
curved
courbe
curvo
curve



1:1



1:1



1:1

220 mm – 8 ¾ "	14-394-004	14-394-005	14-394-006
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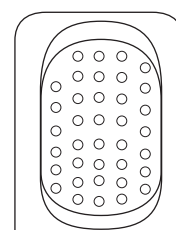
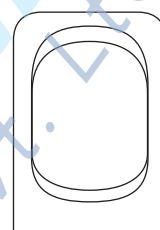
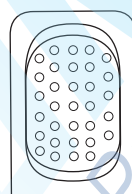
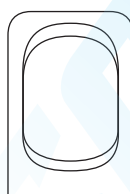
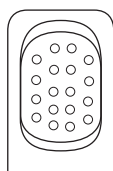
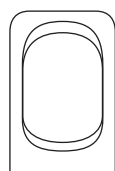
gerade
straight
droit
recto
rette

220 mm – 8 ¾ "	14-395-040	14-395-050	14-395-060
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gebogen
curved
courbe
curvo
curve

Ringmesser
Adenoid curettes

Couteaux à végétations adénoïdes
Cuchillos para vegetaciones adenoides
Adenotomi



LA FORCE

Fig. 1		Fig. 2		Fig. 3	
250 mm – 7 "		250 mm – 7 "		250 mm – 7 "	
14-397-010	14-396-001	14-397-020	14-396-002	14-397-030	14-396-003

14-398-010	14-399-001	14-398-020	14-399-002	14-398-030	14-399-003
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Ersatzklingen
Spare blades
Lames de rechange
Hojas de cambio
Lame di ricambio

1:2

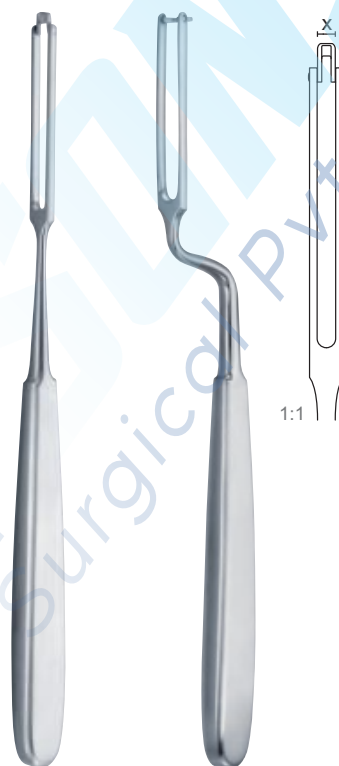
Ringmesser

Adenoid curettes

Couteaux à végétations adénoïdes

Cuchillos para vegetaciones adenoides

Adenotomi



BALLENGER

	200 mm – 8 "	200 mm – 8 "
x = 3 mm	14-400-003	14-401-003
x = 4 mm	14-400-004	14-401-004
x = 5 mm	14-400-005	14-401-005

gerade
straight
droit
recto
rette

bajonett
bayonet
baionette
bayoneta
baionetta

Pulverbläser
Atomizers
Pulvérisateurs
Pulverizadores
Insoffiatori



1:2

KABERSKE

14-404-000	14-402-010	14-402-500
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Pulverbläser, komplet Ersatzflasche, 30 ccm Ventilball
Atomizer, complete Spare bottle, 30 ccm Valve rubber bulb
Pulvérisateur, complet Flacon de rechange, 30 ccm Poire en caoutchouc avec valve
Pulverizador, completo Frasco suelto, 30 ccm Pera de goma con valva
Insoffiatores, completo Bottiglia di ricambio, 30 ccm Pallone in gomma con valva

KABERSKE

80 mm – 3 1/4"	14-402-080	
110 mm – 4 1/4"	14-402-110	
130 mm – 5"		14-402-130

Kanüle gerade Kanüle gebogen
Cannula, straight Cannula curved
Canule droit Canule courbe
Cánula recta Cánula curva
Cannula retta Cannula curva



UNIVERSAL

1:2

14-403-000

Pulverbläser, komplett mit beweglicher Düse, Flasche 30 ccm
Atomizer, complete with movable tube, bottle 30 ccm
Pulvérisateur, complet avec tuyère mobile, flacon 30 ccm
Pulverizador, completo con tubo móvil, botella 30 ccm
Insoffiatores, completo con ugello mobile, bottiglia 30 ccm

Pulverbläser
Atomizers
Pulvérisateurs
Pulverizadores
Insoffiatori



POLITZER 1:2

14-405-000

komplett mit 3 Nasenoliven
complete with 3 nasal olives
complet avec 3 olives nasales
completo con 3 olivas nasales
completo con 3 olive nasali



15 mm Ø
14-405-150

Nasenoliven
Nasal olives
Olives nasales
Olivas nasales
Olive nasali



17 mm Ø
14-405-170



22 mm Ø
14-405-220



4 mm Ø
14-405-040

Ohrolive
Ear olive
Olive auriculaire
Oliva auricular
Oliva auricolare

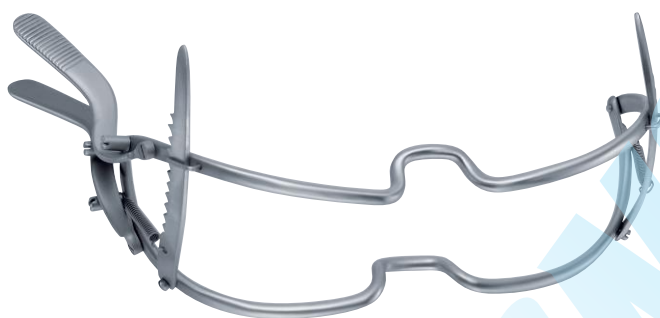
14-405-350

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

14-405-030

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

Mundsperrer
Mouth gags
Ouvre-bouches
Abrebocas
Apribocca



WHITEHEAD

110 mm – 4 1/4 "	14-406-110
130 mm – 5 "	14-406-130
150 mm – 6 "	14-406-150



JENNINGS

90 mm – 3 1/2 "	14-407-090
110 mm – 4 1/4 "	14-407-110
130 mm – 5 "	14-407-130
150 mm – 6 "	14-407-150



MAUNDER

1:2

	4 mm Ø
100 mm – 4 "	14-408-100

Holz
Wood
Bois
Madera
Legno



HEISTER

1:2

130 mm – 5 "	14-409-130
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Mundsperrer
Mouth gags
Ouvre-bouches
Abrebocas
Apribocca



MOLT 1:2

110 mm – 4 ¼" 14-410-110

Für Kinder
For children
Pour enfants
Para niños
Per bambini



MOLT 1:2

140 mm – 5 ½" 14-410-140

Für Erwachsene
For adults
Pour adultes
Para adultos
Per adulti



DENHART 1:2

120 mm – 4 ¾" 14-411-120



FERGUSON-ACKI 1:2

145 mm – 5 ¾" 14-412-145



ROSER-KÖNIG 1:2

160 mm – 6 ¼" 14-413-160

190 mm – 7 ½" 14-413-190

Mundsperrer
Mouth gags
Ouvre-bouches
Abrebocas
Apribocca



DINGMANN

1:3

145 mm – 5 ¾"	14-414-000	14-414-090
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Komplett mit Rahmen, 3 Zungenspateln und 2 beweglichen Seitenschwämmen
Complete with frame, 3 tongue depressors and 2 adjustable lateral sponges
Complet avec cadre, 3 abaisse-langues et 2 valves latérales réglables
Completo con bastidor, 3 bajalenguas y 2 valvas laterales ajustables
Completo con telaio, 3 abassalingua e 2 valve laterali movibili



55 x 25 mm	14-414-010
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60 x 27 mm	14-414-020
------------	------------



70 x 30 mm	14-414-030
------------	------------

Mundsperrer
Mouth gags
Ouvre-bouches
Abrebocas
Apribocca



KILNER-DOUGHTY

Fig. 1	Fig. 2	Fig. 3	
28 mm x 65 mm	32 mm x 75 mm	37 mm x 80 mm	
14-415-010	14-415-020	14-415-030	14-415-100

Griff
Handle
Manche
Mango
Manico

14-415-000	x	x	x	x
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komplett
complete
compl
completa
completa

Mundsperrer
Mouth gags
Ouvre-bouches
Abrebocas
Apribocca



NEGUS

Fig. 1	Fig. 2	Fig. 3	
32 mm x 85 mm	31 mm x 78 mm	28 mm x 70 mm	
14-416-010	14-416-020	14-416-030	14-416-100

Griff
Handle
Manche
Mango
Manico

14-416-000	x	x	x	x
------------	---	---	---	---

komplett
complete
compl
completa
completa

Mundsperrer
Mouth gags
Ouvre-bouches
Abrebocas
Apribocca



DAVIS-BOYLE

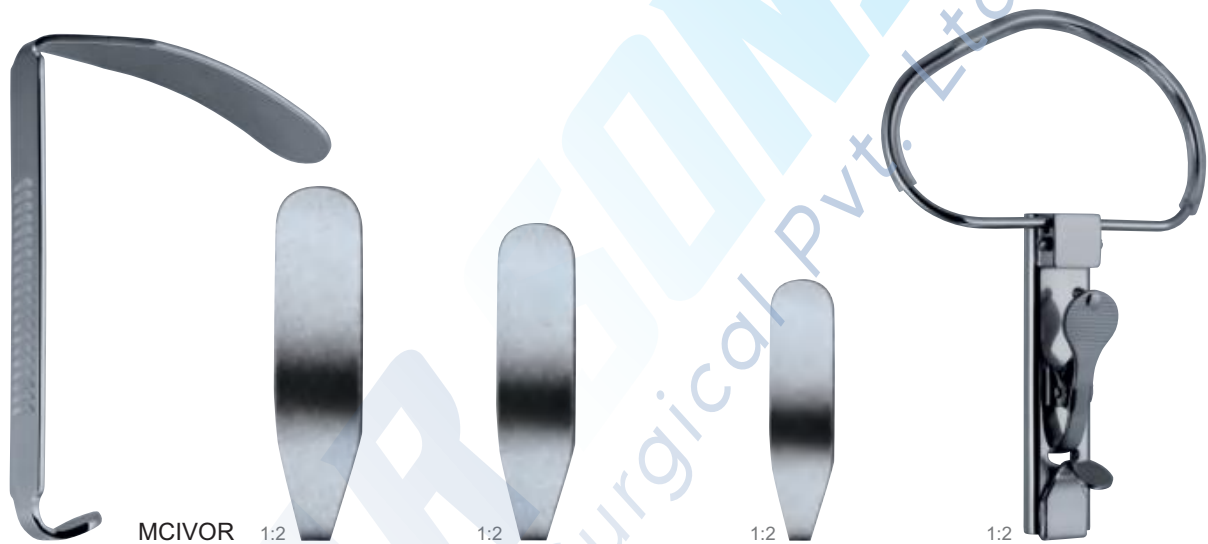
Fig. 1	Fig. 2	Fig. 3	Fig. 4	Fig. 5	
14-417-001	14-417-002	14-417-003	14-417-004	14-417-005	14-418-000
21 mm x 26 mm	23 mm x 65 mm	24 mm x 80 mm	25 mm x 93 mm	26 mm x 108 mm	

Griff
Handle
Manche
Mango
Manico

14-419-000	x	x	x	x	x
------------	---	---	---	---	---

komplett
complete
compl
completa
completa

Mundsperrer
Mouth gags
Ouvre-bouches
Abrebocas
Apribocca



MCIVOR 1:2	1:2	1:2	1:2
Fig. 1	Fig. 2	Fig. 3	
14-420-010	14-420-030	14-420-020	14-420-100
27 mm x 95 mm	22 mm x 85 mm	22 mm x 70 mm	

Griff
Handle
Manche
Mango
Manico

14-420-000	x	x	x	x
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komplett
complete
compl
completa
completa

Kehlkopfspiegel
Laryngeal mirrors
Miroirs laryngiens
Espejos laríngeos
Specchi laringei



Fig. 00	8 mm Ø	14-421-008
Fig. 0	10 mm Ø	14-421-010
Fig. 1	12 mm Ø	14-421-012
Fig. 2	14 mm Ø	14-421-014
Fig. 3	16 mm Ø	14-421-016
Fig. 4	18 mm Ø	14-421-018
Fig. 5	20 mm Ø	14-421-020
Fig. 6	22 mm Ø	14-421-022
Fig. 7	24 mm Ø	14-421-024
Fig. 8	26 mm Ø	14-421-026
Fig. 9	28 mm Ø	14-421-028
Fig. 10	30 mm Ø	14-421-030



100 mm – 4 " 14-422-000

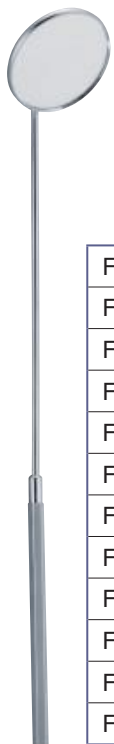


Fig. 00	8 mm Ø	14-423-008
Fig. 0	10 mm Ø	14-423-010
Fig. 1	12 mm Ø	14-423-012
Fig. 2	14 mm Ø	14-423-014
Fig. 3	16 mm Ø	14-423-016
Fig. 4	18 mm Ø	14-423-018
Fig. 5	20 mm Ø	14-423-020
Fig. 6	22 mm Ø	14-423-022
Fig. 7	24 mm Ø	14-423-024
Fig. 8	26 mm Ø	14-423-026
Fig. 9	28 mm Ø	14-423-028
Fig. 10	30 mm Ø	14-423-030



MICHEL

	250 mm – 9 3/4 "	
10 mm Ø	14-424-100	14-424-010
12 mm Ø	14-424-120	14-424-012
14 mm Ø	14-424-140	14-424-014
16 mm Ø	14-424-160	14-424-016
18 mm Ø	14-424-180	14-424-018

Spiegel beweglich
moveable mirror
miroir mobile
espejo movable
specchio mobile

Spiegel alleine
mirror only
miroir seul
espejo sólo
specchio solo

Kehlkopfinstrumente
Laryngeal instruments
Instruments laryngiens
Instrumentos laríngeos
Strumenti laringei

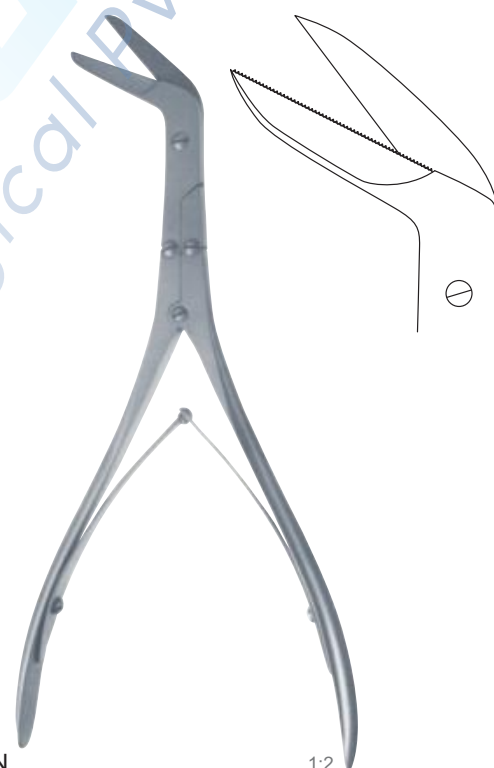


REICHERT

1:2

230 mm – 9 "

14-425-240



KILLIAN

1:2

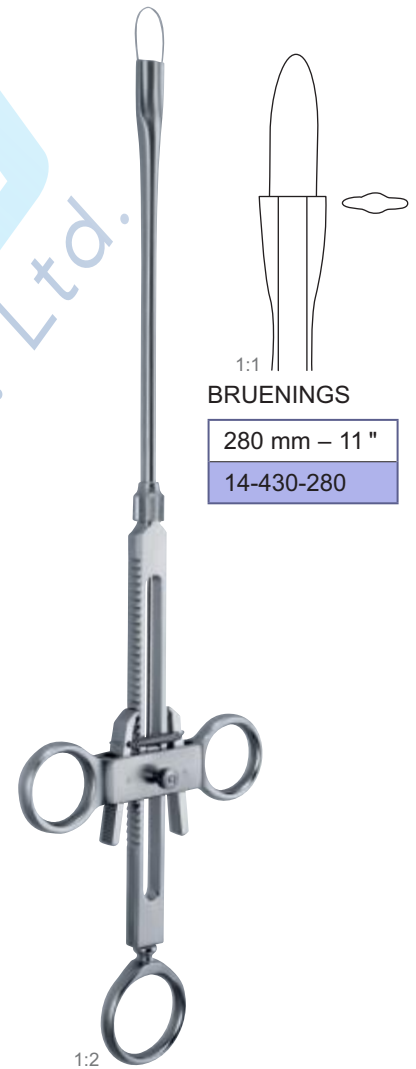
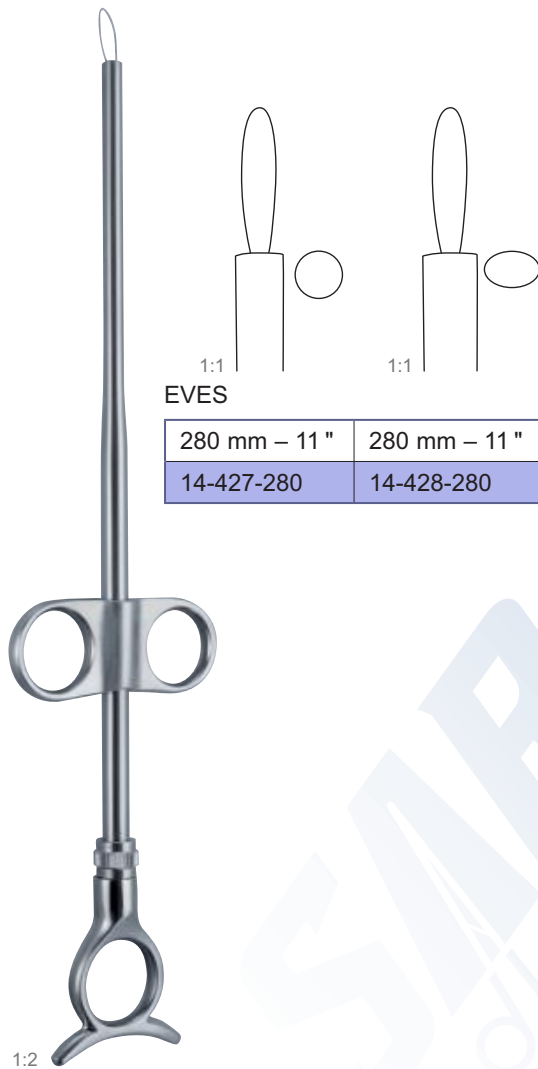
200 mm – 8 "

14-426-210

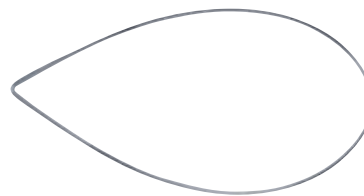
Laryngofissurschere
Laryngotomy scissors
Ciseaux laryngiens
Tijera laringea
Forbici laringee

Tonsillenschnürer
Tonsils snares

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



	10 m – 33 ft.
0.3 mm Ø	14-431-300
0.4 mm Ø	14-431-400

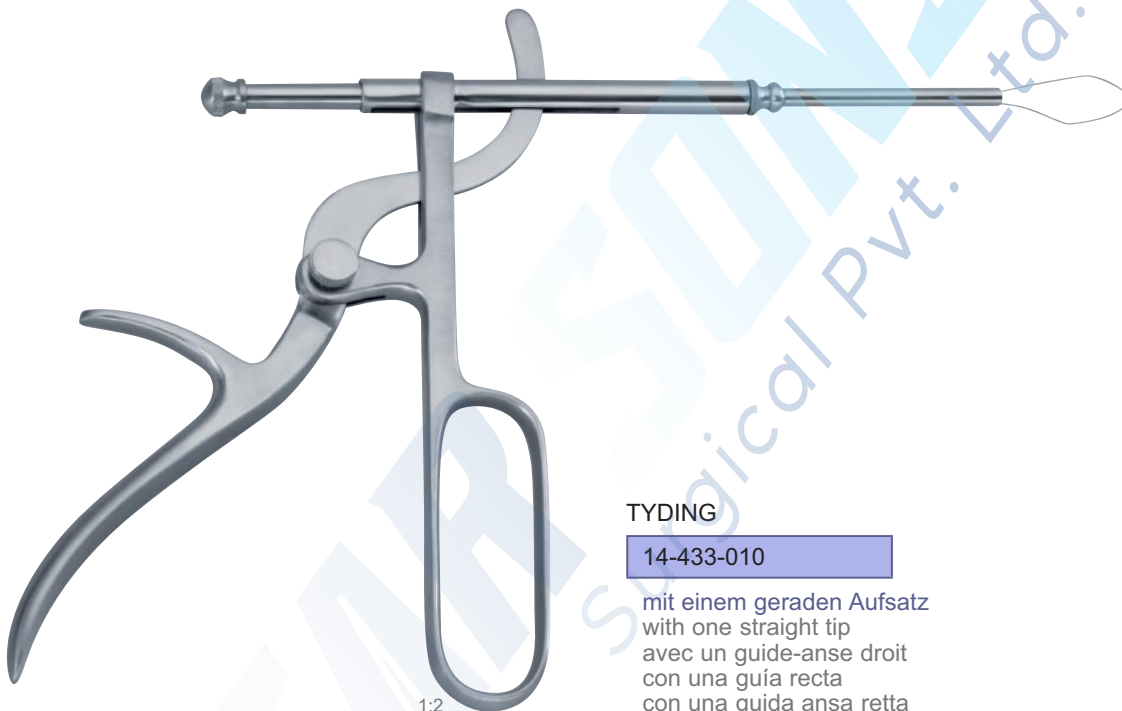


40 mm	14-432-400
50 mm	14-432-500

Packung mit 100 Stück
package of 100 pieces
paquet 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

14-433-010

mit einem geraden Aufsatz
with one straight tip
avec un guide-anse droit
con una guía recta
con una guida ansa retta



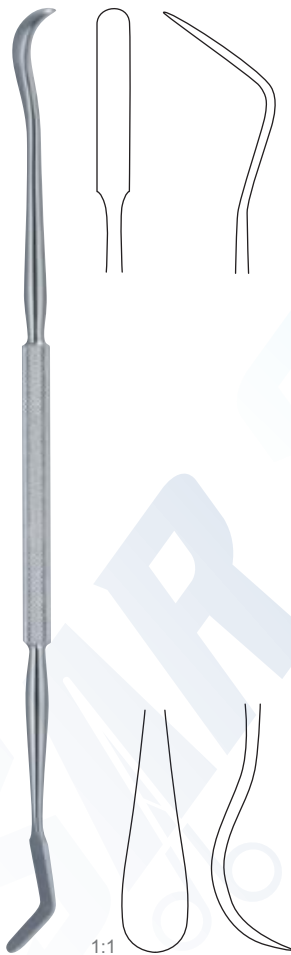
0.4 mm Ø x 10 cm

14-434-003

Packung mit 100 Stück
package of 100 pieces
paquet 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 – 9 ¾ "

14-435-250

Enukleator
Enucleator
Enucléateur pour amygdales
Enucleador para amígdalas
Enucleatore



LUNIATSCHEK

1:2

1:1

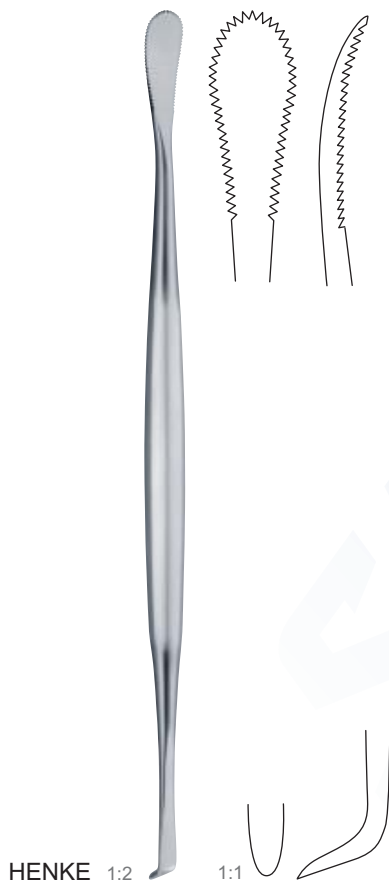
180 mm – 7 "

14-436-001

Tonsillen-Tamponstopfer
Tonsils tampon plugger
Porta coton
Porta algodones
Porta tamponi

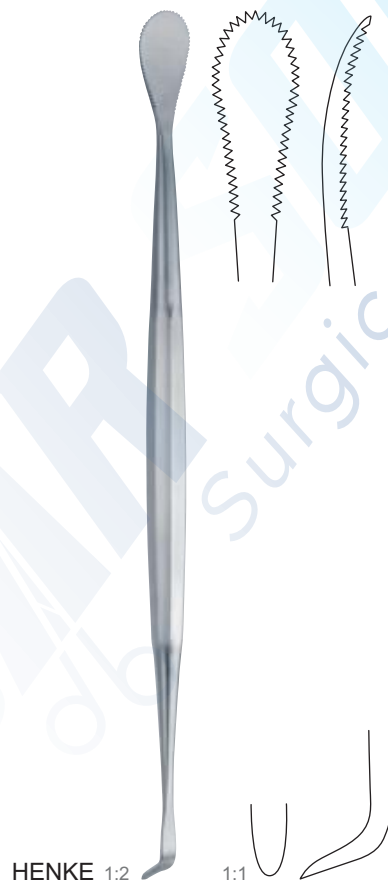
Tonsilleninstrumente
Tonsils instruments

Instruments pour amygdales
Instrumentos para amígdalas
Strumenti per tonsille



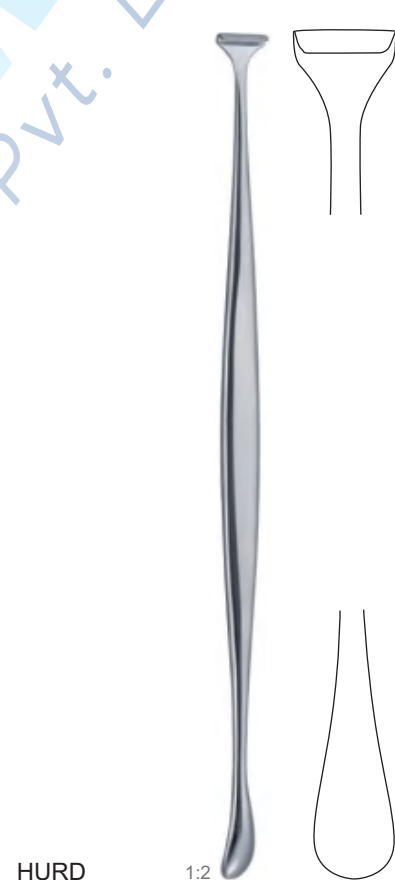
HENKE 1:2 1:1
230 mm – 9" 14-437-230

Tonsillendisektor
Tonsils dissector
Dissecteur à amygdales
Disector para amígdalas
Dissettore tonsillare



HENKE 1:2 1:1
230 mm – 9" 14-438-230

Tonsillendisektor
Tonsils dissector
Dissecteur à amygdales
Disector para amígdalas
Dissettore tonsillare



HURD 1:2 1:1
225 mm – 8 ¾" 14-439-220

Tonsillendisektor
Tonsils dissector
Dissecteur à amygdales
Disector para amígdalas
Dissettore tonsillare

Tonsilleninstrumente
Tonsils instruments

Instruments pour amygdales
Instrumentos para amígdalas
Strumenti per tonsille



LEWIS

1:2

195 mm – 7 ¾" 14-440-190

Tonsillenschraube
Tonsils screw
Tire amygdales
Tira amígdalas
Fissa tonsille



MARSCHIK

1:2

220 mm – 8 ¾" 14-441-220

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



1:1



1:2

BLOHMKE

200 mm – 8" 14-442-200



1:1

Tonsillieninstrumente
Tonsils instruments

Instruments pour amygdales
Instrumentos para amígdalas
Strumenti per tonsille



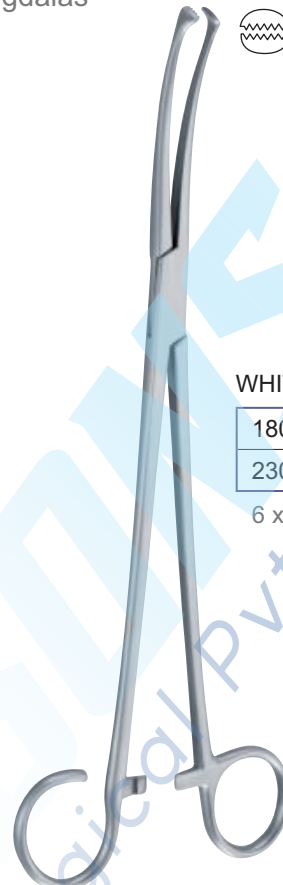
1:2

COLVER

190 mm – 7 ½ "	14-443-190
190 mm – 7 ½ "	14-444-190

gerade
straight
droit
recto
rette

gebogen
curved
courbe
curva
curva



WHITE

180 mm – 7 "	14-445-180
230 mm – 9 "	14-445-230

6 x 5



1:2

JACKSON

220 mm – 8 ¾ "	14-446-220
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Kehlkopfpinzette
Laryngeal forceps
Pince laryngienne
Pinza laringea
Pinza laringea



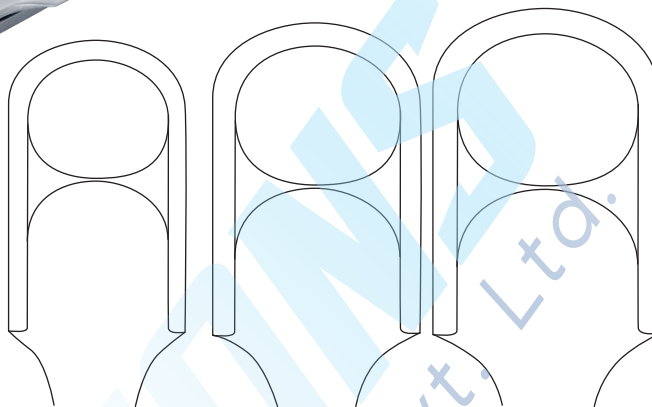
1:2

MUSEUX

200 mm – 8 "	14-447-200
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Tonsillen-Fasszange
Tonsils holding forceps
Pince pour amygdales
Pinza para amígdalas
Pinza per tonsille

Tonsillotome
Tonsillectomes
Amygdalatomes
Amigdalótomos
Tonsillotomi



SLUDER-BALLENGER

Fig. 1	Fig. 2	Fig. 3	
14-448-001	14-448-002	14-448-003	14-449-000

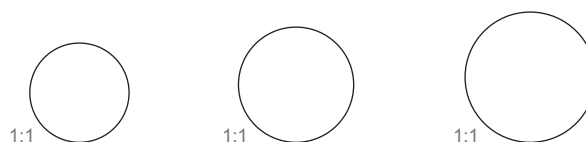
Griff
Handle
Manche
Mango
Manico

14-450-003	x	x	x	x
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komplett
complete
compl
completa
completa



HARTMANN



	13 mm Ø	15 mm Ø	17 mm Ø
x = 120 mm	14-451-013	14-451-015	14-451-017

Trachealdilatatoren

Trachea dilators

Dilatateurs pour la trachéotomie

Dilatadores para la traqueotomía

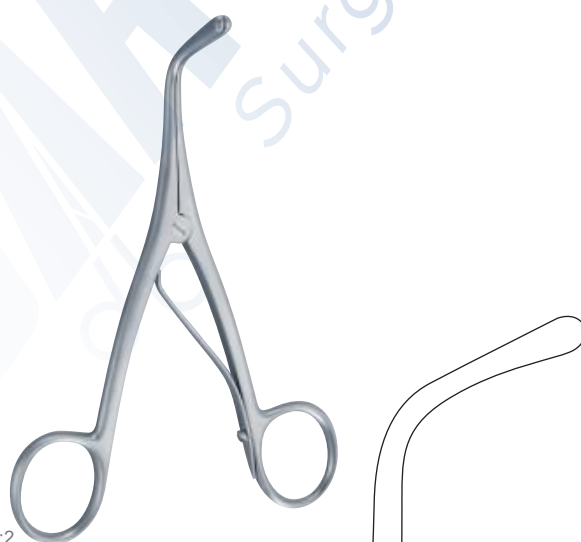
Dilatatori tracheali



LABORDE 1:2

140 mm – 5 ½ "

14-452-140



1:2
TROUSSEAU

140 mm – 5 ½ "

1:1
14-453-140

Trachealkanülen
Trachea tubes

Canules pour la trachéotomie
Cánulas para la tráquea
Cannule tracheali



LUER STANDARD

Fig. 0	4 mm Ø	14-454-004
Fig. 1	5 mm Ø	14-454-005
Fig. 2	6 mm Ø	14-454-006
Fig. 3	7 mm Ø	14-454-007
Fig. 4	8 mm Ø	14-454-008
Fig. 5	9 mm Ø	14-454-009
Fig. 6	10 mm Ø	14-454-010
Fig. 7	11 mm Ø	14-454-011
Fig. 8	12 mm Ø	14-454-012
Fig. 9	13 mm Ø	14-454-013

Neusilber
German silver
Maillechort
Plata alemana
Argentone



1:2

UCKERMANN

	8 mm Ø	10 mm Ø
130 mm – 5 "	14-456-008	14-456-010



CHEVALIER-JACKSON

Fig. 0	4 mm Ø	14-455-004
Fig. 1	5 mm Ø	14-455-005
Fig. 2	6 mm Ø	14-455-006
Fig. 3	7 mm Ø	14-455-007
Fig. 4	8 mm Ø	14-455-008
Fig. 5	9 mm Ø	14-455-009
Fig. 6	10 mm Ø	14-455-010
Fig. 7	11 mm Ø	14-455-011
Fig. 8	12 mm Ø	14-455-012
Fig. 9	13 mm Ø	14-455-013

Neusilber
German silver
Maillechort
Plata alemana
Argentone

Kropffasszangen – Kropfsonden
Goitre grasping forceps – Goitre enucleator
Pincas à goitre – Spatules à goitre
Pinzas para coger el bocio – Son das para bocio
Pinze per gozzo – Sonde per gozzo



MASTIN 1:2

170 mm – 6 ½ "

14-458-170



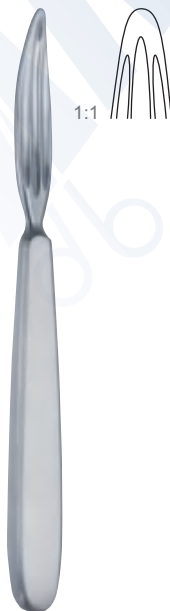
LAHEY

150 mm – 6 "

14-459-150

200 mm – 8 "

14-459-200



1:1



1:1



KOCHER

150 cm – 6 "

14-460-150

14-461-150

160 mm – 6 ¼ "

14-460-160

14-461-160

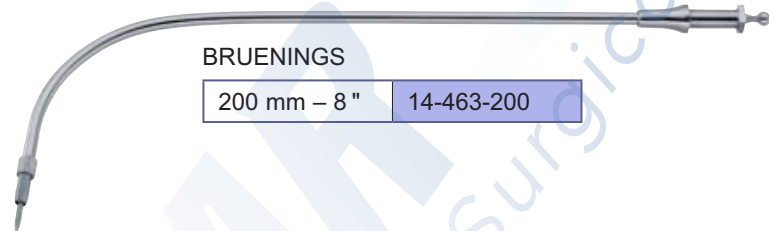
mit Loch
with hole
avec trou
con orificio
con foro

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



BRUENINGS

200 mm – 8 "	14-462-200
300 mm – 12 "	14-462-300
400 mm – 16 "	14-462-400
500 mm – 20 "	14-462-500
600 mm – 23 ½ "	14-462-600



BRUENINGS

200 mm – 8 "	14-463-200
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HUBER 1:2

14-464-000

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



1:1 SEIFFERT 1:1

14-465-000

BRUENINGS 1:1

14-466-000

14-466-001

14-466-002



1:1 1:1 1:1



1:1 LANGE 1:1

14-467-000



1:1 SCHEINMANN 1:1

14-468-000

BRUENINGS 1:1

14-469-001

14-469-002



1:1 KRAUSE 1:1 1:1

14-470-001

14-470-002



1:1 FRAENKEL 1:1

14-471-000



CORDES 1:1 1:1 1:1

14-472-001

14-472-002



1:1 KRAUSE 1:1

14-473-000

CORDES 1:1

14-474-001

14-474-002

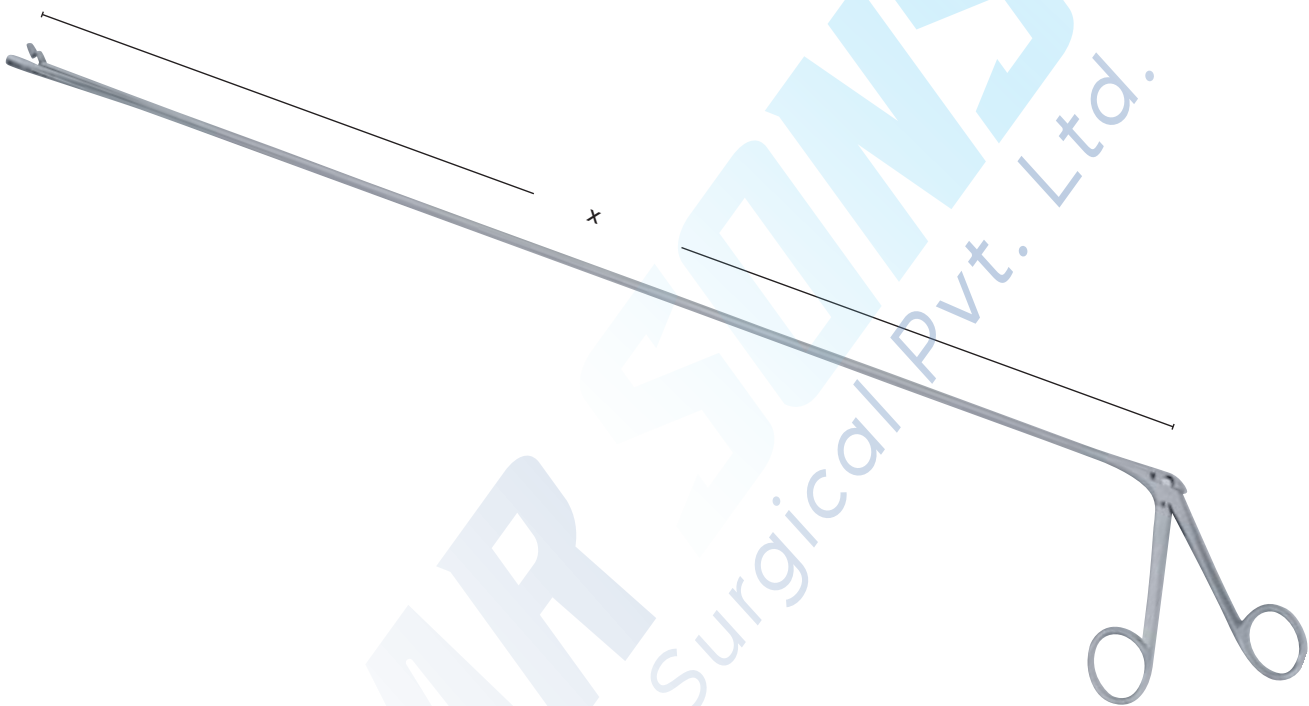
14-474-003

14-474-004



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

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

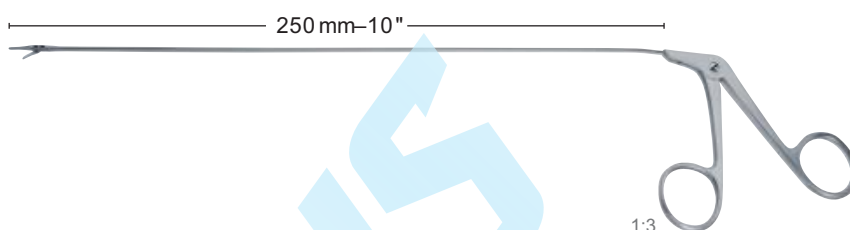


CHEVALIER-JACKSON	1:1 	1:1 	1:1 	1:1 
x = 300 mm – 12"	14-475-300	14-476-300	14-477-300	14-478-300
x = 400 mm – 16"	14-475-400	14-476-400	14-477-400	14-478-400
x = 500 mm – 20"	14-475-500	14-476-500	14-477-500	14-478-500
x = 600 mm – 23 ½"	14-475-600	14-476-600	14-477-600	14-478-600

	1:1 	1:1 	1:1 
x = 300 mm – 12"	14-479-300	14-480-300	14-481-300
x = 400 mm – 16"	14-479-400	14-480-400	14-481-400
x = 500 mm – 20"	14-479-500	14-480-500	14-481-500
x = 600 mm – 23 ½"	14-479-600	14-480-600	14-481-600

Mikro-Instrumente für Laryngo-Broncho-Oesophagoskopie
Micro-instruments for laryngo-broncho-oesophagocopy

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



	1:1	1:1	1:1	1:1	1:1
	14-482-004	14-482-021	14-482-023	14-482-006	14-482-005
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



14-482-020

aufgebogen
angled up
coudé en haut
curvada arriba
curvata in alto

	1:1	1:1	1:1	1:1	1:1
	14-482-001	14-482-018	14-482-019	14-482-003	14-482-002
Alligatorzangen Alligator forceps Pincas 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

	1:1	1:1	1:1	1:1	1:1
2.5 mm ○	14-482-007	14-482-025	14-482-027	14-482-009	14-482-008
Löffelzangen Cup shaped forc. Pincas cures Pinzas cureta Pinze a cucchaio	gerade gerade droit recta retta	aufgebogen angled up coudé en haut curvada arriba curvata in alto	aufgebogen horizontal angled up horizontal coudé en haut coupe horizontal curvada arriba horizontal curvata in alto orizzontale	rechts gebogen curved right courbe à droite curvada a derecha curva a destra	links gebogen curved left courbe à gauche curvada a izquierda curva a sinistra



3 x 5 mm ○

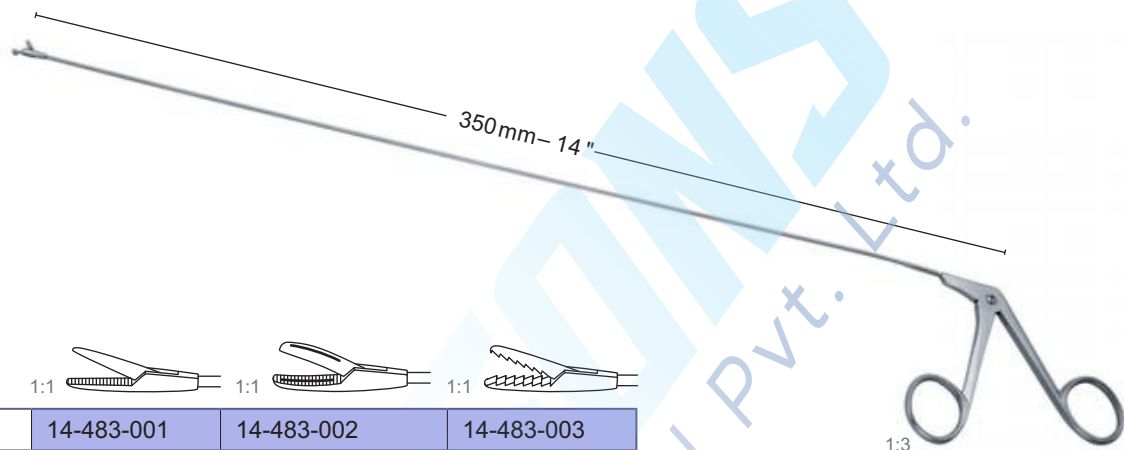
14-482-028

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-oesophagoscopie
Micro-instrumental para laringo-bronco-esofagoscopia
Micro-strumenti per laringo-bronco-esofagoscopia



1:1		1:1		1:1	
	14-483-001	14-483-002	14-483-003		
Fasszange	gerade, gerieft	gerade, gefenstert	gerade		
Grasping forceps	straight, serrated	straight, fenestrated	gerade		
Pince à saisir	droit, striée	droit, fenêtrée	droit		
Pinza agarre	recta, estriada	recta, fenestrada	recta		
Pinza da presa	retta, zigrinata	retta, fenestrata	retta		

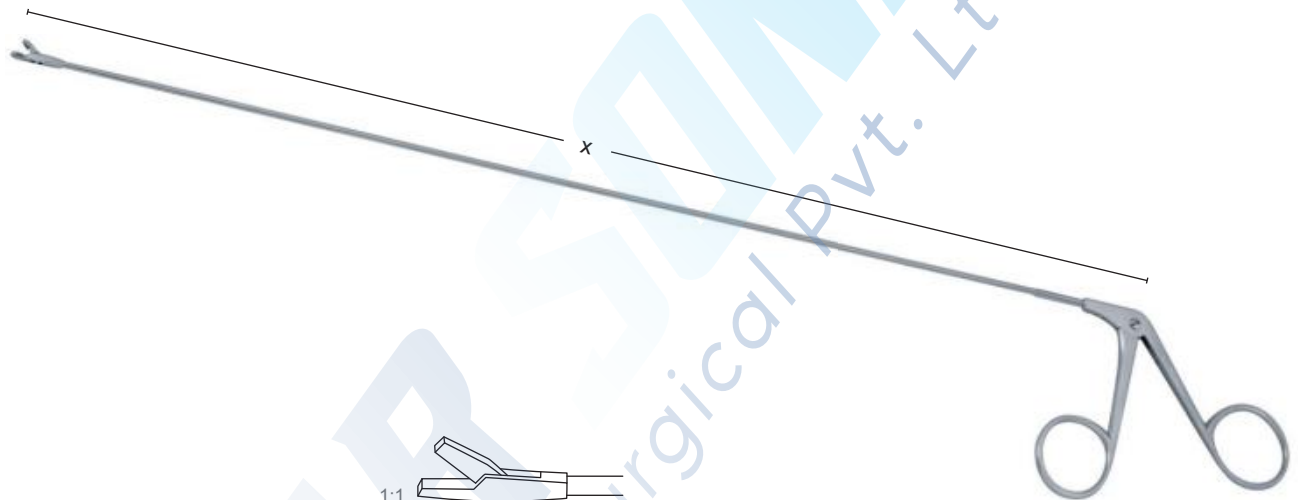
					
3 mm ○	14-483-010	14-483-012	14-483-013	14-483-015	14-483-017
Löffelzangen	gerade	aufgebogen	aufgebogen horizontal	rechts gebogen	links gebogen
Cup shaped forc.	gerade	angled up	angled up horizontal	curved right	curved left
Pinces curettes	droit	coudé en haut	coudé en haut coupe horizontal	courbe à droite	courbe à gauche
Pinzas cureta	recta	curvada arriba	curvada arriba horizontal	curvada a derecha	curvada a izquierda
Pinze a cucchaio	retta	curvata in alto	curvata in alto orizzontale	curva a destra	curva a sinistra

1:1	1:1
2 mm x 5 mm	3 mm x 5 mm
14-483-020	14-483-022
Löffelzangen	gerade
Cup shaped forc.	gerade
Pinces curettes	droit
Pinzas cureta	recta
Pinze a cucchaio	retta

1:1
14-483-024
Universalzange
Universal forceps
Pince universelle
Pinza universal
Pinza universale

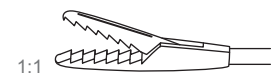
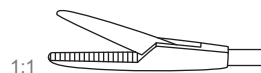
Mikro-Instrumente für Laryngo-Broncho-Oesophagoskopie
Micro-instruments for laryngo-broncho-oesophagocopy

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



x = 400 mm – 16"	14-484-002
x = 500 mm – 20"	14-485-002
x = 600 mm – 23 ½"	14-486-002

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



x = 400 mm – 16"	14-484-004	14-484-006	14-484-008
x = 500 mm – 20"	14-485-004	14-485-006	14-485-008
x = 600 mm – 23 ½"	14-486-004	14-486-006	14-486-008

Fasszange
Grasping forceps
Pince à saisir
Pinza agarre
Pinza da presa

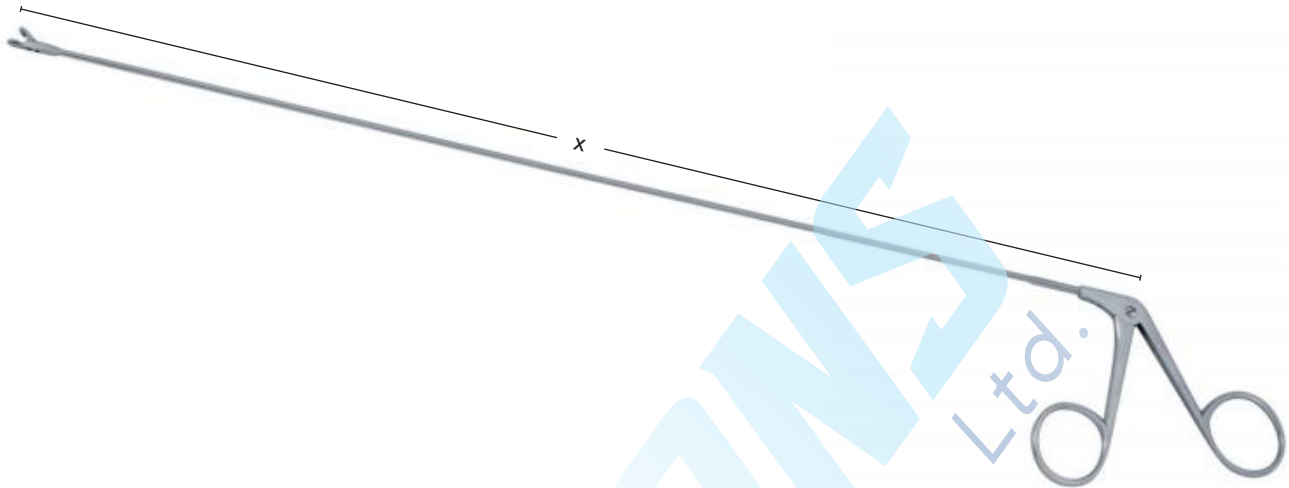
gerade, gerieft
straight, serrated
droit, striée
recta, estriada
retta, zigrinata

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-oesophagocopy

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 "	14-484-010	14-484-012	14-484-014	14-484-016
x = 500 mm – 20 "	14-485-010	14-485-012	14-485-014	14-485-016
x = 600 mm – 23 ½ "	14-486-010	14-486-012	14-486-014	14-486-016

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 "	14-484-018	14-484-020	14-484-022	14-484-024
x = 500 mm – 20 "	14-485-018	14-485-020	14-485-022	14-485-024
x = 600 mm – 23 ½ "	14-486-018	14-486-020	14-486-022	14-486-024

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

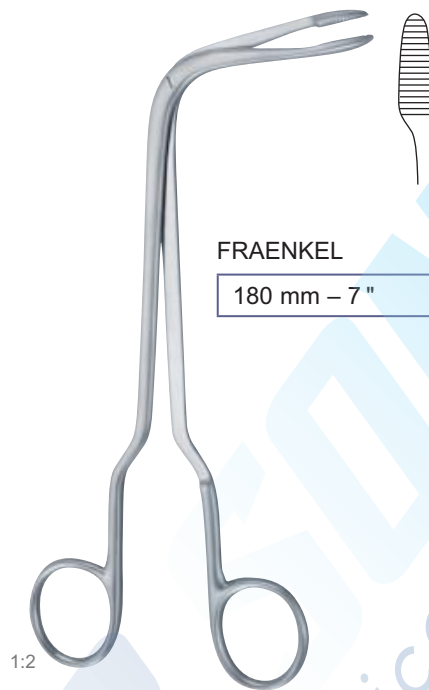


x = 400 mm – 16 "	14-484-030
x = 500 mm – 20 "	14-485-030
x = 600 mm – 23 ½ "	14-486-030

Universalzange
Universal forceps
Pince universelle
Pinza universal
Pinza universale

gerade
gerade
droit
recta
retta

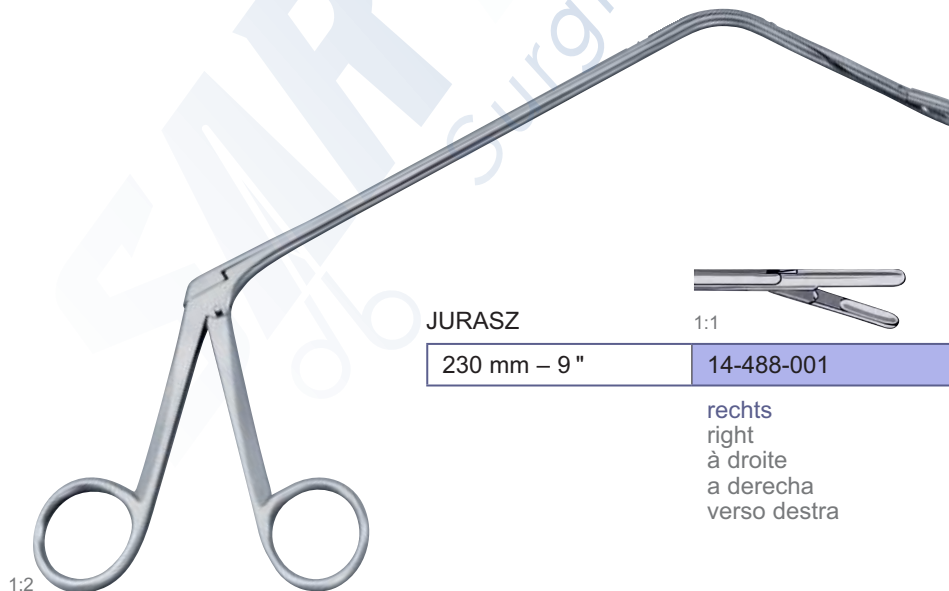
Kehlkopfpolypenzangen
Laryngeal polypus forceps
Pinces à polypes laryngiens
Pinzas para pólipos laríngeos
Pinze per polipi laringei



FRAENKEL

180 mm – 7 "

14-487-180



JURASZ

230 mm – 9 "



1:1



1:1

rechts
right
à droite
a derecha
verso destra

links
left
à gauche
a izquierda
verso sinistra



1:1



1:1

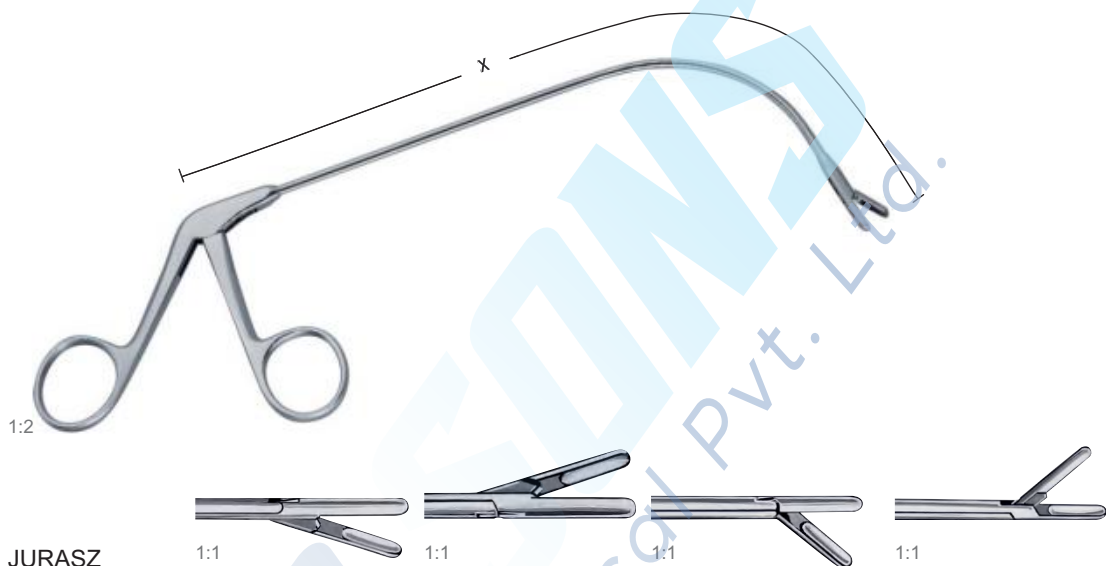
14-488-003

14-488-004

nach unten
downwards
vers le bas
hacia abajo
verso basso

nach oben
upwards
vers le haut
hacia arriba
verso alto

Kehlkopfpolypenzangen
Laryngeal polypus forceps
Pincès à polypes laryngiens
Pinzas para pólipos laringeos
Pinze per polipi laringei



JURASZ

230 mm – 9"	14-489-001	14-489-002	14-489-003	14-489-004
	rechts right à droite a derecha verso destra	links left à gauche a izquierda verso sinistra	nach unten downwards vers le bas hacia abajo verso basso	nach oben upwards vers le haut hacia arriba verso alto



FRAENKEL

x = 170 mm – 6 ¾"	14-490-170
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beide Maulteile beweglich
both jaws articulated
les deux mâchoires mobiles
las dos mandíbulas móviles
ambedue i morsi mobili