HKH BROTHERS SURGICAL

ENT SURGICAL ESSENTIALS

Tools for Every ENT Challenge

- Premium Stainless Steel
- Precision Crafted
- Durable Performance
- Trusted by Professionals



SUPERIOR SURGICAL SOLUTIONS

Ohrspekula
Ear specula

Spéculums auriculaires
Espéculos auriculares
Specoli auricolari


1:1

TOYNBEE

	1:1 Fig. 1	1:1 Fig. 2	1:1 Fig. 3	1:1 Fig. 4
	4.5 mm Ø	5.5 mm Ø	6.5 mm Ø	7.5 mm Ø
36 mm – 1½"	14-101-450	14-101-550	14-101-650	14-101-750

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

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



RICHNAU
HOLMGREN

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

Ohrspekula
Ear specula

Spéculums auriculaires
Espéculos auriculares
Specoli auricolari


1:1

GRUBER

	1:1 Fig. 1	1:1 Fig. 2	1:1 Fig. 3	1:1 Fig. 4
	a = 4.5 mm	a = 5.5 mm	a = 6.5 mm	a = 7.5 mm
	14-103-450	14-103-550	14-103-650	14-103-750
14-104-003		x	x	x
14-104-004	x	x	x	x

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


1:1

GRUBER

	1:1 Fig. 1	1:1 Fig. 2	1:1 Fig. 3	1:1 Fig. 4
	4.5 mm Ø	5.5 mm Ø	6.5 mm Ø	7.5 mm Ø
	14-105-450	14-105-550	14-105-650	14-105-750
14-105-000	x	x	x	x

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


1:1

ZÖLLNER

	1:1 Fig. 1	1:1 Fig. 2	1:1 Fig. 3	1:1 Fig. 4	1:1 Fig. 5	1:1 Fig. 6
	5.5 x 6.5 mm	6.5 x 7.5 mm	7.5 x 8.5 mm	8.5 x 9.5 mm	9.5 x 10.5 mm	10.5 x 11.5 mm
	14-106-010	14-106-020	14-106-030	14-106-040	14-106-050	14-106-060
14-106-000	x	x	x	x	x	x

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


1:1

POLITZER

	1:1 Fig. 1	1:1 Fig. 2	1:1 Fig. 3	1:1 Fig. 4
	2 mm Ø	3 mm Ø	4 mm Ø	5 mm Ø
	14-107-100	14-107-110	14-107-120	14-107-130
14-107-030	x	x	x	
14-108-040	x	x	x	x

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

Ohrspekula
Ear specula
Spéculums auriculaires
Espéculos auriculares
Specoli auricolari


1:1

BOUCHERON 1:1 1:1 1:1 1:1

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

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


1:1

HARTMANN 1:1 1:1 1:1

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

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


1:1

HARTMANN 1:1 1:1 1:1 1:1

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

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


1:1

HARTMANN 1:1 1:1 1:1 1:1 1:1

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

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

Ohrspekula
Ear specula
Spéculums auriculaires
Espéculos auriculares
Specoli auricolari



SIEGLE

	Fig. 1	Fig. 2	Fig. 3		
	6.5 mm Ø	7.0 mm Ø	8.0 mm Ø		
	14-114-110	14-114-120	14-114-130	14-114-100	14-116-010
				Lupenkörper, allein Magnifyer, alone Loupe, seule Lupa, sola Lente, solo	Gebläse, allein Rubber bulb, alone Soufflerie, seule Insuflador, sola Soffieria, solo
14-115-003	x	x	x	x	x

Satz komplett
Set complete
Jeu complet
Juego completo
Serie completa



BRUENINGS

	Fig. 1	Fig. 2	Fig. 3	Fig. 4		
	6.5 mm Ø	7.5 mm Ø	8.5 mm Ø	9.5 mm Ø		
	14-116-110	14-116-120	14-116-130	14-116-140	14-116-050	14-116-010
					Lupenkörper, allein Magnifyer, alone Loupe, seule Lupa, sola Lente, solo	Gebläse, allein Rubber bulb, alone Soufflerie, seule Insuflador, sola Soffieria, solo
14-116-040	x	x	x	x	x	x

Satz komplett
Set complete
Jeu complet
Juego completo
Serie completa

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

	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

	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

Stimmgabeln
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 curettes
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

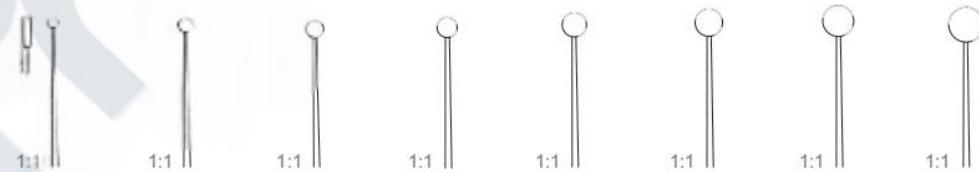


	Fig. 000	Fig. 00	Fig. 0	Fig. 1	Fig. 2	Fig. 3	Fig. 4	Fig. 5
165 mm – 6 ½"	14-127-001	14-127-002	14-127-003	14-127-010	14-127-020	14-127-030	14-127-040	14-127-050

scharf
sharp
tranchante
cortante
tagliente

Ohrküretten
Ear curettes
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 cucchiai taglienti



LANGENBECK

130 mm – 5 "
14-130-130

stumpf
blunt
mousse
roma
smussa



JANSEN

170 mm – 6 ¾ "
14-131-150

scharf
sharp
tranchante
cortante
acuta



GROSS

120 mm – 4 ¾ "	120 mm – 4 ¾ "
14-132-120	14-133-120
scharf, voll sharp, not fenestrated tranchante, pleine cortante,lleno acuta, pieno	stumpf, gefenstert blunt, fenestrated mousse, fenêtrée romas, fenestrada smussa, fenestrata



JANSEN

160 mm – 6 ¼ "
14-134-150

scharf
sharp
tranchante
cortante
acuta

Ohrschlingen – Häkchen
Ear loops – hooks
Anses – crochets auriculaires
Asas – ganchos auriculares
Anse – uncini auricolari



BILLEAU



165 mm – 6 ½"	14-135-001	14-135-002	14-135-003



LUCAE



140 mm – 5 ½"	14-136-001	14-136-002	14-136-003



WAGENER



140 mm – 5 ½"	14-138-010	14-138-020	14-138-030	14-138-040	14-137-050	14-137-060	14-137-070

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





DAY

160 mm – 6 ¼ "	314-115-010	314-115-020



MUCK

135 mm – 5 ¼ "	14-139-130



GERZOG-SEXTON

170 mm – 6 ¾ "	14-140-170

Parazentesenadeln
Paracentesis needles
Aiguilles de paracentèse
Agujas para paracéntesis
Aghi per paracentesi



POLITZER 1:1

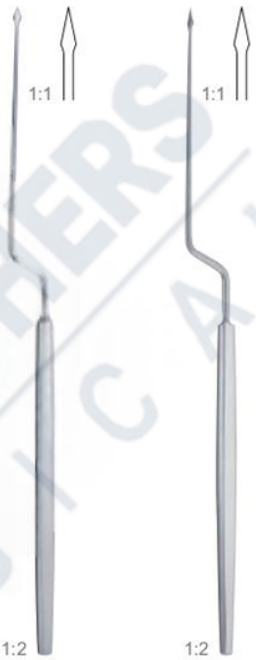
150 mm – 6 "
14-141-170

GERZOG 1:1

160 mm – 6 ¼ "
14-142-160

BUCK 1:1

160 mm – 6 ¼ "
14-143-160



LUCAE

180 mm – 7 "	14-144-180	14-145-180



LUCAE 1:2

190 mm – 7 ½ "
14-146-190



POLITZER 1:2

170 mm – 6 ¾ "
14-147-170



POLITZER 1:2

160 mm – 6 ¼ "	160 mm – 6 ¼ "
14-148-160	14-149-160
Nadel senkrecht Needle vertical Aiguille verticale Aguja vertical Ago verticale	Nadel waagrecht Needle horizontal Aiguille horizontale Aguja horizontal Ago orizzontale

Ohrpolypenschnürer
Ear polypus snares

Serre noeuds auriculaires
Polipótomos auriculares
Serranodi auricolari



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



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

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



KRAUSE 1:2

160 mm – 6 ¼ "	14-152-160



KRAUSE-VOSS 1:2

160 mm – 6 ¼ "	14-153-160



LANGE-WILDE 1:2

170 mm – 6 ¾ "	14-154-160

Ohrpolypenzangen
Ear polypus forceps
Pinces pour polypes auriculaires
Pinzas para pólipos auriculares
Pinze per polipi auricolari



LITTAUER

120 mm – 4 ¾ "	14-155-120



HARTMANN

120 mm – 4 ¾ "	14-156-120

feines Modell
delicate jaw
modèle fin
modelo fino
modello fino



HARTMANN

140 mm – 5 ½ "	14-156-140

normales Modell
normal jaw
modèle standard
modelo estandard
modello standard



QUIRE

105 mm – 4 ¼ "	14-157-100

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



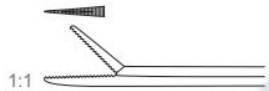
BUCK

115 mm – 4 ½ "	14-158-110

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

Ohrzängchen
Ear forceps
Pinces auriculaires
Pinzas auriculares
Pinze auricolari





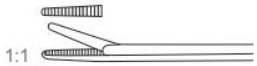
HARTMANN-WULLSTEIN

x = 85 mm – 3¼ "	14-159-085



HARTMANN-WULLSTEIN

	1 mm Ø
x = 85 mm – 3¼ "	14-160-085



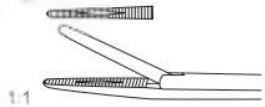
HARTMANN

x = 85 mm – 3¼ "	14-161-085
x = 140 mm – 5½ "	14-161-140
x = 160 mm – 6¼ "	14-162-160



HARTMANN

x = 85 mm – 3¼ "	14-163-085
x = 140 mm – 5½ "	14-163-140



HARTMANN-NOYES

x = 90 mm – 3½ "	14-164-090

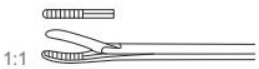
STRUEMPEL





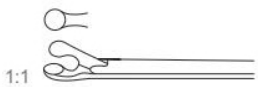


	x = 85 mm – 3¼ "
0°	14-165-085
45°	14-166-085
90°	14-167-085



HARTMANN-WEINGÄRTNER

x = 85 mm – 3¼ "	14-168-085



HARTMANN

	x = 85 mm – 3¼ "
2.0 mm Ø	14-169-020
2.5 mm Ø	14-169-025
3.0 mm Ø	14-169-030

Mikro-Ohrzängchen
Micro ear forceps

Micro pinces auriculaires
Micro-pinzas auriculares
Micro-pinze auricolari



MCGEE



3.5 mm x 0.8 mm	14-170-500

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

FULLER



80 mm – 3 ¼ "	14-171-080

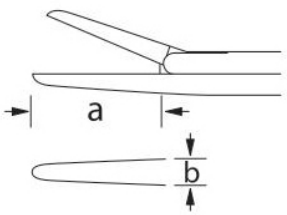
Einführungszängchen für Teflonprothesen
Introducing forceps for teflon prosthesis
Pince pour introduction pour prothéses de téflon
Pinza para introducir para prótesis de teflon
Pinza per introduzione di protesi in teflon

DIETER

				
	1:1	1:1	1:1	1:1
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 tagliente in alto	unten schneidend down-cutting coupe en bas corte abajo tagliente in basso	rechts schneidend right-cutting coupe à droite corte derecha tagliente a destra	links schneidend left-cutting coupe à gauche corte izquierda tagliente a sinistra

Mikro-Ohrzängchen
Micro ear forceps

Micro pinces auriculaires
Micro-pinzas auriculares
Micro-pinze auricolari





MINI MCGEE

a x b	1:1 x = 75 mm – 3"	1:1 x = 75 mm – 3"
3.5 mm x 0.6 mm	14-176-110	344-356-350
	gerade, glatt straight, smooth droit, lisse recta, lisa retta, liscio	gerade, gerieft straight, serrated droit, strié recta, estriada retta, zigrinata

a x b	1:1 x = 75 mm – 3"	1:1 x = 75 mm – 3"	1:1 x = 75 mm – 3"
3.5 mm x 0.6 mm		14-175-350	14-176-270
4.0 mm x 0.8 mm	14-174-400	14-175-400	14-177-400
	gerade, glatt straight, smooth droit, lisse recta, lisa retta, liscio	gerade, gerieft straight, serrated droit, strié recta, estriada retta, zigrinata	aufgebogen, gerieft curved upwards, serrated coudé en haut, strié curvada arriba, estriada curvata in alto, zigrinata

a x b	1:1 x = 75 mm – 3"	1:1 x = 75 mm – 3"	1:1 x = 75 mm – 3"
3.5 mm x 0.6 mm	14-176-280	14-176-290	14-178-400
4.0 mm x 0.8 mm	14-179-600	14-180-600	14-178-350
	rechts gebogen, gerieft curved to right, serrated coudé à droite, strié curvada a la derecha, estriada curvata a destra, zigrinata	links gebogen, gerieft curved to left, serrated coudé à gauche, strié curvada a la izquierda, estriada curvata a sinistra, zigrinata	abwärts gebogen, gerieft angled down, serrated coudé en bas, strié curvada à bajo, estriada curvata in basso, zigrinata

Mikro-Ohrzängchen
Micro ear forceps

Micro pinces auriculaires
Micro-pinzas auriculares
Micro-pinze auricolari



1:1 1:1

	x = 80 mm – 3¼"	x = 80 mm – 3¼"
a = 3.5 mm b = 0.6 mm x c = 0.5 mm	14-181-110	14-181-120
a = 4.0 mm b = 1.0 mm x c = 0.9 mm	14-182-450	14-183-000
	gerade, oval straight, oval droit, ovale recta, ovalada retta, ovale	aufgebogen, oval curved upwards, oval coudé en haut, ovale curvada arriba, ovalada curvata in alto, ovale

1:1 1:1

	x = 80 mm – 3¼"	x = 80 mm – 3¼"
a = 3.5 mm b = 0.6 mm x c = 0.5 mm	14-181-130	14-181-140
a = 4.0 mm b = 1.0 mm x c = 0.9 mm	14-184-450	14-185-450
	rechts gebogen, oval curved to right, oval coudé à droite, ovale curvada a la derecha, ovalada curvata a destra, ovale	links gebogen, oval curved to left, oval coudé à gauche, ovale curvada a la izquierda, ovalada curvata a sinistra

Mikro-Ohrscheren
Micro ear scissors

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



BELUCCI

1:1 1:1

a x b	x = 75 mm – 3"	x = 75 mm – 3"
4.0 mm x 0.8 mm	14-186-001	14-186-003
sehr fein	gerade, spitz/spitz	aufgebogen, stumpf/stumpf
very fine	straight, sharp/sharp	curved upwards, blunt/blunt
très fine	droit, pointue/pointue	courbéss en haut, mousse/mousse
muy fina	recta, aguda/aguda	curvada arriba, roma/roma
molto delicata	retta, acuta/acuta	curvata in alto, smussa/smussa

1:1 1:1

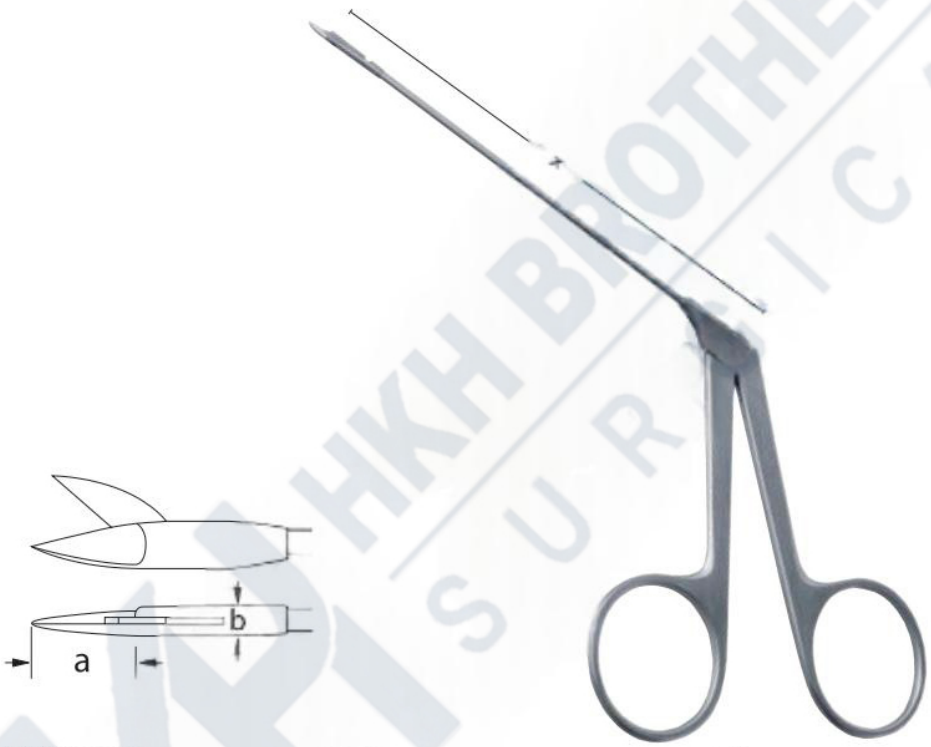
a x b	x = 75 mm – 3"	x = 75 mm – 3"
4.0 mm x 0.8 mm	14-186-004	14-186-005
sehr fein	rechts gebogen, spitz/spitz	links gebogen, spitz/spitz
very fine	curved to right, sharp/sharp	curved to left, sharp/sharp
très fine	coudé à droite, pointue/pointue	coudée à gauche, pointue/pointue
muy fina	curvada a la derecha, aguda/aguda	curvada a la izquierda, aguda/aguda
molto delicata	curvata a destra, acuta/acuta	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

a x b	1:1 x = 80 mm – 3¼"	1:1 x = 80 mm – 3¼"
4.0 mm x 0.8 mm	14-187-000	14-188-000
	gerade, spitz/spitz straight, sharp/sharp droit, pointue/pointue recta, aguda/aguda retta, acuta/acuta	aufgebogen, spitz/spitz curved upwards, sharp/sharp coudée en haut, pointue/pointue curvada arriba, aguda/aguda curvata in alto, acuta/acuta

WULLSTEIN

a x b	1:1 x = 80 mm – 3¼"	1:1 x = 80 mm – 3¼"
4.0 mm x 0.8 mm	14-189-000	14-190-000
	rechts gebogen, spitz/spitz curved to right, sharp/sharp coudé à droite, pointue/pointue curvada a la derecha, aguda/aguda curvata a destra, acuta/acuta	links gebogen, spitz/spitz curved to left, sharp/sharp coudée à gouche, pointue/pointue curvado a la izquierda, aguda/aguda curvata a sinistra, acuta/acuta

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



PLESTER







160 mm – 6¼"	14-191-160	14-192-002	14-192-000
	Führungsgabel Wire guide Fourchette d'introduction Tenedor guía Forchetta guida	Raspatorium Raspatory Rugine Raspatorio Raspatorio	Elevatorium Elevator Élévateur Elevador Elevatorio







	1.8 mm	1.0 mm	
160 mm – 6¼"	14-192-003	14-193-220	14-192-005
	Raspatorium Raspatory Rugine Raspatorio Raspatorio	Raspatorium Raspatory Rugine Raspatorio Raspatorio	Dissektor, doppelt links gebogen Dissector, double curved left Dissecteur, double courbe à gauche Disector, doble curvado a la izquierda Dissettore doppio curvato a sinistra





160 mm – 6¼"	14-192-007	14-194-160
	Dissektor, doppelt rechts gebogen Dissector, double curved right Dissecteur, double courbe à droite Disector, doble curvado a la derecha Dissettore, doppio curvato a destra	Handinstrument zum Andrücken von Drahtprothesen Instrument for placing wire prothesis Instrument pour mettre en place des protheses en fils métalliques Instrumento para posicionar prótesis de alambre Strumento per posizionare prothesi di fili metallici

HOUSE



	160 mm – 6¼"
3.5 mm	14-195-350
4.0 mm	14-195-400
4.5 mm	14-195-450
5.0 mm	14-195-500

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

Ohrsichelmesser – Rundschnittmesser
Ear sickle knife – Circular cutting knives
Couteaux faucilles – Couteaux ronds
Cuchillos en forma de hoz – Cuchillos redondos
Coltelli auricolari



ROSEN









	1.5 mm Ø – 90°	45°	45°	
160 mm – 6 ¼ "	14-196-160	14-197-160	14-198-020	14-198-030
	Rundschnittmesser Circular cutting knife Couteau rond Cuchillo redondo Coltello rotondo	Trommelfellmesser Tympanum knife Couteau pour le tympan Cuchillo para el timpano Coltello per timpani	Lanzenmesser Lancet knife Couteau lanceolaire Cuchillo lancelado Coltello lancelato	Lanzenmesser Lancet knife Couteau lancéolaire Cuchillo lancelado Coltello lancelato

SCHUHKNECHT





160 mm – 6 ¼ "	14-199-010	14-199-020
	Rollermesser, paralell Roller knife, parallel Couteau à lame, tournante, verticale Cuchillo redondo, vertical Coltello rotondo, paralello	Rollermesser, rechtwinklig Roller knife, right angled Couteau à lame, tournante, horizontale Cuchillo redondo, horizontal Coltello rotondo, orizontale

PLESTER





14-200-160	14-201-150
Sichelmesser, leicht gebogen Sickle knife, slightly curved Couteau faucille, légèrement courbe Cuchillo de hoz, ligeramente curvado Coltello a ferma di falce, legermente curvo	Diszisionsmesser, gerade Discision knife, straight Couteau à discision, droit Cuchillo de discición recto Coltello di dissezione retto

PLESTER



160 mm – 6 ¼ "	14-202-350
	Lappenmesser Flap knife Couteau à lambeaux Cuchillo para lóbulos Coltello per stacci



45°	160 mm – 6 ¼ "
3.0 mm Ø	14-197-300
2.6 mm Ø	14-197-260
2.0 mm Ø	14-197-200
1.6 mm Ø	14-197-160
1.0 mm Ø	14-197-100

Rundschnittmesser
Circular cutting knife
Couteau rond
Cuchillo redondo

ZÖLLNER





	1 mm	1 mm
160 mm – 6 ¼ "	14-203-160	14-204-160
	Raspatorium Raspatory Rugine Raspatorio Raspatorio	Raspatorium Raspatory Rugine Raspatorio Raspatorio

Mikro-Ohrinstrumente
Instruments for micro ear surgery
Instruments pour la micro-chirurgie auriculaire
Instrumentos para la micro-cirugía auricular
Strumenti per micro-chirurgia auricolare



ZÖLLNER







90°	90°	
14-205-001	14-205-002	14-205-003
Rundschnittmesser, nach oben gebogen Round knife, angled up Coureau rond, coudé en haut Cuchillo redondo, angulado arriba Coltello rotondo, angolato in alto	Rundschnittmesser, nach unten gebogen Round knife, angled down Couteau rond, coudé en bas Cuchillo redondo, angulado a bajo Coltello rotondo, angolato in basso	Sichelmesser, nach oben gebogen Sickle knife, angled up Couteau faucille, courbe vers le haut Cuchillo de hoz, angulado arriba Coltello a forma di falce, angolato in alto







14-205-004	14-205-005	14-205-006
Sichelmesser, nach unten gebogen Sickle knife, angled down Couteau faucille, courbe vers le bas Cuchillo de hoz, angulado a bajo Coltello a forma di falce, curvato in basso	Lanzenmesser, links gebogen Lancet knife, curved to left Couteau lancéolaire, courbe à gauche Cuchillo lancelado, angulado a la izquierda Coltello lancelato, curvato a sinistra	Lanzenmesser, rechts gebogen Lancet knife, curved to right Couteau lancéolaire, courbe à droite Cuchillo lancelado, angulado a la derecha Coltello lancelato, curvato a destra







14-205-007	14-205-008	14-205-009
Raspatorium, links gebogen Raspatory, curved to left Décolleur, courbe à gauche Raspatorio, angulado a la izquierda Raspatorio, curvato a sinistra	Raspatorium, rechts gebogen Raspatory, curved to right Décolleur, courbe à droite Raspatorio, angulado a la derecha Raspatorio, curvato a destra	Führungsgabel Wire guide Fourchette d'introduction Tenedor guía Forchetta guída

Mikro-Ohrinstrumente
Instruments for micro ear surgery
Instruments pour la micro-chirurgie auriculaire
Instrumentos para la micro-cirugía auricular
Strumenti per micro-chirurgia auricolare



ZÖLLNER



	0.5 mm – 45°	0.5 mm – 45°
14-206-001	14-206-002	14-206-003
Nadel fein, gerade, spitz Needle fine, straight, sharp Aiguille fine, droite, pointue Aguja fina, recta, aguda Ago fino, retto, acuto	Häkchen, nach oben gebogen Hook, angled up Crochet, coudé en haut Gancho, curvado arriba Uncino, curvato in alto	Häkchen, nach unten gebogen Hook, angled down Crochet, coudé en bas Gancho, curvado a bajo Uncino, curvato in basso



0.5 mm – 90°	0.5 mm – 90°	1.0 mm – 45°
14-206-004	14-206-005	14-206-006
Häkchen, nach oben gebogen Hook, angled up Crochet, coudé en haut Gancho, curvado arriba Uncino, curvato in alto	Häckchen, nach unten gebogen Hook, angled down Crochet, coudé en bas Gancho, curvado a bajo Uncino, curvato in basso	Häkchen, nach oben gebogen Hook, angled up Crochet, coudé en haut Gancho, curvado arriba Uncino, curvato in alto



1.0 mm – 45°	1.0 mm	1.0 mm
14-206-007	14-206-008	14-206-009
Häkchen, nach unten gebogen Hook, angled down Crochet, coudé en bas Gancho, curvado a bajo Uncino, curvato in basso	Häkchen, rund nach oben gebogen Hook, curved up Crochet, courbure rond vers le haut Gancho, redondo, curvado arriba Uncino, rotondo, curvato in alto	Häkchen, rund nach unten gebogen Hook, curved down Crochet, courbure rond ver le bas Gancho, redondo, curvado a bajo Uncino, rotondo, curvato in basso

Mikro-Ohrnadeln und Häkchen
Micro ear needles and hooks

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



BARBARA



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



160 mm – 6 ¼ "
14-207-150

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



160 mm – 6 ¼ "
14-209-150

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

ROSEN



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





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



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



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



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

PLESTER



0.4 mm – 90°	14-215-090

Fussplattenhäkchen, abgewinkelt, stumpf
Foot plate hook, angled, blunt
Crochet pour la platine de l'étrier, mousse
Gancho, para placa de óido, romo
Uncino per placca di piede, smusso

PLESTER



0.4 mm – 45°	14-215-045

Antrum Häkchen, aufgewinkelt, stumpf
Antrum hook, angled, blunt
Crochet pour l'antre, coudé, mousse
Gancho para el antrum, acododo, romo
Uncino per antrum, angolato in alto, smusso



	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

	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

	0.5 mm
155 mm – 6 "	14-218-150

MCGEE

	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

	0.5 mm
160 mm – 6 ¼ "	14-221-150

Nadel, leicht gebogen
Needle, slightly curved
Aiguille, légèrement courbée
Aguja, ligeramente,cuvado
Ago, legermente curvato

MCGEE

	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	Häkchen, nach unten gebogen	Häkchen, nach oben gebogen	Häkchen, nach unten geboge
Hook, curved up	Hook, curved down	Hook, curved up	Hook, curved down
Crochet, coudé en haut	Crochet, coudé en bas	Crochet, coudé en haut	Crochet, coudé en bas
Gancho, curvado arriba	Gancho, curvado abajo	Gancho, curvado arriba	Gancho, curvado abajo
Uncino, curvato in alto	Uncino, curvato in basso	Uncino, curvato in alto	Uncino, curvato in basso

Mikro-Ohrraspatorien
Micro ear raspatories
Micro-raspateurs auriculaires
Micro-raspatorias auriculares
Micro-raspatori auricolari


1:1

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 Achtkantgriff
Rack for 8 each micro ear instruments with hexagonal or octagonal handle
Etagère pour 8 micro-instruments avec manches hexagonales o octagonales
Soporte para 8 micro-instrumentos con mangos hexagonales o octogonales
Supporto per 8 strumenti micro con manico esagonale e ottagonale

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



HOUSE

170 mm – 6 ¾"	14-231-010

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

170 mm – 6 ¾"	14-231-020

Löffel, leicht gebogen
Spoon, slightly curves
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 ¼"	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

1:1 

1:1 

	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

1:1 

1:1 

	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 Chisel Ciseaux Escoplo Scalpello	Hohlmeissel Gouge Gouge Gubia Sgorbia	Hohlmeissel Gouge Gouge Gubia Sgorbia	Hohlmeissel Gouge Gouge Gubia Sgorbia	Hohlmeissel Gouge Gouge Gubia Sgorbia



HEERMANN

14-236-100

Handgriff für Meissel (14-236-010 – 14-236-050)
Handle for chisels (14-236-010 – 14-236-050)
Manche pour ciseaux (14-236-010 – 14-236-050)
Mango para escoplos (14-236-010 – 14-236-050)
Manico per scalpelli/sgorbie (14-236-010 – 14-236-05



HEERMANN

195 mm – 7 ¾ "14-236-150

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



COTTLE

	240 g
185 mm – 7 ¼	"14-237-185

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

Ohrraspatorien
Ear raspatories
Raspateurs auriculaires
Raspatorias auriculares
Raspatori auricolari



WULLSTEIN

160 mm – 6 ¼"	14-238-160	14-239-160
	gerade straight droite recta rette	gebogen curved courbe curva curvo





ROSEN

	1.5 mm	2.5 mm
175 mm – 7"	14-240-010	14-240-020
	bajonettförmig bayonet shaped en forme de baionette en forma de bayoneta forma a baionetta	bajonettförmig bayonet shaped en forme de baionette en forma de bayoneta forma a baionetta



LEMPERT

3.0 mm
160 mm – 6 ¼"
14-241-160

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



CITELLI

x = 60 mm	170 mm – 6¾"
1.5 mm	14-242-001
2.2 mm	14-242-002
3.0 mm	14-242-003



KERRISON

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



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



BEYER

	1 mm
140 mm – 5 ½ "	14-244-000



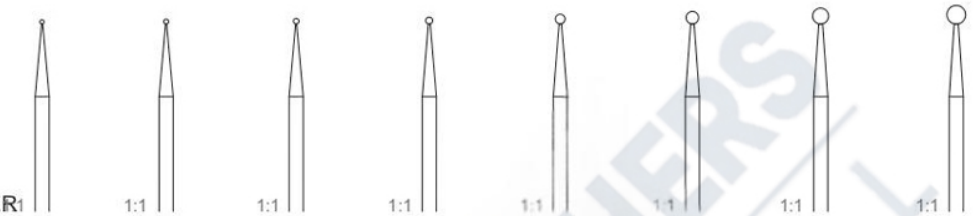
BEYER

	2 mm
190 mm – 7 ½ "	14-245-000

Bohrer
Burrs
Fraises
Brocas
Perforatori

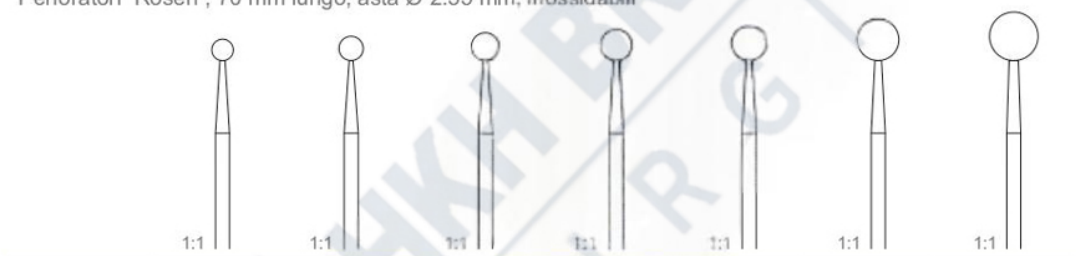


„ROSEN"-BOHRER



	0.6 mm Ø	0.7 mm Ø	0.8 mm Ø	1.0 mm Ø	1.4 mm Ø	1.8 mm Ø	2.3 mm Ø	2.7 mm Ø
70 mm – 2¾"	14-246-060	14-246-070	14-246-080	14-246-100	14-246-140	14-246-180	14-246-230	14-246-270

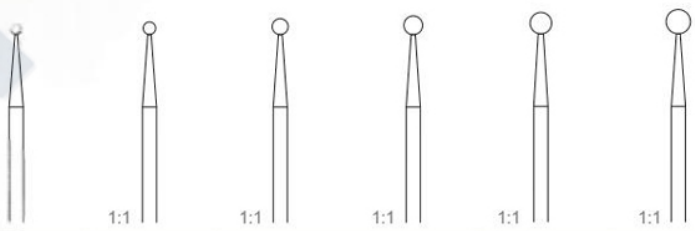
„Rosen"-Bohrer, 70 mm lang, Schaft-Ø 2.35 mm, rostfrei
"Rosen" burrs, 70 mm long, shank diameter 2.35 mm, stainless
Fraises de «Rosen», 70 mm de long, Ø de tige 2.35 mm, inoxydables
Brocas "Rosen", largo 70 mm, vástago-Ø 2.35 mm, inoxidables
Perforatori "Rosen", 70 mm lungo, asta Ø 2.35 mm, inossidabili



	3.1 mm Ø	3.5 mm Ø	4.0 mm Ø	4.5 mm Ø	5.0 mm Ø	6.0 mm Ø	7.0 mm Ø
70 mm – 2¾"	14-246-310	14-246-350	14-246-400	14-246-450	14-246-500	14-246-600	14-246-700

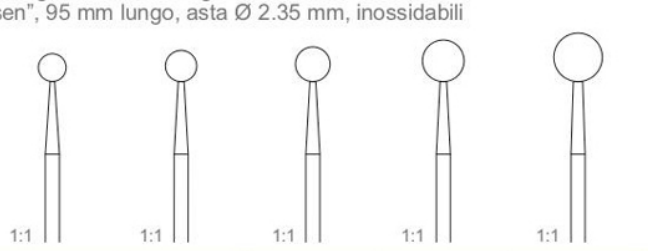


ROSEN'-BOHRER



	1.4 mm Ø	1.8 mm Ø	2.3 mm Ø	2.7 mm Ø	3.1 mm Ø	3.5 mm Ø
95 mm – 3¾"	14-247-140	14-247-180	14-247-230	14-247-270	14-247-310	14-247-350

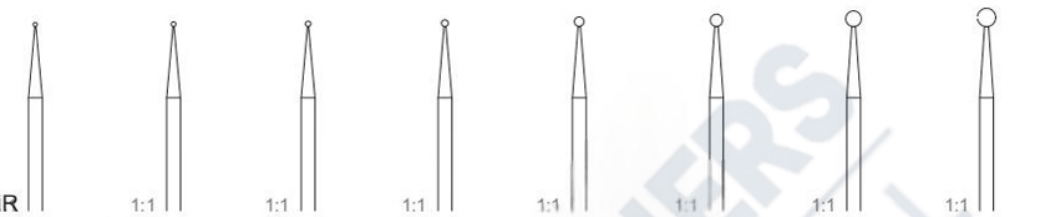
„Rosen"-Bohrer, 95 mm lang, Schaft-Ø 2.35 mm, rostfrei
"Rosen" burrs, 95 mm long, shank diameter 2.35 mm, stainless
Fraises de «Rosen», 95 mm de long, Ø de tige 2.35 mm, inoxydables
Brocas "Rosen", largo 95 mm, vástago-Ø 2.35 mm, inoxidables
Perforatori "Rosen", 95 mm lungo, asta Ø 2.35 mm, inossidabili



	4.0 mm Ø	4.5 mm Ø	5.0 mm Ø	6.0 mm Ø	7.0 mm Ø
95 mm – 3¾"	14-247-400	14-247-450	14-247-500	14-247-600	14-247-700

Bohrer
Burrs
Fraises
Brocas
Perforatori

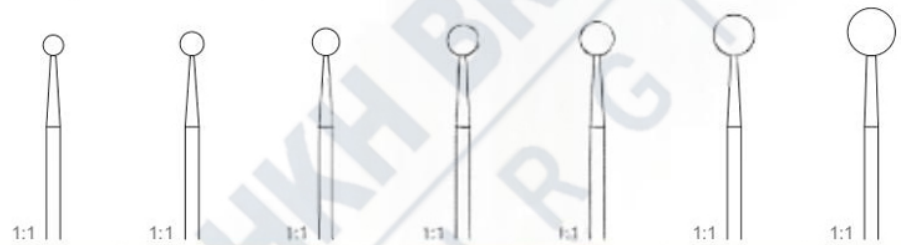
DIAMANTBOHRER



	0.6 mm Ø	0.7 mm Ø	0.8 mm Ø	1.0 mm Ø	1.5 mm Ø	1.8 mm Ø	2.3 mm Ø	2.7 mm Ø
70 mm – 2¾"	14-248-060	14-248-070	14-248-080	14-248-100	14-248-150	14-248-180	14-248-230	14-248-270



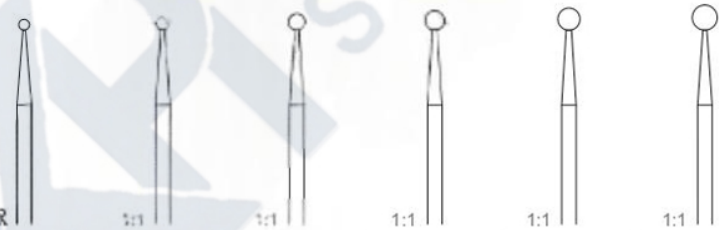
Diamantbohrer, 70 mm lang, Schaft-Ø 2.35 mm
Diamont dust polishing burrs, 70 mm long, shank diameter 2.35 mm
Fraises à polir, diamantées, 70 mm de long, Ø de tige 2.35 mm
Brocas diamantadas, largo 70 mm, vástago-Ø 2.35 mm
Perforatori diamantati, 70 mm lungo, asta Ø 2.35 mm



	3.0 mm Ø	3.5 mm Ø	4.0 mm Ø	4.5 mm Ø	5.0 mm Ø	6.0 mm Ø	7.0 mm Ø
70 mm – 2¾"	14-248-300	14-248-350	14-248-400	14-248-450	14-248-500	14-248-600	14-248-700

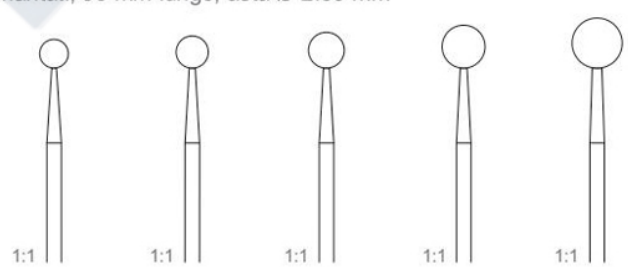


DIAMANTBOHRER



	1.5 mm Ø	1.8 mm Ø	2.3 mm Ø	2.7 mm Ø	3.0 mm Ø	3.5 mm Ø
95 mm – 3¾"	14-249-150	14-249-180	14-249-230	14-249-270	14-249-300	14-249-350

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



	4.0 mm Ø	4.5 mm Ø	5.0 mm Ø	6.0 mm Ø	7.0 mm Ø
95 mm – 3¾"	14-249-400	14-249-450	14-249-500	14-249-600	14-249-700

Nasenspekula
Nasal specula
Spéculums nasaux
Espéculos nasales
Specoli nasali



THUDICHUM
(GOLDSMITH)





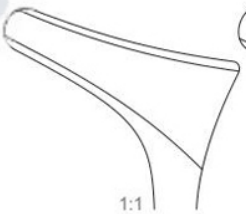


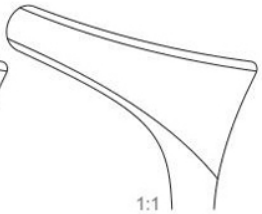
	21 mm x 9.5 mm	21 mm x 10.5 mm	21 mm x 11.5 mm
65 mm – 2 ½ "	14-250-010	14-250-020	14-250-030



HARTMANN



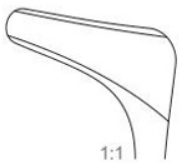




160 mm – 6 ¼ "	14-251-001	14-251-002	14-251-003



HARTMANN-HALLE







150 mm – 6 "	14-252-001	14-252-002	14-252-003

Nasenspekula
Nasal specula
Spéculums nasaux
Espéculos nasales
Specoli nasali



TIECK-HALLE



135 mm – 5 ¼ "	14-253-000

für Säuglinge
for babies
pour nourrissons
para lactantes
per lattanti



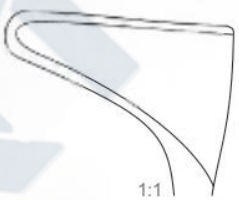
SCHWARZ

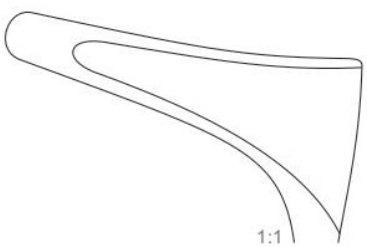


140 mm – 5 ½ "	14-254-140

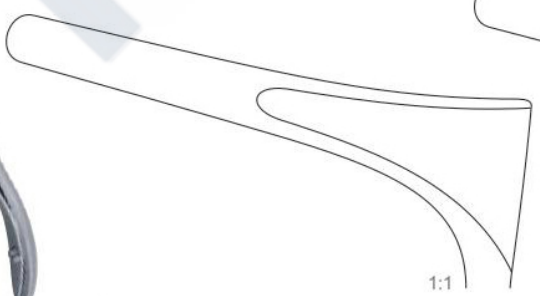


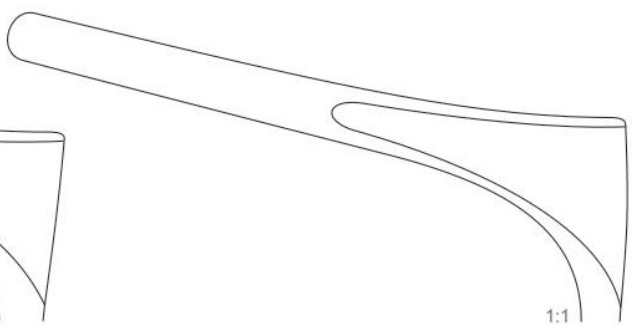
KILLIAN





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



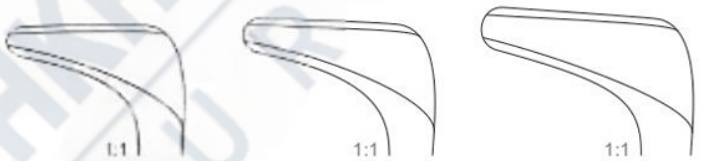


	x = 75 mm	x = 90 mm
130 mm – 5 "	14-255-003	14-255-004

Nasenspekula
Nasal specula
Spéculums nasaux
Espéculos nasales
Specoli nasali



1:2

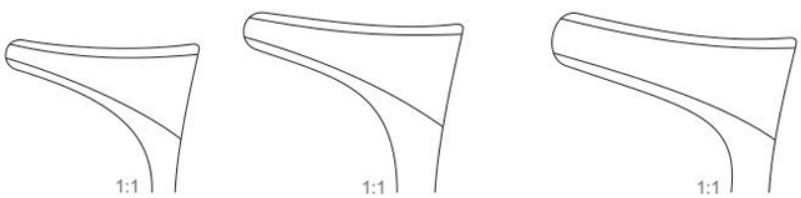


BECKMANN

150 mm – 6 "	14-256-001	14-256-002	14-256-003



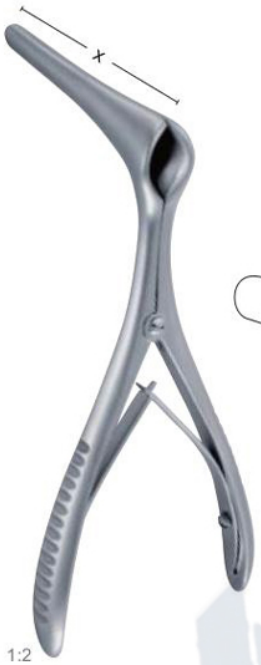
1:2

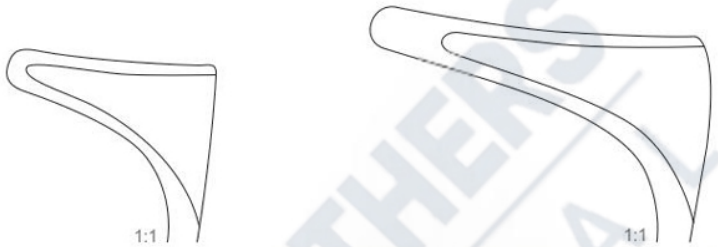


MOD. WIEN

145 mm–5 ¾ "	14-257-001	14-257-002	14-257-003

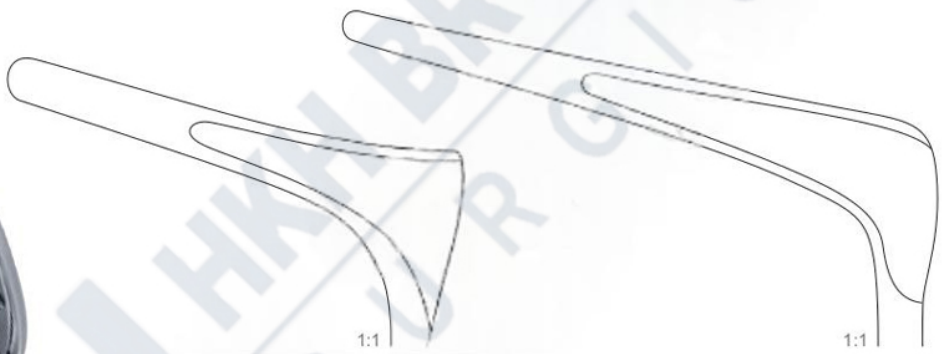
Nasenspekula
Nasal specula
Spéculums nasaux
Espéculos nasales
Specoli nasali





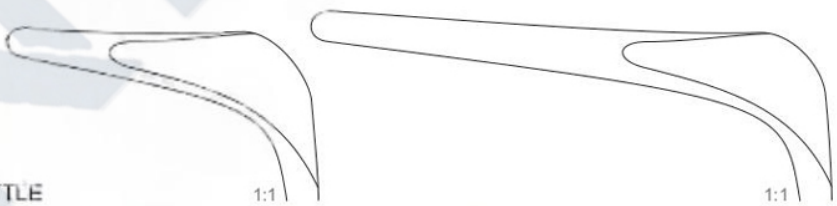
COTTLE

	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





COTTLE

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

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

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

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

Nasenpolypenzangen – Septumzangen
Nasal polypus and septum forceps
Pinces à polypes et la cloison nasale
Pinzas para pólipos y el tabique nasal
Pinze per polipi e setto nasale



WESTMACOTT

200 mm – 8 "	14-260-200



LUBET-BARBON

200 mm – 8 "	14-261-200



HARTMANN

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

Nasenpolypenzangen – Septumzangen
Nasal polypus and septum forceps
Pinces à polypes et la cloison nasale
Pinzas para pólipos y el tabique nasal
Pinze per polipi e setto nasale



TILLEY

140 mm – 5 ½ "	14-263-140



HEYMANN-KNIGHT

180 mm – 7 "	14-264-180



CRAIG

180 mm – 7 "	14-265-180

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



NOYES

x = 110 mm – 3½"	14-266-090

1 x 2

Nasenpolypenzangen
Nasal polypus
Pinces à polypes nasales
Pinzas para pólipos nasales
Pinze per polipi nasali



HEYMANN



180 mm – 7"	14-267-010	14-267-020	14-267-030



LITTAUER

180 mm – 7 "	14-268-180



KNIGHT

180 mm – 7 "	14-269-180

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



LUC



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

gefenstert
fenestraded
fenêtré
fenestrado
finestrato

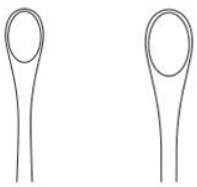
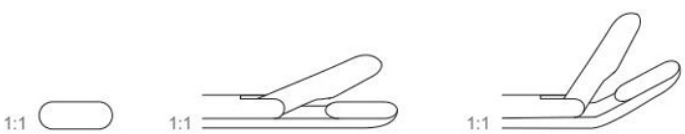


Fig. 1	Fig. 2
14-271-010	14-271-020

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 "	14-274-001	14-274-002	14-274-003	14-274-004





	WEIL	WATSON-WILLIAMS	
x = 120 mm – 4 ¾ "	14-275-120	14-276-100	14-277-010

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





WEIL-
BLAKESLEY

	Fig. 1 a = 3.0 mm	Fig. 2 a = 3.5 mm	Fig. 3 a = 4.5 mm	Fig. 4 a = 5.0 mm	Fig. 5 a = 5.5 mm
0° x = 120 mm – 4 ¾ "	14-278-001	14-278-002	14-278-003	14-278-004	14-278-005
45° x = 120 mm – 4 ¾ "	14-279-001	14-279-002	14-279-003	14-279-004	
90° x = 120 mm – 4 ¾ "	14-280-001	14-280-002	14-280-003		

	Fig. 1 a = 3.0 mm	Fig. 2 a = 3.5 mm	Fig. 3 a = 4.5 mm	Fig. 4 a = 5.0 mm	Fig. 5 a = 5.5 mm
45° x = 180 mm – 7"	14-281-010	14-281-020	14-281-030	14-281-040	14-281-050
90° x = 180 mm – 7"	14-282-010	14-282-020	14-282-030	14-282-040	



HARTMANN



x = 120 mm – 4 ¾ "	14-283-005 / 14-283-007 / 14-283-009 / 14-283-011



MYLES

	Fig. 1 2.0 x 10.0 mm	Fig. 2 2.5 x 12.0 mm	Fig. 3 3.0 x 14.0 mm
x = 120 mm – 4 ¾ "	14-284-010	14-284-020	14-284-030

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





SCHMEDEN

x = 120 mm – 4 ¾ "	14-285-001	14-285-002	14-285-003

TOMATI 1:1



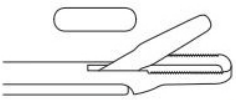
x = 120 mm – 4 ¾ "	14-286-120

STRUYCKEN 1:1



	0.9 mm	1.2 mm
x = 120 mm – 4 ¾ "	14-287-001	14-287-002

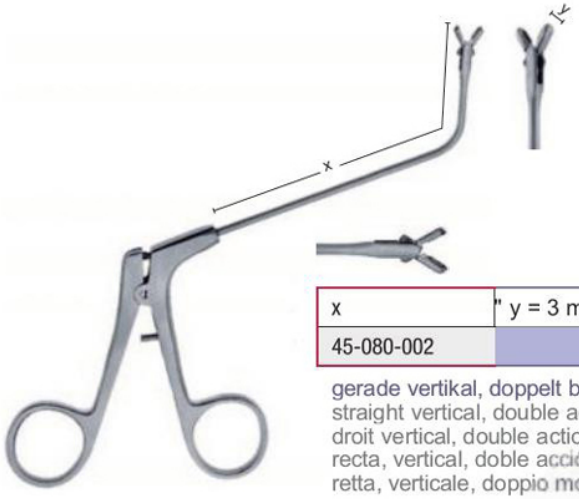
HENKE 1:1



x = 120 mm – 4 ¾ "	14-288-120

Scharfe Nasenzangen
Nasal cutting forceps

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



x	y = 3 mm
45-080-002	

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



x = 100 mm – 4"	y = 3 mm
14-289-004	

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

x = 100 mm – 4"	y = 3 mm
14-289-006	

gerade hor., einfach beweglich, k
straight hor., single action, short
droit hor., action simple, court
recta, hor., acción simple, corto
retta, oriz., movimento sing., cor



x = 100 mm – 4"	y = 3 mm
14-290-030	

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



x = 100 mm – 4"	y = 3 mm
14-291-030	

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

x = 100 mm – 4"	y = 3 mm
14-292-030	

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

x = 100 mm – 4"	"y = 3 mm
14-293-030	

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



x = 100 mm – 4"	y = 3 mm
14-294-030	

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



x = 100 mm – 4"	y = 3 mm
14-295-030	

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



x = 100 mm – 4"	y = 3 mm
14-297-030	

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

x = 100 mm – 4"	y = 3 mm
14-296-030	

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

x = 100 mm – 4"	y = 3 mm
45-093-030	

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

Scharfe Nasenzangen
Nasal cutting forceps

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





x = 100 mm – 4"	y = 4 mm
14-290-040	

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



x = 100 mm – 4"	y = 4 mm
14-291-040	

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

x = 100 mm – 4"	y = 4 mm
14-293-040	

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



x = 100 mm – 4"	y = 4 mm
14-294-040	

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

x = 100 mm – 4"	y = 4 mm
14-296-040	

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



x = 100 mm – 4"	y = 4 mm
14-295-040	

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

x = 100 mm – 4"	y = 4 mm
14-292-040	

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

x = 100 mm – 4"	y = 4 mm
14-297-040	

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

Nasenschere
Nasal scissors
Ciseaux nasales
Tijera nasal
Forbice nasale

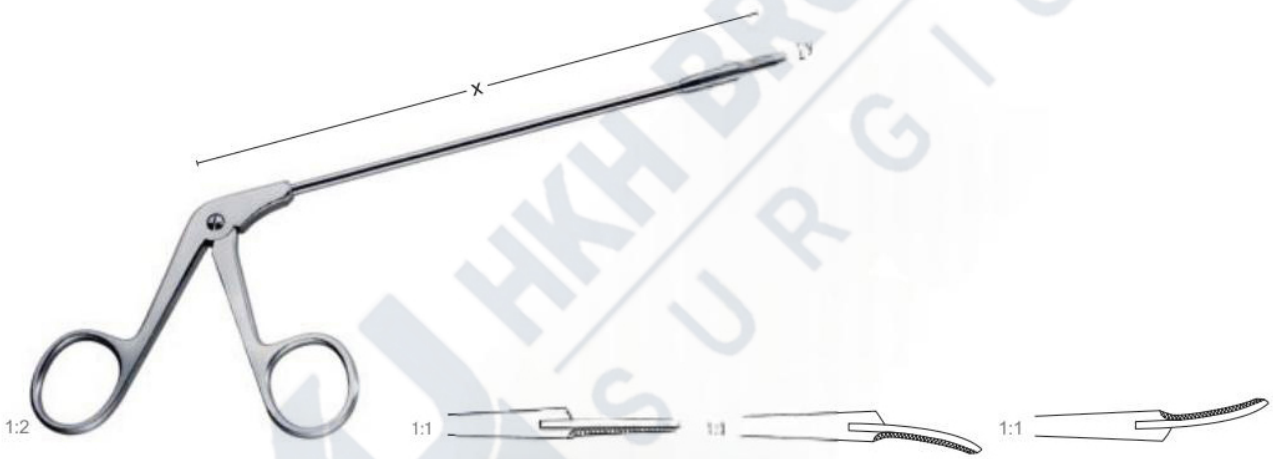
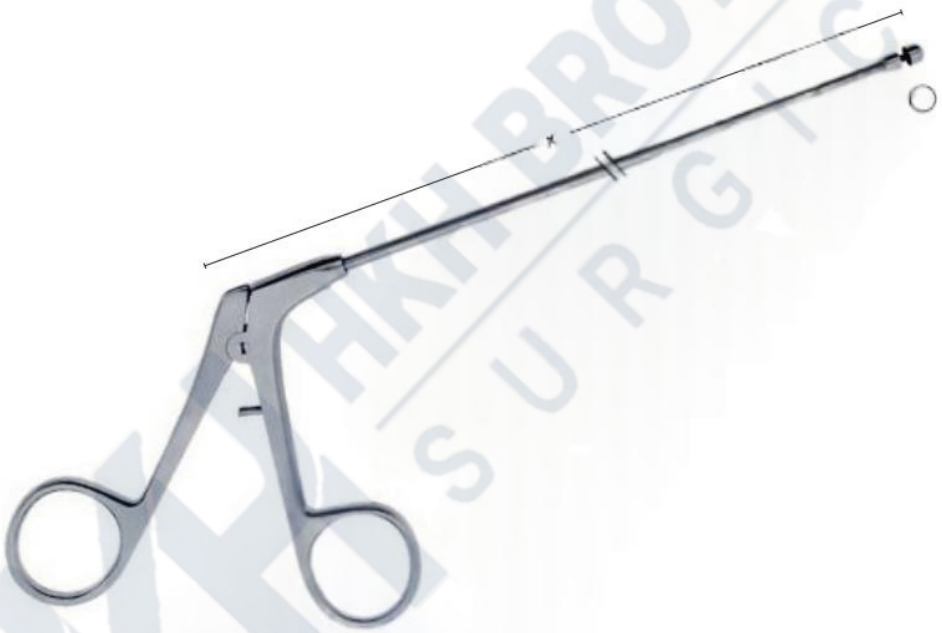


	Fig. 1	Fig. 2	Fig. 3
x = 135 mm – y = 5 mm	14-298-002	14-298-005	14-298-003
	gezahnt, gerade serrated, straight droit, dentelés dentada, recta dentata, retta	gezahnt, rechts serrated, right dentelés, droites dentada, derecha dentata, destra	gezahnt, links serrated, left dentelés, gauche dentada, izquierda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

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



	x = 180 mm – 7"	x = 180 mm – 7"
3.5 mm Ø	14-299-035	14-300-035
4.5 mm Ø	14-299-045	14-300-045
	gerade straight droit recta retta	aufgebogen curved upwards coudé en haut curvada arriba curvata in alto

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



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 retrógrada corte arriba retrograda tagliente in alto	rückwärts nach rechts schneidend backward, cut to the right retrograde coupe à droite retrógrada corte a la derecha retrograda tagliente a destra	rückwärts nach links schneidend backword, cut to the left retrograde coupe à gauche retrógrada corte a la izquierda retrograda tagliente a sinistra

x = 100 mm	Fig. 4	Fig. 5
3.0 mm (für Kinder)	14-304-030	14-305-030
3.5 mm	14-304-035	14-305-035
4.5 mm	14-304-045	
	nach unten schneidend down-cutting retrograde coupe en bas retrógrada corte abajo retrograda tagliente basso	drehbar rotating rotatif rotatorio rotativo

Keilbeinstanzen
Punches sphenoid bone

Pinces pour le sinus sphénoidal
Pinzas para esfenoides
Pinze sfenoidali taglienti



1:1 ∩ HAJEK

x = 140 mm – 5½"	4 mm x 4 mm	14-306-040

1:1 ∩ HAJEK-KOFLER

x = 140 mm – 5½"	3.5 mm x 3.5 mm	14-307-035

1:1 ∪ HAJEK

x = 140 mm – 5½"	4 mm x 4 mm	14-308-040

1:1 ∪ HAJEK-KOFLER

x = 140 mm – 5½"	3.5 mm x 3.5 mm	14-309-035



HAJEK-KOFLER

	3.5 n
x	14-310-035

Schaft
Shaft rotates 3(
Tige orientable à 3
Tijera rotativa 3(
Asta girevole 3(_

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



1:2

HAJEK-CLAUS

200 mm – 8 "	14-311-200

Nasenpolypenschnürer
Nasal polypus snares

Serre noeuds pour polypes
Polipótomos nasales
Serranodi nasali



0.3 mm Ø x 100 mm	14-312-003

in Bündeln mit 12 Stück
in bundles of 12 pieces
en paquetes de 12 pièces
en lios de 12 piezas
pacchetto di 12 pezzi



KRAUSE

260 mm – 10 ¼ "	14-313-260



KRAUSE-VOSS

260 mm – 10 ¼ "	14-314-260

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

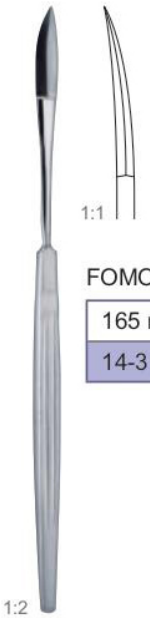


LANGE-WILDE

240 mm – 9 ½ "	14-315-240

Nasenmesser
Nasal knives

Bistouris pour nez
Cuchillos nasales
Bisturi per naso



FOMON

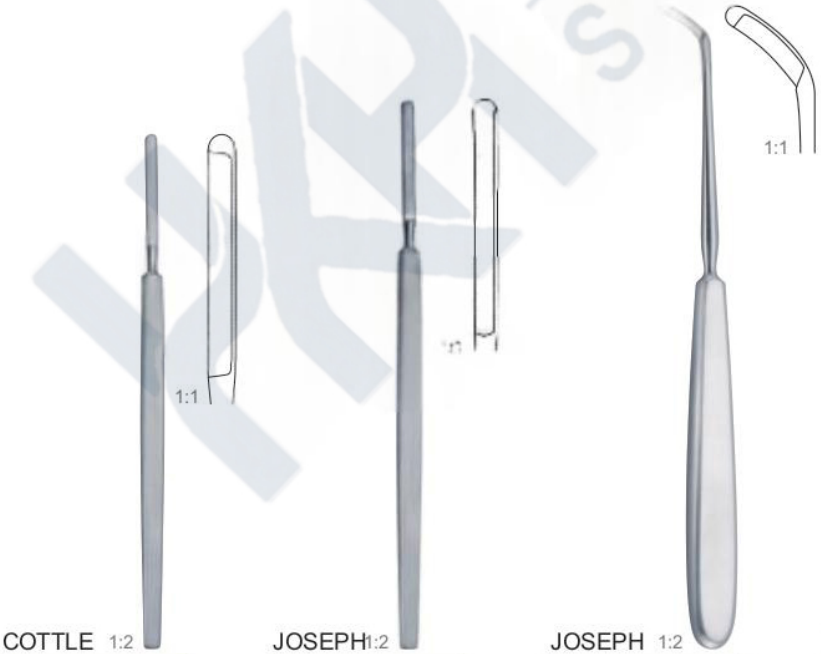
165 mm – 6 ½"
14-316-160



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	gerade		gebogen	
sharp/sharp	straight		curved	
tranchant/pointu	droits		courbe	
cortante/agudo	recta		curva	
acuto	retto		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 1:2

190 mm – 6½"	14-323-001	14-323-002



CONVERSE 1:2

160 mm – 6¼"	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 – 8¼"	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 – 8¾"
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



200 mm – 8"	200 mm – 8"
14-335-001	14-335-002



200 mm – 8"
7 mm x 11 mm
14-336-200



PRATT

210 mm – 8 ¼"
14-337-210



FAULKNER

210 mm – 8 ¼"
14-338-210



COAKLEY

200 mm – 8"
14-339-120



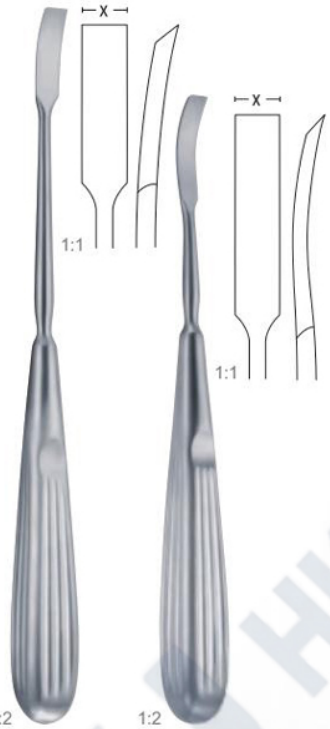


COAKLEY

	Fig. 1	Fig. 2	Fig. 3	Fig. 4	Fig. 5	Fig. 6
170 mm – 6 ¾"	14-340-010	14-340-020	14-340-030	14-340-040	14-340-050	14-340-060
14-340-000	x	x	x	x	x	x

Satz
Set
Jeu
Juego
Serie

Septumelevatorien – Raspatorien
Septum elevators – raspatories
Elévateurs – rugines pour la cloison nasale
Elevadores – legras para el tabique nasal
Elevatori – periostotomi per setto



LEMPERT 1:2 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 ¼ "	14-343-004



COTTLE 1:2

	x = 8 mm
190 mm – 7 ½ "	14-344-190

scharf
sharp
tranchant
cortante
acuta



JOSEPH

	x = 5 mm
160 mm – 6 ¼ "	14-345-160

Periost Elevatorien
Periostal elevators
Périostotome
Periostótomo
Periostotomo



SEWALL

200 mm – 8 "	14-346-200

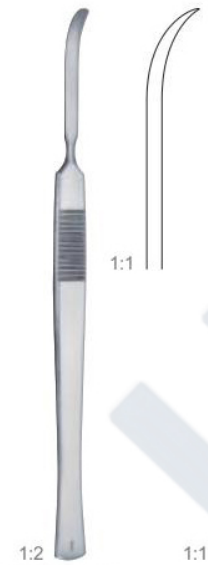
Antrum Elevatorium
Antrum elevator
Elévateur pour le fosse nasale
Elevador para el antro
Elevatore per antro



HALLE

160 mm – 6 ¼ "
14-347-160

Septumelevatorien – Raspatorien
Septum elevators – raspatories
Elévateurs – rugines pour la cloison nasale
Elevadores – legras para el tabique nasal
Elevatori – periostotomi per setto



MCKENTY

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

scharf
sharp
tranchant
cortante
acuta



COTTLE

	x = 5 mm
235 mm – 9 ¼ "	14-349-230

scharf
sharp
tranchant
cortante
acuta



MCKENTY

	x = 4 mm
205 mm – 8 "	14-350-220

scharf
sharp
tranchant
cortante
acuta

Septumelevatorien – Raspatorien
Septum elevators – raspatories
Elévateurs – rugines pour la cloison nasale
Elevadores – legras para el tabique nasal
Elevatori – periostotomi per setto



KILLIAN 1:2 1:1

	x = 4 mm
180 mm – 7 "	14-351-180

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



KILLIAN 1:2 1:1

	x = 4.5 mm
230 mm – 9 "	14-352-220

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



FREER 1:2

190 mm – 7 ½ "	14-353-190

stumpf
blunt
mousse
romo
smussa



FREER 1:2 1:1

180 mm – 7 "	14-354-180

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

Septumelevatorien – Raspatorien
Septum elevators – raspatories
Elévateurs – rugines pour la cloison nasale
Elevadores – legras para el tabique nasal
Elevatori – periostotomi per setto



FREER

205 mm – 8 "	14-355-205

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



PENNINGTON

215 mm – 8 ½ "	14-356-210

stumpf
blunt
mousse
romo
smussa



JOSEPH-MASING

215 mm – 8 ½ "	14-358-220

scharf
sharp
tranchant
cortante
acuta

Periostelevatorien
Periosteal elevators
Elévateurs pour la périoste
Legras para perióstio
Elevatori per il periosto



MASING

200 mm – 8 "	14-359-210



BALLENGER-HAJEK

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



COTTLE

220 mm – 8 ¾ "	14-362-220



COTTLE

210 mm – 8 ¼ "	14-363-210

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



BOIES

190 mm – 7½"	14-364-190

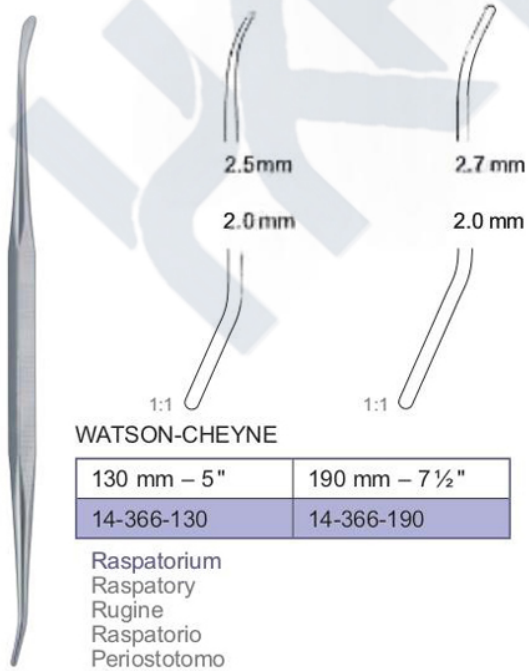
Nasenfraktur Elevatorium, stumpf
Nasal fracture elevator, blunt
Elévateur pour fractures nasales, mousse
Elevador para fracturas nasales, romas
Elevatore per fratture nasali, smussa



GOLDMAN

170 mm – 6¾"	14-365-170

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



WATSON-CHEYNE

130 mm – 5"	190 mm – 7½"
14-366-130	14-366-190

Raspatorium
Raspatory
Rugine
Raspatorio
Periostotomo

Nasensägen
Nasal saws
Scies nasales
Sierras nasales
Seghe nasali



JOSEPH 1:2 1:2

190 mm – 7 ½"	14-367-001	14-367-002



JOSEPH 1:2

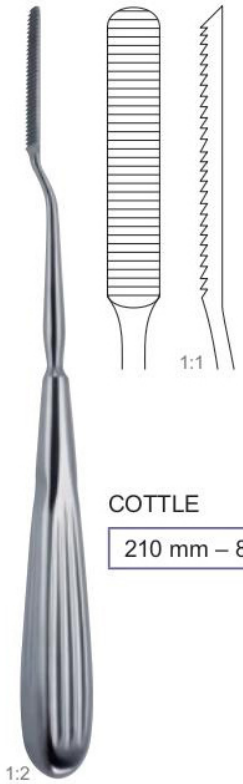
190 mm – 7½"	14-368-000



JOSEPH 1:2 1:2

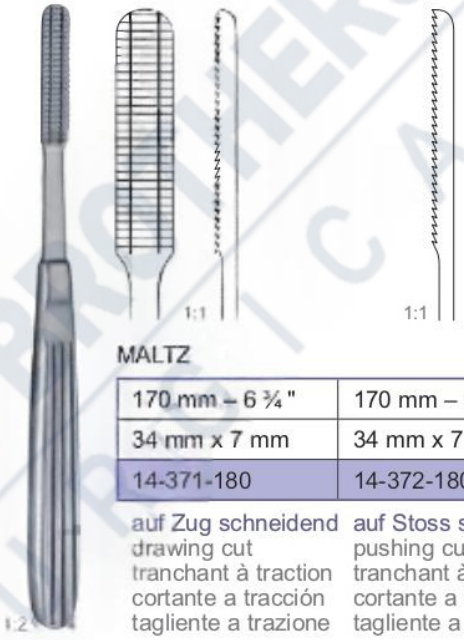
170 mm – 6¾"	14-369-001	14-369-002

Nasenraspeln
Nasal rasps
Râpes nasales
Limas nasales
Raspe nasali



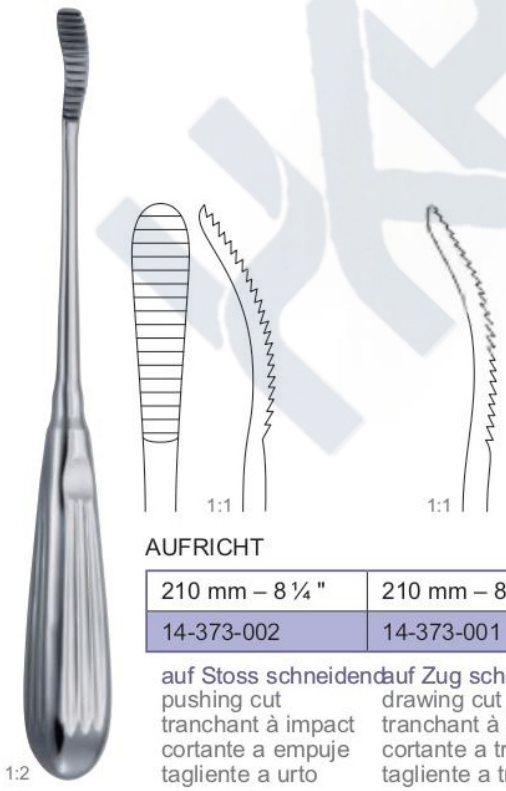
COTTLE

210 mm – 8 ¼ "	14-370-000



MALTZ

170 mm – 6 ¾ "	170 mm – 6 ¾ "
34 mm x 7 mm	34 mm x 7 mm
14-371-180	14-372-180
auf Zug schneidend drawing cut tranchant à traction cortante a tracción tagliente a trazione	auf Stoss schneidend pushing cut tranchant à impact cortante a empuje tagliente a urto

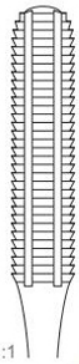


AUFRICHT

210 mm – 8 ¼ "	210 mm – 8 ¼ "
14-373-002	14-373-001
auf Stoss schneidend pushing cut tranchant à impact cortante a empuje tagliente a urto	auf Zug schneidend drawing cut tranchant à traction cortante a tracción tagliente a trazione

Nasenraspeln
Nasal rasps
Râpes nasales
Limas nasales
Raspe nasali

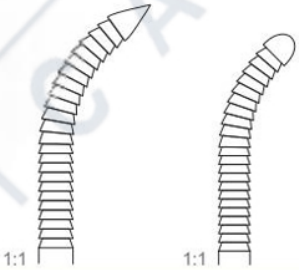




MALTZ

	40 mm x 9 mm
175 mm – 7 "	14-374-180



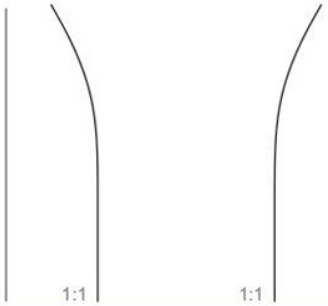


WIENER

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

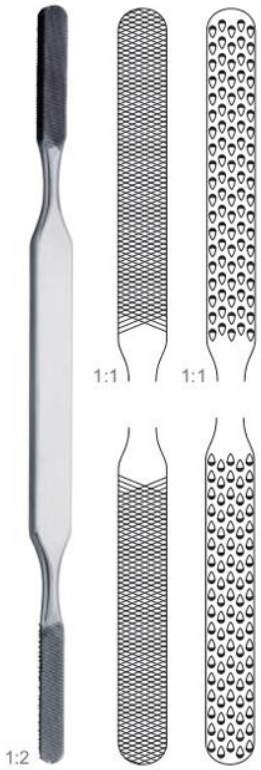
Antrum Raspeln
Antrum rasps
Râpes pour le fosse nasale
Limas para el antrum
Raspe per antrum





GALLAHER

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



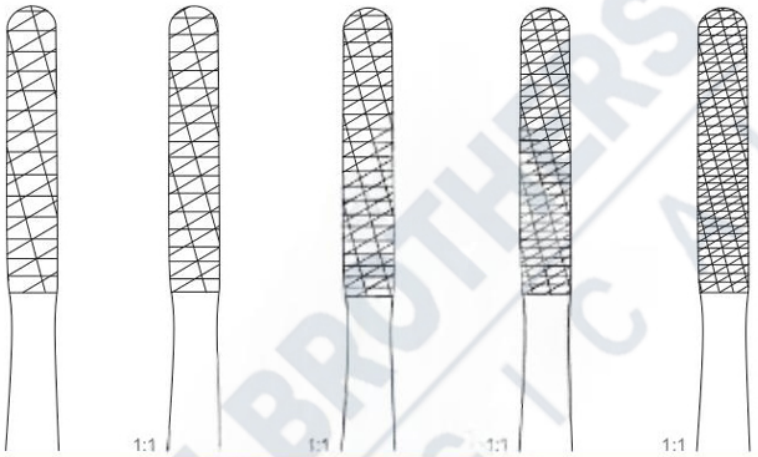
FOMON

210 mm – 8 ¼ "
14-379-210

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

TC



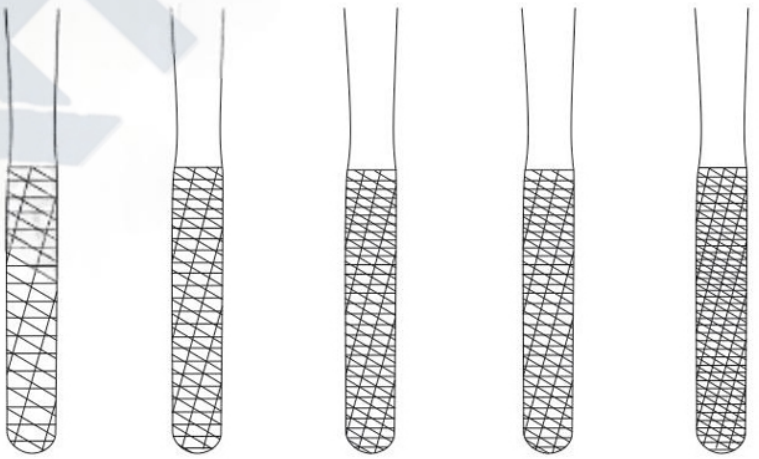


FOMON TC

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

Zähne
Teeth
Dentes
Dientes
Denti

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



FOMON TC

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

Zähne
Teeth
Dentes
Dientes
Denti

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


1:2

BRUENINGS-BRUNK

190 mm – 7 ½"	14-381-190

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



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 1:2

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

Knorpelquetsche
Cartílage crusher
Pinces-gouge à cartílage
Machacadora
Torchio per cartilagine

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

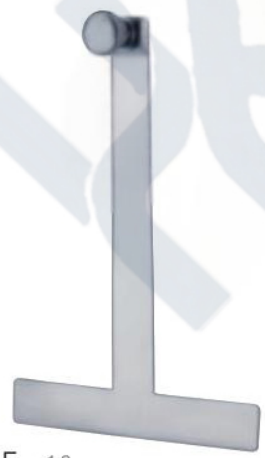
Kieferhöhlenhaken, gezahnt
Antrum retractor, serrated
Ecarteur pour sinus maxillaire, dentelé
Separador para sinus, dentado
Retrattore mascellare, dentato



RITTER-HALLE

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

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



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 1:2

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

Knorpelquetsche
Cartílage crusher
Pinces-gouge à cartílage
Machacadora
Torchio per cartilagine

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



1:2

MIDDLETON-JANSEN 1:1



190 mm – 7 ½ "	14-387-190



1:2

MIDDLETON-JANSEN 1:1



190 mm – 7 ½ "	14-388-190



1:2

CAPLAN 1:1



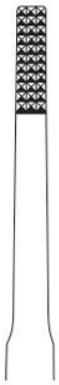
200 mm – 8 "	14-389-200

gezahnt
toothed
dentelée
dentado
dentato

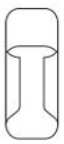


1:2

RUBIN 1:1



210 mm – 8 ¼ "	14-390-210



14-391-010

Schutzkappe
Protection Cap
Capuchon protecteur
Capuchon protectora
Calotta protettiva

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



1:2

MIDDLETON-JANSEN 1:1



190 mm – 7 ½ "	14-387-190



1:2

MIDDLETON-JANSEN 1:1



190 mm – 7 ½ "	14-388-190



1:2

CAPLAN 1:1



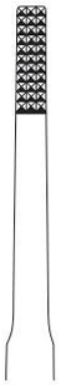
200 mm – 8 "	14-389-200

gezahnt
toothed
dentelée
dentado
dentato

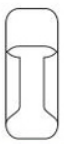


1:2

RUBIN 1:1



210 mm – 8 ¼ "	14-390-210



14-391-010

Schutzkappe
Protection Cap
Capuchon protecteur
Capuchon protectora
Calotta protettiva

Ringmesser
Adenoid curettes
Couteaux à végétations adénoides
Cuchillos para vegetaciones adenoides
Adenotomi


1:2

ST. CLAIR-THOMSON


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

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


1:2

BARNHILL

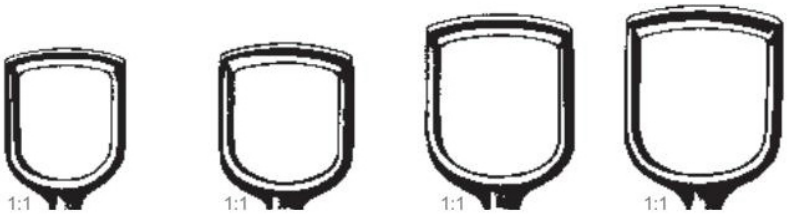

1:1 1:1 1:1 1:1

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

Ringmesser
Adenoid curettes
Couteaux à végétations adénoides
Cuchillos para vegetaciones adenoides
Adenotomi





BECKMANN

220 mm – 8 ¾ "	14-394-001	14-394-002	14-394-003

gerade
straight
droit
recto
rette

220 mm – 8 ¾ "	14-395-010	14-395-020	14-395-030

gebogen
curved
courbe
curvo
curve



220 mm – 8 ¾ "	14-394-004	14-394-005	14-394-006

gerade
straight
droit
recto
rette

220 mm – 8 ¾ "	14-395-040	14-395-050	14-395-060

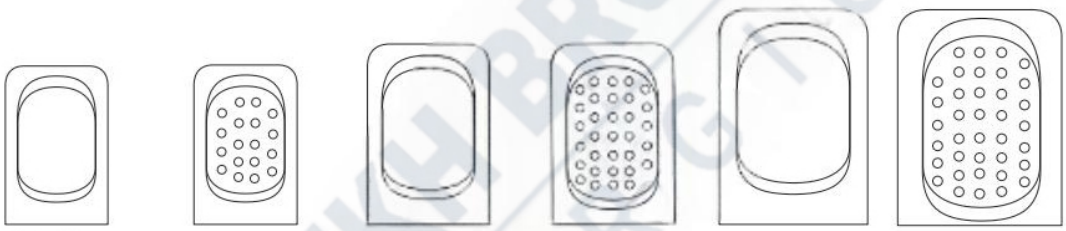
gebogen
curved
courbe
curvo
curve

Ringmesser
Adenoid curettes

Couteaux à végétations adénoides
Cuchillos para vegetaciones adenoides
Adenotomi



1:2



LA FORCE

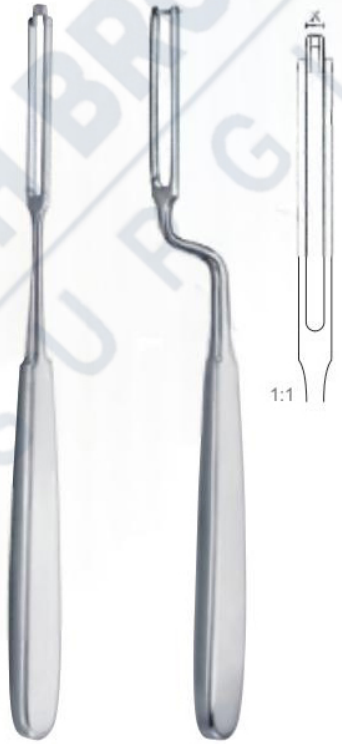
Fig. 1		Fig. 2		Fig. 3	
250 mm – 7 "		250 mm – 7 "		250 mm – 7 "	
14-397-010	14-396-001	14-397-020	14-396-002	14-397-030	14-396-003

14-398-010	14-399-001	14-398-020	14-399-002	14-398-030	14-399-003

Ersatzklingen
Spare blades
Lames de rechange
Hojas de cambio
Lame di ricambio

Ringmesser
Adenoid curettes

Couteaux à végétations adénoides
Cuchillos para vegetaciones adenoides
Adenotomi



BALLENGER

	200 mm – 8 "	200 mm – 8 "
x = 3 mm	14-400-003	14-401-003
x = 4 mm	14-400-004	14-401-004
x = 5 mm	14-400-005	14-401-005
	gerade straight droit recto rette	bajonett bayonet baionette bayoneta baionetta

Pulverbläser
Atomizers
Pulvérisateurs
Pulverizadores
Insoffiatori



1:2

KABIERSKE

14-404-000	14-402-010	14-402-500
Pulverbläser, komplett	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
Insoffiatore, completo	Bottiglia di ricambio, 30 ccm	Pallone in gomma con valva

KABIERSKE

80 mm – 3 ¼ "	14-402-080	
110 mm – 4 ¼ "	14-402-110	
130 mm – 5 "		14-402-130

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



UNIVERSAL 1:2

14-403-000

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

Pulverbläser
Atomizers
Pulvérisateurs
Pulverizadores
Insoffiatori



POLITZER

14-405-000

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



15 mm Ø	17 mm Ø	22 mm Ø
14-405-150	14-405-170	14-405-220

Nasenoliven
Nasal olives
Olives nasales
Olivas nasales
Olive nasali



4 mm Ø
14-405-040

Ohrolive
Ear olive
Olive auriculaire
Oliva auricular
Oliva auricolare

14-405-350

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

14-405-030

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

Mundsperrer
Mouth gags
Ouvre-bouches
Abrebocas
Apribocca



WHITEHEAD

110 mm – 4 ½ "	14-406-110
130 mm – 5 "	14-406-130
150 mm – 6 "	14-406-150



JENNINGS

90 mm – 3 ½ "	14-407-090
110 mm – 4 ¼ "	14-407-110
130 mm – 5 "	14-407-130
150 mm – 6 "	14-407-150



MAUNDER 1:2

	4 mm Ø
100 mm – 4 "	14-408-100

Holz
Wood
Bois
Madera
Legno



HEISTER 1:2

130 mm – 5 "	14-409-130

Mundsperrer
Mouth gags
Ouvre-bouches
Abrebocas
Apribocca



MOLT 1:2

110 mm – 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



FERGUSSON-ACK(1:2

145 mm – 5 ¾"	14-412-145



ROSER-KÖNIG

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 – 5¾"	14-414-000	14-414-090

Komplett mit Rahmen, 3 Zungenspateln und 2 beweglichen Seitenrahmen
Complete with frame, 3 tongue depressors and 2 adjustable lateral frames
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



60 x 27 mm	14-414-020



70 x 30 mm	14-414-030

Mundsperrer
Mouth gags
Ouvre-bouches
Abrebocas
Apribocca



KILNER-DOUGHTY

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

Griff
Handle
Manche
Mango
Manico

14-415-000	x	x	x	x

komplett
complete
compl
completa
completa

Mundsperrer
Mouth gags
Ouvre-bouches
Abrebocas
Apribocca



NEGUS

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

Griff
Handle
Manche
Mango
Manico

14-416-000	x	x	x	x

komplett
complete
compl
completa
completa

Mundsperrer
Mouth gags
Ouvre-bouches
Abrebocas
Apribocca



DAVIS-BOYLE

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

Griff
Handle
Manche
Mango
Manico

14-419-000	x	x	x	x	x

komplett
complete
compl
completa
completa

Mundsperrer
Mouth gags
Ouvre-bouches
Abrebocas
Apribocca

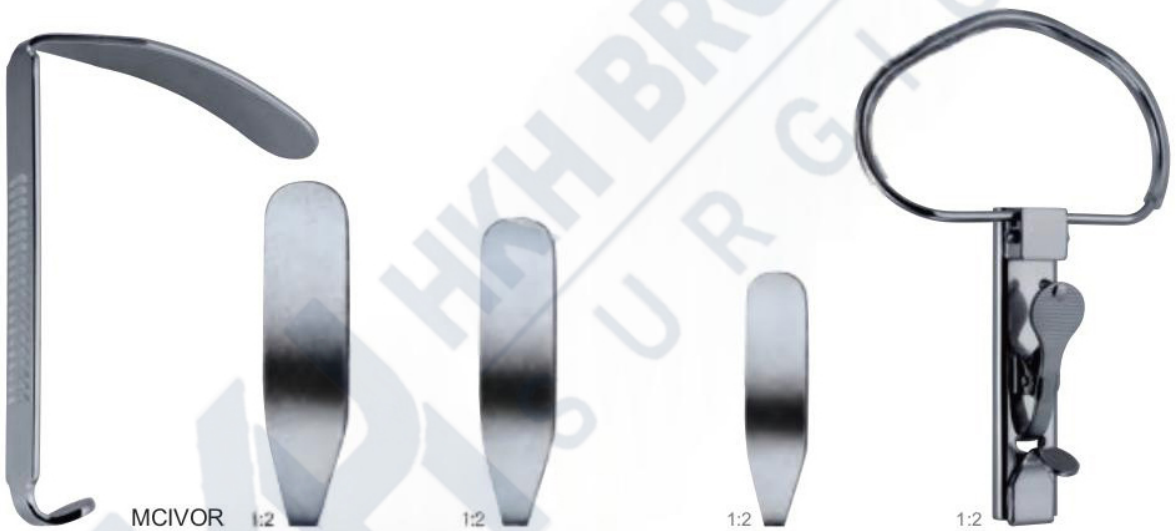


Fig. 1	Fig. 2	Fig. 3	
14-420-010	14-420-030	14-420-020	14-420-100
27 mm x 95 mm	22 mm x 85 mm	22 mm x 70 mm	

Griff
Handle
Manche
Mango
Manico

14-420-000	x	x	x	x

komplett
complete
compl
completa
completa

Kehlkopfspiegel
Laryngeal mirros
Miroirs laryngiens
Espejos laríngeos
Specchi laringei



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



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 – 9¾ "	
10 mm Ø	14-424-100	14-424-010
12 mm Ø	14-424-120	14-424-012
14 mm Ø	14-424-140	14-424-014
16 mm Ø	14-424-160	14-424-016
18 mm Ø	14-424-180	14-424-018

Spiegel beweglich
moveable mirror
miroir mobile
espejo movible
specchio mobile

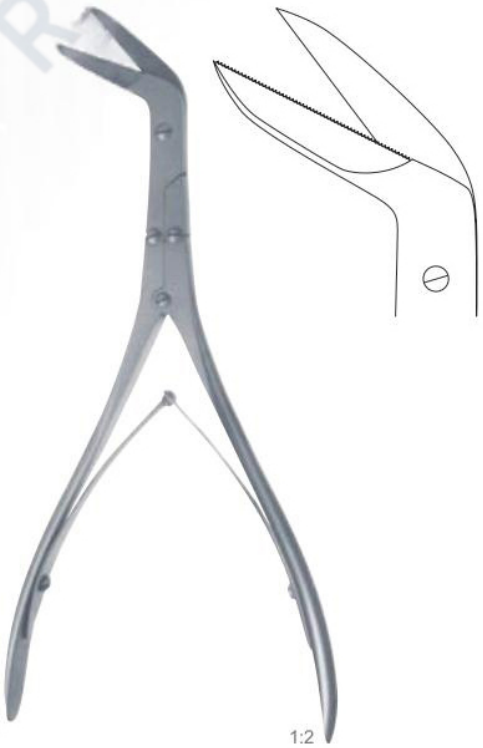
Spiegel alleine
mirror only
miroir seul
espejo sólo
specchio solo

Kehlkopfinstrumente
Laryngeal instruments
Instruments laryngiens
Instrumentos laríngeos
Strumenti laringei



REICHERT 1:2

230 mm – 9"	14-425-240



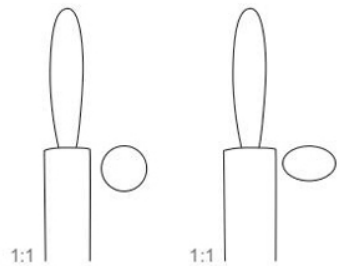
KILLIAN 1:2

200 mm – 8"	14-426-210

Laryngofissurschere
Laryngetomy scissors
Ciseaux laryngiens
Tijera laríngea
Forbici laringee

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





EVES

280 mm – 11 "	280 mm – 11 "
14-427-280	14-428-280

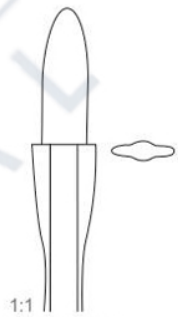




EVES

280 mm – 11 "
14-429-280



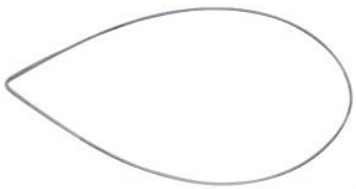


BRUENINGS

280 mm – 11 "
14-430-280



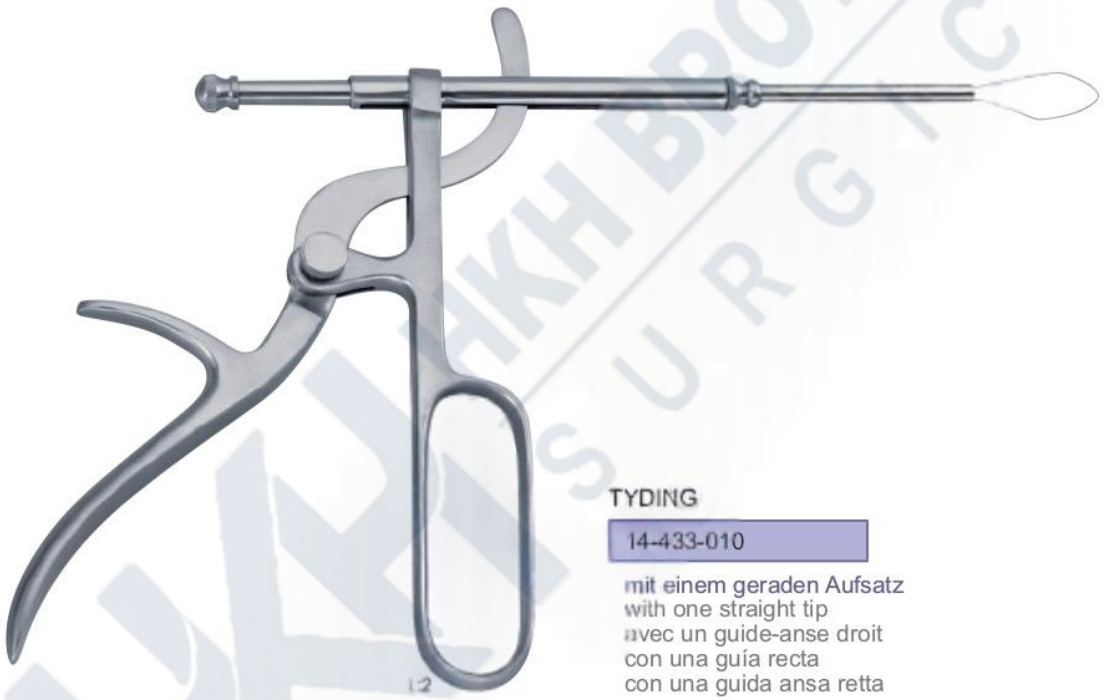
	10 m – 33 ft.
0.3 mm Ø	14-431-300
0.4 mm Ø	14-431-400



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

Packung mit 100 Stück
package of 100 pieces
paquet de100 pièces
paquete de 100 piezas
pacchetto da 100 pezzi

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



TYDING

	14-433-010

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



0.4 mm Ø x 10 cm	14-434-003

Packung mit 100 Stück
package of 100 pieces
paquet de100 pièces
paquete de 100 piezas
pacchetto da 100 pezzi

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



CARPENTER 1:2 1:1

250 mm – 9 ¾ "	14-435-250

Enukleator
Enucleator
Enucléateur pour amygdales
Enucleador para amígdalas
Enucleatore

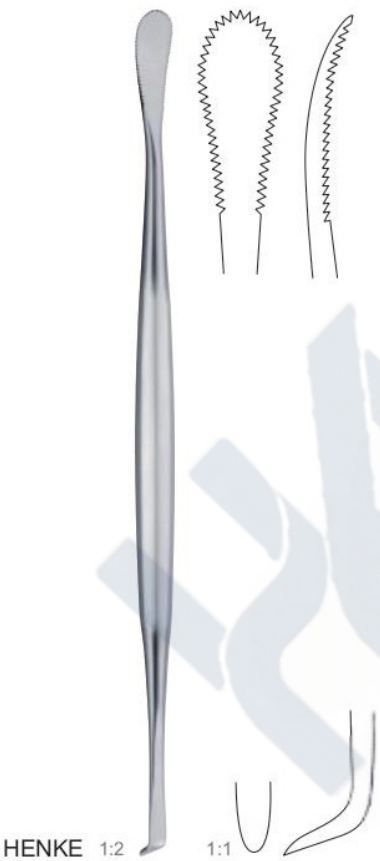


LUNIATSCHEK 1:2 1:1

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

Tonsillendissektor
Tonsils dissector
Dissecteur à amygdales
Disector para amígdalas
Dissettore tonsillare



HENKE 1:2 1:1

230 mm – 9"	14-438-230

Tonsillendissektor
Tonsils dissector
Dissecteur à amygdales
Disector para amígdalas
Dissettore tonsillare



HURD 1:2

225 mm – 8¾"	14-439-220

Tonsillendissektor
Tonsils dissector
Dissecteur à amygdales
Disector para amígdalas
Dissettore tonsillare

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



LEWIS

195 mm – 7 ¾ "	14-440-190

Tonsillenschraube
Tonsils screw
Tire amygdales
Tira amígdalas
Fissa tonsille



MARSCHIK

220 mm – 8 ¾ "	14-441-220

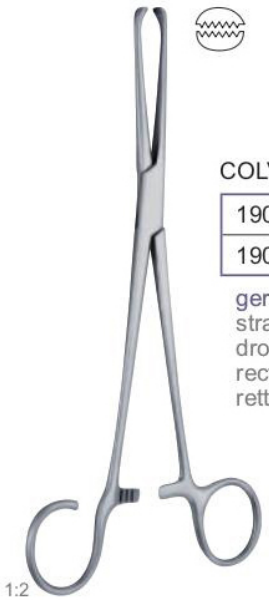
Tonsillen-Fasspinzette
Tonsils seizing forceps
Pince pour saisir les amygdales
Pinza prensora de amígdalas
Pinza da presa tonsille



BLOHMKE

200 mm – 8 "	14-442-200

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


1:2

COLVER

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

gerade	gebogen
straight	curved
droit	courbe
recto	curva
rette	curva



WHITE

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

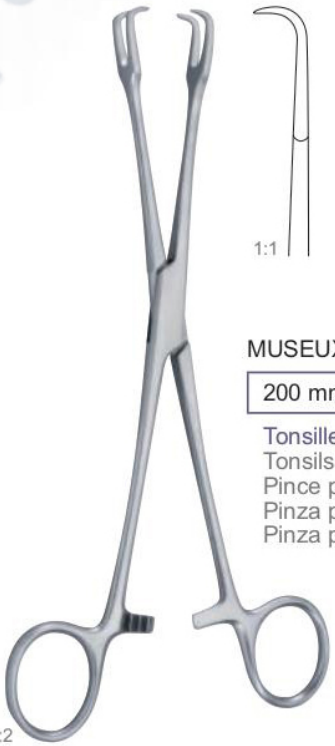
6 x 5


1:2

JACKSON

220 mm – 8 ¾"	14-446-220

Kehlkopfpinzette
Laryngeal forceps
Pince laryngienne
Pinza laríngea
Pinza laringea


1:2

1:1

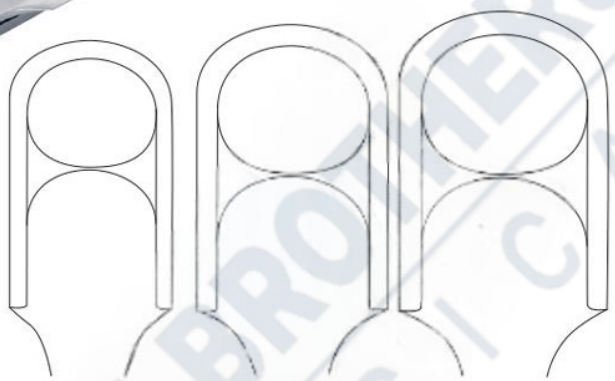
MUSEUX

200 mm – 8 "	14-447-200

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

Tonsillotome
Tonsillectomes
Amygdalatomes
Amigdalótomos
Tonsillotomi





SLUDER-BALLENGER

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

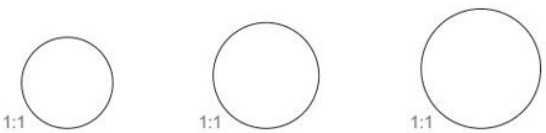
Griff
Handle
Manche
Mango
Manico

14-450-003	x	x	x	x

komplett
complete
compl
completa
completa



HARTMANN



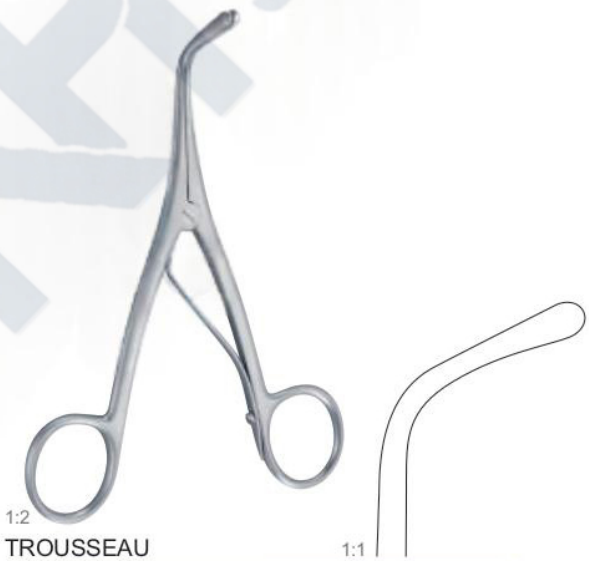
	13 mm Ø	15 mm Ø	17 mm Ø
x = 120 mm	14-451-013	14-451-015	14-451-017

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 1:1

TROUSSEAU

140 mm – 5 ½ "	14-453-140

Trachealkanülen
Trachea tubes
Canules pour la trachéotomie
Cánulas para la tráquea
Cannule tracheali



LUER STANDARD

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

Neusilber
German silver
Maillechort
Plata alemana
Argentone



1:2

UCKERMANN

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



CHEVALIER-JACKSON

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

Neusilber
German silver
Maillechort
Plata alemana
Argentone

Kropffasszangen – Kropfsonden
Goitre grasping forceps – Goitre enucleator
Pinces à goitre – Spatules à goitre
Pinzas para coger el bocio – Sondas para bocio
Pinze per gozzo – Sonde per gozzo



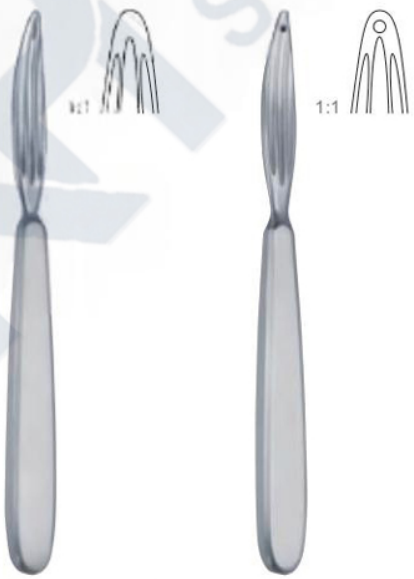
MASTIN 1:2

170 mm – 6 ½ "	14-458-170



LAHEY

150 mm – 6 "	14-459-150
200 mm – 8 "	14-459-200



KOCHER

150 cm – 6 "	14-460-150	14-461-150
160 mm – 6 ¼ "	14-460-160	14-461-160

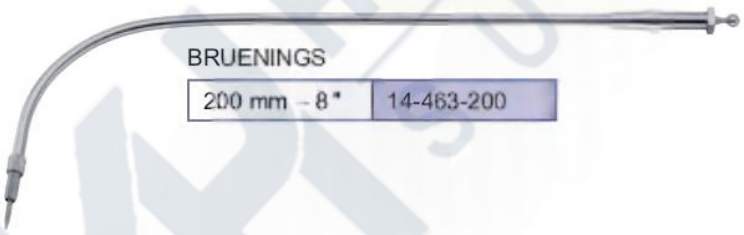
mit Loch
with hole
avec trou
con orificio
con foro

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



BRUENINGS

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



BRUENINGS

200 mm – 8"	14-463-200



HUBER 1:2

14-464-000

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



SEIFFERT

14-465-000



BRUENINGS

14-466-000	14-466-001	14-466-002



LANGE

14-467-000



SCHEINMANN

14-468-000



BRUENINGS

14-469-001	14-469-002



KRAUSE

14-470-001	14-470-002



FRAENKEL

14-471-000



CORDES

14-472-001	14-472-002



KRAUSE

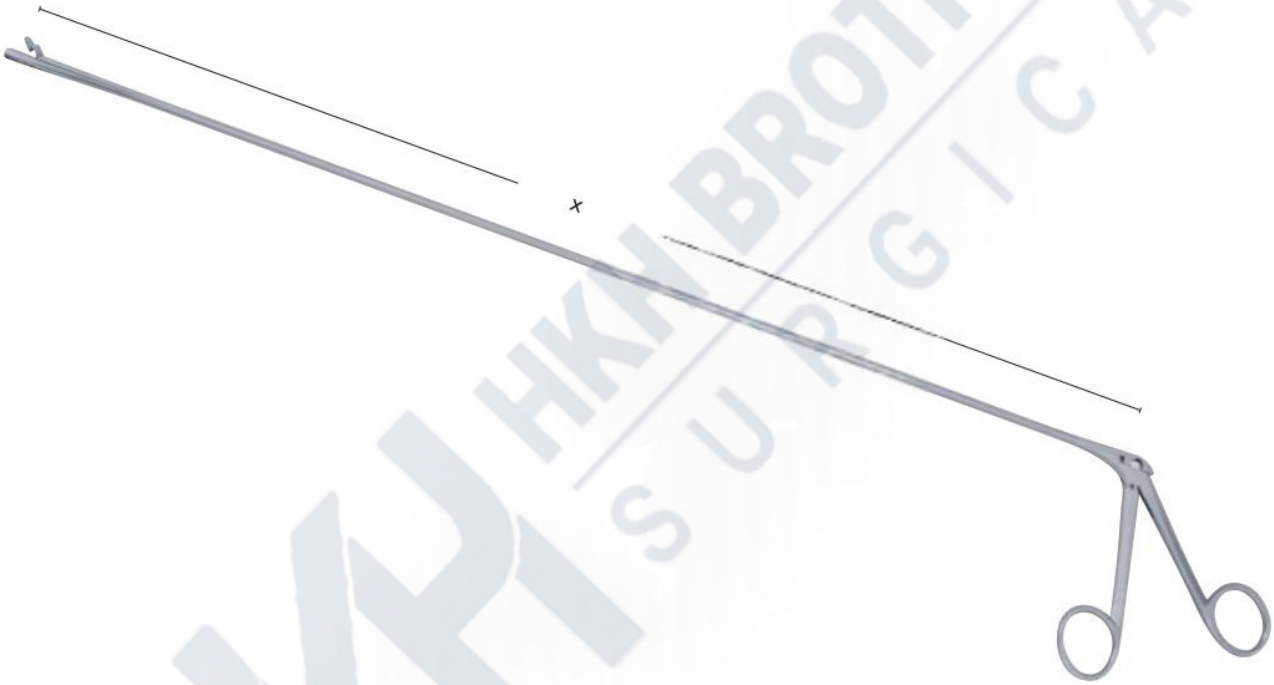
14-473-000



CORDES

14-474-001	14-474-002	14-474-003	14-474-004

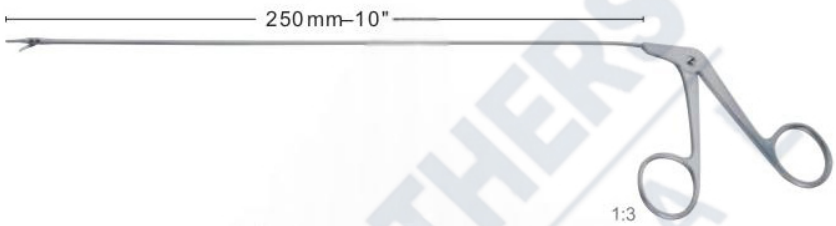
Broncho-Oesophagoskopiezangen
Broncho-oesophagoscopy forceps
Pinces pour broncho-oesophagoscopie
Pinzas para bronco-esofagoscopía
Pinze per bronco-oesophagoscopia



CHEVALIER-JACKSON	1:1 	1:1 	1:1 	1:1 
x = 300 mm – 12"	14-475-300	14-476-300	14-477-300	14-478-300
x = 400 mm – 16"	14-475-400	14-476-400	14-477-400	14-478-400
x = 500 mm – 20"	14-475-500	14-476-500	14-477-500	14-478-500
x = 600 mm – 23½"	14-475-600	14-476-600	14-477-600	14-478-600

	1:1 	1:1 	1:1 
x = 300 mm – 12"	14-479-300	14-480-300	14-481-300
x = 400 mm – 16"	14-479-400	14-480-400	14-481-400
x = 500 mm – 20"	14-479-500	14-480-500	14-481-500
x = 600 mm – 23½"	14-479-600	14-480-600	14-481-600

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



	14-482-004	14-482-021	14-482-023	14-482-006	14-482-005
Scheren	gerade	gerade horizontal	aufgebogen horizontal	rechts gebogen	links gebogen
Scissors	gerade	straight horizontal	angled up horizontal	curved right	curved left
Ciseaux	droit	droit horizontal	coudé en haut coupe horizontale	courbe à droite	courbe à gauche
Tijeras	recta	recta horizontal	curvada arriba horizontal	curvada a derecha	curvada a izquierda
Forbice	retta	retta orizzontale	curvata in alto orizzontale	curva a destra	curva a sinistra

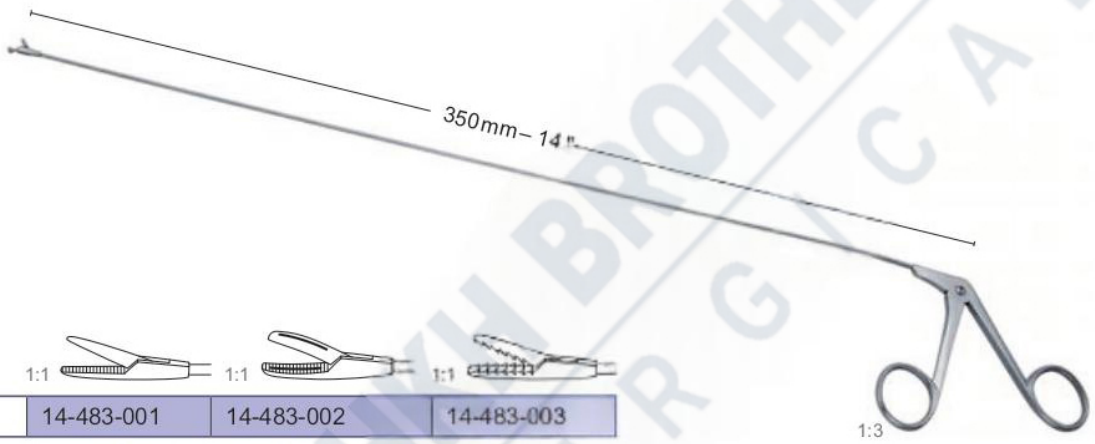
14-482-020
aufgebogen
angled up
coudé en haut
curvada arriba
curvata in alto

	14-482-001	14-482-018	14-482-019	14-482-003	14-482-002
Alligatorzangen	gerade, gerieft	gerade horizontal	aufgebogen horizontal	rechts gebogen	links gebogen
Alligator forceps	straight, serrated	straight horizontal	angled up horizontal	curved right	curved left
Pinces crocodile	droit, strié	droit horizontal	coudé en haut coupe horizontale	courbe à droite	courbe à gauche
Pinzas cocodrilo	recta, estriada	recta horizontal	curvada arriba horizontal	curvada a derecha	curvada a izquierda
Pinze coccodrillo	retta, zigrinata	retta orizzontale	curvata in alto orizzontale	curva a destra	curva a sinistra

2.5 mm ○	14-482-007	14-482-025	14-482-027	14-482-009	14-482-008
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 horizontale	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

3 x 5 mm ⬭	14-482-028
Löffelzange	oval
Cup shaped forc.	oval
Pince curette	ovale
Pinza cureta	oval
Pinza a cucchaio	ovale

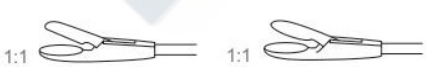
Mikro-Instrumente für Laryngo-Broncho-Oesophagoskopie
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	14-483-001	14-483-002	14-483-003
Fasszange	gerade, gerieft	gerade, gefenstert	gerade
Grasping forceps	straight, serrated	straight, fenestrated	gerade
Pince à saisir	droit, striée	droit, fenêtrée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



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

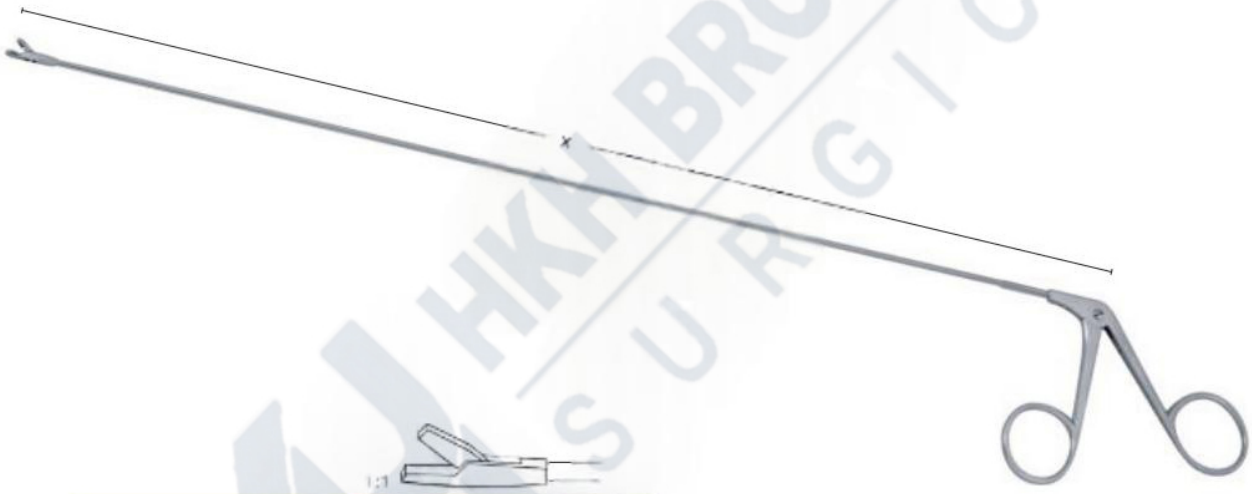


	2 mm x 5 mm	3 mm x 5 mm
	14-483-020	14-483-022
Löffelzangen	gerade	gerade
Cup shaped forc.	gerade	gerade
Pinces curettes	droit	droit
Pinzas cureta	recta	recta
Pinze a cucchaio	retta	retta



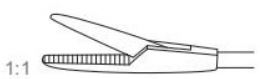
	14-483-024
Universalzange	gerade
Universal forceps	gerade
Pince universelle	droit
Pinza universal	recta
Pinza universale	retta

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x = 400 mm – 16"	14-484-002
x = 500 mm – 20"	14-485-002
x = 600 mm – 23½"	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 – 23½"	14-486-004	14-486-006	14-486-008

Fasszange	gerade, gerieft	gerade, gefenstert	gerade
Grasping forceps	straight, serrated	straight, fenestrated	gerade
Pince à saisir	droit, striée	droit, fenêtrée	droit
Pinza agarre	recta, estriada	recta, fenestrada	recta
Pinza da presa	retta, zigrinata	retta, fenestrata	retta

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	4 mm	4 mm	4 mm	4 mm
x = 400 mm – 16"	14-484-010	14-484-012	14-484-014	14-484-016
x = 500 mm – 20"	14-485-010	14-485-012	14-485-014	14-485-016
x = 600 mm – 23½"	14-486-010	14-486-012	14-486-014	14-486-016
Löffelzangen	gerade	aufgebogen	aufgebogen horizontal	rechts gebogen
Cup shaped forc.	gerade	angled up	angled up horizontal	curved right
Pinces curettes	droit	coudé en haut	coudé en haut coupe horizontal	courbe à droite
Pinzas cureta	recta	curvada arriba	curvada arriba horizontal	curvada a derecha
Pinze a cucchaio	retta	curvata in alto	curvata in alto orizzontale	curva a destra

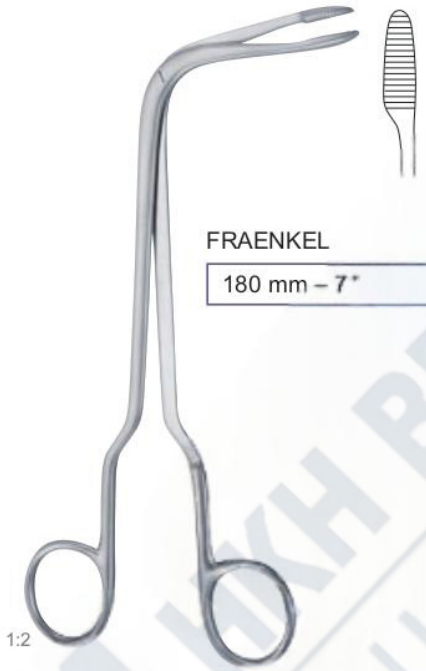


	4 mm	3 mm x 4 mm	4 mm x 6 mm	4 mm x 8 mm
x = 400 mm – 16"	14-484-018	14-484-020	14-484-022	14-484-024
x = 500 mm – 20"	14-485-018	14-485-020	14-485-022	14-485-024
x = 600 mm – 23½"	14-486-018	14-486-020	14-486-022	14-486-024
Löffelzangen	links gebogen	gerade	gerade	gerade
Cup shaped forc.	curved left	gerade	gerade	gerade
Pinces curettes	courbe à gauche	droit	droit	droit
Pinzas cureta	curvada a izquierda	recta	recta	recta
Pinze a cucchaio	curva a sinistra	retta	retta	retta



x = 400 mm – 16"	14-484-030
x = 500 mm – 20"	14-485-030
x = 600 mm – 23½"	14-486-030
Universalzange	gerade
Universal forceps	gerade
Pince universelle	droit
Pinza universal	recta
Pinza universale	retta

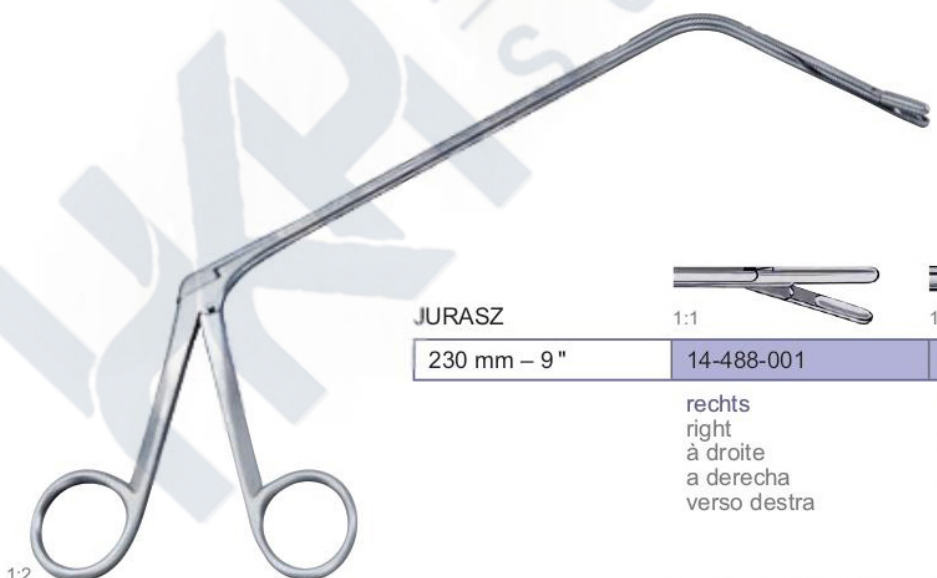
Kehlkopfpolypenzangen
Laryngeal polypus forceps
Pinces à polypes laryngiens
Pinzas para pólipos laríngeos
Pinze per polipi laringei



1:2

FRAENKEL

180 mm – 7"	14-487-180



1:2

JURASZ

1:1



1:1

230 mm – 9"	14-488-001	14-488-002
	rechts right à droite a derecha verso destra	links left à gauche a izquierda verso sinistra



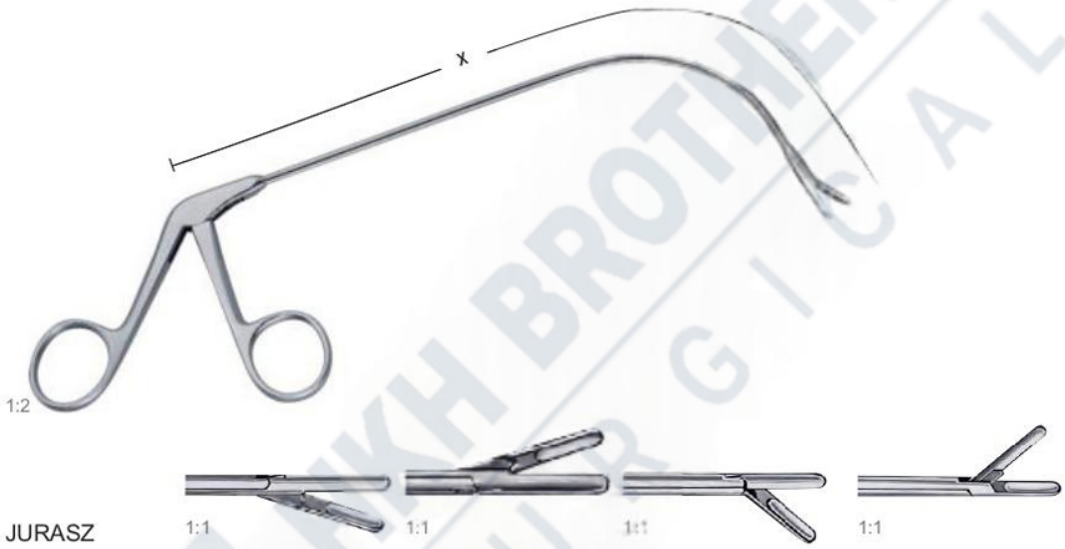
1:1



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



JURASZ

230 mm – 9"	14-489-001	14-489-002	14-489-003	14-489-004
	rechts right à droite a derecha verso destra	links left a 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

beide Maulteile beweglich
both jaws articulated
les deux mâchoires mobiles
las dos mandíbulas móviles
ambedue i morsi mobili

Ohrpolypenschnürer
Ear polypus snares

Serre noeuds auriculaires
Polipótomos auriculares
Serranodi auricolari



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



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

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



KRAUSE 1:2

160 mm – 6 ¼ "	14-152-160



KRAUSE-VOSS 1:2

160 mm – 6 ¼ "	14-153-160



LANGE-WILDE 1:2

170 mm – 6 ¾ "	14-154-160