

OTOLOGY





100-102-100

XENON OP Stirnleuchte, Stirrband schwarz, KI-Kabel geteilt, Stirrband mit Kopfbügel

XENON OP Headlight, black head band, super light-weight, leather padded FO cable bifurcated, top headband

Distanz/Distance	Spot Ø
20 cm	11 mm - 67 mm
30 cm	12 mm - 101 mm
40 cm	13 mm - 136 mm
50 cm	14 mm - 172 mm
60 cm	16 mm - 208 mm



100-103-100

Kopfleuchte mit Kaltlichtkabel Adaptern zur Verwendung an üblichen Kaltlichtquellen, mit Lederpolsterung

Head Light with light cable for use with all common light sources, with leather pad at silicone band



100-104-000

CLAR

Stirnlampe 55, komplett, 6 V, mit Celluloidband

Head Light 55, complete, 6 V, with Celluloidband

100-104-001

Weißes Stirrband aus Celluloid allein, zur Stirnlampe 100-104-000

White celluloid headband only, for head light 100-104-000

100-104-002

Reflektor allein, für Stirnlampe 100-104-000

Mirror only, for head light 100-104-000

100-104-006

Ersatz-Birnchen allein, 6Volt

Spare bulb, 6 volt



100-103-120

FO Mini Stirnleuchte STANDARD, fokussierbar,
ergonomisches Stirnband, 2,6mm Ø FO Kabel
FO Head Light STANDARD, focussable, ergonomical
head band, 2.6mm Ø FO cable



100-103-400

LED Kopfleuchte mit Li-Ionen Batterie, Stirnband mit
stufenlosem Einstellrad, inkl. Ladegerät
LED Head light with Li-Ion battery, head band with
stepless regulation wheel, including charger



100-100-002

ZIEGLER

Stirnband aus Kunststoff allein, schwarz
Headband, plastic, black

100-100-003

ZIEGLER

Stirnband aus Kunststoff allein, weiß
Headband, plastic, white



250-039-000



250-038-000



250-048-000



250-051-000



250-037-000



250-044-000



250-045-000



250-052-000



250-059-000

Adapterstücke / Adaptor pieces

HINWEIS: nicht für Stirnlampen passend

NOTE: does not fit at head lamps

250-039-000 RZ/Storz

250-038-000 ACMI/British Standard CUDA

250-048-000 Luxtec

250-051-000 Stryker

250-037-000 Wolf

250-044-000 Olympus

250-045-000 Olympus - Standard

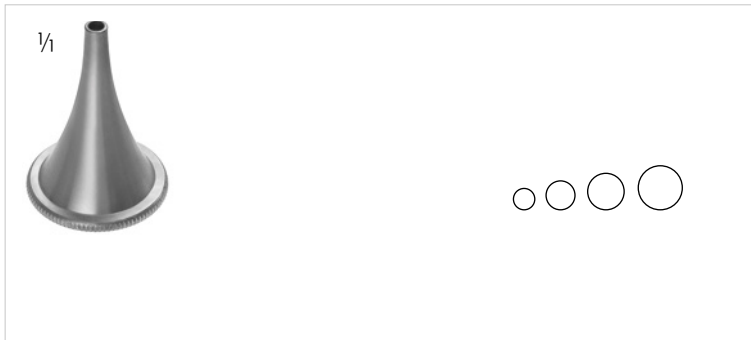
250-052-000 Heine

250-059-000 Pentax



100-610-100

Kopflupe, 1.8 x Vergrößerung mit verstellbarem Kopfband
Head Loup, 1.8x magnification with adjustable head band

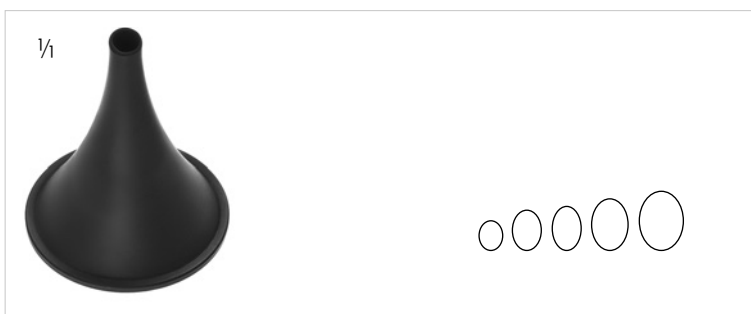


- 410-009-003 Innen/inner Ø: 2mm, Außen/outer Ø: 3mm
 410-009-004 Innen/inner Ø: 3mm, Außen/outer Ø: 4mm
 410-009-005 Innen/inner Ø: 4mm, Außen/outer Ø: 5mm
 410-009-006 Innen/inner Ø: 5mm, Außen/outer Ø: 6mm
 410-009-100 Satz aus 4 Teilen / Set of 4 pieces

POLTZER

Ohrspekula rund, gerade, 19mm Ø Rändel, 27mm Länge, rostfrei, für Kinder

Aural Speculum round, 19mm knurl Ø, straight, 27mm length, stainless, for children

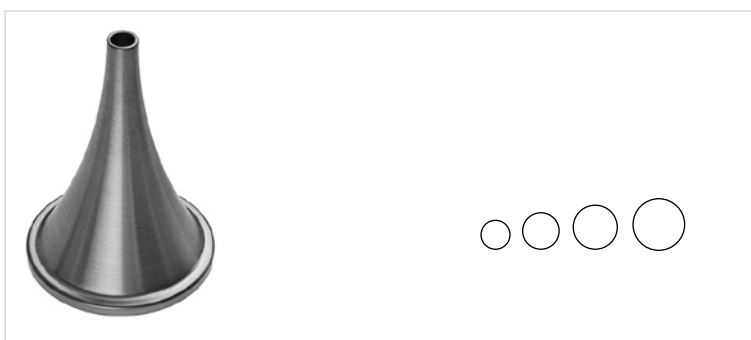


- 410-011-001 Außen/outer Ø: 3.3x4.1mm
 410-011-002 Außen/outer Ø: 4.0x5.5mm
 410-011-003 Außen/outer Ø: 5.0x7.5mm
 410-011-004 Außen/outer Ø: 6.0x8.5mm
 410-011-005 Außen/outer Ø: 7.0mmx9.5mm
 410-011-100 Satz aus 5 Teilen / Set of 5 pieces

SHEA

Ohrspekula oval, abgeschrägt, geschwärzt, 38mm Länge

Aural Speculum oval, angled, black finish, 38mm length

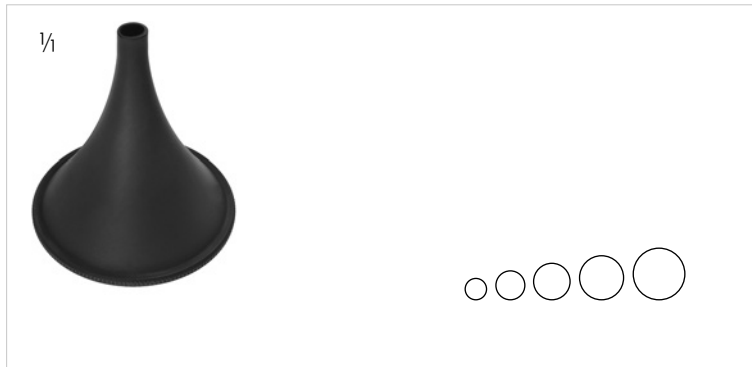


- | | Innen/inner Ø | Außen/outer Ø |
|-------------|-----------------------------------|---------------|
| 410-014-004 | 3mm | 4mm |
| 410-014-005 | 4mm | 5mm |
| 410-014-006 | 5mm | 6mm |
| 410-014-007 | 6mm | 7mm |
| 410-014-100 | Satz aus 4 Teilen/Set of 4 Pieces | |

TOYNBEE

Ohrspekula rund, gerade 36mm Länge

Aural Speculum round, straight, 36mm length



- 410-016-001 Außen/outer Ø: 3mm, rund/round
 410-016-002 Außen/outer Ø: 4mm, rund/round
 410-016-003 Außen/outer Ø: 5mm, rund/round
 410-016-004 Außen/outer Ø: 6mm, rund/round
 410-016-005 Außen/outer Ø: 7mm, rund/round

ROSEN

Ohrspekula gerade, geschwärzt, 38mm Länge
 Aural Speculum straight, black finish, 38mm length



- 410-018-004 Innen/inner Ø: 3mm, Außen/outer Ø: 4mm
 Länge/length: 31mm
 410-018-005 Innen/inner Ø: 4mm, Außen/outer Ø: 5mm
 Länge/length: 32mm
 410-018-006 Innen/inner Ø: 5mm, Außen/outer Ø: 6mm
 Länge/length: 33mm
 410-018-007 Innen/inner Ø: 6mm, Außen/outer Ø: 7mm
 Länge/length: 34mm
 410-018-008 Innen/inner Ø: 7mm, Außen/outer Ø: 8mm
 Länge/length: 35mm
 410-018-085 Innen/inner Ø: 7.6mm, Außen/outer Ø: 8.5mm
 Länge/length: 36mm
 410-018-009 Innen/inner Ø: 8mm, Außen/outer Ø: 9mm
 Länge/length: 36mm
 410-018-010 Innen/inner Ø: 8mm, Außen/outer Ø: 10mm
 Länge/length: 37mm

BOUCHERON

Ohrspekula rund, gerade, verchromt
 Ear speculum, round, straight end, chrome plated



- Erwachsene/Adult: 36mm Länge/length
 410-019-030 Außen/outer Ø: 3mm
 410-019-040 Außen/outer Ø: 4mm
 410-019-050 Außen/outer Ø: 5mm
 410-019-060 Außen/outer Ø: 6mm
 410-019-075 Außen/outer Ø: 7.5mm

Kinder/Children: 27mm Länge/length

- 410-019-003 Außen/outer Ø: 3mm
 410-019-004 Außen/outer Ø: 4mm
 410-019-005 Außen/outer Ø: 5mm

HARTMANN

Ohrspekula rund, gerade, rostfrei
 Aural Speculum round, straight, stainless



	Innen/inner Ø	Außen/outer Ø
410-021-001	3x4mm	3.8x4.8mm
410-021-002	4x5mm	4.8x5.8mm
410-021-003	4.5x5.5mm	5.3x6.3mm
410-021-004	5x6mm	5.8x6.8mm
410-021-005	5.5x6.5mm	6.3x7.3mm
410-021-006	6x7mm	6.8x7.8mm
410-021-007	6.5x7.5mm	7.3x8.3mm
410-021-008	7x8mm	7.8x8.8mm
410-021-009	7.5x8.5mm	8.3x9.3mm
410-021-000	Satz mit 9 Stück Set of 9 pieces	

FARRIOR

Ohrspekula oval, gerade, 43mm, rostfrei
Aural Speculum oval, straight, 43mm, stainless



	Innen/inner Ø	Außen/outer Ø
410-022-001	3.3mm	4.1mm
410-022-002	4.3mm	5.1mm
410-022-003	4.8mm,	5.6mm
410-022-004	5.3mm	6.1mm
410-022-005	5.8mm	6.6mm
410-022-006	6.3mm	7.1mm
410-022-007	6.7mm	7.5mm
410-022-008	7.2mm	8.0mm
410-022-009	7.7mm	8.5mm
410-022-000	Satz aus 9 Teilen Set of 9 Pieces	

FARRIOR

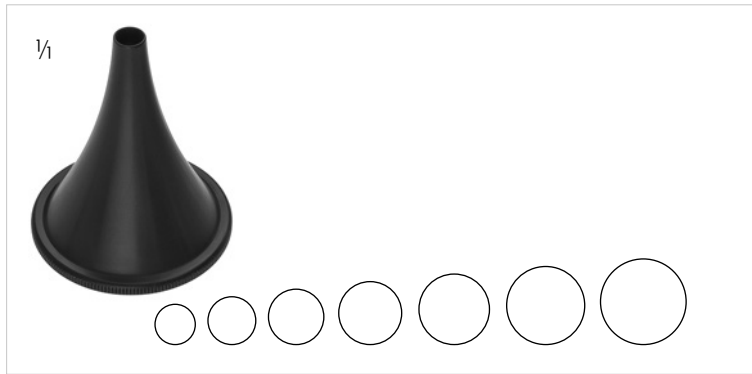
Ohrspekula rund, gerade, 35mm Ø Rändel, 43mm Länge, rostfrei
Aural Speculum round, 35mm knurl Ø, straight, 43mm length, stainless



	Innen/inner Ø	Außen/outer Ø
410-023-001	3x4mm	3.8x4.8mm
410-023-002	4x5mm	4.8x5.8mm
410-023-003	4.5x5.5mm	5.3x6.3mm
410-023-004	5x6mm	5.8x6.8mm
410-023-005	5.5x6.5mm	6.3x7.3mm
410-023-006	6x7mm	6.8x7.8mm
410-023-007	6.5x7.5mm	7.3x8.3mm
410-023-008	7x8mm	7.8x8.8mm
410-023-009	7.5x8.5mm	8.3x9.3mm
410-023-000	Satz mit 9 Stück Set of 9 pieces	

FARRIOR

Ohrspekula oval, 20° abgeschrägt, 43mm, rostfrei
Aural Speculum oval, 20° oblique end, 43mm, stainless



	Innen/inner Ø	Außen/outer Ø
410-024-001	4.5mm	5.5mm
410-024-002	5.5mm	6.5mm
410-024-003	6.5mm	7.5mm
410-024-004	7.5mm	8.5mm
410-024-005	8.5mm	9.5mm
410-024-006	9.5mm	10.5mm
410-024-007	10.5mm	11.5mm

FARRIOR

Ohrspekula rund, gerade, 36mm, geschwärzt
Aural Speculum round, 36mm straight end, black finish



	Innen/inner Ø	Außen/outer Ø
410-032-050	4mm	5mm
410-032-060	5mm	6mm
410-032-070	6mm	7mm

HOLMGREN

Ohrspekula, selbsthaltend, geschwärzt
Aural Speculum, self retaining, black finish



	Innen/inner Ø	Außen/outer Ø
410-132-001	4.5x5.5mm	5.5x6.5mm
410-132-002	5.5x6.5mm	6.5x7.5mm
410-132-003	6.5x7.5mm	7.5x8.5mm
410-132-004	7.5x8.5mm	8.5x9.5mm
410-132-005	8.5x9.5mm	9.5x10.5mm
410-132-006	9.5x10.5mm	10.5x11.5mm

ZOELLNER

Ohrspekula oval, gerade, geschwärztes Aluminium, 38mm Länge
Aural Speculum oval, straight, black finished aluminium, 38mm length

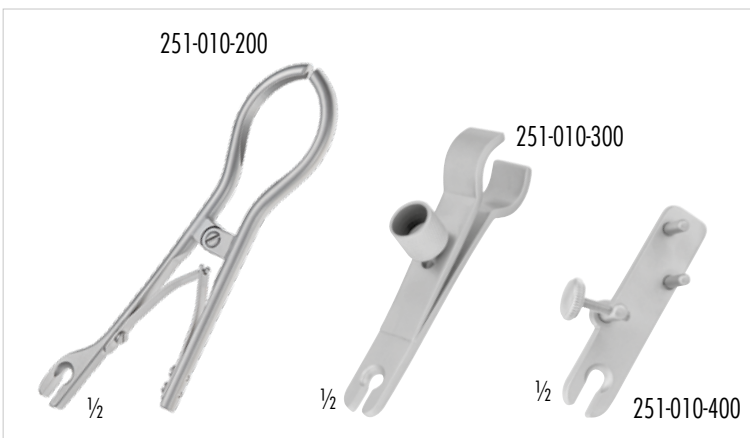


250-066-275

LEYLA

Ohrspekulahalter komplett, einstellbar zum Befestigen an Kopfbügel oder Stange des OP-Tisches. Der Arm wird durch den Spannhebel über einen Exzenter gespannt und in fixe Stellung gebracht.

Aural specula holder, flexible, for attaching to head bow or to the railing of operating table. The flexible part can be put in any fixed position by means of the wing-screw attached to an eccentric.



251-010-200

Ohrspekula Halter für flexiblen Spannarm
Aural specula holder for flexible arm

251-010-300

Endoskop Halterung für flexiblen Spannarm
Endoscope clamp for flexible arm

251-010-400

Nasenspekula Halterung für flexiblen Spannarm
Nasal specula clamp for flexible arm



251-010-000

RZ

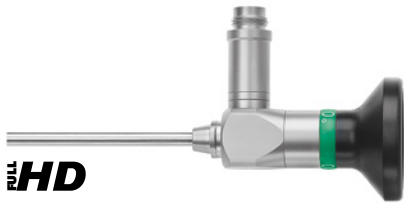
Flexibler Arm komplett mit Haltestange ohne Gelenkkloben

Flexible Arm complete with holding rod without Rotating Clamp

251-010-100

Gelenkkloben für flexiblen Spannarm zur Befestigung am OP-Tisch

Rotating clamp for flexible tension arm attachable to operating table



410-004-000

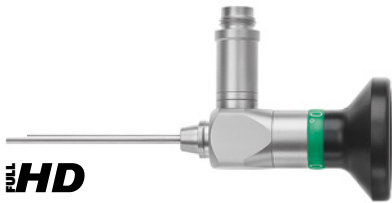
Otoskop, 0°, Ø 4 mm, Arbeitslänge 50 mm

Otoscope, 0°, Ø 4 mm, working length 2 inch

410-004-030

Otoskop, 30°, Ø 4 mm, Arbeitslänge 50 mm

Otoscope, 30°, Ø 4 mm, working length 2 inch



410-027-000

Otoskop, 0°, Ø 2,7 mm, Arbeitslänge 75mm

Otoscope, 0°, Ø 2.7 mm, working length 2 ¾ inch

410-027-030

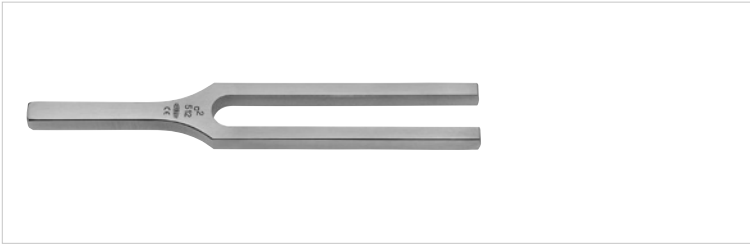
Otoskop, 30°, Ø 2,7 mm, Arbeitslänge 75mm

Otoscope, 30°, Ø 2.7 mm, working length 2 ¾ inch

410-027-070

Otoskop, 70°, Ø 2,7 mm, Arbeitslänge 75mm

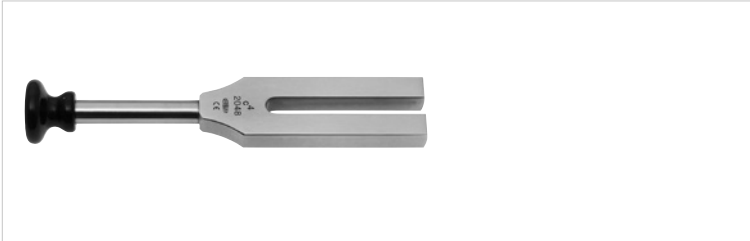
Otoscope, 70°, Ø 2.7 mm, working length 2 ¾ inch



410-185-010 = c 128 410-185-110 = c1 256
 410-185-210 = c2 512 410-185-310 = c3 1024
 410-185-410 = c4 2048 410-185-510 = c5 4096

HARTMANN

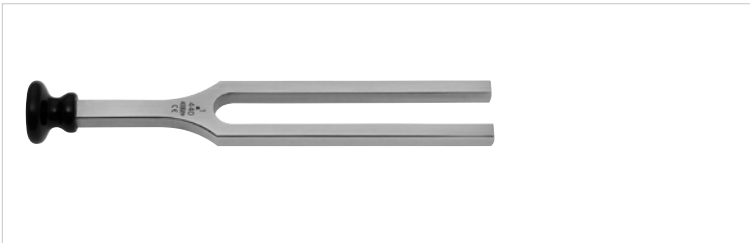
Stimmgabel
 Tuning fork



410-174-128 = c 128 410-174-256 = c1 256
 410-174-512 = c2 512 410-174-102 = c3 1024
 410-174-204 = c4 2048

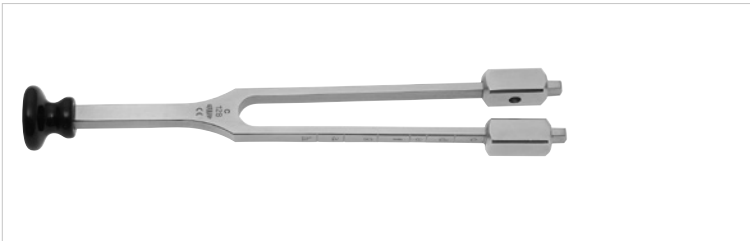
LUCAE

Stimmgabel mit Fuß
 Tuning fork with platform



410-190-440 = c1 440

Stimmgabel mit Fuß
 Tuning fork with platform



410-175-128 = c 128

LUCAE

Stimmgabel für den Neurologen, mit Fuß und Dämpfer
 Tuning fork (for neurologists), with platform and clamps



410-195-010 = c 128

410-195-110 = c1 256

HARTMANN

Stimmgabel mit Dämpfer
 Tuning fork with clamps



410-180-125 = c 64 oder/or c 128

RYDEL-SEIFFER

Stimmgabel mit Fuß, mit Dämpfer c 64,
 ohne Dämpfer c 128, abnehmbar
 Tuning fork with platform, with clamp c 64,
 without clamp c 128, detachable



410-180-010 = c 128 410-180-020 = c1 256

410-180-030 = c2 512 410-180-040 = c3 1024

Stimmgabel aus einer Aluminium-Speziallegierung
 Tuning fork, aluminum-alloy



410-185-200

HARTMANN

Stimmgabelsatz in Etui, enthaltend:

Tuning fork set in case containing:

410-195-010	= c	128
410-195-110	= c1	256
410-185-210	= c2	512
410-185-310	= c3	1024
410-185-410	= c4	2048
410-185-510	= c5	4096



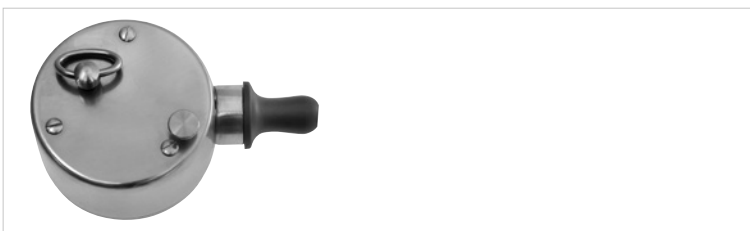
410-195-000

HARTMANN

Stimmgabelsatz in Etui, enthaltend:

Tuning fork set containing:

410-195-010	= c	128
410-195-110	= c1	256
410-185-210	= c2	512
410-185-310	= c3	1024
410-185-410	= c4	2048



410-227-000

BARANY

Lärmtrommel mit Ohrolive

Noise instrument apparatus, with aural piece



410-797-050 50 ml
410-797-100 100 ml

SYRINGE

Ohrspritze komplett, Ganzmetallausführung mit konischem und abgerundetem Aufsatz

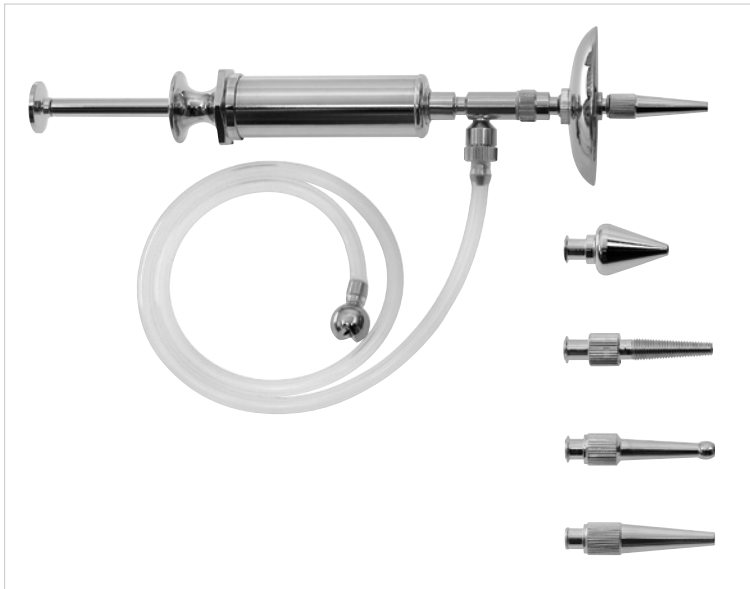
Aural syringe, all metal, complete with conical and bulbous pipe

410-798-100 110ccm

SYRINGE

Ohrspritze komplett, **Glasausführung** mit konischem und abgerundetem Aufsatz

Aural syringe, **Glas edition**, complete with conical and bulbous pipe



410-800-000

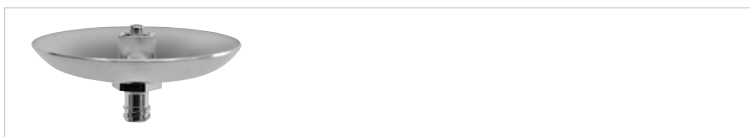
Ohrspritze komplett, 10 ml selbstfüllend, Ganzmetallausführung, verchromt, mit Luer-Lock-Ansatz bestehend aus:

Aural syringe, 10 ml, all metal chromium plated, for easy continous one hand filling and emptying. Luer-Lock attachment, consisting of:

410-800-100 Spritze, Ventilaufsatz, Saugfuß, Schutzteller
Syringe, valve attachment, metal sinker, Protection shield

410-800-020 Plastikschauch, 600 mm,
Außen-Ø 5 mm, Innen-Ø 2 mm
Plastic tube, 600 mm long,
outside 5 mm, inside 2 mm

410-800-050 Set mit 4 Aufsätzen
Set with 4 tips



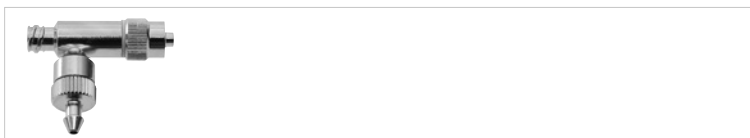
410-800-040

Schutzteller
Protection shield



410-800-030

Saugfuß
Metal sinker



410-800-010

Ventilaufsatz
Valve attachment



410-200-000

POLITZER

Luftdusche mit Metallkonus

Air douche, with metal cone



410-276-072	410-276-074	410-276-076	410-276-078	410-276-080
○	○	○	○	○
Ø 2,0 mm	Ø 2,5 mm	Ø 3,0 mm	Ø 3,5 mm	Ø 4,0 mm

410-276-072

Ø 2,0 mm

410-276-074

Ø 2,5 mm

410-276-076

Ø 3,0 mm

410-276-078

Ø 3,5 mm

410-276-080

Ø 4,0 mm

HARTMANN

Tubenkatheter

Eustachian catheter



410-205-000

KABERSKE

Pulverbläser komplett mit 3 Aufsätzen und Gummiball

Atomizer, complete with 3 metal tips and rubber bulb

410-205-100

Gummiball allein

Rubber bulb only

410-205-001

Aural Kanüle, gerade, 100 mm

Aural cannula, straight tip, 4 inch



410-205-001



410-205-002



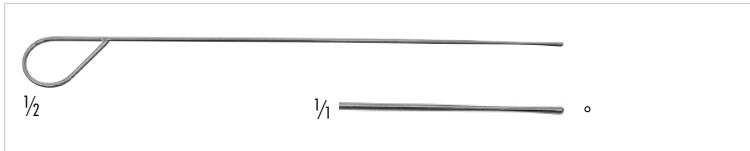
160-131-105

STACKE

Ø 0,8 mm

Ohrsonde, 100 mm

Aural probe, 4 inch



160-131-140

CAWTHORNE

Ohrsonde, mit Ringgriff und abgeflachter Spitze, 140 mm

Probe, ring handled and flattened end, 5 1/2 inch



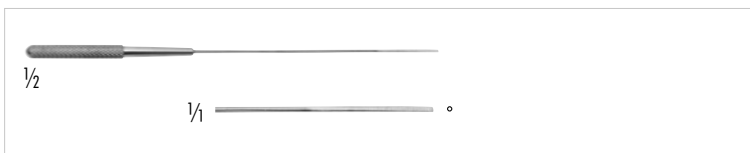
160-410-120

BUCK

Ø 0,9 mm

Ohrwatteträger, Arbeitsende spiralförmig, 120 mm

Cotton Applicator, rough spiral serrated end, 4 3/4 inch



160-420-110

MODELL PICCOLO

Ø 0,7 mm

Ohrwatteträger, Arbeitsende rund gerieft, 110 mm

Cotton applicator, slender, round serrated end, 4 1/2 inch



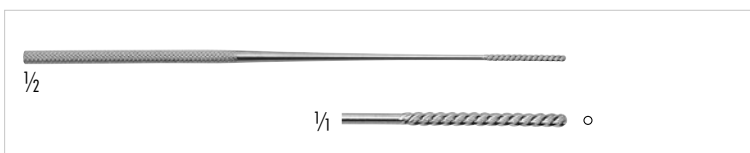
160-421-110

MODELL PICCOLO

Ø 0,7 mm

Ohrwatteträger, Arbeitsende dreikant gerieft, 110 mm

Cotton applicator, slender, triangular serrated end, 4 1/2 inch



160-422-110 110 mm/4 1/2 inch

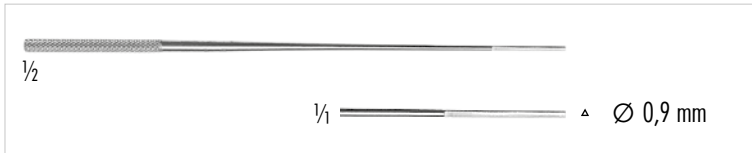
160-422-140 140 mm/5 1/2 inch

FARRELL

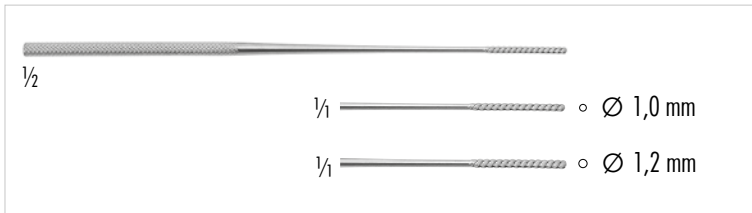
Ø 1,2 mm

Ohrwatteträger, Arbeitsende rund gerieft

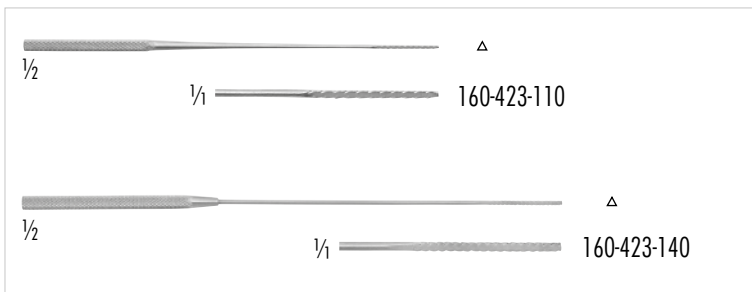
Cotton applicator, round serrated end



160-426-120 120mm, 4 ¾ inch
 160-426-140 140mm, 5 ½ inch
 Ohrwatteträger, Arbeitsende dreikant gerieft, Ø 0,9 mm
 Cotton applicator, triangular serrated end, Ø 0.9 mm



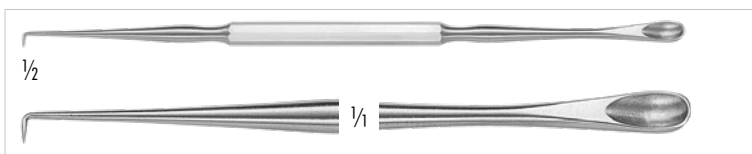
160-010-140 Ø 1,0 mm
 160-012-140 Ø 1,2 mm
 Ohrwatteträger, Arbeitsende spiralförmig, 140 mm
 Cotton applicator, spiral serrated end, 5 ½ inch



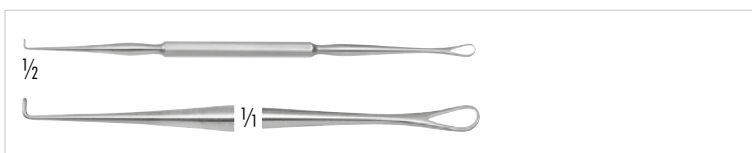
160-423-110 110 mm, 4 ½ inch
 160-423-140 140mm, 5 ½ inch
LATHBURY-FARRELL
 Ohrwatteträger, Arbeitsende dreikant gerieft, Ø 1,4 mm
 Cotton applicator, triangular serrated end, Ø 1.4 mm



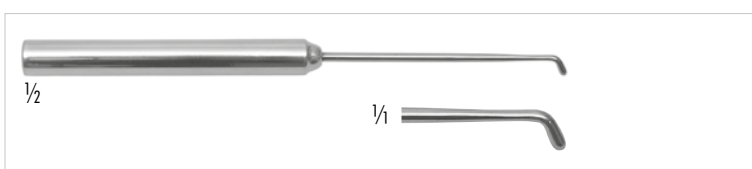
160-255-140 140 mm, 5 ½ inch
 160-255-180 180 mm, 7 inch
JOBSON HORNE
 Ohrsonde
 Aural probe



410-145-175 spitz/pointed
 410-146-175 stumpf/blunt
FORMBY
 Zerumenlöffel und - haken, 130 mm
 Cerumen scoop and hook, 5 ⅞ inch



410-147-175 spitz/pointed
 410-148-175 stumpf/blunt
FORMBY
 Zerumenschlinge und - haken, 120 mm
 Cerumen loop and hook, 4 ¾ inch



410-147-145
CAWTHORNE
 Zerumenhaken, 145 mm
 Cerumen hook, 5 ½ inch



410-581-160

ALLPORT

Ohrhäkchen, stumpf, 160 mm

Aural hook, blunt, 6 1/4 inch

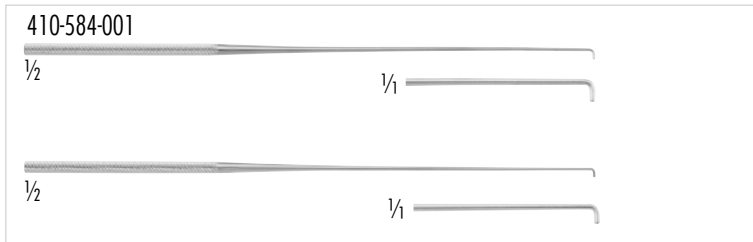


410-583-150

ZAUFGAL-JANSEN

Ohrhebel, geknüpft, 45° abgewinkelt, 150 mm

Aural hook, probe ended, 45° angled, 6 inch



410-584-001

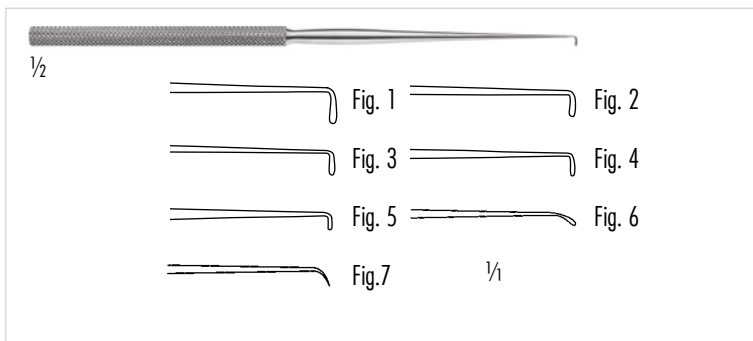
410-584-001 Fig. 1

410-584-002 Fig. 2

DAY

Ohrhäkchen, 150 mm

Aural hook, 6 inch



410-585-001 Fig. 1

410-585-002 Fig. 2

410-585-003 Fig. 3

410-585-004 Fig. 4

410-585-005 Fig. 5

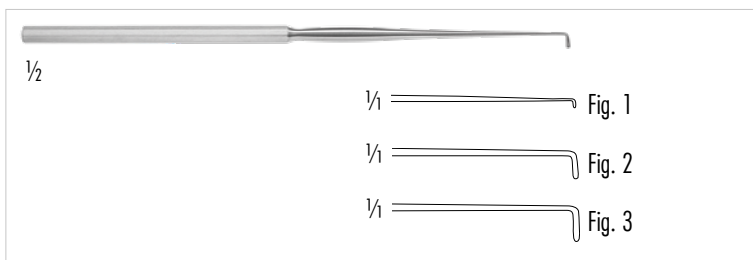
410-585-006 Fig. 6

410-585-007 Fig. 7

WAGENER

Ohrhebel, 140 mm

Aural hook, 5 1/2 inch



410-586-141 Fig. 1

410-586-142 Fig. 2

410-586-143 Fig. 3

LUCAE

Ohrhebel, geknüpft, 140 mm

Aural hook, probe ended, 5 1/2 inch

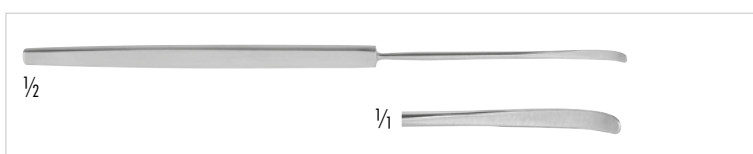


410-584-180

MUSGROVE

Zerumennadel und Watteträger, 180 mm

Cerumen pick and cotton applicator, 7 inch

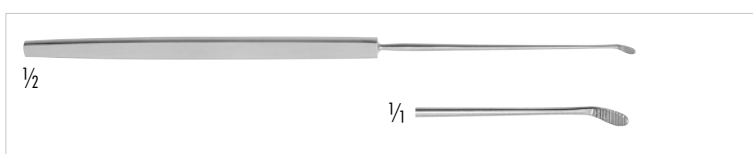


410-583-160

ZAUFGAL

Ohrhebel, stumpf, 160 mm

Aural elevator, blunt, 6 1/4 inch

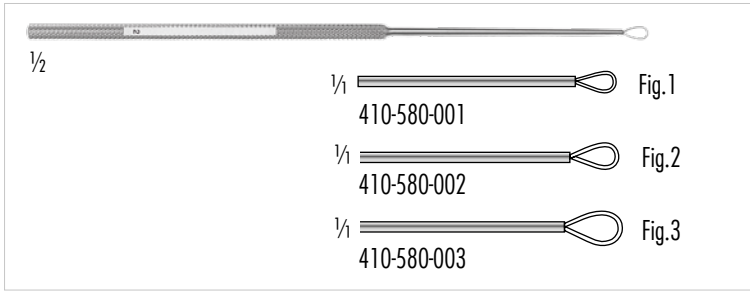


410-584-160

MOLDENHAUER

Fremdkörperhebel, 160 mm

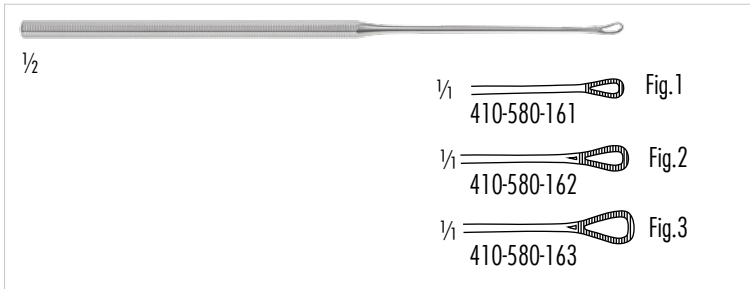
Foreign body elevator, 6 1/4 inch



410-580-001 Fig.1
410-580-002 Fig.2
410-580-003 Fig.3

BILLEAU

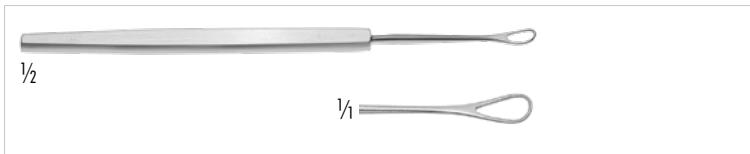
Ohrschlinge, gerade, 160 mm
Aural loop, straight, 6 1/4 inch



410-580-161 Fig.1
410-580-162 Fig.2
410-580-163 Fig.3

SNELLEN (WEBER-LOCH)

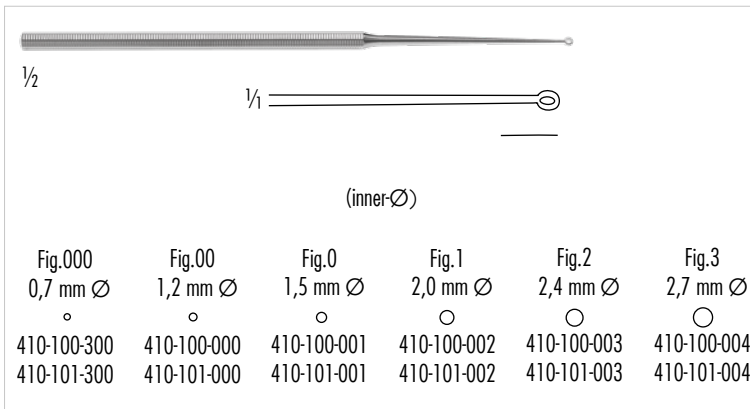
Ohrschlinge, gebogen, gerieft, 160 mm
Aural loop, curved, serrated, 6 1/4 inch



410-580-130

LANGENBECK

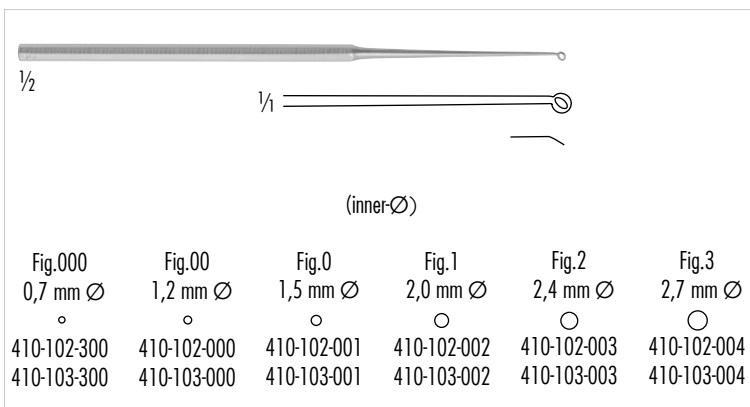
Ohrschlinge, stumpf, leicht gebogen, 130 mm
Aural loop, blunt, slightly curved, 5 inch



stumpf/blunt	scharf/sharp
410-100-000	410-101-000
410-100-001	410-101-001
410-100-002	410-101-002
410-100-003	410-101-003
410-100-004	410-101-004
410-100-300	410-101-300

BUCK

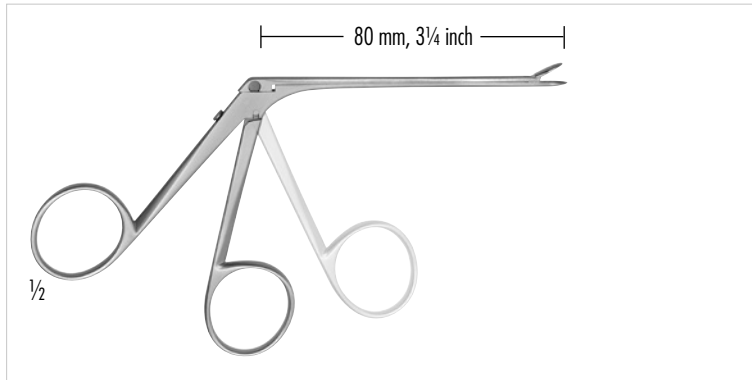
Ohrkürette, gerade, 150 mm
Aural curette, straight, 6 inch



stumpf/blunt	scharf/sharp
410-102-000	410-103-000
410-102-001	410-103-001
410-102-002	410-103-002
410-102-003	410-103-003
410-102-004	410-103-004
410-102-300	410-103-300

BUCK

Ohrkürette, gebogen, 150 mm
Aural curette, curved, 6 inch



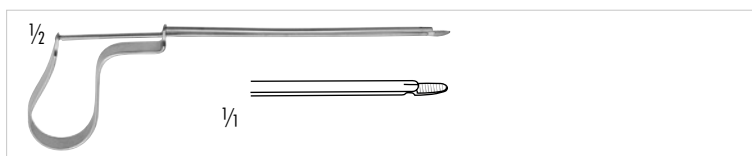
Fremdkörper- Ohrzängchen zur Untersuchung, **Zeigefingerringteil**
beweglich, mit Schiebescraft
Aural foreign body forceps for examination, opening and closing of the
jaws by means of **finger ring-handle**, sliding shaft



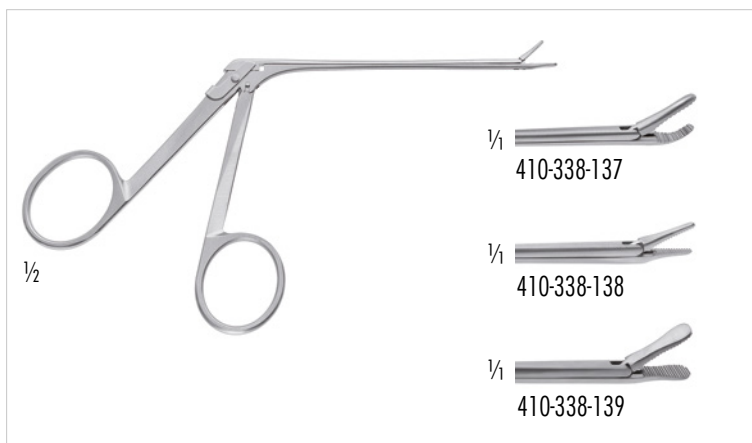
410-210-085 1 x 8 mm, gerieftes Maulteil/serrated jaws
410-215-085 1 x 8 mm, glattes Maulteil/smooth jaws
HARTMANN
Faßzängchen, gerade
Aural forceps, straight



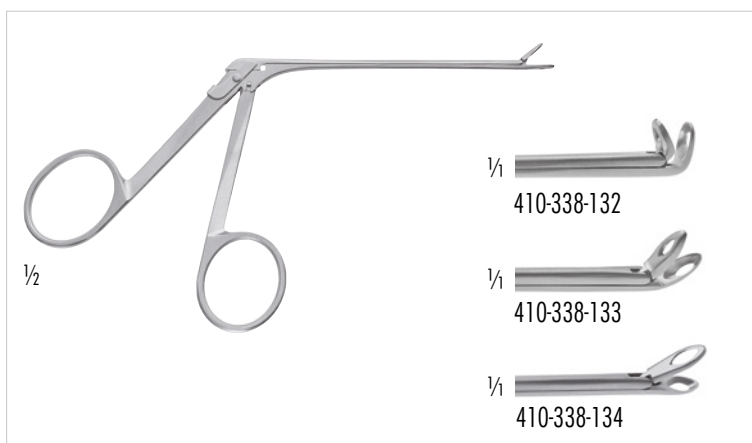
410-211-085 2 x 6 mm
HARTMANN
Faßzängchen, gerade, 1 x 2 Zähne
Aural forceps, straight, 1 x 2 teeth



410-330-090
QUIRE
Fremdkörperinstrument, 90 mm
Aural forceps for removal of foreign bodies, 3 1/2 inch



410-338-137 **WEINGARTNER**, 7 mm Maullänge/7 mm
jaws
links gebogen/left curved
410-338-138 **HOUSE** 8 mm gerieft/8 mm serrated
410-338-139 **DUCKBILL** 8 mm gerieft/8 mm serrated
Ohrzängchen, Arbeitslänge: 87 mm
Ear Forceps, Working length: 3 1/8 inch



410-338-132 90° aufwärts/90° upwards, 2.5 x 6.0 mm
410-338-133 45° aufwärts/45° upwards, 2.5 x 6.5 mm
410-338-134 gerade/straight, 2.5 x 7.0 mm
STRUEMPEL
Ohrzängchen, Arbeitslänge: 87 mm
Ear Forceps, Working length: 3 1/8 inch

HARTMANN-HERZFELD

Ohrzängchen, Arbeitslänge: 87 mm

Ear Forceps, Working length: 3 1/8 inch

410-338-135 2 mm Löffel/2 mm spoon

410-338-136 2,5 mm Löffel/2.5 mm spoon

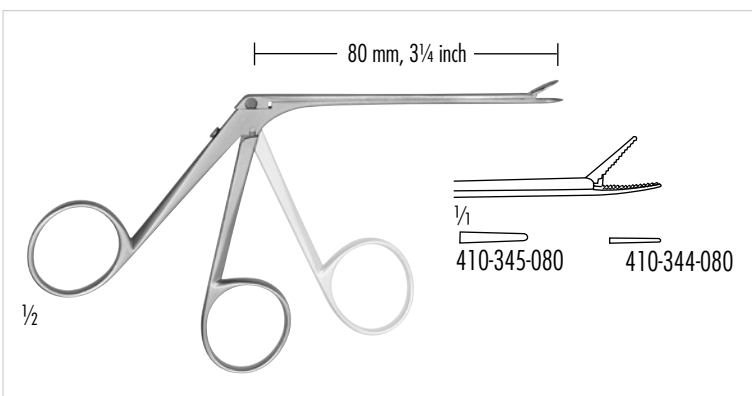
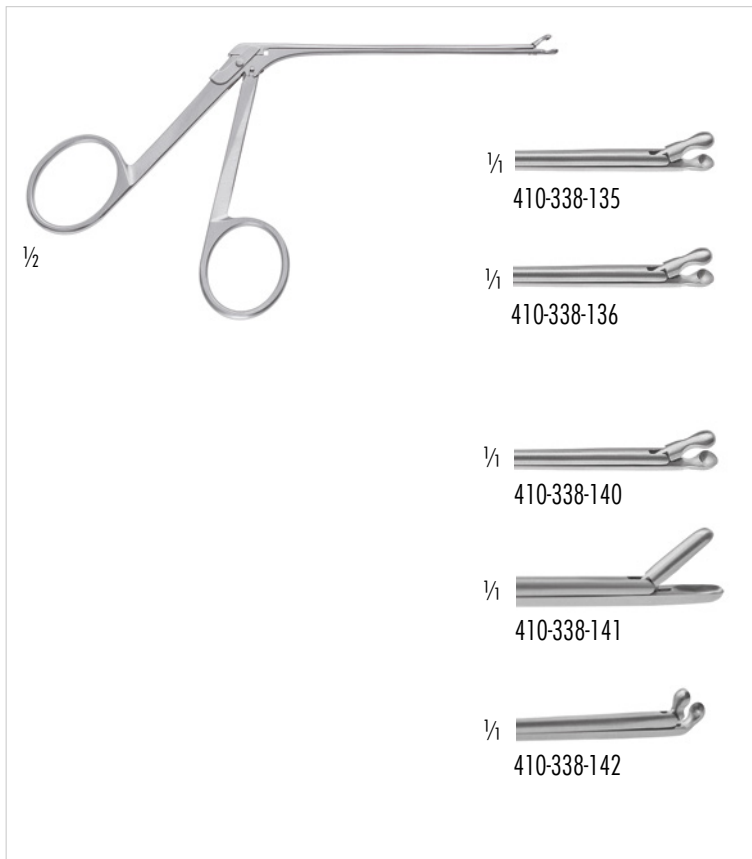
410-338-140 3 mm Löffel/3 mm spoon

410-338-141 2x6 mm Löffel/2x6 mm spoon

410-338-142 2 mm Löffel, aufgebogen
2 mm spoon, curved upwards

Ohrzängchen, Arbeitslänge: 87 mm

Ear Forceps, Working length: 3 1/8 inch



Fremdkörper- Ohrzängchen zur Untersuchung, feine Ausführung,

Zeigefingerringteil beweglich, mit Schiebeschäft

Aural foreign body forceps for examination, extra fine pattern, opening and closing of the jaws by means of **finger ring-handle**, sliding shaft

410-345-080 0,8 x 6 mm

HARTMANN-WULLSTEIN

Faßzängchen, gerade

Aural forceps, straight

410-344-080 0,8 x 4 mm

HARTMANN-WULLSTEIN

Faßzängchen, gerade

Aural forceps, serrated jaws, straight

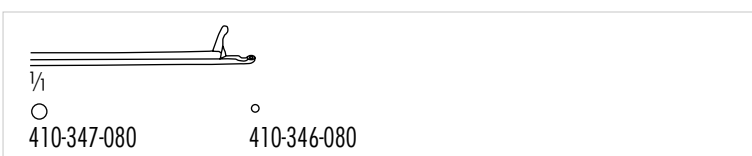
410-346-080 1 mm

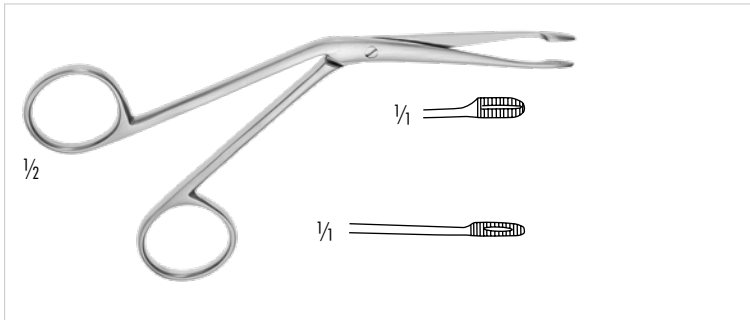
410-347-080 2 mm

HARTMANN-WULLSTEIN

Löffelzängchen, gerade, runder Löffel

Aural forceps, cup-shaped, straight, round cup





410-230-140

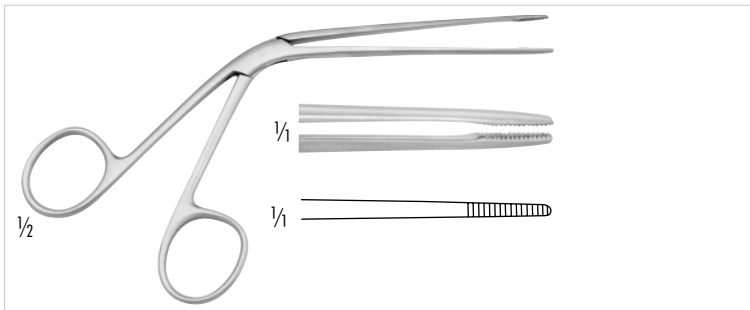
HARTMANN

Ohrtamponzange, kräftiges Modell, 120 mm
Aural tampon forceps, strong pattern, 4 ¾ inch

410-230-120

HARTMANN

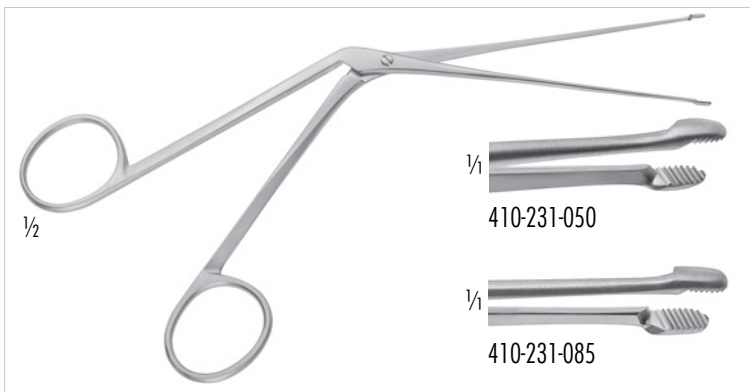
Ohrtamponzange, feines Modell, 135 mm
Aural tampon forceps, delicate pattern, 5 inch



410-231-140

TILLEY

Ohrtamponzange, extra feines Modell, 140 mm
Aural tampon forceps, extra fine pattern, 5 ½ inch



410-231-050

TOBEY

Ohrzängchen, 4mm Maullänge, 50mm Länge von der
Schraube bis zur Maulspitze
Ear Forceps, 4mm long jaws, 50mm length from
screw till jaw tip

410-231-085

CORGILL

Ohrzängchen, 4mm Maullänge, 85mm Länge von der
Schraube bis zur Maulspitze
Ear Forceps, 4mm long jaws, 85mm length from screw till jaw tip



410-391-140

LUCAE

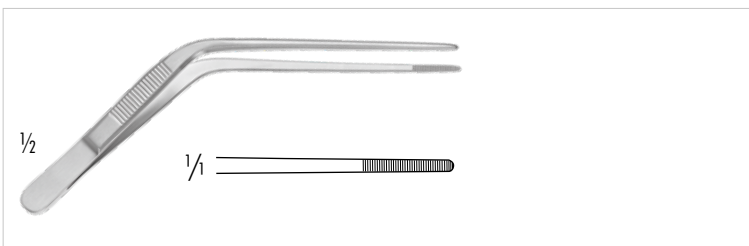
Ohrpinzette, anatomisch, bajonettförmig, 140 mm
Aural dressing forceps, bayonet shaped, 5 1/2 inch



410-375-100

TROELTSCH

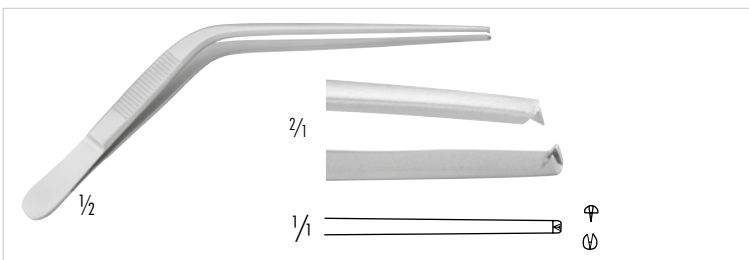
Ohrpinzette, fein und klein, gerieft, 45 mm Nutzlänge
Aural dressing forceps, delicate and small, serrated,
45 mm working length



410-375-120

TROELTSCH

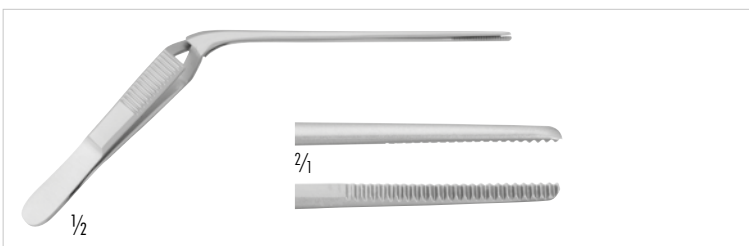
Ohrpinzette, anatomisch, kniegebogen, 1,8 mm breit, 115 mm
Aural dressing forceps, angled, tip 1,8 mm, serrated, 4 1/2 inch



410-377-120

TROELTSCH

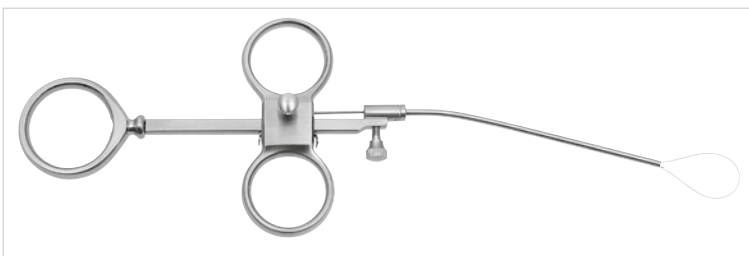
Ohrpinzette, chirurgisch, 1 x 2 Zähne, kniegebogen, 125 mm
Aural tissue forceps, 1 x 2 teeth, knee bent, 5 inch



410-381-130

TROELTSCH

Ohrpinzette, anatomisch, selbst schließend, kniegebogen, 130 mm
Aural dressing forceps, knee bent, cross action, serrated, 4 1/8 inch



410-410-160

KRAUSE

Ohrpolypenschnürer, 165 mm
Aural snare, 6 1/2 inch



410-411-100 Ø 0,2 mm

Ohrpolypen-Schlingendraht

Bestelleinheit: PH=Packung á 100 Stück

Aural snare wire

Sales unit: PH=Package of 100 pieces



410-350-150

POLITZER

Ohr-Furunkelmesser, 160 mm

Aural Sickle knife, 6 1/4 inch

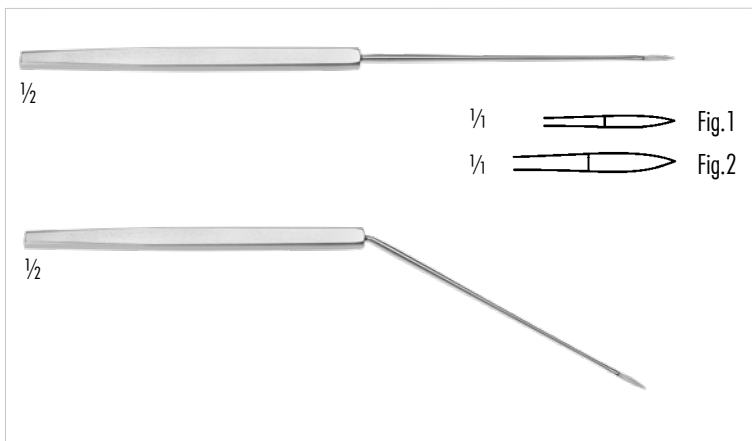


410-352-170

SEXTON

Ohr-Furunkelmesser, bajonettförmig, 170 mm

Aural Sickle knife, bayonet-shaped, 6 3/4 inch



410-354-180 Fig. 1 gerade/straight

410-355-180 Fig. 2 gerade/straight

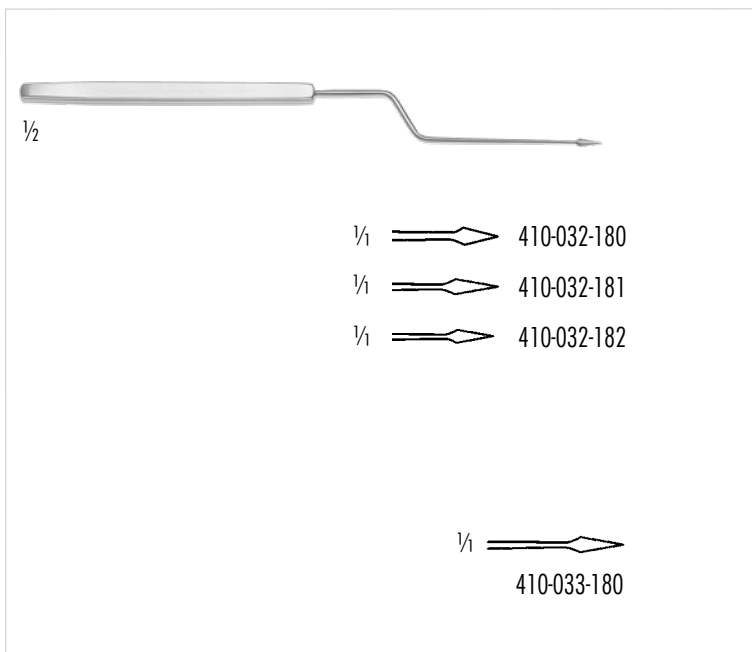
410-357-180 Fig. 1 kniegebogen/knee bent

410-358-180 Fig. 2 kniegebogen/knee bent

SEXTON

Trommelfellmesser, 180 mm

Ear drum knife, 7 inch



410-031-180

LUCAE

Paracentese-Nadel, bajonettförmig, für Kinder, 160 mm

Tympanum perforator, bayonet-shaped, for children, 6 1/4 inch

410-032-180 Spitze/tip 2.0 mm

410-032-181 Spitze/tip 1.8 mm

410-032-182 Spitze/tip 1.5 mm

LUCAE

Paracentese-Nadel, bajonettförmig, für Erwachsene,

senkrecht, 190 mm

Tympanum perforator, bayonet-shaped,

for adults, vertical, 7 1/2 inch

410-033-180

LUCAE

Paracentese-Nadel, bajonettförmig, für Erwachsene,

waagrecht, 180 mm

Tympanum perforator, bayonet-shaped, for adults,

horizontal, 7 inch



410-030-160

POLITZER

Paracentese-Nadel, gerade, 183 mm

Tympanum perforator, straight, 7 1/4 inch

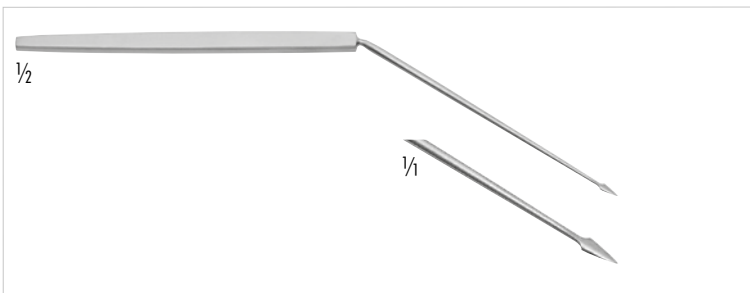


410-031-140

JACOBSON

Ohrhäkchen, 140mm

Ear hook, 5 1/2 inch



410-032-160

POLITZER

Paracentese-Nadel, kniegebogen, senkrecht, 160 mm

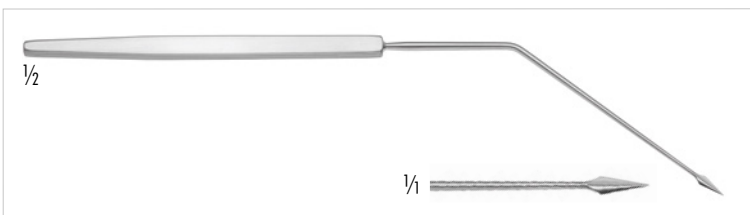
Tympanum perforator, knee bent, vertical, 6 1/4 inch

410-033-160

POLITZER

Paracentese-Nadel, waagrecht, kniegebogen, 160 mm

Tympanum perforator, knee bent, horizontal, 6 1/4 inch

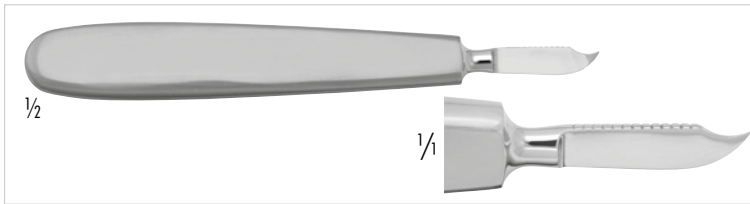


410-032-175

AGNEW (POLITZER)

Paracentesis Nadel, kniegebogen, 180 mm

Paracentesis needle, knee bent, 7 inch



210-394-150

MUCK

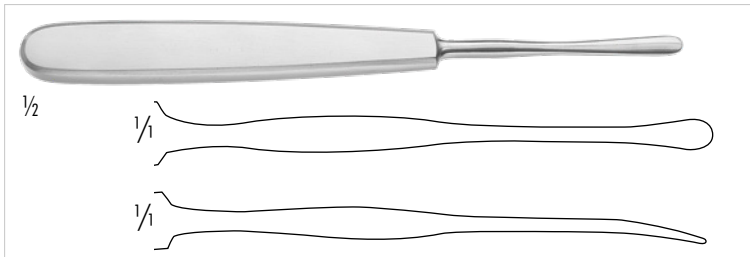
Periostmesser, 150 mm
Periosteal knife, 6 inch



210-395-130

POLITZER

Mastoidmesser, 130 mm
Mastoid knife, 5 1/8 inch



210-395-175

SEBILEAU

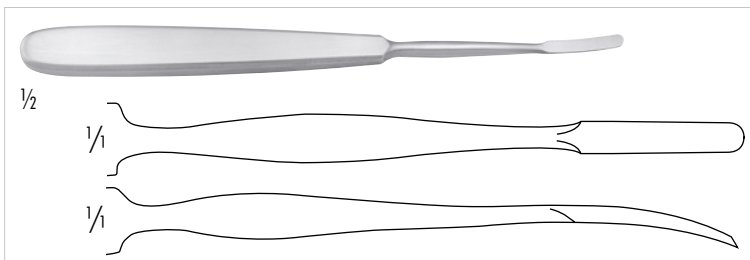
Elevatorium, 5 mm breit, 175 mm
Elevator, 5 mm wide, 7 inch



431-630-007	7mm	431-630-006	6mm
431-630-009	9mm	431-630-011	11mm

OBWEGESER

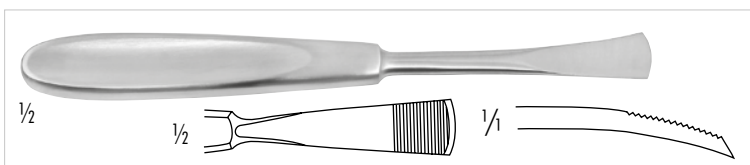
Raspatorium, 9 mm breit, 175 mm
Periosteal Elevator, 9 mm wide, 7 inch



210-396-160

JOSEPH

Raspatorium, leicht gebogen, 160 mm
Periosteal Elevator, slightly curved, 6 1/4 inch



210-303-165

JANSEN

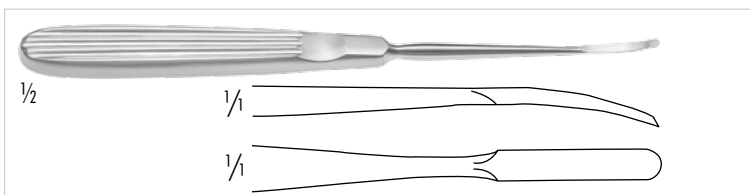
Raspatorium, gebogen, 15 mm breit, 165 mm
Periosteal Elevator, curved, 15 mm wide, 6 1/2 inch



210-397-185

LEMPERT

Raspatorium, halbscharf, 185 mm
Periosteal Elevator, semi sharp, 7 1/4 inch



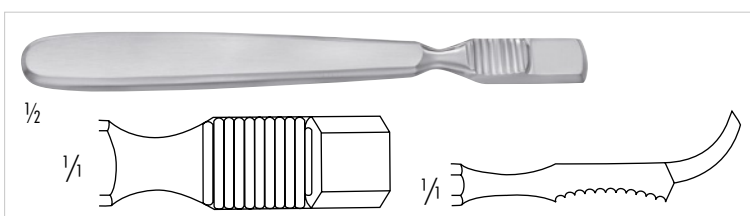
420-530-165 2mm

420-531-165 3mm

420-532-165 4mm

JOSEPH

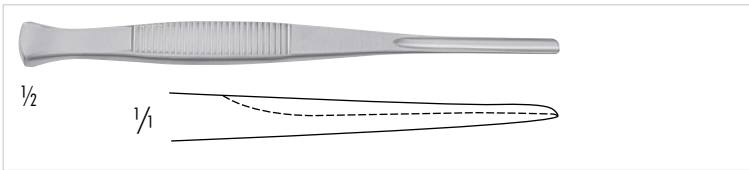
Septum Raspatorium, leicht gebogen, 160 mm
Septum Raspatory, slightly curved, 6 1/4 inch



210-311-150

FARABEUF

Raspatorium, gebogen, 140 mm
Periosteal Elevator, curved cutting edge, 5 1/2 inch

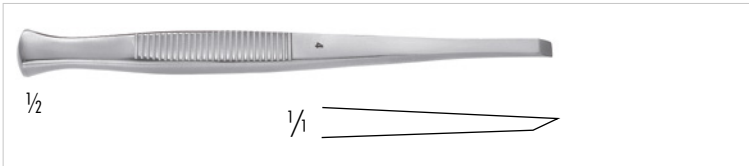


210-109-002 3 mm
210-109-005 5 mm
210-109-007 7 mm

210-109-004 4 mm
210-109-006 6 mm

PARTSCH

Hohlmeissel, gerade, 140 mm
Gouge, straight, 5 1/2 inch

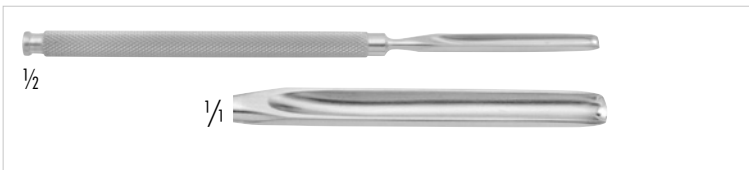


210-303-135 3 mm
210-305-135 5 mm
210-307-135 7 mm

210-304-135 4 mm
210-306-135 6 mm

PARTSCH

Flachmeissel, gerade, 140 mm
Chisel, straight, 5 1/2 inch



210-160-004 4 mm
210-160-006 6 mm

BRUENINGS

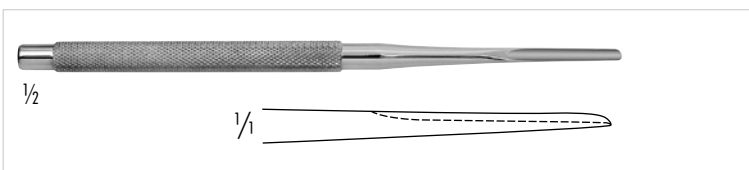
Hohlmeissel, 160 mm
Gouge, 6 1/4 inch



210-160-104 4 mm
210-160-106 6 mm

BRUENINGS

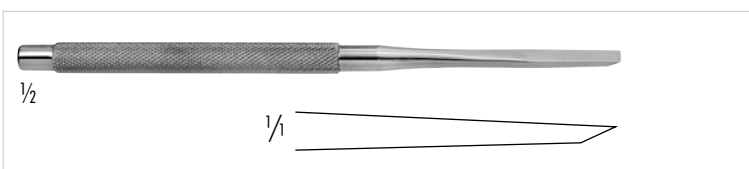
Flachmeissel, gerade, 160 mm
Chisel, straight, 6 1/4 inch



210-103-160 3 mm
210-105-160 5 mm

LUCAS

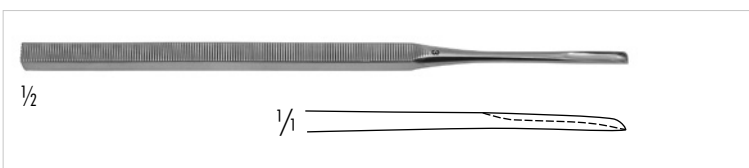
Hohlmeissel, gerade, 160 mm
Gouge, straight, 6 1/4 inch



210-204-160 4 mm
210-206-160 6 mm

LUCAS

Flachmeissel, gerade, 160 mm
Chisel, straight, 6 1/4 inch



210-100-162 2 mm
210-100-163 3 mm
210-100-164 4 mm

THIES

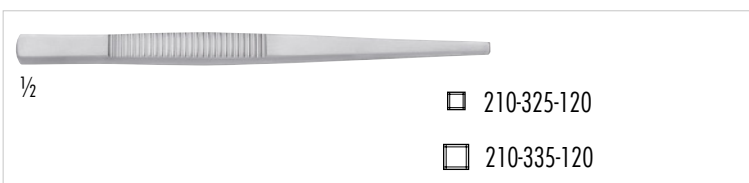
Hohlmeissel, gerade, 160 mm
Gouge, straight, 6 1/4 inch



210-102-162 2 mm
210-102-163 3 mm
210-102-164 4 mm

THIES

Flachmeissel, gerade, 160 mm
Chisel, straight, 6 1/4 inch



□ 210-325-120

□ 210-335-120

210-325-120 2,5 mm
210-335-120 3,5 mm

PASSOW

Blutstillungsmeissel, 120 mm
Hemostatic chisel, 4 3/4 inch



210-244-220 130 g
HAJEK
 Hammer, 220 mm
 Mallet, 8 ¾ inch



210-224-180 155 g
PARTSCH
 Hammer, Kopf mit Bleifüllung, 190 mm
 Mallet, lead filled head, 7 ½ inch

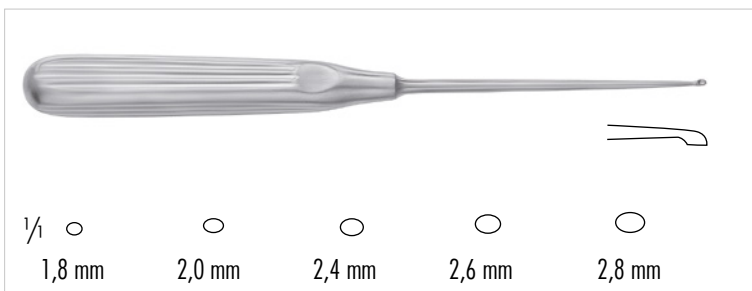


210-240-180 235 g
COTTLE
 Hammer, 1 Seite flach, 1 Seite convex, 185 mm
 Mallet, 1 side plain, 1 side convex, 7 ¼ inch



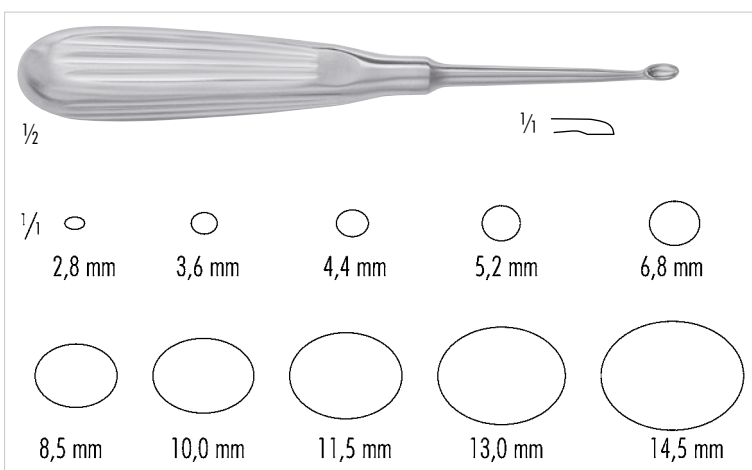
210-264-140 135 g
 Hammer, mit auswechselbaren Kunststoffbacken, 185 mm
 Mallet, head with interchangeable plastic discs, 7 ¼ inch

210-265-000
 Ersatzbackenpaar für Hammer 210-264-140
 Pair of interchangeable discs for mallet 210-264-140



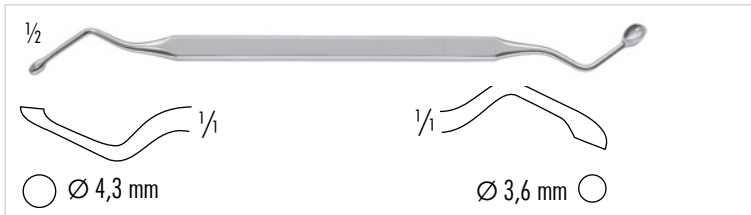
210-348-001 1,8 mm
 210-348-300 2,0 mm
 210-348-200 2,4 mm
 210-348-000 2,6 mm
 210-348-010 2,8 mm

LEMPERT
 Scharfer Löffel, 200 mm
 Endaural curette, 8 inch



210-304-400 2,8 mm
 210-304-300 3,6 mm
 210-304-200 4,4 mm
 210-304-100 5,2 mm
 210-304-010 6,8 mm
 210-304-020 8,5 mm
 210-304-030 10,0 mm
 210-304-040 11,5 mm
 210-304-050 13,0 mm
 210-304-060 14,5 mm

VOLKMANN
 Scharfer Löffel, 170 mm
 Endaural curette, 6 ¾ inch

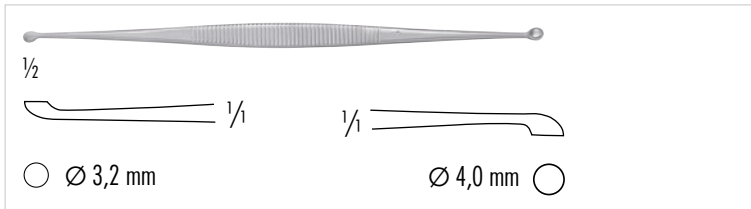


210-216-150

JANSEN

Scharfer Doppellöffel, runde Löffel, 160 mm

Aural curette, sharp, double-ended, round cups, 6 1/4 inch

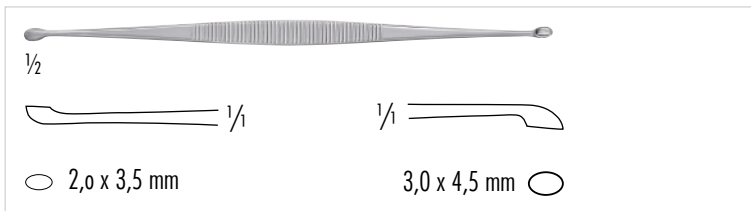


210-218-012

MARTINI

Scharfer Doppellöffel, runde Löffel, 140 mm

Aural curette, sharp, double-ended, round cups, 5 1/2 inch

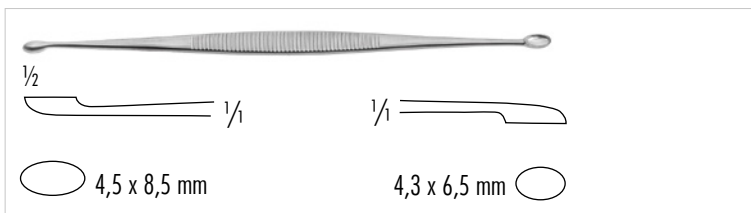


210-216-001

WILLIGER

Scharfer Doppellöffel, ovale Löffel, 145 mm

Aural curette, sharp, double-ended, oval cups, 5 3/4 inch



210-213-140

JACOBSON

Scharfer Doppellöffel, ovale Löffel, 140 mm

Aural curette, sharp, double-ended, oval cups, 5 1/2 inch

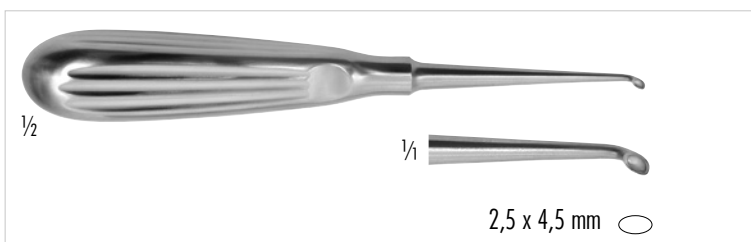


410-216-180

MILLER

Doppel-Kürette, 180 mm

Aural curette, double-ended, 7 inch

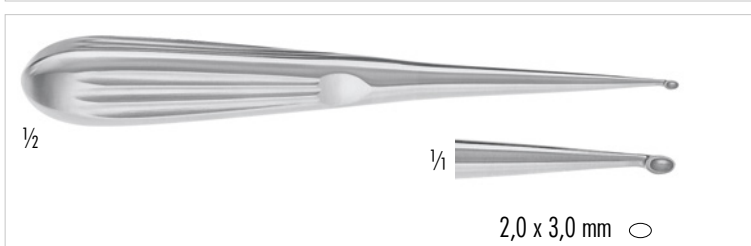


210-305-400 Fig. 0000

VOLKMANN

Mikro Ohrlöffel, abgewinkelt, ovale Löffel

Micro aural curette, angled, oval cup

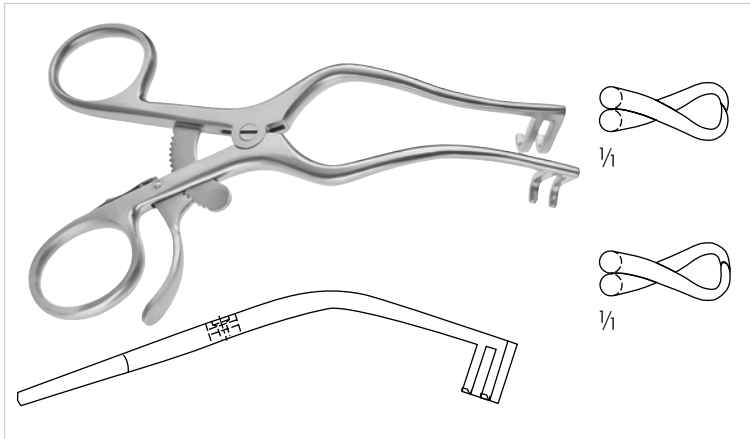


210-304-500 Fig. 00000

VOLKMANN

Mikro Ohrlöffel, gerade, oval Löffel

Micro aural curette, straight, oval cup



170-763-130

PLESTER

Wundspreizer, 2 x 2 Zähne, scharf, 130 mm

Retractor, self-retaining, 2 x 2 prongs, sharp, 5 1/8 inch

170-762-130

PLESTER

Wundspreizer, 2 x 2 Zähne, stumpf, 130 mm

Retractor, self-retaining, 2 x 2 prongs, blunt, 5 1/8 inch



170-760-110

PLESTER

Wundspreizer, stumpf, volles Blatt rechts, 2 Zähne links, 110 mm

Retractor, self-retaining, blunt, solid blade on right, 2 teeth left, 4 3/8 inch

170-761-110

PLESTER

Wundspreizer, stumpf, volles Blatt links, 2 Zähne rechts, 110 mm

Retractor, self-retaining, blunt, solid blade on left, 2 teeth right, 4 3/8 inch



170-755-110

volles Blatt rechts mit scharfen Zähnen,
2 Zähne links
full blade right side with sharp teeth,
2 prongs left

PERKINS

Wundsperrerr, 110mm

Retractor, 4 1/3 inch



170-765-110

volles Blatt rechts mit scharfen Zähnen,
3 Zähne links
full blade right side with sharp teeth,
3 prongs left

PERKINS

Wundsperrerr, 110mm / Retractor, 4 1/3 inch



170-757-110

gerieftes Blatt links, 2 Zähne rechts
left serrated blade, 2 prongs right

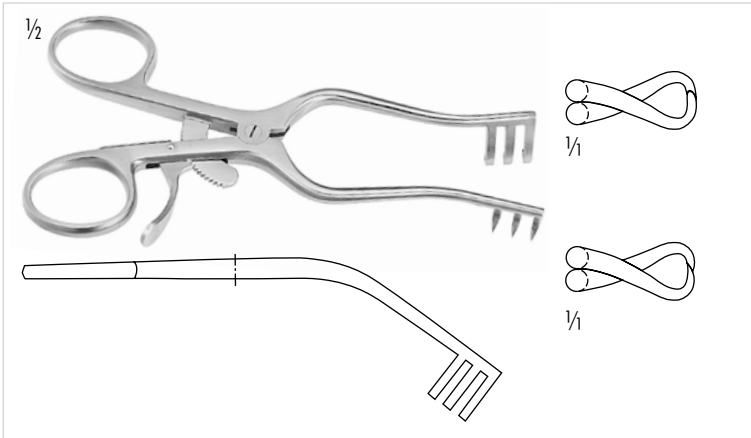
170-758-110

gerieftes Blatt rechts, 2 Zähne links
right serrated blade, 2 prongs left

WIEGAND

Wundsperrerr, 110mm

Retractor, 4 1/3 inch



170-752-130

WULLSTEIN

Wundspreizer, 3 x 3 Zähne, scharf, 130 mm

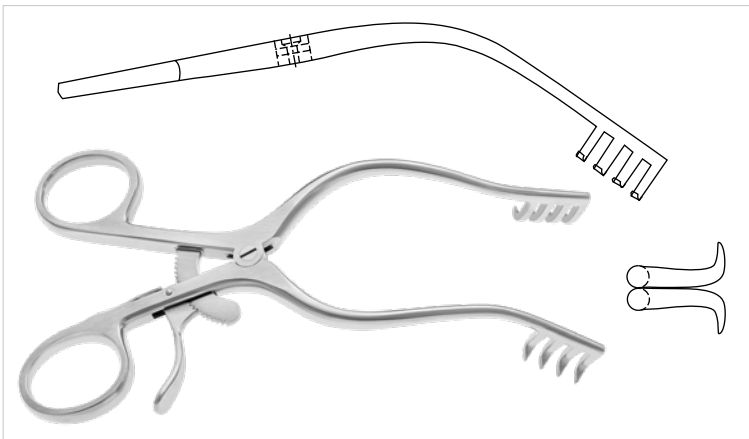
Retractor, self-retaining, 3 x 3 prongs, sharp, 5 1/8 inch

170-753-130

WULLSTEIN

Wundspreizer, 3 x 3 Zähne, stumpf, 130 mm

Retractor, self-retaining, 3 x 3 prongs, blunt, 5 1/8 inch



170-754-155

MOLLISON

Wundspreizer, 4 x 4 Zähne, scharf, 155 mm

Retractor, self-retaining, 4 x 4 prongs, sharp, 6 inch



170-780-170

RZ

Gelenkwundsperr 3 x 3 Zähne, 170 mm

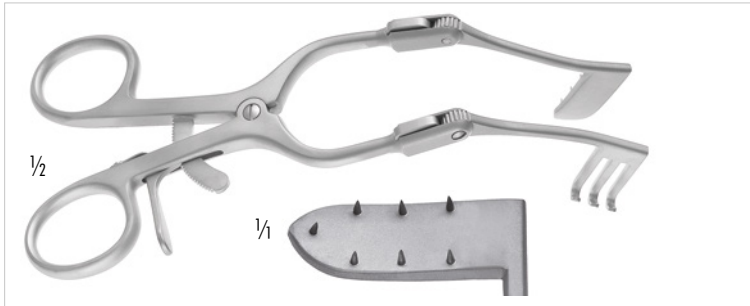
Retractor, self-retaining, articulating joints, 3 x 3 prongs, 6 1/2 inch



- 170-780-165 linkes Blatt voll, rechts 3 Zähne
left blade full, right side 3 prongs
- 170-781-165 rechtes Blatt voll, links 3 Zähne
right blade full, left side 3 prongs

RZ

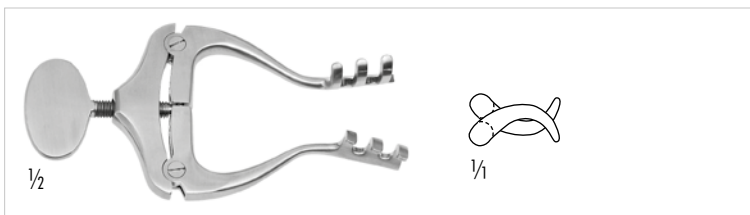
Wundsperrerr mit Gelenk, 165mm
Retractor with hinge, 6^{1/2} inch



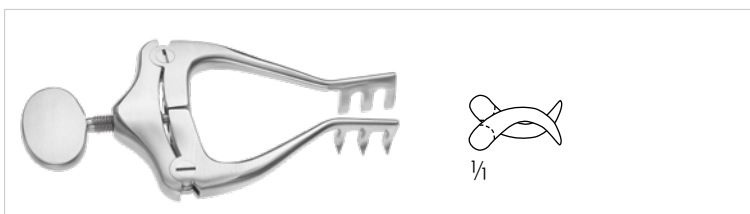
- 170-783-165 links volles Blatt, rechts 3 Zähne
left side full blade, right 3 prongs
- 170-784-165 rechtes volles Blatt, links 3 Zähne
right side full blade, left 3 prongs

HOUSE

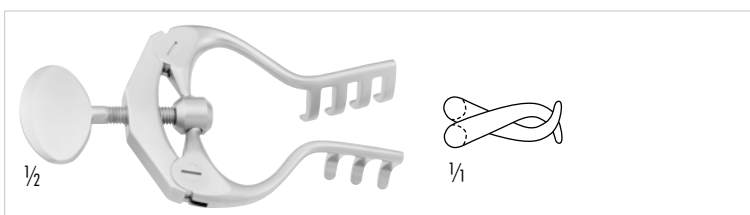
Wundsperrerr mit Gelenk, 165mm
Retractor with hinge, 6^{1/2} inch

**170-723-100****JANSEN**

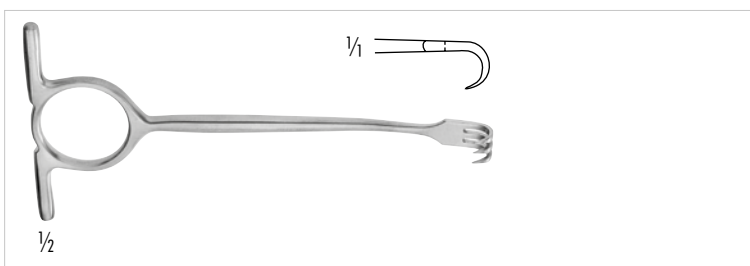
Wundsperrerr, stumpf, 3 x 3 Zähne, 100 mm
Mastoid retractor, blunt, 3 x 3 prongs, 4 inch

**170-720-100****JANSEN**

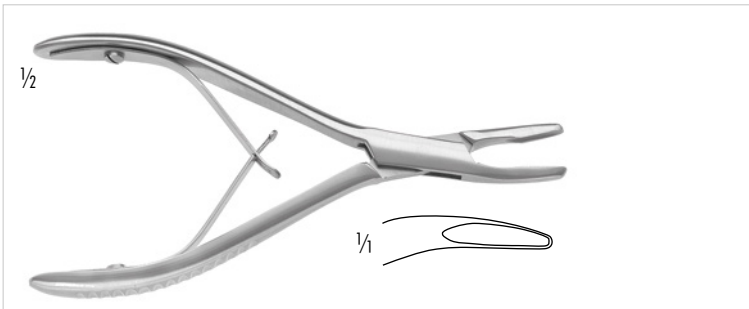
Wundsperrerr, scharf, 3 x 3 Zähne, 100 mm
Mastoid retractor, sharp 3 x 3 prongs, 4 inch

**170-723-105****JANSEN**

Wundsperrerr, stumpf, 3 x 4 Zähne, 100 mm
Mastoid retractor, blunt 3 x 4 prongs, 4 inch



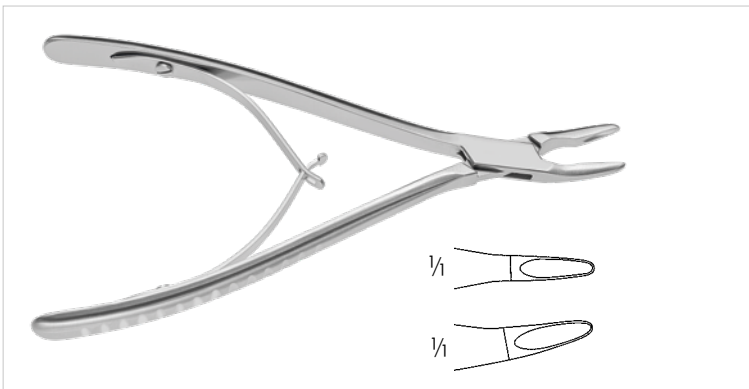
- 170-234-120 gerade / straight
- 170-235-120 links gebogen / left curved
- WILLIGER**
- Wundhaken, scharf, 120 mm
Wound retractor, sharp, 4 3/4 inch



210-640-140

LUER-FRIEDMANN

Hohlmeisselzange, leicht gebogen, 145 mm
Bone Rongeur, slightly curved, 5 3/4 inch



210-832-185

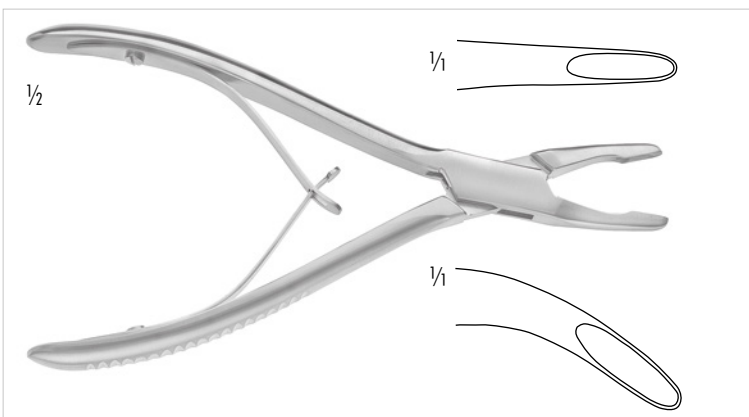
LEMPERT

Hohlmeisselzange, gerade, 200 mm
Bone Rongeur, straight, 8 inch

210-833-185

LEMPERT

Hohlmeisselzange, gebogen, 200 mm
Bone Rongeur, curved, 8 inch



210-826-180

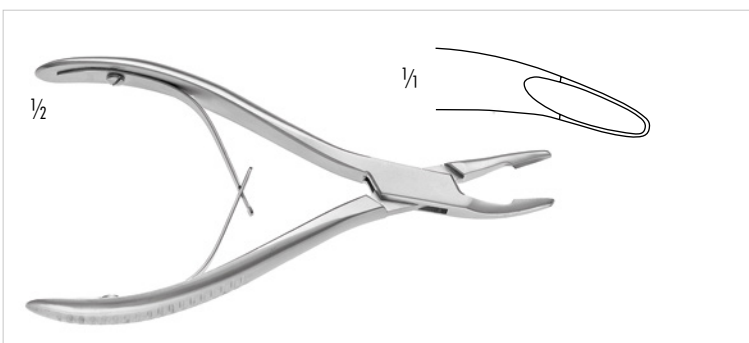
JANSEN

Hohlmeisselzange, gerade, 175 mm
Bone Rongeur, straight, 7 inch

210-829-180

JANSEN

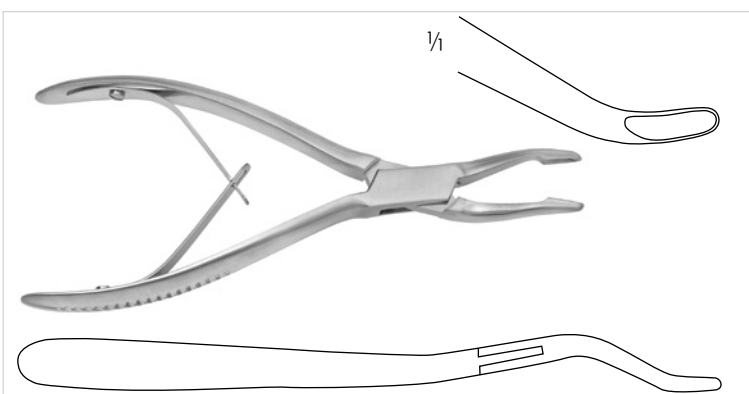
Hohlmeisselzange, gebogen, 175 mm
Bone Rongeur, curved, 7 inch



210-815-165

MEAD (BANE)

Hohlmeisselzange, gebogen, 165 mm
Bone Rongeur, curved, 6 1/2 inch



210-829-170

JANSEN

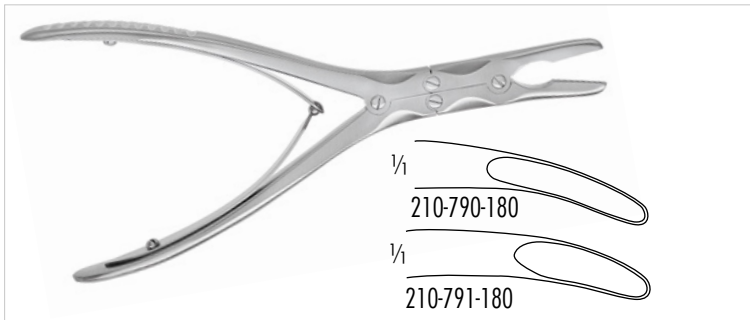
Hohlmeisselzange, s-förmig gebogen, 190 mm
Bone Rongeur, s-shaped, 7 1/2 inch



210-789-150

BOEHLER

Hohlmeisselzange, gebogen, übersetzt, 3 mm Maul, 155 mm
Bone Rongeur, curved, double action, 3 mm jaw, 6 inch



210-790-180

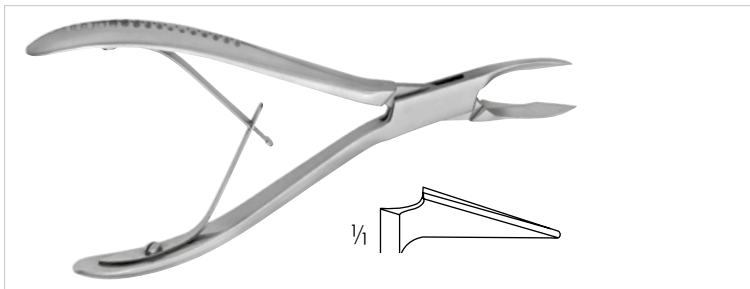
BEYER

Hohlmeisselzange, gebogen, übersetzt, 180 mm
Bone Rongeur, curved, double action, 7 inch

210-791-180

ZAUFAL-JANSEN

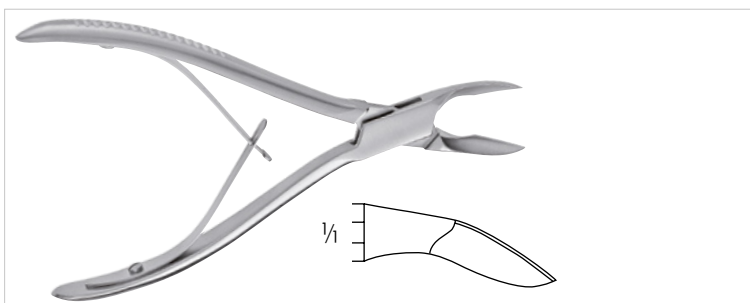
Hohlmeisselzange, gebogen, übersetzt, 180 mm
Bone Rongeur, curved, double action, 7 inch



210-846-150

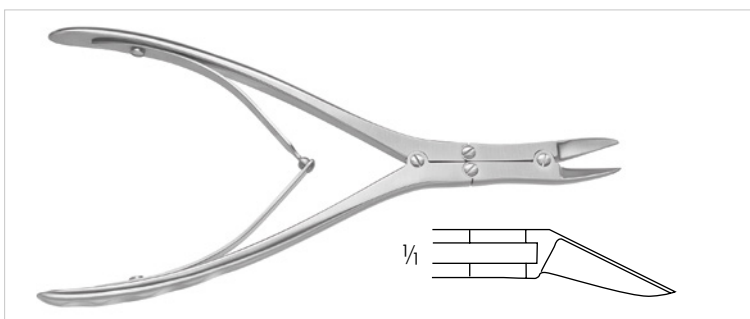
STAMM

Knochensplitterzange, 150 mm
Bone cutting forceps, 6 inch



210-845-170

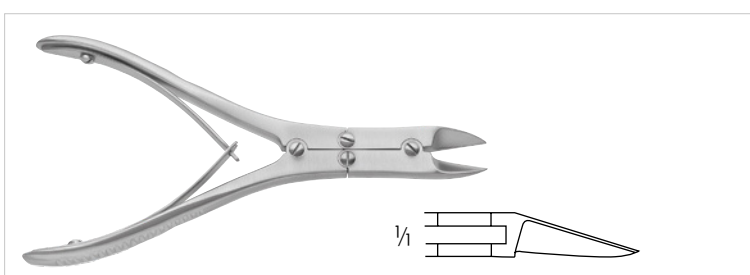
Knochenschneidezange, aufgebogen, 170 mm
Bone cutting forceps, curved on flat, 6 3/4 inch



210-880-175

MC INDOE

Knochensplitterzange, abgewinkelt, übersetzt, 175 mm
Bone cutting forceps, angled on flat, double action, 7 inch



210-890-150

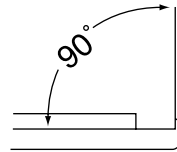
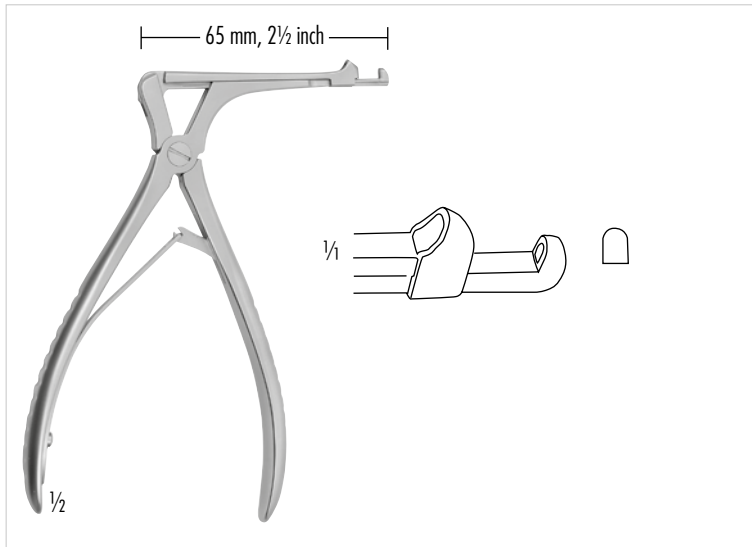
BOEHLER

Knochenschneidezange, abgewinkelt, übersetzt, 145 mm
Bone cutting forceps, angled on flat, double action, 5 3/4 inch

410-241-035

CITELLI

Knochenstanze, durchschneidend, 2,0 mm
Bone Punch, through cutting, 2.0 mm

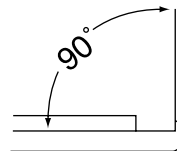
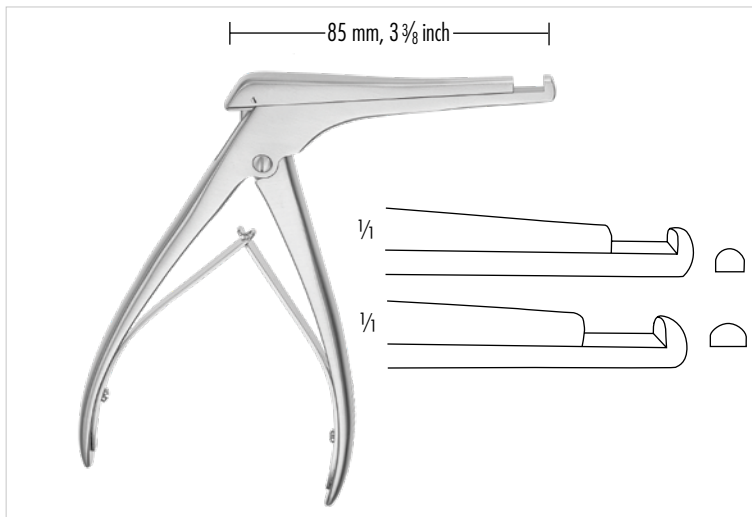


410-245-001 4 mm

410-245-002 5 mm

KERRISON

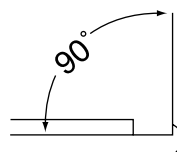
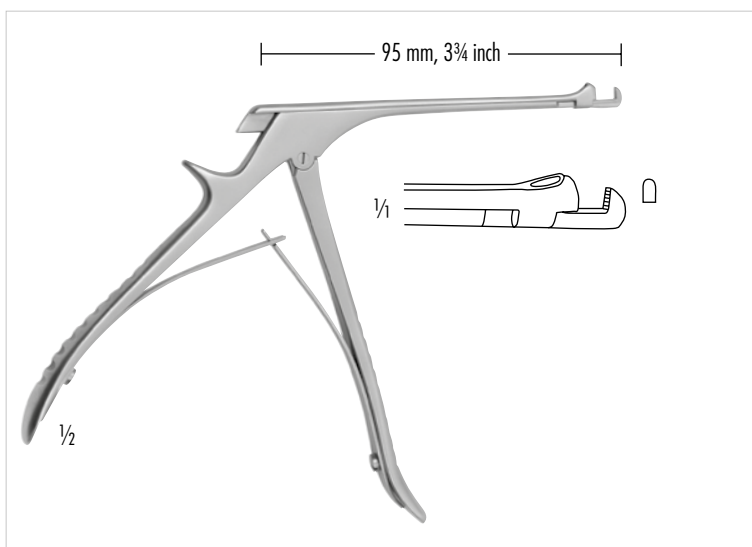
Knochenstanze
Bone Punch

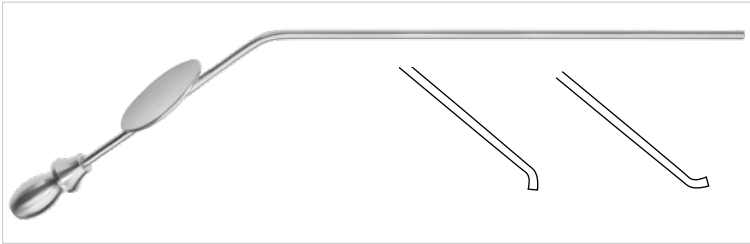


410-242-018 1,8 mm

CITELLI-BEYER

Knochenstanze
Bone Punch



**VERHOEVEN**

410-134-320 Saugrohr, 2,0 mm, gerade
Suction tube, 2.0 mm, straight

410-134-120 dito, nach oben
same, curved up

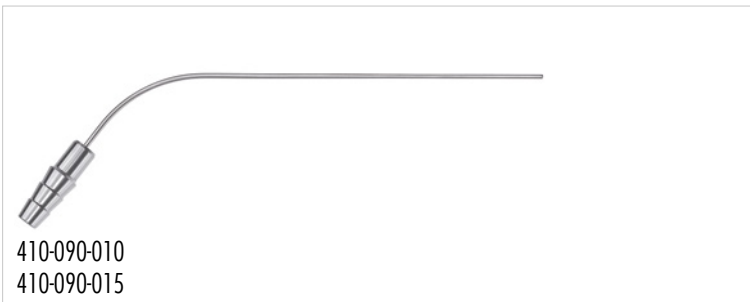
410-134-220 dito, nach unten
same, curved down

410-134-316 Saugrohr, 1,5 mm, gerade

Suction tube, 1.5 mm, straight

410-134-116 dito, nach oben
same, curved up

410-134-216 dito, nach unten
same, curved down



410-090-010 Saugrohr, kniegebogen, zylindr., Luer, 1,0 mm
Suction tube, knee bent, cylindr., Luer, 1.0 mm

410-090-015 dito, 1,5 mm
same, 1.5 mm

410-090-020 dito, 2,0 mm
same, 2.0 mm

410-090-030 dito, 3,0 mm
same, 3.0 mm

410-090-040 dito, 4,0 mm
same, 4.0 mm

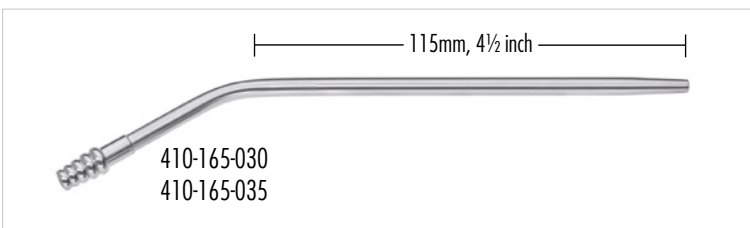
410-090-050 dito, 5,0 mm
same, 5.0 mm

**BARNES**

410-150-015 Saugrohr, Luer, 1,5 mm
Suction tube, Luer, 1.5 mm

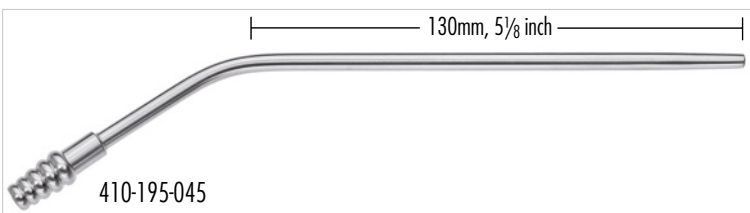
410-150-017 dito, 1,7 mm
same, 1.7 mm

410-150-020 dito, 2,0 mm
same, 2.0 mm

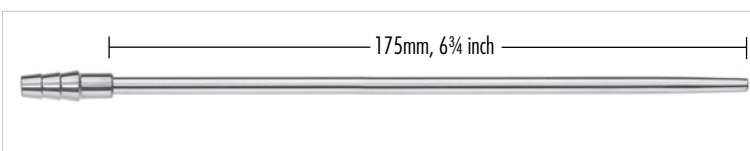


410-165-030 Saugrohr, konisch, 165 mm, Luer, 3,0 mm
Suction tube, conical, 165 mm, Luer, 3.0mm

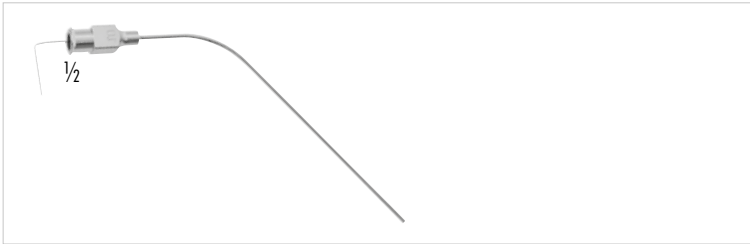
410-165-035 dito, 3,5 mm
same, 3.5 mm



410-195-045 Saugrohr, 195 mm lang, 4,5 mm,
Suction tube, 195 mm long, 4.5 mm,



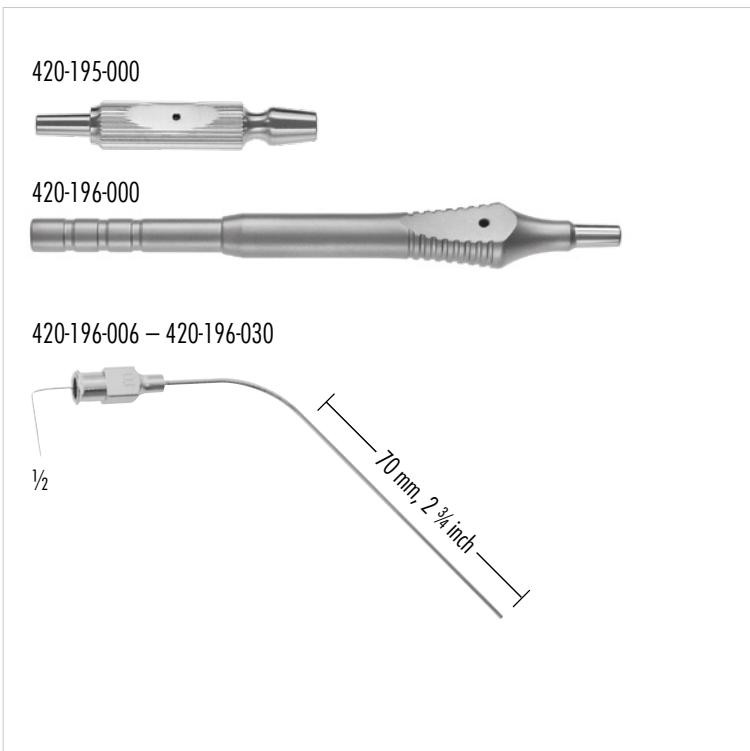
410-225-003 Saugrohr, biegsam, 225 mm, Ø 3mm, Luer
Suction tube, malleable, 225 mm, Ø 3mm, Luer



- 410-134-016 Ø 16 swg., Ø 1,6 mm
 410-134-012 Ø 18 swg., Ø 1,2 mm
 410-134-009 Ø 20 swg., Ø 0,9 mm
 410-134-007 Ø 22 swg., Ø 0,7 mm
 410-134-006 Ø 24 swg., Ø 0,6 mm

VERHOEVEN-ROSEN

Saugkanüle, mit LUER-Lock, 100 mm
 Suction cannula, with LUER-Lock, 4 inch

**420-195-000****HOUSE**

Saugadapter, 51 mm, Saugunterbrecher Durchmesser Olive: 7 mm
 Suction adapter, 2 1/8", finger cut-off, Diameter olive: 7 mm

420-196-000 Saughandgriff mit LUER-Konus, mit Unterbrecher
 Suction handle, with finger cut-off, with LUER cone

HOUSE

Saugkanülen mit Luer-lock, 2 Stück
 Suction cannulas with Luer-lock, 2 pieces per package

420-196-006 Ø 0.6 mm

420-196-008 Ø 0.8 mm

420-196-010 Ø 1.0 mm

420-196-012 Ø 1.2 mm

420-196-015 Ø 1.5 mm

420-196-018 Ø 1.8 mm

420-196-020 Ø 2.0 mm

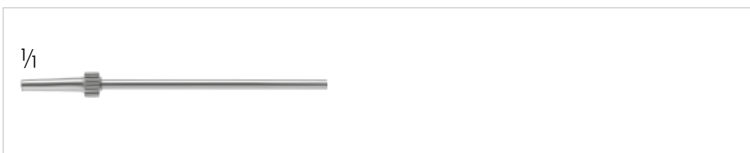
420-196-022 Ø 2.2 mm

420-196-025 Ø 2.5 mm

420-196-030 Ø 3.0 mm

**410-267-100****ZOELLNER**

Saugkanüle, allein
 Suction cannula, only



410-267-012 Ø 18 swg., Ø 1,2 mm

410-267-009 Ø 20 swg., Ø 0,9 mm

410-267-007 Ø 22 swg., Ø 0,7 mm

410-267-006 Ø 24 swg., Ø 0,6 mm

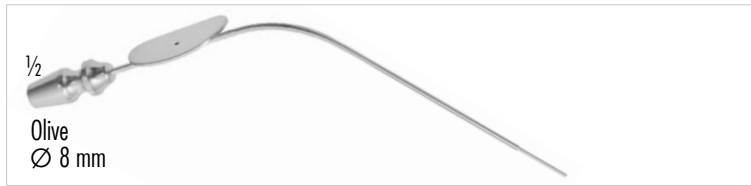
410-267-004 Ø 26 swg., Ø 0,4 mm

ZOELLNER

Auswechselbare Spitzen, Bestelleinheit: PZ = Packung á 10 Stück
 Detachable suction tips, Sales unit: PZ = Package of 10 pieces

**410-135-000****WULLSTEIN**

Saughandgriff, mit Fingerunterbrecher, 140 mm
 Suction handle, with finger-cut-off, 5 1/2 inch



165-536-010 18 Gauge

165-536-009 20 Gauge

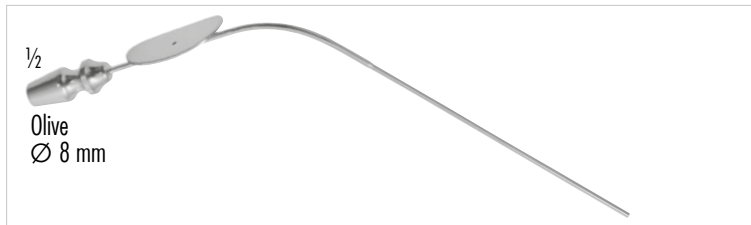
165-536-007 22 Gauge

165-536-006 24 Gauge

SCHUKNECHT

Saugkanüle, 130 mm

Suction cannula, 5 1/8 inch

3Charr./1,0 mm
5Charr./1,8 mm
7Charr./2,3 mm

75 mm/3 inch

165-538-003

100 mm/4 inch

165-539-003

165-539-005

165-539-007

BARRON

Saugkanüle mit Saugunterbrecher und Mandrin

Suction cannula with finger cut-off and stylet



Ø

130 mm/5 inch

180 mm/7 inch

1,5 mm

165-625-005

165-525-005

2,0 mm

165-625-006

165-525-006

2,5 mm

165-625-008

165-525-008

3,0 mm

165-625-010

165-525-010

4,0 mm

165-625-012

165-525-012

5,0 mm

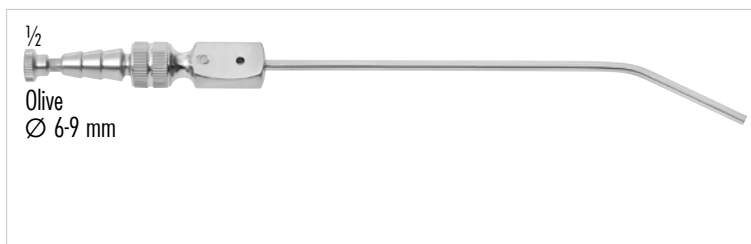
165-625-015

165-525-015

FERGUSON

Saugkanüle mit Saugunterbrecher und Mandrin, Griffplatte mit LUER-Bohrung

Suction cannula with finger cut-off and stylet, thumb piece with LUER hub



165-725-008 Ø 2,5 mm

165-725-010 Ø 3,0 mm

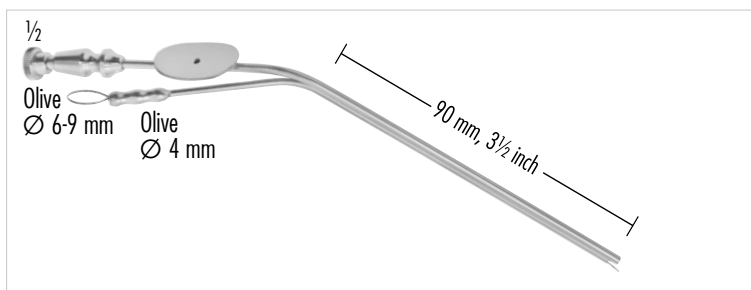
165-725-012 Ø 4,0 mm

165-725-015 Ø 5,0 mm

PLESTER

Saugkanüle mit Saugunterbrecher und Mandrin, Griffplatte parallel zur Biegung, LUER-Bohrung, 195 mm

Suction cannula with finger cut-off and stylet, thumb piece parallel to curve, with LUER hub, 7 3/4 inch

252-140-003 Saugrohr Ø 0,9 mm, Spüßrohr Ø 0,7 mm
suction tube Ø 0.9 mm, irrigation tube Ø 0.7 mm252-140-004 Saugrohr Ø 1,2 mm, Spüßrohr Ø 0,9 mm
suction tube Ø 1.2 mm, irrigation tube Ø 0.9 mm252-140-005 Saugrohr Ø 1,5 mm, Spüßrohr Ø 1,2 mm
suction tube Ø 1.5 mm, irrigation tube Ø 1.2 mm**HOUSE**Saugkanüle mit Saugunterbrecher und Mandrin, LUER-Bohrung
Suction cannula with finger cut-off and stylet, with LUER hub

410-135-160 Ø 1,5 mm

410-132-160 Ø 2,0 mm

WULLSTEINSaugrohr, zylindrisch, aus Silber, mit Mandrin, Olive mit LUER Bohrung
Suction tube, cylindrical, silver plated, with stylet, olive with LUER hub

160 mm, 6 1/4 inch



410-133-160

WULLSTEINSaugrohr, konisch, aus Silber, Olive mit LUER-Bohrung, 160 mm
Suction tube, conical, silver plated, olive with LUER hub, 6 1/4 inch



1/2

110-110-003

Skalpelli Griff Nr. 3, 130 mm

Scalpel Handle No. 3, 5 1/8 inch



1/2

110-114-003

Skalpelli Griff Nr. 3, graduert, 130 mm

Scalpel Handle No. 3, graduated, 5 1/8 inch



1/2

110-130-077

Skalpelli Griff Nr. 7, 165 mm

Scalpel Handle No. 7, 6 1/2 inch



1/2

110-130-007

Skalpelli Griff Nr. 7K, 130 mm

Scalpel Handle No. 7K, 5 inch



Fig. 10



Fig. 12d



Fig. 11



Fig. 13



Fig. 12

1/1



Fig. 15



Fig. 15c

110-201-010 Fig. 10**110-201-011** Fig. 11**110-201-012** Fig. 12**110-201-112** Fig. 12d**110-201-013** Fig. 13**110-201-015** Fig. 15**110-201-115** Fig. 15c

Skalpellschneiden Fig. 15, steril, PA à 100 Stück

Scalpel blades Fig. 15, sterile, PA = 100 pieces



1/2

1/1

410-329-160**WULLSTEIN**

Raspatorium, gebogen, 160 mm

Raspatory, rounded blade, curved, 6 1/4 inch



1/2

1/1

410-328-165**BEALES**

Raspatorium, 165 mm

Raspatory, 6 1/2 inch



1/2

1/1

2/1

410-327-165**BEALES**

Raspatorium, spatelförmiges Blatt, klein, 165 mm

Raspatory, spatula end, small, 6 1/2 inch



1/2

410-330-160**LEMPERT**

Raspatorium, schmal, gerade, 160 mm

Raspatory, narrow, straight, 6 1/4 inch



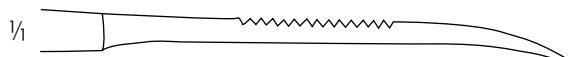
1/2



1/1



1/1



1/1

210-439-006 6 mm**210-439-008** 8 mm

Raspatorium, leicht gebogen, 165 mm

Raspatory, slightly curved, 6 1/2 inch



120-047-120

WAGNER

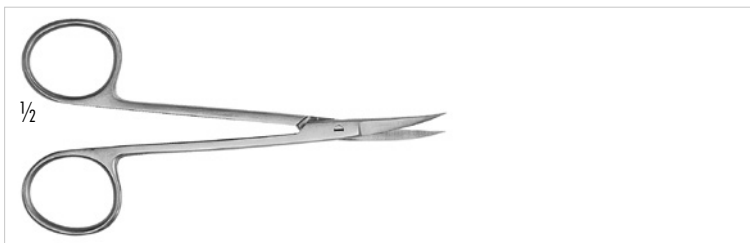
Zahnfleischschere, gebogen, stumpf, 120 mm
 Gum scissors, curved, blunt, 4 3/4 inch



120-057-140

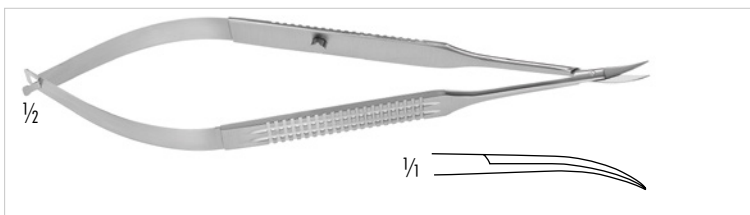
SANVENERO

Chirurgische Schere, gebogen, spitz, 140 mm
 Operating scissors, curved, sharp, 5 1/2 inch



120-071-105

Irisschere, gebogen, 105 mm
 Iris scissors, curved, 4 1/4 inch



250-064-021

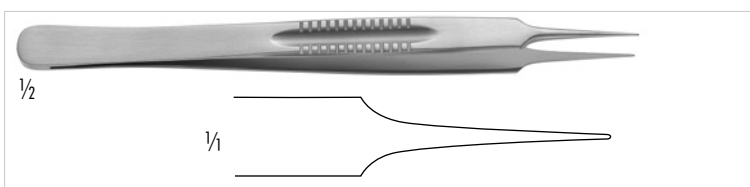
MILLES

Mikro Federschere, gebogen, Schneiden gezahnt, 160 mm
 Micro Scissors (Spring Type), toothed blades, curved, 6 1/4 inch



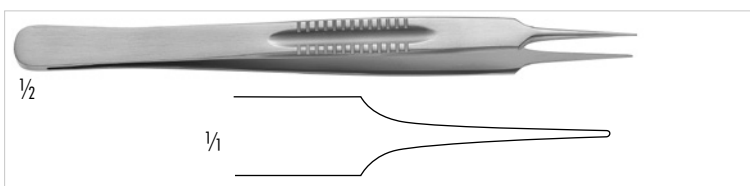
250-064-079

Mikro Nadelhalter, gebogen, mit breitem Griff, 160 mm
 Micro Needle Holder, curved, with wide handle, 6 1/4 inch



250-024-260

Mikro Lazar Pinzette, 0,5 mm Spitzen, 155 mm
 Micro Lazar Forceps, 0.5 mm tips, 6 inch



250-024-261

Mikro Lazar Pinzette, 0,8 mm Spitzen, 155 mm
 Micro Lazar Forceps, 0.8 mm tips, 6 inch



251-613-110

Gefäßdilator, gerade, Flachgriff, 9 mm breit, 110 mm
 Vessel dilator, straight, flat handle, 9 mm wide, 4 3/8 inch



1/2

130-145-125 125 mm / 5 inch
 130-145-150 150 mm / 6 inch

SEMKEN

Chirurgische Pinzette, 1 x 2 Zähne,
 Tissue forceps, 1 x 2 teeth, 5 inch



1/2

130-144-150

SEMKEN

Anatomische Pinzette, 150 mm
 Dressing forceps, 6 inch



1/2

1/1

410-383-120

DERLACKI

Chirurgische Gehörknöchelchen-Pinzette mit Schließschraube,
 Mehrfachzahnung, 120 mm
 Aural tissue forceps with locking screw, for small aural bones,
 multiple teeth, 4 3/4 inch



1/2

130-550-120

Mikro- Adson Pinzette, 1 x 2 Zähne, 120 mm
 Micro- Adson Forceps, 1 x 2 teeth, 4 3/4 inch



1/2

130-548-120

Mikro- Adson Pinzette, gerieft, 120 mm
 Micro- Adson dressing forceps, serrated, 4 3/4 inch



1/2

130-503-100

GRAEFE

Feine chirurgische Pinzette, 1x2 Zähne, gerade, 100 mm
 Delicate tissue forceps, 1x2 teeth, straight, 4 inch



1/2

130-504-100

GRAEFE

Feine chirurgische Pinzette, 1x2 Zähne, gebogen, 100 mm
 Delicate tissue forceps, 1x2 teeth, curved, 4 inch



1/2

130-500-100

GRAEFE

Feine anatomische Pinzette, gerade, 100 mm
 Delicate dressing forceps, straight, 4 inch

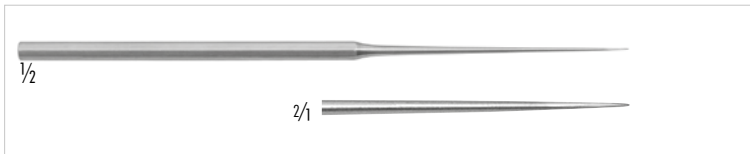


1/2

130-501-100

GRAEFE

Feine anatomische Pinzette, gebogen, 100 mm
 Delicate dressing forceps, curved, 4 inch



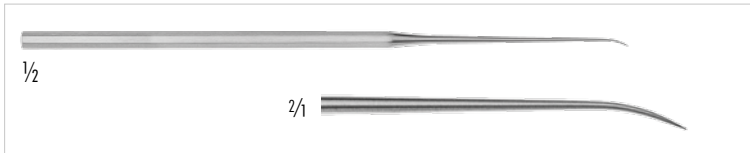
410-110-155 spitz/pointed

410-110-160 stumpf/blunt

BARBARA

Mikro- Nadel (Perforator), gerade, 160 mm

Micro Needle (perforator), straight, sharp point, 6 1/4 inch

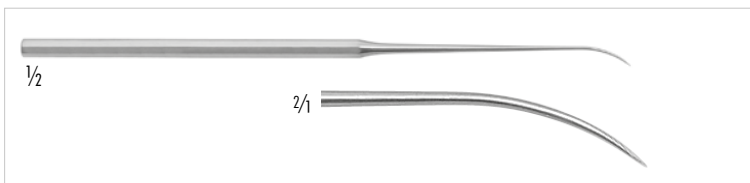


410-111-155

WULLSTEIN

Mikro- Nadel (Perforator), leicht gebogen, 160 mm

Micro Needle (perforator), slightly curved, sharp point, 6 1/4 inch

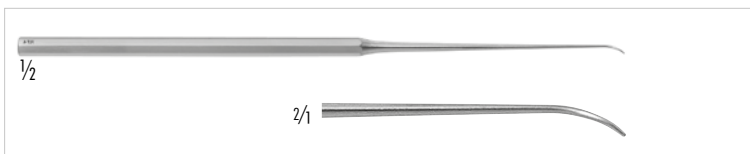


410-112-155

BARBARA

Mikro-Nadel (Perforator), leicht, lange Biegung, 160 mm

Micro Needle (perforator), slightly, long curvature, 6 1/4 inch

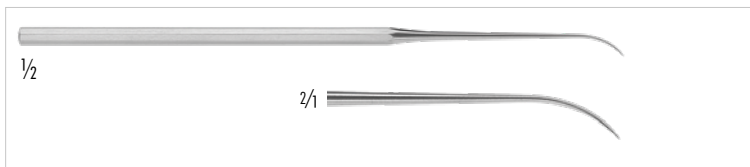


410-114-155

BARBARA

Mikro-Nadel (Perforator), stark gebogen, 160 mm

Micro Needle (perforator), acute curved, sharp point, 6 1/4 inch

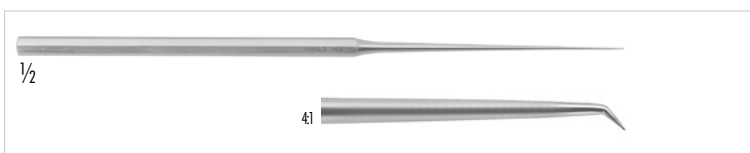


410-116-155

ROSEN

Mikro-Häkchen, stark lang gebogen, 160 mm

Micro Hook, acute long curvature, 6 1/4 inch



410-115-003 0,3 mm

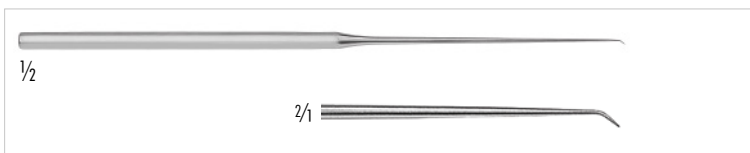
410-115-006 0,6 mm

410-115-010 1,0 mm

SHAMBOUGH

Mikro-Häkchen, 25° abgewinkelt, 160 mm

Micro Hook, 25° angled, 6 1/4 inch



410-117-002 0,2 mm

410-117-004 0,4 mm

410-117-008 0,8 mm

410-117-012 1,2 mm

410-117-020 2,0 mm

SHAMBOUGH

Mikro-Häkchen, 45° abgewinkelt, 160 mm

Micro Hook, 45° angled, 6 1/4 inch

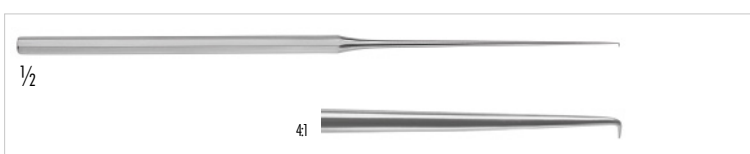
410-117-003 0,3 mm

410-117-006 0,6 mm

410-117-010 1,0 mm

410-117-015 1,5 mm

410-117-025 2,5 mm



410-210-002 0,2 mm

410-210-004 0,4 mm

410-210-008 0,8 mm

410-210-012 1,2 mm

410-210-020 2,0 mm

SHAMBOUGH

Mikro-Häkchen, 90° abgewinkelt, 160 mm

Micro Hook, 90° angled, 6 1/4 inch

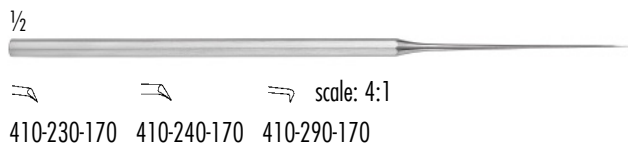
410-210-003 0,3 mm

410-210-006 0,6 mm

410-210-010 1,0 mm

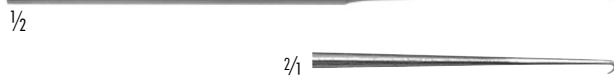
410-210-015 1,5 mm

410-210-025 2,5 mm

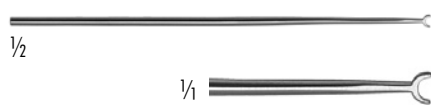


410-230-170 0.33mm Spitze/tip, 30° gebogen/angled
410-240-170 0.66mm Spitze/tip, 30° gebogen/angled
410-290-170 0.33mm Spitze/tip, 90° gebogen/angled
HOUSE

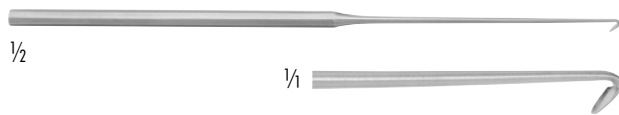
Oval Window Pick, 8-kant Griff, spitz, 17cm
Oval Window Pick, Octagon handle, pointed, 6³/₄ inch



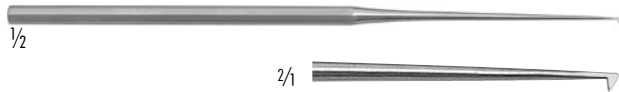
410-119-010 1,0 mm
410-119-011 2,5 mm
Mikro-Häkchen, retrograd gebogen, 160 mm
Micro hook, reverse curved, 6 1/4 inch



410-119-110
BLOCH
Ohrstopfer, 110 mm
Aural plugger, 4 1/3 inch



410-120-020 2,0 mm
PLESTER
Ohrschaber, 60° abgewinkelt, zum Anfrischen der Trommelfell-rückseite, 160 mm
Aural scraper, 60° angled, for roughening of tympanum surface, 6 1/4 inch



410-216-006 0,6 mm
HEERMANN
Häkchen, retrograd schneidend, 160 mm
Hook, reverse cutting, 6 1/4 inch



410-216-004 0,4 mm
PLESTER
Fußplatten-Häkchen, 90° abgewinkelt, oval, stumpf, 160 mm
Footplate hook, 90° angled, oval, blunt, 6 1/4 inch



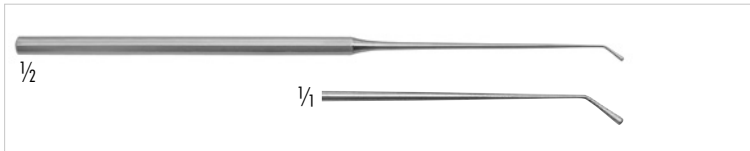
410-216-007
Mikro-Häkchen, leicht abgewinkelte Spitze, 160 mm
Mikro Hook, slightly angled at tip, 6 1/4 inch



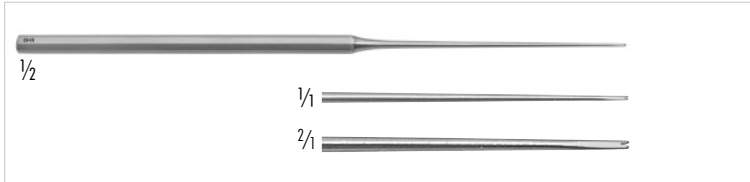
410-216-008
BEALE
Mikro-Ohrhäkchen, nach oben abgewinkelt, 160 mm
Footplate Hook, angled upwards for removal of footplate, 6 1/4 inch



410-216-009
PLESTER
Antrumhäkchen, 90° abgewinkelt, zylindrisch, 160 mm
Antrum hook, 90° angled, cylindric, 6 1/4 inch

**410-216-045****PLESTER**

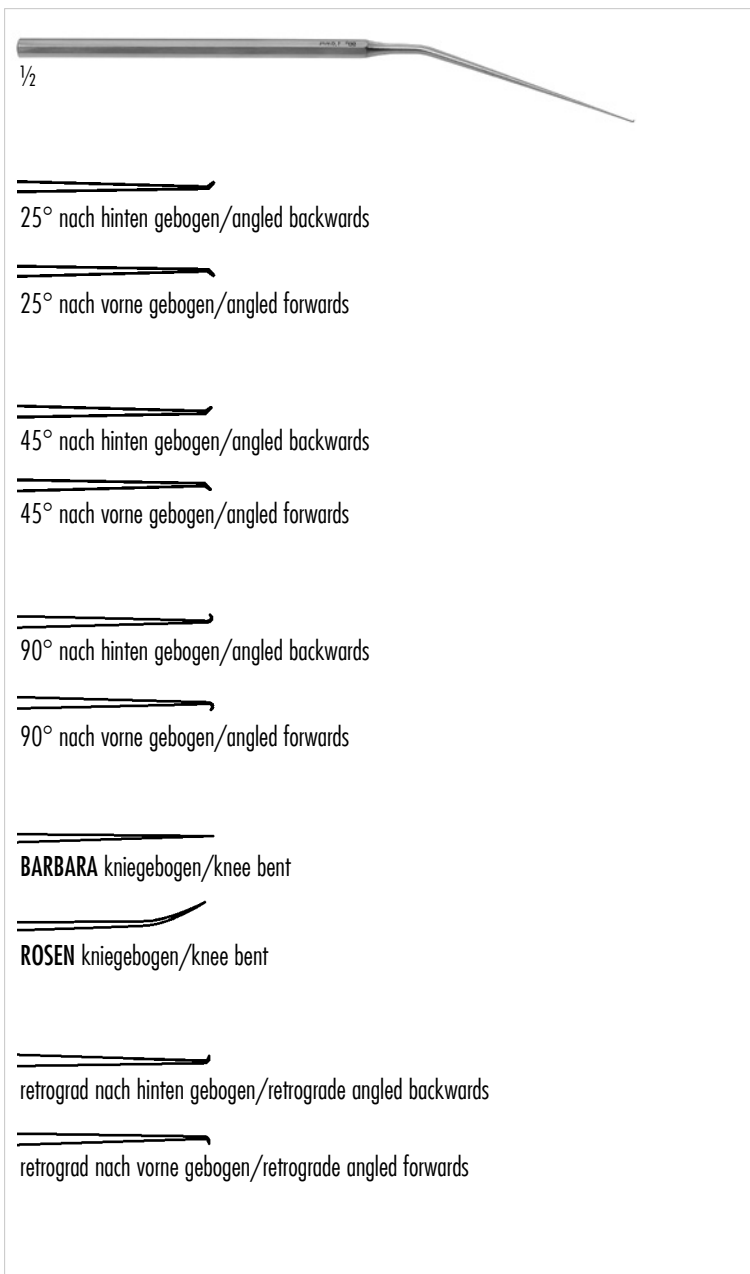
Antrumhäkchen, 45° abgewinkelt, zylindrisch, 160 mm
Antrum hook, 45° angled, cylindric, 6 1/4 inch

**410-216-160****PLESTER**

Applikationsinstrument (Führungsgabel, Stapesreiter) für
Stapesprothesen mit Drahtschlinge, (Arbeitsende flach), 160 mm
Wire guide and applicator for stapes prosthesis,
flat end with V-notch, 6 1/4 inch

**410-216-165****HUGHES**

Steigbügelhäkchen, 165 mm
Stapes mobiliser, 6 1/2 inch



25° nach hinten gebogen
/angled backwards

410-210-303 0,3 mm
410-210-306 0,6 mm
410-210-310 1,0 mm

25° nach vorne gebogen
/angled forwards

410-210-203 0,3 mm
410-210-206 0,6 mm
410-210-210 1,0 mm

45° nach hinten gebogen
/angled backwards

410-217-003 0,3 mm
410-217-006 0,6 mm
410-217-010 1,0 mm

45° nach vorne gebogen
/angled forwards

410-217-103 0,3 mm
410-217-106 0,6 mm
410-217-110 1,0 mm

90° nach hinten gebogen
/angled backwards

410-216-003 0,3 mm
410-216-005 0,6 mm
410-216-010 1,0 mm

90° nach vorne gebogen
/angled forwards

410-116-103 0,3 mm
410-116-105 0,6 mm
410-116-110 1,0 mm

HOUGH

Mikro Häkchen, 160 mm
Micro hook, 6 1/4 inch

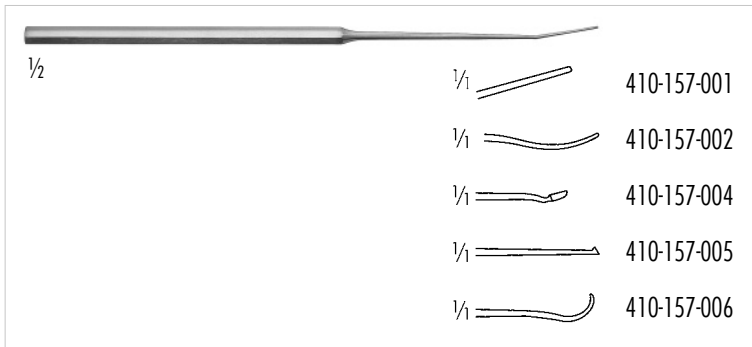
BARBARA kniegebogen/knee bent
410-113-155

gerade/straight

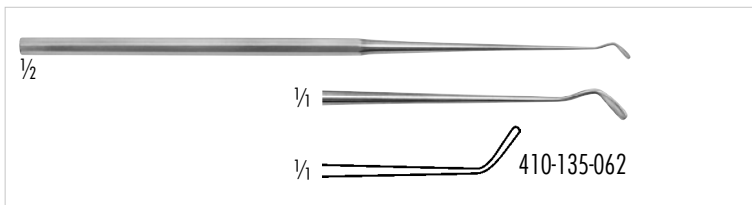
ROSEN kniegebogen/knee bent
410-115-153
gebogen/curved

retrograd nach hinten gebogen
/retrograde angled backwards
410-116-205 0,5 mm
410-116-210 1,0 mm

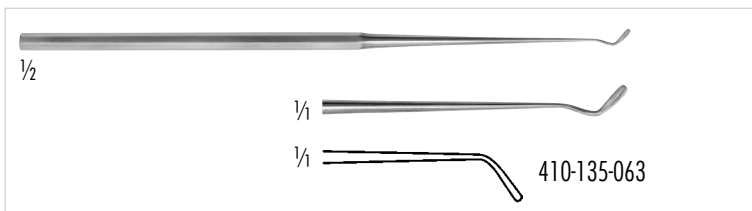
retrograd nach vorne gebogen
/retrograde angled forwards
410-116-305 0,5 mm
410-116-310 1,0 mm



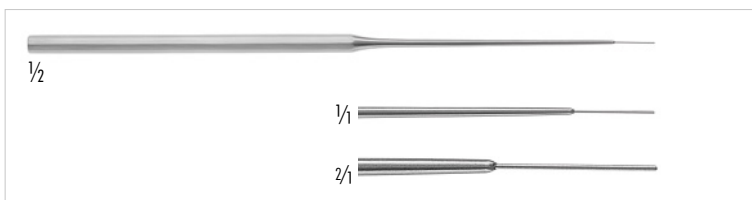
- 410-157-001 Elevatorium/Elevator 1,0 mm
 410-157-002 Raspatorium/Raspatory 1,0 mm
 410-157-003 Raspatorium/Raspatory 1,2 mm
 410-157-004 Löffel/Spoon
 410-157-005 Häkchen retrograd scheidend, 0,6 mm
 Hook retrograde cutting, 0.6 mm
 410-157-006 Raspatorium/Raspatory 1,8 mm
AUSTIN
 165 mm
 6 1/2 inch



- 410-135-060 doppelt gebogen links
 double curved left
 410-135-062 einfach gebogen links
 single curved left
 Trommelfell Exkavator, schmal, 160 mm
 Excavator, narrow, 6 1/4 inch



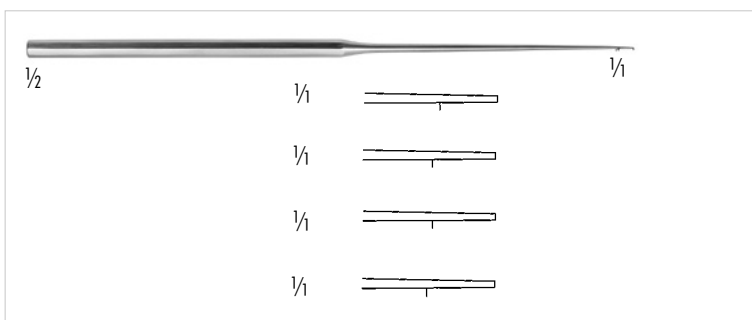
- 410-135-061 doppelt gebogen rechts
 double curved rechts
 410-135-063 einfach gebogen rechts
 single curved rechts
 Trommelfell Exkavator, schmal, 160 mm
 Tympanum Excavator, narrow, 6 1/4 inch



- 410-137-004 0,4 mm
 410-137-006 0,6 mm
 410-137-008 0,8 mm
 Messzylinder, 165 mm
 Caliper, 6 1/2 inch



- 410-137-013 0,3 mm
 410-137-014 0,4 mm
 410-137-015 0,5 mm
 410-137-016 0,6 mm
 Perforator, 165 mm
 Perforator, 6 1/2 inch

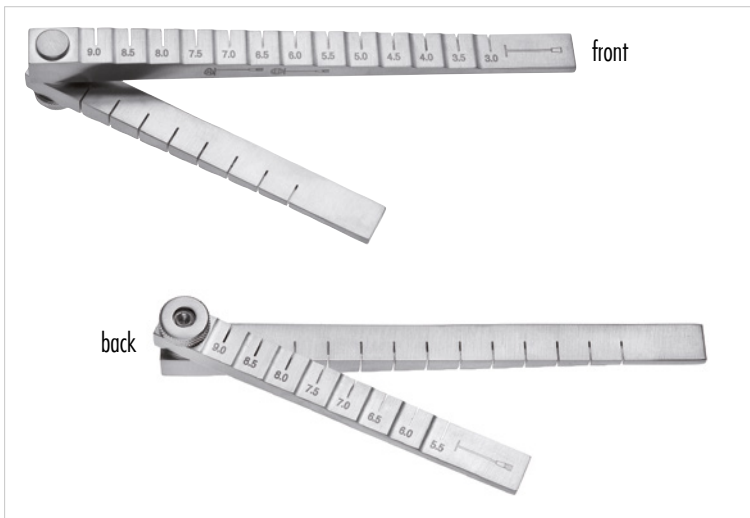


- 410-142-166
 Mess-Sonde, Markierungen bei 3,5 - 4 - 4,5 mm zur
 Längenbestimmung der Stapesprothese, 160 mm
 Measuring probe (caliper) markings at 3.5 - 4 - 4.5 mm,
 to determine length of stapes prosthesis, 6 1/4 inch
 410-142-135 Markierung 3,5 mm/Mark 3.5 mm
 410-142-140 Markierung 4,0 mm/Mark 4.5 mm
 410-142-145 Markierung 4,5 mm/Mark 4.5 mm
 410-142-150 Markierung 5,0 mm/Mark 5.0 mm



1/2

410-143-000 92 x 54 mm
 Präpariertablett aus Metall mit mm Skala
 Preparation tray with mm scale, stainless steel



410-155-800
 Universal Titan Prothesen Messgerät, Messbereich von 2.5 bis 9mm
 Universal Titanium Prosthesis Sizer, measuring from 2.5 till 9mm

HEERMANN

Instrumentarium zur Ausmeisselung der Stapes-Fussplatte
Instruments for the removal of the stapedial footplate

410-144-007 0,7 mm

Hohlmeissel, sehr fein
Gouge, very delicate

410-144-010 1,0 mm

Hohlmeissel für Fensterung
Gouge for fenestration

410-144-015 1,5 mm

Hohlmeissel für Fensterung
Gouge for fenestration

410-144-017 0,7 mm

Flachmeissel, sehr fein
Chisel, very delicate

410-144-030 3,0 mm

Hohlmeissel für Fensterung
Gouge for fenestration

410-144-100

Handgriff für die Spezialmeissel. Die Meissel können mit der Feststellschraube in jeder Position fixiert werden.
Handle to hold specially designed chisel and gouges. The knurled screw holds inserts securely in place.

410-144-200

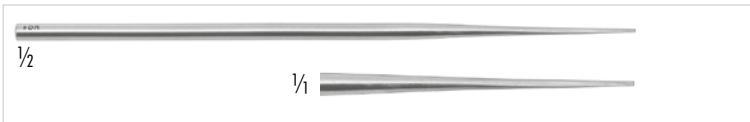
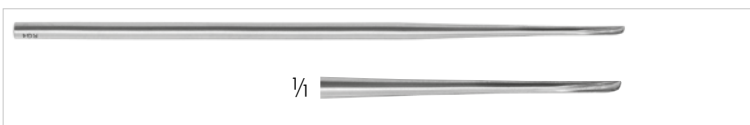
HEERMANN

Metallhammer, mit Hohlheft, 195 mm
Mallet, metal, with hollow handle, narrow head, 7 ¾ inch

410-145-000

SCHUKNECHT

Biegegerät zum Formen von Stapes Drahtprothesen aus rostfreiem Stahl. Biegeplatte mit Millimetereinteilung.
Bending device for stapes. This dye is used to pre-form stainless steel wire prosthesis to produce the appropriate button-hook shape for easy attachment to the incus. Measuring the length of the prosthesis, millimeter scale is centered on the bending dye.





410-046-160 1,5 x 2,5 mm

SHEA

Scharfer Löffel für Tympanoplastik, oval, mit kniegebogenem Schaft, 160 mm
Curette, sharp for tympanoplasty, oval cup, upwards cutting with knee bent shaft, 6 1/4 inch



410-047-160 1,5 x 2,5 mm

SHEA

Scharfer Löffel für Tympanoplastik und Myringoplastik, ovaler Löffel, 160 mm
Curette, sharp for tympanoplasty and myringoplasty, oval cups, 6 1/4 inch



410-044-001 Ø 1,0 + 1,2 mm

410-044-002 Ø 1,5 + 1,8 mm

HOUSE

Scharfer Doppel-Löffel für Stapedektomie, ovale Löffel, leicht gebogen, 150 mm
Curette, sharp, double ended, for stapedectomy, oval cups, slightly curved, 6 inch

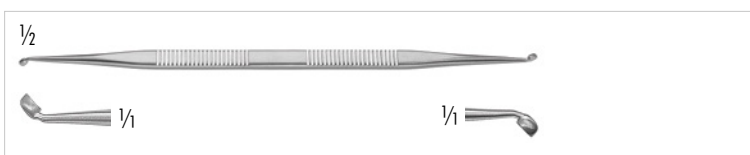


410-044-003 Ø 1,0 + 1,2 mm

410-044-004 Ø 1,5 + 1,8 mm

HOUSE

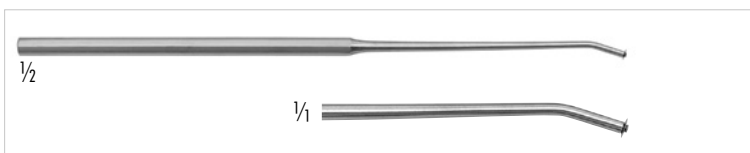
Scharfer Doppel-Löffel für Stapedektomie, oval, stark gebogen, 150 mm
Curette, sharp, double ended, for stapedectomy, oval cups, strongly curved, 6 inch



410-044-150

HOUSE-STAPES

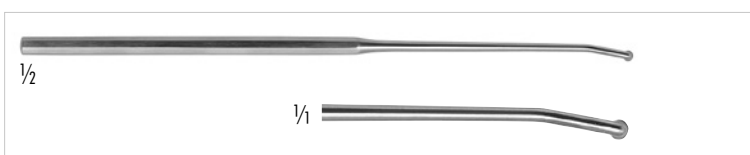
Kürette, doppelendig, 2,2 x 3,0mm, 2,5 x 3,2mm, 30° abgewinkelt, 170mm
Curette, double ended, 2.2 x 3.0mm, 2.5 x 3.2mm, 30° angled, 6 2/3 inch



410-089-001

SCHUKNECHT

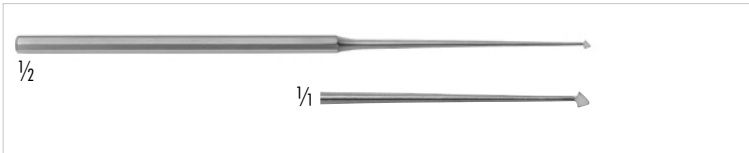
Rollmesser, rechtwinklig zum Schaft, zur Inzision im äusseren Gehörgang, 160 mm
Roller knife, for incision of the bony external auditory meatus, blade at the right angle to shaft, 6 1/4 inch



410-089-002

SCHUKNECHT

Rollmesser, parallel zum Schaft, zur Inzision im äusseren Gehörgang, 160 mm
Roller knife, for incision of the bony external auditory meatus, but blade in line with shaft, 6 1/4 inch

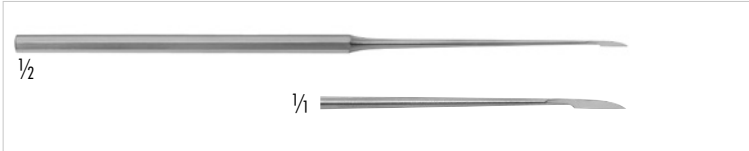


410-093-160

ROSEN

Lanzettenmesser, 160 mm

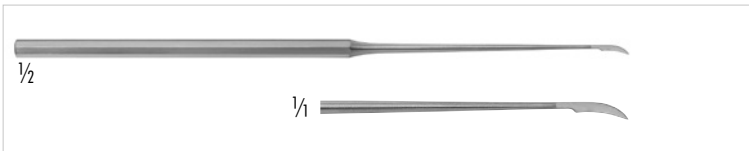
Knife and elevator, spear pointed blade, 6 1/4 inch



410-100-160

Diszisionsmesser, gerades Blatt, 160 mm

Footplate knife, straight blade, 6 1/4 inch

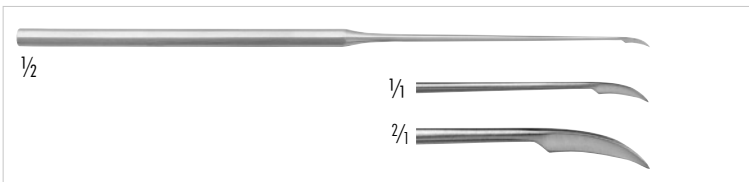


410-101-160

PLESTER

Sichelmesser, leicht gebogenes Blatt, 160 mm

Sickle knife, slightly curved blade, 6 1/4 inch

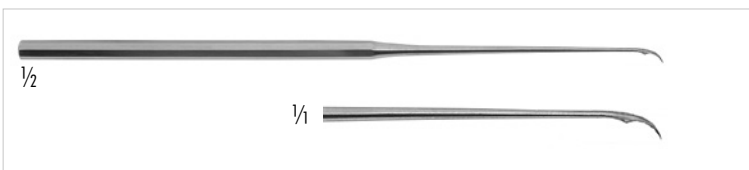


410-103-160

THORBURN

Sichelmesser, gebogenes Blatt, 165 mm

Sickle knife, curved blade, 6 1/2 inch

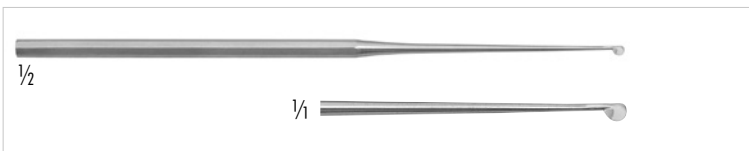


410-109-170

BEALES

Sehnenmesser, 170 mm

Tendon knife, 6 3/4 inch

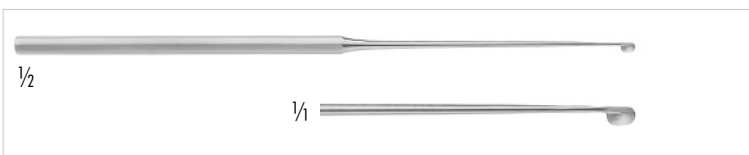


410-124-160 2,4 mm x 3 mm

PLESTER

Lappenmesser, rundum schneidend, 160 mm

Flap knife, round cutting, 6 1/4 inch

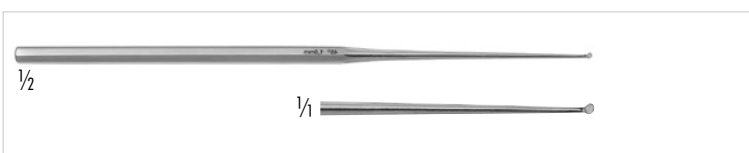


410-092-001 2,4 mm x 3,5 mm

PLESTER

Lappenmesser, rundum schneidend, 160 mm

Flap knife, round cutting, 6 1/4 inch



410-118-010 Ø 1,0 mm

410-118-012 Ø 1,2 mm

410-118-015 Ø 1,5 mm

410-118-016 Ø 1,6 mm

410-118-020 Ø 2,0 mm

410-118-023 Ø 2,3 mm

410-118-026 Ø 2,6 mm

410-118-028 Ø 2,8 mm

410-118-030 Ø 3,0 mm

ROSEN

Rundschnittmesser, sehr fein, 45° abgewinkelt, 160 mm

Round cutting knife, slender, 45° angled, 6 1/4 inch



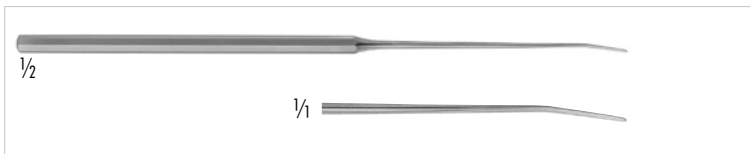
- 410-119-015 Ø 1,5 mm
 410-119-020 Ø 2,0 mm
 410-119-025 Ø 2,5 mm
 410-119-030 Ø 3,0 mm

ROSEN

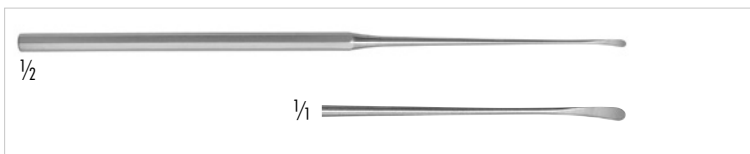
Rundschnittmesser, 90° abgewinkelt, 160 mm
 Round cutting knife, 90° angled, 6 1/4 inch



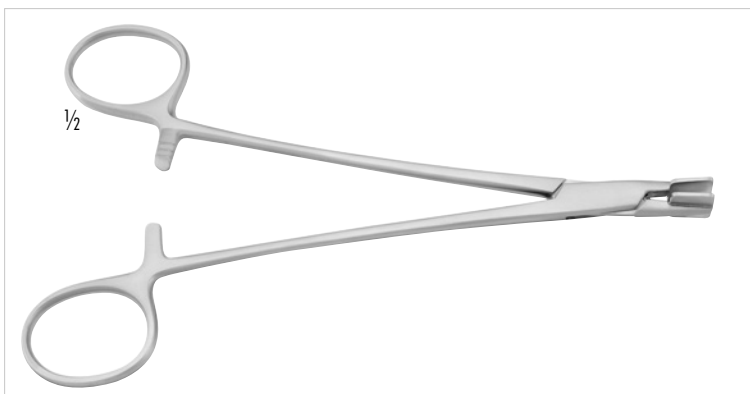
- 410-135-048 2 mm breit / wide
 Transplantat-Träger und Raspatorium, 160 mm
 Graft holder and elevator, for lifting drum forward, 6 1/4 inch



- 410-135-050 1 mm breit / wide
 Stapes-Elevatorium, leicht abgewinkelt, 160 mm
 Stapes Elevator for lifting drum forward, slightly angled, 6 1/4 inch

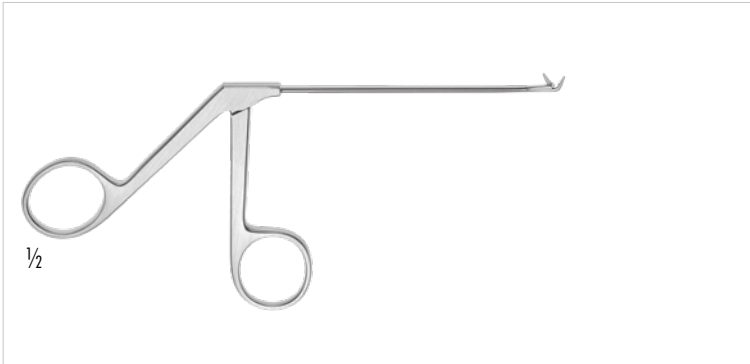


- 410-135-051 1,8 mm breit / wide
 Raspatorium, Spitze rund, zum Ablösen von weichem Gewebe,
 leicht aufgebogen, 160 mm
 Elevator, round edge, slightly curved, for dissection of soft
 tissue, 6 1/4 inch



- 410-154-130 12x15mm Blatt, 130 mm
 12x15mm plates, 5 1/8 inch
 410-154-180 11x14 mm Blatt, 180 mm
 11x14 mm plates, 7 inch
 410-155-180 30x30mm Blatt, 180 mm
 30x30mm plates, 7 inch
 410-156-180 22x30mm Blatt, 180 mm
 22x30mm plates, 7 inch

Implantate Presszange, glattes rechteckiges Maul
 Vein graft, press forceps, smooth square jaws,



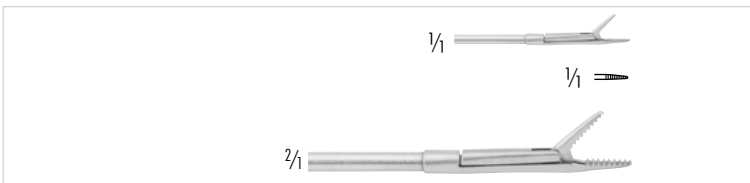
410-330-000 - 410-339-000

Mikro Faßzängchen, Rohrschaft

80mm Arbeitslänge

Micro aural forceps with tubular shaft

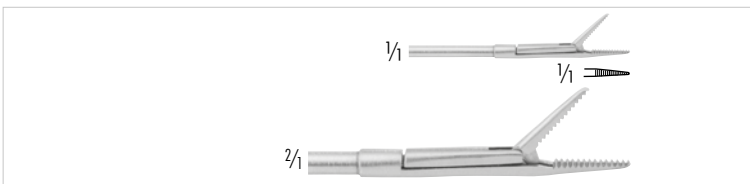
80mm working length



410-330-000 0,8 x 3,5 mm

gerade

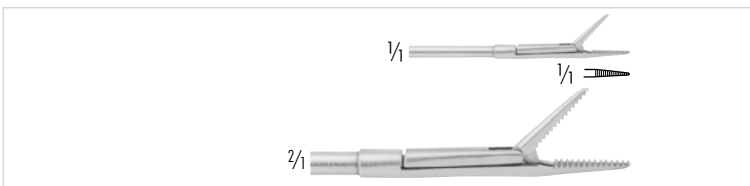
straight



410-335-000 1 x 5 mm

gerade

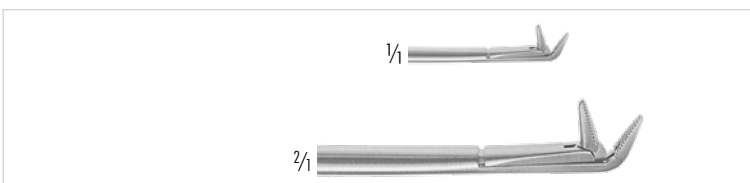
straight



410-321-000 1,5 x 6,0 mm

gerade

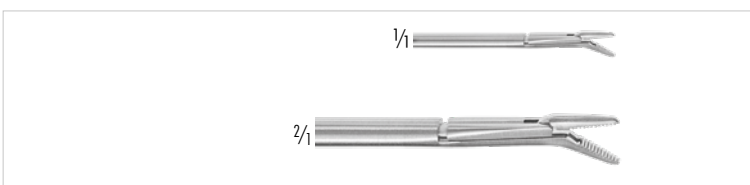
straight



410-330-200 0,8 x 3,5 mm

65° nach oben gebogen

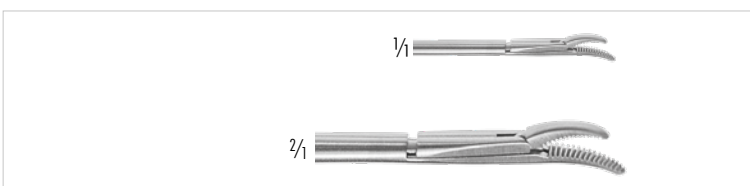
curved up 65°



410-332-000 0,8 x 3,5 mm

45° nach unten gebogen

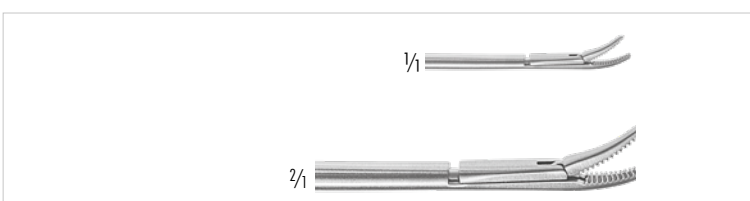
curved down 45°



410-339-000 1 x 5 mm

rechts gebogen

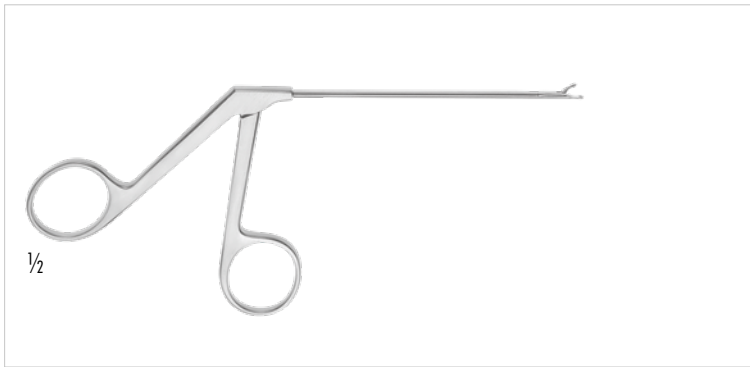
curved to the right



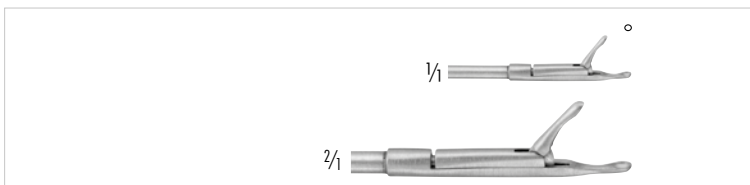
410-338-000 1 x 5 mm

links gebogen

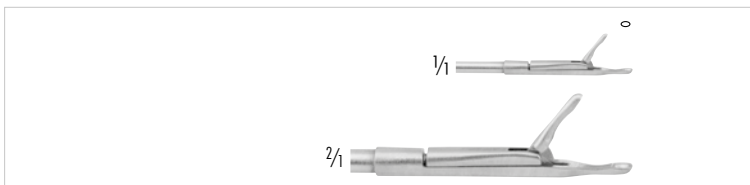
curved to the left



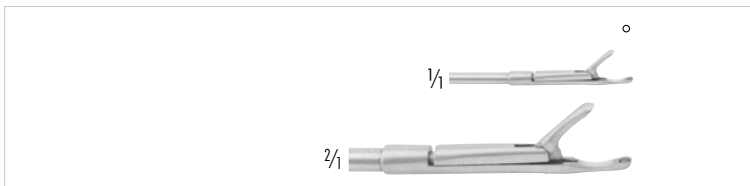
410-341-000 - 410-348-000
Mikro-Löffelzängchen, Rohrschaft
80mm Arbeitslänge
Micro cupped forceps with tubular shaft
80mm working length



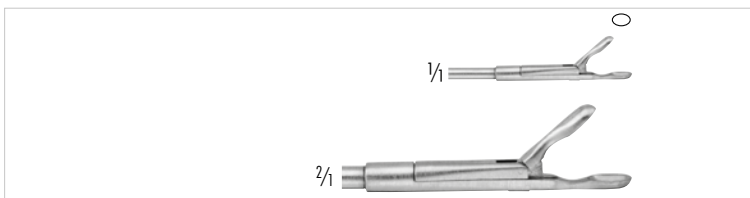
410-341-000 0,9 x 1,0 mm
gerade, Löffel oval
straight, oval cup



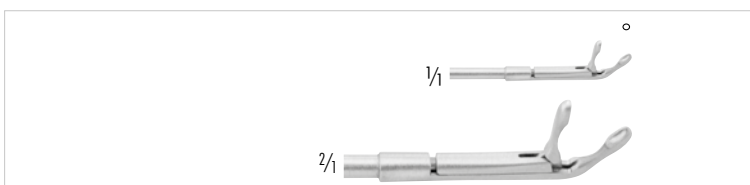
410-345-000 0,8 x 1,3 mm
WULLSTEIN
gerade, Löffel oval
straight, oval cup



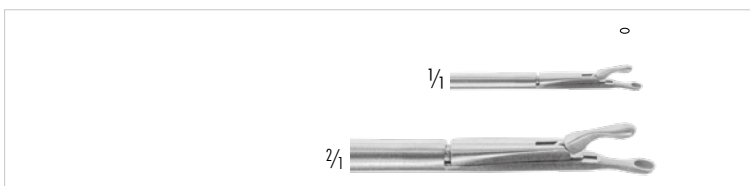
410-346-000 Ø 1,0 mm
WULLSTEIN
gerade, Löffel rund
straight, round cup



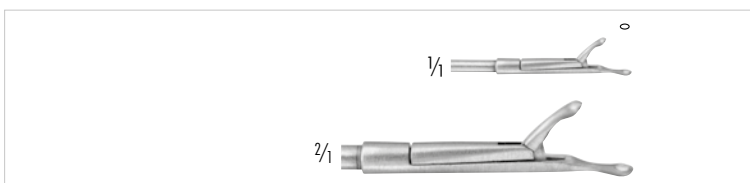
410-348-000 1,7 x 2,5 mm
WULLSTEIN
gerade, Löffel oval
straight, oval cup



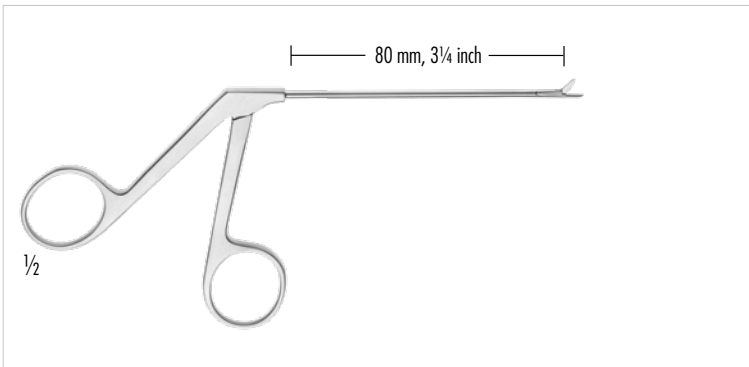
410-342-000 0,9 x 1,0 mm
gebogen, Löffel oval
curved up, oval cup



410-343-000 0,8 x 1,3 mm
WULLSTEIN
links gebogen, Löffel oval
curved to the left, oval cup

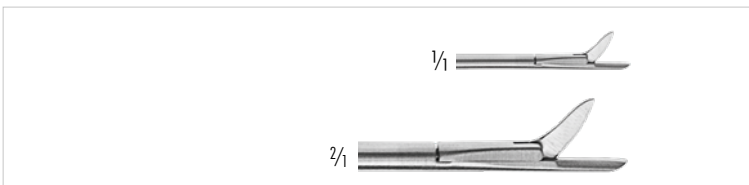


410-344-000 0,8 x 1,3 mm
WULLSTEIN
rechts gebogen, Löffel oval
curved to the right, oval cup



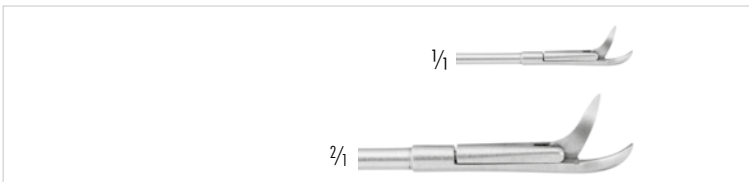
410-350-000 - 410-360-000

Mikro-Scherchen, Mikro-Stanzen,
Mikro-Drahtbiegezängchen, **Rohrschaft**
Micro scissors with, micro punches,
micro wire bending forceps, **tubular shaft**



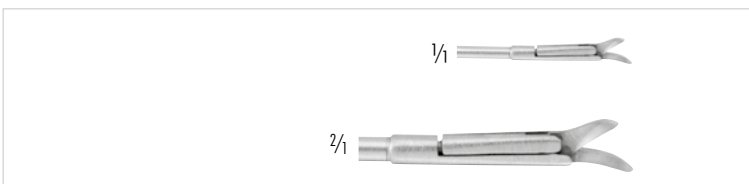
410-350-000 5mm

BELLUCCI
Mikro-Scherchen, gerade, spitz/spitz
Micro scissors, straight, sharp/sharp



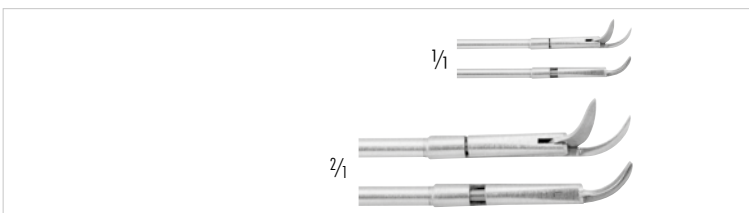
410-352-000 5mm

BELLUCCI
Mikro-Scherchen, nach links gebogen, spitz/spitz
Micro scissors, curved to the left, sharp/sharp



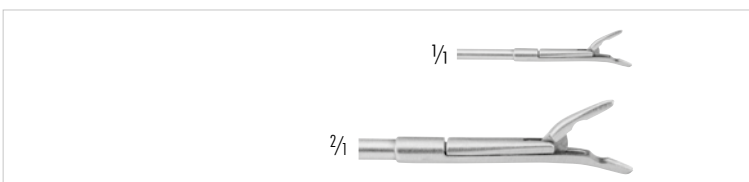
410-353-000 5mm

BELLUCCI
Mikro-Scherchen, nach rechts gebogen, spitz/spitz
Micro scissors, curved to the right, sharp/sharp



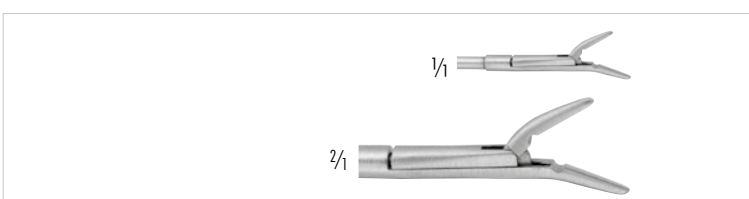
410-355-000

BELLUCCI
Mikro-Scherchen, horizontal schneidend
Micro scissors, horizontal cutting



410-359-000

MC GEE
Mikro-Drahtbiegezängchen, nach unten gebogen, Maullänge 3,5 mm
Wire bending forceps, curved down, jaw length 3.5 mm



410-360-000

MC GEE
Mikro-Drahtbiegezängchen, nach unten gebogen, Maullänge 5 mm
Wire bending forceps, curved down, jaw length 5 mm



410-208-100

SOFFERMANN

Nadelhalter mit Sperre, mit Schiebeschäft, kariertes Maul,
4,5 mm Maullänge, Arbeitslänge: 100 mm
Needle Holder with ratchet, with sliding shaft, serrated jaws,
4.5 mm long jaw, Working length: 4 inch



410-370-082 Rechts gebogen/offset right

410-370-081 Links gebogen/offset left

JUERS

Ohrzängchen, bajonettförmig, 6 mm Maullänge,
Arbeitslänge: 80 mm
Ear Forceps, bayonet shaped, 6 mm long jaws,
Working length: 3 1/8 inch

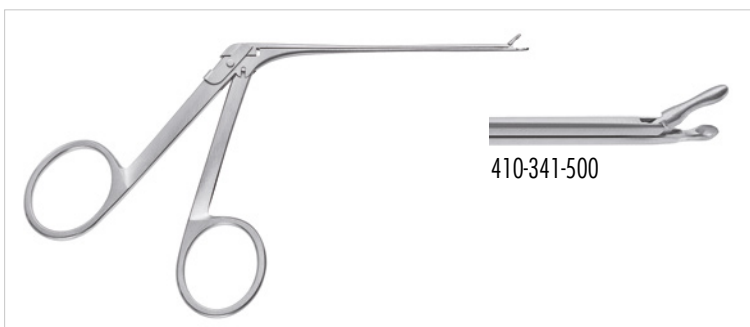


410-335-800 4,5 mm langes Maulteil/4.5 mm long jaw

410-330-800 3,0 mm langes Maulteil/3.0 mm long jaw

410-335-700 4,5 mm langes Maulteil/4.5 mm long jaw
glatt/smooth

Alligator Ohrzängchen, superfein, 0,8 mm breit,
Arbeitslänge: 80mm
Alligator Ear Forceps, extra fine, 0.8 mm wide,
Working length: 3 1/8 inch

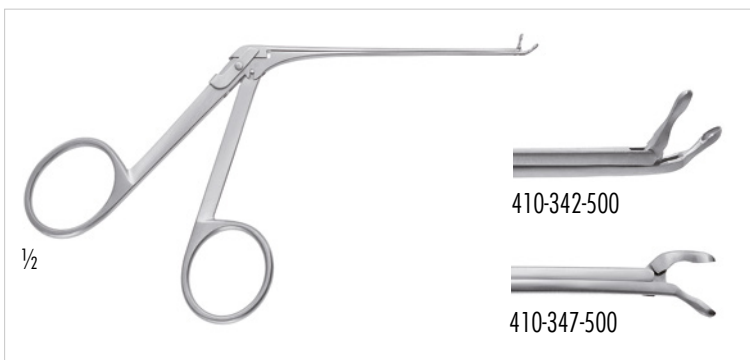


410-341-500 gerade/straight

410-343-500 links/left curved

410-344-500 rechts/right curved

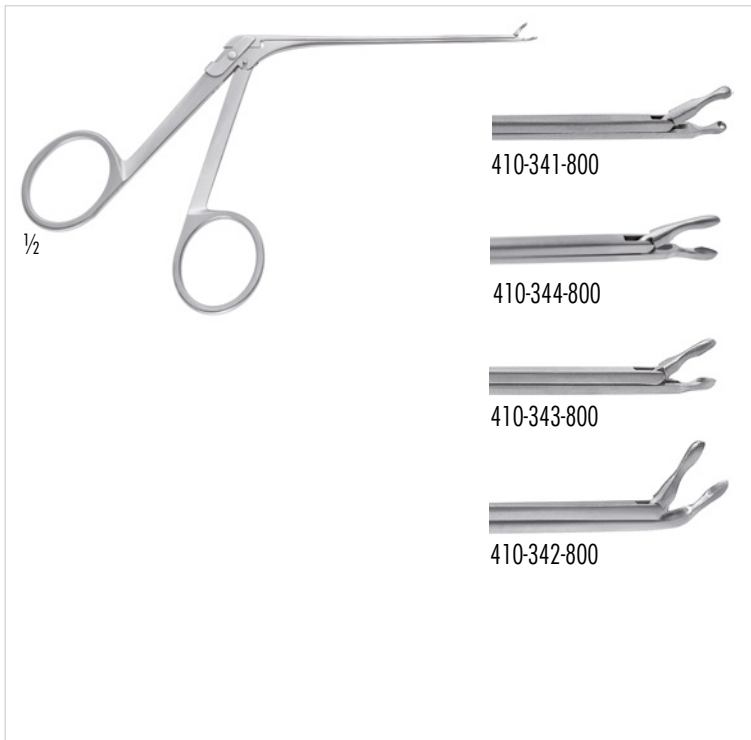
Ohrzängchen ovaler Löffel, 0,9 mm breit
feines Modell, 4,5 mm Maullänge, Arbeitslänge: 80 mm
Ear Forceps with oval cups, 0.9 mm wide
fine model, 4.5 mm jaw length, Working length: 3 1/8 inch



410-342-500 aufwärts/upwards curved

410-347-500 abwärts/down curved

Ohrzängchen ovaler Löffel, 0,9 mm breit,
feines Modell, 4,5mm Maullänge, Arbeitslänge: 80 mm
Ear Forceps with oval cups, 0.9 mm wide,
fine model, 4.5mm jaw length, Working length: 3 1/8 inch



- 410-341-800 gerade/straight
 410-344-800 rechts gebogen/right curved
 410-343-800 links gebogen/left curved
 410-342-800 35° aufgebogen/35° upcurved

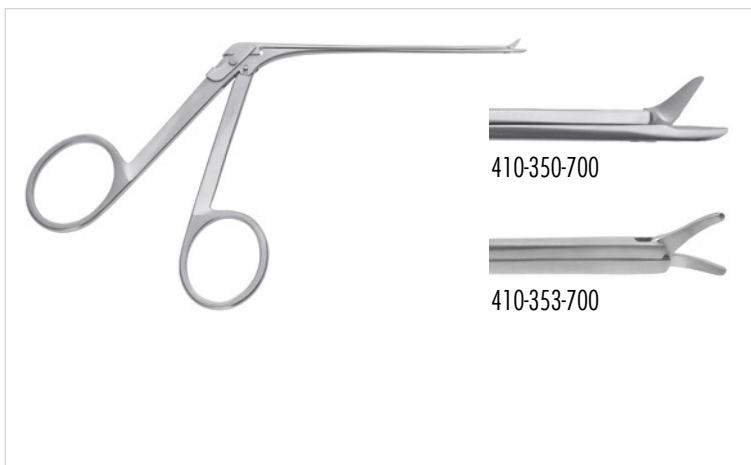
Löffelzängchen superfein, 0,6 mm Löffel, 4,5 mm langes Maulteil,
 Arbeitslänge: 80mm
 Oval Cup Forceps, 0.6 mm wide spoon, 4.5 mm long jaw,
 Working length: 3 1/8 inch



- 410-365-080 45° links/45° left
 410-366-080 45° rechts/45° rechts

HOUGH

Seitenschneider, gewinkelt, feines Modell, Arbeitslänge: 80 mm
 Crura Nipper Forceps, angled, fine model, Working length: 3 1/8 inch



- 410-350-700 gerade/straight
 410-353-700 rechts gebogen/right curved
 410-352-700 links gebogen/left curved

HOUSE BELLUCCI

Ohrscherchen, feines Modell, 4,5 mm Schneide, Arbeitslänge: 80 mm
 Ear Scissors, fine model, 4.5 mm blade, straight, 3 1/8 inch



410-340-080



410-360-500



410-359-500



410-361-080



410-350-132

**410-340-080****VENT**

Tube Ohrzängchen, feines Modell, Arbeitslänge: 80 mm
Tube Forceps, fine model, Working length: 3 1/8 inch

410-360-500**MC GEE**

Drahtschließzängchen, großes Modell, Arbeitslänge: 80 mm
Malleus Crimper, large model, Working length: 3 1/8 inch

410-359-500**MC GEE**

Drahtschließzängchen, superfeines Modell, Arbeitslänge: 80 mm
Malleus Crimper, super-fine model, Working length: 3 1/8 inch

410-361-080**GREVEN**

Ohrzängchen, feines Modell, Arbeitslänge: 80 mm
Ear Forceps, fine model, Working length: 3 1/8 inch

410-350-132**KOS**

Ohrzängchen, feines Modell, Arbeitslänge: 80 mm
Ear Forceps, fine model, Working length: 3 1/8 inch



1/2

410-350-500



410-352-500



410-353-500



410-351-500

**410-350-500**

gerade/straight

410-352-500

links gebogen/left curved

410-353-500

rechts gebogen/right curved

410-351-500

35° aufgebogen/35° upcurved

HOUSE BELLUCCI

Ohrscherchen, mittleres Modell, 5,0 mm Schneide,
Arbeitslänge: 87 mm

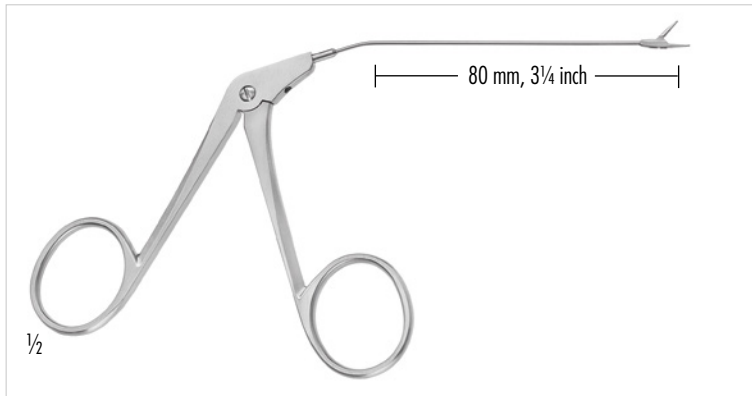
Ear Scissors, middle model, 5.0 mm blade length,
Working length: 3 1/8 inch



1/2

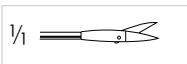
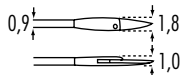
410-223-010

Paukenröhrchen Einführinstrument, 100mm
Tube insertion instrument, 100mm



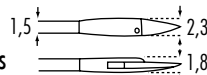
Ohrscherchen, **Rohrschaft**
Aural scissors, **tubular shaft**

Ohrscherchen
Aural scissors



410-352-010

Ohrscherchen
Aural scissors



410-351-010

gerade
straight

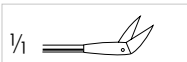


410-352-020



410-351-020

gerade horizontal
straight horizontal



410-352-030



410-351-030

aufgebogen
angled up

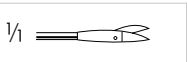


410-352-040

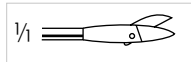


410-351-040

aufgebogen horizontal
angled up horizontal

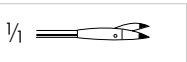


410-352-050



410-351-050

rechts gebogen
curved right

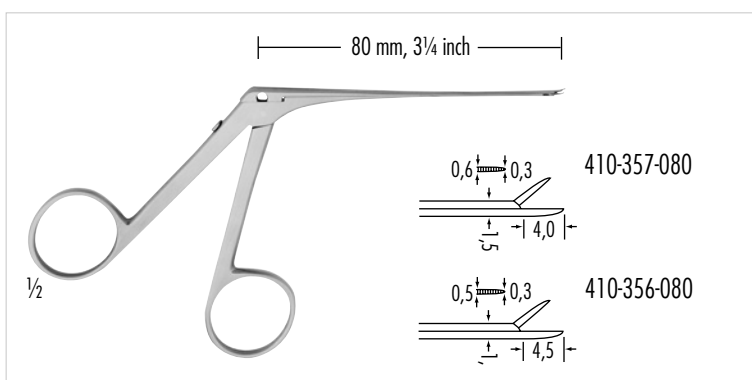


410-352-060



410-351-060

links gebogen
curved left

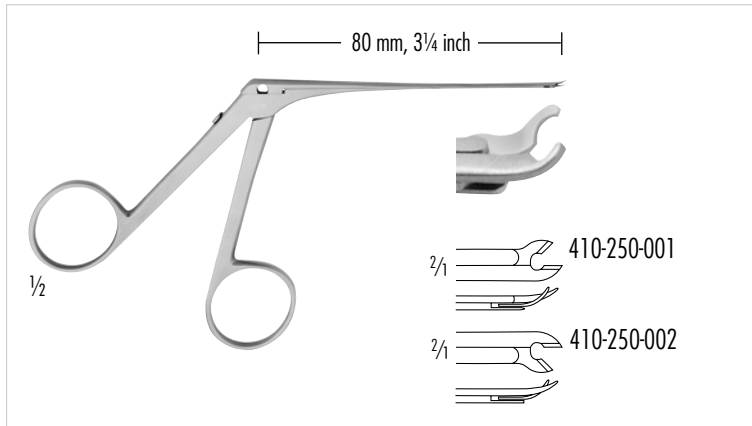


410-357-080 0,6 x 4 mm

410-356-080 0,5 x 4,5 mm, Schafthöhe 1,3 mm
thickness of shaft 1.3 mm

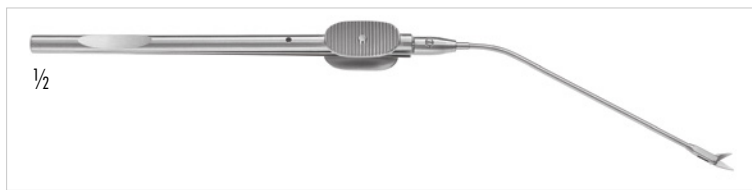
FISCH

Mikro Ohrfasszange, extra zart, gerade, gerieft,
Schafthöhe 1,5 mm, 80 mm Arbeitslänge,
Micro aural forceps, very delicate, straight, serrated,
thickness of shaft 1.5 mm, 3 1/4 inch working length



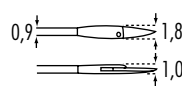
410-250-001 nach rechts öffnend/opening to right
410-250-002 nach links öffnend/opening to left
FISCH

Crurotomie Scherchen, Arbeitslänge 80 mm
Crurotomy scissors, working length 3 1/4 inch



410-302-000
Neurektomie Schere, 160 mm
Neurectomy scissors, 6 1/4 inch

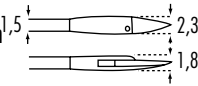
Neurektomiescheren
Neurectomy scissors



1/1

410-303-000

Neurektomiescheren
Neurectomy scissors



1/1

410-302-000

gerade
straight



1/1

410-303-010



1/1

410-302-010

gerade horizontal
straight horizontal



1/1

410-303-020



1/1

410-302-020

aufgebogen
angled up



1/1

410-303-030



1/1

410-302-030

aufgebogen horizontal
angled up horizontal



1/1

410-303-040



1/1

410-302-040

rechts gebogen
curved right



1/1

410-303-050



1/1

410-302-050

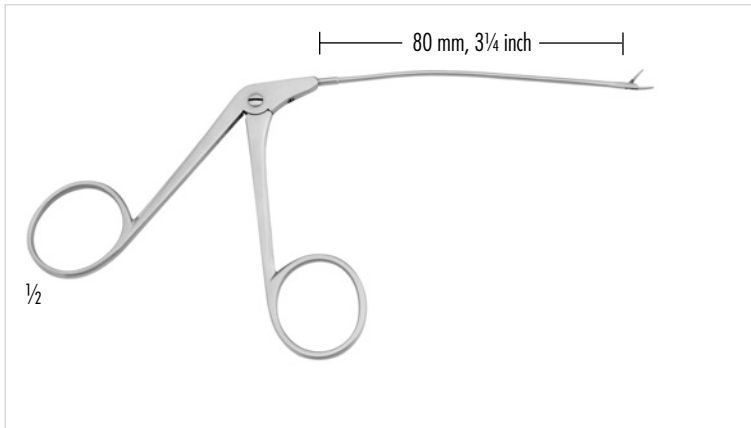
links gebogen
curved left



1/1

410-302-060

gerade 8,0 mm
straight 8.0 mm



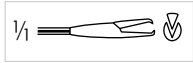
Ohrzängchen, **Rohrschaft**, Rohr 0,9 mm, Maul 1,8 mm
Aural forceps, **tubular shaft**, tube 0.9 mm, jaws 1.8 mm

1 x 2 Zahn
1 x 2 teeth

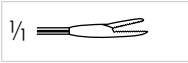
gerieftes Maul
serrated jaws

Alligator Maul
alligator jaws

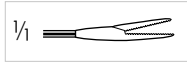
Ohrzangen
Aural forceps



410-343-100



410-341-100



410-340-100

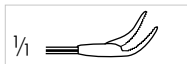
gerade
straight



410-343-200

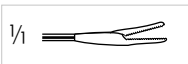


410-341-200

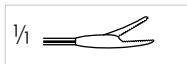


410-340-200

aufgebogen
angled up

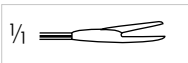


410-341-300

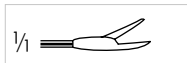


410-340-300

rechts gebogen
curved right



410-341-400



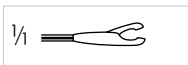
410-340-400

links gebogen
curved left

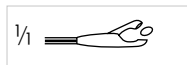
◦ 1 mm Ø

oval
oval

Löffelzangen
Cup-shaped forceps

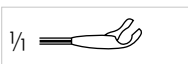


410-340-110

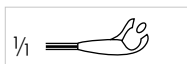


410-340-210

gerade
straight

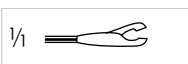


410-340-120

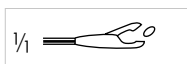


410-340-220

aufgebogen
angled up

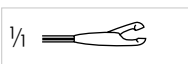


410-340-130

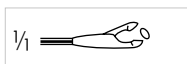


410-340-230

rechts gebogen
curved right

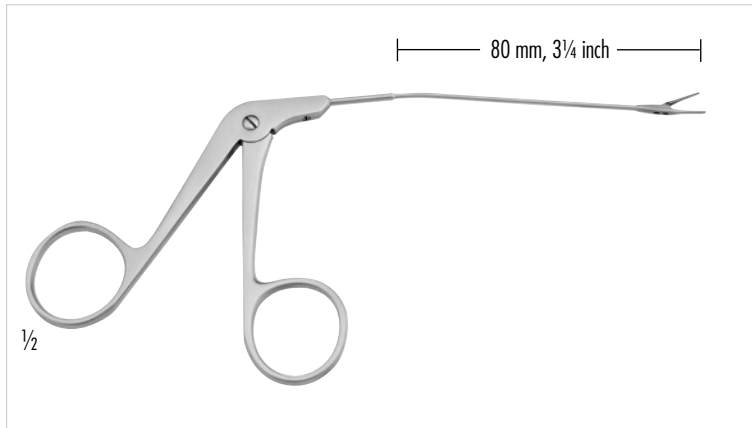


410-340-140



410-340-240

links gebogen
curved left



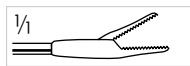
Ohrzängchen, **Rohrschaft**, Schaft 1,5 mm, Maul 2,3 mm
Aural forceps, **tubular shaft**, shaft 1.5 mm, jaws 2.3 mm

1 x 2 Zahn
1 x 2 teeth



410-342-100

gerieftes Maul
serrated jaws



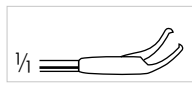
410-342-110

Alligator Maul
alligator jaws

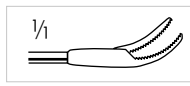


410-342-210

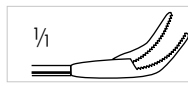
1,5 2,3 1,8
Ohrzangen
Aural forceps
gerade
straight



410-342-200

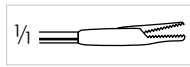


410-342-120



410-342-220

aufgebogen
angled up



410-342-130



410-342-230

rechts gebogen
curved right



410-342-140



410-342-240

links gebogen
curved left

◦ 1 mm Ø

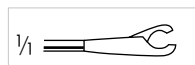
◦ 1,5 mm Ø

◦ 2 mm Ø

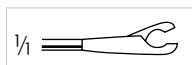
◦ 2,5 mm Ø

oval = 1,5 x 0,8 mm
ovale = 1.5 x 0.8 mm

Löffelzangen
Cup-shaped forceps



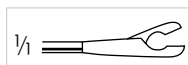
410-343-110



410-343-210



410-343-310



410-343-410

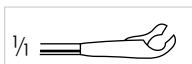


410-343-510

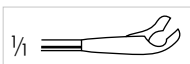
gerade
straight



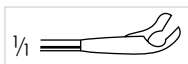
410-343-120



410-343-220



410-343-320

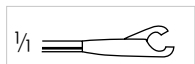


410-343-420

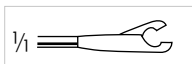


410-343-520

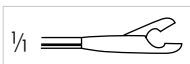
aufgebogen
angled up



410-343-130



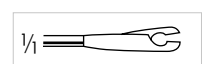
410-343-230



410-343-330

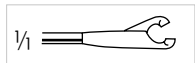


410-343-430



410-343-530

rechts gebogen
curved right



410-343-140



410-343-240



410-343-340



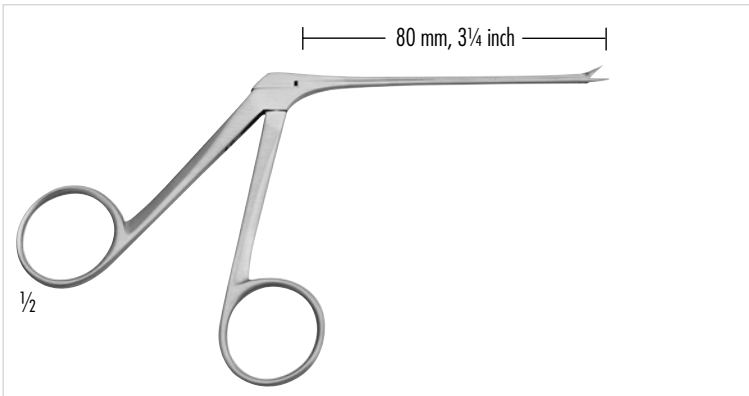
410-343-440



410-343-540

links gebogen
curved left

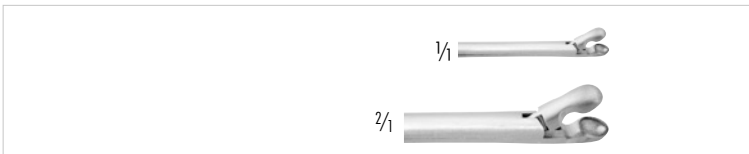
Schieberschaft Instrumente/Sliding shaft Instruments



410-423-000 4.0 mm x 1.7 mm

ORMEROD

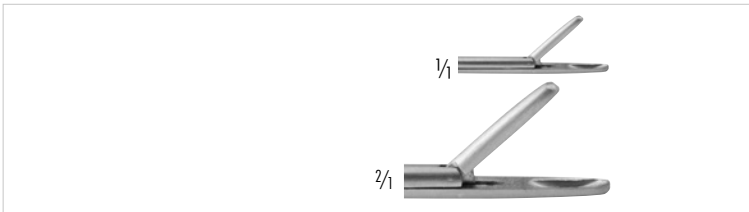
Mikro-Löffelzängchen, gerade, Löffel rund
Micro cupped forceps, straight, round cup



410-424-000 5 mm x 1 mm

ORMEROD

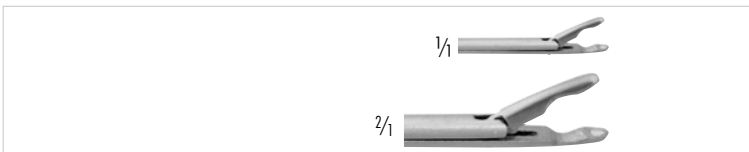
Mikro-Löffelzängchen, gerade, Löffel oval
Micro cupped forceps, straight, oval cup



410-349-000 4.0 mm x 0.8 mm

SHEA

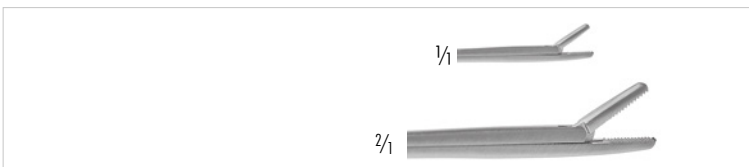
Mikro-Löffelzängchen, gerade, Löffel oval
Micro cupped forceps, straight, oval cup



410-329-000 1 mm x 5.0 mm

HOUGH

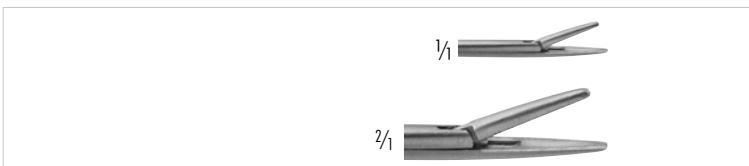
Mikro-Ohrzängchen, gerade, gerieftes Maul
Micro Alligator forceps, straight, serrated jaws



410-334-000 1.25 mm x 7.0 mm

CAWTHORNE

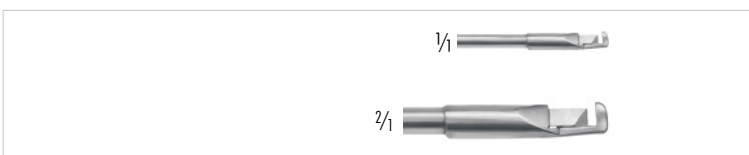
Mikro-Ohrzängchen, gerade, glattes Maul
Micro Alligator forceps, straight, smooth jaws



410-300-000

HOUSE-DIETER

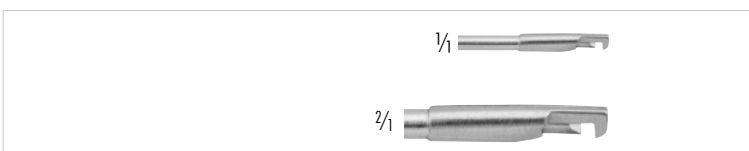
Mikro-Stanze, nach oben schneidend
Malleus nipper, upwards cutting



410-301-000

HOUSE-DIETER

Mikro-Stanze, nach unten schneidend
Malleus nipper, downwards cutting

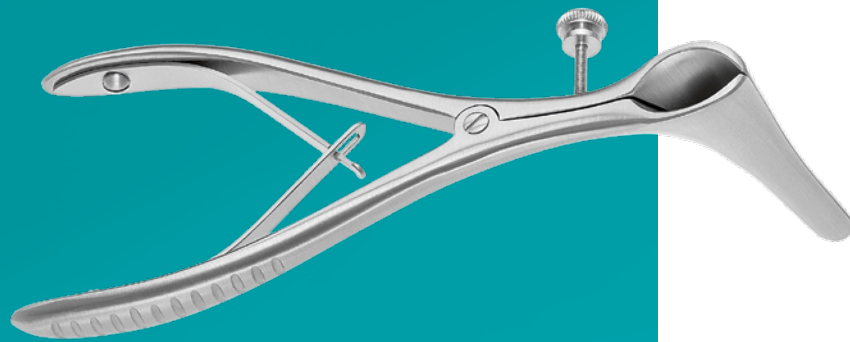


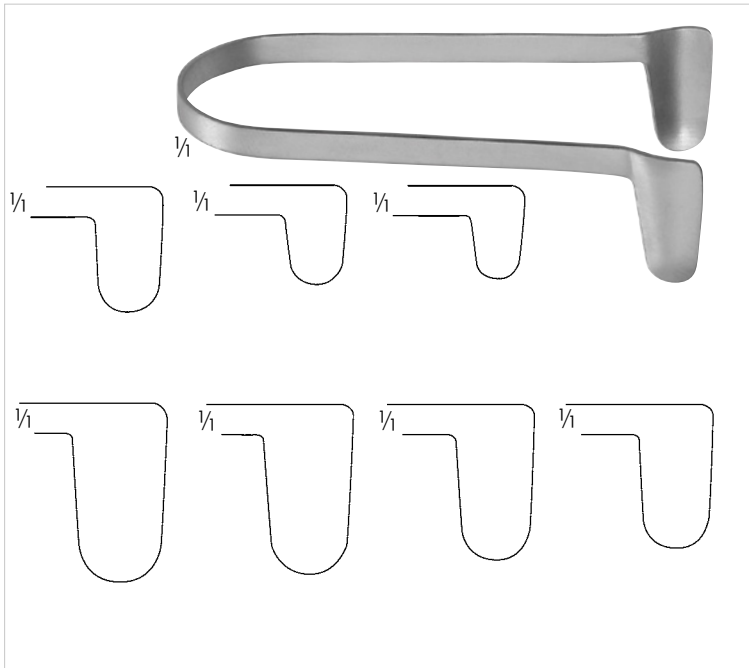


	Innenmaße/inner dimension
600-402-140	200 x 140 x 54mm
600-402-195	280 x 195 x 45mm
600-402-255	265 x 255 x 45mm
600-402-260	380 x 260 x 45mm

Mikro Container mit Deckel- und Bodenlochung, mit Textil-Langzeitfilter für Dampfsterilisation, TÜV-geprüft, Einfach Lagerung
 Micro container with lid and bottom perforation, with textile «Longterm» filter, steam sterilization, TÜV-approved, single bearing system

RHINOLOGY





- 420-050-001 8,5 x 6,0 mm
- 420-050-002 9,0 x 7,0 mm
- 420-050-003 12,5 x 8,0 mm
- 420-050-004 15,0 x 8,5 mm
- 420-050-005 16,5 x 9,0 mm
- 420-050-006 18,0 x 10,0 mm
- 420-050-007 19,5 x 10,5 mm

THUDICHUM (MARK HOVELL)

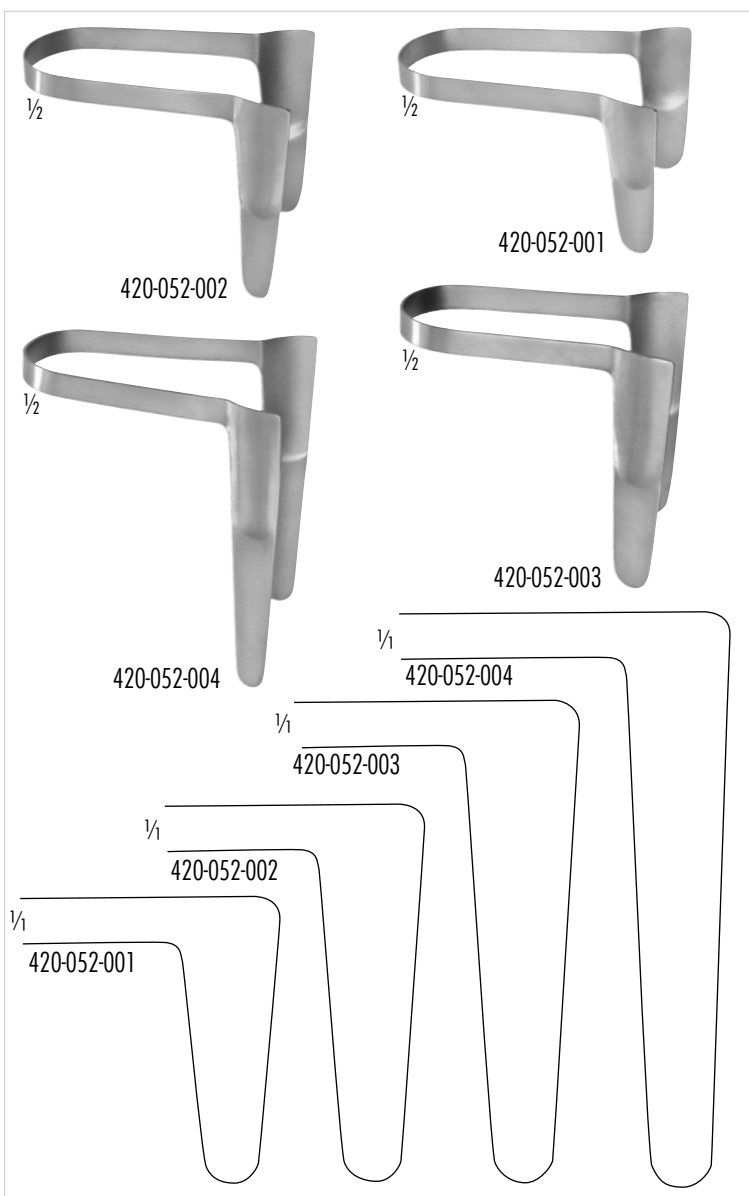
Nasenspekulum, 70 mm

Nasal specula

- 420-050-101 8,5 x 6,0 mm
- 420-050-102 9,0 x 7,0 mm
- 420-050-103 12,5 x 8,0 mm
- 420-050-104 15,0 x 8,5 mm
- 420-050-105 16,5 x 9,0 mm
- 420-050-106 18,0 x 10,0 mm
- 420-050-107 19,5 x 10,5 mm

Nasenspekulum, **isoliert**, 70 mm

Nasal specula, **insulated**



- 420-052-001 38 mm

- 420-052-002 50 mm

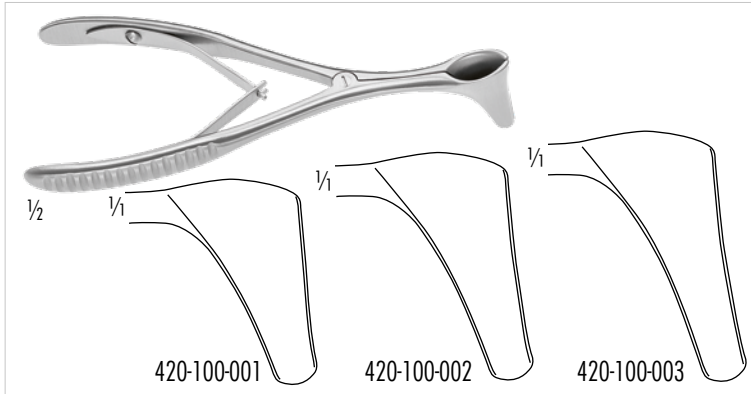
- 420-052-003 65 mm

- 420-052-004 75 mm

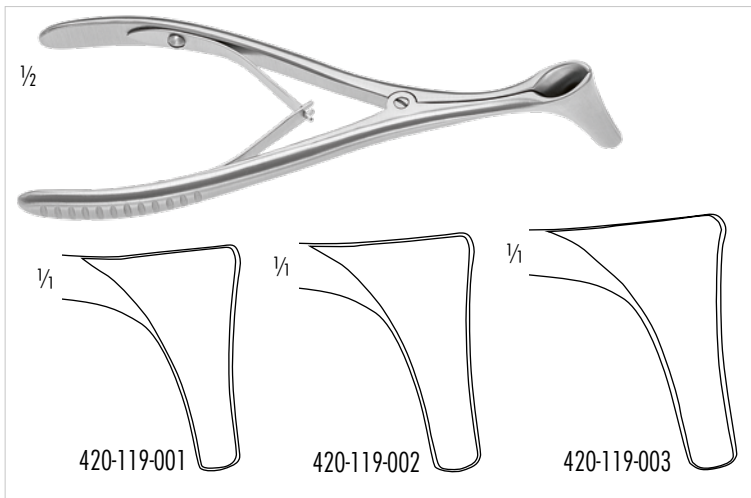
ST CLAIR THOMPSON

Nasenspekulum, 73 mm

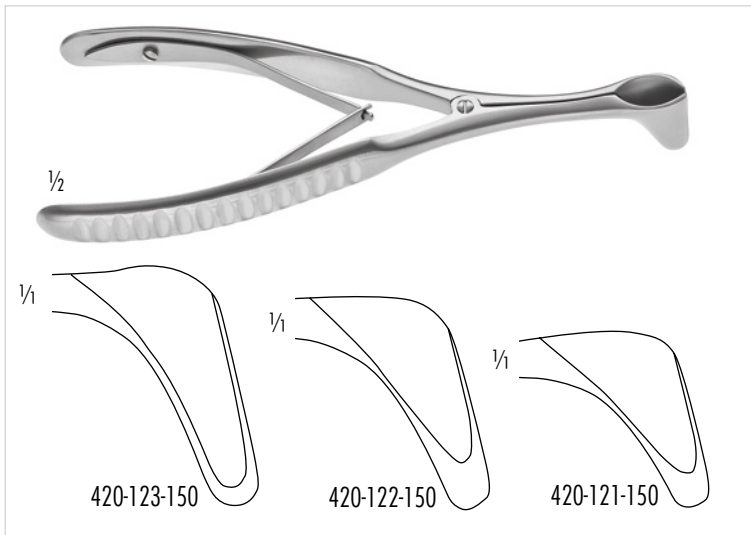
Nasal specula, 2 1/2 inch



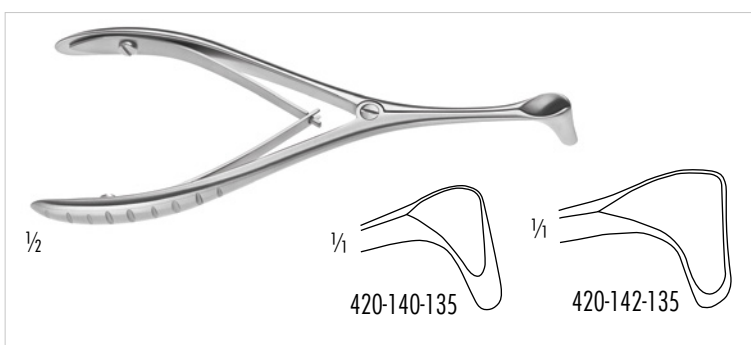
420-100-001 Fig.1 27 x 7 mm
 420-100-002 Fig.2 30 x 7 mm
 420-100-003 Fig.3 33 x 7 mm
 Wiener Modell Nasenspekulum, 130 mm
 Vienna pattern nasal specula, 5 inch



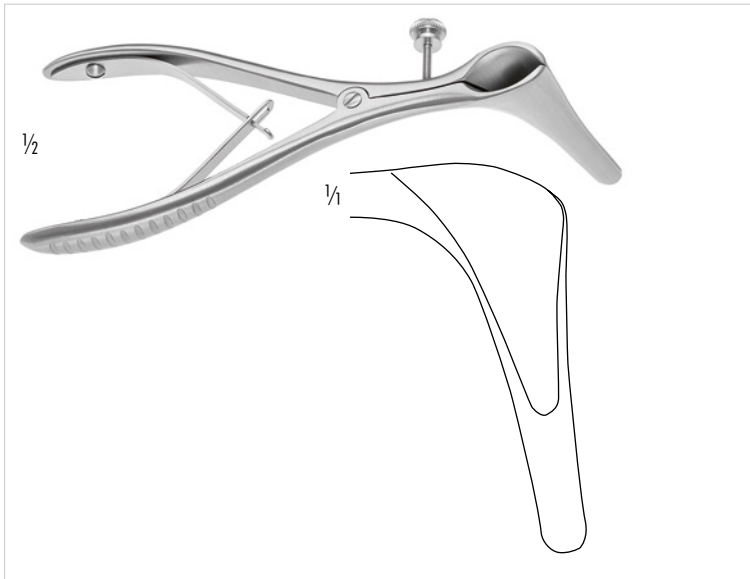
420-119-001 29 x 7 mm
 420-119-002 33 x 7 mm
 420-119-003 35 x 7 mm
HARTMANN
 Nasenspekulum, 160 mm
 Nasal specula, 6 1/4 inch



420-121-150 27 mm
 420-122-150 31 mm
 420-123-150 35 mm
HARTMANN-HALLE
 Nasenspekulum, 155 mm
 Nasal specula, 6 inch



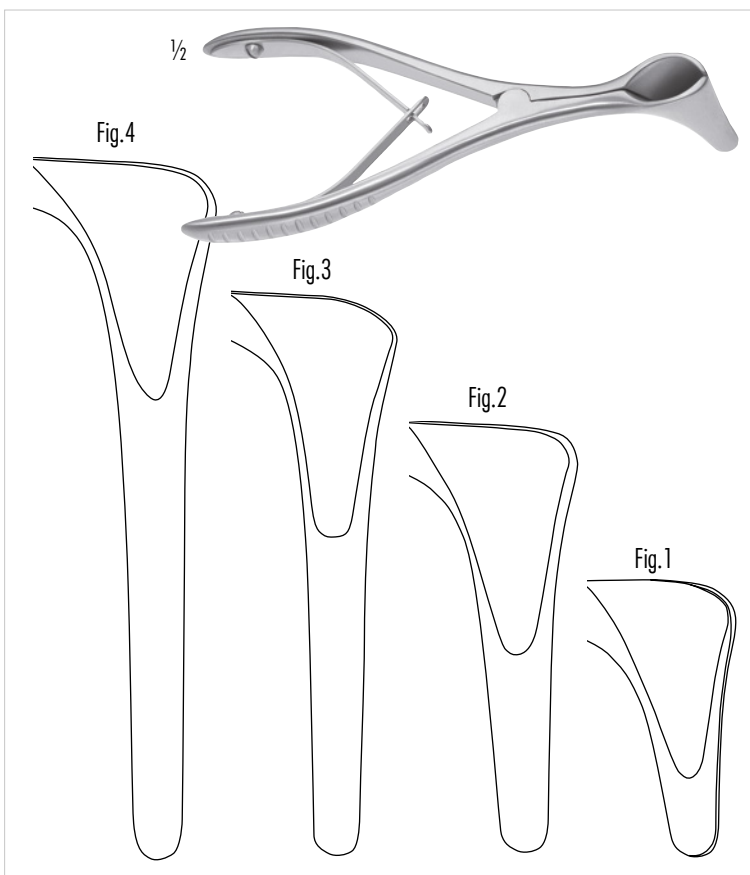
420-140-135 klein/small
 420-142-135 groß/large
TIECK-HALLE
 Nasenspekulum, Kindermodelle, 135 mm
 Nasal specula, pediatric pattern, 5 1/4 inch



420-134-050 50 x 6 mm

COTTLE

Septumspeculum, leicht spitz zulaufend
Septum specula, slightly tapered blades



420-145-036 Fig.1 36 x 7 mm

420-145-056 Fig.2 56 x 7 mm

420-145-075 Fig.3 75 x 7 mm

420-145-090 Fig.4 90 x 7 mm

KILLIAN

Nasenspekulum, 145 mm
Septum specula, 5 3/4 inch



420-743-055 55 mm

420-743-075 75 mm

420-743-090 90 mm

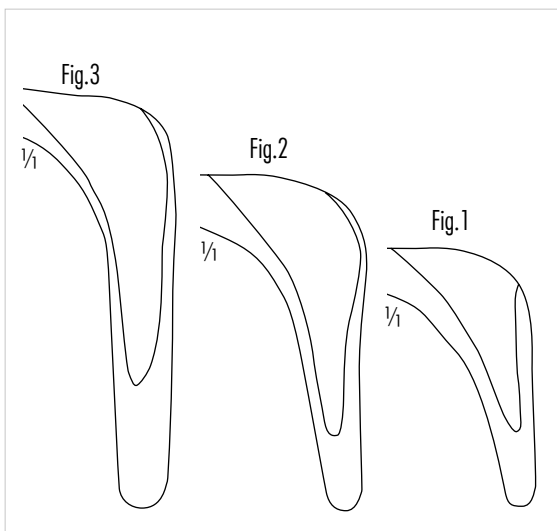
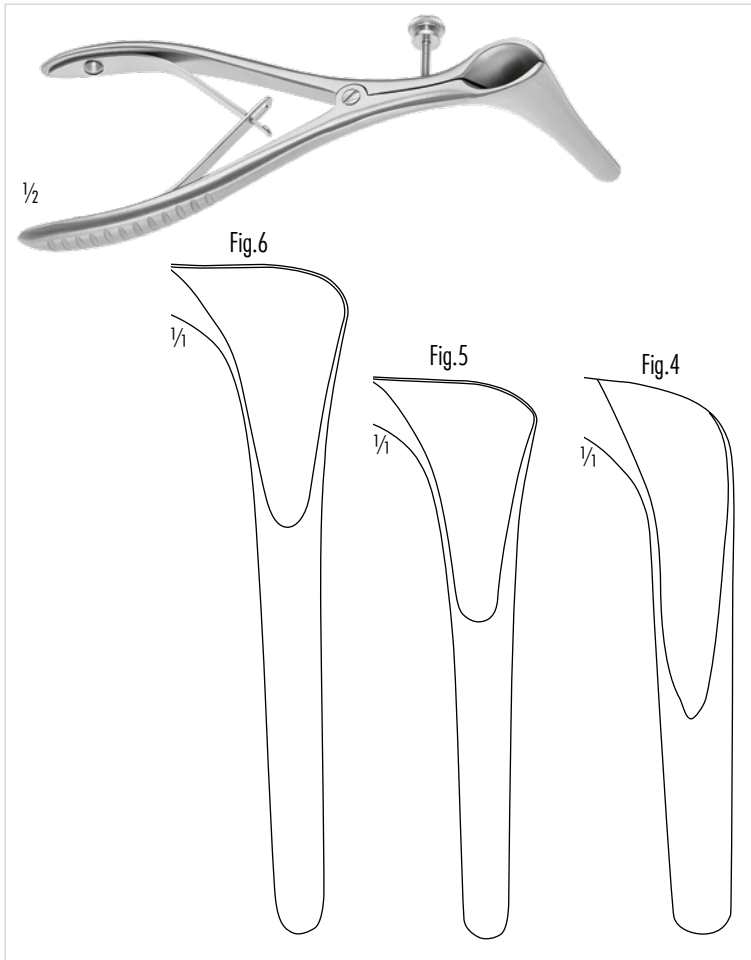
KILLIAN

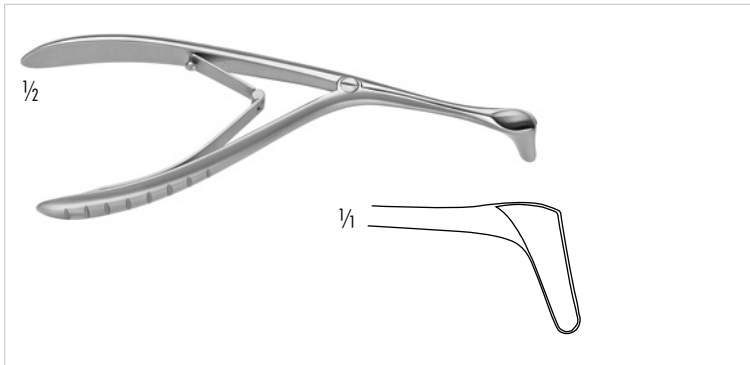
Nasenspekulum, mit abnehmbarem Kaltlichtträger, 140 mm
Nasal specula, with detachable cold light carrier, 5 1/2 inch

420-136-020	Fig.1	30 mm
420-136-035	Fig.2	38 mm
420-136-055	Fig.3	55 mm
420-136-070	Fig.4	70 mm
420-136-080	Fig.5	80 mm
420-136-090	Fig.6	90 mm

COTTLE

Nasenspekula mit Stellschraube, 135 mm
Nasal specula with set-screw, 5 1/4 inch

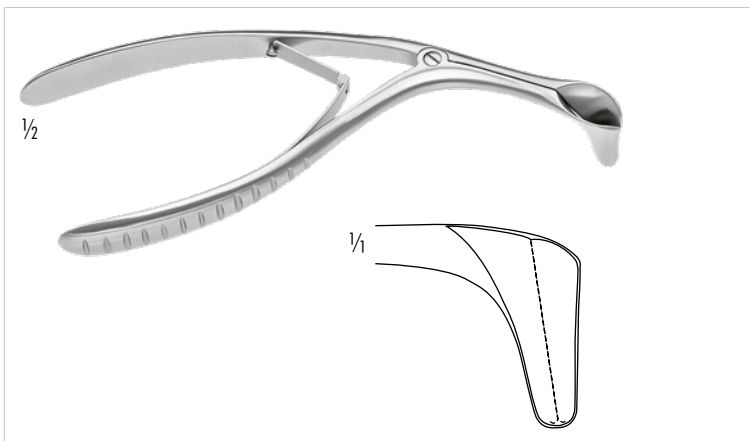




420-147-140

BECKMANN

Nasenspekula, Kindermode, seitwärts gebogen, 150 mm
Nasal specula, pediatric pattern, curved sideways, 6 inch



420-148-150

BECKMANN

Nasenspekula, seitwärts gebogen, 150 mm
Nasal specula, curved sideways, 6 inch



420-140-035 35mm Blattlänge/blade length
420-140-050 50mm Blattlänge/blade length
420-140-075 75mm Blattlänge/blade length
420-140-090 90mm Blattlänge/blade length
420-140-100 100mm Blattlänge/blade length

COTTLE MASING

Nasenspekula für flexiblen Spannarm, mit Stellschraube
Nasal Specula for flexible arm



420-150-001 links/left 55mm, rechts/right 35mm
420-150-002 links/left 35mm, rechts/right 55mm
420-150-003 links/left 65mm, rechts/right 45mm
420-150-004 links/left 45mm, rechts/right 65mm
420-150-005 links/left 75mm, rechts/right 35mm
420-150-006 links/left 35mm, rechts/right 75mm
420-150-007 links/left 75mm, rechts/right 52mm
420-150-008 links/left 52mm, rechts/right 75mm

Sinus Spekula zur Verwendung mit flexiblen Spannarm,
mit Zähnen, mit Stellschraube
Sinus Specula for use with flexible arm, with teeth,
with set screw



420-150-160

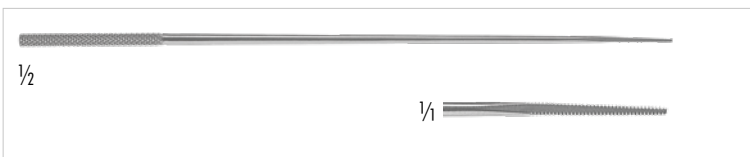
Nasensonde, kniegebogen, 160 mm
Nasal probe, knee angled, 6 1/4 inch



420-150-165

KILLIAN

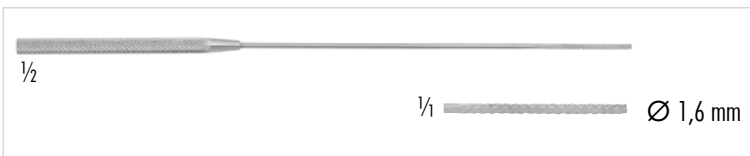
Nasensonde, leicht gebogen, 165 mm
Nasal probe, slightly curved, 6 1/2 inch



160-426-165 Ø 1,2 mm

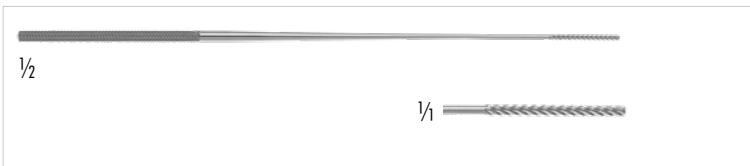
LATHBURY-FARRELL

Nasenwatteträger, Arbeitsende dreikant gerieft, 160 mm
Nasal applicator, triangular serrated end, 6 1/4 inch



160-426-160 Ø 1,6 mm

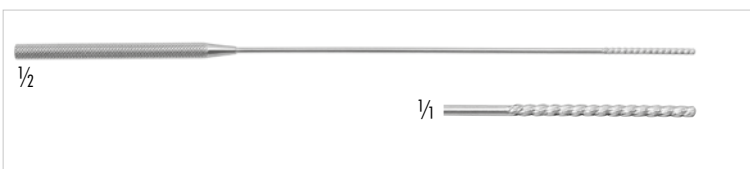
Nasenwatteträger, Arbeitsende dreikant gerieft, 160 mm
Nasal applicator, triangular serrated end, 6 1/4 inch



160-420-165 Ø 1,2 mm

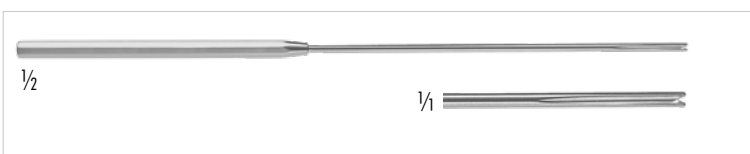
FARREL

Nasenwatteträger, Arbeitsende spiralförmig gerieft, 160 mm
Nasal applicator, rough spiral end, 6 1/4 inch



160-412-180 Ø 1,5 mm

Nasenwatteträger, Arbeitsende spiralförmig gerieft, 180 mm
Nasal applicator, rough spiral end, 7 inch



420-150-180

SIEBENMANN

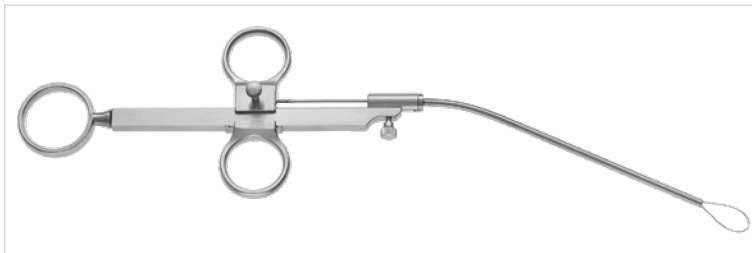
Nasenstopfer, 180 mm
Nasal plugger, 7 inch



420-413-230

LANGE

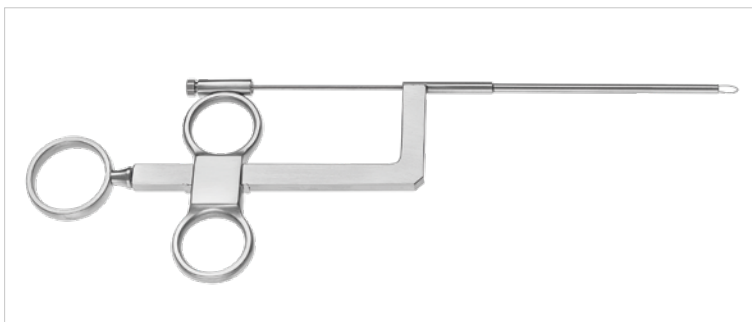
Choanenhaken, 230 mm
Choana hook, 9 ½ inch



420-201-260

KRAUSE

Nasenpolypenschnürer, kniegebogen, 250 mm
Nasal polypus snare, knee bent, 10 inch



410-270-250

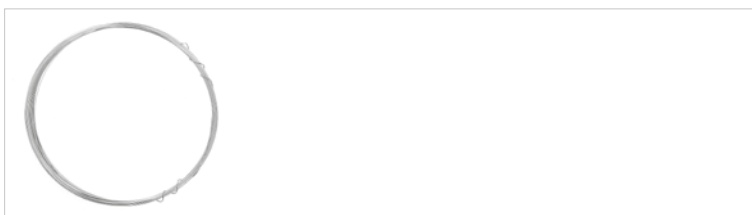
WILDE

Nasenpolypenschnürer, bajonettförmig gebogen, 250 mm
Nasal polypus snare, bayonet shaped, 10 inch



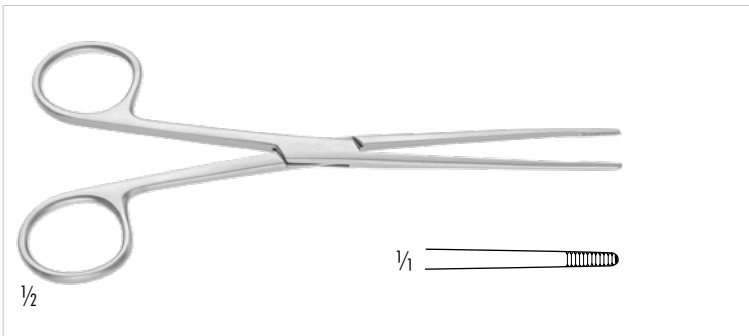
420-210-003 Ø 0,3 mm

Schlingen für Nasenpolypenschnürer,
Bestelleinheit: PH=Packung á 100 Stück
Wire loops for nasal snares,
sales unit: PH=Package of 100 pieces



420-210-013 Ø 0,3 mm

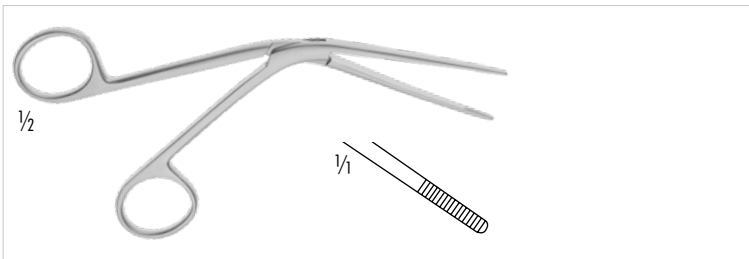
Schnürerdraht in Rollen á 10 m
Snare wire in coils of 10 metres



150-080-160 155 mm/6 inch
150-080-180 180 mm/7 inch

LISTER

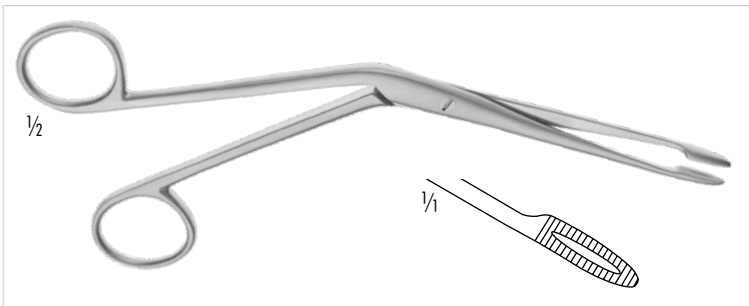
Tamponzange
Sinus forceps



410-232-140

TILLEY

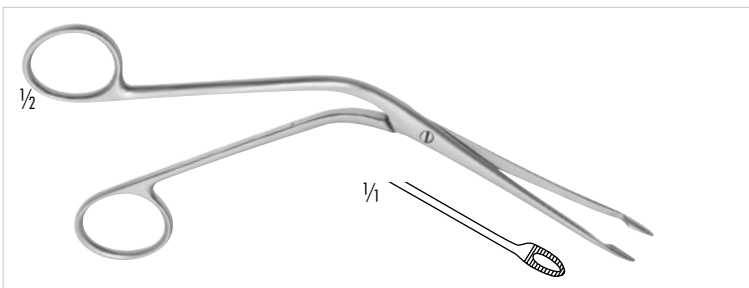
Nasentamponzange, 130 mm
Nasal dressing forceps, 5 1/8 inch



420-211-200

HARTMANN

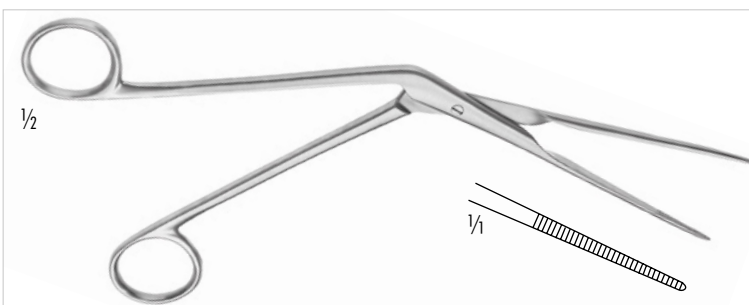
Nasentamponzange, 215 mm
Nasal dressing forceps, 8 1/4 inch



420-211-160

HARTMANN

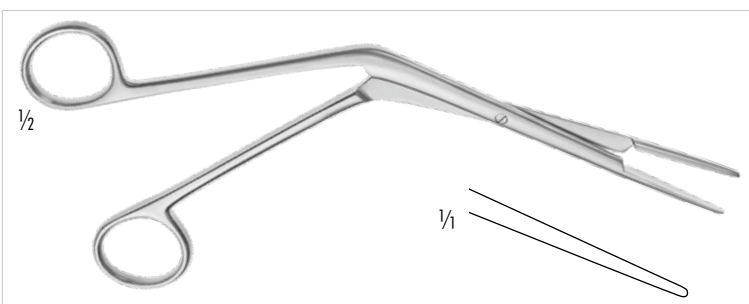
Nasentamponzange, 175 mm
Nasal dressing forceps, 7 inch



420-411-200

WEST

Nasentamponzange, 200 mm
Nasal dressing forceps, 8 inch



420-210-200

LUBET-BARBON

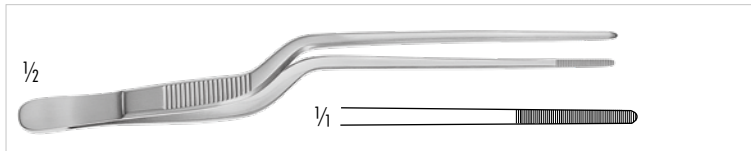
Nasentamponzange, 200 mm
Nasal dressing forceps, 8 inch



410-389-190

GRUENWALD

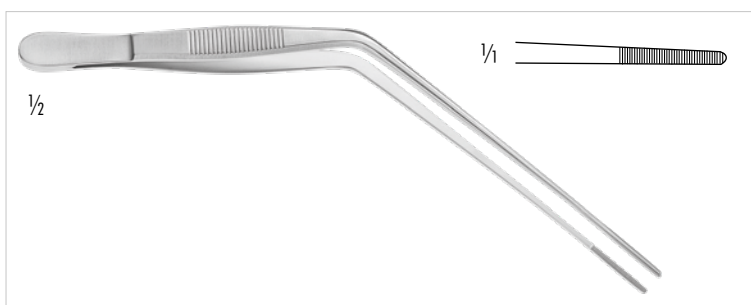
Nasenpinzetten, anatomisch, bajonettförmig, 200 mm
Nasal dressing forceps, bayonet shaped, 8 inch



410-395-160

JANSEN

Nasenpinzetten, anatomisch, bajonettförmig, 160 mm
Nasal dressing forceps, bayonet shaped, 6 1/4 inch



420-375-165

TROELTSCH (WILDE)

Nasenpinzetten, anatomisch, kniegebogen, 170 mm
Nasal dressing forceps, knee bent, 6 3/4 inch



410-228-000

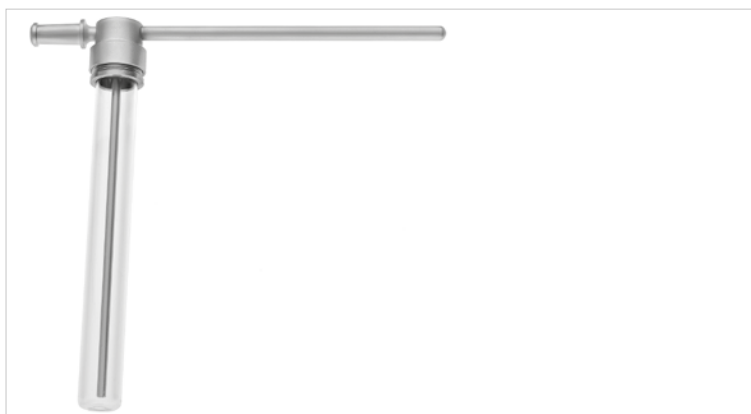
Universal Pulverbläser, mit beweglicher Nasenolive,
Schraubflasche 30 ccm und Halbgebläse
Universal Powder Blower, with adjustable nozzle,
threaded flask 30 ccm and Rubber Bulb

410-228-100

Halbgebläse allein / Rubber Bulb only

410-228-010

aufsteckbare Nasenolive, allein / Nose guard, only



410-229-000

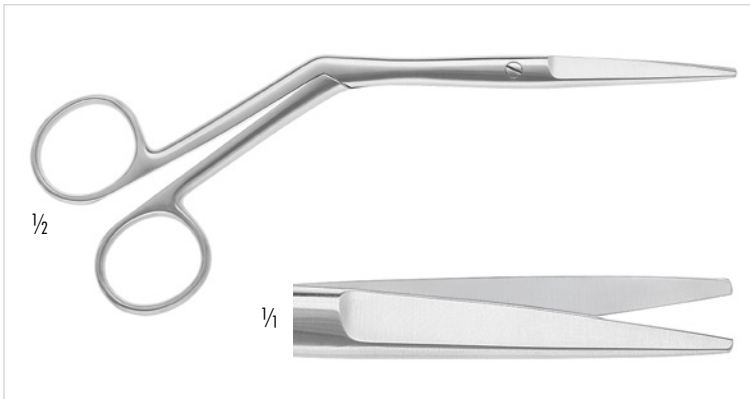
GRUENWALD

Zerstäuber mit gerader Kanüle, 130 mm
Atomizer with straight cannula, 5 1/8 inch

410-229-050

GRUENWALD

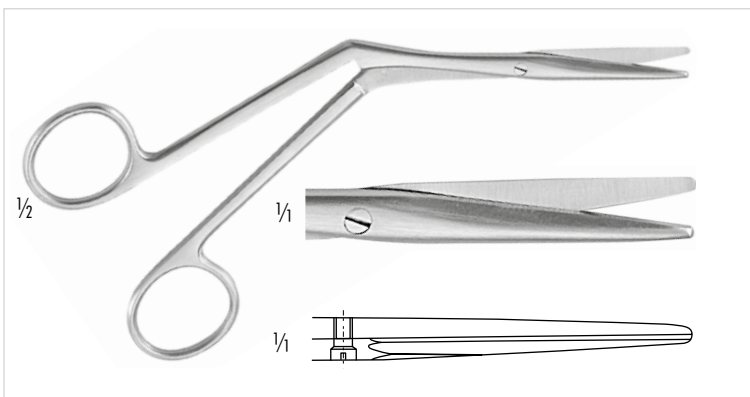
Ersatzflacon mit Gewinding
Threaded Spare Bottle only



- 120-284-180 gerade/straight
gezahntes oberes Blatt/
serrated upper blade
- 120-287-180 rechts gebogen/right curved
gezahnt/serrated
- 120-285-180 links gebogen/left curved
gezahnt/serrated
- 120-585-180 **TC**, unteres Blatt gezahnt, gerade
TC, lower blade serrated, straight

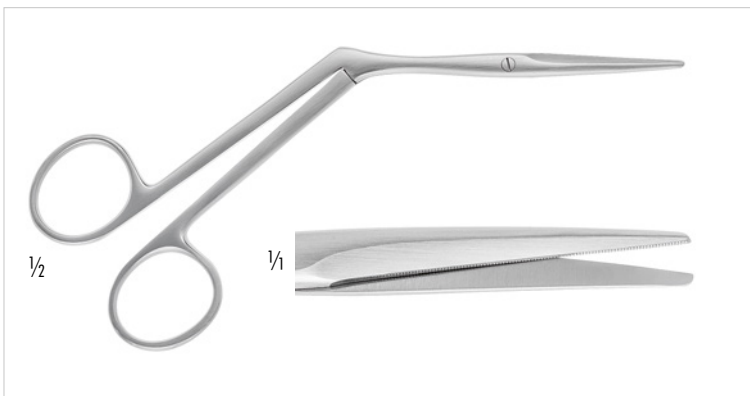
HEYMANN

Nasenschere, 190 mm,
Nasal scissors, 7 1/2 inch



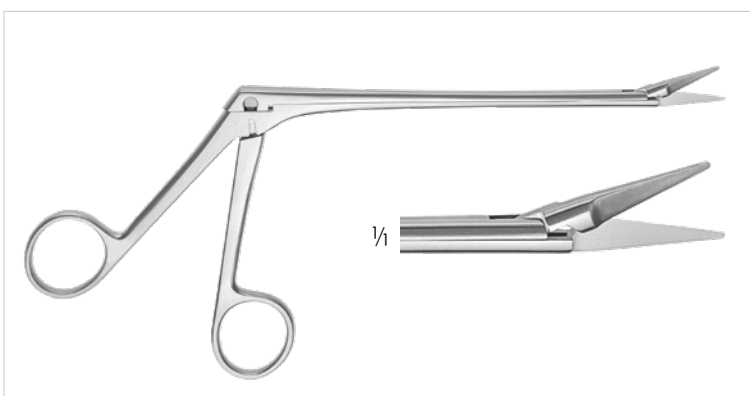
120-283-180 HEYMANN-KNIGHT

Nasenschere, 180 mm
Nasal scissors, 7 inch



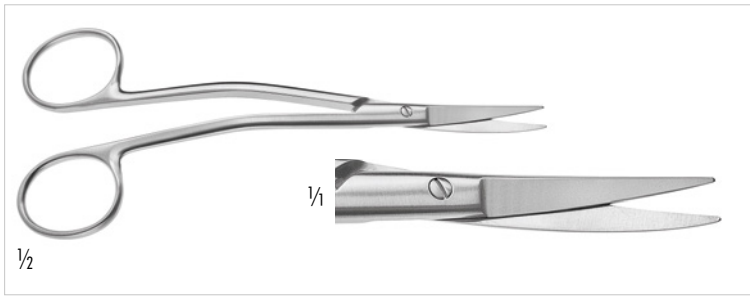
120-285-175 KIRSTEIN

Nasenschere, gezahnt, 180 mm
Nasal scissors, serrated, 7 inch



120-208-230 OLIVECRONA

Nasenschere, 230 mm
Nasal scissors, 9 inch



120-306-140

JOSEPH

Nasenschere, doppelt gebogen, stumpf, 140 mm
Nasal scissors, double curved, blunt, 5 1/2 inch

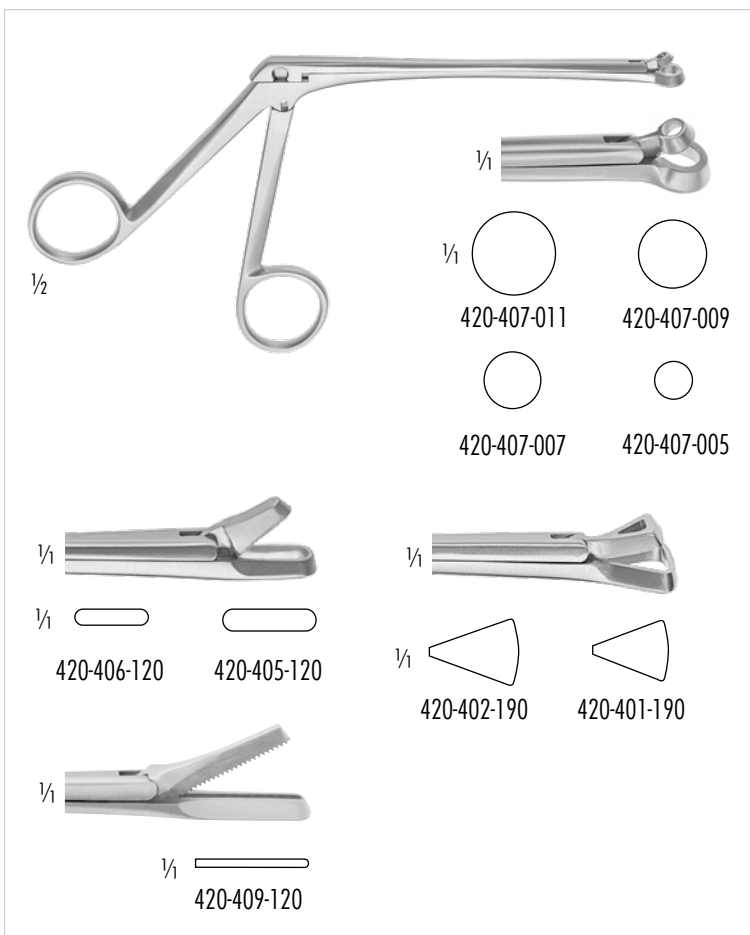


420-408-003 3 mm

420-408-004 4 mm

KRESSNER

Muschelquetschzangen, 220 mm
Crushing forceps, 8 3/4 inch



420-407-005 5mm

420-407-007 7mm

420-407-009 9mm

420-407-011 11mm

HARTMANN

Conchotom, durchschneidend, 120 mm
Nasal cutting forceps, through cutting, 4 1/2 inch

420-405-120 3,5 x 11mm

420-406-120 2,0 x 9,5mm

GRUENWALD-HENKE

Conchotom, durchschneidend
Nasal cutting forceps, through cutting

420-401-190 Fig. 1

420-402-190 Fig. 2

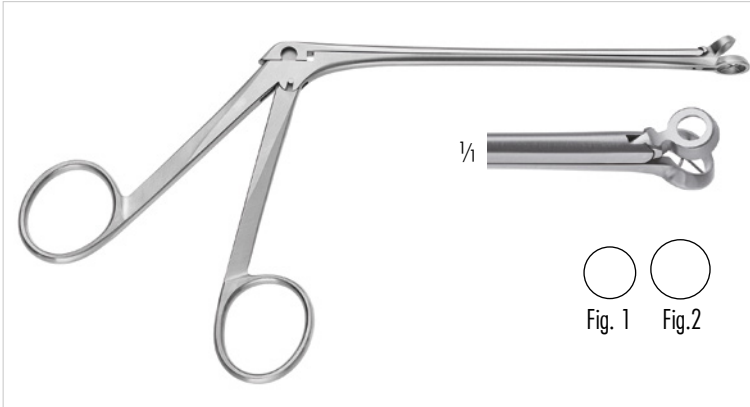
SCHMEDEN

Conchotom, durchschneidend
Nasal cutting forceps, through cutting

420-409-120

STRUYCKEN

Conchotom, durchschneidend
Nasal cutting forceps, through cutting



420-401-001 7 mm, Fig.1
420-401-002 8 mm, Fig.2

MELZER

Adenoidzange, durchschneidend, rund, mit Gitter, 140 mm

Adenoid Forceps, through cutting, round, with basket, 140 mm

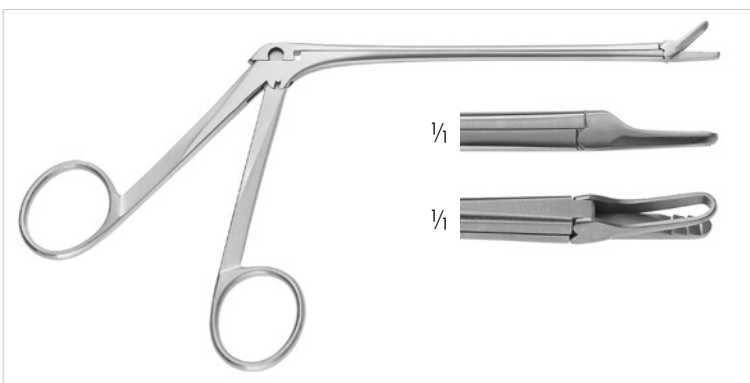


420-421-001 3 mm Schnitt/3 mm bite Fig.1
420-421-002 3,5 mm Schnitt/3.5 mm bite Fig.2
420-421-003 4 mm Schnitt/4 mm bite Fig.3

GRUENWALD

Nasenzange, durchschneidend, ovaler Schnitt, Arbeitslänge: 115 mm

Nasal Forceps, through cutting, oval bite, Working length: 4 1/2 inch

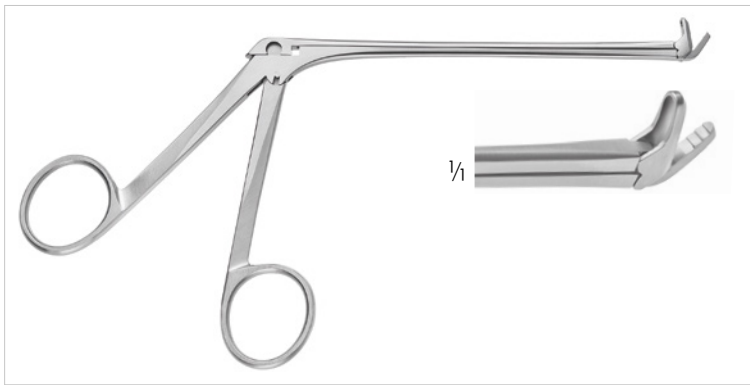


420-410-140

MYLES

Conchotom, durchschneidend, 2,5 x 11,5 mm flaches, gezahntes Maul, Arbeitslänge: 140 mm

Nasal Punch, through cutting, 2.5 x 11.5 mm flat, serrated jaw, Working length: 5 1/2 inch

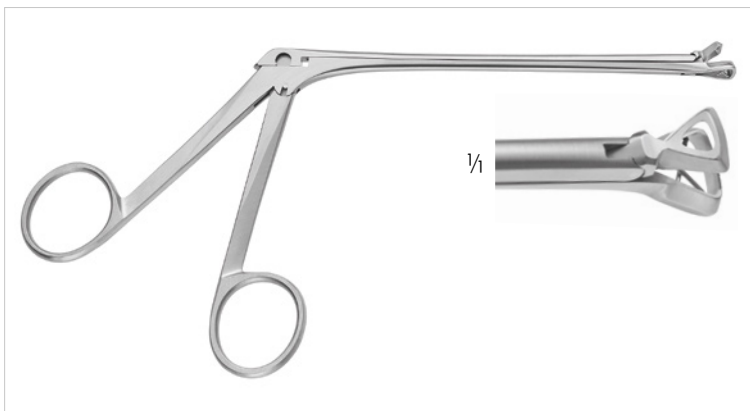


420-413-140

MYLES

Conchotom, durchschneidend, gezahnt, 30° aufgebogen,
Arbeitslänge: 140 mm

Nasal Punch, through cutting, serrated, 30° upcurved shaft,
Working length: 5 1/2 inch



420-401-100 6 mm, Fig.0

420-401-101 7 mm, Fig.1

420-401-102 8 mm, Fig.2

420-401-103 10 mm, Fig.3

MELZER

Adenoidzange, durchschneidend, dreieckig, mit Gitter,
Arbeitslänge: 140 mm

Adenoid Forceps, through cutting, triangular, with basket,
Working length: 5 1/2 inch



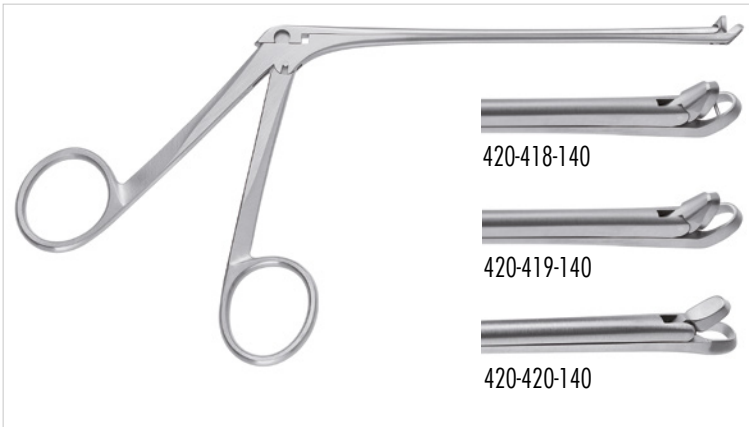
420-414-120 gerade/straight

420-415-120 links gebogen/left curved

420-416-120 rechts gebogen/right curved

Nasenschere, 120 mm

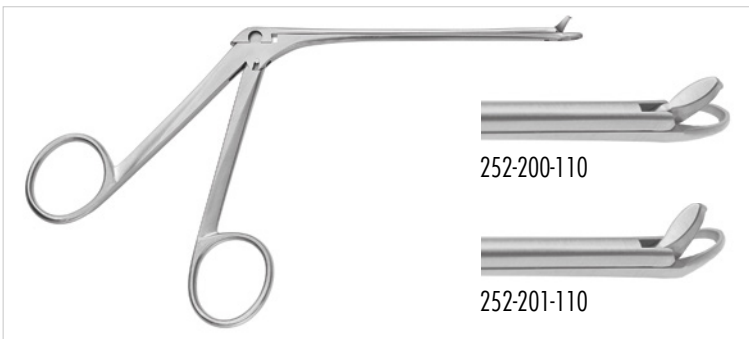
Nasal scissors, 4 3/4 inch



- 420-418-140 Mit Gitter, aufgebogen/
with basket, curved up
420-419-140 Ohne Gitter, aufgebogen/
without basket, curved up
420-420-140 Ohne Gitter, gerade/
without basket, straight

WATSON-WILLIAMS

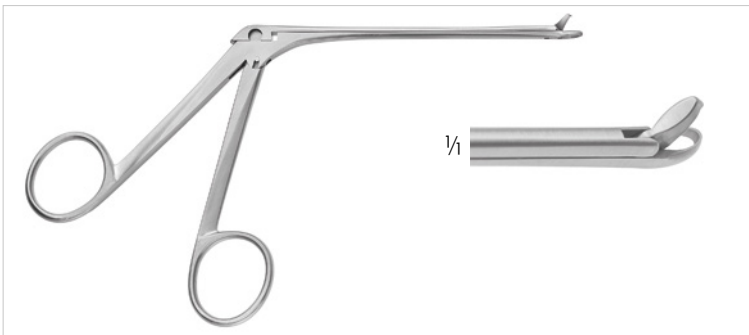
Nasenzange, durchschneidend, 3 mm Schnitt,
Arbeitslänge: 140 mm
Nasal Forceps, through cutting, 3 mm bite,
Working length: 5 ½ inch



- 252-200-110 2 mm Schnitt, gerade/bite, straight
252-200-111 2,5 mm Schnitt, gerade/bite, straight
252-200-112 3 mm Schnitt, gerade/bite, straight
252-201-110 2 mm Schnitt, aufgebogen/bite, upcurved
252-201-111 2,5 mm Schnitt, aufgebogen/bite, upcurved
252-201-112 3 mm Schnitt, aufgebogen/bite, upcurved

BLAKESLEY

Nasenzange, durchschneidend, 115 mm
Nasal Forceps, through cutting, 4 ½ inch



- 252-202-111 Fig.1 links gebogen/left curved jaw
252-203-111 Fig.2 rechts gebogen/right curved jaw

BLAKESLEY

Nasenzange, durchschneidend, 2,5mm Schnitt, 115mm
Nasal Forceps, though cutting, 2.5mm cut, 4 ½ inch



- 252-477-141 rückwärts öffnend/backward cutting
252-477-142 links öffnend/left side cutting
252-477-143 rechts öffnend/right side cutting

NICOLAI

Stirnhöhlenzange 2mm Schnitt, 65° aufgebogen
Antrum Forceps, 2mm bite, 65° angled upwards



252-526-115 **NOYES** gefenstert/fenestrated
1x2 Zähne/teeth

252-527-115 **NOYES** gefenstert/fenestrated

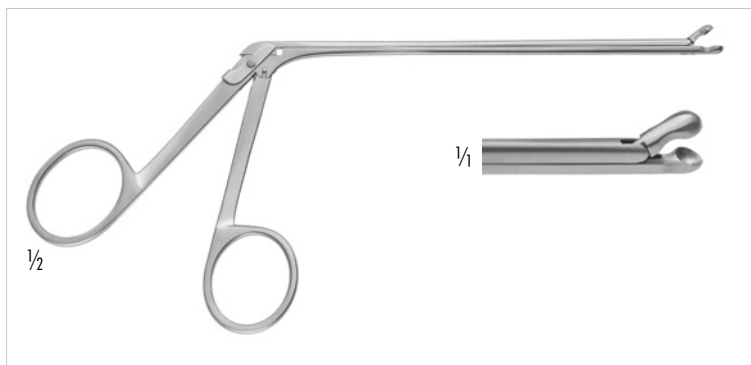
252-528-115 **MORGENSTEIN**

252-529-115 **BLAKESLEY**

252-530-115 **FERRIS-SMITH**

Nasenzange mit Querzähnen, Arbeitslänge: 115 mm

Nasal Forceps with serrated jaws, Working length: 4 1/2 inch



420-223-170

HILDYARD

Löffelzängchen, 3,5 mm Löffel, 120 mm Schaftlänge,
Arbeitslänge: 120 mm

Post-Nasal Biopsy Forceps, 3.5 mm biopsy cup, shaft

Working length: 4 3/4 inch



252-539-115

LEWIS

Nasenzange seitlich links öffnend, Arbeitslänge: 115mm

Nasal Forceps, round grooved jaws, opening to left side,

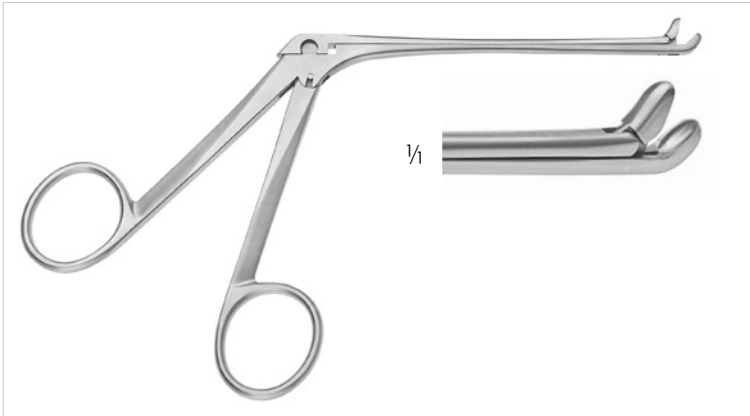
Working length: 4 1/2 inch

252-425-115

BEAD

Bead Nasenzange mit Löffel, aufgebogen, kleines Modell , Arbeitslänge:
115mm

Nasal Forceps with cup jaws, upturned, small model, Working length:
4 ½ inch



252-000-120 Fig.0 3,0 mm

252-001-120 Fig.1 3,6 mm

252-002-120 Fig.2 4,2 mm

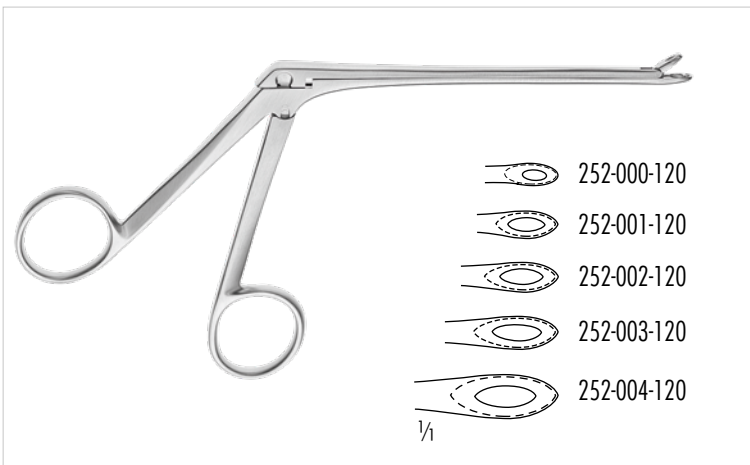
252-003-120 Fig.3 4,8 mm

252-004-120 Fig.4 5,6 mm

WEIL-BLAKESLEY

Siebbeinzangen, gerade, ovaler Löffel, gefenestertes Maul, 120 mm

Ethmoidal forceps, straight, oval, cup-shaped fenestrated jaws, 4 ¾ inch



252-000-121 Fig.0 3,0 mm

252-001-121 Fig.1 3,6 mm

252-002-121 Fig.2 4,2 mm

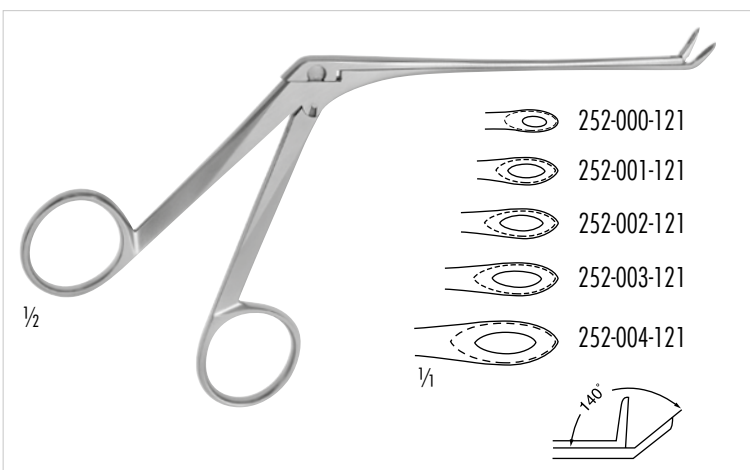
252-003-121 Fig.3 4,8 mm

252-004-121 Fig.4 5,6 mm

WEIL-BLAKESLEY

Siebbeinzangen, aufgebogen, ovaler Löffel, gefenestertes Maul, 110 mm

Ethmoidal forceps, upwards curved, oval cup, fenestrated jaws, 4 ½ inch



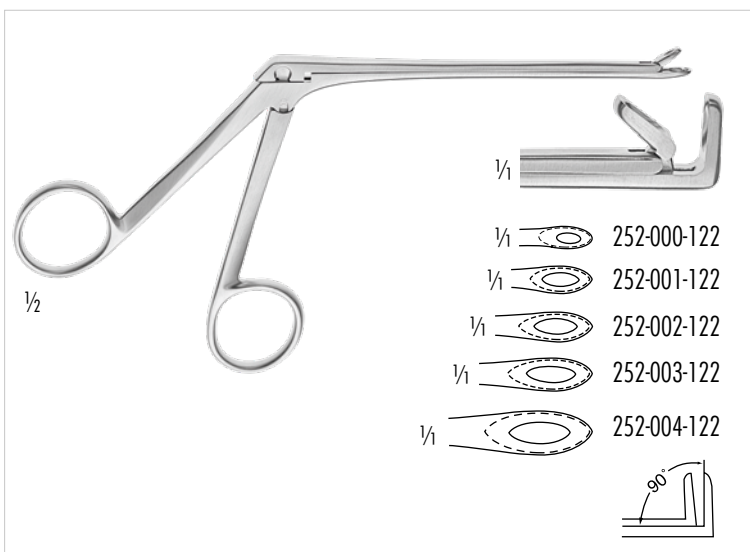


252-000-111

STRUEMPPEL-VOSS

Siebbeinzange 45° aufgebogen, besonders fein, 2,5mm
110 mm Schaft

Ethmoidal forceps, 45° upwards curved, oval, very delicate, 2.5mm
110 mm shaft



252-000-122 Fig.0 3,0 mm

252-001-122 Fig.1 3,6 mm

252-002-122 Fig.2 4,2 mm

252-003-122 Fig.3 4,8 mm

252-004-122 Fig.4 5,6 mm

WEIL-BLAKESLEY

Siebbeinzange, 90° aufgewinkelt, 110 mm
Ethmoidal forceps, 90° angled up, 4 1/2 inch



0°

252-035-150 Größe/Size 1: 3,5mm

252-040-150 Größe/Size 2: 4,0mm

252-050-150 Größe/Size 3: 5,0mm

45°

252-035-151 Größe/Size 1: 3,5mm

252-040-151 Größe/Size 2: 4,0mm

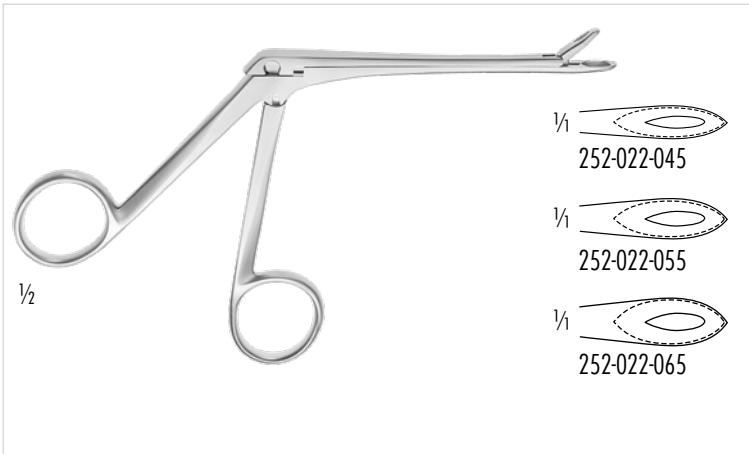
90°

252-035-152 Größe/Size 1: 3,5mm

252-040-152 Größe/Size 2: 4,0mm

BLAKESLEY

Nasenzange, Arbeitslänge: 150mm Arbeitslänge:
Nasal Forceps, working length: 6 inch



252-022-045 4,5 mm
252-022-055 5,5 mm
252-022-065 6,5 mm

TILLEY HENCKEL

Siebbeinzange, gerade, Schaft graduert, 115 mm
Ethmoidal forceps, straight, shaft graduated, 4 1/2 inch



252-410-130 2 mm, gerade/straight
252-410-131 3 mm, gerade/straight
252-413-131 3 mm, aufgebogen/curved up

TAKAHASHI

Siebbeinzange, oval, Löffelmaul, 120 mm
Ethmoidal forceps, oval, cup-shaped, 4 3/4 inch



252-534-100

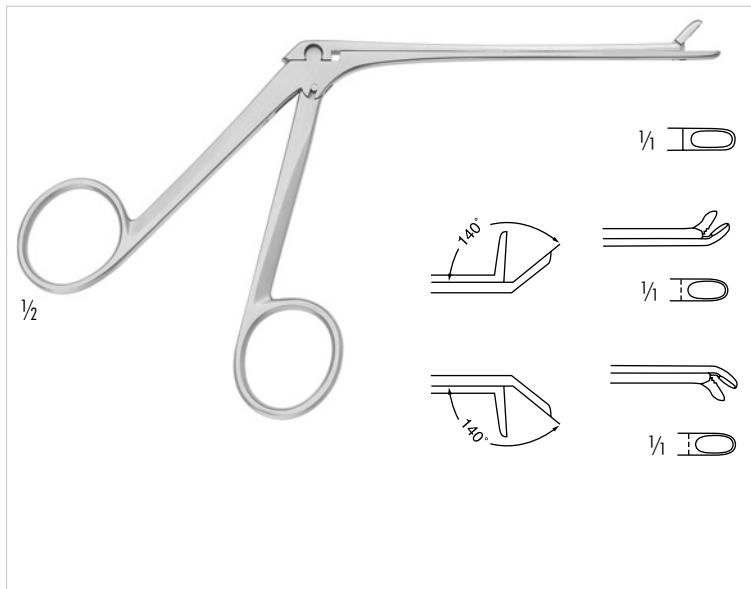
Siebbeinzange, gerade, 140 mm
Ethmoidal forceps, straight, 5 1/2 inch



252-530-120

WATSON-WILLIAMS

Schleimhaut Faßzange, gezahnt, gerade, 120 mm
Ethmoidal mucosa forceps, serrated jaws, straight, 4 3/4 inch

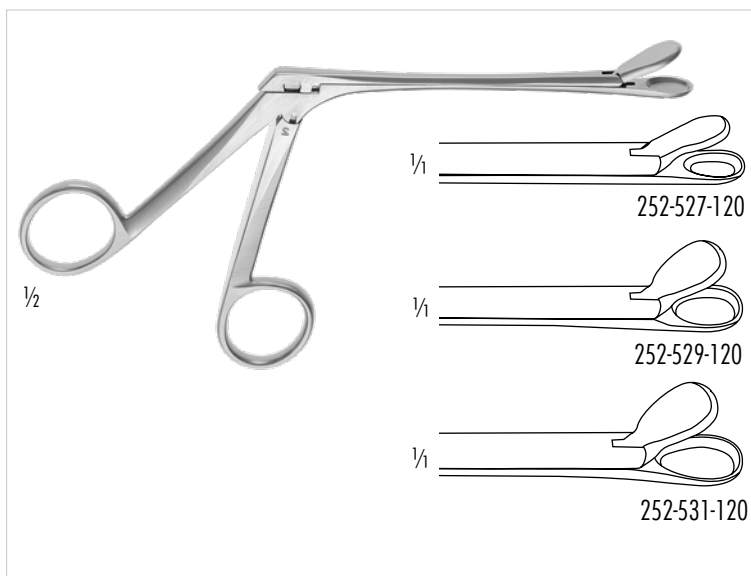


- 252-536-115 gerade/straight
 252-537-115 aufgebogen/curved up
 252-538-115 abgebogen/curved down

ST BARTS

Rongeur, 3 mm, 110 mm

Rongeur, 3 mm, 4 1/3 inch



252-527-120 Fig.0

252-529-120 Fig.1

252-531-120 Fig.2

WATSON-WILLIAMS

Siebbeinzange, 115 mm

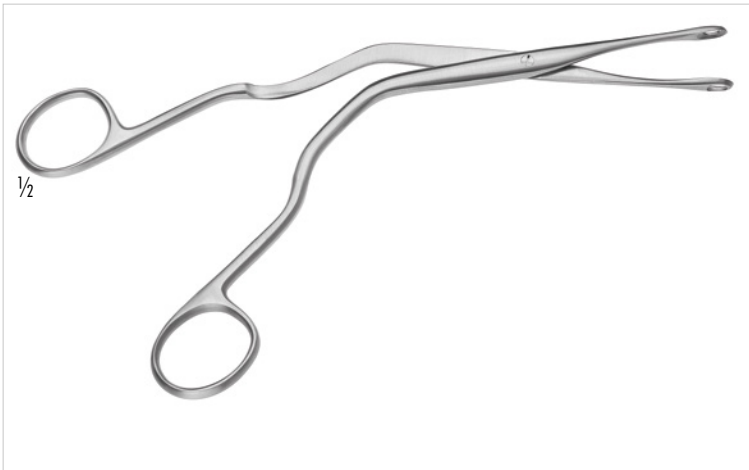
Ethmoidal forceps, 4 1/2 inch



252-426-100 Ø 3.5 mm

Nasenzange mit rundem Löffel, 115 mm

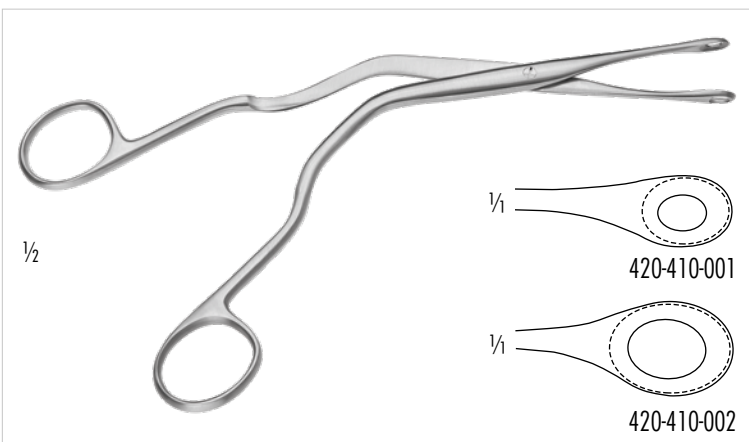
Sinus Cup Forceps, 4 1/2 inch



420-400-001 6,0 mm
420-400-002 7,5 mm
420-400-003 9,0 mm

LUC

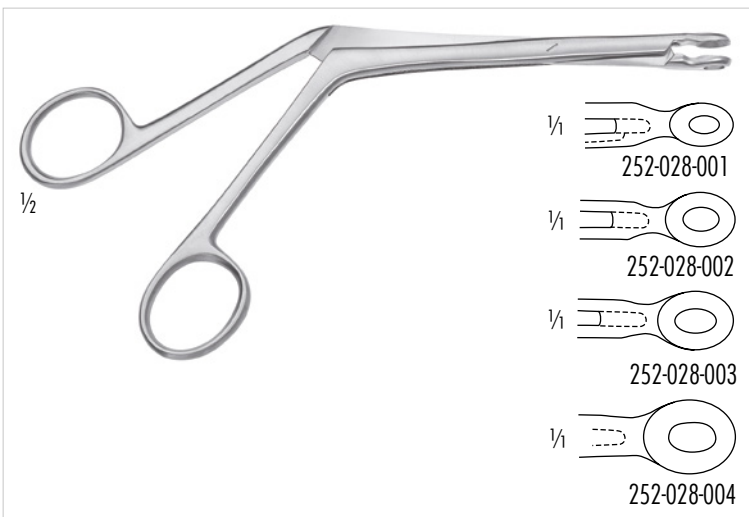
Septumzange, gefenstert, 190 mm
Septum forceps with fenestrated jaws, 7 1/2 inch



420-410-001 Fig. 1
420-410-002 Fig. 2

LUC

Septumzange, gefenstert, 200 mm
Septum forceps with fenestrated jaws, 8 inch



252-028-001 Größe/Size 1
252-028-002 Größe/Size 2
252-028-003 Größe/Size 3
252-028-004 Größe/Size 4

BRUENINGS

Septumzange, gefenstert, 190 mm
Septum forceps, fenestrated jaws, 7 1/2 inch



252-029-000 6mm

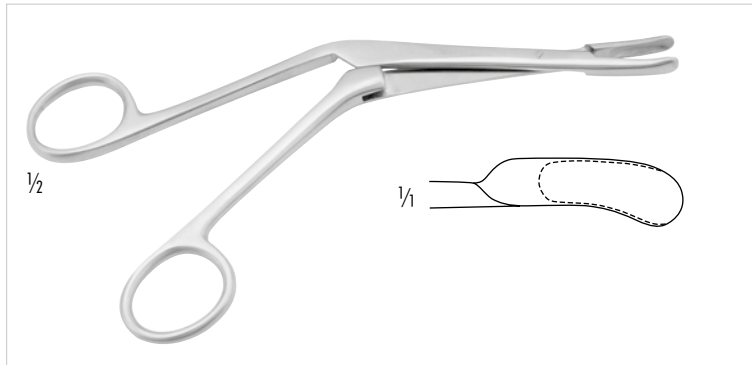
CRAIG

Vormerzange, gerade, scharfer Löffel oval, 165 mm
Septum bone cutting and breaking forceps straight, sharp cup, 6 1/2 inch

252-029-165 6mm

CRAIG

Vormerzange mit eckigen Schneidkanten, 165 mm
Septum bone cutting and breaking forceps straight, sharp cup, 6 1/2 inch

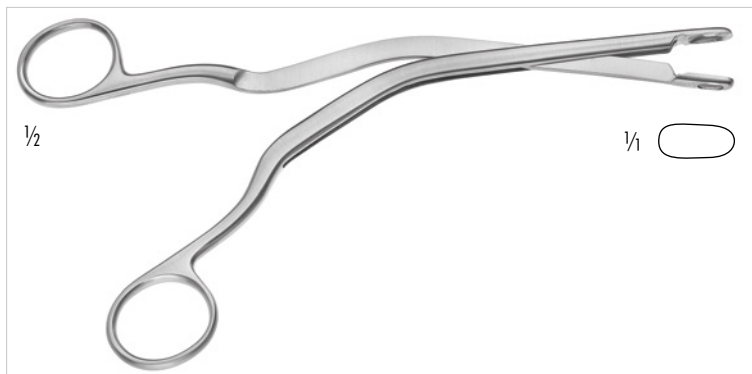


252-029-500

CRAIG-DOMNICK

Vormerzange, linksgebogen, scharfe Löffel, 165 mm

Septum bone cutting and breaking forceps, curved to the left, sharp cup, 6 1/2 inch



420-412-190

IRWIN MOORE

Septumzange, 190 mm

Septum forceps, 7 1/2 inch



420-422-190

HEYMANN-KNIGHT

Septumzange, scharfer ovaler Löffel, 190 mm

Septum forceps, with sharp oval cup, 7 1/2 inch



420-214-180

KNIGHT

Nasenzange, scharf, 180 mm

Nasal forceps, sharp, 7 inch



252-031-190 4x14 mm großes Modell / large pattern

252-033-190 3x13 mm kleines Modell / small pattern

JANSEN-MIDDLETON

Nasenzange, durchschneidend, 210 mm

Nasal forceps, through cutting, 8 1/4 inch



252-032-190 4x11 mm

JANSEN-MIDDLETON

Nasenzange, Löffelmaul, 170 mm

Nasal forceps, cup-shaped, 6 3/4 inch



420-213-180

BECKER

Septumschere mit Doppelgelenk, gezahnt, 180 mm

Septum scissors, double action, with serrated jaws, 7 inch

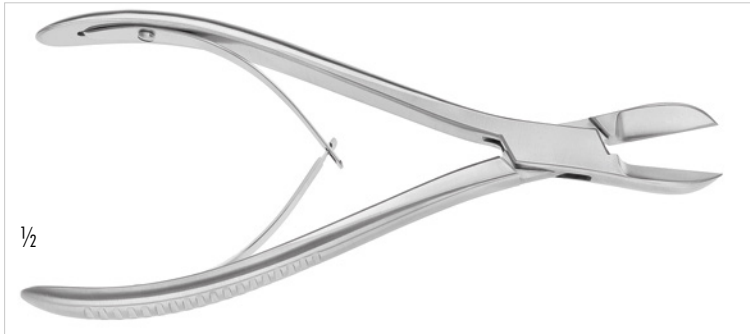


120-286-220 gerade Schneide/straight cutting edge

CAPLAN

Nasenschere, 220 mm

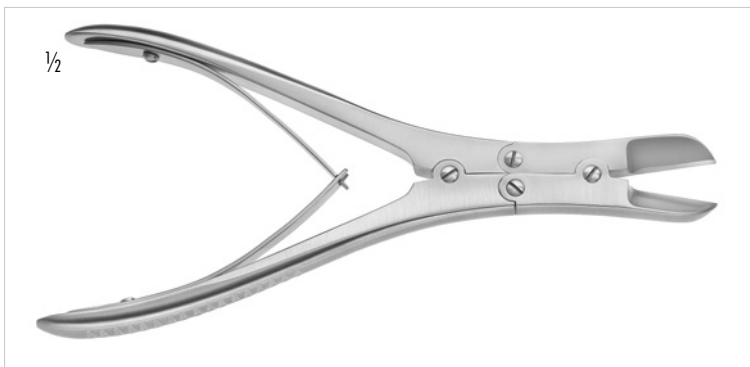
Nasal scissors, 8 1/2 inch



210-845-185

COTTLE-KAZANJIAN

Knochensplitterzange, zum Entfernen eines Nasenhöckers, 180 mm
Bone cutting forceps, for removal of nasal hump, 7 inch



210-855-180

RUSKIN-ROWLAND

Nasenzange mit Doppelgelenk, gerade, 180 mm
Nasal hump rongeur, double action, straight, 7 inch



420-370-210

RUBIN

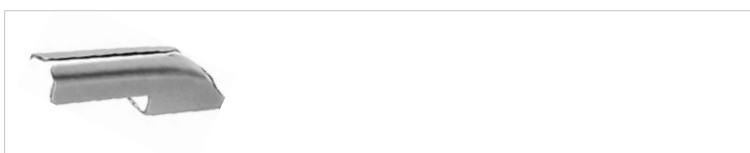
Knorpelquetschzange mit Doppelgelenk, gerade, 205 mm
Septum morcelizer, double action, straight, 8 1/8 inch



420-371-210

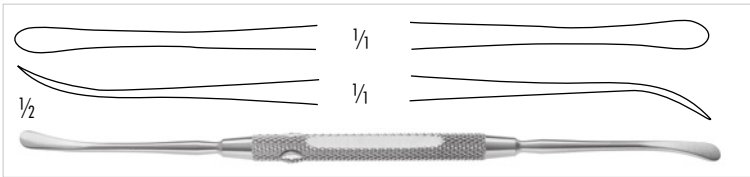
RUBIN

Knorpelquetschzange mit Doppelgelenk, abgewinkelt, 190 mm
Septum morcelizer, double action, angled, 7 1/2 inch



420-370-212

Schutzkappe für RUBIN Quetschzange 420-370-210 + 420-371-210
Protection cap for RUBIN septum morcelizer
420-370-210 + 420-371-210

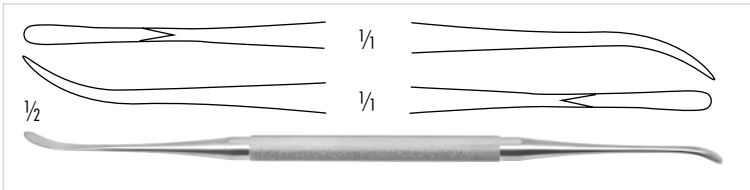


420-546-180 5 mm

FREER

Elevatorium, scharf/stumpf, 185 mm

Elevator, sharp /blunt, 7 1/4 inch



420-548-180

FREER-YASARGIL

Dissektor, scharf, 190 mm

Dissector, sharp, 7 1/2 inch



210-528-240

COHEN

Elevator, doppelendig, 240mm

Elevator, double-ended, 9 1/2 inch

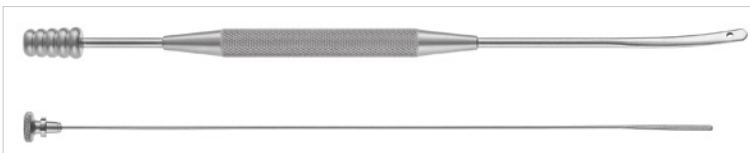


420-556-200

WOODSON

Elevator, 2,4 / 4,0mm Blatt, 200mm

Elevator, 2.4 / 4.0mm blade, 8 inch



420-395-205 6 mm

NEGUS

Saugdissektor, stumpf 210 mm

Suction dissector, blunt, 8 1/4 inch

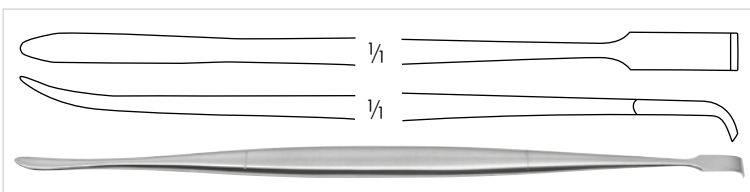


420-253-185 3 mm

GORNEY

Saugraspatorium, halb-scharf 180 mm

Suction raspatorium, semi-sharp 7 inch

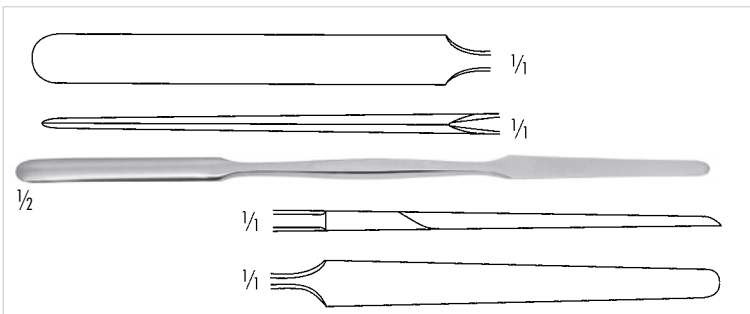


420-552-215

HOWARTH

Doppel-Elevatorium, 215 mm

Elevator, double-ended, 8 1/4 inch

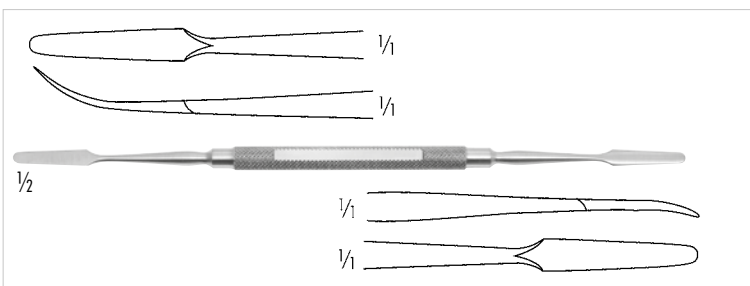


420-541-180

KILLIAN

Doppel-Elevatorium, scharf/stumpf, 185 mm

Elevator, double-ended, sharp/blunt, 7 1/4 inch



420-540-180

KILLIAN

Doppel-Elevatorium, scharf/stumpf, 180 mm

Elevator, double-ended, sharp/blunt, 7 inch



252-002-180

KILLIAN

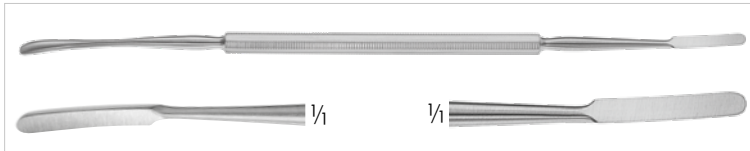
Doppel-Elevatorium, schiffenförmig, scharf/stumpf, 180 mm
Septum double-ended elevator, shuffle-shaped, sharp/blunt, 7 inch



252-001-200

FREER

Doppel-Elevatorium, halbscharf/stumpf, 200 mm
Septum double-ended elevator, semi-sharp/blunt, 8 inch



420-555-200

FREER-JOSEPH

Doppel-Elevatorium, 200 mm
Septum double-ended elevator, 8 inch



420-551-200

MASIG

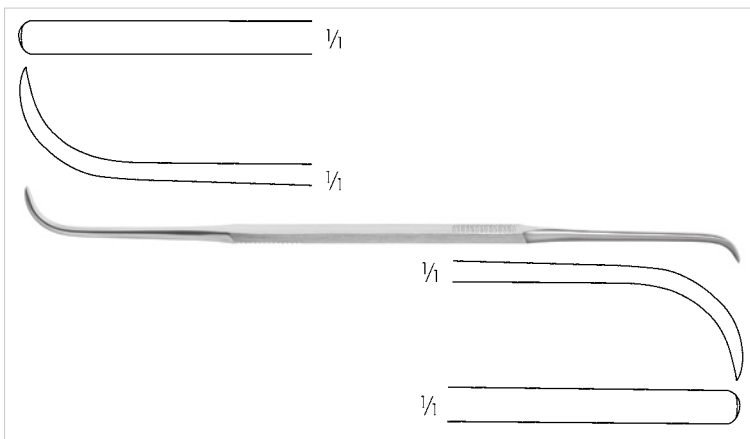
Elevatorium, doppelendig, graduert, scharf/stumpf, 200 mm
Elevator, double-ended, graduated, sharp/blunt, 8 inch



420-550-230

COTTLE

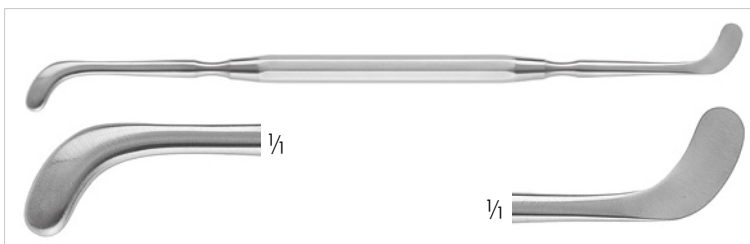
Doppel-Elevatorium, graduert, scharf/stumpf, 210 mm
Elevator, double-ended, graduated, sharp/blunt, 8 1/4 inch



420-552-200

COTTLE

Doppel-Elevatorium, zum Tunnelieren, 220 mm
Elevator, double-ended, for tunneling, 9 inch



420-543-210

PENNINGTON

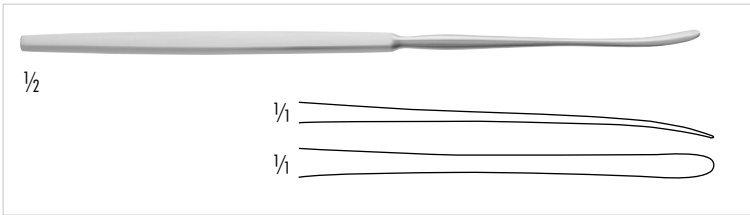
Elevatorium, 210 mm
Elevator, 8 1/4 inch



420-551-175

FREER

Raspatorium, doppelendig, scharf, 175 mm
Periosteal elevator, double-ended, sharp, 7 inch

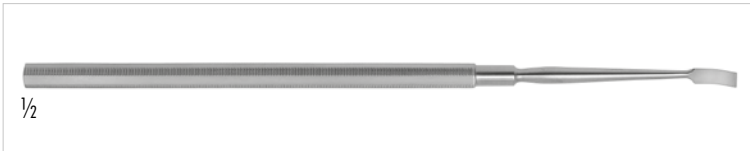


420-544-165 4,0 mm

HALLE

Elevatorium, stumpf, 180 mm

Elevator, blunt, 7 inch

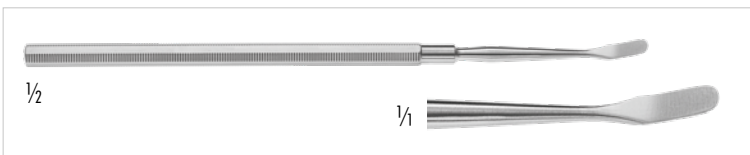


420-551-180 4 mm

FREER

Raspatorium, 160 mm

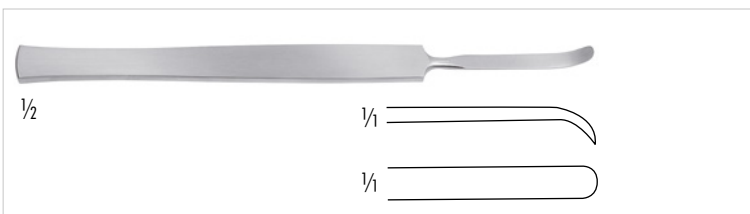
Periosteal elevator, 6 1/2 inch



420-557-165 4,0 mm

Raspatorium, abgewinkelte Spitze, 165 mm

Periosteal elevator, angled tip, 6 1/2 inch



420-547-004 4 mm

420-547-005 5 mm

MC KENTY

Septum Elevatorium, gebogen, scharf, 155 mm

Septum periosteal elevator, curved, sharp, 6 inch

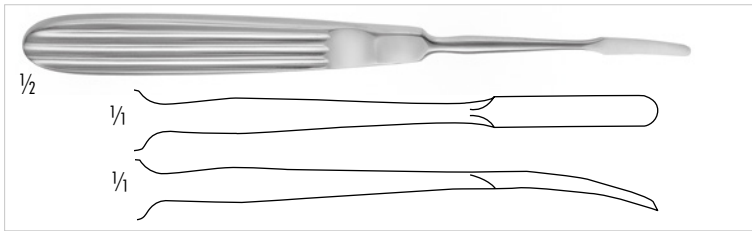


420-547-006

ERLANGEN

Raspatorium, 6mm breit, leicht gebogen, 175 mm

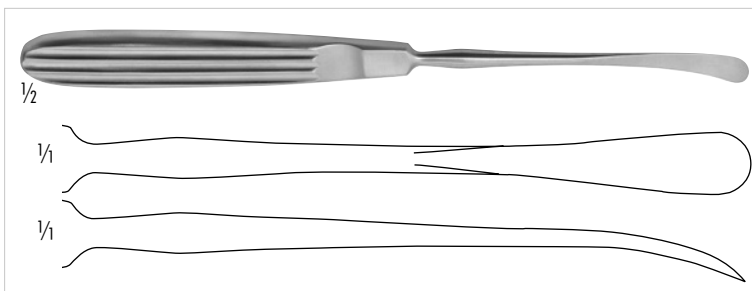
Raspatory, 6mm wide, slightly curved, 7 inch



420-530-165 2 mm
 420-531-165 3 mm
 420-532-165 4 mm
 420-533-165 5 mm

JOSEPH

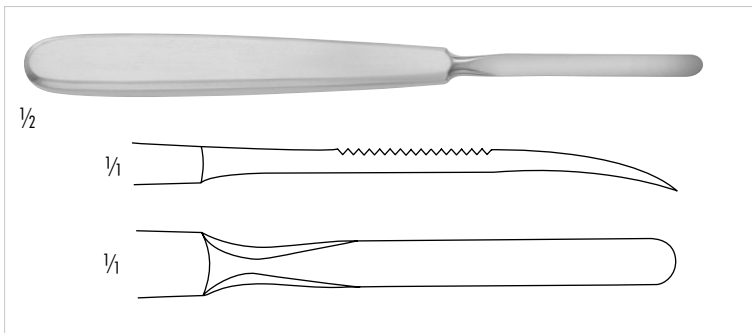
Periost-Raspatorium, leicht gebogen, 170 mm
 Periosteal elevator, slightly curved, 6 3/4 inch



210-438-195 8 mm

COTTLE

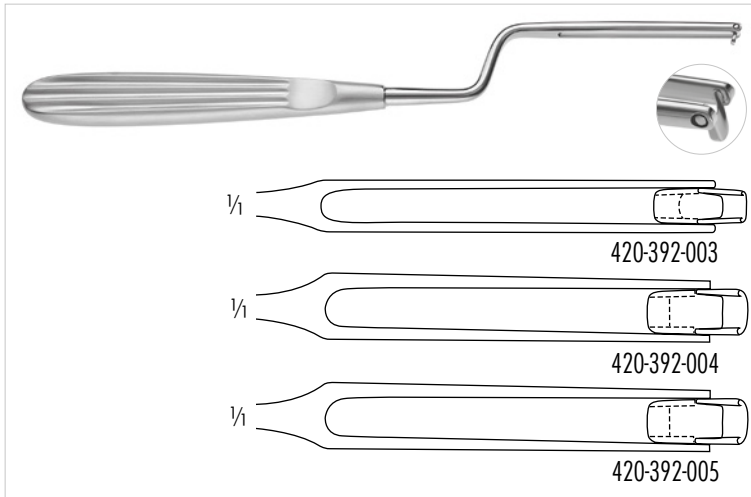
Elevatorium, gebogen, scharf, 190 mm
 Elevator, curved, sharp, 7 1/2 inch



210-439-006 6 mm

210-439-008 8 mm

Periost-Raspatorium, leicht gebogen, 170 mm
 Periosteal elevator, slightly curved, 6 3/4 inch



420-392-003 3 mm
420-392-004 4 mm
420-392-005 5 mm

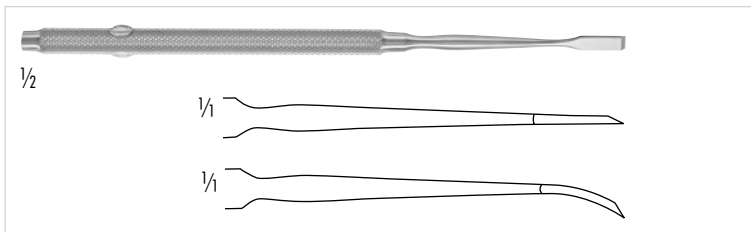
BALLENGER

Schwingmesser, bajonettförmig, 210 mm
Swivel knife, bayonet shaped, 8 1/4 inch

420-393-003 3 mm
420-393-004 4 mm
420-393-005 5 mm

BALLENGER

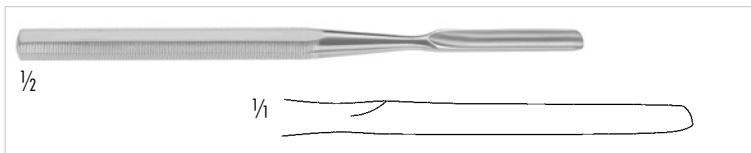
Schwingmesser, gerade, 195 mm
Swivel knife, straight, 8 inch



420-590-004 4 mm, gerade/straight
420-591-004 4 mm, gebogen/curved

FREER

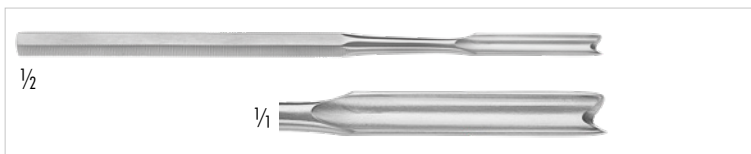
Septum Flachmeissel, 160 mm
Septum chisel, 6 1/4 inch



420-550-170 6 mm

FREER

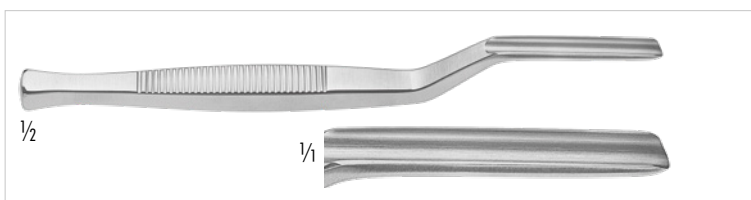
Septum-Hohlmeissel, mit runder Schneide, gerade, 150 mm
Septum gouge, straight, round cutting edge, 6 inch



420-595-170 6 mm

BALLENGER

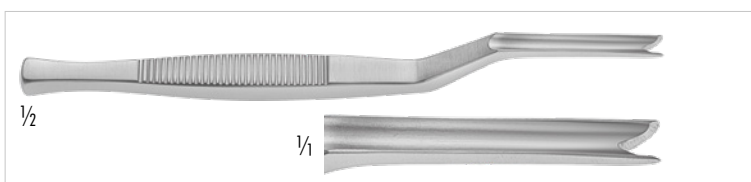
Septum-Hohlmeissel mit Kerbe, gerade, 155 mm
Septum gouge, with notch and cutting edge, 6 inch



420-552-170 6 mm

KILLIAN

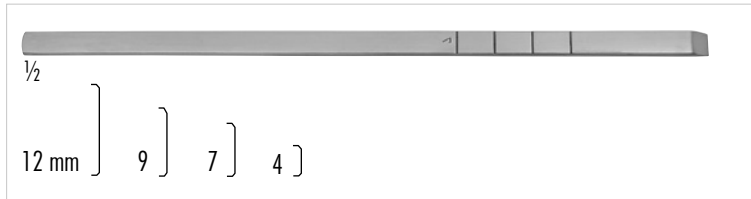
Septum-Hohlmeissel mit runder Schneide, bajonettförmig gebogen, 170 mm
Septum gouge, round cutting edge, bayonet shaped, 6 3/4 inch



420-551-170 6 mm

KILLIAN-CLAUS

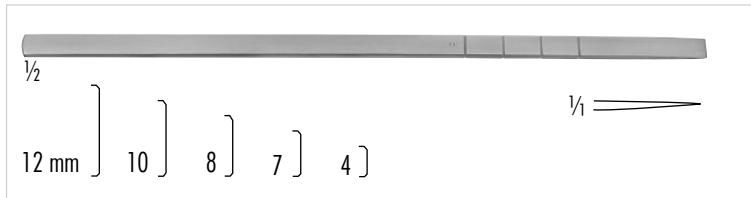
Septum-Hohlmeissel mit Kerbe, bajonettförmig gebogen, 170 mm
Septum gouge with notch, bayonet shaped, 6 3/4 inch



- 210-488-004 4 mm
 210-488-007 7 mm
 210-488-009 9 mm
 210-488-012 12 mm

COTTLE

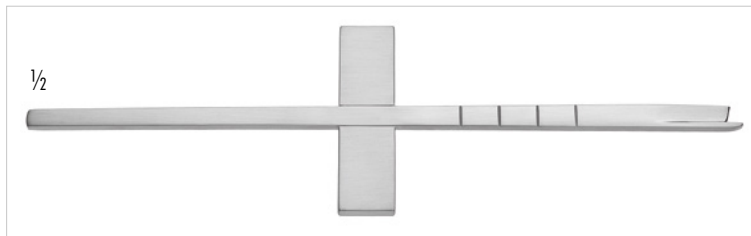
Flachmeissel, graduert, 185 mm
 Chisel, graduated, 7 1/4 inch



- 210-487-004 4 mm
 210-487-007 7 mm
 210-487-008 8 mm
 210-487-010 10 mm
 210-487-012 12 mm

COTTLE

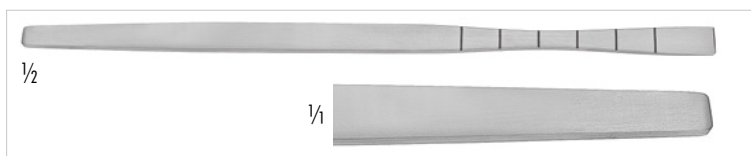
Osteotom, graduert, 180 mm
 Osteotome, graduated, 7 inch



- 210-472-105 5mm

COTTLE

Osteotom mit Schutz und Crossbar, 185mm
 Osteotome with guard and crossbar, 7 1/4 inch



- 210-486-008 8 mm

COTTLE

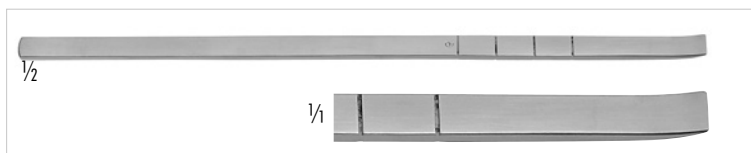
Fischschwanz Osteotom, verrundete Ecken 180 mm
 Fishtail osteotome, with protected ends, double guarded 7 inch



- 210-486-016

COTTLE

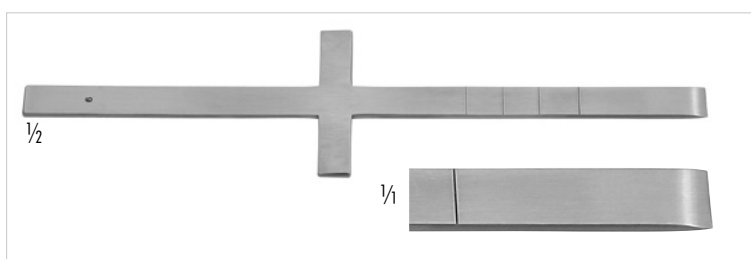
Fischschwanz Osteotom, mit Querbalken, 16mm,
 runde Schneidkanten, 180mm
 Fishtail osteotome, with crossbar, 16mm
 with round cutting end, 7 inch



- 210-486-006 6 mm

COTTLE

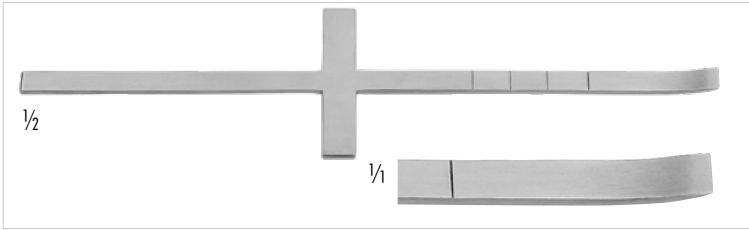
Flachmeissel, gebogen, graduert, für transversale Osteotomie, 180 mm
 Chisel, curved, graduated, for transverse osteotomies, 7 inch



- 210-472-006 6 mm

COTTLE

Osteotom, gerade, 185 mm
 Osteotome, straight, 7 1/4 inch

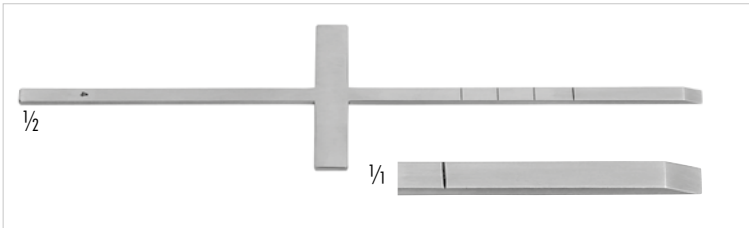


210-473-006 6 mm

COTTLE

Osteotom, gebogen, 185 mm

Osteotome, curved, 7 1/4 inch



210-474-006

COTTLE

Meißel, gerade, 6 mm, 185 mm

Chisel, straight, 6 mm, 7 1/4 inch



420-587-008 8 mm

420-587-010 10 mm

420-587-012 12 mm

420-587-014 14 mm

420-587-016 16 mm

RUBIN

Osteotom, 167 mm

Osteotome, 6 2/3 inch



420-589-008 8 mm

420-589-010 10 mm

420-589-012 12 mm

420-589-014 14 mm

420-589-016 16 mm

CINELLI

Osteotom, mit doppelter Führung, gerade, 160 mm

Osteotome, double guarded, straight, 6 1/4 inch



420-587-177 6,5 mm

PARKES

Höcker Hohlmeißel, 180 mm

Hump gouge, 7 inch



420-459-001 gerade/straight

420-459-002 rechts gebogen/curved right

420-459-003 links gebogen/curved left

SILVER

Nasenmeißel, 180mm

Nasal Chisel, 7 inch



1/2

- 420-460-001 gerade/straight
420-460-002 links/left
420-460-003 rechts/right

SILVER

Osteotom, schmales Modell, 185 mm

Osteotome, slender model, 7 1/4 inch



1/2

- 420-639-001 gerade/straight
420-639-002 rechts gebogen/curved right
420-639-003 links gebogen/curved left

ANDERSON-NEIVERT

Osteotom, 205 mm, 3,5 mm

Osteotome, 8 inch, 3.5 mm



- 420-641-001 gerade/straight
420-641-002 rechts/right
420-641-003 links/left

GUNTER

Osteotom, 205 mm

Osteotome, 8 inch



1/2

- 420-472-002 links/left
420-472-003 rechts/right

GUASTELLA

Osteotom, 180 mm

Osteotome, 7 inch



1/2

420-460-005

SILVER

Osteotom mit V-Spitze, gebogen, 175 mm

Osteotome with V-tip, curved, 6 3/4 inch



1/2

- 420-491-001 links gebogen/curved left
420-491-002 rechts gebogen/curved right
420-491-000 gerade/straight

FRENCHAY

Nasenmeißel, mit Führung, 180 mm

Nasal Chisel, with guard, 7 inch



1/2

- | | | | |
|-------------|-----|-------------|-----|
| 420-586-004 | 4mm | 420-586-006 | 6mm |
| 420-586-005 | 5mm | 420-586-007 | 7mm |

FOMON

Meißel, 170 mm

Chisel, 6 3/4 inch



1/2

420-458-160

PARKES

Osteotom, mit einseitigem Schutz, 160 mm

Osteotome with single guard, 6 1/3 inch

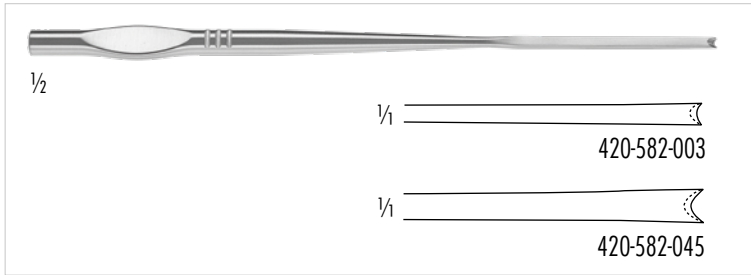


- 420-470-001 gerade/straight
420-470-002 rechts gebogen/curved right
420-470-003 links gebogen/curved left

RISTOW

Osteotom, 200 mm

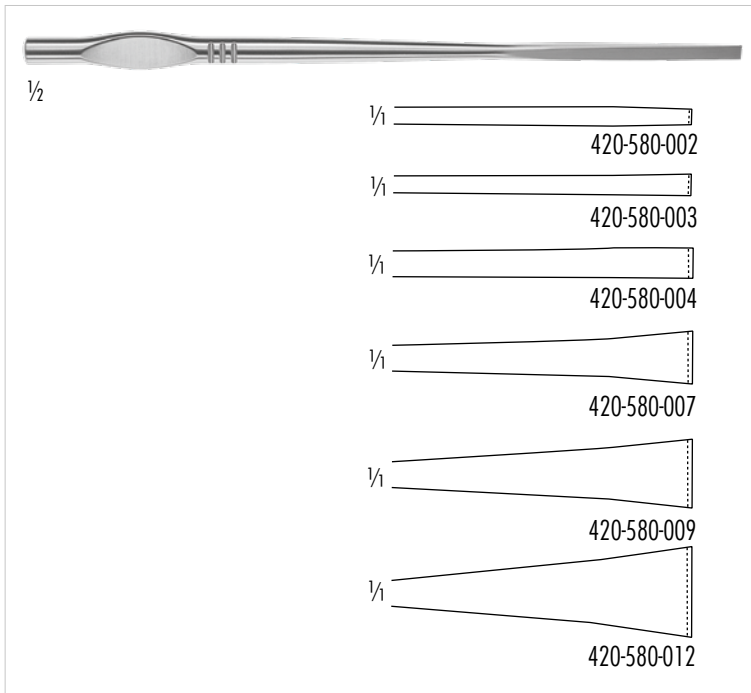
Osteotome, 8 inch



420-582-003 3,0 mm
420-582-045 4,5 mm

WALTER

Flachmeissel mit Hohlkehle, Spitzen verrundet, 190 mm
Chisel with notch, double guarded, 7 1/2 inch



420-580-002 2,0 mm
420-580-003 3,0 mm
420-580-004 4,0 mm
420-580-007 7,0 mm
420-580-009 9,0 mm
420-580-012 12,0 mm

WALTER

Osteotom, 190 mm
Osteotome, 7 1/2 inch



420-568-002 2 mm
420-568-003 3 mm
420-568-004 4 mm
420-568-005 5 mm
420-568-006 6 mm
420-568-008 8 mm
420-568-010 10 mm

RZ-OSTEOTOME

Osteotom, 180 mm
Osteotome, 7 inch



420-572-002 2 mm
420-572-003 3 mm
420-572-004 4 mm
420-572-005 5 mm
420-572-010 10 mm
420-572-011 11 mm
420-572-012 12 mm

CONVERSE

Osteotom mit Stabilisierung, 180 mm
Osteotome with stabilizer, 7 inch



1/2

420-573-001 gerade/straight
420-573-002 links/left
420-573-003 rechts/right

CONVERSE

Meissel mit Schutz, 190mm
Chisel with single guard, 7 1/2 inch



1/2

420-500-200 3,0 mm

REES

Osteotom, mit Aluminium Handgriff, 200 mm
Osteotome, with aluminum handle, 8 inch



1/2

420-594-002	2 mm	420-594-007	7 mm
420-594-003	3 mm	420-594-008	8 mm
420-594-004	4 mm	420-594-010	10 mm
420-594-005	5 mm	420-594-012	12 mm
420-594-006	6 mm	420-594-015	15 mm

SHEEHAN

Osteotom, 160 mm
Osteotome, 6 1/3 inch



1/2

420-596-002	2 mm
420-596-003	3 mm
420-596-004	4 mm
420-596-006	6 mm
420-596-008	8 mm
420-596-010	10 mm
420-596-011	11 mm
420-596-015	15 mm

TARDY

Osteotom, 160 mm
Osteotome, 6 1/3 inch

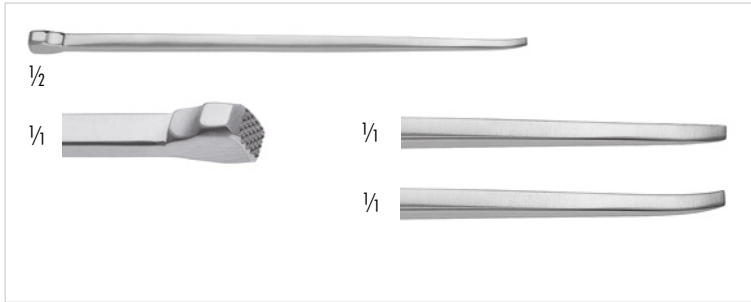


1/2

420-496-001	1 mm	420-496-007	7 mm
420-496-002	2 mm	420-496-008	8 mm
420-496-003	3 mm	420-496-009	9 mm
420-496-004	4 mm	420-496-010	10 mm
420-496-005	5 mm	420-496-012	12 mm
420-496-006	6 mm	420-496-015	15 mm

FRENCH PATTERN

Osteotom, 150 mm
Osteotome, 6 inch



Gerade/straight		Gebogen/curved	
420-570-002	2mm	420-571-002	2mm
420-570-004	4mm	420-571-004	4mm
420-570-006	6mm	420-571-006	6mm
420-570-008	8mm	420-571-008	8mm
420-570-010	10mm	420-571-010	10mm
420-570-012	12mm	420-571-012	12mm
Mini Osteotom, 125 mm			
Mini Osteotome, 5 inch			



420-702-175CC	2mm
420-703-175CC	3mm
420-704-175CC	4mm
420-706-175CC	6mm
Mini Osteotom, CeraCut®, 175mm	
Mini Osteotome, CeraCut®, 7 inch	



210-114-143	3mm
210-114-145	5mm
210-114-147	7mm
210-114-149	9mm
TRAUTMANN	
Meissel, 140 mm	
Chisel, 5 1/2 inch	



210-113-143	3mm
210-113-145	5mm
210-113-147	7mm
210-113-149	9mm
TRAUTMANN	
Hohlmeissel, 140 mm	
Gouge, 5 1/2 inch	



Gerade/straight		Gebogen/curved	
420-502-002	2mm	420-502-102	2mm
420-502-003	3mm	420-502-103	3mm
420-502-005	5mm	420-502-105	5mm
420-502-007	7mm	420-502-107	7mm
420-502-010	10mm	420-502-110	10mm
420-502-014	14mm	420-502-114	14mm
420-502-016	16mm	420-502-116	16mm
420-502-018	18mm	420-502-118	18mm
TESSIER			
Nasen Osteotom, 160 mm			
Nasal Osteotome, 6 1/3 inch			



210-240-180 240 g, Ø 30 mm

COTTLE

Hammer, 1 Seite flach, 1 Seite konvex, 190 mm
Mallet, 1 side plain flat, 1 side convex, 7 1/2 inch



210-264-140 140 g, Ø 25 mm

Hammer, mit auswechselbaren Kunststoffbacken
Mallet, with interchangeable plastic disks

210-265-100

Ersatzbackenpaar, für Hammer 210-264-140
Pair of spare disks, for mallet 210-264-140



210-019-170 117 g, Ø 19 mm

Hammer, mit Kupferkopf, 170 mm
Mallet, with copper head, 6 3/4 inch



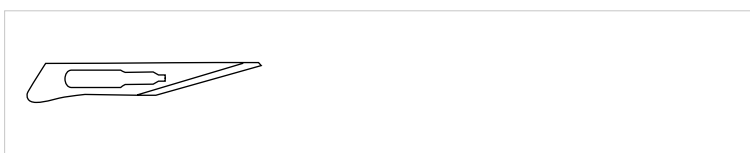
110-110-003

Skalpell Griff Nr. 3, 130 mm
Scalpel handle No.3, 5 1/8 inch



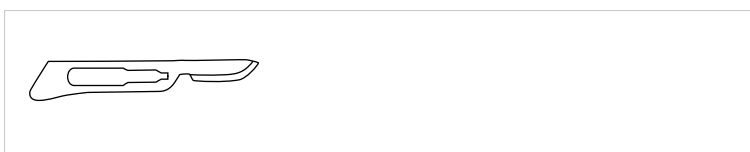
110-130-077

Skalpell Griff Nr. 7, 165mm
Scalpel handle No. 7, 6 1/2 inch



110-201-011

Skalpellklingen Fig 11, 100 Stück
Scalpel blades Fig. 11, 100 pieces



110-201-015

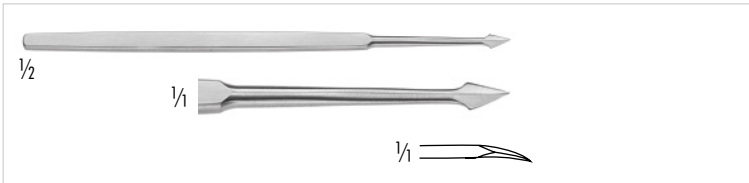
Skalpellklingen Fig. 15, 100 Stück
Scalpel blades Fig. 15, 100 pieces



420-213-140

COTTLE

Septummesser, abgerundete Kanten, 140 mm
Septum knife, stiff blade with rounded edge, 5 1/2 inch



420-552-130

MASING

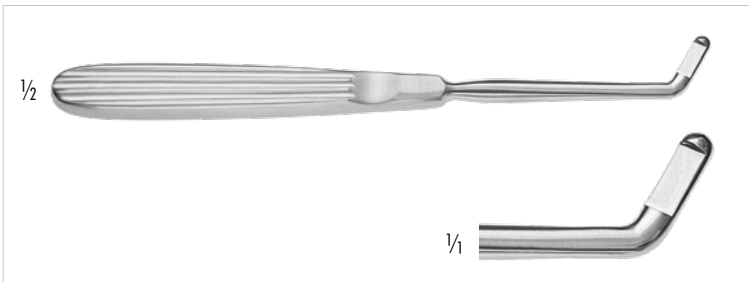
Knorpelritzmesser, in der Spitze gebogen, 130 mm
Cartilage slitting knife, curved blade, pointed, 5 1/8 inch



420-205-160

JOSEPH

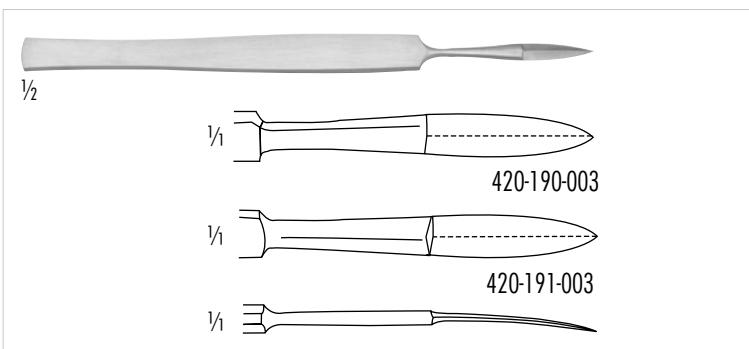
Plastikmesser, gerade, Spitze verrundet, 150 mm
Button-end knife, straight, 6 inch



420-209-175

JOSEPH

Zugmesser zum Abtragen von Knorpelvorsprüngen des Septums, 165 mm
Button-end knife, angled for removal of septum cartilage, 6 1/2 inch



420-190-003 gerade/straight
420-191-003 gebogen/curved

JOSEPH

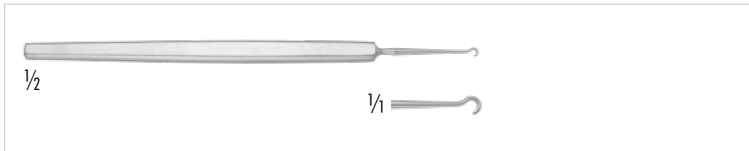
Plastikmesser mit doppelter Schneide, scharf, 150 mm
Double-edge nasal knife, sharp, 6 inch



420-195-150

FREER

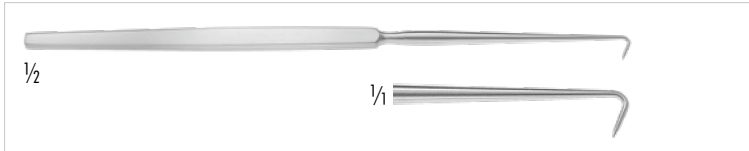
Mukosamesser, 150 mm
Mucosa knife, 6 inch



170-010-125

GRAEFE

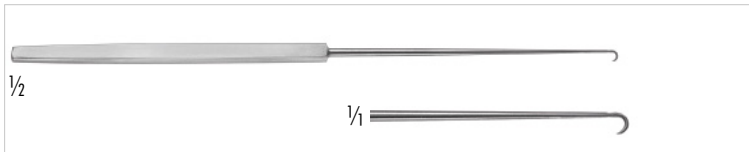
Hauthäkchen, scharf, 120 mm
Skin hook, sharp, 4 3/4 inch



230-285-160

COTLE

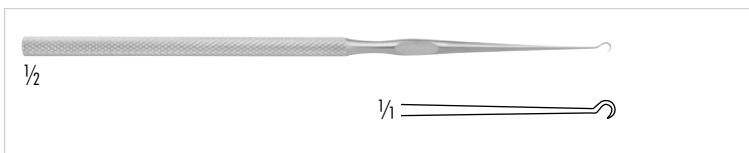
Scharfes Sehnenhäkchen, 120° retrograd gebogen, 168 mm
Tenaculum hook, 120° retrograde curved, 6 2/3 inch



230-286-160

COTLE

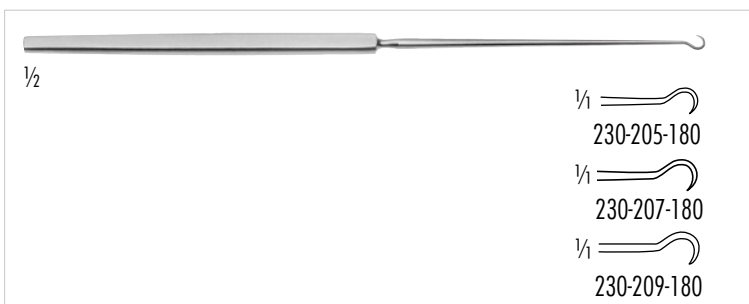
Scharfes Sehnenhäkchen, 180° retrograd gebogen, 168 mm
Tenaculum hook, 180° retrograde curved, 6 2/3 inch



230-203-150

KILNER

Hauthäkchen, scharf, 150 mm
Skin hook, sharp, 6 inch



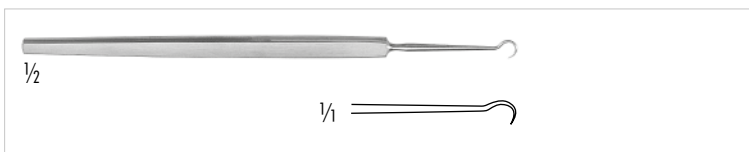
230-205-180 klein/small

230-207-180 mittel/medium

230-209-180 groß/large

GILLIES

Hauthäkchen, scharf, 180 mm
Skin hook, sharp, 7 inch



170-013-130 130 mm, 5 1/4 inch

170-013-180 180 mm, 7 inch

FRAZIER

Hauthäkchen, scharf
Skin hook, sharp



250-064-376

FISCH

Hauthäkchen, 90° abgewinkelt, scharf, 190 mm
Skin hook, 90° angled, sharp, 7 1/2 inch



170-060-001 klein/small

170-060-002 groß/large

CUSHING

Stumpfes Häkchen, 190 mm
Buttomed hook, 7 1/2 inch



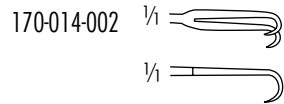
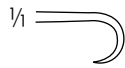
170-042-130

GUTHRIE

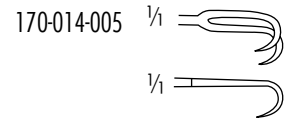
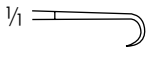
Hauthäkchen, Fig. 1, 120 mm
Skin hook, Fig. 1, 4 3/4 inch



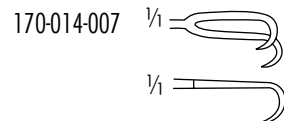
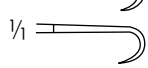
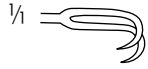
170-014-001



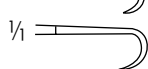
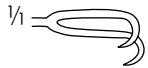
170-014-002



170-014-005



170-014-007



170-014-010

170-014-001

JOSEPH

Hauthäkchen, scharf, 1 Zinken, 150 mm

Skin hook, sharp, single prong, 6 inch

170-014-002 2 mm

170-014-005 5 mm

170-014-007 7 mm

170-014-010 10 mm

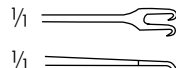
JOSEPH

Hauthäkchen, 2 Zinken, scharf, 160 mm

Skin hook, sharp, 2 prongs, 6 1/4 inch



1/2



230-220-001

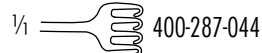
FREER

Hauthäkchen, 2 Zinken, scharf, 150 mm

Skin hook, 2 prongs, sharp, 6 inch



1/2



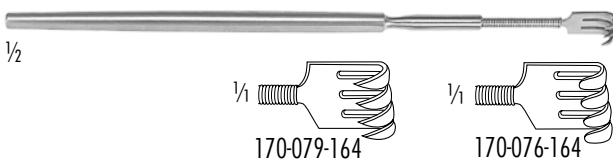
400-287-004 scharf/sharp

400-287-044 stumpf/blunt

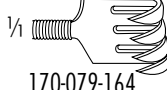
ROLLET

Hauthäkchen, 4 Zinken, 135 mm

Skin hook, 4 prongs, 5 1/4 inch



1/2



170-079-164



170-076-164

170-079-163 3 Zinken, scharf / 3 prongs, sharp

170-079-164 4 Zinken, scharf / 4 prongs, sharp

170-076-163 3 Zinken, stumpf / 3 prongs, blunt

170-076-164 4 Zinken, stumpf / 3 prongs, blunt

Feine Wundhaken mit flexibler Spitze, 160 mm

Fine hand held retractor with flexible tip, 6 1/4 inch

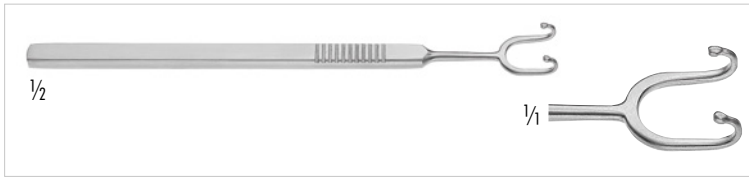
170-008-381

COTTLE

Wundhaken mit Ring, Arbeitslänge: 38 mm, scharf, 2-zahnig, 8 mm

Thumb retractor, working length 1 1/2 inch, sharp, double hook, 8 mm wide





420-186-145

FOMON

Nasenflügelretractor, 2 Zinken, stumpf/stumpf, 140 mm
 Alar retractor, 2 prongs, blunt/blunt, 5 1/2 inch

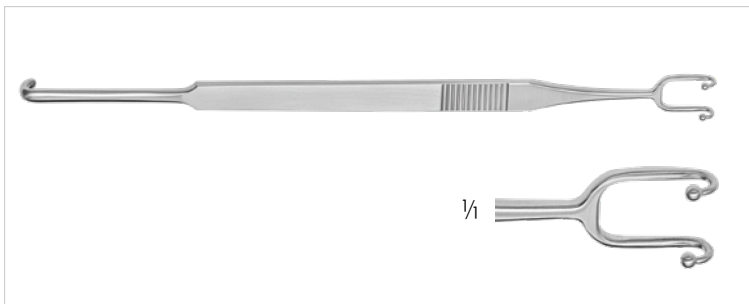


230-281-140 stumpf/spitz, blunt/sharp

230-282-140 spitz/stumpf, sharp/blunt

COTTLE

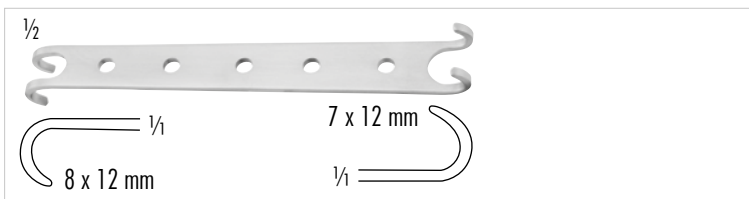
Nasenflügelretractor, 2 Zinken, 140 mm
 Alar retractor, 2 prongs, 5 1/2 inch



230-260-200

COTTLE-NEIVERT

Nasenflügelretractor, mit Säge- oder Messerführung,
 2 Zinken, stumpf, 200 mm
 Alar retractor, with saw and knife guide, 2 prongs, blunt, 8 inch



260-501-120

CONVERSE

Alar-Doppelhaken, 2 Zinken, stumpf/stumpf, 120 mm
 Alar retractor, double-ended, 2 prongs, blunt/blunt, 4 3/4 inch



420-187-155 sharp

420-187-255 blunt

RUBIN

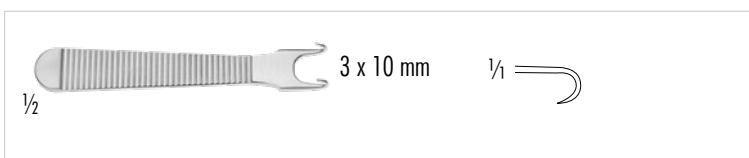
Haken, 7mm lang, 5,5mm breit
 Hook, 7mm length, 5.5mm wide



420-524-150

COTTLE

Alar Retraktor mit Lippe, 150 mm
 Alar retractor with lip, 6 inch

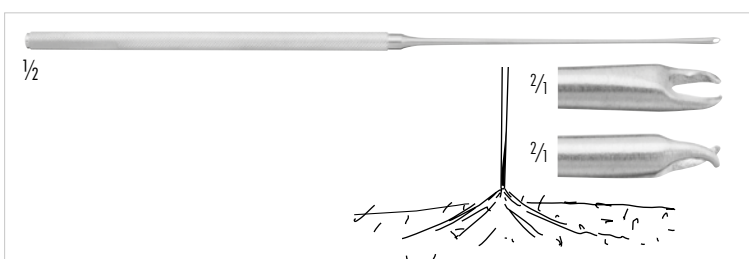


420-184-100 spitz/spitz / sharp/sharp

420-185-100 stumpf/stumpf / blunt/blunt

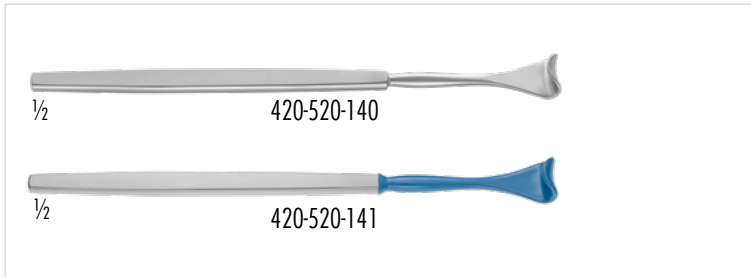
KILNER

Nasenflügelretractor, 2 Zinken, 85 mm
 Alar retractor, 2 prongs, 3 1/4 inch



250-064-392 Ø 1,8 mm

Hautkralle mit Schutzkappe, 185 mm
 Skin picks with protection cap, 7 1/4 inch



420-520-140 6x12 mm
 420-520-141 6x12 mm, **isoliert/insulated**
MASING

420-523-140 10x12 mm
 420-523-141 10x12 mm; **isoliert/insulated**
COTTLE

Alar Retraktor, 140 mm
 Alar retractor; 5 1/2 inch



420-256-135

WALTER

Doppelhaken, eine Seite mit 2 stumpfen Haken, eine Seite mit stumpfen Blatt

Double-ended retractor, one end 2 blunt prongs and one with blade



420-260-005 5mm + 42x7mm
 420-260-008 8mm + 38x7mm
 420-260-013 13mm + 38x7mm
 420-260-113 13mm + 42x10mm

AUFRICT

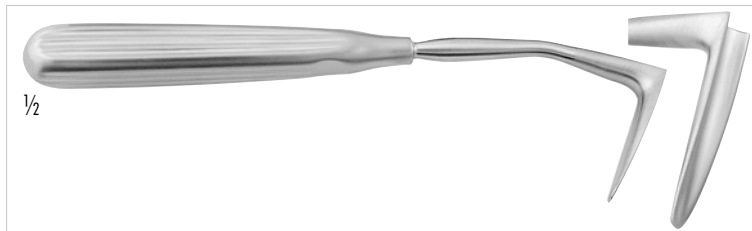
Doppelendiger Nasenhaken, stumpf
 Double-ended nasal retractor, blunt



420-250-160 10x45 mm Blatt/blade
 420-251-160 10x30 mm Blatt/blade

AUFRICT

Nasenretraktor, 160 mm
 Nasal retractor, 6 1/4 inch



420-057-160

DEVINE-MILLARD-AUFRICHT

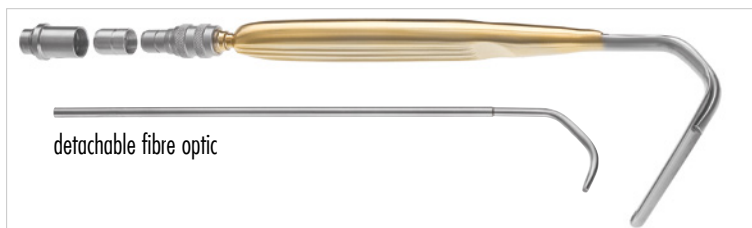
Nasenretraktor, 10 x 45 mm Blatt, 180 mm

Nasal retractor, 10 x 45 mm blade, 7 inch

420-257-160

Dito, mit KL-Anschluß

Same, with fibre optic



420-255-160

AUFRICHT

Nasenretraktor, mit Kaltlicht, 120°, 45 mm Blatt, 180 mm

Nasal retractor, with fibre optic, 120°, 45 mm blade, 7 inch



420-652-100

420-752-100 mit Kaltlichtträger/with fibre optic light carrier

MALINIAC

Nasenretraktor, 9 x 45 mm, 100 mm

Nasal retractor, 9 x 45 mm, 4 inch



420-236-110 11 x 44 mm

CONVERSE

Nasenretraktor, mit Kaltlicht, 110 mm

Nasal retractor, with fibre optic, 4 1/3 inch



121-188-145 gerade / straight
121-189-145 gebogen / curved

METZENBAUM

Super-Cut Präparierscheren, mit eckigen Ringen, 145 mm

Super-Cut Dissecting scissors, with square rings, 5 3/4 inch



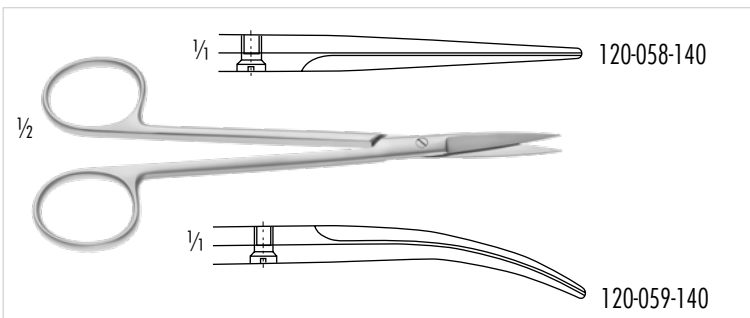
120-967-130 gebogen / curved

120-966-130 gerade / straight

GOLDMAN FOX

TC Sehnenscherer, eine Schneide gezahnt, 130 mm

TC Tendon scissors, one blade serrated, 5 1/8 inch



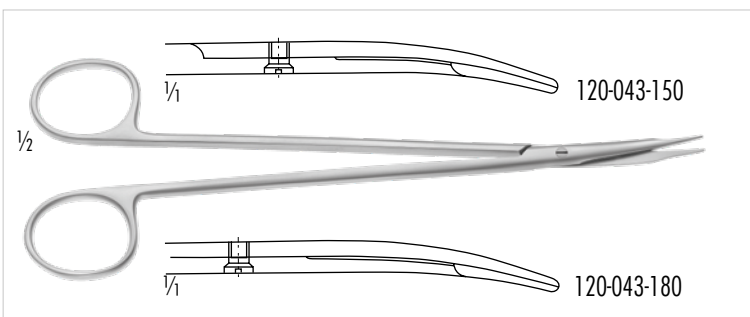
120-058-140 gerade / straight

120-059-140 gebogen / curved

JOSEPH

Plastikschere, spitz/spitz, 145 mm

Plastic scissors, sharp/sharp, 5 3/4 inch



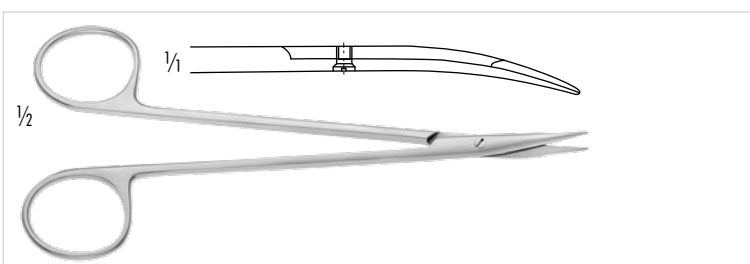
120-043-150 145 mm, 5 3/4 inch

120-043-180 175 mm, 7 inch

REYNOLDS

Präparierschere, delikat, stumpf/stumpf, gebogen

Dissecting scissors, delicate, blunt/blunt, curved

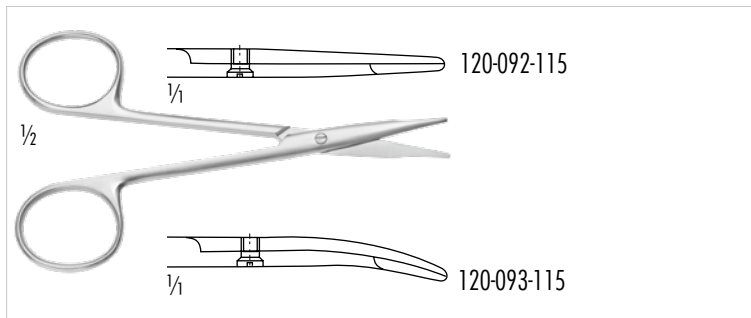


120-315-150

JAMESON

Präparierschere, delikat, stumpf/stumpf, gebogen, 150 mm

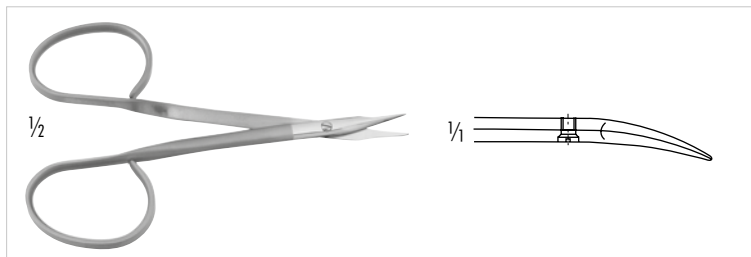
Dissecting scissors, delicate, blunt/blunt, curved, 6 inch



- 120-092-115 gerade, stumpf/stumpf
straight, blunt/blunt
120-093-115 gebogen, stumpf/stumpf
curved, blunt/blunt

STEVENS

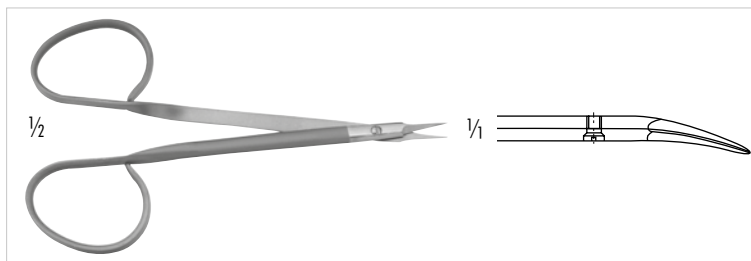
Gefäß- und Sehnenschere, 110 mm
Vessel and tendon scissors, 4 3/8 inch



- 120-099-105 gebogen / curved

STEVENS

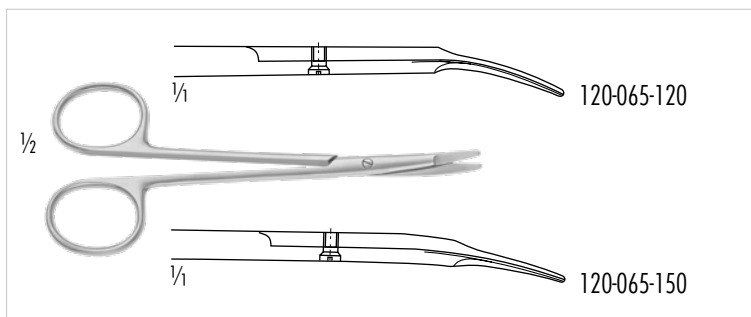
Gefäß- und Sehnenschere, spitz, mit offenem Ring, 100 mm
Vessel and tendon scissors, sharp, with Ribbon handle, 4 inch



- 120-398-120

STEVENS

Besonders feine Präparierschere, spitz, leichtes Modell mit offenem Ring, 110 mm
Dissecting scissors, delicate, sharp, light pattern with Ribbon handle, 4 3/8 inch

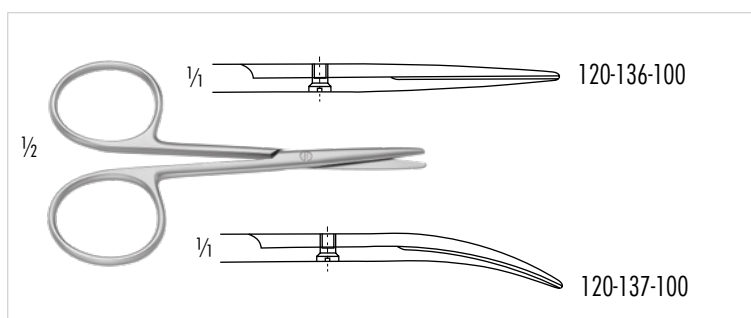


- 120-065-120 125 mm, 5 inch

- 120-065-150 150 mm, 6 inch

KILNER

Präparierschere, mit stark abgeflachten Blättern, gebogen, stumpf/stumpf
Dissecting scissors, with bevelled blade, curved, blunt/blunt

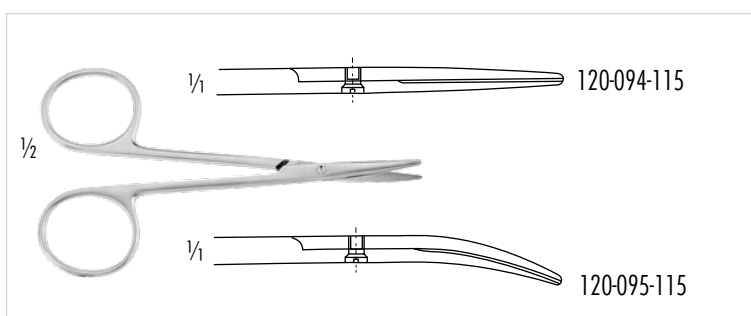


- 120-136-100 gerade / straight

- 120-137-100 gebogen / curved

COTTLE-KNAPP

Plastikschere, stumpf/stumpf, 105 mm
Plastic scissors, blunt/blunt, 4 1/8 inch

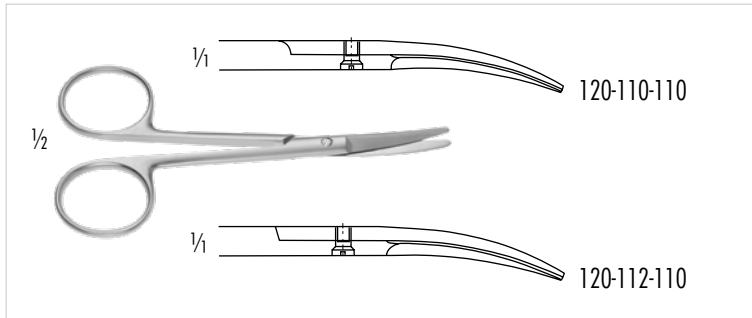


- 120-094-115 gerade / straight

- 120-095-115 gebogen / curved

STRABISMUS

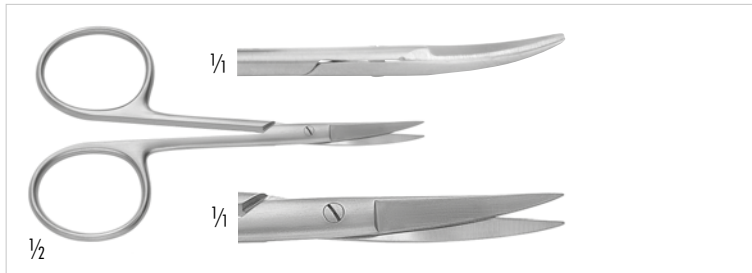
Präparierschere, 115 mm
Dissecting scissors, 4 1/2 inch



120-110-110 spitz/spitz / sharp/sharp
120-112-110 stumpf/stumpf / blunt/blunt

COTTLE-MASING

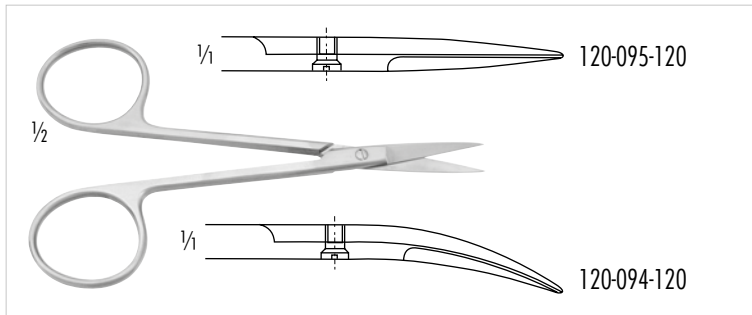
Nasenplastikschere, gebogen, 105 mm
Nasal plastic scissors, curved, 4 1/8 inch



120-081-100

121-081-100 **Super Cut**

Iris Schere, gebogen, mit großen Ringen, 100 mm
Iris scissors, curved, with large handle, 4 inch

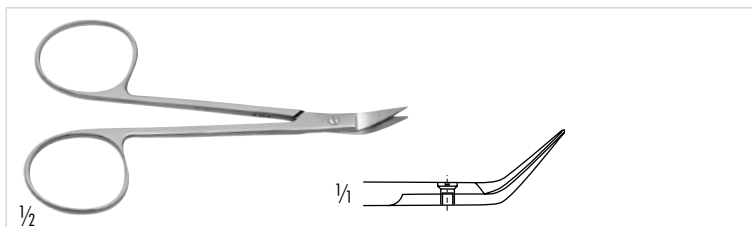


120-095-120 gerade/straight

120-094-120 gebogen/curved

Feine Schere, 115 mm

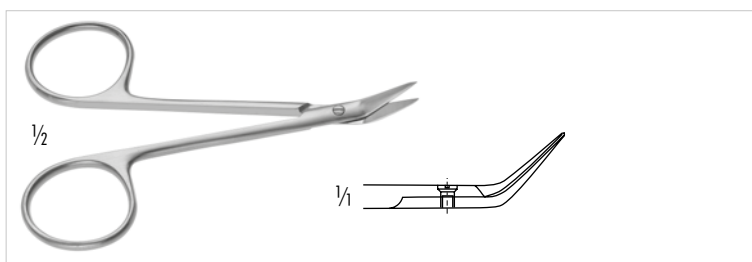
Delicate scissors, 4 1/2 inch



120-411-090

DANIELS

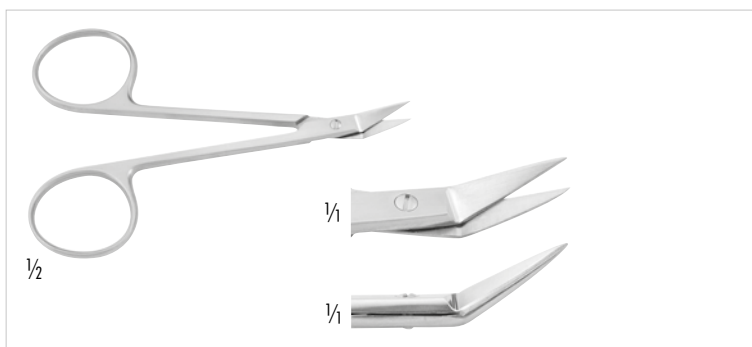
Präparierschere, 40° abgewinkelt, 90 mm
Dissecting scissors, 40° angled, 3 1/2 inch



120-411-105

BIRO

Schere, abgewinkelte Schneide, rundes Maul, 105 mm
Scissors, angled blades, round shape, 4 inch

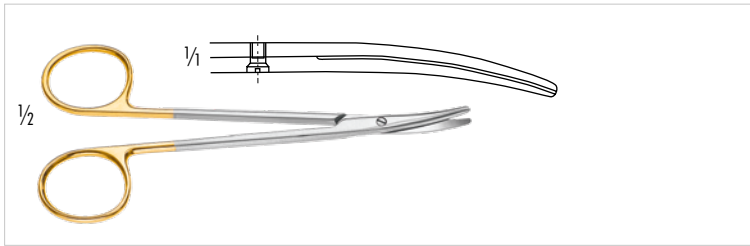


120-511-100

121-511-100 **Super Cut**

CONVERSE

Nasenschere, aufgewinkelte Blätter, spitz/spitz, 104 mm
Nasal scissors, angled up blades, sharp/sharp, 4 1/8 inch

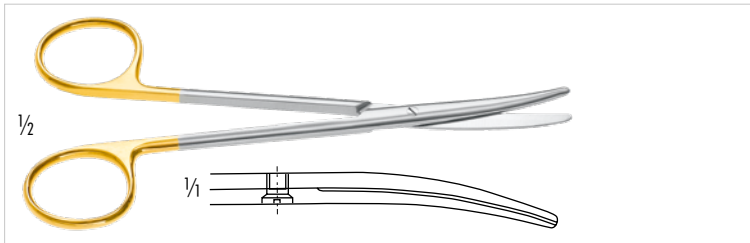


120-595-115

BABY-METZENBAUM

TC Präparierschere, gebogen, 115 mm

TC Dissecting scissors, curved, 4 1/2 inch

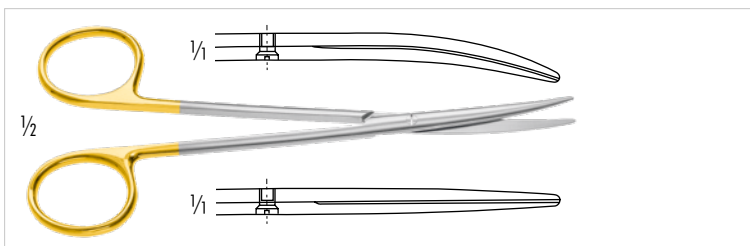


120-511-145

METZENBAUM

TC Präparierschere, Fig 1, gebogen, 145 mm

TC Dissecting scissors, Fig. 1, curved, 5 3/4 inch



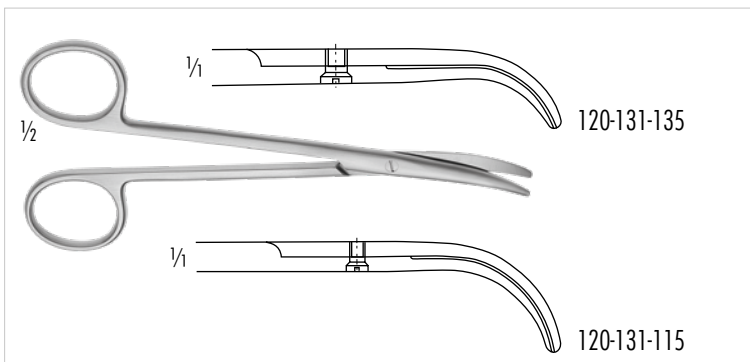
120-521-145 gebogen/curved

120-520-145 gerade/straight

METZENBAUM-FINO

TC Präparierschere, stumpf, 145 mm

TC Dissecting scissors, blunt, 5 3/4 inch



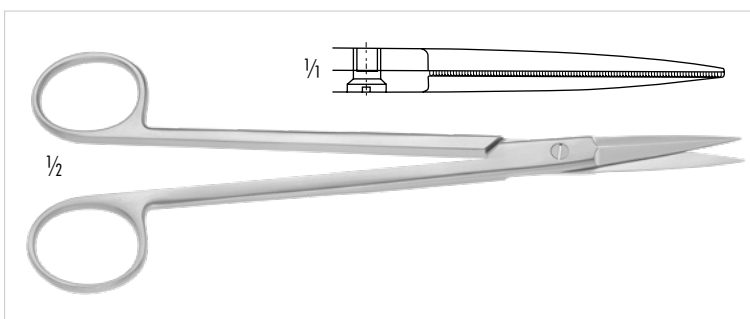
120-131-115 115 mm, 4 1/2 inch

120-131-135 135 mm, 5 1/4 inch

FOMON

Nasenflügelschere, stark gebogen

Lower lateral scissors, strongly curved



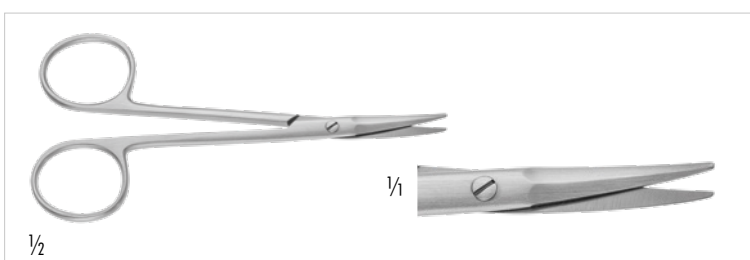
120-190-190

MC INDOE

Knorpelschere, mit außen schneidenden Blättern,

spitz/spitz, gerade, gezahnt, 185 mm

Cartilage scissors, straight, serrated blades. Blades: cutting on both sides, sharp/sharp, 7 1/4 inch



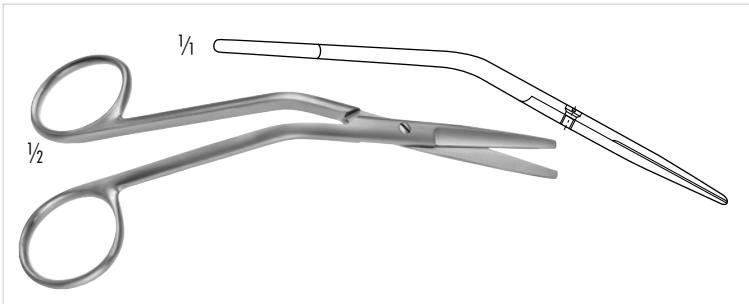
120-281-110 stumpf, 110mm/pointed, 4 3/4 inch

120-281-130 spitz, 130mm/pointed, 5 inch

BEUSE

Nasenschere, leicht gebogen

Nasal Scissors, slightly curved

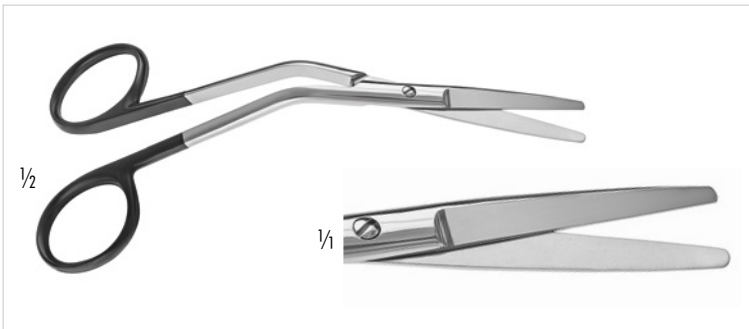


120-280-150

FOMON

Nasenschere, beide Schneiden gezahnt, kniegebogen, stumpf/stumpf, 145 mm

Dorsal scissors, straight, serrated blades, knee bent, blunt/blunt, 5 3/4 inch



121-280-145

FOMON

SC Nasenschere, kniegebogen, ein gezahntes Blatt, 145 mm

SC Dorsal scissors, knee bent, one serrated blade, 5 3/4 inch

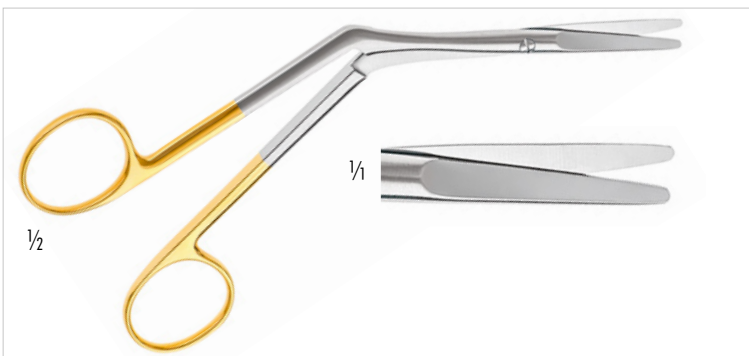


120-281-160

121-281-160 **Super-Cut**120-581-160 **TC****COTTLE**

Nasenschere, kniegebogen, stumpf/stumpf, 165 mm

Dorsal scissors, straight blades, knee bent, blunt/blunt, 6 1/2 inch

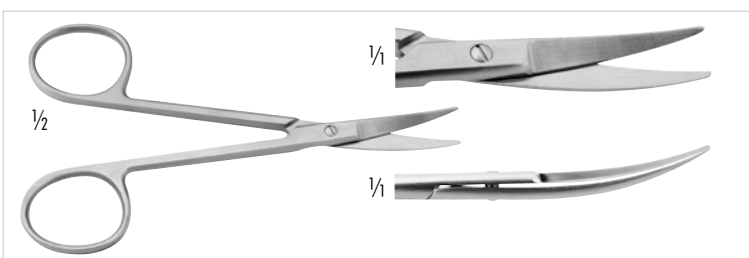


120-585-180

KNIGHT

TC Nasenschere, 180 mm

TC Nasal Scissors, 7 inch

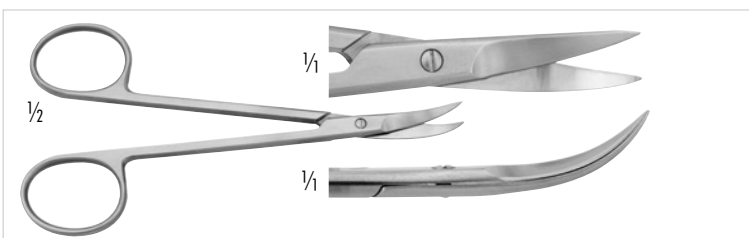


120-379-115

COTTLE

Bulldog-Schere, stumpf/stumpf, 115 mm

Bulldog scissors, blunt/blunt, 4 1/2 inch

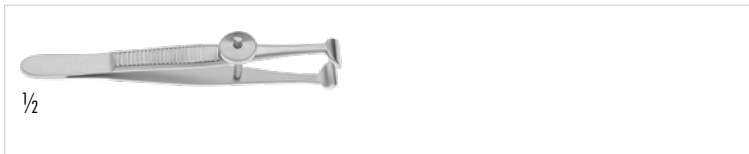


120-053-115

CHADWICK

Schere, gebogen, spitz, 115 mm

Scissors, curved, sharp, 4 1/2 inch



420-730-085

COTTLE

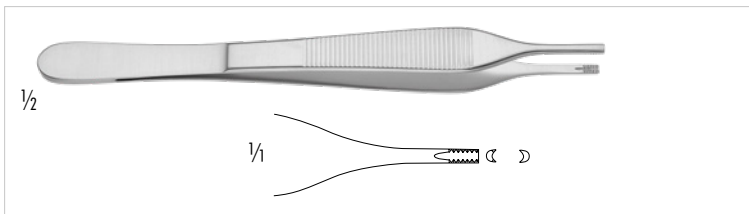
Columella-Pinzette für Kinder, mit Stellschraube
Columella clamp for children, with adjusting screw



420-730-100

COTTLE

Columella-Pinzette, mit feststehenden Fixierrollen und
Stellschraube, 100 mm
Columella clamp, with fixation bearings and adjusting screw, 4 inch

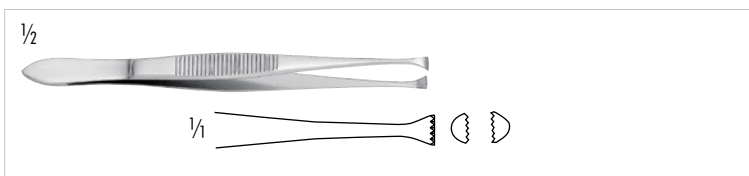


130-552-120 120mm, 4 3/4 inch

130-552-150 150mm, 6 inch

ADSON-BRAUN

Wundrandpinzette, 7x7 Zähne
Tissue forceps, 7x7 teeth



400-025-110

GRAEFFE

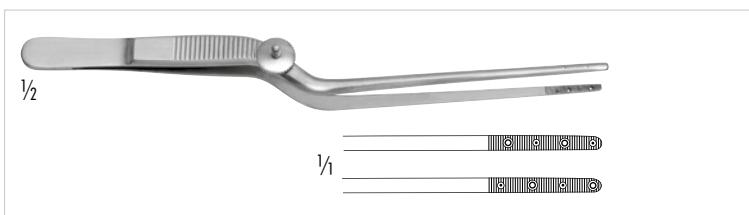
Hautfasspinzette, mit scharfen Zähnen, 110 mm
Tissue forceps, with sharp teeth, 4 3/8 inch



130-558-150

GLANZ

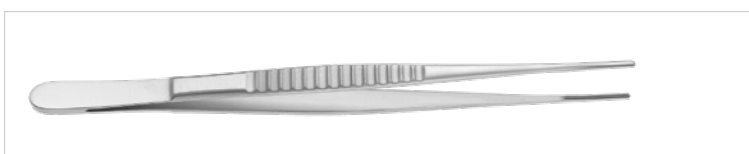
Pinzette atraumatisch, 150 mm
Atraumatic tissue forceps, 6 inch



420-732-155

COTTLE

Fixierpinzette, mit Stellschraube, bajonettförmig,
gerieft mit Zähnen, 155 mm
Lower lateral forceps, with adjusting screws, bayonet shaped,
serrated with teeth, 6 inch



290-552-160

DEBAKEY

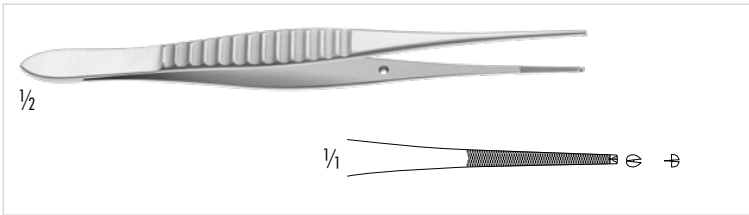
Atraumatische Pinzette, gerade, 2 mm Spitze, 160 mm
Atraumatic forceps, straight, 2 mm tip, 6 1/4 inch



410-247-165

SHEEN

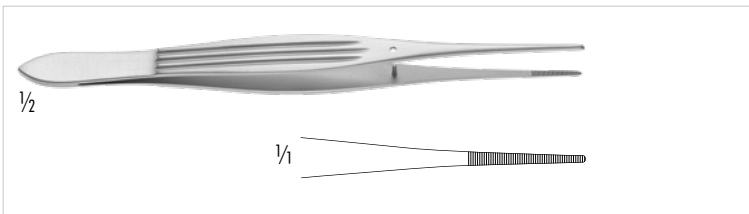
Nasenpinzette mit 6mm Löffel, bajonett gebogen, 165mm
Nasal Forceps with 6mm spoon, bayonet shape, 6 1/2 inch



130-120-150

GILLIES

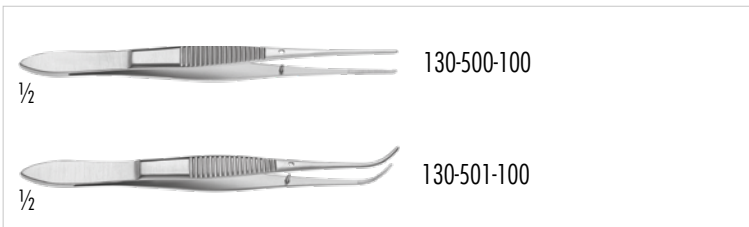
Chirurgische Pinzette, 1 x 2 Zähne, 160 mm
Tissue forceps, 1 x 2 teeth, 6 1/4 inch



130-028-150

MC INDOE

Anatomische Pinzette, 150 mm
Dissecting forceps, 6 inch



130-500-100 gerade/straight
130-501-100 gebogen/curved

GRAEFE

Feine anatomische Pinzette, 100 mm
Delicate dressing forceps, 4 inch



130-503-100 gerade/straight
130-504-100 gebogen/curved

GRAEFE

Chirurgische Pinzette, 1 x 2 Zähne, 100 mm
Tissue forceps, 1 x 2 teeth, 4 inch



130-144-125

SEMKEN

Anatomische Pinzette, 125 mm
Dressing forceps, 5 inch



130-145-125

SEMKEN

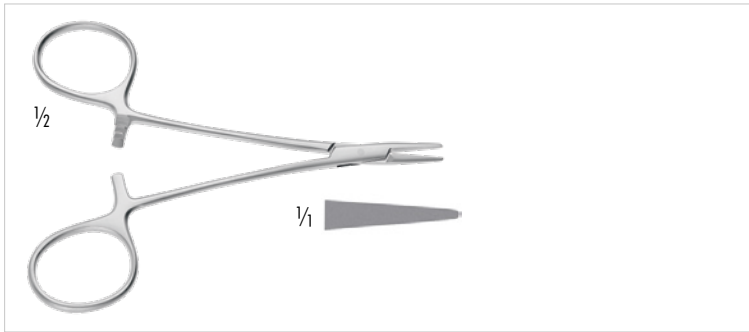
Chirurgische Pinzette, 1 x 2 Zähne, 125 mm
Tissue forceps, 1 x 2 teeth, 5 inch



400-137-050

CASTROVIEJO

Nahtpinzette mit Fadenplatte, 0,5 mm, 1 x 2 Zähne, 100 mm
Suture forceps with tying platform, 0.5 mm, 1 x 2 teeth, 4 inch



180-318-110

YANG

Nadelhalter, sehr fein, glattes Maul, 110 mm

Needle holder, very delicate, smooth jaw, 4 1/4 inch

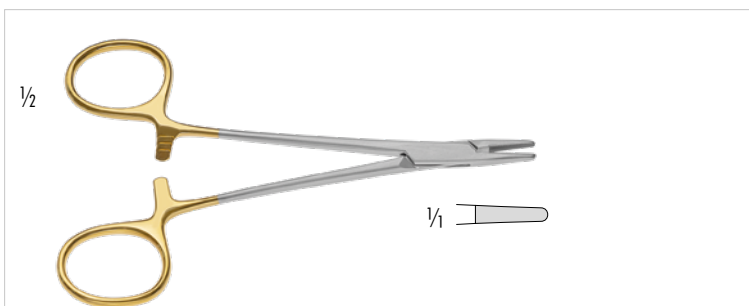


180-542-150

BABY-CRILE-WOOD

TC Nadelhalter, 150 mm

TC Needle holder, 6 inch

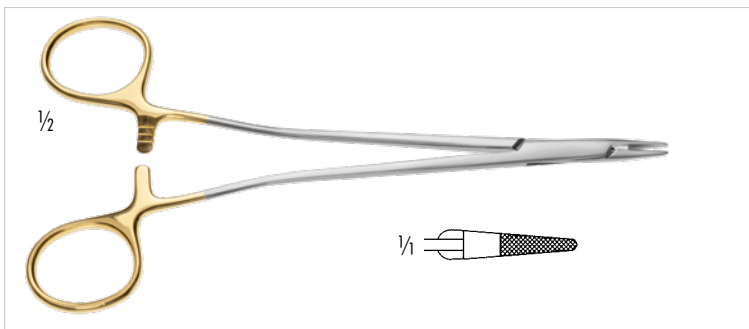


180-537-130

HALSEY

TC Nadelhalter, 130 mm

TC Needle holder, 5 1/8 inch



180-533-130

NEIVERT

TC Nadelhalter, 130 mm

TC Needle holder, 5 1/8 inch



180-531-150 150 mm/6 inch

180-531-170 170 mm/6 3/4 inch

SENNING

TC Nadelhalter, durch seine schlanke Form besonders für tiefe Nähte bei rhinoplastischen Operationen geeignet, 170 mm

TC Needle holder, used for suturing in rhinoplastic surgery, 6 3/4 inch



250-264-246

JACOBSONMikro Nadelhalter, Rundgriff, gerade, mit Sperre, diamantiertes Maul, 185 mmMicro Needle holder, round handle, straight, with catch, diamond dusted jaws, 7 1/4 inch



420-390-200

Knorpelritzzange mit abnehmbarem einseitigem Schutz für rechts und links sowie ohne Schutz für ein gleichzeitiges Einritzen beider Knorpelseiten, 200 mm

Cartilage morcelizer forceps with removable guard, converts cartilage into a membranous-like structure, permitting repositioning of the septum to midline, 8 inch



420-189-210

GOLDMANN

Nasenfraktureufrichter, runde Form, 200 mm

Septum elevator, round (displacer), 8 inch



420-557-170

BOIES

Elevator zur Reposition von Nasenbeinbrüchen, 170 mm

Elevator for septum repositioning, 6 ¾ inch

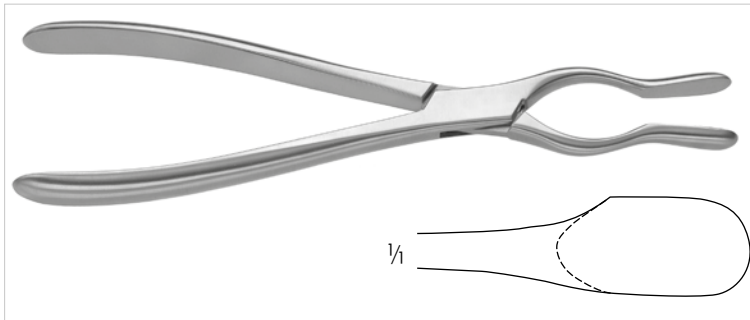


420-555-195

BOIES

Nasenfrakturelevator, 9 mm breite Spitze, 195 mm

Nasal fracture elevator, 9 mm wide tip, 7 ¾ inch

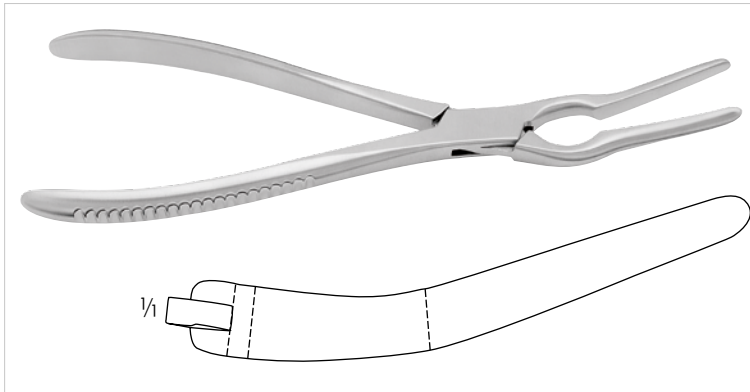


420-450-230

COTTLE-WALSHAM

Septumrichtzange mit aseptischem Schluß, 220 mm

Septum straightening forceps, with aseptic lock, 8 3/4 inch

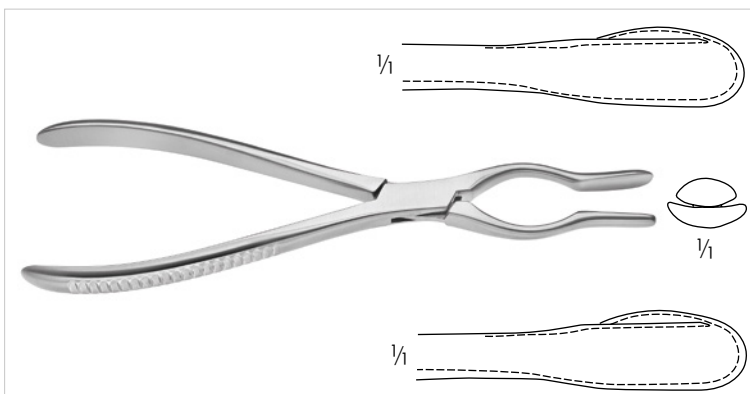


420-455-230

ASH

Septumrichtzange, 220 mm

Septum straightening forceps, 8 3/4 inch



420-452-230 für rechts/right

420-451-230 für links/left

WALSHAM

Septumrichtzange, 210 mm

Septum straightening forceps, 8 1/4 inch

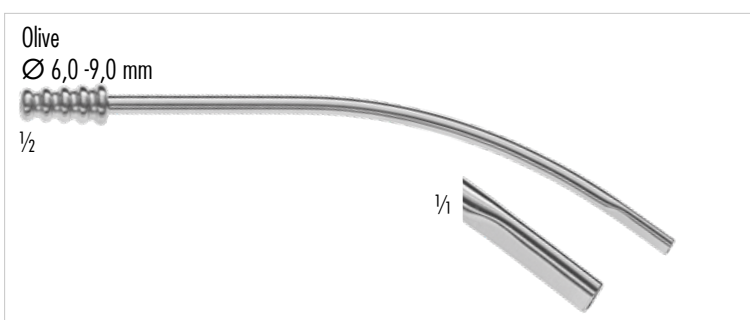


	Ø A	Ø B
410-404-030	3,6 mm	3,0 mm
410-404-035	4,0 mm	3,5 mm
410-404-040	4,5 mm	4,0 mm

MAGILL

Saugkanülen, 245 mm

Suction tube, 9 3/4 inch



Olive

Ø 6,0 - 9,0 mm

1/2

1/2

165-064-160 Ø 5 mm

Nasensaugrohr, LUER-Bohrung, Spitze 6,5 mm breit, 180 mm

Nasal suction tube, with LUER, tip 6,5 mm wide, 7 inch



290-137-270

GIERTZ-STILLE

Rippenschere, mit Doppelübersetzung, 250 mm
 Rib shear, double action, 10 inch



210-626-190

DINGMANN

Knochenhaltezange, 185 mm
 Bone holding forceps, 7 ¼ inch

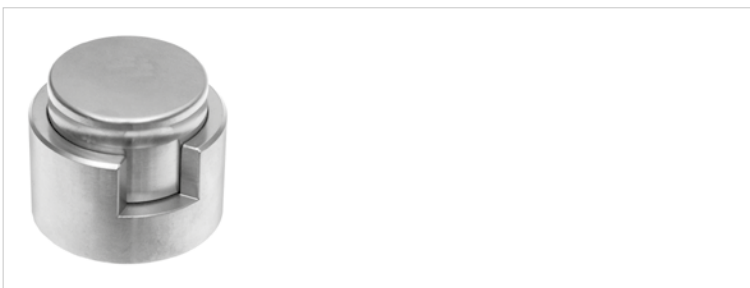


420-365-000 28mm breit/28mm wide

420-365-050 50mm breit/50mm wide

COTTLE

Knochen-Knorpelquetsche mit Metallklammer, zum Entnehmen
 der Knochen-Knorpeltrümmer
 Bone crusher, for preparation of cartilage implant material,
 complete with clamp



420-366-000

TOLSDORF

Knorpelquetsche, Innenteil gezahnt, Außenteil innen glatt
 40mm Innen-Durchmesser
 Bone crusher, inner part serrated, outer part bottom plain
 40mm inner diameter



420-367-000

85 x 55 mm

Kunststoffplatte, zur Bearbeitung der Knochentransplantate,
 dampfsterilisierbar
 Plastic plate, for preparation of bone grafts, autoclavable



- 230-202-000 gerade/straight
 230-202-001 bajonettförmig, links gebogen
 bayonet shaped, curved to the left
 230-202-002 bajonettförmig, rechts gebogen
 bayonet shaped, curved to the right

JOSEPH

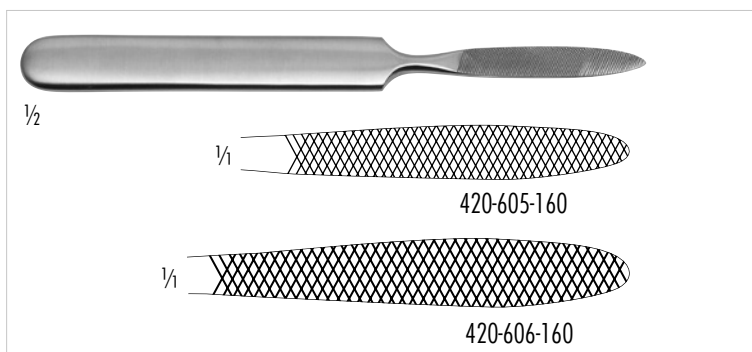
Nasensäge, 170 mm
 Nasal saw, 6 3/4 inch



- 230-211-170 links abgewinkelt/left angled
 230-210-170 rechts abgewinkelt/right angled

JOSEPH

Nasensäge, 170 mm
 Nasal saw, 6 3/4 inch



- 420-605-160 fein kariert/fine cross-serrated
 420-606-160 grob kariert/coarse cross-serrated

JOSEPH

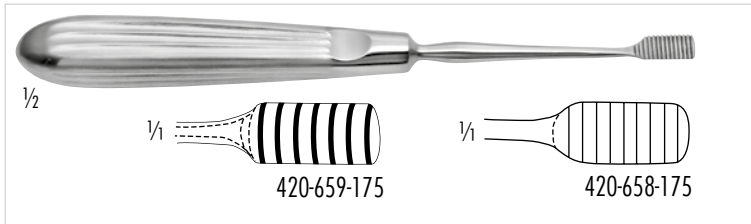
Raspel, zum Füllen von nasalen Knochen, 165 mm
 Rasp, for filling nasal bone material, 6 1/2 inch



420-653-180

MALTZ

Nasen-Raspel, 90° quer gerieft, auf Zug schneidend, 180 mm
 Nasal rasp, 90° cross-serrated, teeth set to cut on down stroke, 7 inch



420-658-175

LEWIS

Raspel, 8 mm, 90° quer gerieft, auf Zug schneidend, feine Zahnung

Rasp, 8 mm, 90° cross serrated, set to cut on down stroke, fine teeth

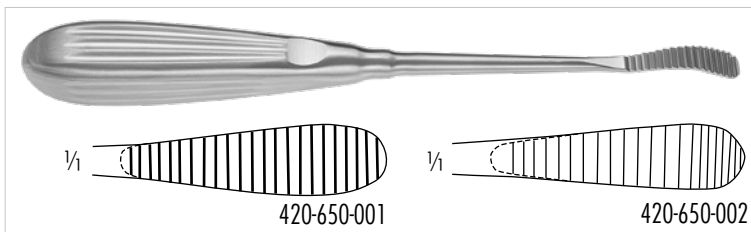


420-658-210 9x25mm

PECK-PARK

Raspel, 16 Zähne, 210mm

Raspatory, 16 teeth, 8 1/4 inch



420-650-002

auf Druck schneidend/set to cut on up stroke

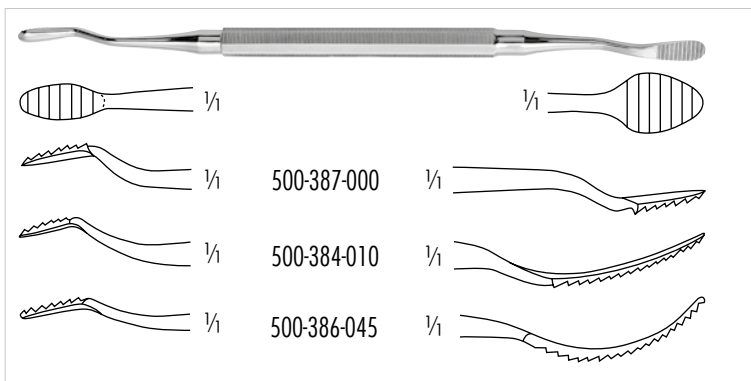
420-650-001

auf Zug schneidend/set to cut on down stroke

AUFRICHT

Raspel, 9 mm, 220 mm

Rasp, 9 mm, 8 3/4 inch



500-387-000

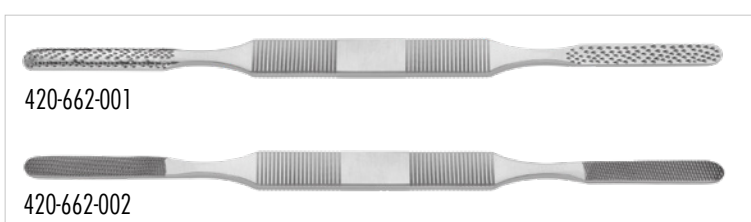
500-384-010

500-386-045

MILLER

Doppelraspel, 90° quer gerieft, auf Zug schneidend, 180 mm

Rasp, double-ended, 90° cross-serrated, set to cut on down stroke, 7 inch



420-662-001

420-662-002

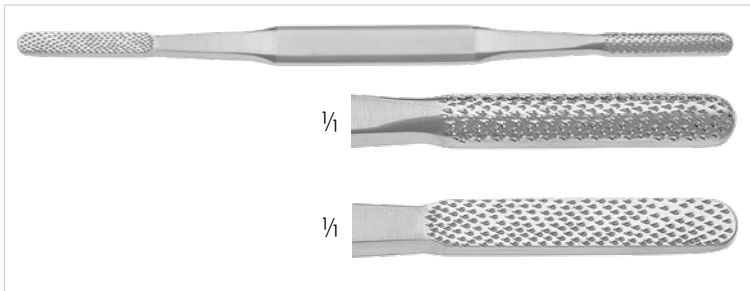
420-662-001 grob/coarse

420-662-002 fein/fine

FOMON

Nasenraspel, sehr leicht

Nasal rasp, lightweight



420-661-100

FOMON

Doppelraspel, Vorderseite grob, Rückseite fein, 215 mm

Rasp, double-ended, frontside coarse teeth, backside fine, 8 1/2 inch

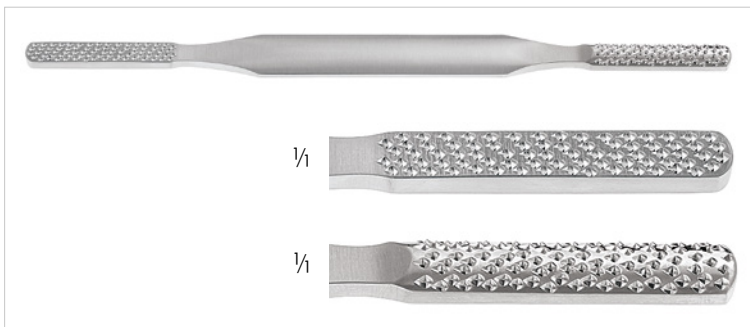


420-656-000

KLEINERT-KUTZ

Nasenraspel, doppelendig, 4-seitig, 220mm

Nasal rasp, double-ended, 4-sided, 8 3/4 inch

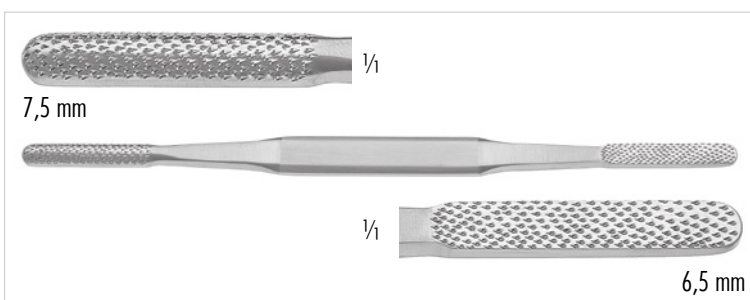


420-660-000

FOMON

Doppelraspel, grobe Zahnung, 215 mm

Rasp, double-ended, coarse teeth, 8 1/2 inch

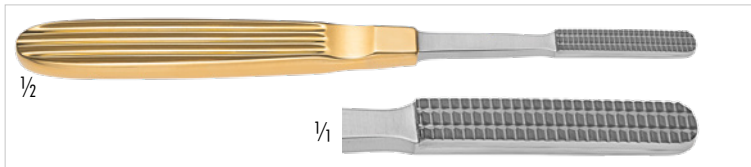
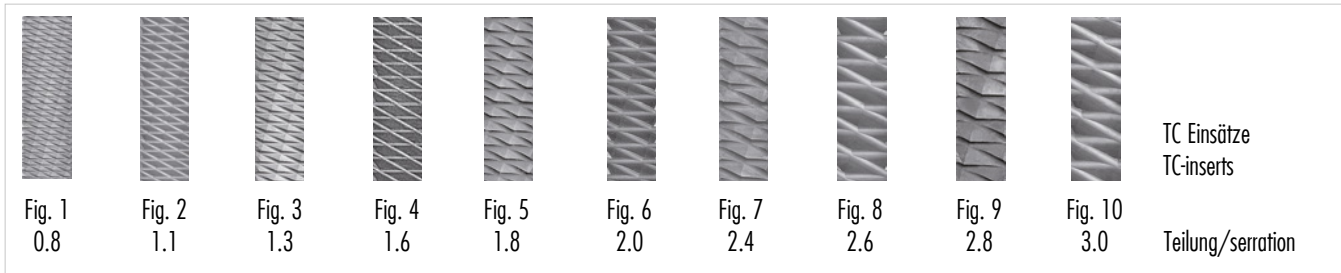


420-661-000

FOMON

Doppelraspel, feine Zahnung, 215 mm

Rasp, double-ended, fine teeth, 8 1/2 inch



420-672-000

MALTZ

TC Nasenraspel, gerade, auf Zug schneidend, 180 mm

TC Nasal rasp, straight, reverse, 7 inch



420-492-165 Fig. 2

420-493-165 Fig. 3

MALTZ

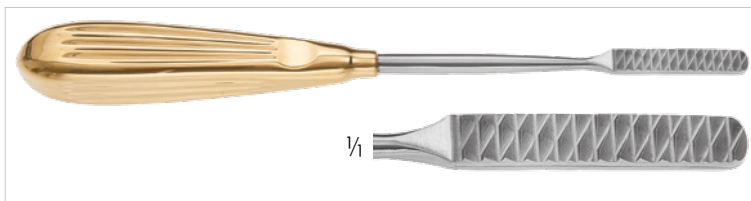
TC Nasenraspel, 170 mm

TC Nasal rasp, 6 2/3 inch

420-494-165 Fig. 4

420-495-165 Fig. 5

420-496-165 Fig. 6



420-490-210 Fig. 1

420-491-210 Fig. 2

420-492-210 Fig. 3

420-493-210 Fig. 4

420-494-210 Fig. 5

PARKES

TC Raspel, 8 x 39 mm, gerade, 210 mm

TC Rasp, 8 x 39 mm, straight, 8 1/4 inch

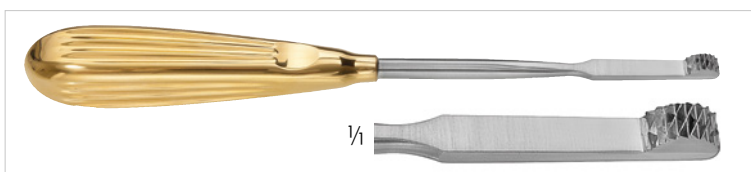
420-495-210 Fig. 6

420-496-210 Fig. 7

420-497-210 Fig. 8

420-498-210 Fig. 9

420-499-210 Fig. 10

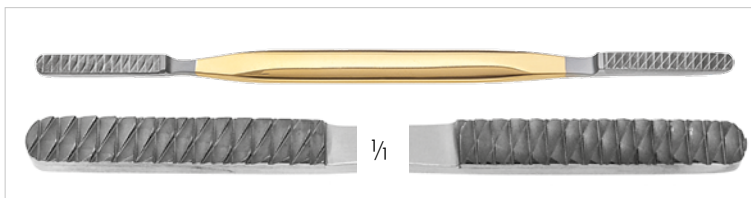


420-669-210

GLABELLA

TC Raspel, mittel, 210 mm

TC Rasp, medium, 8 1/4 inch



420-660-214 Fig. 3/Fig. 4

420-660-216 Fig. 5/Fig. 6

420-660-218 Fig. 7/Fig. 8

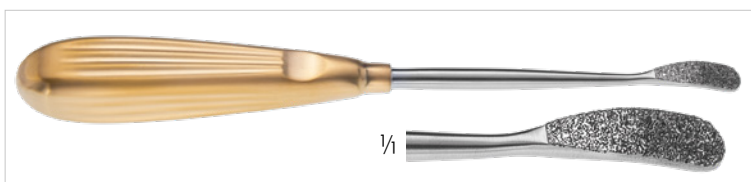
420-660-219 Fig. 1/Fig. 2

420-660-220 Fig. 9/Fig. 10

FOMON

TC Nasenraspel, doppelendig, 7 x 40 mm, 210 mm

TC Nasal Rasp, double ended, 7 x 40 mm, 8 1/4 inch

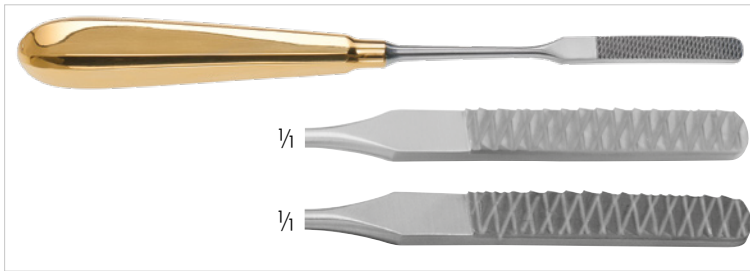


420-650-101

AUFRICHT

Nasenraspel, fein, gebogen, RZ diamantiert, 7 x 25 mm, 200 mm

Rasp, fine, curved, RZ diamond tip, 7 x 25 mm, 8 inch



420-480-200 fein
420-488-200 grob

ASTON

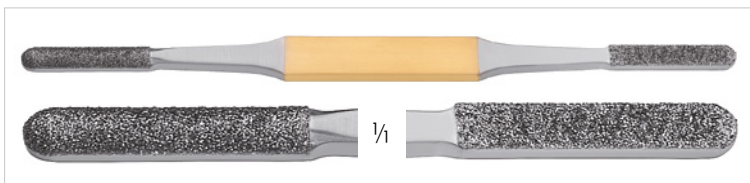
Nasenraspel, 200 mm
Nasal rasp, 8 inch



420-650-100

PEET-COTTLE

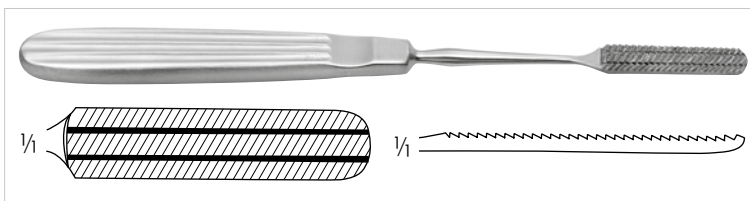
Nasenraspel, gebogen, RZ diamantiert, 175 mm
Nasal rasp, curved, RZ diamond tip, 7 inch



420-653-000

FOMON

Raspel, doppelendig, RZ diamantiert, grob,
convex/flach, 7 x 40 mm, 210 mm
Rasp, double ended, coarse RZ diamond tip,
convex on flat, 7 x 40 mm, 8 1/4 inch



420-628-254

RUBIN

Nasenraspel, 30% schräg, konkav, 200 mm
Nasal rasp, 30% oblique, concave, 8 inch

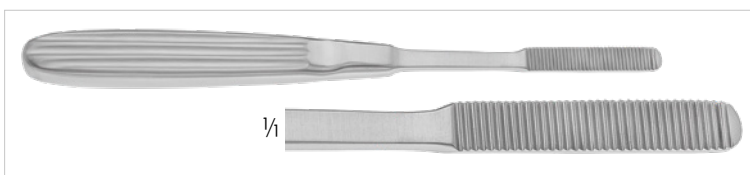


420-654-180 auf Zug/backward cutting

420-657-180 auf Druck/forward cutting

ORIGINAL MALTZ

Nasenraspel, gerade, 180 mm
Nasal rasp, straight, 7 inch



420-655-180

MCINDOE

Nasenraspel, auf Zug, gerade, 180 mm
Nasal rasp, backward cutting, 7 inch



420-756-180

BARSKY-GLABELLA

Nasenraspel, auf Zug, gerade, 175 mm
Nasal rasp, backward cutting, 7 inch



260-500-001

Reinigungsbürste für TC Raspeln
Cleaning brushes for TC rasps



420-700-400

NOLST TRENIÉ

Glabella Raspel, 8mm breit, 185mm

Glabella Rasp, 8mm wide, 185mm



420-700-501

medium

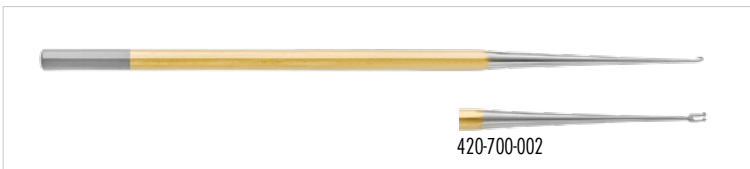
420-700-502

medium/fine

NOLST TRENIÉ

Nasen Raspel, doppelendig, TC Einsätze, 200mm

Nasal Rasp, double ended, TC Inserts, 200mm



420-700-001

1 Zahn / 1 prong

420-700-002

2 Zähne / 2 prongs

NOLST TRENIÉ

Mikro Hauthäkchen, 155mm

Micro Skin Hook, 155mm



420-700-210

NOLST TRENIÉ

Mikro Hauthäkchen, 2 Zähne, 10mm breit

Micro Skin Hook, 2 prongs, 10mm wide



420-700-200

NOLST TRENIÉ

Aufricht Nasen Retraktor, 160mm

Aufricht Nasal Retractor, 160mm



420-700-020

2.0mm

420-700-025

2.5mm

420-700-030

3.0mm

420-700-040

4.0mm

420-700-060

6.0mm

NOLST TRENIÉ

Mikro Osteotom

Micro Osteotome



420-700-022 2.2mm
420-700-023 3.0mm
420-700-024 4.0mm

NOLST TRENIÉ

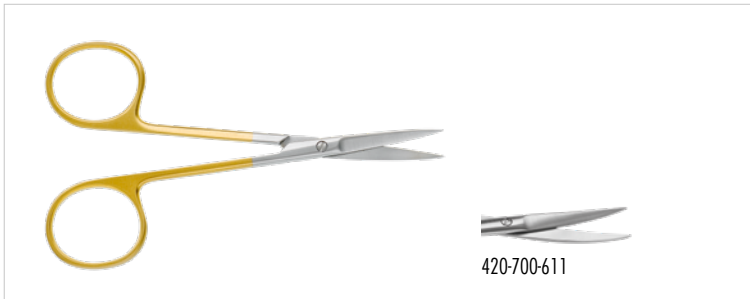
Mikro Osteotom mit Schutz
Micro Osteotome with guard



420-700-100 10mm
420-700-120 12mm
420-700-140 14mm
420-700-160 16mm
420-700-180 18mm

NOLST TRENIÉ

Osteotom
Osteotome



420-700-610 gerade / straight
420-700-611 gebogen / curved

NOLST TRENIÉ

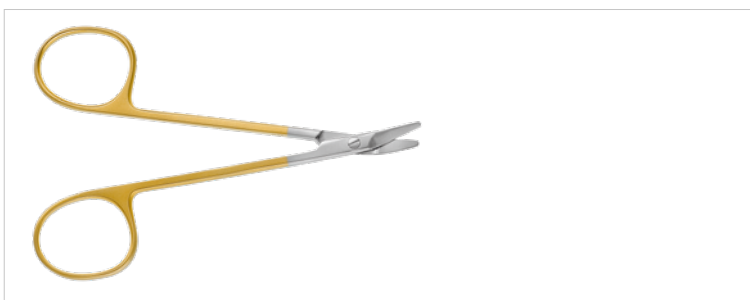
Rhinoplastik Schere, spitz 100mm
Rhinoplasty Scissors, sharp, 100mm



420-700-340

NOLST TRENIÉ

Plastik Schere, Kilner Ausführung, 140mm
Dissecting Scissors, Kilner type, 140mm



420-700-620

NOLST TRENIÉ

Gewinkelte Schere, Walter Ausführung, 100mm
Angled Scissors, Walter type, 100mm

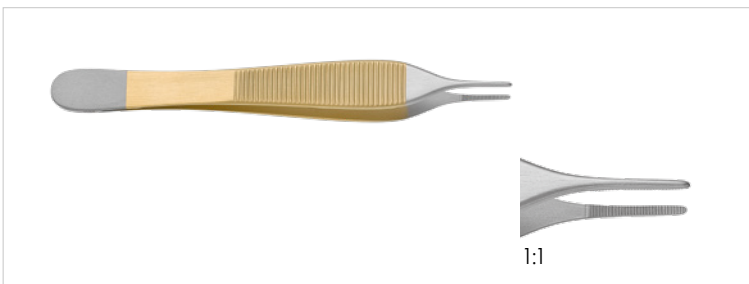


420-700-630

NOLST TRENIÉ

Chirurgische Pinzette mit seitlichen Zähnen, Adson-Brown Ausführung, 120mm

Tissue Forceps, side grasping teeth, Adson-Brown type, 120mm

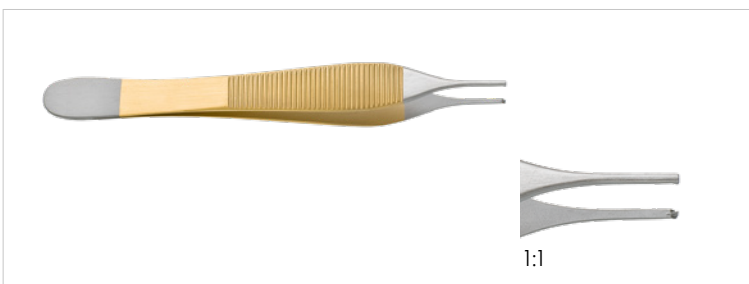


420-700-640

NOLST TRENIÉ

Anatomische Pinzette, Adson-Ausführung, 120mm

Dressing Forceps, Adson type, 120mm



420-700-650

NOLST TRENIÉ

Chirurgische Pinzette, Adson-Ausführung, 120mm

Tissue Forceps, Adson type, 120mm



420-700-330

NOLST TRENIÉ

Nadelhalter mit TC Einsätzen, Hasley Ausführung, 130mm

Needle Holder, TC Inserts, Hasley Type, 130mm



420-700-700

NOLST TRENITÉ

Nasal Forceps, delicate, Blakesley type, 3.5mm, 85mm
 Nasenzange, zart, Blakesley-Ausführung, 3,5mm, 85mm



420-700-888

NOLST TRENITÉ

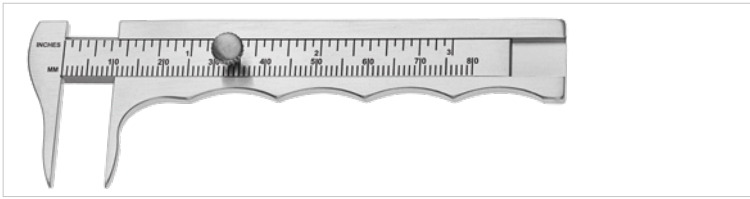
Hammer, Cottle Ausführung
 Mallet, Cottle type



420-700-777

NOLST TRENITÉ

Knorpelquetscher, Cottle Ausführung
 Cartilage Crusher, Cottle type



400-421-000

JAMESON

Zirkel mit Schlußschraube, graduert, 0 - 80 mm

Caliper with locking screw, graduated, 0 - 80 mm



400-420-100

THORPE

Zirkel, mit Schlußschraube, 0-80 mm

Caliper, with locking screw, 0-80 mm



400-583-005

0 - 15 mm, 70mm

400-583-007

0 - 20 mm, 85mm

400-583-008

0 - 40 mm, 180mm

CASTROVIEJO

Hautmeßzirkel

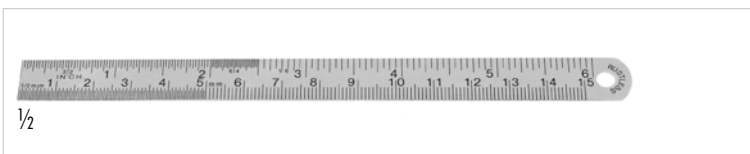
Caliper

400-583-009

CASTROVIEJO

Hautmeßzirkel, Meßbereich 0 - 20 mm, gebogene Spitze, 70mm

Caliper, measuring range 0 - 20 mm, curved tip, 2 3/4 inch

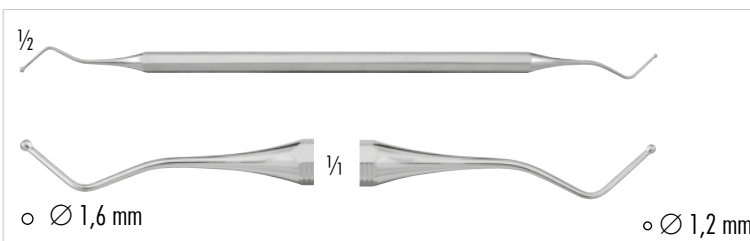


100-418-150 150mm, 6 inch

100-418-200 200mm, 8 inch

Lineal, mit mm und inch Markierung

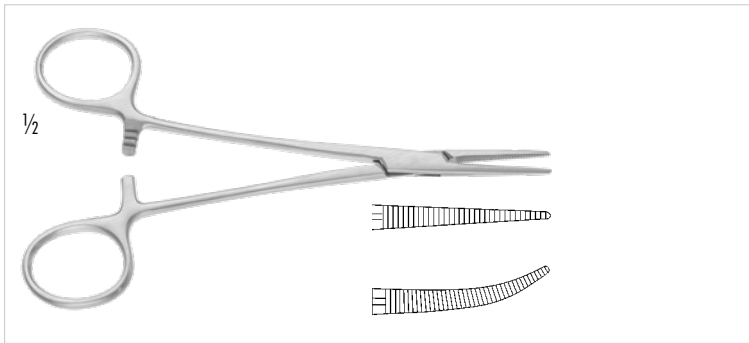
Ruler, with mm and inch markings



500-270-002

Tamponaden-Stopfer, doppelt, Ø 1,6/1,2 mm, 170 mm

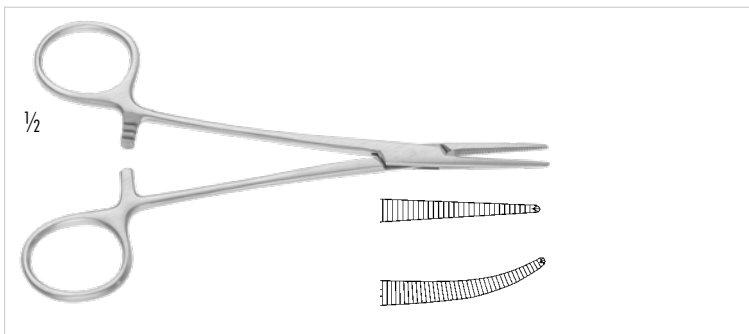
Dressing plugger, double-ended, Ø 1.6/1.2 mm, 6 3/4 inch



140-254-125 gerade/straight
140-255-125 gebogen/curved

HALSTED-MOSQUITO

Arterienklemme, 125 mm
Hemostatic forceps, 5 inch



140-256-125 gerade/straight
140-257-125 gebogen/curved

HALSTED-MOSQUITO

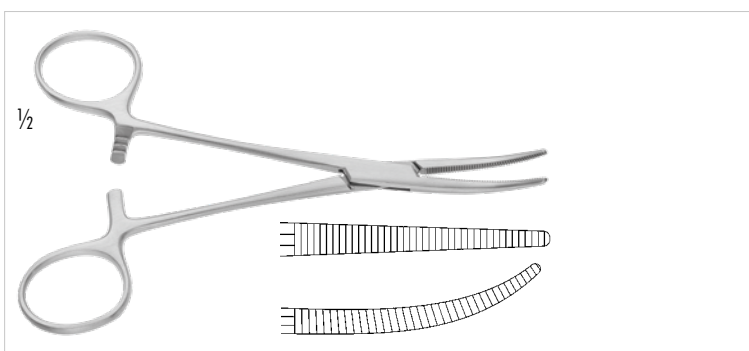
Arterienklemme, 1 x 2 Zähne, 125 mm
Hemostatic forceps, 1 x 2 teeth, 5 inch



140-280-140 gerade/straight
140-281-140 gebogen/curved

KELLY

Arterienklemme, gerieft, 140 mm
Hemostatic forceps, serrated, 5 1/2 inch



140-290-140 gerade/straight
140-291-140 gebogen/curved

CRILE (FRASER-KELLY)

Arterienklemme, 140 mm
Hemostatic forceps, 5 1/2 inch



165-855-020 3 ml
 165-855-050 5 ml
 165-855-100 10 ml
 Spritze komplett
 Syringe complete



165-856-020 3 ml
 165-856-050 5 ml
 165-856-100 10 ml
 Glaszylinder, allein
 Glas cylinder, only



252-005-170
 Tonsillenkanüle, gerade, mit LUER-Lock-Ansatz, 160 mm
 Tonsil needle, straight, with LUER-lock attachment, 6 1/4 inch



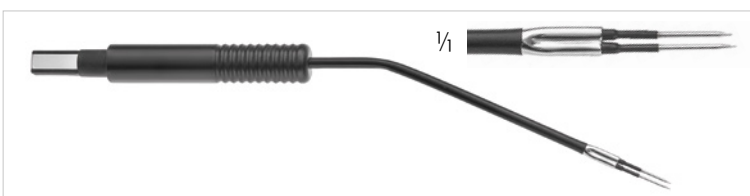
252-003-170
 Septumkanüle, abgewinkelt, mit LUER-Lock Ansatz, 160 mm
 Septum needle, angled, with LUER-lock attachment, 6 1/4 inch



252-004-170
 Tonsillenkanüle, abgewinkelte Spitze, mit LUER-Lock-Ansatz
 Tonsil needle, angled tip, with LUER-lock attachment



252-001-170
 Septumkanüle, bajonettförmig gebogen, mit LUER-Lock Ansatz, 100 mm
 Septum needle, bayonet-shaped, with LUER-lock attachment, 4 inch

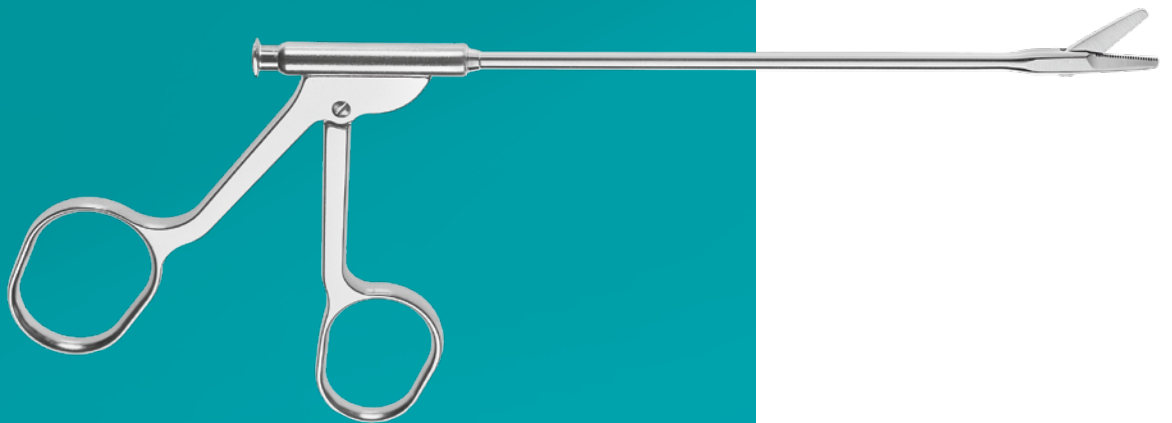


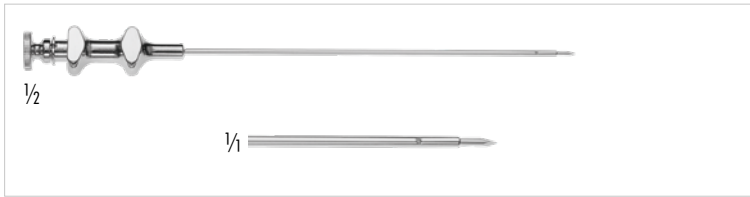
700-420-002
 Bipolar Elektrode für Nase, mit Flachstecker
 Bipolar Electrode for Nose, with flat plug



700-801-165
 Bipolare Pinzette kniegebogen, spitz, Flachstecker 165mm
 Bipolar Forceps angled, pointed, flat-plug square, 6 1/2 inch

SINUSCOPY

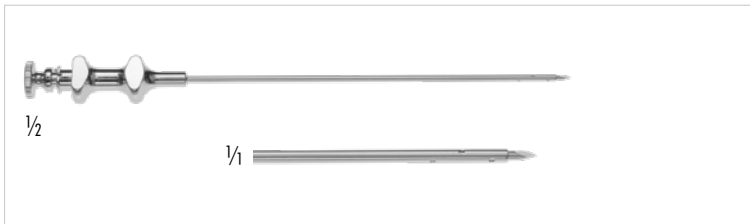




252-015-110 Ø 1,5 mm
252-020-110 Ø 2,0 mm

LICHTWITZ-BIER

Kieferhöhlenpunktionskanüle mit Luer-Ansatz, 100 mm
Antrum trocar needle, Luer attachment, 4 inch



252-115-110 Ø 1,5 mm
252-118-110 Ø 1,8 mm
252-120-110 Ø 2,0 mm
252-125-110 Ø 2,5 mm

EICKEN

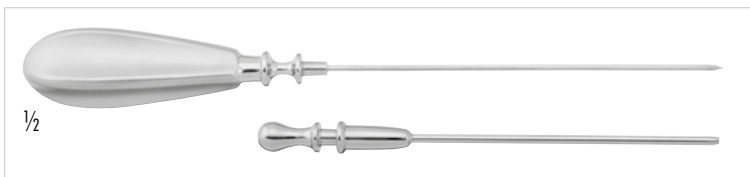
Kieferhöhlenpunktionskanüle mit Luer-Ansatz, 105 mm
Antrum trocar needle, Luer attachment, 4 inch



165-052-018

LICHTWITZ

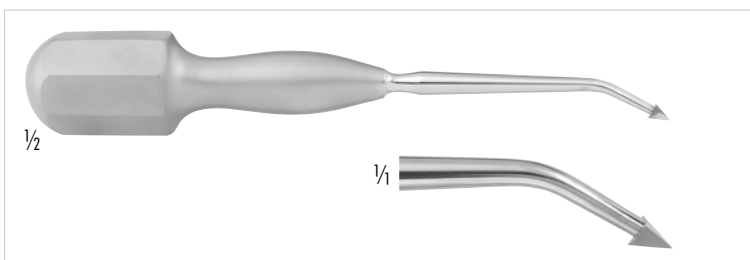
Kieferhöhlentrokcar, Ø 1,8 mm, 180 mm, Arbeitslänge: 85 mm
Antrum trocar, Ø 1.8 mm, 7 inch, working length: 3 1/2 inch



165-152-017 Ø 1,7 mm 165-152-023 Ø 2,3 mm
165-152-020 Ø 2,0 mm 165-152-027 Ø 2,7 mm

TILLEY LICHTWITZ

Kieferhöhlentrokcar, 185 mm
Antrum trocar, 7 1/4 inch



165-059-170 Ø 4 mm

TILLEY

Harpunentrokcar, 170 mm
Harpoon trocar, 6 3/4 inch



- 252-025-150 außen Ø 2,5 mm/outer Ø 2.5 mm
 252-025-151 außen Ø 3,0 mm/outer Ø 3.0 mm
 252-025-152 außen Ø 4,0 mm/outer Ø 4.0 mm

EICKEN

Kiefernhöhenspülröhrchen, leicht gebogen, mit zentraler Öffnung und Luer-Ansatz, 130 mm
 Irrigating antrum cannula with central opening, slightly curved, Luer attachment, 5 1/8 inch



- 252-125-150 außen Ø 2,5 mm/outer Ø 2.5 mm
 252-125-151 außen Ø 3,0 mm/outer Ø 3.0 mm
 252-125-152 außen Ø 4,0 mm/outer Ø 4.0 mm

EICKEN

Kiefernhöhenspülröhrchen, stark gebogen, mit zentraler Öffnung und Luer-Ansatz, 140 mm
 Irrigating antrum cannula with central opening, strong curved, Luer attachment, 5 1/2 inch



- 252-225-150 außen Ø 2,5 mm/outer Ø 2.5 mm
 252-225-151 außen Ø 3,0 mm/outer Ø 3.0 mm
 252-225-152 außen Ø 4,0 mm/outer Ø 4.0 mm

EICKEN

Antrum Kanüle, stark gebogen, mit Stoploch im Griff, Arbeitslänge: 150 mm
 Antrum Cannula, strong curved, with cut-off hole, working length: 6 inch



- 252-325-150 außen Ø 2,5 mm/outer Ø 2.5 mm
 252-325-151 außen Ø 3,0 mm/outer Ø 3.0 mm
 252-325-152 außen Ø 4,0 mm/outer Ø 4.0 mm

EICKEN

Antrum Kanüle, leicht gebogen, mit Stoploch im Griff Arbeitslänge: 150 mm
 Antrum Cannula, slightly curved, with cut-off hole, working length: 6 inch



- 252-425-150 außen Ø 2,5 mm/outer Ø 2.5 mm
 252-425-151 außen Ø 3,0 mm/outer Ø 3.0 mm
 252-425-152 außen Ø 4,0 mm/outer Ø 4.0 mm

EICKEN

Antrum Kanüle, leicht gebogen, biegsam, Arbeitslänge: 150 mm
 Antrum Cannula, slightly curved, malleable, working length: 6 inch

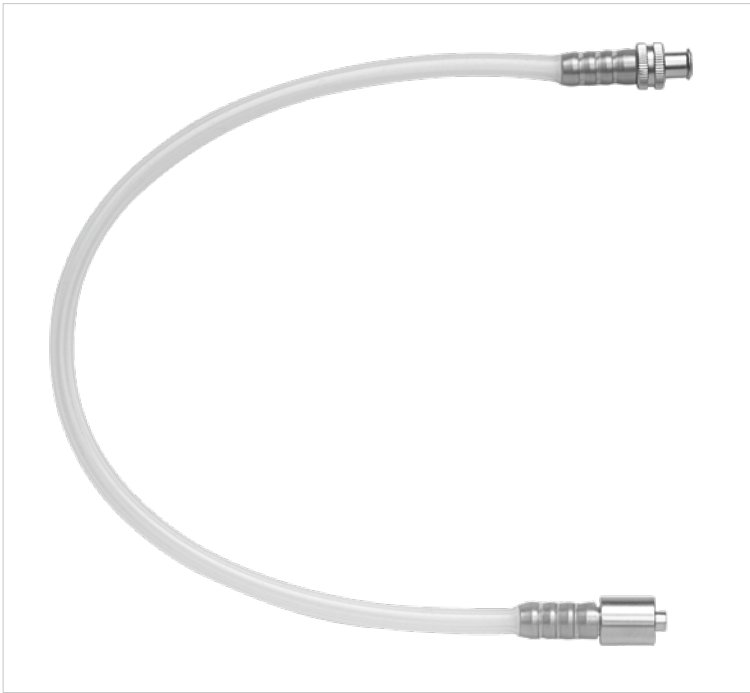


165-072-025 Ø 2,5 mm

SIEBENMANN

Kiefernhöhlenspülröhrchen, mit der Öffnung am äußeren Biegeradius, stumpf, 130 mm

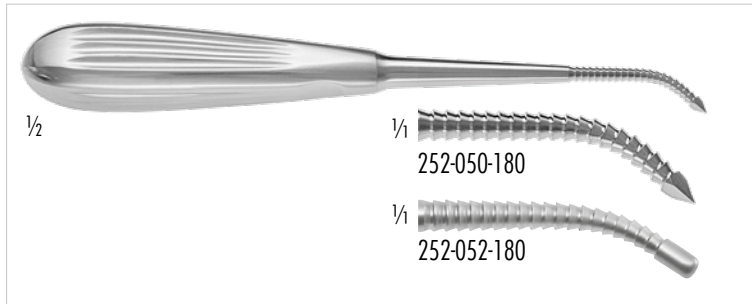
Irrigation antrum cannula, with outside opening, blunt, 5 1/8 inch



165-076-300

Spülschlauch, Silikon, autoklavierbar, komplett mit LUER-Lock Adapter, 300 mm

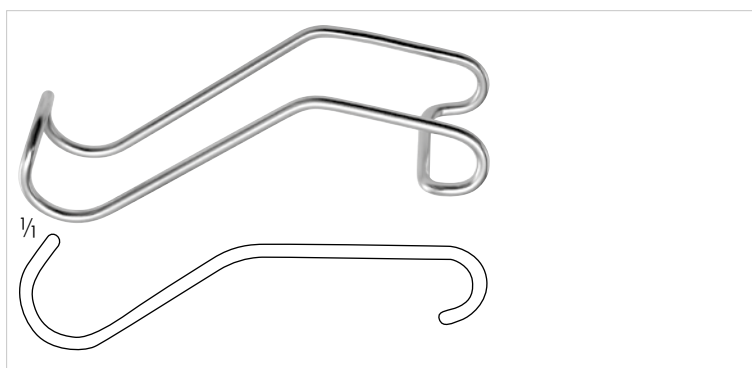
Irrigation tube, silicone, autoclavable, complete with LUER-Lock attachment, 12 inch



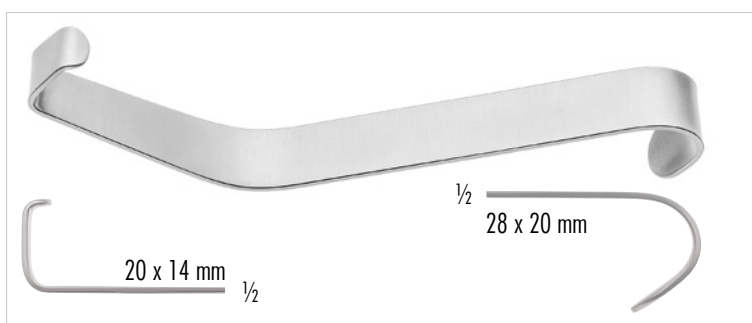
252-050-180 spitz / sharp
 252-052-180 stumpf / blunt
 Kieferhöhlen Trephine, amerikanisches Modell, 180 mm
 Antrum trephine, American pattern, 7 inch



252-053-170
FAULKNER
 Kieferhöhlenmeissel, 170 mm
 Antrum Chisel, 6 3/4 inch



430-301-120 120 mm, 4 3/4 inch
 430-301-130 140 mm, 5 1/2 inch
 430-301-135 160 mm, 6 1/4 inch
STERNBERG
 Wangenhalter
 Cheek retractor



170-285-165
HAJEK
 Wundhaken, 180 mm
 Wound retractor, 7 inch



170-293-001 30 x 11 mm
LANGENBECK
 Wundhaken, 220 mm
 Wound retractor, 8 3/4 inch



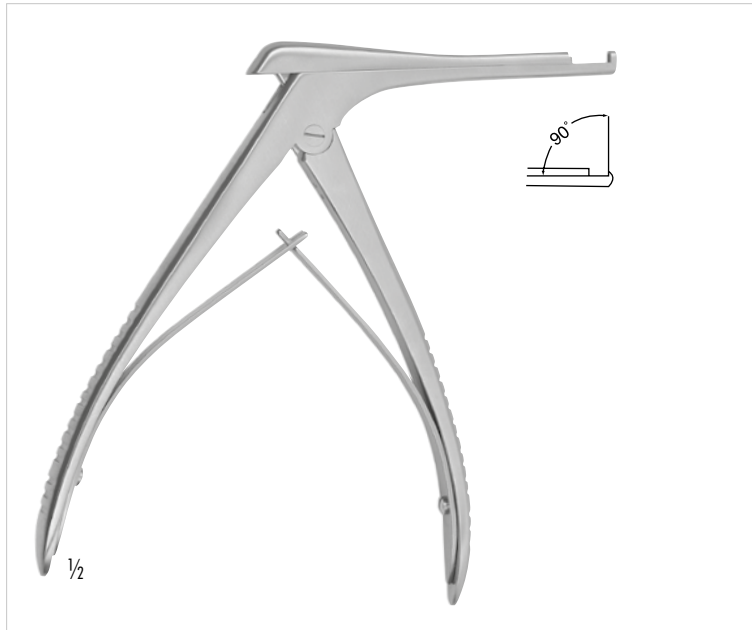
252-500-175 3mm Ausschnitt/bite
 252-499-175 2mm Ausschnitt/bite
 Stirnhöhlenstanze, 70° im Schaft aufgebogen,
 40° nach oben vorwärts schneidend, Arbeitslänge: 140mm
 Frontal Sinus Punch Forceps, sheath 70° upturned,
 40° upbiting forward, working length: 5½ inch



252-150-110
 Antrum Stanze, 65° vorwärts schneidend,
 3,5 x 3,7mm Schnitt
 Antrum Punch, 65° forward biting,
 3.5 x 3.7mm bite



252-151-110
 Antrum Stanze, 30° aufgebogen
 Antrum Punch, 30° upwards curved

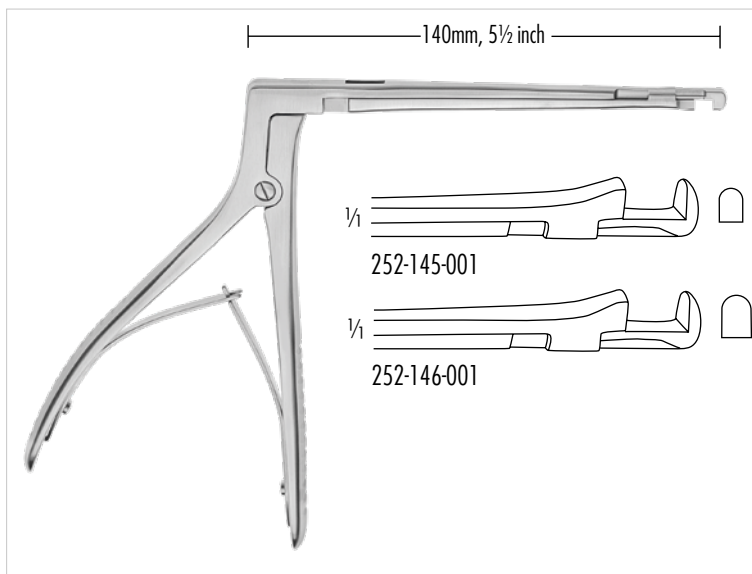


252-200-095 2 mm Schnitt / 2 mm bite
BEYER

Kieferhöhlenstanze, Arbeitslänge: 95 mm
Antrum Punch, working length: 3 3/4 inch

252-200-195

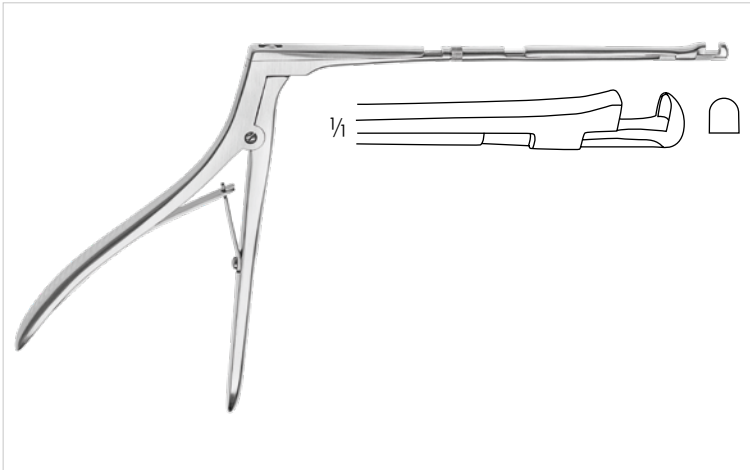
Dito, retrograd schneidend
Same, backward cutting



252-145-001 nach oben/upbiting
252-145-002 nach unten/downbiting
252-145-003 nach oben, rückwärts/upbiting, backward
252-145-004 nach unten, rückwärts/downbiting, backward
252-145-005 nach oben, vorwärts/upbiting, forward
252-146-001 nach oben/upbiting, 4.5 x 4.5 mm

HAJEK-KOFLER

Stanze, 3,5 x 3,5 mm, 140 mm
Punch, 3.5 x 3.5 mm, 5 1/2 inch



252-535-170 3,5 mm

HAJEK-KOFLER

Stanze, drehbar 360°, Arbeitslänge: 170 mm

Punch, rotating 360°, working length: 6 3/4 inch



252-147-170

CITELLI

Knochenstanze, 1,5 mm, durchschneidend, Arbeitslänge: 170 mm

Bone punch, 1.5 mm, through cutting, working length: 6 3/4 inch



252-148-170

BEYER

Knochenstanze, 2,0 mm, durchschneidend, Arbeitslänge: 170 mm

Bone punch, 2.0 mm, through cutting, working length: 6 3/4 inch



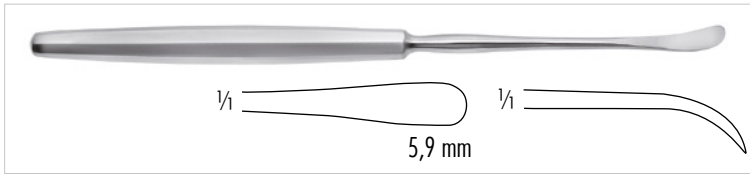
252-149-172 nach oben / upbiting

252-149-272 nach unten / downbiting

KERRISON

Knochenstanze, 2,0 mm, Arbeitslänge: 180 mm

Bone punch, 2.0 mm, working length: 7 inch



420-549-200 6 mm

SEWALLKieferhöhlen Elevator, stumpf, 200 mm
Antrum elevator blunt, 8 inch

252-009-000 4.5 mm Spitze / tip

252-009-001 6.5 mm Spitze / tip

FREERElevator, doppelendig, scharf/stumpf, 200 mm
Elevator, double-ended, sharp/blunt, 7 3/4 inch

252-025-210

KUHN-BOLGERDoppelinstrument, rechts abgewinkelter Haken, 210 mm
Double-instrument, hook angled to the right, 8 1/4 inch

252-025-190

Doppelinstrument zum Sondieren d. Ostium, kugelförmige
Enden 1,2 mm / 2,0 mm, 210 mm

Ostium probe, double-ended ball probe: 1.2mm / 2.0 mm, 8 1/4 inch



252-205-190 spitz/sharp

252-215-190 stumpf/blunt

Sichelmesser, spitz, 200 mm

Sickle knife, sharp, 7 3/4 inch



252-071-190 Gr. 1

252-082-190 Gr. 2

252-093-190 Gr. 3

Kieferhöhlenlöffel, oval, 200 mm

Antrum spoon, oval, 7 3/4 inch



252-171-190 rund, 45° gebogen/round, 45° curved

252-182-190 oval klein, gebogen/oval small, curved

252-193-190 oval groß, 30° gebogen/oval large, 30° angled

Kieferhöhlenlöffel, 200mm

Antrum spoon, 7 3/4 inch



252-027-190

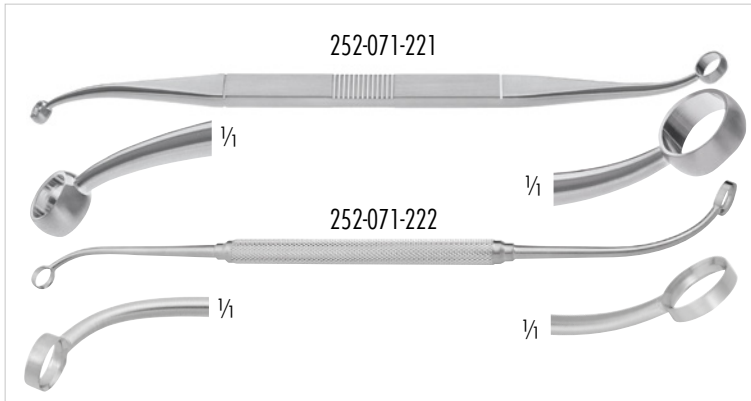
Doppelkürette, oval, kurz gebogen 45°, halbscharf: 2,2 mm,
andere Seite: 90° lang gebogen, 2,7 mm, 190 mmCurette, double-ended, oval, short curve 45°, semi-sharp: 2.2 mm
Other side: 90° long curve: 2.7 mm, 7 1/2 inch

252-071-220

FAULKNER

Kieferhöhlenkürette, 220 mm

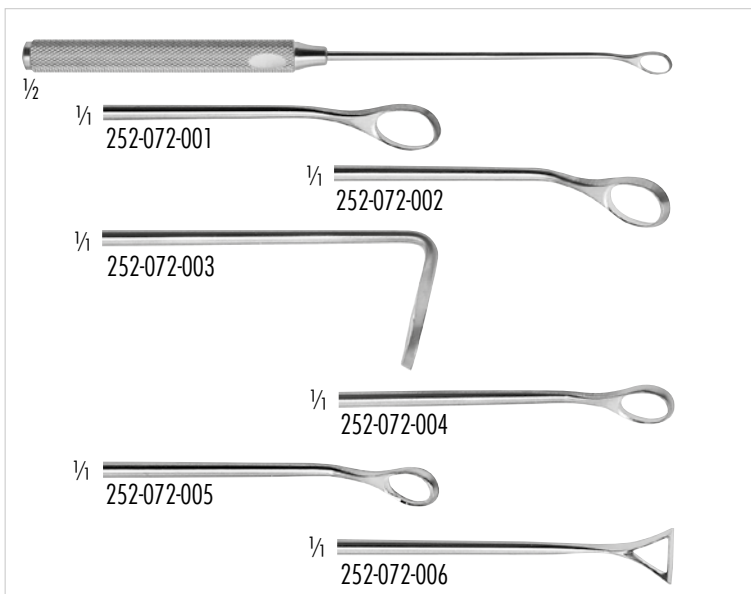
Antrum curette, 8 1/2 inch



- 252-071-221 klein, Ringgröße 5 x 8 mm
small, ringsize 5 x 8 mm
- 252-071-222 groß, Ringgröße 6 x 9 mm
large, ringsize 6 x 9 mm

FAULKNER

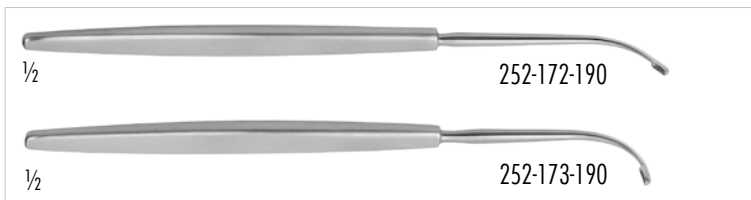
Kieferhöhlenkürette, biegsam, 220 mm
Antrum curette, malleable, 8 3/4 inch



- 252-072-001 Fig. 1
252-072-002 Fig. 2
252-072-003 Fig. 3
252-072-004 Fig. 4
252-072-005 Fig. 5
252-072-006 Fig. 6

COAKLEY

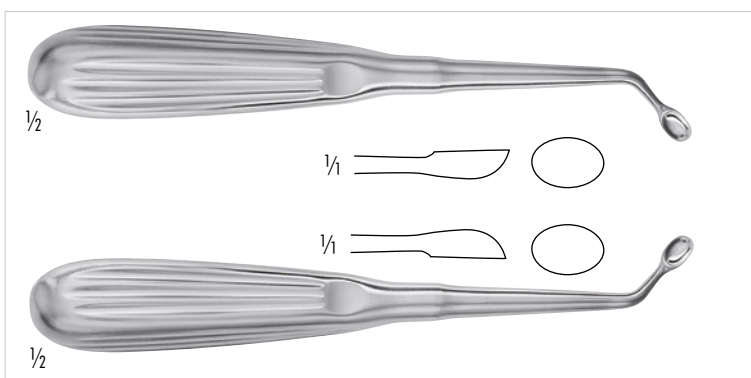
Kieferhöhlenkürette, 170 mm
Antrum curette, rigid shank, 6 3/4 inch



- 252-172-190 55° gebogen/curved
252-173-190 90° gebogen/curved

KUHN-BOLGER

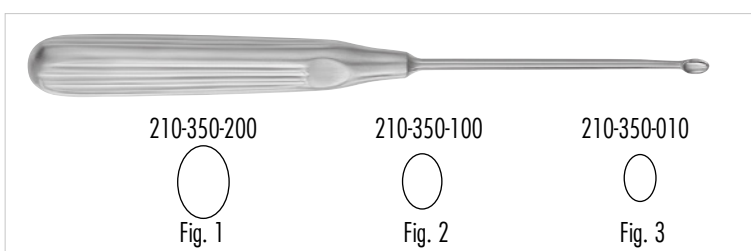
Kieferhöhlenlöffel, 190 mm
Antrum spoon, 7 1/2 inch



- 210-345-007 rechts gebogen/right curved
210-347-007 links gebogen/left curved

UFFENORDE

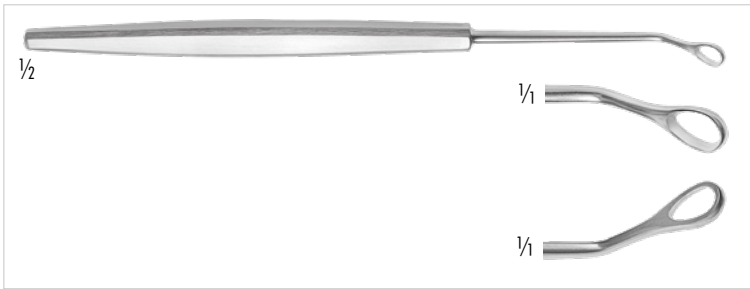
Kieferhöhlenlöffel, 170 mm
Antrum spoon, 6 3/4 inch



- 210-350-200 4,8 mm Fig. 1
210-350-100 5,8 mm Fig. 2
210-350-010 6,8 mm Fig. 3

HALLE

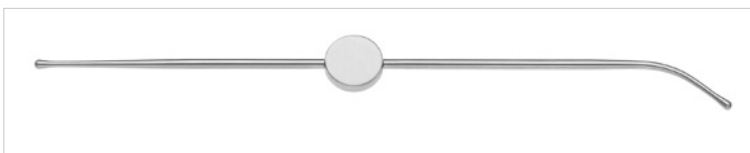
Scharfe Löffel, biegsam, 210 mm
Antrum spoon, malleable, sharp, 8 1/4 inch



252-113-190 vorwärts schneidend/forward cutting
 252-114-190 rückwärts schneidend/backward cutting
COAKLEY
 Kieferhöhlenkürette, klein, 200 mm
 Antrum curette, small, 7 3/4 inch



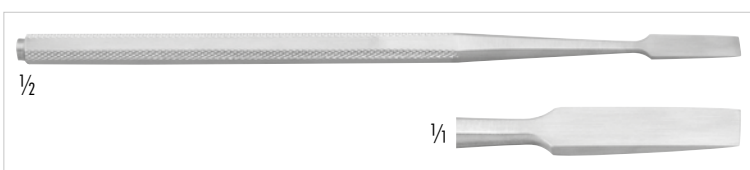
252-072-245
HALLE
 Kieferhöhlenkürette, 200 mm
 Antrum curette, 7 3/4 inch



252-073-200
 Kieferhöhlensonde, 200 mm
 Antrum probe, 7 3/4 inch



252-140-190 4 mm
WEST
 Hohlmeißel, 190 mm
 Gouge, 7 1/2 inch



252-040-190 4 mm
WEST
 Flachmeißel, 190 mm
 Chisel, 7 1/2 inch



252-041-012 12 mm
 252-041-017 17 mm
 Spatel, biegsam, 200 mm
 Spatula, malleable, 7 3/4 inch



252-042-235
 Orbitalschützer, 235 mm
 Orbital protector, 9 1/4 inch



252-043-025 Ø 2,5 mm
 252-043-030 Ø 3,0 mm
 252-043-040 Ø 4,0 mm
 252-043-050 Ø 5,0 mm

RITTER

Stirnhöhrendilatator, 160 mm
 Frontal sinus bougies, 6 1/4 inch



165-525-006 6 Charr./Fr.
 165-525-007 7 Charr./Fr.
 165-525-008 8 Charr./Fr.
 165-525-010 10 Charr./Fr.
 165-525-012 12 Charr./Fr.

FERGUSSON

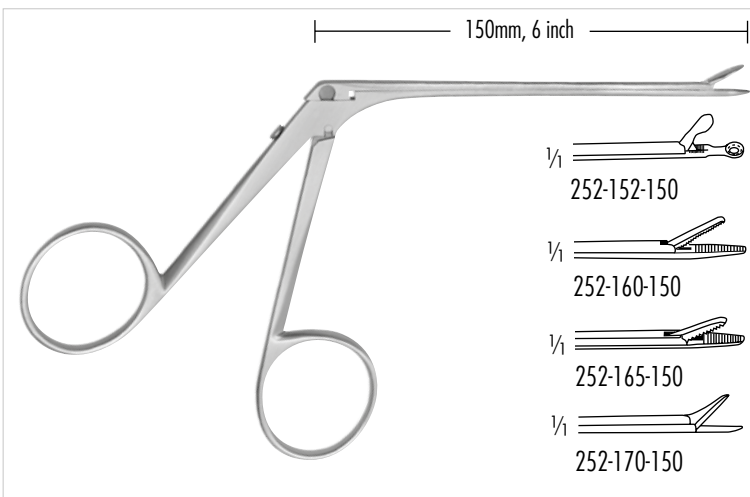
Saugkanüle, 180 mm
 Suction tube, 7 inch



252-025-180

FISCH

Saug-Spülrohr, 2,5 x 2,0 mm, 180 mm
 Suction-Irrigation tube, 2.5 x 2.0mm, 7 inch



252-152-150 Ø 2,0 mm

Löffelzängchen, runder Löffel
 Cupped forceps, round cup

252-160-150

Faßzängchen, fein gerieft
 Grasping forceps, fine serrations

252-165-150

Faßzängchen, grob gerieft
 Grasping forceps, coarse serrations

252-170-150

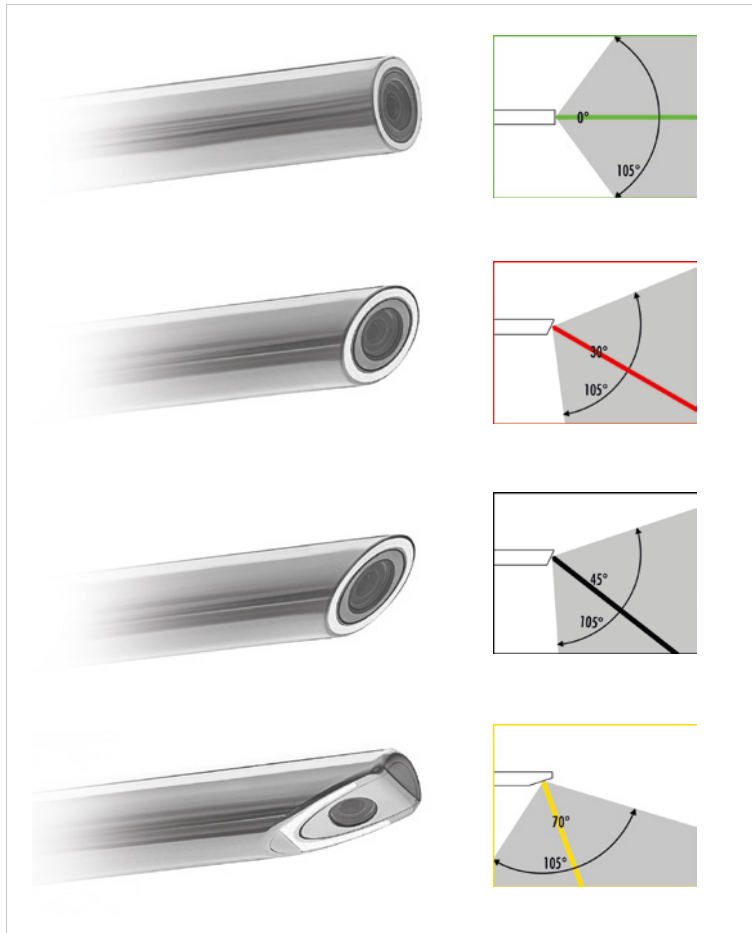
Scherchen
 Scissors

FULL HD

Colour coding of degree:

Farbliche Kennzeichnung der Gradzahl:

● 0° ● 30° ● 45° ● 70°



- Removable eyepiece for C-mount connection or RZ QuickSnap locking
- 3-step light post adaptors to connect the most common light cables directly to the endoscope
- Sapphire glasses ensure highest stability against damages on the lens system
- Optimised glass fibre arrangements ensure an uniform image brightness of highest quality
- Full HD high definition pictures with increased detail-resolution through newest CAD-designed rod-lens systems
- Fully Autoclavable at 134°C and 2.3bar
- Abnehmbares Okular für C-Mount-Anschluss oder RZ QuickSnap-Verschluss
- 3-Stufen-Adapter zum Anschluss der gängigsten Lichtkabel, direkt am Endoskop anschließbar
- Saphirgläser sorgen für höchste Stabilität gegen Beschädigungen am Linsensystem
- Optimierte Glasfaseranordnungen sorgen für eine gleichmäßige Bildhelligkeit von höchster Qualität
- Full HD hochauflösende Bilder mit erhöhter Detailauflösung durch neueste CAD-konstruierte Stablinsensysteme
- Vollständig autoklavierbar bei 134°C und 2,3bar



252-104-200 0°

252-104-230 30°

252-104-270 70°

Sinuskopie-Optiken, Kinder, autoklavierbar, 4,0 mm, 110 mm

Sinusscopes, pediatric, autoclavable, 4.0 mm, 4 1/3 inch

252-127-200 0°

252-127-230 30°

Sinuskopie-Optiken, Kinder, autoklavierbar, 2,7 mm, 110 mm

Sinusscopes, pediatric, autoclavable, 2.7 mm, 4 1/3 inch



252-104-000 0°

252-104-030 30°

252-104-045 45°

252-104-070 70°

Sinuskopie-Optiken, autoklavierbar, 4,0 mm, 180 mm

Sinusscopes, autoclavable, 4.0 mm, 7 inch

252-127-000 0°

252-127-030 30°

252-127-070 70°

Sinuskopie-Optiken, autoklavierbar, 2,7 mm, 180 mm

Sinusscopes, autoclavable, 2.7 mm, 7 inch



300-090-100

Schutzhülse, für 2,7 mm und 4,0 mm Optiken, 190 mm

Bestelleinheit: PH=Packung á 10 Stück

Protection tube, for 2.7 mm and 4.0 mm telescopes, 7 1/2 inch

Sales unit: PH=Package of 10 pieces



251-104-001 für 4 mm Optik / for 4 mm telescopes

251-127-001 für 2,5 mm Optik / for 2.7 mm telescopes

Optik Handgriff, flach, 120 mm

Telescope handle, flat, 4 3/4 inch

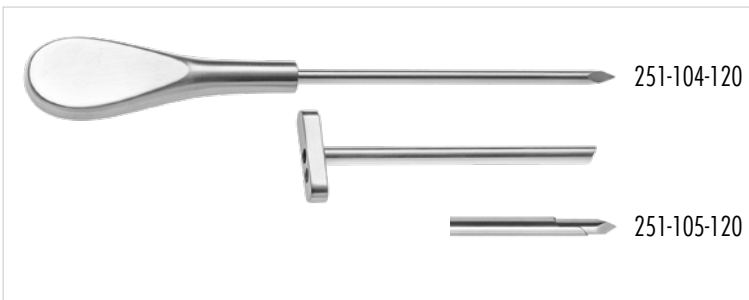


251-104-002 für 4 mm Optik / for 4 mm telescopes

251-127-002 für 2,5 mm Optik / for 2.7 mm telescopes

Optik Handgriff, rund, 120 mm

Telescope handle, round, 4 3/4 inch



251-104-120 schräges Schaftende/oblique sheath end

251-105-120 Duckbill Schaftende/Duckbill sheath end

251-127-120 für 2,7 mm Optik, 80 mm

for 2.7 mm telescope, 3 1/8 inch

Sinuskopie-Trokar und Trokarhülse für 4,0 mm Optik,

scharfer Trokar Ø 5,2 mm, 80 mm

Sinuscopy Trocar and Trocar sheath for 4.0 mm telescope,

sharp trocar Ø 5,2 mm, 3 1/8 inch



420-121-150 Fig. 1

420-122-150 Fig. 2

420-123-150 Fig. 3

HARTMANN-HALLE

Nasenspekulum, 155 mm

Nasal Specula, 6 inch



420-150-001 links/left 55mm, rechts/right 35mm

420-150-002 links/left 35mm, rechts/right 55mm

420-150-003 links/left 65mm, rechts/right 45mm

420-150-004 links/left 45mm, rechts/right 65mm

420-150-005 links/left 75mm, rechts/right 35mm

420-150-006 links/left 35mm, rechts/right 75mm

420-150-007 links/left 75mm, rechts/right 52mm

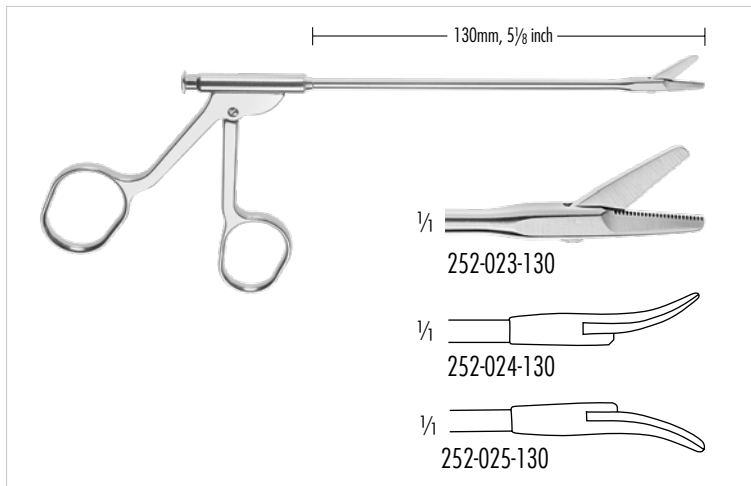
420-150-008 links/left 52mm, rechts/right 75mm

Sinus Spekula zur Verwendung mit flexiblen Spannarm,

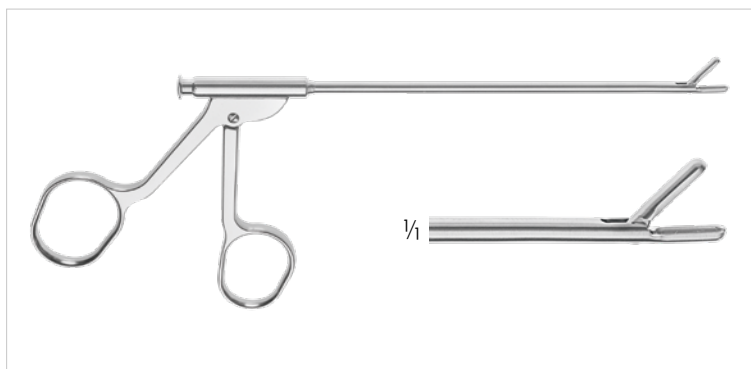
mit Zähnen, mit Stellschraube

Sinus Specula for use with flexible arm, with teeth,

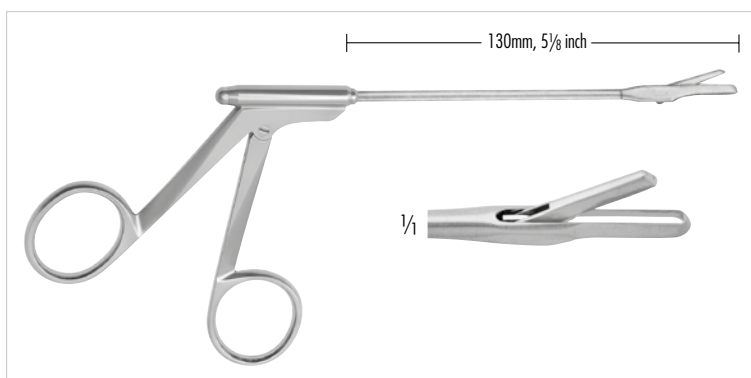
with set screw



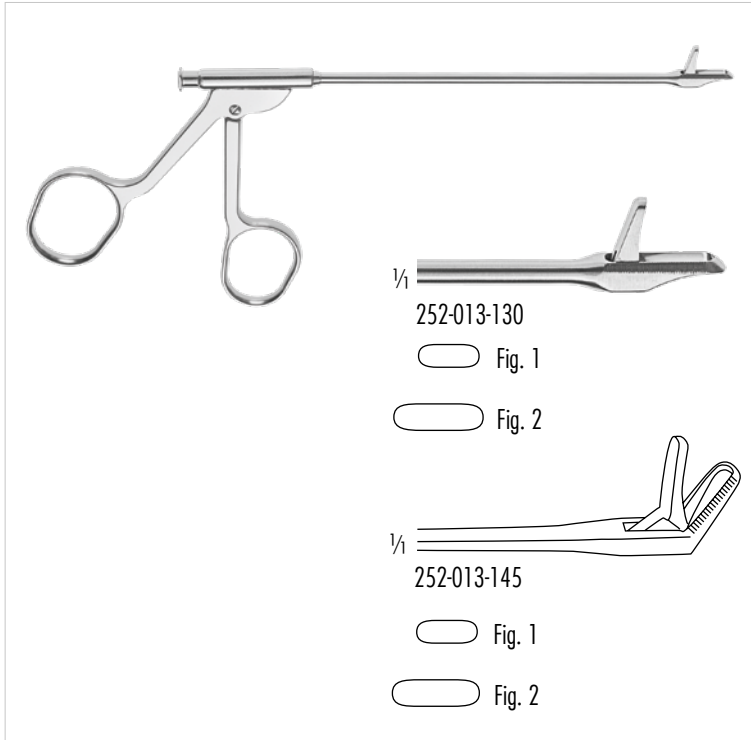
252-023-130 gerade/straight
 252-024-130 links gebogen/curved to left
 252-025-130 rechts gebogen/curved to right
 Nasenschere, 130 mm
 Nasal scissors, 5 1/8 inch



252-002-130
TAKAHASHI
 Siebbeinzange, 3x10 mm, 130 mm
 Ethmoidal forceps, 3x10 mm, 5 1/8 inch



252-003-130
STRUYCKEN
 Siebbeinzange, 130 mm
 Ethmoidal forceps, 5 1/8 inch



252-013-130 Fig. 1 8 x 3 mm
252-014-135 Fig. 2 11,5 x 3,5 mm

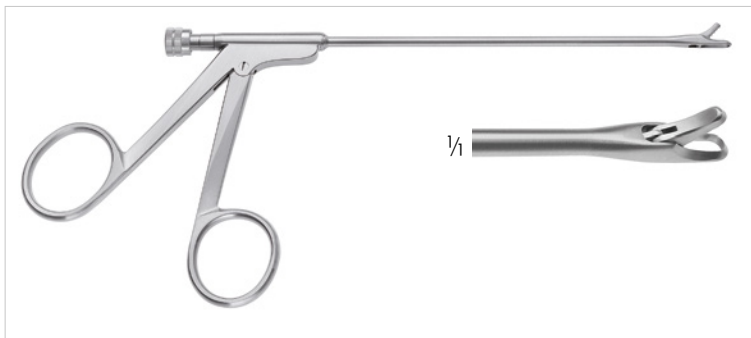
GRUENWALD-HENKE

Scharfe Nasenzange, durchschneidend, für glatten, gewebeschonenden Schnitt, extra zart, Arbeitslänge: 130 mm
Ethmoidal forceps, through cutting for clean soft tissue cut, straight, working length: 5 1/8 inch

252-013-145 Fig. 1 8 x 3 mm
252-014-145 Fig. 2 11,5 x 3,5 mm

GRUENWALD-HENKE

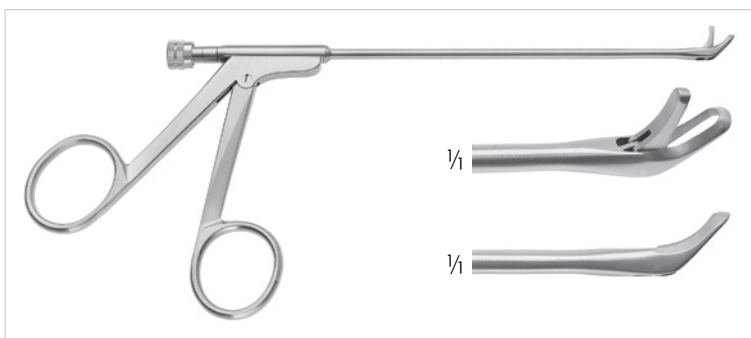
45° aufgebogen
45° upwards



252-206-000 Fig. 0 2 mm Schnitt/2 mm bite
252-206-001 Fig. 1 2,5 mm Schnitt/2.5 mm bite
252-206-002 Fig. 2 3 mm Schnitt/3 mm bite

DUCKBILL

Duckbill Punch, gerade, Arbeitslänge: 130 mm
Duckbill Punch, straight, working length: 5 1/8 inch



252-207-000 Fig. 0 2 mm Schnitt/2 mm bite
252-207-001 Fig. 1 2,5 mm Schnitt/2.5 mm bite
252-207-002 Fig. 2 3 mm Schnitt/3 mm bite

DUCKBILL

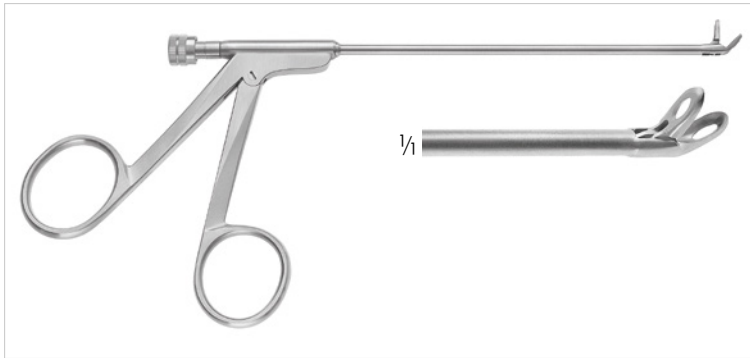
Duckbill Punch, aufwärts, Arbeitslänge: 130 mm
Duckbill Punch, upwards, working length: 5 1/8 inch



252-034-131 Größe 1/size 1 = 3 mm
252-034-132 Größe 2/size 2 = 3.5 mm
252-034-133 Größe 3/size 3 = 4 mm
252-034-134 Größe 4/size 4 = 5 mm
252-034-135 Größe 5/size 5 = 6 mm

BLAKESLEY

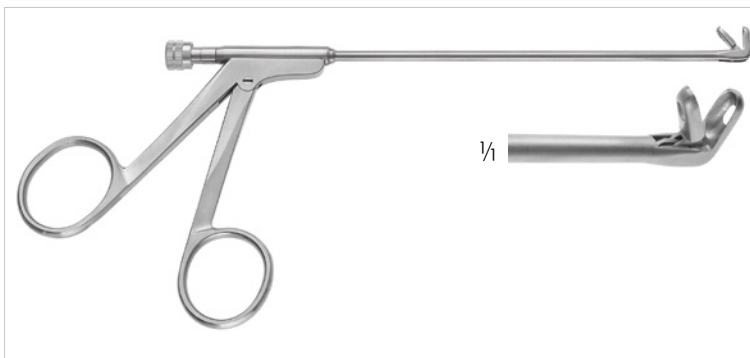
Nasenzange, gerade, 130 mm
Ethmoidal forceps, straight, 5 1/8 inch



- 252-035-131 Größe 1/size 1 = 3 mm
 252-035-132 Größe 2/size 2 = 3.5 mm
 252-035-133 Größe 3/size 3 = 4 mm
 252-035-134 Größe 4/size 4 = 5 mm
 252-035-135 Größe 5/size 5 = 6 mm

BLAKESLEY-WILDE

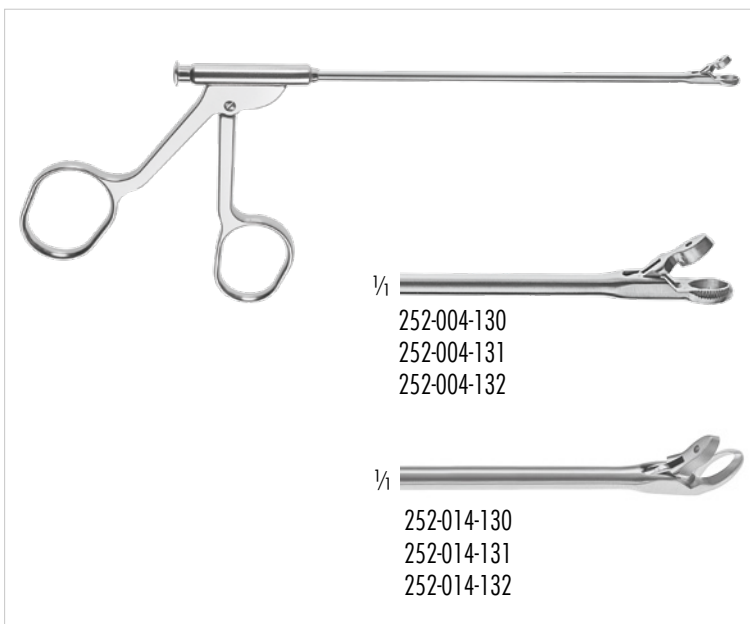
Nasenzange, 45° aufgebogen, 130 mm
 Ethmoidal forceps, 45° angled, 5 1/8 inch



- 252-037-131 Größe 1/size 1 = 3 mm
 252-037-132 Größe 2/size 2 = 3.5 mm
 252-037-133 Größe 3/size 3 = 4 mm

BLAKESLEY-WILDE

Nasenzange, 90° aufgebogen, 130 mm
 Ethmoidal forceps, 90° angled, 5 1/8 inch



- 252-004-130 Fig. 0 3 mm breit
 252-004-131 Fig. 1 3,5 mm breit
 252-004-132 Fig. 2 4,0 mm breit

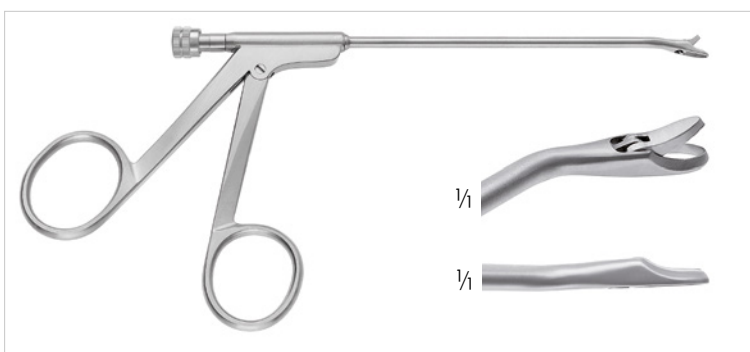
BLAKESLEY

Scharfe Nasenzange, durchschneidend, für glatten, gewebeschonenden Schnitt, gerade, 130 mm
 Ethmoidal forceps, through cutting for clean soft tissue cut, straight, 5 1/8 inch

- 252-014-130 Fig. 0 3 mm breit
 252-014-131 Fig. 1 3,5 mm breit
 252-014-132 Fig. 2 4,0 mm breit

BLAKESLEY

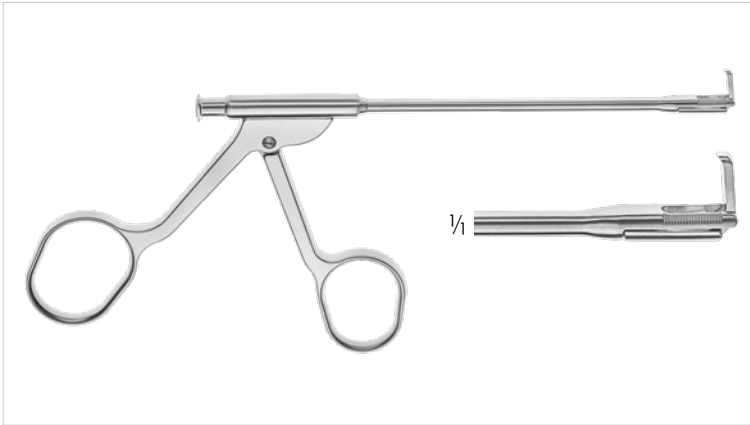
45° aufgebogen
 45° upwards



- 252-401-025 30° links gebogen/curved left
 252-403-025 30° rechts gebogen/curved right

BLAKESLEY

Nasenzange, durchschneidend, 2,5 mm Schnitt, Arbeitslänge: 115 mm
 Nasal Forceps, through cutting, 2.5 mm bite, working length: 4 1/2 inch

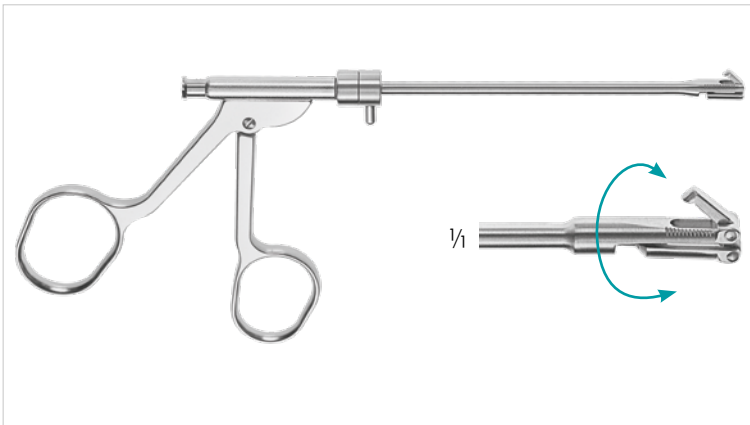


252-015-100 oben/upside
 252-115-100 rechts/right
 252-215-100 links/left

OSTROM

Kieferhöhlenstanze, 2,5 mm Schnitt, rückwärts schneidend,
 Arbeitslänge: 100 mm

Antrum punch, 2.5 mm cut, backward cutting,
 working length: 4 inch



252-315-100 drehbar, 360°/rotating, 360°

OSTROM

Kieferhöhlenstanze, rückwärts schneidend, 2,5 mm Schnitt,
 Arbeitslänge: 100 mm

Antrum punch, backward cutting, 2.5 mm cut,
 working length: 4 inch

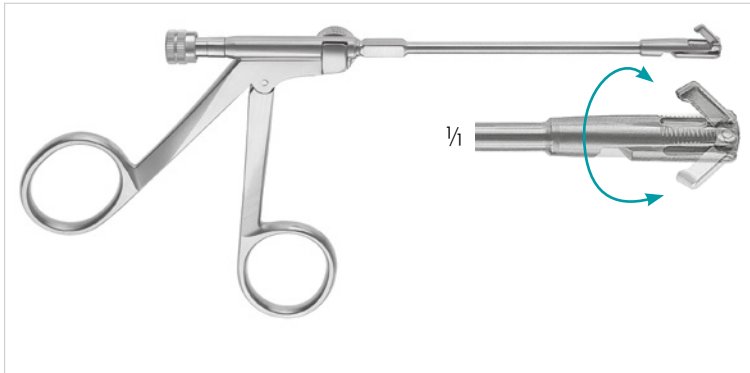


252-010-100 oben/upside
 252-110-100 rechts/right
 252-210-100 links/left

OSTROM

Kieferhöhlenstanze, kleines schlankes Modell, 1,5 mm Schnitt,
 rückwärts schneidend, Arbeitslänge: 100 mm

Antrum punch, small delicate pattern, 1.5 mm bite, backward cutting,
 working length: 4 inch

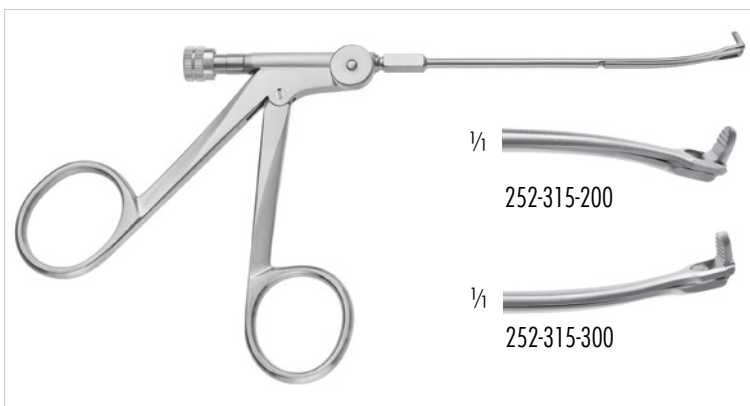


252-310-100 drehbar, 360°/rotating, 360°

OSTROM

Kieferhöhlenstanze, kleines schlankes Modell, 1,5 mm Schnitt
Arbeitslänge: 100 mm

Antrum punch, small delicate pattern, 1.5 mm bite,
working length: 4 inch



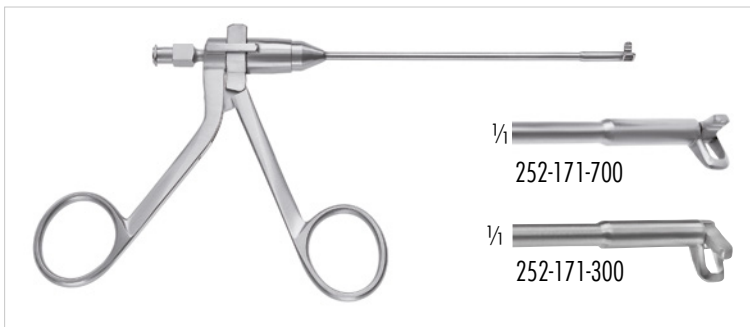
252-315-200 abgebogen/curved down

252-315-300 aufgebogen/curved up

OSTROM

Nasenzange, drehbar, kleiner Schnitt, Arbeitslänge: 100 mm

Ethmoidal forceps, rotating, micro bite, working length: 4 inch



252-173-700 links schneidend/left cutting

252-171-700 rechts schneidend/right cutting

252-171-300 nach rechts unten schneidend/

downward right cutting

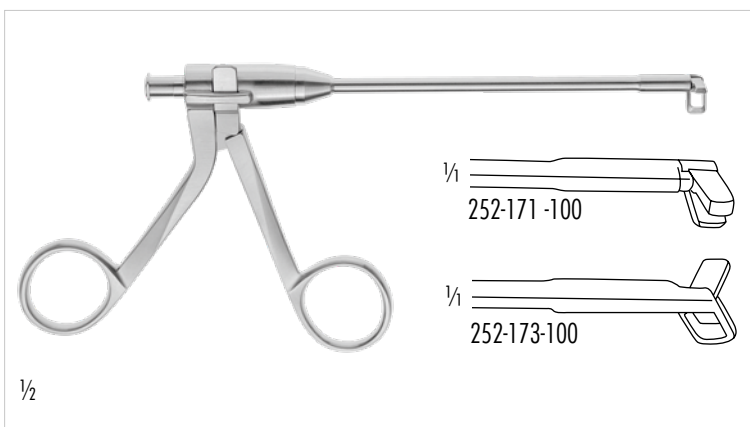
252-173-300 nach links unten schneidend/

downward left cutting

SIDECUTTER

Kieferhöhlenstanze, 2,5 mm Schnitt, Arbeitslänge: 100 mm

Antrum Punch, 2.5 mm bite, working length: 4 inch



252-171-100 nach rechts unten schneidend

downward right cutting

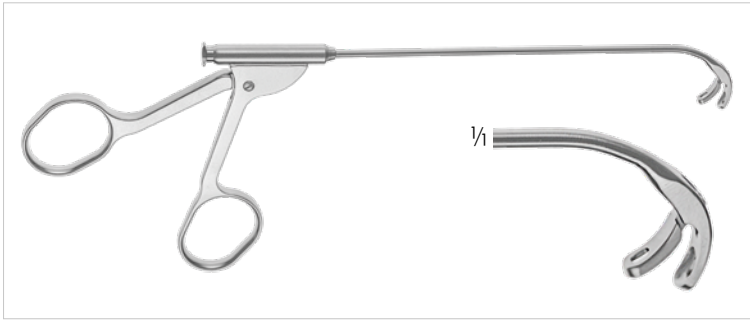
252-173-100 nach links unten schneidend

downward left cutting

SIDECUTTER

Kieferhöhlenstanze, 3,5mm Schnitt, Arbeitslänge: 100 mm

Antrum punch, 3.5mm cut, working length: 4 inch

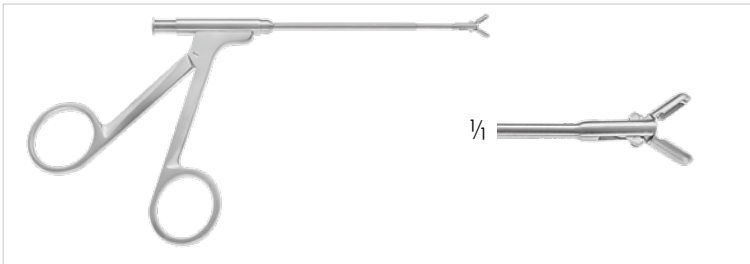


252-410-112

HEUWIESER

Kieferhöhlen-Faßzange, 90° gebogen, bis 120° rückwärts öffnend, Arbeitslänge: 130 mm

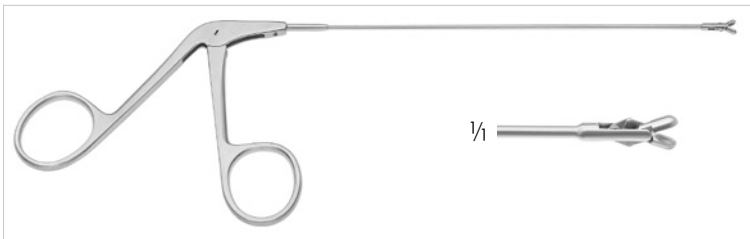
Antrum grasping forceps, 90° curved, 120° backward opening, working length: 5 inch



252-503-090

Biopsie- und Faßzange, ovaler Löffel, 3x6mm, 89mm Arbeitslänge

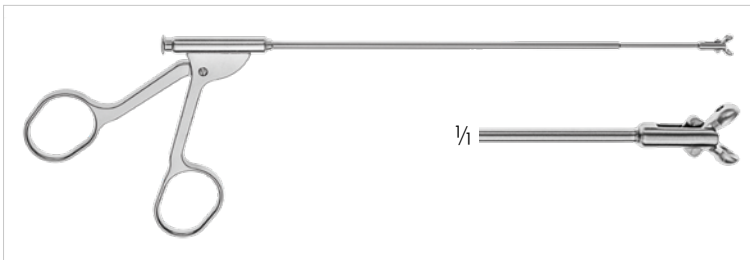
Biopsy and Grasping forceps, 3x6mm oval cup, 89mm working length



252-503-140

Probexcisions- und Faßzange, extra fein, mit ovalem Löffel 3 mm, 140 mm

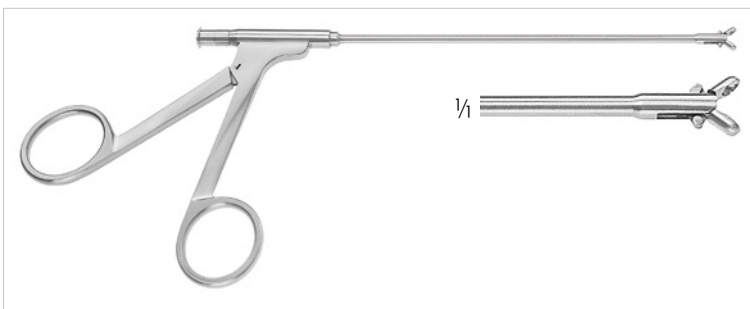
Biopsy and Grasping forceps, delicate pattern, 3 mm oval cup, 5 1/2 inch



252-174-180

Probexcisions- und Faßzange, Schaftende biegsam, 4 mm Löffel, vertikal öffnend, 180 mm

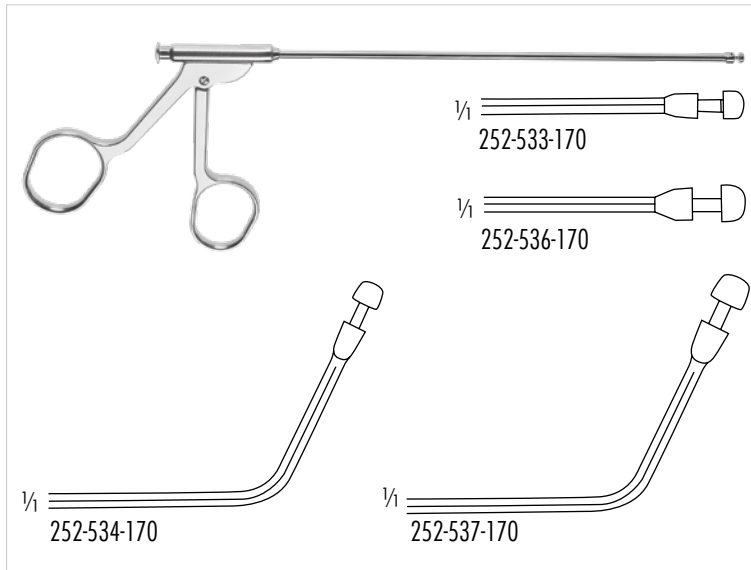
Biopsy and Grasping forceps, malleable shaft, 4 mm biopsy cup, vertical opening, 7 inch



252-503-150

Biopsie- und Faßzange, 3mm Löffel rund, gerade, mit Luer-Lock, 150mm Arbeitslänge

Biopsy and Grasping Forceps, 3mm round cup, straight, with luer-lock, 150mm working length



252-533-170 Ø 3,5 mm

252-536-170 Ø 4,5 mm

STAMMBERGER

Zirkular Stanze, gerade, 160 mm

Circular punch, straight, 6 1/4 inch

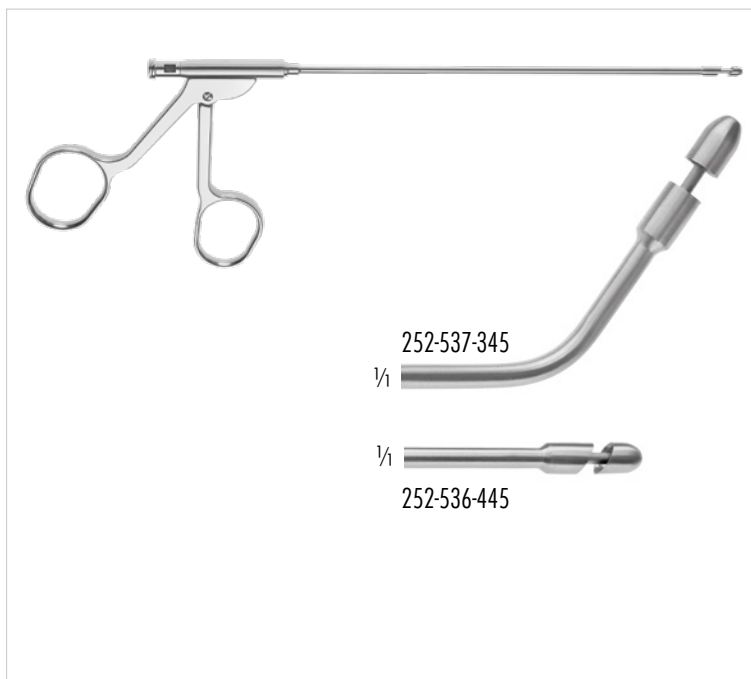
252-534-170 Ø 3,5 mm

252-537-170 Ø 4,5 mm

STAMMBERGER

Zirkular Stanze, 65° aufgebogen, 160 mm

Circular punch, 65° curved up, 6 1/4 inch



252-537-335 3.5mm Ø

252-537-345 4.5mm Ø

RZ

Circular Stanze, 60° aufgebogener Schaft,

eiförmiger Schnitt, Arbeitslänge: 160 mm

Circular Punch, 60° upturned shaft,

egg-shaped bite, working length: 6 1/4 inch

252-536-435 3.5mm Ø

252-536-445 4.5mm Ø

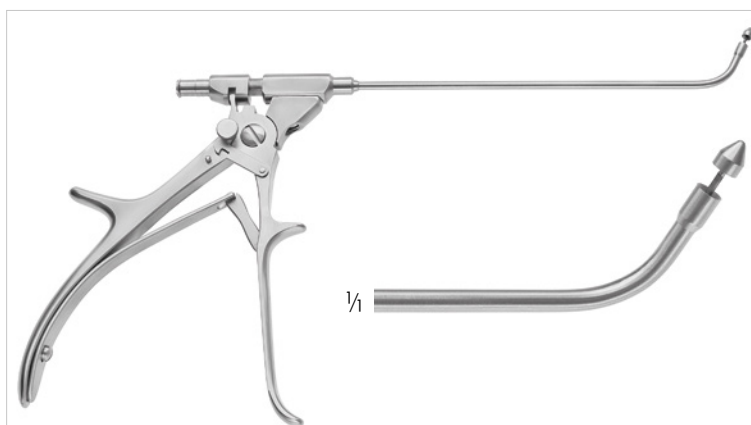
RZ

Circular Stanze, eiförmige Maulspitze,

60° schräger Schnitt, Arbeitslänge: 160 mm

Circular Punch, egg-shaped tip, 60° oblique bite,

working length: 6 1/4 inch



252-534-270 3.5mm Ø

252-537-270 4.5mm Ø

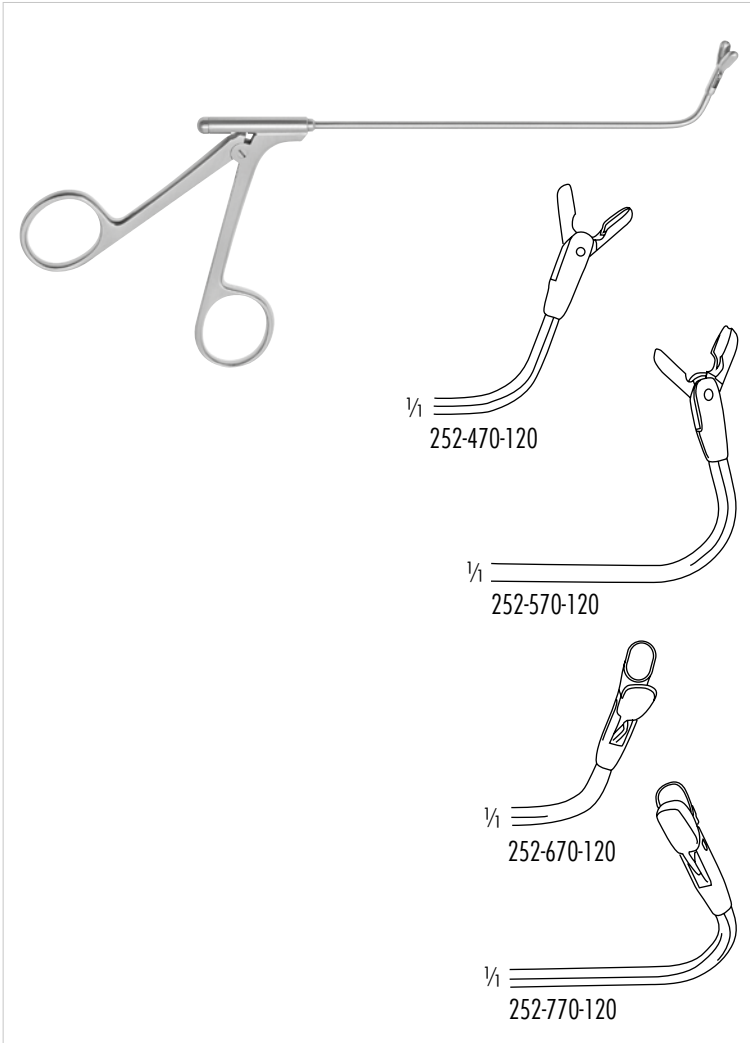
RZ

RZ-Circular Stanze, 70° aufwärts gebogen, mit Luer-Lock,

Arbeitslänge: 130 mm

Circular Punch, 70° upturned shaft, with Luer-Lock,

working length: 5 inch



252-470-120 70° aufgebogen

252-570-120 110° rückwärts gebogen

RZ-GIRAFFE

Doppellöffelzange, vertikal öffnend, Löffel Ø 4x8 mm, 130 mm

Biopsy forceps, vertical action, Ø 4x8 mm, 5 1/8 inch

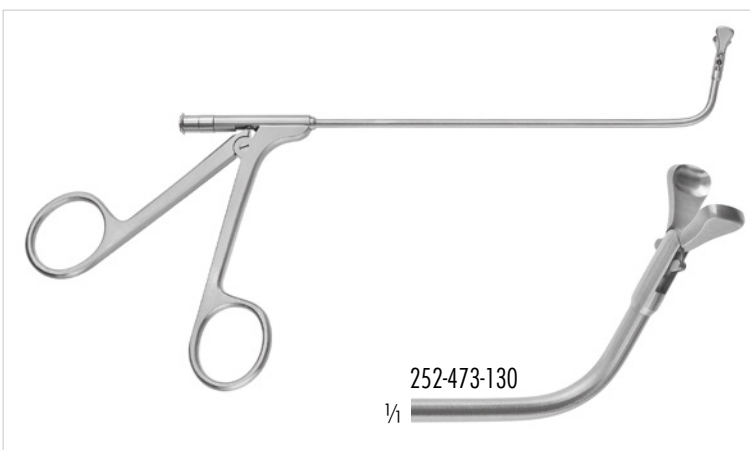
252-670-120 70° aufgebogen

252-770-120 110° rückwärts gebogen

RZ-GIRAFFE

Doppellöffelzange, horizontal öffnend, Löffel Ø 4x8 mm, 130 mm

Biopsy forceps, horizontal action, Ø 4x8 mm, 5 1/8 inch



252-473-130 horizontal öffnend/horizontal opening

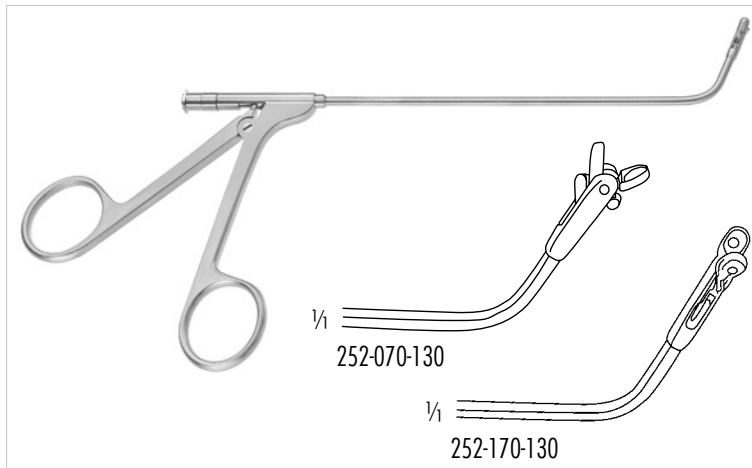
252-472-130 vertikal öffnend/vertical opening

Doppellöffelzange mit birnenförmigem Maulteil,

80° aufgebogen, Arbeitslänge: 130 mm

Double action Biopsy Forceps, pear shaped jaws,

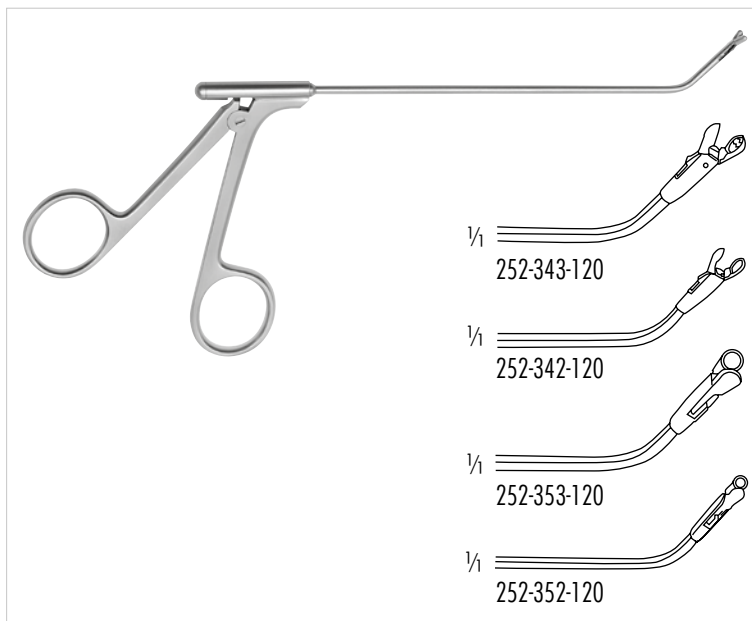
80° angled up, working length: 5 1/8 inch



- 252-070-130 vertikal öffnend/vertical action
 252-170-130 horizontal öffnend/horizontal action

RZ-GIRAFFE

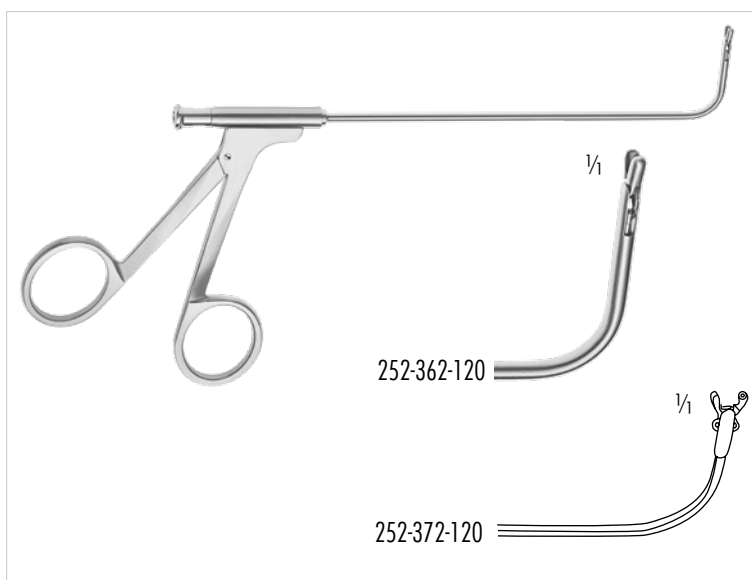
Doppellöffelzange, 70° aufgebogen, Löffel Ø 3 mm,
 Arbeitslänge: 130 mm
 Biopsy forceps, 70° angled, cup Ø 3 mm,
 working length 5 1/8 inch



- 252-343-120 vertikal öffnend, 3x6 mm, 70° aufgebogen
 vertical action, 3x6 mm, 70° angled up
 252-342-120 vertikal öffnend, 2x4 mm, 55° aufgebogen
 vertical action, 2x4 mm, 55° angled up
 252-353-120 horizontal öffnend, 3x6 mm, 70° aufgebogen
 horizontal action, 3x6 mm, 70° angled up
 252-352-120 horizontal öffnend, 2x4 mm, 55° aufgebogen
 horizontal action, 2x4 mm, 55° angled up

KUHN-BOLGER

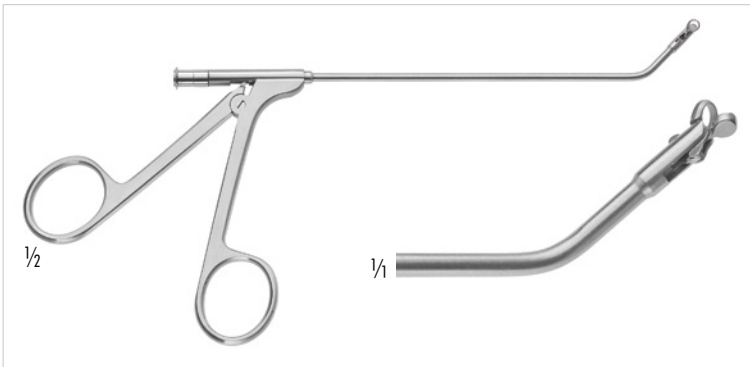
Doppellöffelzange, 130 mm
 Giraffe forceps, 5 1/8 inch



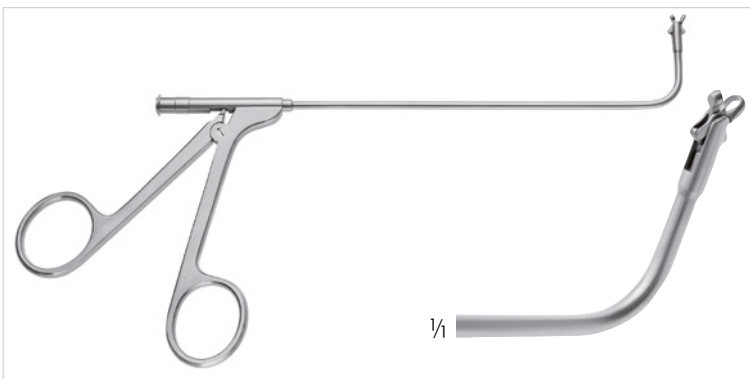
- 252-362-120 horizontal öffnend, 2x4 mm
 horizontal action, 2x4 mm
 252-372-120 vertikal öffnend, 2x4 mm
 vertical action, 2x4 mm

KUHN-BOLGER

Doppellöffelzange, 90° aufgebogen, 130 mm
 Giraffe forceps, 90° angled up, 5 1/8 inch



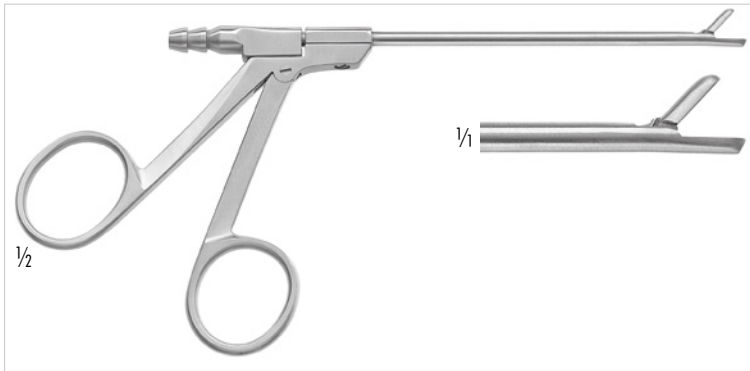
252-606-345 45° aufgebogen/45° upwards curved
 252-606-390 90° aufgebogen/90° upwards curved
 Sinuskopie Stanze, durchschneidend, 3mm runder Schnitt,
 horizontal öffnend, Arbeitslänge: 130 mm
 Sinuscopy Punch, through cutting, 3 mm round bite,
 horizontal opening, working length: 5 1/8 inch



252-605-090 Vertikal öffnend/vertical opening
 252-606-090 Horizontal öffnend/horizontal opening
 Sinuskopie Stanze, durchschneidend, 2 mm runder Schnitt,
 90° aufgebogen, Arbeitslänge: 130 mm
 Sinuscopy Punch, through cutting, 2 mm round bite,
 90° upwards curved, working length: 5 1/8 inch



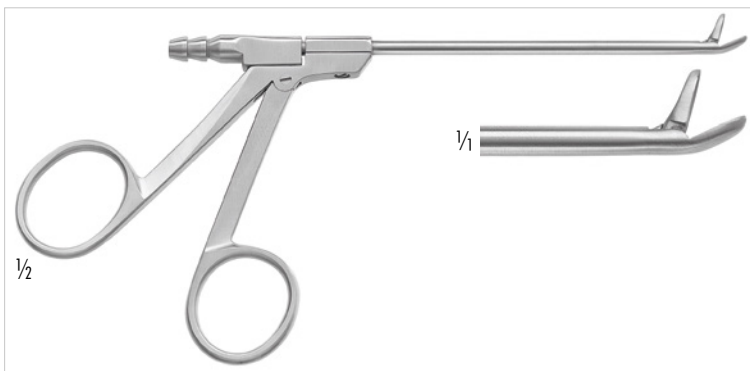
252-600-070 nach oben öffnend/backward opening
 252-601-070 nach rechts öffnend/right side opening
 252-602-070 nach links öffnend/left side opening
GRUENWALD
 Sinuskopie Zange, durchschneidend, 2 mm Schnitt, 70° aufgebogen,
 Arbeitslänge: 130 mm
 Sinuscopy Forceps, through cutting, 2 mm bite, 70° upwards curved,
 working length: 5 1/8 inch



252-021-100 Größe 1/Size 1, 2.5mm
 252-022-100 Größe 2/Size 2, 3.5mm
 252-023-100 Größe 3/Size 3, 4.0mm

BLAKESLEY

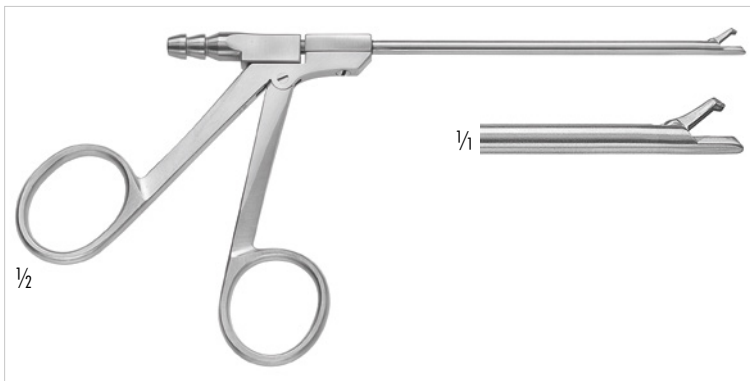
Saugstanze, gerade, 100 mm Arbeitslänge, Ø 4mm
 Suction Punch, straight, 4 inch working length, Ø 4mm



252-121-100 Größe 1/Size 1, 2.5mm
 252-122-100 Größe 2/Size 2, 3.5mm
 252-123-100 Größe 3/Size 3, 4.0mm

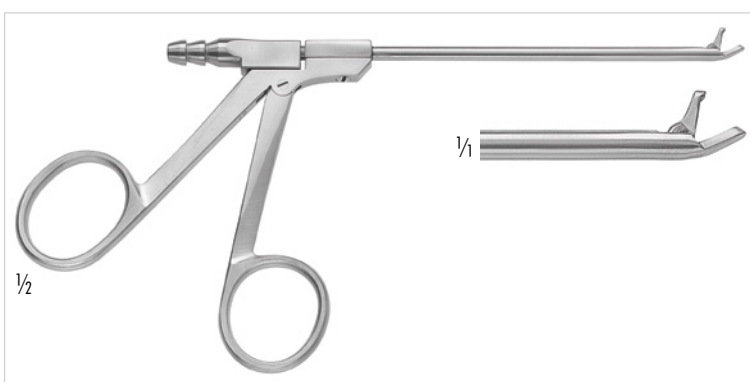
BLAKESLEY

Saugstanze, 45° aufgebogen, 100 mm Arbeitslänge, Ø 4mm
 Suction Punch, 45° upcurved, 4 inch working length, Ø 4mm

**252-502-100**

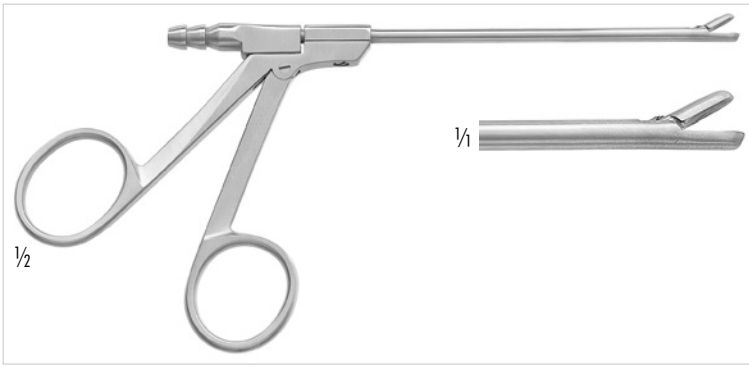
Biopsie Zange mit Absaugung, 2mm breit, durchschneidend,
 Arbeitslänge: 100mm

Biopsy Forceps with suction, 2mm wide, thru-cutting,
 working length: 4 mm

**252-502-145**

Biopsie Zange mit Absaugung, 2mm breit, durchschneidend,
 45° aufwärts gebogen, Arbeitslänge: 100mm

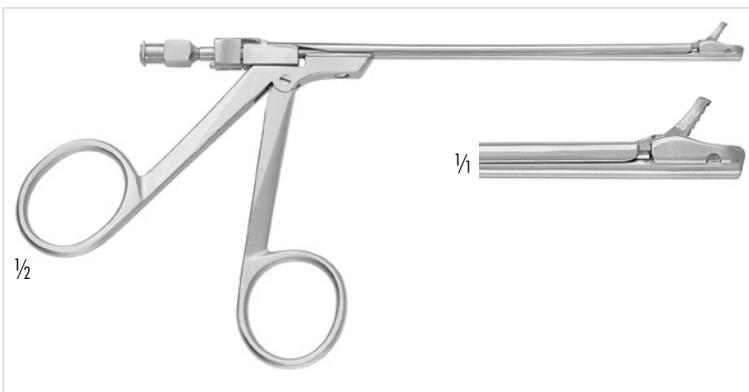
Biopsy Forceps with suction, 2mm wide, through-cutting,
 45° upcurved, working length: 4 inch



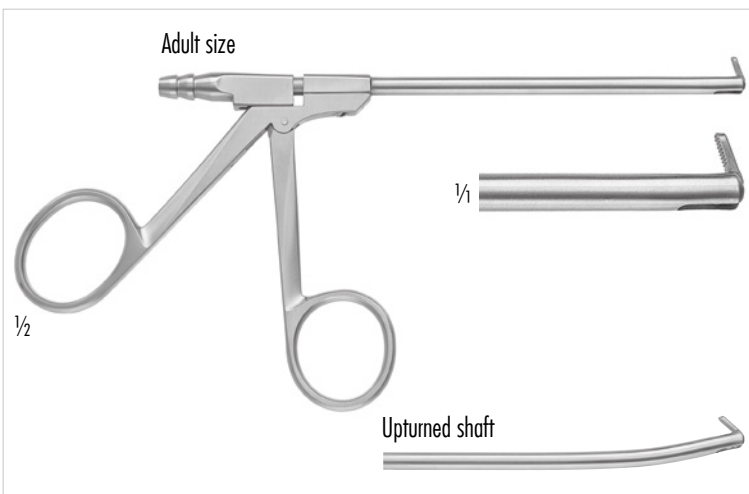
- 252-010-025 2.5mm, gerade/straight
 252-010-035 3.5mm, gerade/straight
 252-011-025 2.5mm, 30° aufgebogen/30° upcurved
 252-011-035 3.5mm, 30° aufgebogen/30° upcurved

TAKAHASHI

Saugstanze für Biopsie und Greifen, Ø 4mm,
 Arbeitslänge: 100 mm
 Suction Punch for biopsy and grasping, Ø 4mm,
 working length: 4 inch

**252-504-100****BLAKESLEY**

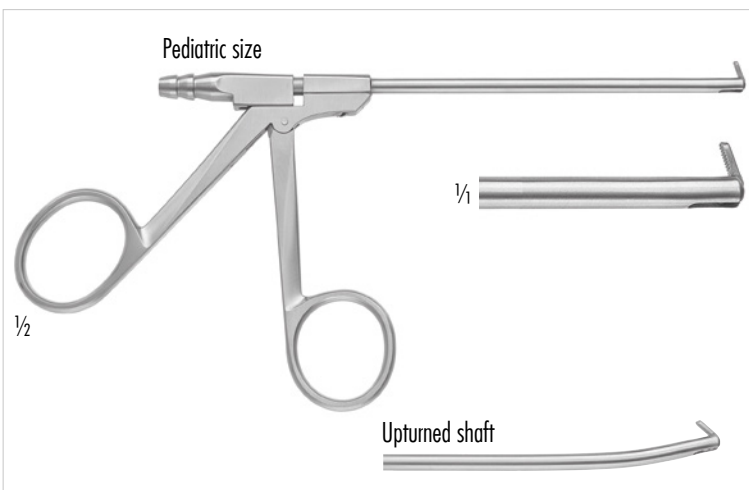
Biopsie Zange mit frontaler Absaugung, 2,5mm breit,
 durchschneidend, gerade, zerlegbar, Arbeitslänge: 100 mm
 Biopsy Forceps with frontal suction channel, 2.5mm wide,
 through-cutting, straight, detachable, working length: 4 inch



- 252-015-500 Aufwärts/upside
 252-015-510 Links/left
 252-015-520 Rechts/right

OSTROM

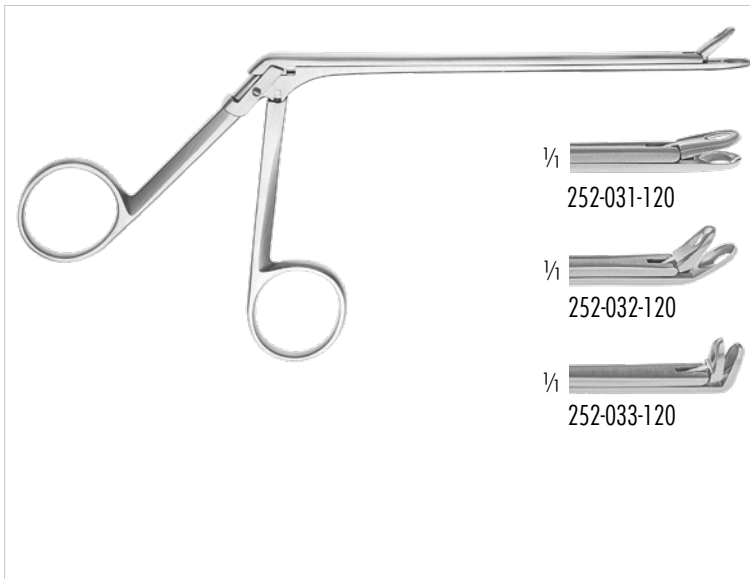
Saugstanze, gerade, Ø 4mm, rückwärts schneidend, 2,5mm Schnitt,
 Arbeitslänge: 100 mm
 Suction Punch, straight, backward cutting, Ø 4mm, 2.5mm bite,
 working length: 4 inch



- 252-015-300 Aufwärts/upside
 252-015-310 Links/left
 252-015-320 Rechts/right
 252-015-400 Aufgewinkelter Schaft, aufwärts
 Upturned shaft, upside

OSTROM

Saugstanze, Ø 4mm, rückwärts schneidend, 2,0mm Schnitt,
 Arbeitslänge: 100 mm
 Suction Punch, Ø 4mm, backward cutting, 2.0mm bite,
 working length: 4 inch



1/4
252-031-120

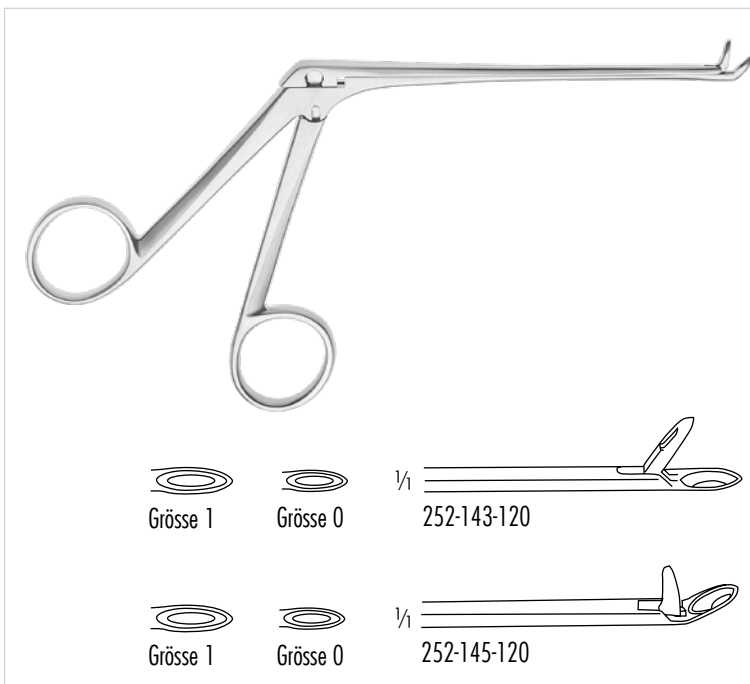
1/4
252-032-120

1/4
252-033-120

252-031-120 gerade/straight
252-032-120 45° aufgebogen/45° angled up
252-033-120 90° aufgebogen/90° angled up

STRUEMPEL

Nasenzängchen, mit ovalem, gefensterterem Löffelmaul, 100 mm
Nasal forceps with oval fenestrated cupped jaws, 4 inch



Grösse 1 Grösse 0 1/4
252-143-120

Grösse 1 Grösse 0 1/4
252-145-120

252-143-120 Größe/size 0, 2 mm
252-144-121 Größe/size 1, 2.5 mm

STRUEMPEL-VOSS

Blakesley Zange, gerade, 120 mm
Blakesley forceps, straight, 4 3/4 inch

252-145-120 Größe/size 0
252-146-121 Größe/size 1

STRUEMPEL-VOSS

Nasenzange, fein, 45° aufgebogen, 120 mm
Nasal forceps, delicate, 45° angled up, 4 3/4 inch

FULL HD CAMERA SYSTEM



300-001-800 3 Chip HD-Camera F3
 300-001-804 3 Chip HD-Camera F4 (with recording function)

THE HD

Technical data

Line voltage	100-240 VAC
Power input	20W
Image sensor	3 MOS
Resolution	1920 x 1080 pixels (FullHD)
Image resolution	>1000 TV lines, horizontal
Index ratio	16:9
Min. sensitivity	< 3lx (1/1.4)
Shutter speed	1/50 (1/60) to 1/100.000sec

Accessories



300-001-802
 High-End 3-MOS Camera Head
 FullHD (included in the set)



300-001-615
 Title generator keyboard, waterproof IP68
 US-Layout, cable 1.8m, color: grey,
 305x140x15mm, 600gr.

Features:

- Full HD camera with 3-chip MOS technology
- Pure Natural Colors technology
- Full HD video recording (F4 only)
- Full HD image saving (F4 only)
- Camera head with 3 programmable buttons
- Boost function
- Freeze function
- 2.5x digital zoom
- 3 USER mode configurations
- Multilingual on screen menu
- Different digital video outputs
- Text generator (optional with keyboard)

DELIVERY CONTAINS:

- Main Unit
- Camera head
- 2x BNC cable
- HDMI - DVI cable
- HDMI cable
- S-Video cable (F3 only)
- USB Pen Drive (F4 only)
- Mains cable
- Operating manual

Video outputs (F4)

2 x HD SDI
 1x HDMI / DVI 2x CVBS
 1 x YPbPr / RGB
 1 x Y/C (Pal/NTSC)
 1x CVBS (Pal/NTSC)

Video outputs (F3)

1 x HDMI / DVI
 1 x YPbPr (Component)
 1 x Y/C (Pal/NTSC)
 1x CVBS (Pal/NTSC)

Dimensions

Control unit: 380 x 120 x 360mm (WxHxD)
 Weight control unit: 11kg
 Weight camera head: 145g



300-001-610
 Footswitch for HD Cameras
 cable length: 2m

FULL HD CAMERA SYSTEM



Features:

- Full HD camera with 1-chip MOS technology
- Natural color technology
- Full HD video recording (F2 Pro only)
- Full HD image saving (F2 Pro only)
- Camera head with 3 programmable buttons
- Boost function
- Freeze function
- 2.5x digital zoom
- 3 USER mode configurations
- Multilingual on screen menu
- HDMI video outputs
- Text generator (optional with keyboard)

300-001-600 HD-Camera F1
300-001-601 HD-Camera F2 Pro (with recording function)

FULL HD

Technical data

Line voltage	100-240 VAC
Power input	F2 Pro: 30W / F1: 20W
Image sensor	1/3" MOS
Resolution	1920 x 1080 pixels (FullHD)
Image resolution	>1000 TV lines, horizontal
Index ratio	16:9
Min. sensitivity	< 3lx (1/1.4)

DELIVERY CONTAINS:

- Main Unit
- Camera head
- 2x BNC cable
- HDMI - DVI cable
- HDMI cable
- S-Video cable
- USB Pen Drive (F2 Pro only)
- Operating manual
- Mains cable

Video outputs (F2 Pro)	2 x HD SDI (optional) 1 x HDMI / DVI 1 x Y-Pb-Pr (Component) 1 x Video (PAL/NTSC) 1x S-Video (PAL/NTSC)
Video outputs (F1)	1 x HDMI 1 x YPbPr / RGB 1 x S-Video (Y/C; Pal / NTSC) 1 x Video (CVBS; Pal / NTSC)
Dimensions	Control unit: 380 x 120 x 360mm (WxHxD) Weight control unit: 11kg Weight camera head: 105g

Accessories



300-001-602
High-End 1/3" MOS Camera Head
Full HD (included in the set)



300-001-615
Title generator keyboard, waterproof IP68
US-Layout, cable 1.8m, color: grey,
305x140x15mm, 600gr.



300-001-610
Footswitch for HD Cameras
cable length: 2m

C2 CAMERA & LIGHT SOURCE COMBINATION



FULL HD

300-002-200 C2 Camera and Light Source Combination

Features:

- Compact and integrated 2-in-1 design
- Versatile use for rigid scopes and fiberoptics
- LED lamp – exceptionally long lifespan
- Low noise ventilation system
- Easy storage and documentation of videos and pictures
- Optional TV couplers with fixed focal length or with zoom available

DELIVERY CONTAINS:

- Main Unit
- Camera head
- HDMI cable
- Mains cable
- Operating manual

Technical data

Line voltage	100-240 VAC
Power consumption	60VA
Image sensor	1/2" MOS
Resolution	1920 x 1080 pixels (FullHD)
Index ratio	16:9
Lamp	LED (50W comparable)

Video outputs	1x HDMI	1x USB (A)
	1x DVI	1x Remote IN (Footswitch)
	1x SDI	1x RJ45 (Service)
	1x VIDEO	
Dimensions	Control unit: 295 x 128 x 279mm (WxHxD)	
	Weight control unit: approx. 3kg	
	Weight camera head: 180g	

TV Coupler, Endoscope and Light Guide cable not included and can be ordered separately.

NOTE: Endoscopes smaller than Ø 2.9mm require 250-015-030 Zoom TV Adapter.



250-015-030
Zoom TV Adapter

TV COUPLER

**4K
FULL
HD**

300-001-823 f=14mm
 300-001-824 f=25mm
 300-001-825 f=28mm
 c-mount, soakable

**4K
FULL
HD**

250-015-030
 Zoom-TV-Adapter
 f=15 - 30mm
 c-mount, soakable

**4K
FULL
HD**

250-015-036
 Zoom-TV-Adapter
 f=15 - 36mm
 c-mount, soakable

**FULL
HD**

300-001-813 f=14mm
 300-001-814 f=25mm
 300-001-815 f=28mm
 c-mount, soakable

**FULL
HD**

250-022-018 f=18mm
 250-022-025 f=25mm
 90°, c-mount, soakable



300-001-168
Endovue 32" HD Monitor

300-001-158
Endovue 24" HD Monitor

Technical data

Screen size	31.5" / 24" diagonal
Resolution	1920 x 1080
Aspect ratio	16:9
Viewing angle	178°
Numbers of colors	16.7 Million (8-bit)
Video Inputs	DVI-D, RGBS/VGA/YPbPr (HD-15 or DVI-I via adapter), S-Video, Composite
Video Outputs	DVI-D
Weight	8.8kg (300-001-168) 6.7kg (300-001-158)



300-001-232
Radiance 32" HD Monitor

300-010-226
Radiance 27" HD Monitor

Technical data

Screen size	32" / 27" diagonal
Resolution	1920 x 1080
Aspect ratio	16:9
Viewing angle	178°
Numbers of colors	1.07 Billion (10-bit)
Video Inputs	DVI-I and 3G-SDI Input/Output
Video Outputs	DVI-D
Weight	11.0kg (300-001-232) 8.9kg (300-010-226)



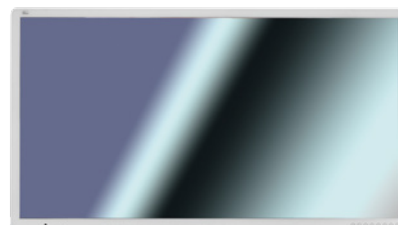
300-001-028
Monitor Table Stand



300-001-031
UHD 4K Monitor, 31"

Technical data

Screen size	31" diagonal
Resolution	4096 x 2160
Aspect ratio	17:9
Viewing angle	178°
Number of colors	1.08 Billion (10-bit)
Video Inputs	1 x HDMI 2.0 1 x DP 1.2 (SST) & 1 x DP 1.2 (MST) 1 x DVI (single link), 4 x SDI (3G)
Video Outputs	1 x DP 1.2 (SST) 1 x DVI (single link), 4 x SDI (3G)
Weight	10.5kg



300-001-055
UHD 4K Monitor, 55"

Technical data

Screen size	55" diagonal
Resolution	3840 x 2160
Aspect ratio	16:9
Viewing angle	178°
Numbers of colors	1.08 Billion (10-bit)
Video Inputs	1 x HDMI 2.0, 2 x DP 1.2 (55T) 1 x DVI (single link), 2 x DVI (dual link) 4 x SDI (3G), 2 x SDI (12G)
Video Outputs	1 x DVI (single link), 1 x DP 1.2 (SST) 4 x SDI (3G), 2x SDI (12G)
Weight	37.35kg

All monitors will be delivered without table stand - need to be ordered separately.

LED LIGHT SOURCE



Features:

- 6500K daylight color temperature
- 375 Watt equivalent output power
- > 20.000 hours lifetime
- Turret connector for the most common light cables (Olympus, Wolf, Gyrus ACMI, Storz)
- Manual or automatic light control
- Waterproof touch control panel
- Low heat conduction by improved LED technology
- Boost function: light increase of 20%

300-900-300 LUMEN LED 3 PRO Light Source, 110 - 230V



Technical data

Line voltage	100-240 VAC
Video input	1x Video, BNC
Protection class	1 (acc. IEC 60601-1) 1 (acc. MDD 93/42/EEC)
Safety class	BF
Standard	IEC 60601-1-2
Dimensions	380 x 120 x 360mm (WxHxD)
Weight	approx. 11kg

DELIVERY CONTAINS:

- Main Unit (300-900-300)
- BNC cable (optional)
- Mains cable
- Operating manual



A OLYMPUS

B RICHARD WOLF

C GYRUS ACMI

D STORZ
KARL STORZ ENDOSKOPE

Turret, multi connector

LED LIGHT SOURCE



Features:

- More than 20.000h lamp lifetime
- 180 Watt equivalent power output
- Manual or automatic light control
- Waterproof touch control panel
- Low heat conduction by improved LED technology
- Daylight color temperature 6000 – 6500° K for accurate color representation
- Boost function: light increase of 20%

300-900-180 LUMEN LED 1 Light Source



DELIVERY CONTAINS:

- Main Unit (300-900-180)
- BNC cable
- Mains cable
- Operating manual

Technical data

Line voltage	100-240 VAC
Power consumption	130VA
Video input	1x Video, 1x S-Video (Y/C) (automatic version only)
Protection class	1 (acc. IEC 60601-1) 1 (acc. MDD 93/42/EEC)
Safety class	BF
Dimensions	380 x 120 x 360mm (WxHxD)
Weight	approx. 11kg

HIGH TEMPERATURE LED/XENON LIGHT CABLES

Adaptor pieces to use with **endoscope**



250-042-000
RZ/Storz/Olympus



250-040-000
Wolf



250-041-000
ACMI/British Standard

XENON/LED Light Guide Cables
with melt and bending protection

250-025-230	Ø 2.5 mm, 2300 mm
250-025-300	Ø 2.5 mm, 3000 mm
250-035-180	Ø 3.5 mm, 1800 mm
250-035-230	Ø 3.5 mm, 2300 mm
250-035-300	Ø 3.5 mm, 3000 mm
250-048-180	Ø 4.8 mm, 1800 mm
250-048-230	Ø 4.8 mm, 2300 mm
250-048-300	Ø 4.8 mm, 3000 mm

Adaptor pieces to use with **light source**



250-039-000
RZ/Storz



250-038-000
ACMI/CUDA



250-048-000
Luxtec



250-051-000
Stryker



250-037-000
Wolf



250-044-000
Olympus



250-045-000
Olympus - Standard



250-052-000
Heine



250-059-000
Pentax



COMPATIBILITY NOTE:
A fiber optic cable with a large diameter should not be connected to a smaller diameter scope.
For example: Ø 4.8mm fiber optic cables connected to a Ø 2.9mm may risk high temperature at the light entry of the endoscope and may risk patient safety.

ELECTROSURGICAL GENERATOR



700-350-400 230V
700-350-410 110V
G400 Electrosurgical Generator

Technical data

Line voltage	110-230 VAC
Power consumption	500W
Generator operation frequency	333kHz
Display	TFT 10"
Defibrillation impulse resistance	acc. to EN 60601-1
NEM system	neutral electrode control optical indication 7 levels required resistance < 240 Ω
Gas type	pure argon 4.8 (99,998%) or higher
Inlet gas pressure	0.25-0.4 [MPa]
Monopolar coagulation / cutting	200W / 400W
Bipolar coagulation / cutting	400W / 400W

Gas outflow	0.1-10 l/min, regulated 0.1 l/min in whole range
Pressure range	reducer (0.4 MPa) on argon cylinder
Vessel sealing system	9 effects/300W
AutoStop	automatic stop of sealing process after achieving the optimal effect
Dimensions	495 x 415 x 225mm (LxWxH)
Weight	12.2kg

Features:

- Monopolar/bipolar cutting and coagulation
- Automatic identification of connected instruments
- Powerstart System simplifies the beginning of cutting process
- Automatic power regulation
- 105 different memory locations in 7 groups
- Various output configuration of the sockets available
- 10" Touchscreen
- Tilttable display
- Footswitch (optional)
- Available with Argon and / or the RZeal
- Real-time output monitoring

DELIVERY CONTAINS:

- Main Unit
 - Mains Cable
- (Footswitch not included)

Accessories



700-350-405
2-Button-Footswitch, length: 5m
700-350-402
3-Button-Footswitch, length: 5m, quick access key



Disposable Neutral Electrode
hydrogel, split, for adults or children
10x5 pcs. per package
700-503-000 Adults
700-503-001 Children



Cable for Disposable Neutral Electrode
5m, RZ compatible only
700-503-003

ELECTROSURGICAL GENERATOR



700-340-400 230V
700-340-410 110V
G44 Electro-surgical Generator

Technical data

Line voltage	110-240 VAC
Power consumption	1100VA
Generator operation frequency	333kHz
Display	TFT 7" WVGA
Spectrum result system	automatic power regulation
Monopolar coagulation	max. 200W (200Ω)
Monopolar cutting	max. 400W (100Ω)
Bipolar coagulation	max. 400W (25Ω)
Bipolar cutting	max. 330W (150Ω)

Features:

- Monopolar/bipolar cutting and coagulation
- Automatic instrument detection system
- Intuitive Touchscreen
- Automatic power regulation
- Configurable working modes
- Real-time parameter control
- Special endoscopic modes
- Bipolar resection
- Easy software update

DELIVERY CONTAINS:

- Main Unit ■ Mains Cable
(Footswitch not included)

NEM system	neutral electrode control, optical indication, required resistance < 240 Ω
Dimensions	385 x 305 x 141mm (LxWxH)
Weight	7kg

Accessories



700-350-405
2-Button-Footswitch, length: 5m
700-350-402
3-Button-Footswitch, length: 5m, quick access key

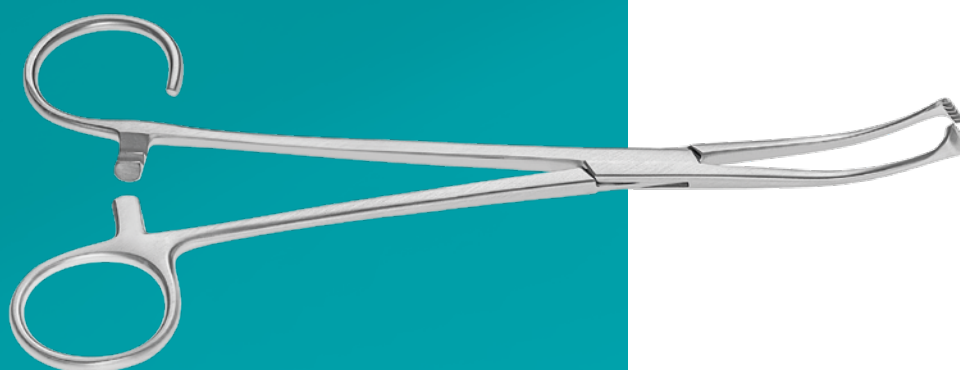


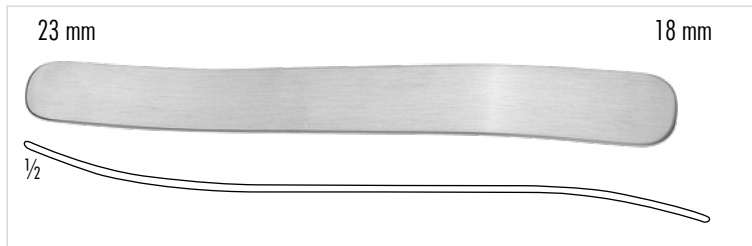
Disposable Neutral Electrode
hydrogel, split, for adults or children
10x5 pcs. per package
700-503-000 Adults
700-503-001 Children



Cable for Disposable Neutral Electrode
5m, RZ compatible only
700-503-003

ORAL



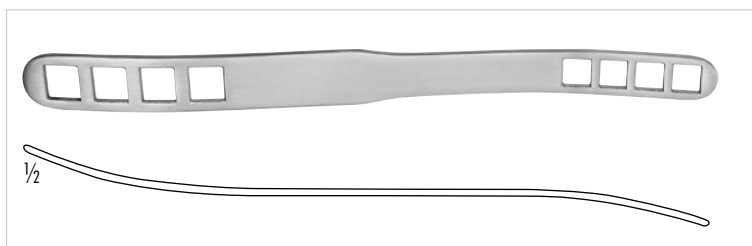


430-361-190
BUCHWALD
 Zungenspatel, 180 mm
 Tongue depressor, 7 inch

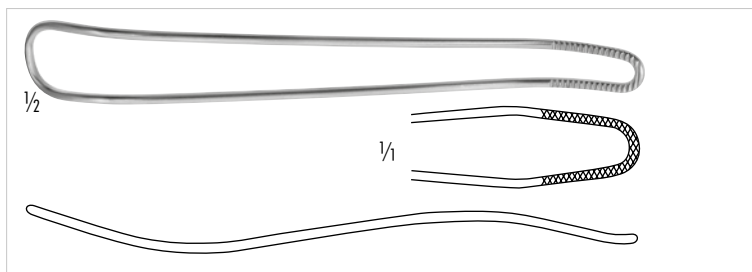


430-362-170
MAYO
 Zungenspatel, 170 mm
 Tongue depressor, 6 2/3 inch

430-363-170
MAYO
 Zungendrucker, s-gebogen, 19 / 23 mm breit, 170 mm
 Tongue depressor, s-curved 19 / 23 mm wide, 6 2/3 inch



430-385-190
BRUENINGS
 Zungenspatel, 190 mm
 Tongue depressor, 7 1/2 inch



430-396-165
FRENZEL
 Zungenspatel, 165 mm
 Tongue depressor, 6 1/2 inch



430-518-150 18 mm breit/18 mm wide
430-520-150 20 mm breit/20 mm wide
430-522-150 22 mm breit/22 mm wide
LOVE
 Zäpfchen Retraktor, 150 mm
 Uvula retractor, 6 inch



430-397-190
MORITZ-SCHMIDT
 Zungenspatel, 190 mm
 Tongue depressor, 7 1/2 inch

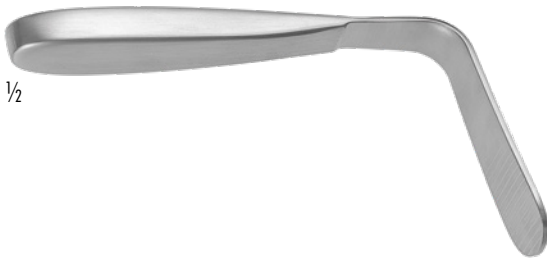


1/2

430-298-100**BOSWORTH**

Zungendrucker, 145 mm

Tongue depressor, 5 1/2 inch

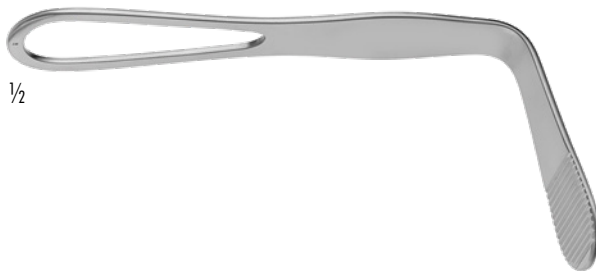


1/2

430-349-145**TOBOLD**

Zungendrucker, 145 mm

Tongue depressor, 5 1/2 inch



1/2

430-271-150**HARTMANN**

Zungenspatel mit Gittergriff, 150 mm

Tongue depressor with fenestrated handle, 6 inch



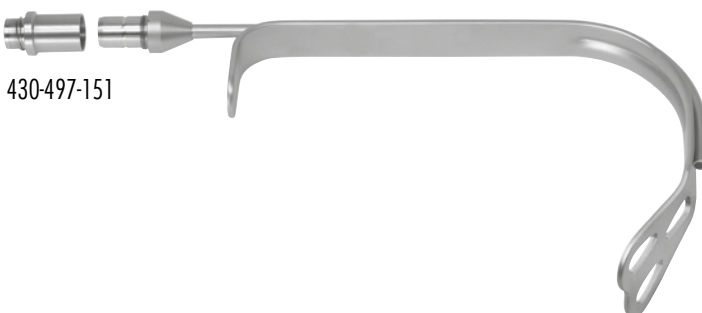
430-297-140

430-297-140 30 mm breites Blatt/30 mm wide blade**430-297-150** 36 mm breites Blatt/36 mm wide blade**WIEDER**

Zungenspatel, gefenestertes Blatt, feine Zahnung, 125 mm

Tongue depressor, fenestrated blade, fine serration, 5 inch

1/2



430-497-151

430-497-141 30 mm breites Blatt/30 mm wide blade**430-497-151** 36 mm breites Blatt/36 mm wide blade**SCULPO**

Dito, mit Kaltlicht, 125mm

Same, with Fiber Optic, 5 inch



430-350-005 55mm
 430-350-007 70mm
 430-350-009 90mm
 430-350-010 100mm

STIERLEN

Zungendrucker

Tongue Depressor



430-150-130

HEISTER

Mundsperrer, 130 mm

Mouth gags, 5 1/8 inch



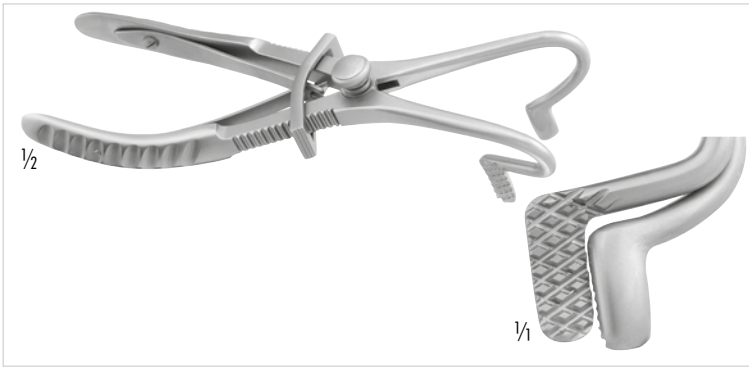
430-140-110 children, 120mm

430-140-110 adults, 140mm

DOYEN-JANSEN (MOLT)

Mundsperrer,

Mouth gags, 4 3/4 inch



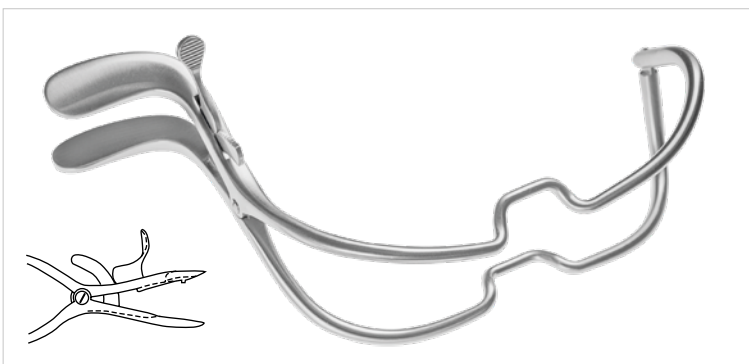
430-145-145
FERGUSON-ACKLAND
 Mundsperrer, 145 mm
 Mouth gags, 5 3/4 inch



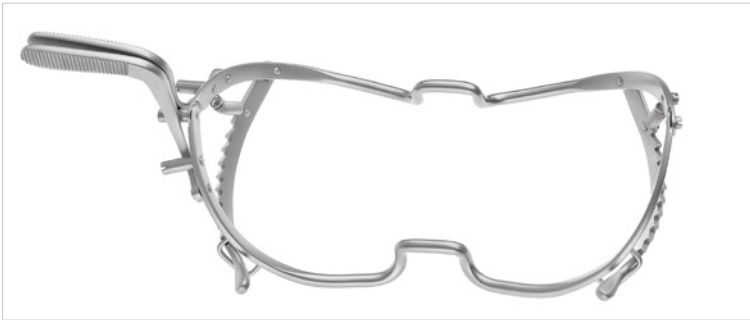
430-142-120
DENHARDT
 Mundsperrer, mit Einsätzen aus Silikon, auswechselbar, 120 mm
 Mouth gags, with silicone inserts, interchangeable, 4 3/4 inch



430-144-160 160 mm/6 1/4 inch
ROSER-KOENIG
 Mundsperrer
 Mouth gags



430-250-090 90 mm, 3 1/2 inch
430-250-110 110 mm, 4 1/2 inch
430-250-130 130 mm, 5 inch
430-250-150 150 mm, 6 inch
JENNINGS
 Mundsperrer
 Mouth gags



- 430-261-090 90 mm , 3 ½ inch
- 430-261-110 110 mm , 4 ½ inch
- 430-261-130 130 mm , 5 inch
- 430-261-150 150 mm , 6 inch

WHITEHEAD

Mundsperrer
Mouth gags



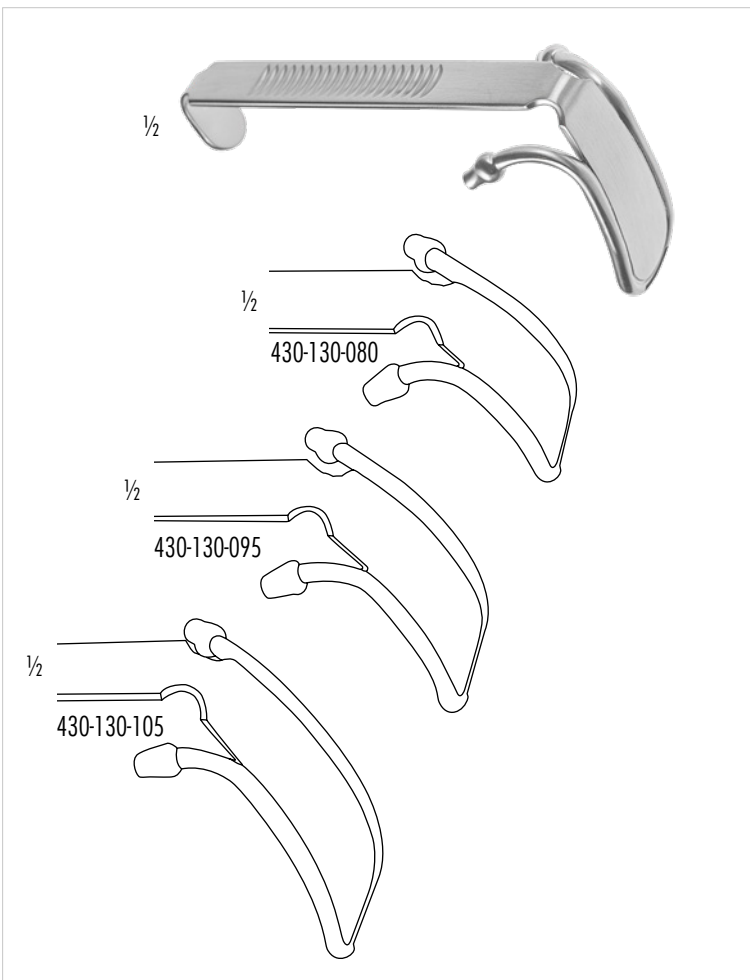
430-130-500

DAVIS-MEYER

Mundsperrer, Bügel allein, mit 2 Einzelgebissplatten und auswechselbaren Silikoneinlagen, passend für alle Zungenspatel
Mouth gags, frame only, with 2 single bites and interchangeable silicone inserts, suitable for all tongue depressors

430-130-550

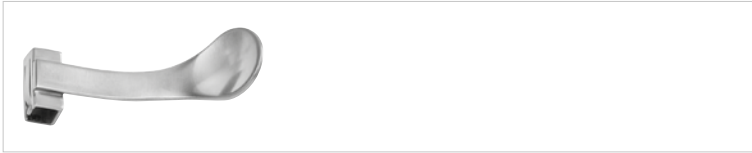
Silikoneinlagen allein
Silicone insert only



- 430-130-070 29 x 70 mm
- 430-130-075 30 x 75 mm
- 430-130-080 31 x 80 mm
- 430-130-085 32 x 85 mm
- 430-130-095 33 x 95 mm
- 430-130-100 34 x 100 mm
- 430-130-105 34 x 105 mm

DAVIS-MEYER

Zungenspatel, allein, mit Schlauchgarnitur
Tongue blade only, with tubing set for anaesthesia channel



430-130-560

Gaumenplatte zu Bügel 430-130-500, für zahnlose Patienten
Palate blade to be used with 430-130-500, for toothless patients

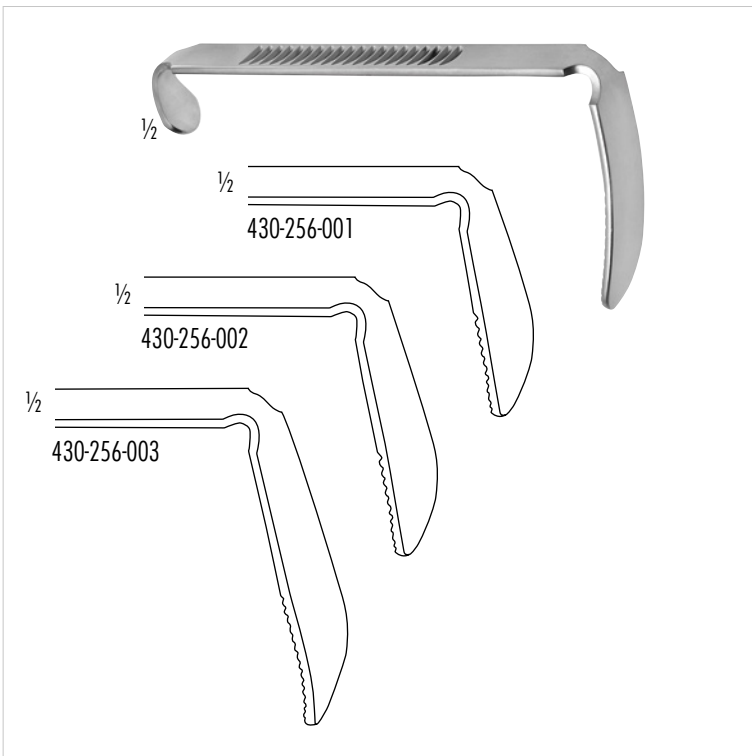


430-256-010

MC IVOR

Mundsperrer Bügel, allein

Mouth gags frame, only



430-256-001

23 x 55 mm

430-256-002

25 x 62 mm

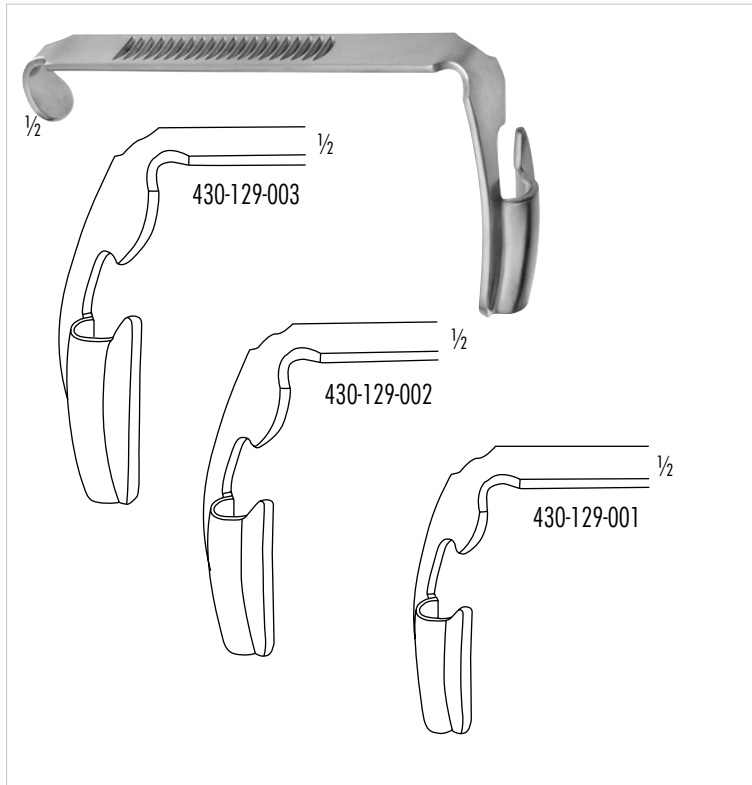
430-256-003

26 x 75 mm

MC IVOR

Zungenspatel, allein

Tongue blade, only

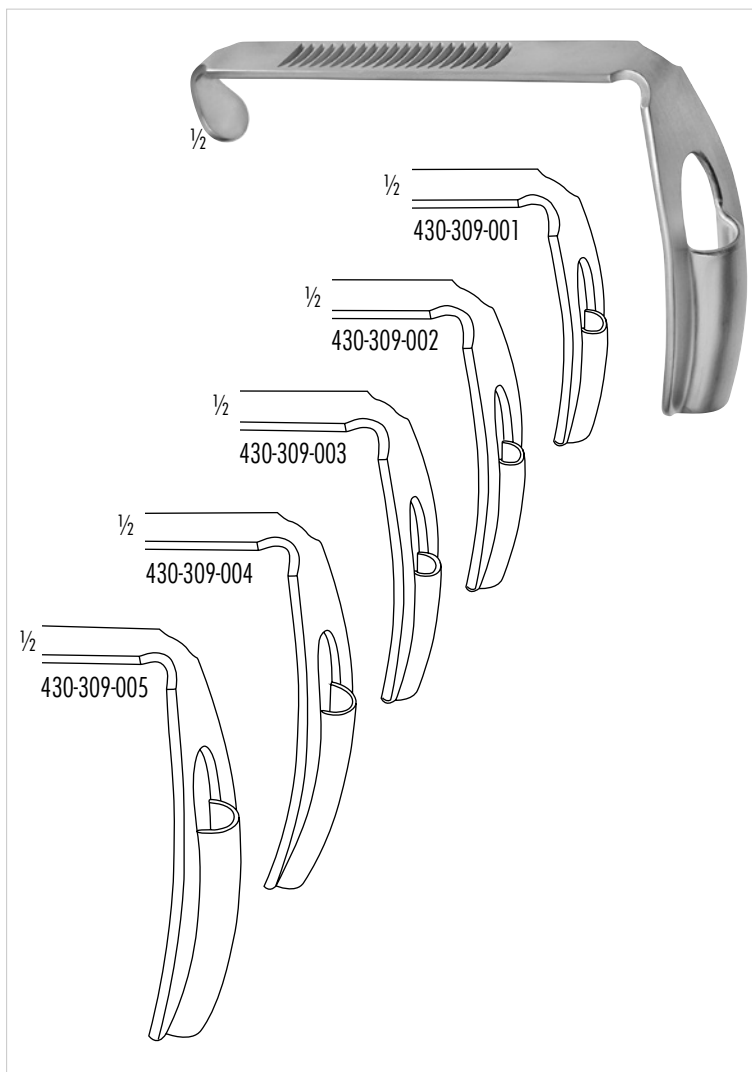


430-129-001	28 x 65 mm
430-129-002	32 x 75 mm
430-129-003	37 x 80 mm

RZ

Zungenspatel, allein, mit Mittelrinne für Intubationstubus und seitlichem Einschnitt

Tongue blade only, with groove for endotracheal tube and lateral slot



430-309-001	28 x 65 mm
430-309-002	32 x 75 mm
430-309-003	37 x 80 mm
430-309-004	41 x 94 mm
430-309-005	46 x 103 mm

RUSSEL-DAVIS

Zungenspatel, mit Mittelrinne für Intubationstubus

Tongue blade, with groove for the endotracheal tube

430-309-006	18 x 57 mm
430-309-007	22 x 67 mm
430-309-008	25 x 75 mm

RUSSEL-DAVIS

Zungenspatel allein, extra schmales Modell, mit Mittelrinne für Intubationstubus

Tongue blade, very narrow pattern, with groove for endotracheal tube

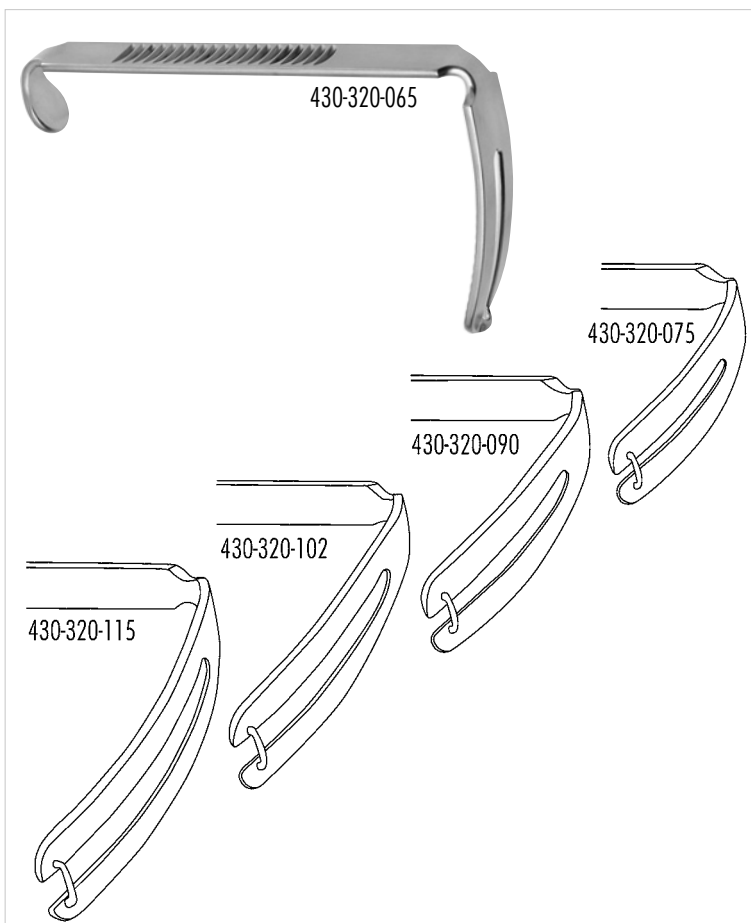


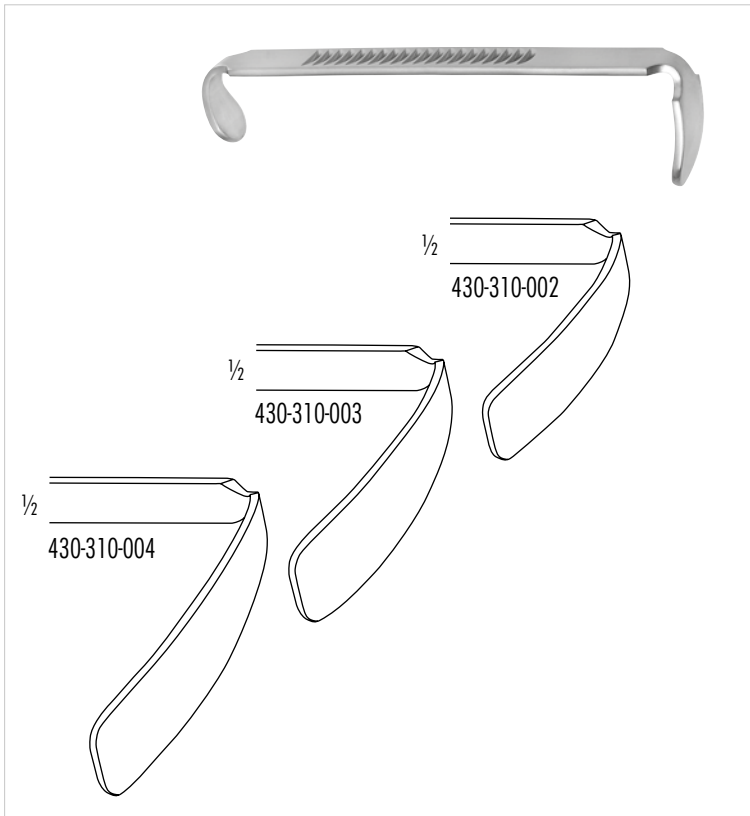
430-320-065	23 x 65 mm
430-320-075	24 x 80 mm
430-320-090	25 x 93 mm
430-320-102	26 x 108 mm
430-320-115	26 x 114 mm

DOUGHTY

Zungenspatel, mit Mittelrinne für Intubationstubus zur Verwendung mit Davis-Boyle Rahmen

Tongue blade, with slot for endotracheal tubes for use with Davis-Boyle frames





430-310-001	65 mm
430-310-002	75 mm
430-310-003	90 mm
430-310-004	102 mm

DAVIS-BOYLE

Zungenspatel, allein
Tongue blade, only



430-315-000

KILNER-DOUGHTY

Mundsperrer, links, mit 3 auswechselb. Blättern #1 bis #3
Mouth gag complete, left with 3 interchang. tongue blades #1 to #3

430-315-010

KILNER-DOUGHTY

Mundsperrer, allein
Mouth gag spreader, only

430-315-001	28 x 65 mm
430-315-002	32 x 75 mm
430-315-003	37 x 80 mm

KILNER-DOUGHTY

Zungenspatel, alleine
Tongue blade, only

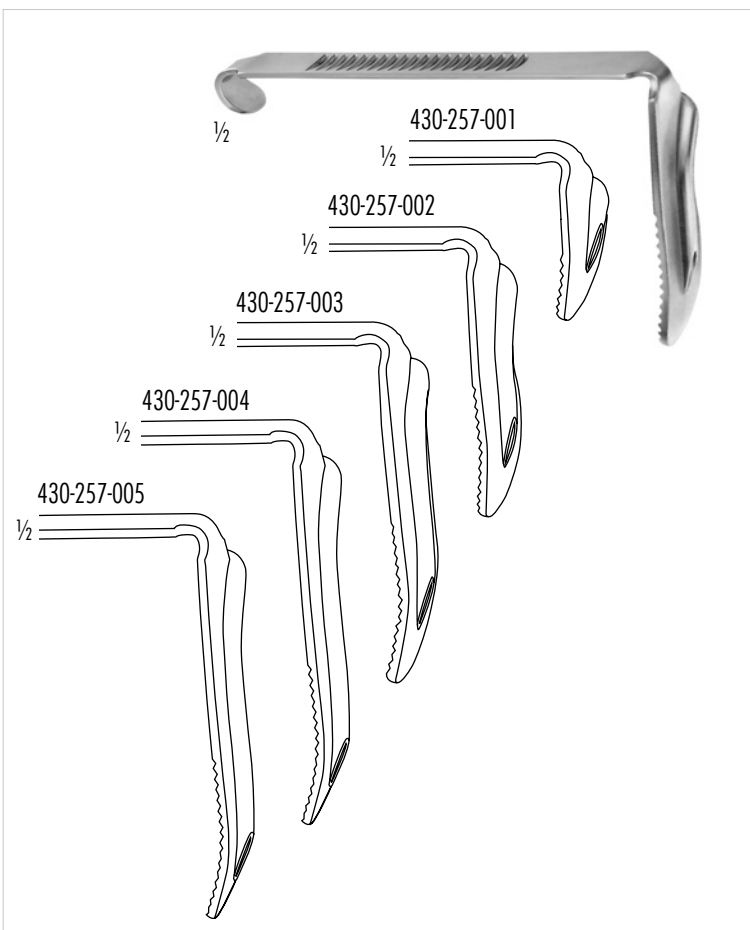


430-310-000

DAVIS-BOYLE

Mundsperrer, mit 5 Blättern, Erwachsene

Mouth gag complete, with 5 blades, adult



430-257-001

21 x 30 mm

430-257-002

23 x 65 mm

430-257-003

24 x 80 mm

430-257-004

25 x 93 mm

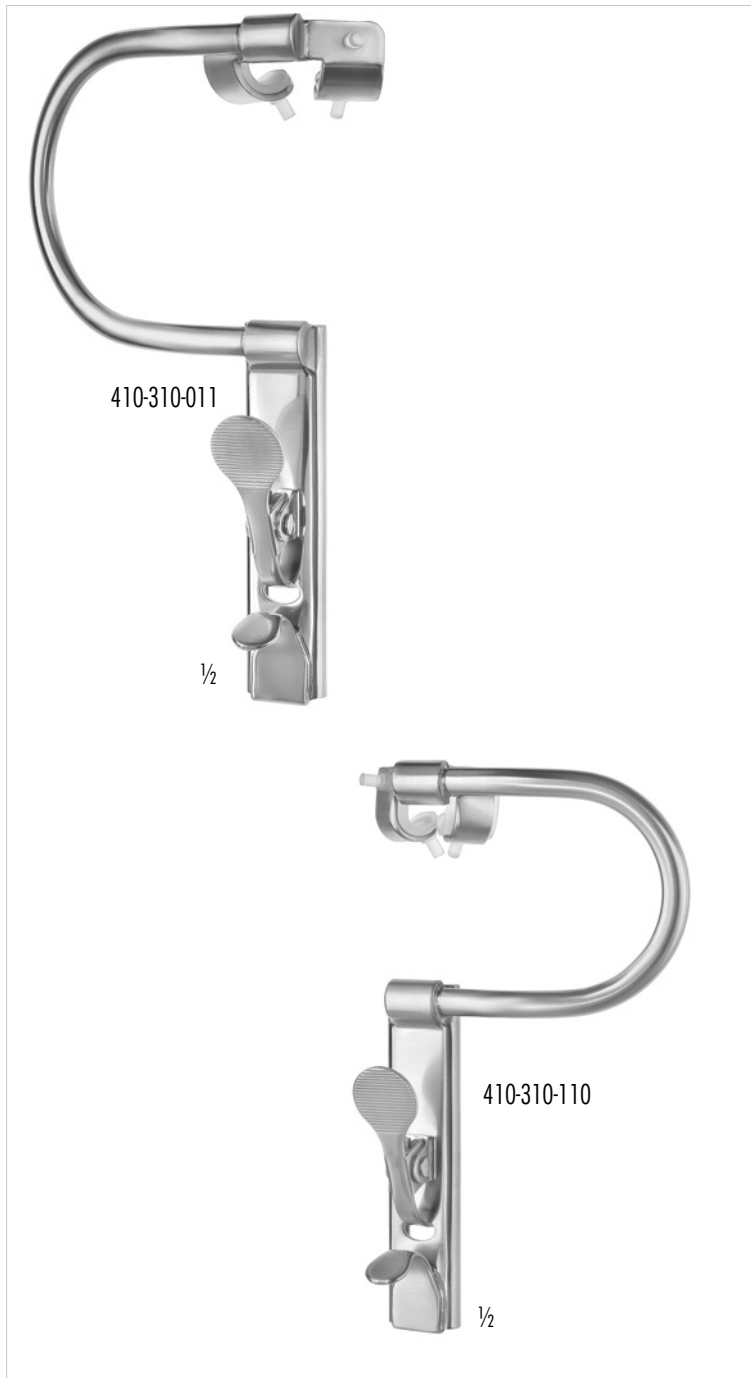
430-257-005

26 x 108 mm

DAVIS-BOYLE

Zungenspatel, allein, mit Intubationsrohr

Tongue blade, only, with anaesthesia channel



430-310-010 Rahmen links/frame left
 430-310-011 Rahmen rechts/frame right

DAVIS-BOYLE

Mundsperrer, für Erwachsene
 Mouth gag, for adult

430-310-110

DAVIS-BOYLE

Mundsperrer, Rahmen für Kinder
 Mouth gag, frame for children

430-327-000

DINGMANN

Mundsperrer mit Zubehör mit Blatt-Nr. 1, 2, 3

Mouth gag complete with accessories, blade #1, 2 and 3

430-327-004

DINGMANN

Mundsperrer, allein

Mouth gag, only



430-327-001 24 x 62 mm

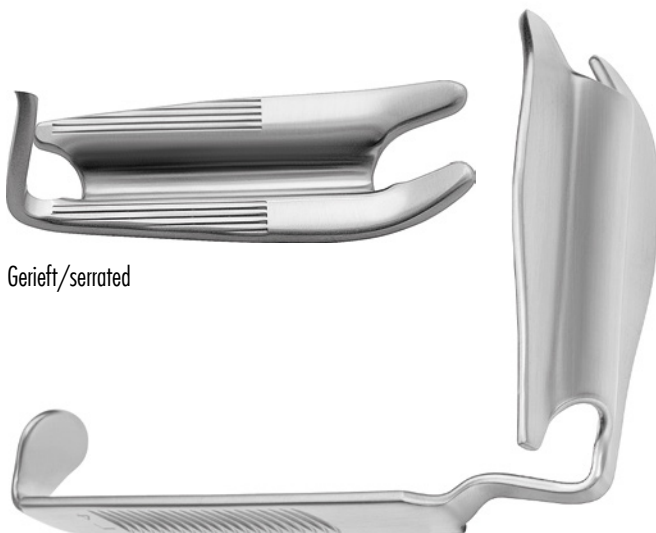
430-327-002 28 x 65 mm

430-327-003 31 x 75 mm

DINGMANN

Zungenspatel, allein

Tongue blade, only



Gerieft/serrated

Links/left

430-000-002 23 x 58 mm

430-000-003 27 x 72 mm

430-000-004 34 x 87 mm

430-000-005 37 x 95 mm

Rechts/right

430-010-002 23 x 58 mm

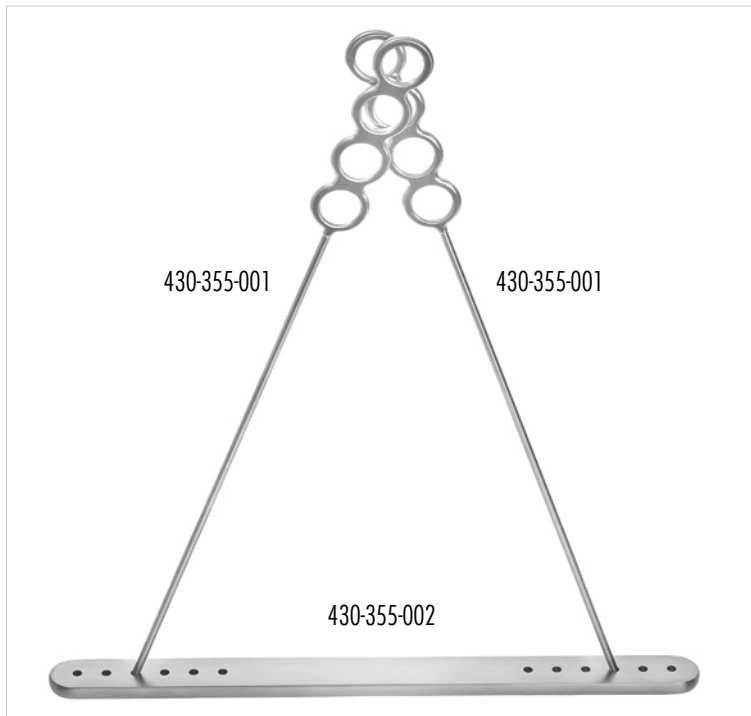
430-010-003 27 x 72 mm

430-010-004 34 x 87 mm

430-010-005 37 x 95 mm

Zungenspatel

Tongue Spatula



430-355-000

DRAFFIN

Mundsperrer Halter komplett: 2 Stützstangen + Grundplatte
für Mundsperrer-Aufhängung

Holder for mouth gag, complete: 2 bars + plate, for mouth gag fixation

430-355-001

Stützstange, paarweise/bar, pair

430-355-002

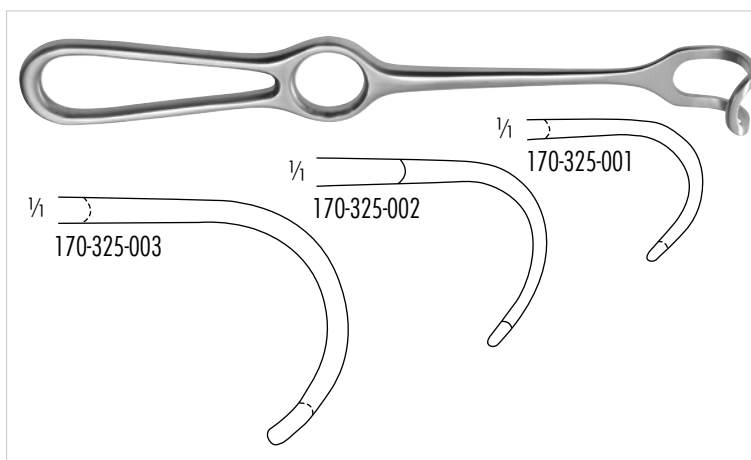
Grundplatte/Magauran Plate



430-320-000

NEGUS

Bruststütze, zur Verwendung mit Zungenspatel und Mundsperrer
Chest support, for use with tongue blade and mouth gag



170-325-001

14 x 17 mm, 215 mm, 8 3/4 inch

170-325-002

20 x 22 mm, 220 mm, 8 1/2 inch

170-325-003

26 x 30 mm, 235 mm, 9 1/4 inch

MIDDELDORPF

Wangenhalter
Cheek retractor

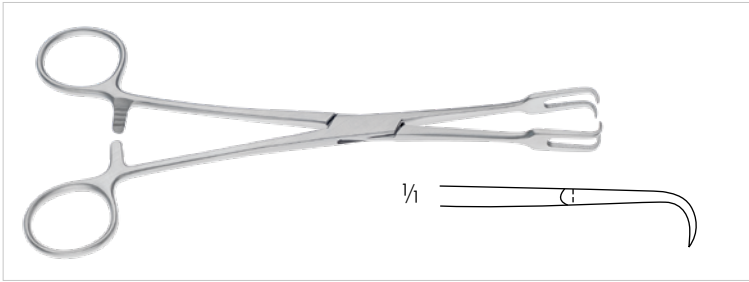


440-225-222

GREENE

Thyroid Retraktor, 17x25 mm, gefenstert, 220mm

Thyroid retractor, 17x25 mm, fenestrated, 8 3/4 inch

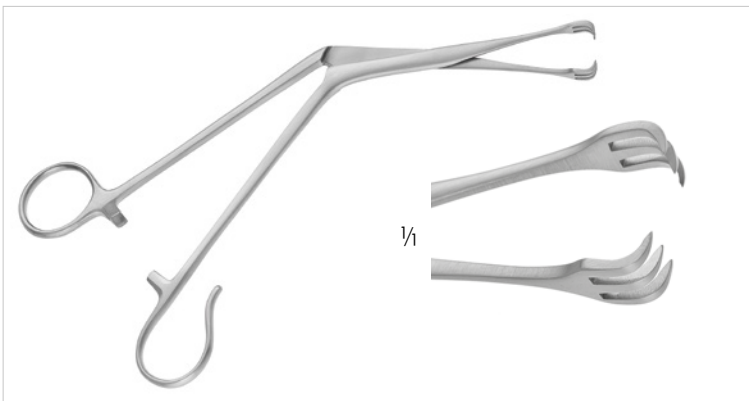


140-602-200

MUSEUX

Tonsillenenfaßzange, 2x2 Zähne, 200 mm

Tonsil holding forceps, 2x2 teeth, 8 inch



430-631-002

TIVNEN-TYDING

Tonsillenenfaßzange, 3x3 Zähne, 1 offener Ring, 210 mm

Tonsil seizing forceps, 3x3 teeth, 1 open ring, 8 1/4 inch

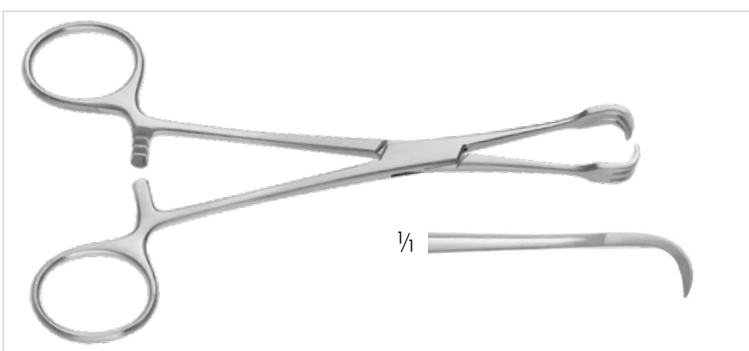


420-427-200

DENIS-BROWNE

Tonsillenklemme, 10mm, 200mm

Tonsil holding Forceps, 10mm, 8 inch



440-030-150

150mm, 6 inch

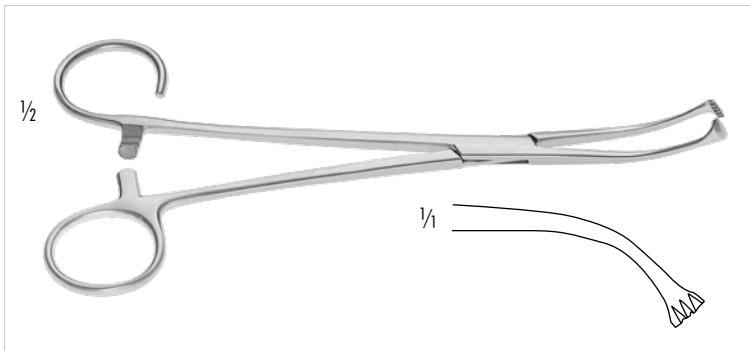
440-030-200

200mm, 7 3/4 inch

LAHEY

Kropffaßzange

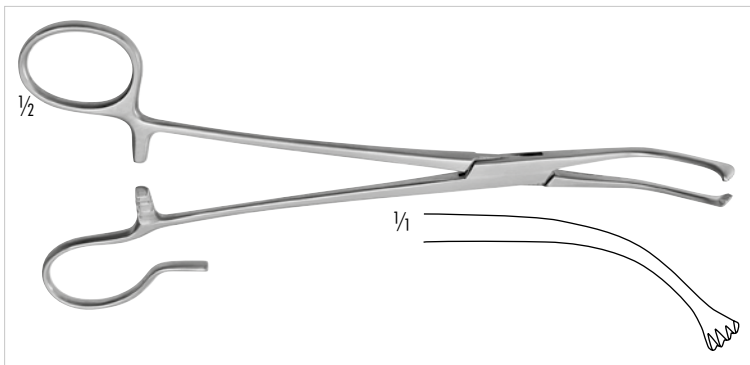
Goitre Seizing forceps



140-620-180 180 mm, 7 inch
140-620-235 235 mm, 9 1/4 inch

WHITE

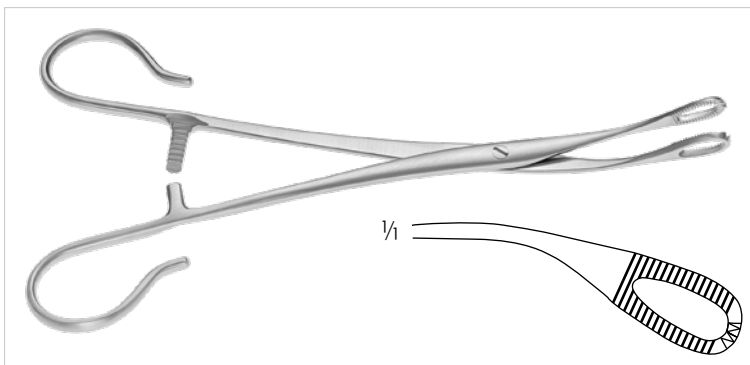
Tonsillenfaßzange, 180 mm
Tonsil holding forceps, 7 inch



140-626-190

COLVER

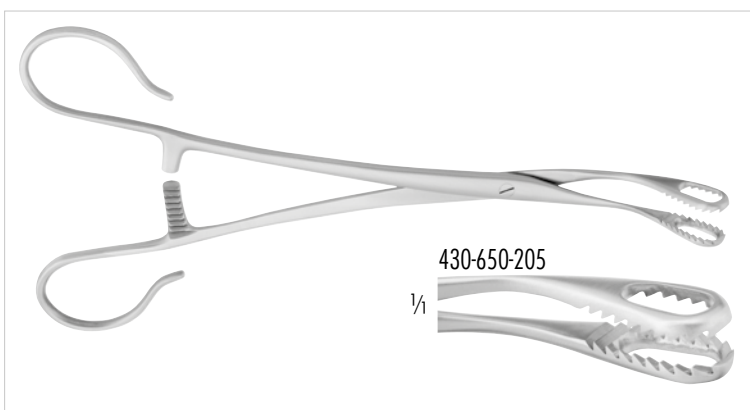
Tonsillenklemme, gebogen, 190 mm
Tonsil seizing forceps, curved, 7 1/2 inch



140-625-200

BLOHMKE

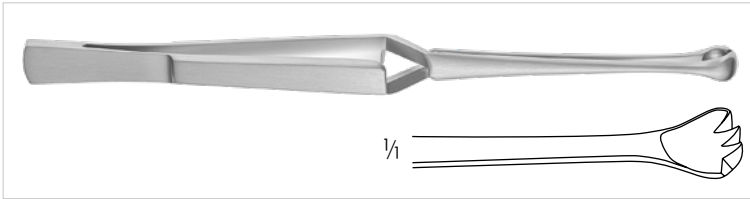
Tonsillenfaßzange, 200 mm
Tonsil holding forceps, 8 inch



430-650-205

ABRAHAM

Tonsillenfaßzange, 205 mm
Tonsil holding forceps, 8 inch

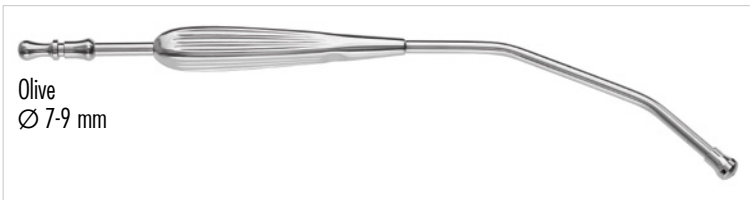


430-620-220

MARSCHIK

Tonsillenfaßpinzette, 220 mm

Tonsil grasping forceps, 8 3/4 inch



165-543-270 Ø 10 mm

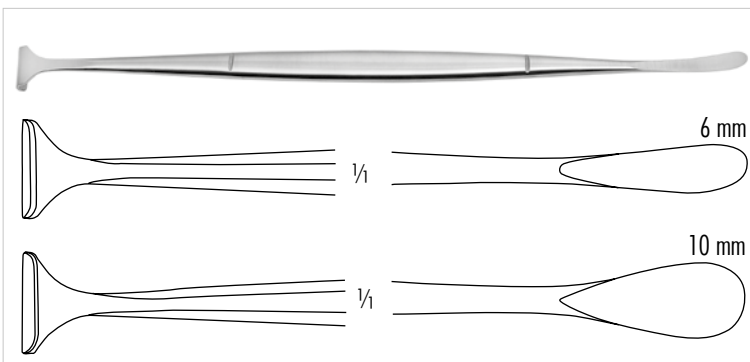
YANKAUERSaugrohr mit zentraler Bohrung, 270 mm
mit Schlaucholive Ø 7-9mmTonsil suction tube, with central drill, 10 3/4 inch
with olive Ø 7-9mm

430-670-235

LOPEZ-REINKE

Tonsillendissektor mit Absaugvorrichtung, 235 mm

Tonsil suction dissector, 8 1/2 inch



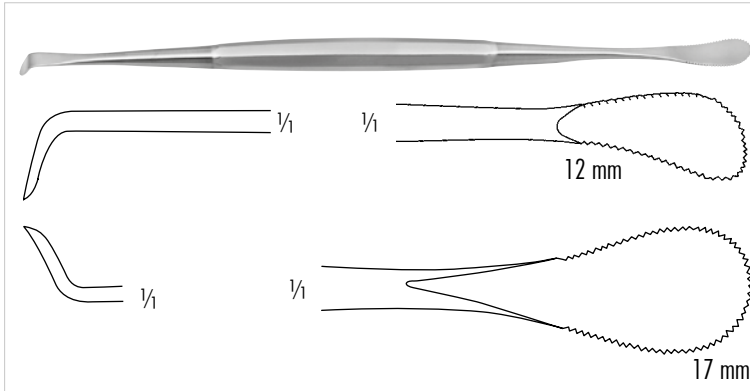
430-600-215 7.5 mm

430-601-220 10 mm

HURD

Tonsillendissektor und -retractor, 215 mm

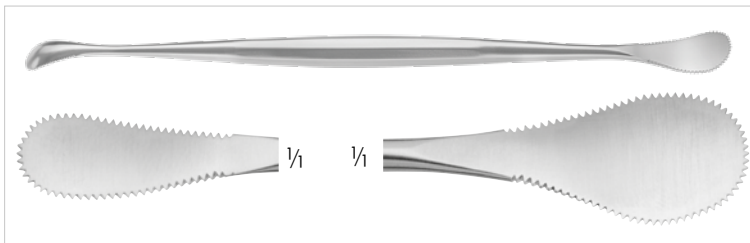
Tonsil dissector and pillar retractor, 8 1/2 inch



430-600-230 12 mm
430-601-230 17 mm

HENKE

Tonsillendissektor und -retraktor, 235 mm
Tonsil dissector and pillar retractor, 9 1/4 inch



430-602-230 17 mm

HENKE

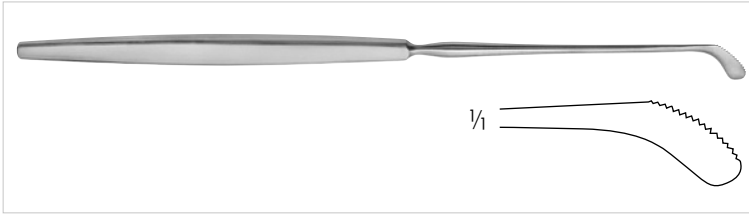
Tonsillendissektor, doppelendig, 12 mm / 18 mm
gezahntes Blatt, 230 mm
Tonsil dissector, double-ended, 12 mm / 18 mm
serrated blade, 9 inch



430-655-210

MOLLINSON

Tonsillendissektor und -retraktor, halb-scharf, 210 mm
Tonsil dissector and pillar retractor, semi-sharp, 8 1/2 inch

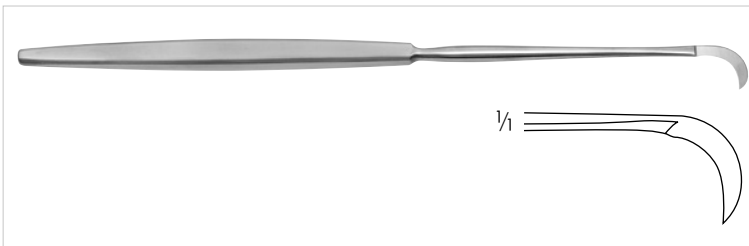


430-656-190

FISCHER

Tonsillennmesser, 225 mm

Tonsil knife, 9 inch



430-652-215

BRUENINGS

Tonsillennmesser, 230 mm

Tonsil knife, 9 inch



430-650-215

ABRAHAM

Tonsillennmesser, spitz 220 mm

Tonsil knife, sharp 8 3/4 inch

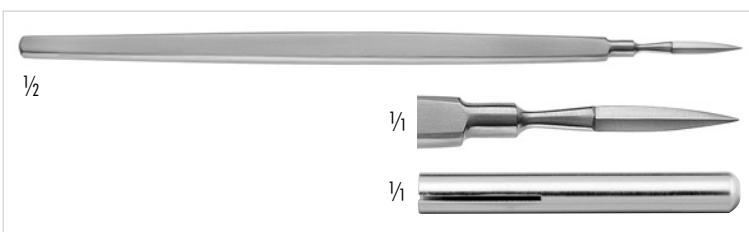


430-654-200

PERWITZSCHKY

Tonsillennmesser, 210 mm

Tonsil knife, 8 1/4 inch



430-656-195

Tonsillennmesser, mit doppelter Schneide, mit Schutzkappe, 175 mm

Tonsil knife, double-edge cutting, with protection cup, 7 inch



110-130-077

Skalpelli Griff, Nr. 7, 165 mm

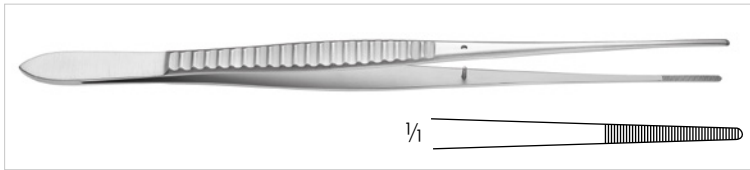
Scalpel handle, No.7, 6 1/2 inch



110-116-033

Skalpelli Griff, Nr. 3L, 210 mm

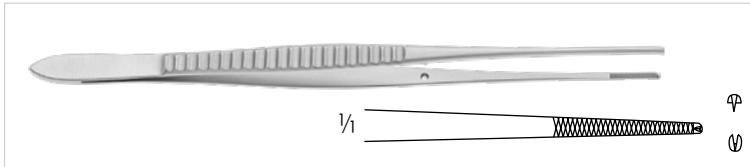
Scalpel handle, No. 3L, 8 1/4 inch



130-038-200

WAUGH

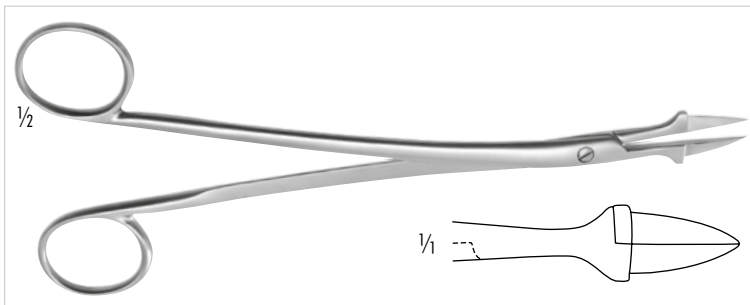
Feine anatomische Pinzette, 200 mm
Delicate dissecting forceps, 8 inch



130-160-200

WAUGH

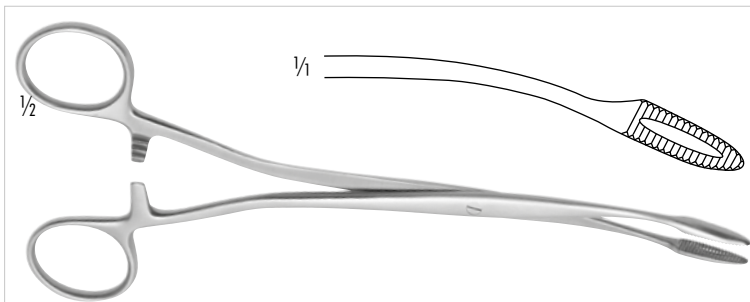
Feine chirurgische Pinzette, 1 x 2 Zähne, 200 mm
Delicate tissue forceps, 1 x 2 teeth, 8 inch



430-605-200

THILENIUS

Tonsillenabszeßzange, 190 mm
Tonsil abscess forceps, 7 1/2 inch



150-130-200

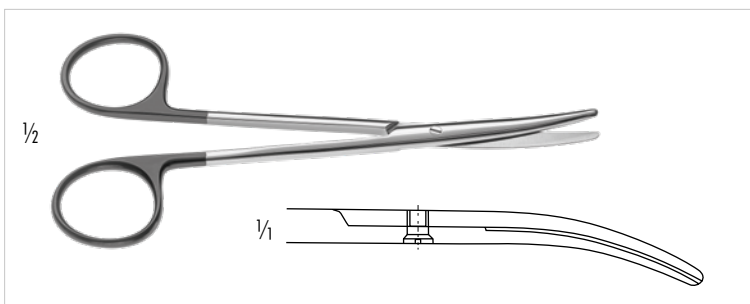
gerade/straight

150-131-200

gebogen/gebogen

DUPLAY

Polypenzange, 200 mm
Dressing forceps, 8 inch



121-111-145 145 mm, 5 3/4 inch

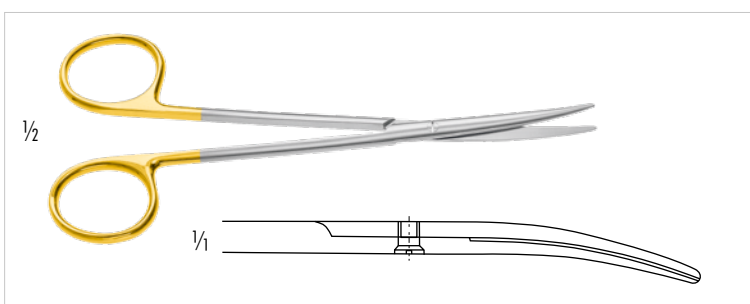
121-111-180 180 mm, 7 inch

121-111-200 200 mm, 8 inch

METZENBAUM

SC Präparierschere, gebogen

SC Dissecting scissors, curved



120-521-145 145 mm, 5 3/4 inch

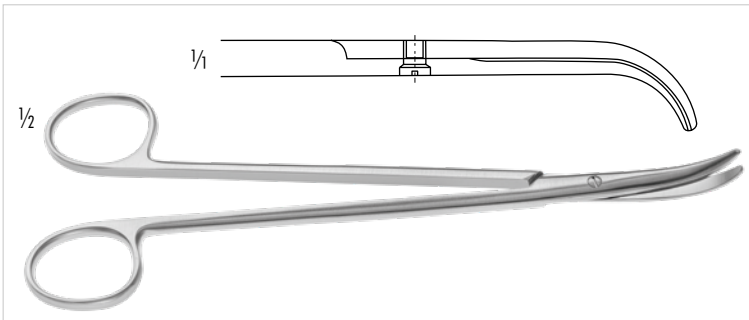
120-521-180 180 mm, 7 inch

120-521-200 200 mm, 8 inch

METZENBAUM

TC Präparierschere, gebogen

TC Dissecting scissors, curved

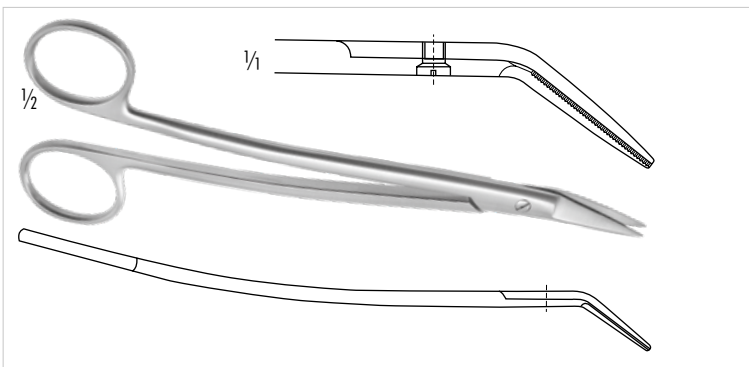


120-133-190

THOREK

Tonsillenschere, stark gebogen, 190 mm

Tonsil scissors, strong curved, 7 1/2 inch

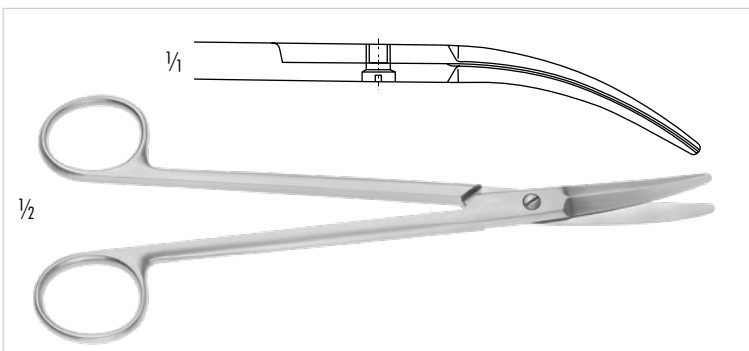


120-213-170

DEAN

Tonsillenschere, aufgebogen, Blätter gezahnt, 170 mm

Tonsil scissors, angled upwards, serrated blades, 6 3/4 inch

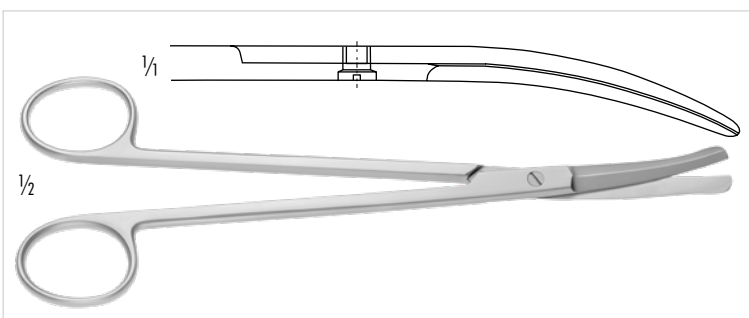


120-209-180

BOETTCHER

Tonsillenschere, gebogen, 180 mm

Tonsil scissors, curved, 7 inch

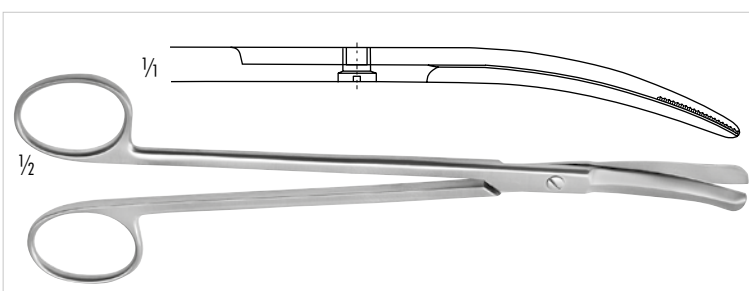


120-217-190

GOOD

Tonsillenschere, 190 mm

Tonsil scissors, 7 1/2 inch

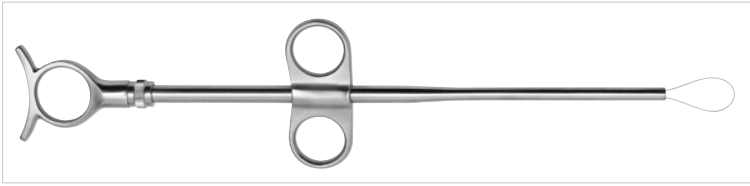


120-218-190

SCHWECKENDIEK

Tonsillenschere, 195 mm

Tonsil scissors, 7 3/4 inch



430-603-280

EVES

Tonsillenschnürer, 285 mm

Tonsil snare, 11 ¼ inch

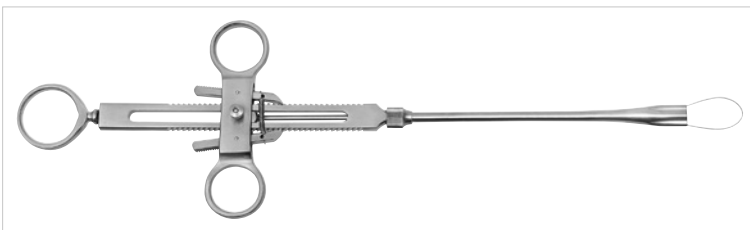


430-604-280

EVES

Tonsillenschnürer, mit Sperre, 285 mm

Tonsil snare, with ratchet, 11 ¼ inch

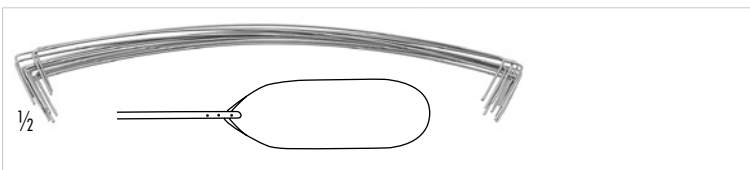


430-605-270

BRUENINGS

Tonsillenschnürer, 270 mm

Tonsil snare, 10 ½ inch

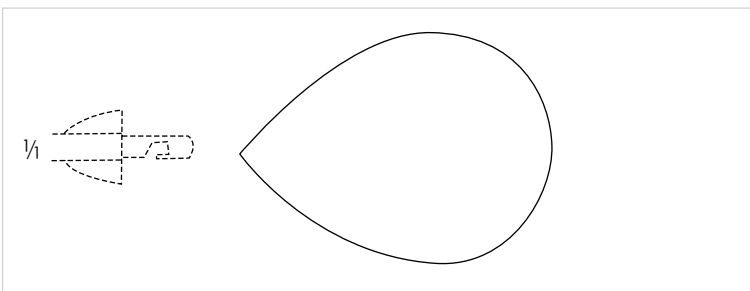


430-606-003 Ø 0,3 mm

430-606-005 Ø 0,5 mm

Schnürerdrähte, Bestelleinheit: DZ=Packung à 12 Stück

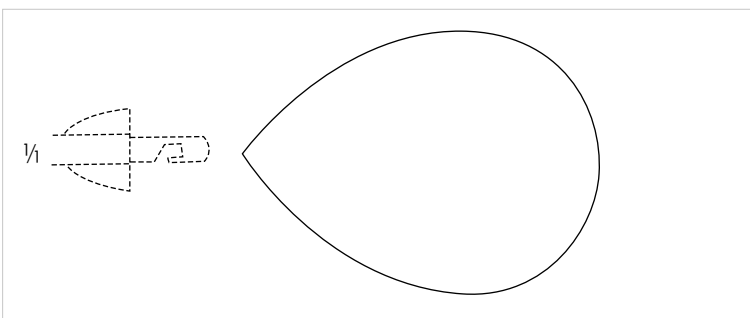
Snare wires, sales unit: DZ=Package of 12 pieces



430-606-040 Ø 0,4 mm

Drahtschlingen, Bestelleinheit: PH=Packung à 100 Stück

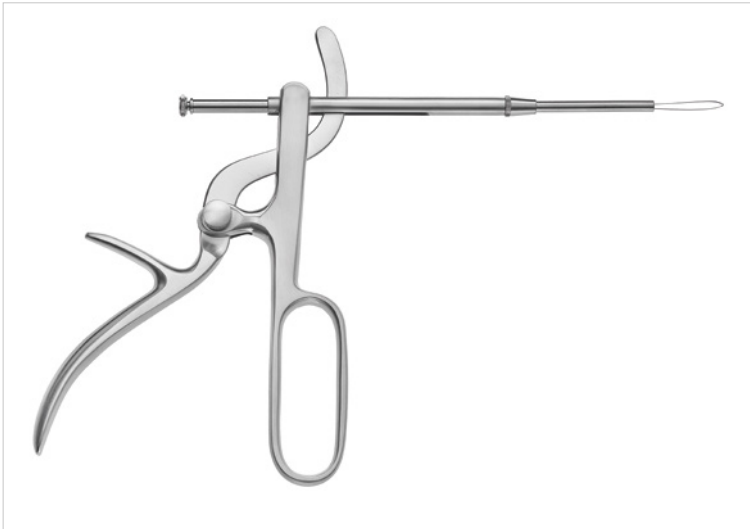
Wire loops, sales unit: PH=Package of 100 pieces



430-607-040 Ø 0,4 mm

Drahtschlingen, Bestelleinheit: PH=Packung à 100 Stück

Wire loops, sales unit: PH=Package of 100 pieces



430-620-000

TYDING

Tonsillenschnürer mit abnehmbarem, geradem Aufsatz 430-620-100
 Tonsil snare with detachable straight tip 430-620-300



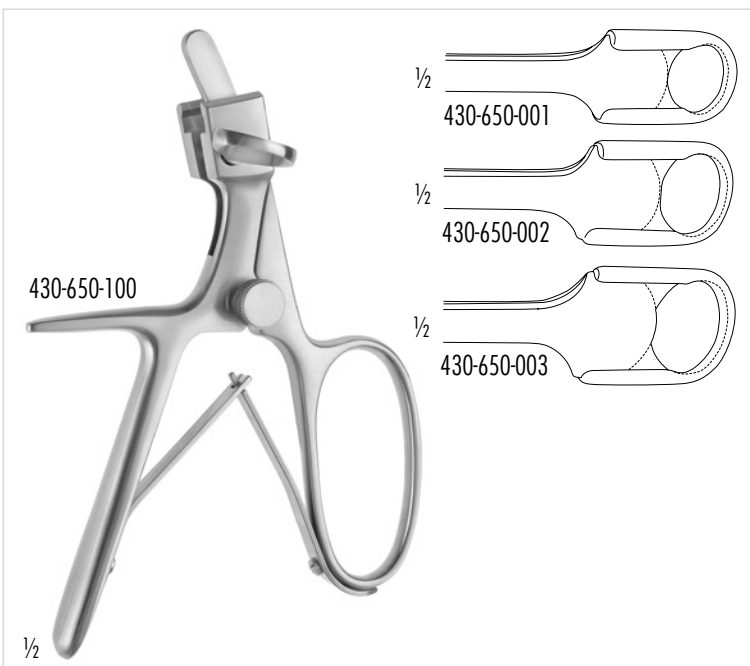
430-620-100

Gerader Aufsatz, allein
 Straight tip, only



120-265-120

Drahtschere, eine Schneide gezahnt, 120 mm
 Wire cutting scissors, on blade serrated, 4 ¾ inch



430-650-001 Fig. 1

430-650-002 Fig. 2

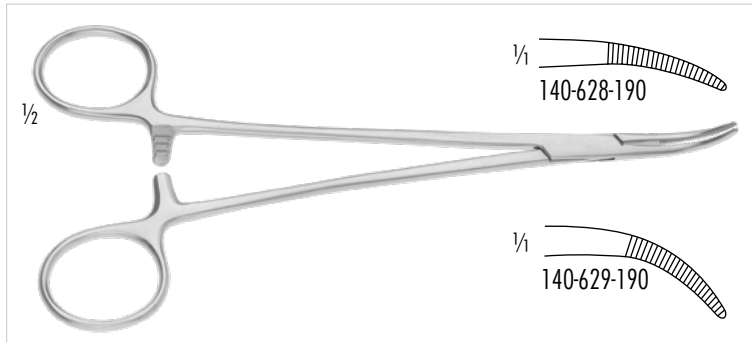
430-650-003 Fig. 3

SLUDER-BALLENGER

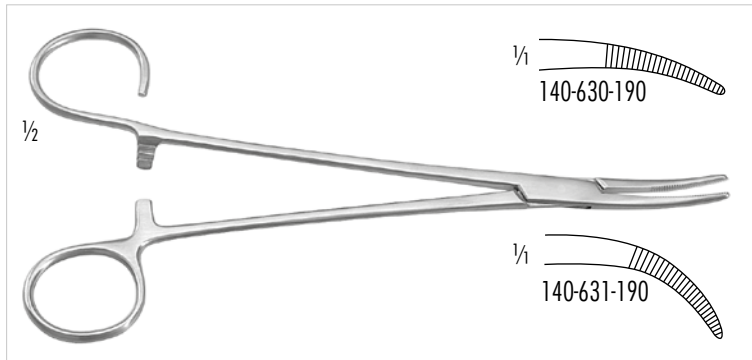
Aufsätze für Tonsillotomgriff 430-650-100
 Blades for tonsillotome handle 430-650-100

430-650-100

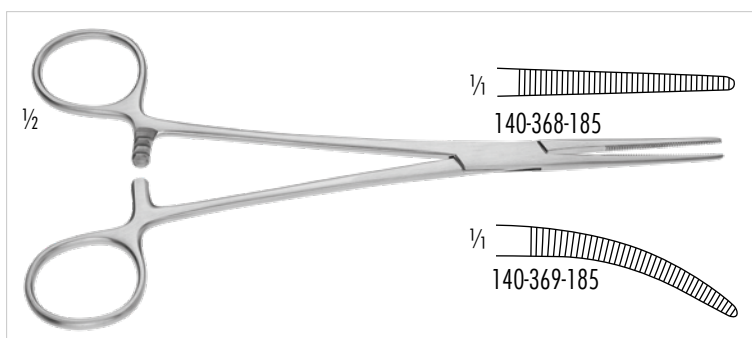
Tonsillotomgriff für Aufsätze 430-650-001 - 430-650-003
 Tonsillotome handle for blades 430-650-001 - 430-650-003



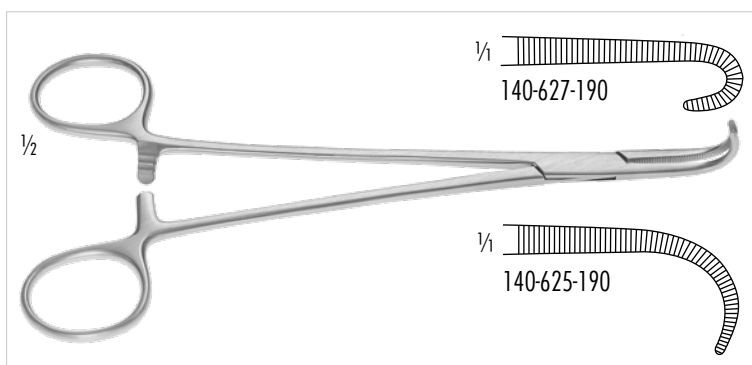
140-628-190 leicht gebogen/slightly curved
 140-629-190 stark gebogen/strongly curved
SCHNIDT
 Tonsillenklemme, 190 mm
 Tonsil artery forceps, 7 1/2 inch



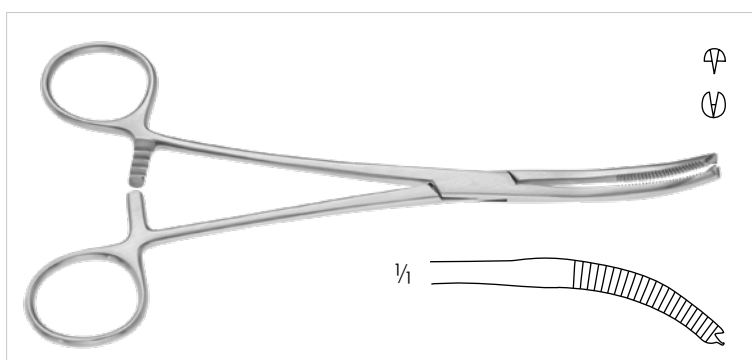
140-630-190 leicht gebogen/slightly curved
 140-631-190 stark gebogen/strongly curved
SCHNIDT
 Tonsillenklemme, mit offenem Ring, 185 mm
 Tonsil artery forceps, with open ring, 7 1/4 inch



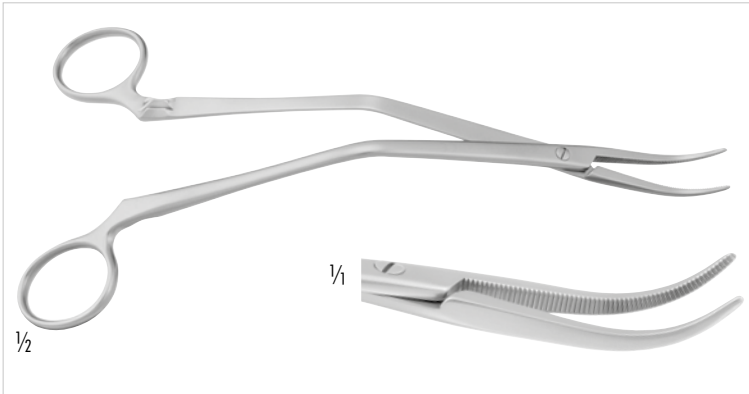
140-368-185 gerade/straight
 140-369-185 gebogen/curved
BIRKETT
 Arterienklemme, 185 mm
 Hemostatic forceps, 7 1/4 inch



140-625-190 leicht gebogen/slightly curved
 140-627-190 stark gebogen/strongly curved
NEGUS
 Tonsillenklemme, 190 mm
 Tonsil artery forceps, 7 1/2 inch



140-549-200
MIKULICZ
 Tonsillenklemme, 1x2 Zähne, 200 mm
 Tonsil artery forceps, 1x2 teeth, 8 inch



140-639-190

WILSON

Tonsillenklemmen, sehr fein, 190 mm

Tonsil artery forceps, very delicate, 7 1/2 inch



180-720-230

CLAUS-EICKEN

Unterbindungsnaedel, 230 mm

Ligature needle, 9 inch



180-711-240

NAGER

Unterbindungsnaedel, 240 mm

Ligature needle, 9 1/2 inch



180-718-210 links/left

180-719-210 rechts/right

HURD

Unterbindungsnaedel, 210 mm

Ligature needle, 8 1/4 inch



430-500-260

ROEDER

Ligaturinstrument, 260 mm

Ligature instrument, 10 1/4 inch

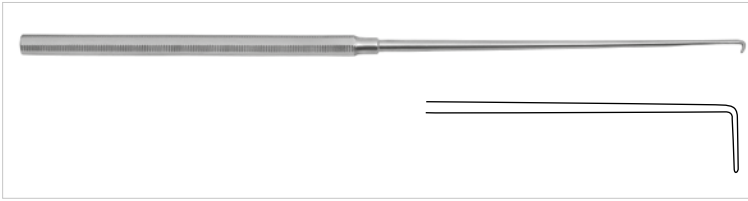


430-505-205

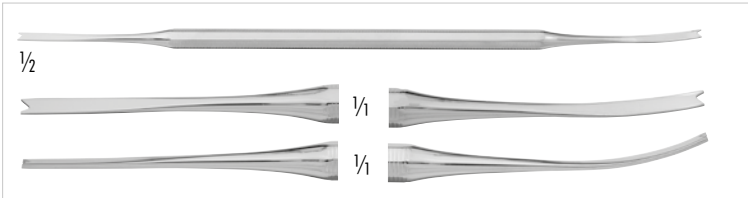
NEGUS

Fadengabel, 205 mm

Knot tyer, 8 inch



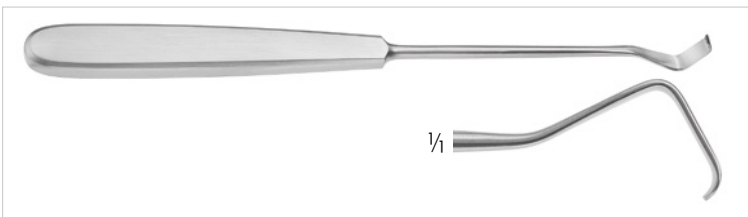
430-506-210
CLAUS-EICKEN
 Fadenfänger, 210 mm
 Suture hook (catcher), 8 ¼ inch



430-602-175
LUNIATSCHEK
 Tonsillen Tamponstopfer, 2 mm, 190 mm
 Tonsil gauze packers, 2 mm, 7 ½ inch



430-520-230
NAGER
 Tonsillenretraktor, 230 mm
 Tonsil retractor, 9 inch



430-245-200
SCHOENBORN
 Gaumenhaken, 13 x 6 mm, 210 mm
 Uvula hook, 13 x 6 mm, 8 ¼ inch



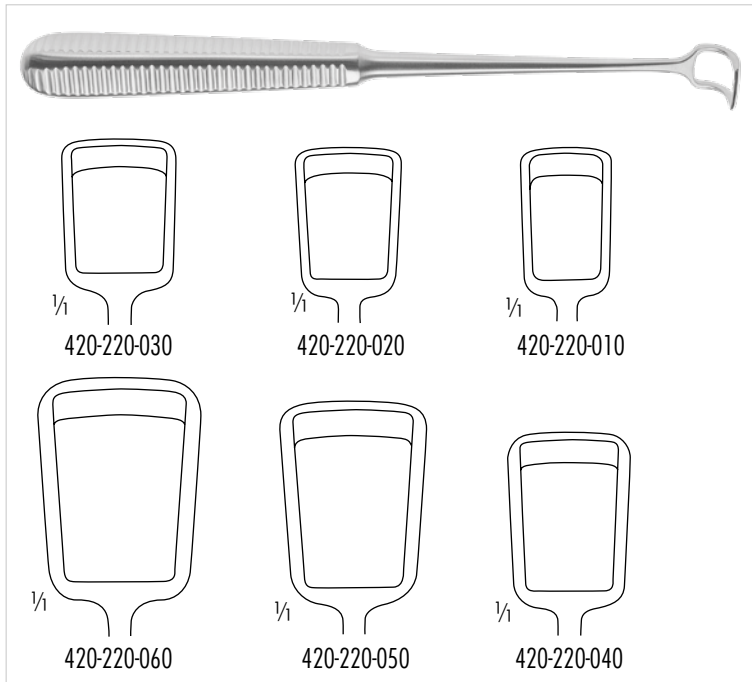
430-300-230
HOFER
 Gaumenretraktor, 240 mm
 Uvula retractor, 9 ½ inch



430-522-230
HURD
 Elevator, 230 mm
 Elevator, 9 inch



430-524-210
NAGER
 Gaumenhaken, 210 mm
 Uvula retractor, 8 ¼ inch

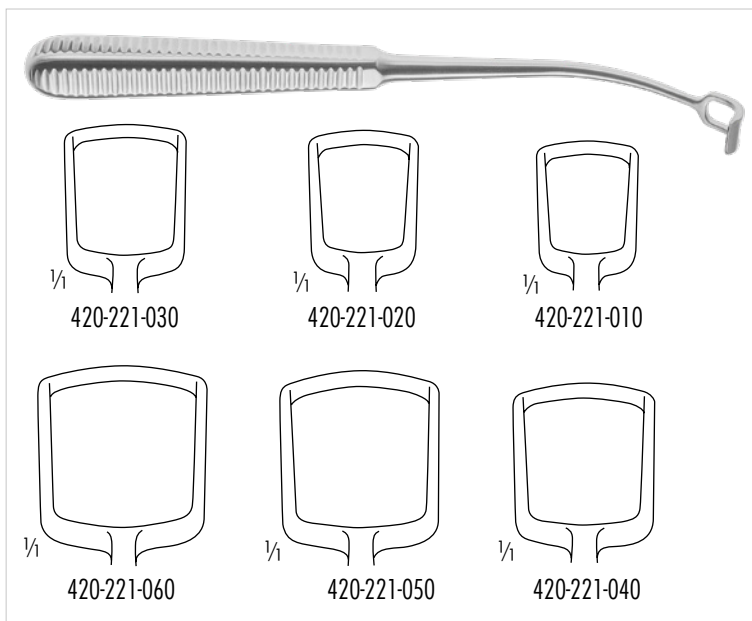


- 420-220-010 8 mm, Fig. 1
- 420-220-020 10 mm, Fig. 2
- 420-220-030 12 mm, Fig. 3
- 420-220-040 14 mm, Fig. 4
- 420-220-050 16 mm, Fig. 5
- 420-220-060 18 mm, Fig. 6
- 420-220-070 19.5 mm, Fig. 7

BECKMANN

Ringmesser, 220 mm

Adenoid curette, 8 3/4 inch

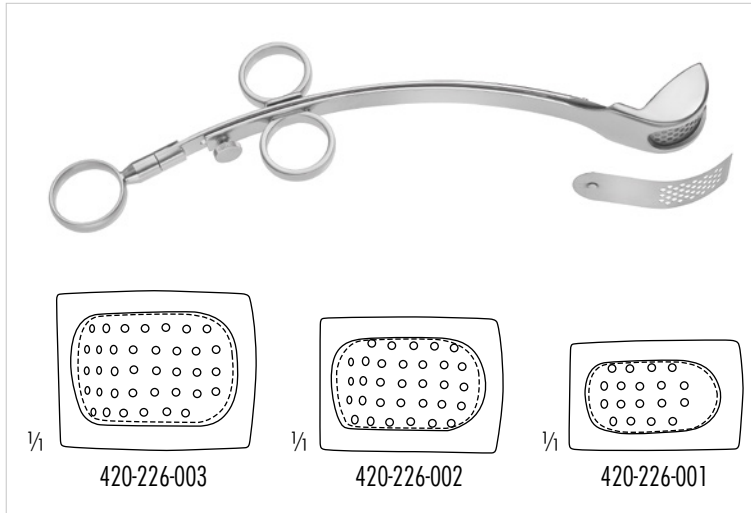


- 420-221-010 8 mm, Fig. 1
- 420-221-020 10 mm, Fig. 2
- 420-221-030 12 mm, Fig. 3
- 420-221-040 14 mm, Fig. 4
- 420-221-050 16 mm, Fig. 5
- 420-221-060 18 mm, Fig. 6
- 420-221-070 19.5 mm, Fig. 7

BECKMANN

Ringmesser, gebogen 220 mm

Adenoid curette, curved 8 3/4 inch



420-226-001 12 mm
420-226-002 16 mm
420-226-003 18 mm

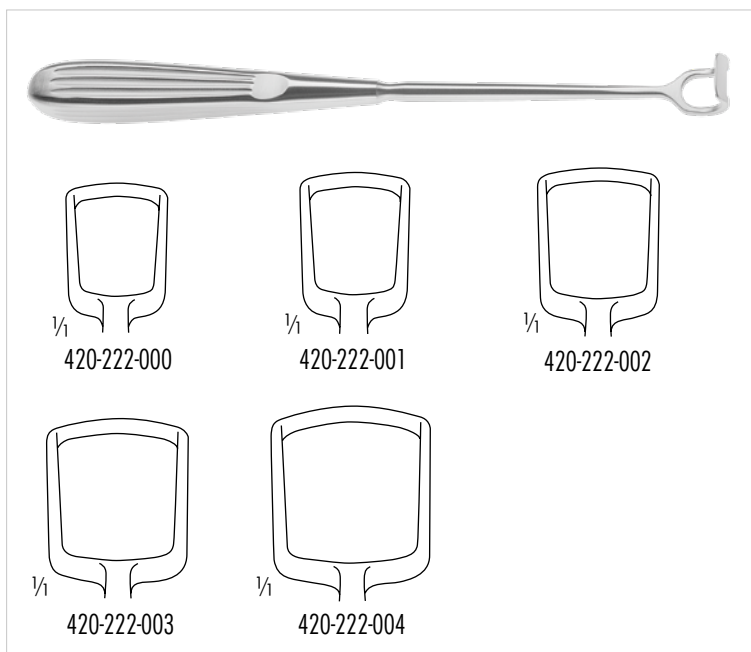
LA FORCE

Pharynx Tonsillotomy, 230 mm
Adenotomes, 9 inch

420-226-101
420-226-102
420-226-103

LA FORCE

Eratzklingen, allein, gelocht, passend
für 420-226-001 - 420-226-003
Spare blades only, perforated, suitable
for 420-226-001 - 420-226-003



420-222-000 Fig. 0
420-222-001 Fig. 1
420-222-002 Fig. 2
420-222-003 Fig. 3
420-222-004 Fig. 4

BARNHILL

Ringmesser, 220 mm
Adenoid curette, 8 3/4 inch



420-395-240

JATHO

Nasenrachenraumzange, 240 mm

Nasopharynx forceps, 9 ½ inch

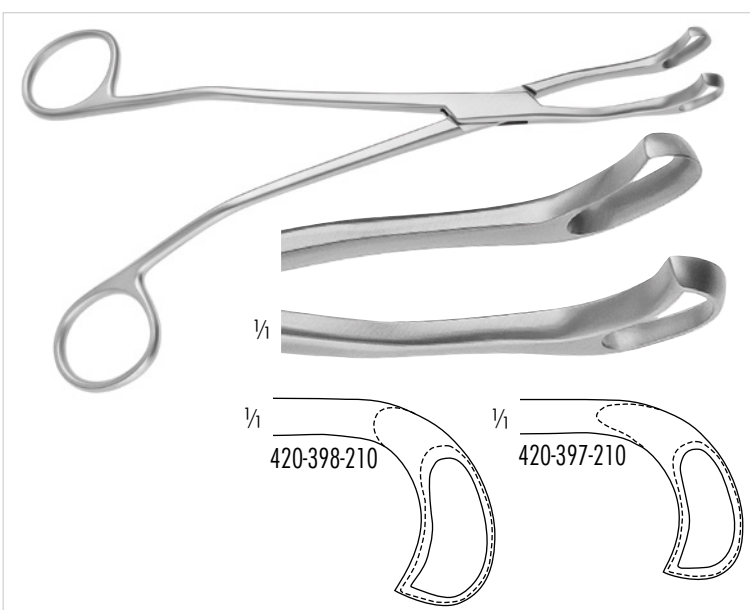


420-396-190

JURASZ

Nasenrachenzange für Kinder, 190 mm

Adenoid cutting forceps for children, 7 ½ inch



420-397-210 Fig. 1

420-398-210 Fig. 2

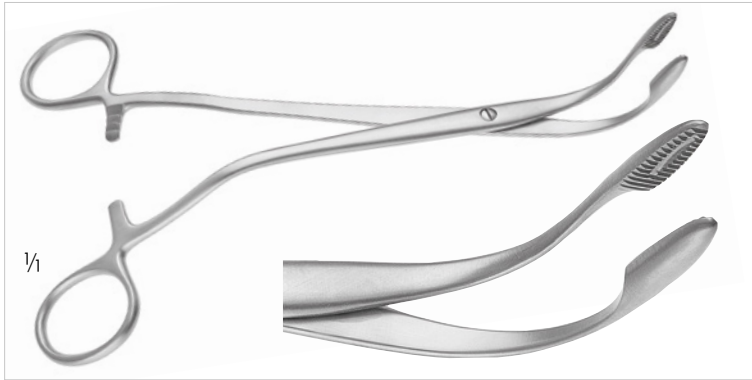
JURASZ

Nasenrachenzange, 210 mm

Adenoid cutting forceps, 8 ¼ inch

420-398-210

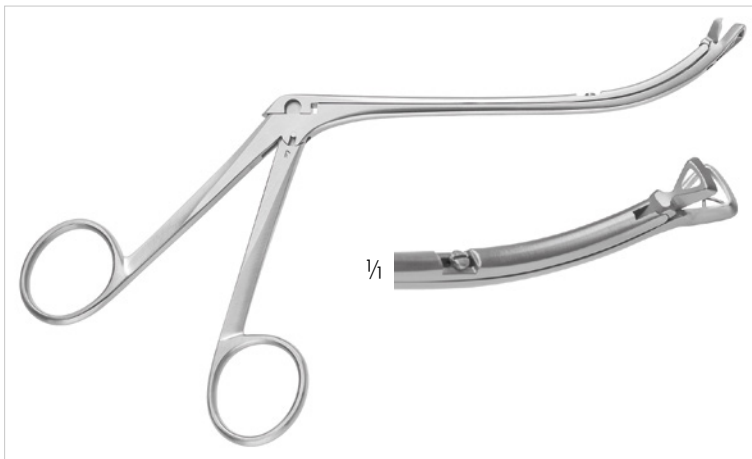
420-397-210



420-398-190

DUPLAY

Nasenrachenraum Tupferzange, s-förmig gebogen, 190 mm
 Nasopharyngeal sponge holding forceps, s-shaped, 7 1/2 inch



420-391-000 Fig.0 6 mm

420-391-001 Fig.1 7 mm

420-391-002 Fig.2 8 mm

RONIS

Adenoidzange, durchschneidend, Schaft aufgebogen,
 dreieckig, Arbeitslänge: 130 mm

Adenoid Forceps, through cutting, upcurved shaft,
 triangular bite, working length: 5 inch

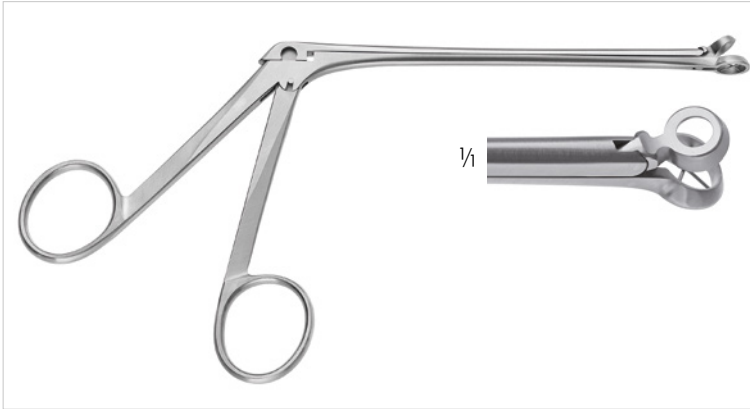


420-391-115

KING

Adenoidzange, durchschneidend, Schaft abgebogen,
 dreieckig, Fig. 1, 7mm Schnitt, 130mm

Adenoid Forceps, through cutting, downcurved shaft,
 triangular bite, Fig. 1, 7 mm bite, 5 inch



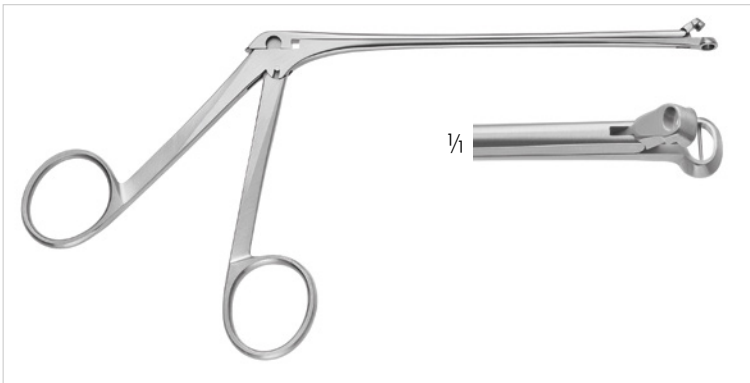
420-401-001 7 mm, Fig.1

420-401-002 8 mm, Fig.2

MELZER

Adenoidzange, durchschneidend, rund, mit Gitter, 140 mm

Adenoid Forceps, through cutting, round, with basket, 5 1/2 inch

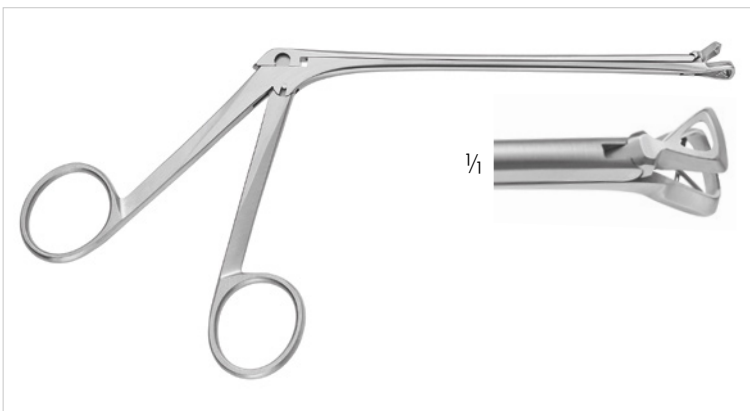


420-401-201 Fig.1

MELZER

Adenoidzange, durchschneidend, oval, 5,2x 3,2mm Schnitt,
Arbeitslänge: 140 mm

Adenoid Forceps, through cutting, oval, 5.2 x 3.2mm bite,
working length: 5 1/2 inch



420-401-100 6 mm, Fig.0

420-401-101 7 mm, Fig.1

420-401-102 8 mm, Fig.2

420-401-103 10 mm, Fig.3

MELZER

Adenoidzange, durchschneidend, dreieckig, mit Gitter, 140 mm

Adenoid Forceps, through cutting, triangular, with basket, 5 1/2 inch

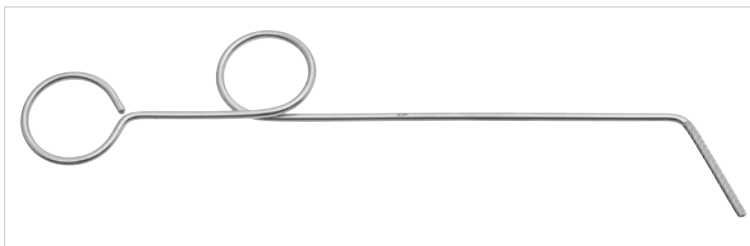


420-131-190

YANKAUER

Nasenrachenraum Spekulum, 190 mm

Nasopharyngeal speculum, 7 1/2 inch



160-481-200 Ø 2.3 mm

HARTMANN

Watteträger, spiralförmig gerieft, 220 mm

Postnasal applicator, spiral end, 8 1/2 inch



410-046-180 Ø 1,0 mm

RZ

Speichelgangsonde, aus Silber, 180 mm

Salival duct probe, silver plated, 7 inch

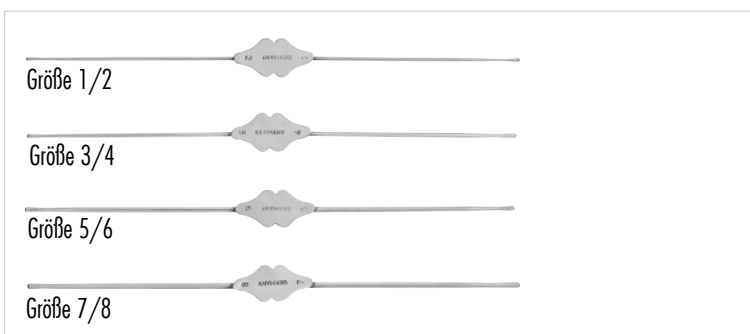


410-045-180 Ø 1,0 mm

SEIFFERT

Speichelgangsonde, aus Silber, 180 mm

Salival duct probe, silver plated, 7 inch



400-310-001 Fig. 1/2

400-310-002 Fig. 00/0

400-310-003 Fig. 3/4

400-310-004 Fig. 0000/000

400-310-005 Fig. 5/6

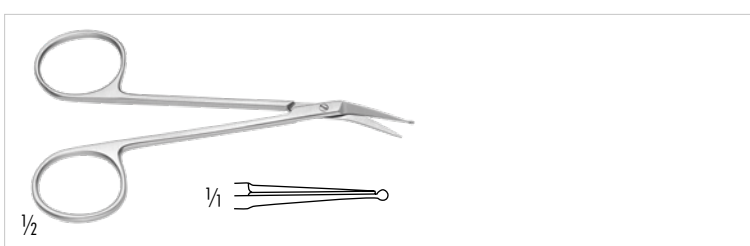
400-310-006 Fig. 000/00

400-310-007 Fig. 7/8

BOWMAN

Sonden, silber

Lacrimal probes, silver plated



420-100-100

PERWITZSCHKY

Speichelgangschere, 100 mm

Salival scissors, 4 1/2 inch



1/2

252-005-170 Ø 0.8mm
Tonsillenanüle, gerade, mit LUER-Lock-Ansatz
Tonsil needle, straight, with Luer-lock attachment



1/2

252-004-170 Ø 0.8mm
Tonsillenanüle, gebogen, mit LUER-Lock-Ansatz
Tonsil needle, strongly curved, with Luer-lock attachment



1/2

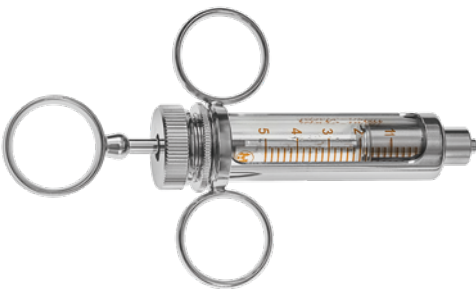
252-003-170 Ø 0.8mm
Septumkanüle, abgewinkelt, mit LUER-Lock Ansatz
Septum needle, angled, with Luer-lock attachment



1/2

Ø 0,8 mm

252-001-170 Ø 0.8mm
Septumkanüle, bajonettförmig gebogen, mit LUER-Lock Ansatz
Septum needle, bayonet-shaped, with Luer-lock attachment



165-855-020 3 ml
165-855-050 5 ml
165-855-100 10 ml
Spritze, komplett
Syringe, complete



165-856-020 3 ml
165-856-050 5 ml
165-856-100 10 ml
Glaszylinder, allein
Glas cylinder, only



100-866-230
Tonsillen Bipolare Elektrode, stumpf, Nutzlänge 230 mm
Tonsil bipolar electrode, blunt, working length 9 inch

Bipolare Anschlußkabel/Bipolar Cables



			
2-Bananen-Stecker 2-banana-pin *	Erbe	Martin, Berchtold, Aesculap GK55 + GK60	Valleylab, Lamidey, EMC

Flachstecker/flat-plug

	3 m	700-350-030	700-101-001	700-287-030	700-351-031
	5 m	700-350-050	700-101-000	700-287-050	700-351-051

Flachstecker, Vierkant/flat-plug, square

	3 m	700-350-130	700-101-130	700-287-130	700-351-131
	5 m	700-350-150	700-101-150	700-287-150	700-351-151

* Innerhalb Europas nicht mit CE-Markierung erhältlich
Not available with CE marking within Europe

LARYNGOSCOPY

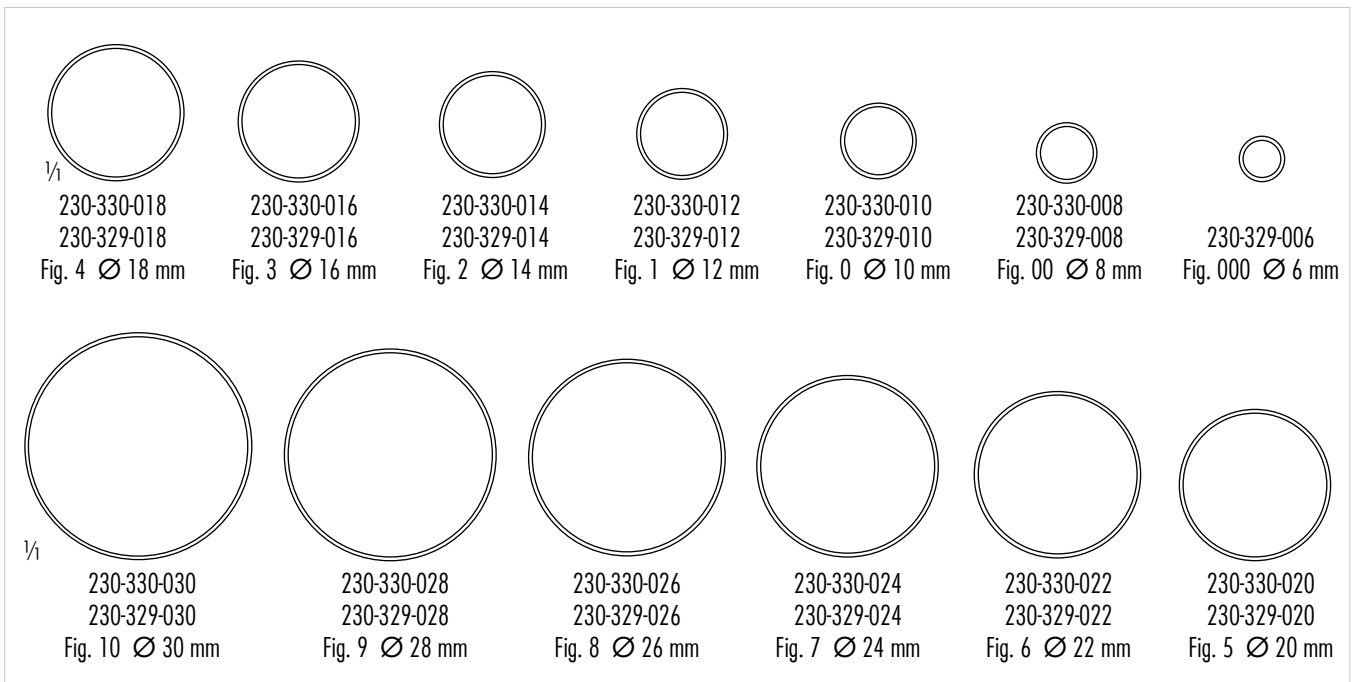




230-329-006 - 230-329-030
Kehlkopfspiegel, 120 mm
Laryngeal mirror, 4 1/2 inch



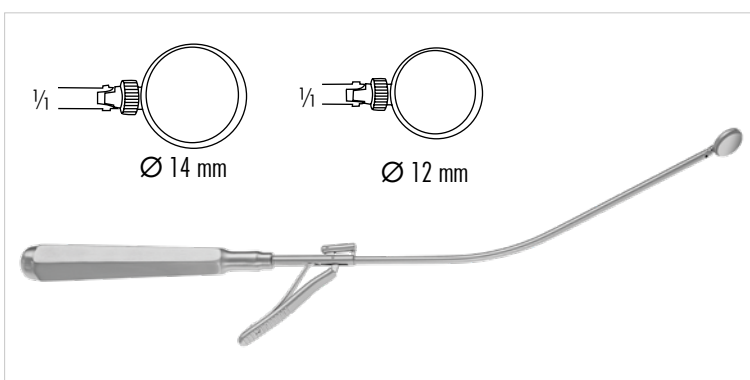
230-330-006 - 230-330-030
Kehlkopfspiegel mit Sechskantgriff, 180 mm
Laryngeal mirror with hexagonal handle, 7 inch



230-332-105
Spiegelgriff, 110 mm
Mirror handle, 4 3/8 inch



230-331-110
Spiegelgriff mit Feststellschraube, 110 mm
Mirror handle with set screw, 4 3/8 inch



430-788-012 Ø 12 mm 430-788-016 Ø 16 mm
430-788-014 Ø 14 mm 430-788-018 Ø 18 mm
MICHEL
Nasenspiegel mit austauschbaren Spiegelaufsätzen, 250 mm
Rhinoscopic mirror with interchangeable mirror inserts, 10 inch



430-800-100

Kehlkopf-Zerstäuber mit Glaszylinder, 12 ml
Laryngeal-Atomizer with glass barrel, 12 ml



430-803-230

REICHERT

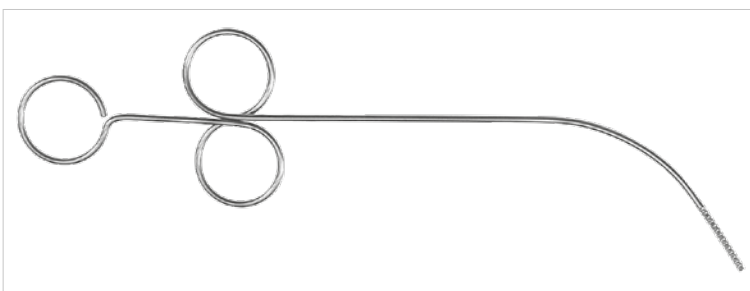
Kehldeckelhalter, 240 mm
Epiglottis retractor, 9 1/2 inch



430-805-250

KILLIAN

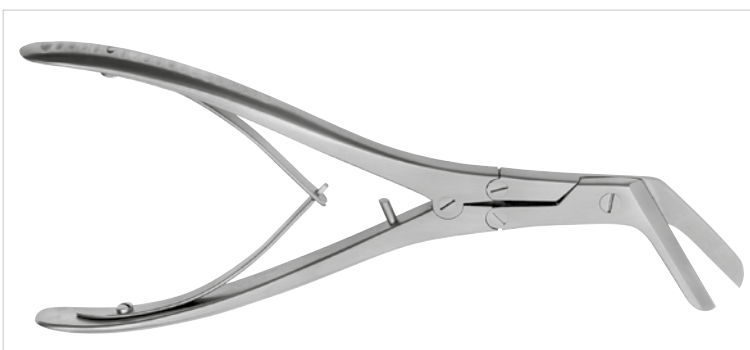
Watteträger, 250 mm
Laryngeal applicator, 10 inch



160-495-280

FEIN

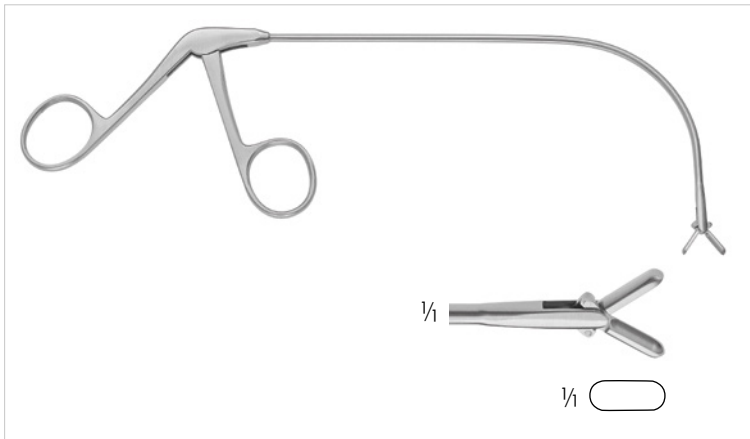
Watteträger, 280 mm
Laryngeal applicator, 11 inch



430-813-060

KILLIAN

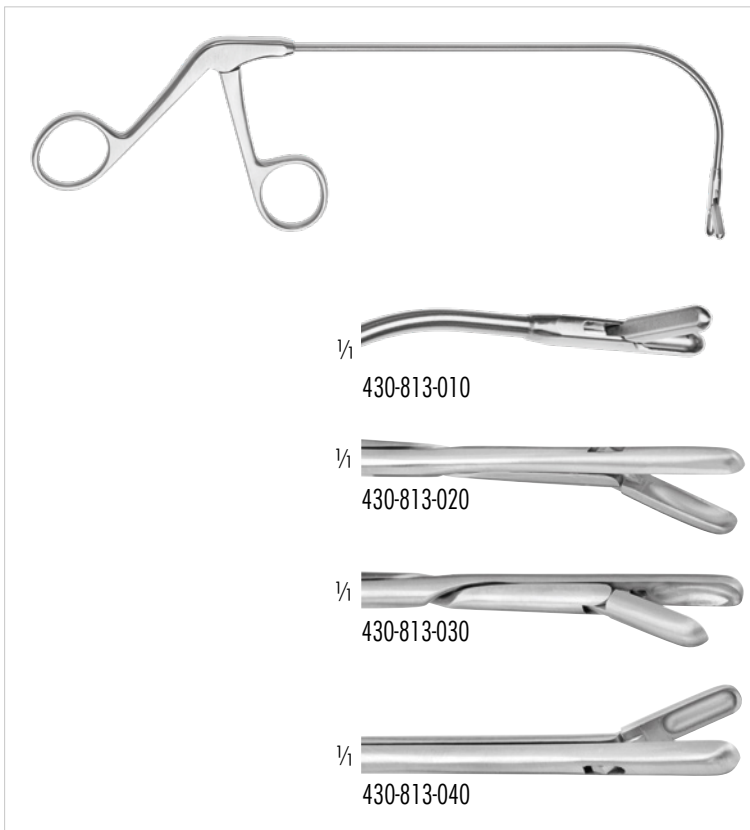
Laryngo-Fissuren-Schere, 220 mm
Laryngectomy scissors, double action, 8 inch



430-813-050

FRAENKEL

Kehlkopfzange, doppelseitig öffnend, länglich ovales Maul, 170 mm
 Laryngeal forceps, both sides opening, longitudinal oval jaws, 6 $\frac{3}{4}$ inch



430-813-010 nach rechts öffnend/opening to the right

430-813-020 nach links öffnend/opening to the left

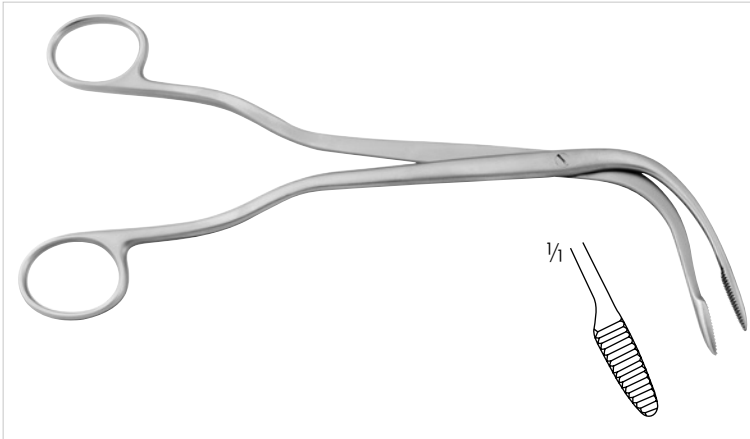
430-813-030 nach unten öffnend/opening downwards

430-813-040 nach oben öffnend/opening upwards

JURASZ

Kehlkopfpolypenzange, 220 mm

Laryngeal polypus forceps, 8 $\frac{1}{2}$ inch



430-815-220

FRAENKEL

Kehlkopfpolypenzange, 220 mm

Laryngeal polypus forceps, 8 ¾ inch



440-120-120

TROUSSEAU

Trachealdilatator, 120 mm

Tracheal dilator, 4 ¾ inch



440-130-140

LABORDE

Trachealdilatator, 140 mm

Tracheal dilator, 5 ½ inch



170-002-165

BOSE

Trachealhäkchen, rechts, für die linke Hand, 160 mm

Tracheal ligature hook, right, for the left hand, 6 ¼ inch

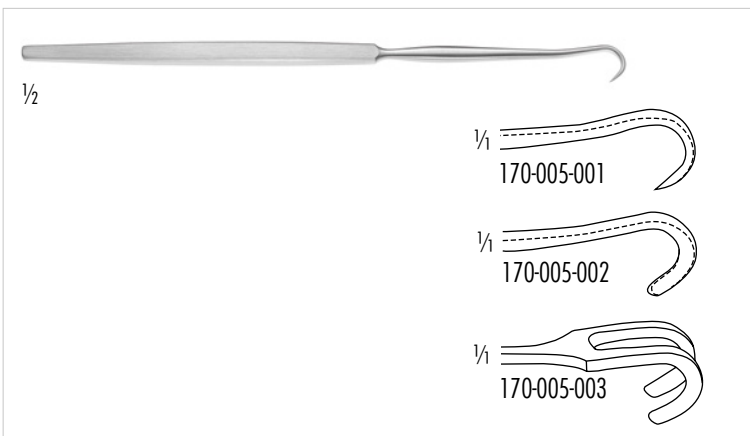


170-003-165

BOSE

Trachealhäkchen, links, für die rechte Hand, 160 mm

Tracheal ligature hook, left, for the right hand, 6 ¼ inch



170-005-001

Trachealhaken, scharf, 160 mm

Tracheal retractor, sharp, 6 ¼ inch

170-005-002

Trachealhaken, stumpf, 160 mm

Tracheal hook, blunt, 6 ¼ inch

170-005-003

Trachealhaken, 2 Zähne, stumpf, 160 mm

Tracheal hook, 2 prongs, blunt, 6 ¼ inch



440-221-160

KOCHER

Kropf Sonde, mit Loch, 160 mm
Goitre director, with hole, 6 inch



440-020-130 Ø 9,0 mm

440-021-130 Ø 7,5 mm

UCKERMANN

Trachealtrokar, 130 mm
Tracheal trocar, 5 inch



170-700-060

BOSE

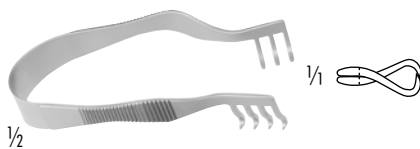
Wundspreizer, 60 mm
Tracheal retractor, 2 3/8 inch



170-701-050

FINSEN

Wundspreizer, 2 x 3 Zähne, stumpf, 50 mm
Tracheal retractor, 2 x 3 teeth, blunt, 2 inch

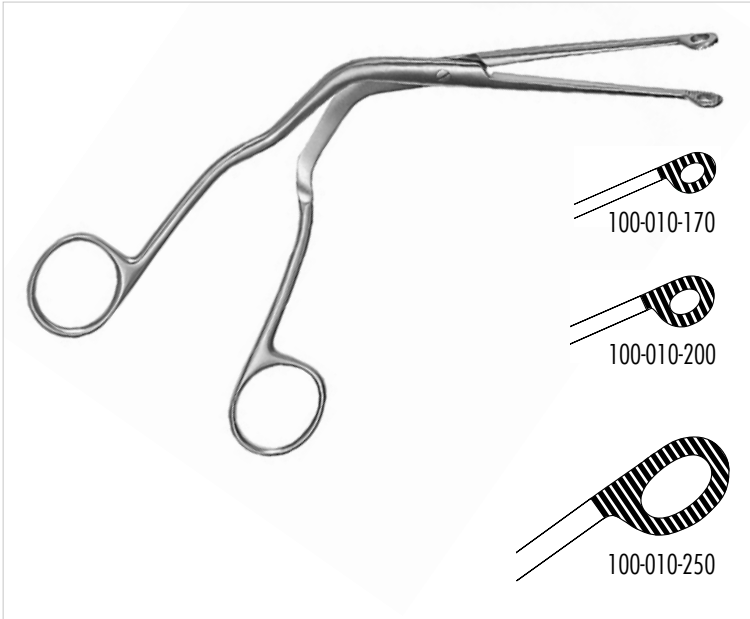


170-702-070 scharf/sharp

170-703-070 stumpf/blunt

FINSEN

Wundspreizer, 3 x 4 Zähne, scharf, 70 mm
Tracheal retractor, 3 x 4 teeth, sharp, 2 3/4 inch



100-010-170

MAGILL

Kleinkinder, 170 cm

Small children, 6 ¼ inch

100-010-200

MAGILL

Kinder, 200 cm

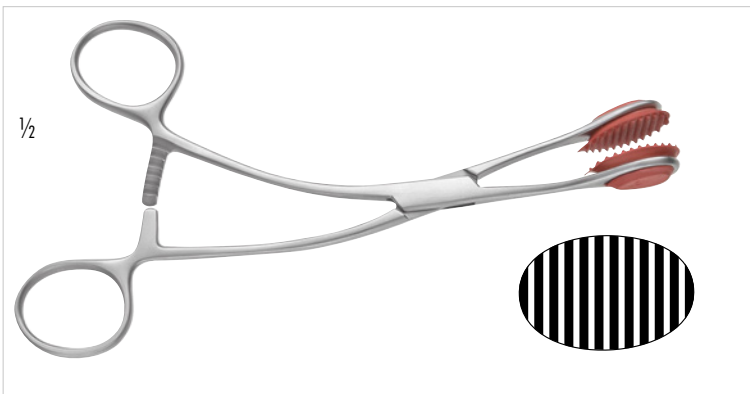
Children, 8 inch

100-010-250

MAGILL

Erwachsene, 250 cm

Adult, 10 inch



430-467-170

YOUNG

170 cm

6 ¼ inch

430-468-000

Ersatz-Gummi Einsatz, 1 Paar

Spare rubber inserts, 1 pair



430-465-160 160 mm/6 ½ inch

430-465-170 170 mm/6 ¾ inch

430-465-190 190 mm/7 ½ inch

COLLIN

Zungenzange

Tongue holding forceps



100-210-000	67 mm, Fig. 00
100-210-001	75 mm, Fig. 0
100-210-002	90 mm, Fig. 1
100-210-003	110 mm, Fig. 2
100-210-004	130 mm, Fig. 3
100-210-005	150 mm, Fig. 4
100-210-006	170 mm, Fig. 5

MC INTOSH (English Model)

Warmlicht Layngoskopspatel

Warm-light laryngoscope blade



100-212-000	67 mm, Fig. 00
100-212-001	75 mm, Fig. 0
100-212-002	100 mm, Fig. 1
100-212-003	155 mm, Fig. 2
100-212-004	195 mm, Fig. 3
100-212-005	205 mm, Fig. 4

MILLER

Warmlicht Layngoskopspatel

Warm-light laryngoscope blade



100-214-000	75 mm, Fig. 00
100-214-001	92 mm, Fig. 0
100-214-002	115 mm, Fig. 1
100-214-003	130 mm, Fig. 2
100-214-004	160 mm, Fig. 3
100-214-005	190 mm, Fig. 4

FOREGGER

Warmlicht Layngoskopspatel

Warm-light laryngoscope blade



100-300-002



100-300-001

100-300-002 Für/for Fig. 00 bis 0
 100-300-001 Für/for Fig. 1 bis 5
 Ersatzlampchen für Spatel
 Spare Lamps for blades



100-260-000
 Halogen Ersatzlampe für Kaltlichtgriff
 Halogen-Lamp for Cold-Light Handle



100-250-000



100-251-000



100-250-002

100-250-000
 Warmlichtgriff, groß, mit Glühbirne, ohne Batterien
 Warm-light handle, large, with bulb, without batteries

100-251-000
 Warmlichtgriff, klein mit Glühbirne, ohne Batterien
 Warm-light handle, small, with bulb, without batteries

100-250-002
 Warmlichtgriff, groß, mit Glühbirne, ohne Batterien,
 Trafo-Anschluss für aufladbare Batterien
 Warm-light handle, large, with bulb, without batteries
 Trafo-connection for rechargeable battery



100-211-010



100-211-011



100-211-012



100-211-014

100-211-010
 Kaltlichtgriff, groß, mit Xenon Lampe, ohne Batterien,
 Trafo-Anschluss für aufladbare Batterien
 Cold-Light handle, large, with Xenon bulb, without batteries
 Trafo-connection for rechargeable battery

100-211-011
 Kaltlichtgriff, Ø18mm, mit Xenon Lampe, ohne Batterien
 Cold-Light handle, Ø18mm, with Xenon bulb, without batteries

100-211-012
 Kaltlichtgriff, Ø30mm, mit Xenon Lampe, ohne Batterien
 Cold-Light handle, Ø30mm, with Xenon bulb, without batteries

100-211-014
 Kaltlichtgriff, Ø 30mm, 2,5V LED-Beleuchtung,
 ohne Trafoanschluss
 Cold-light handle, Ø 30mm, 2.5V LED illumination,
 without trafo connection



- | | |
|-------------|----------------|
| 100-211-000 | 50 mm, Fig. 00 |
| 100-211-001 | 75 mm, Fig. 0 |
| 100-211-002 | 90 mm, Fig. 1 |
| 100-211-003 | 110 mm, Fig. 2 |
| 100-211-004 | 130 mm, Fig. 3 |
| 100-211-005 | 150 mm, Fig. 4 |

MC INTOSH

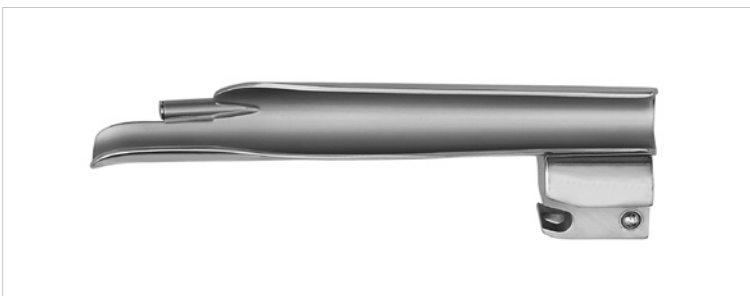
Fiberoptik Kaltlicht Laryngoskopspatel
Fiberoptic cold-light laryngoscope blade



- | | |
|-------------|----------------|
| 100-213-000 | 67 mm, Fig. 00 |
| 100-213-001 | 75 mm, Fig. 0 |
| 100-213-002 | 100 mm, Fig. 1 |
| 100-213-003 | 155 mm, Fig. 2 |
| 100-213-004 | 195 mm, Fig. 3 |
| 100-213-005 | 205 mm, Fig. 4 |

MILLER

Fiberoptik Kaltlicht Laryngoskopspatel
Fiberoptic cold-light laryngoscope blade



- | | |
|-------------|----------------|
| 100-215-001 | 92 mm, Fig. 0 |
| 100-215-002 | 115 mm, Fig. 1 |
| 100-215-003 | 130 mm, Fig. 2 |
| 100-215-004 | 160 mm, Fig. 3 |
| 100-215-005 | 190 mm, Fig. 4 |

FOREGGER

Kaltlicht Laryngoskopspatel
Cold-light laryngoscope blade



- | | |
|-------------|----------------|
| 100-218-003 | 170 mm, Fig. 3 |
| 100-218-004 | 190 mm, Fig. 4 |

MC INTOSH

Kaltlicht Laryngoskopspatel mit flexibler Spitze
Cold-light laryngoscope blade with flexible tip



A Warmlicht Laryngoskop Set im Etui, mit Griff 100-250-000
Warm-light laryngoscope set in Case, with Handle 100-250-000

MC INTOSH (English Model)

100-210-300	5 Spatel/blades, Fig. 0 - 4
100-210-200	4 Spatel/blades, Fig. 1 - 4
100-210-100	3 Spatel/blades, Fig. 1 - 3

MILLER

100-212-300	5 Spatel/blades, Fig. 0 - 4
100-212-200	4 Spatel/blades, Fig. 1 - 4
100-212-100	3 Spatel/blades, Fig. 2 - 4

FOREGGER

100-214-200	5 Spatel/blades, Fig. 0 - 4
100-214-100	4 Spatel/blades, Fig. 1 - 4

B Kaltlicht Laryngoskop Set im Etui, mit Griff 100-211-010
Cold-light laryngoscope set in Case, with Handle 100-211-010

MC INTOSH (English Model)

100-211-300	5 Spatel/blades, Fig. 0 - 4
100-211-200	4 Spatel/blades, Fig. 1 - 4
100-211-100	3 Spatel/blades, Fig. 1 - 3

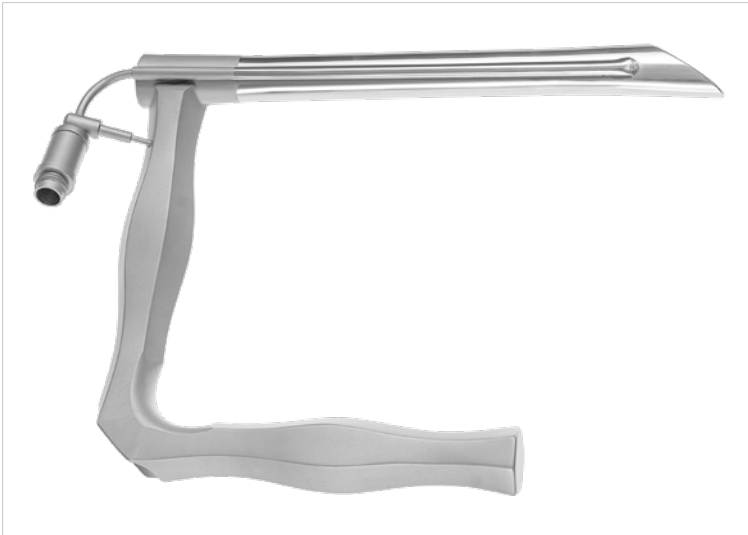
MILLER

100-213-300	5 Spatel/blades, Fig. 0 - 4
100-213-200	4 Spatel/blades, Fig. 1 - 4
100-213-100	3 Spatel/blades, Fig. 2 - 4

FOREGGER

100-215-200	5 Spatel/blades, Fig. 0 - 4
100-215-100	4 Spatel/blades, Fig. 1 - 4



**HOLINGER**

Complete with light carrier

90mm, 3"	Newborn	small	100-510-000
120mm, 5"	Babies	small	100-510-001
170mm, 6 ³ / ₄ "	Children	large	100-510-002
180mm, 7"	Adult	large	100-510-003

HOLINGER

Spare light carrier

Newborn	100-510-100
Babies	100-510-101
Children	100-510-102
Adult	100-510-103

**JACKSON**

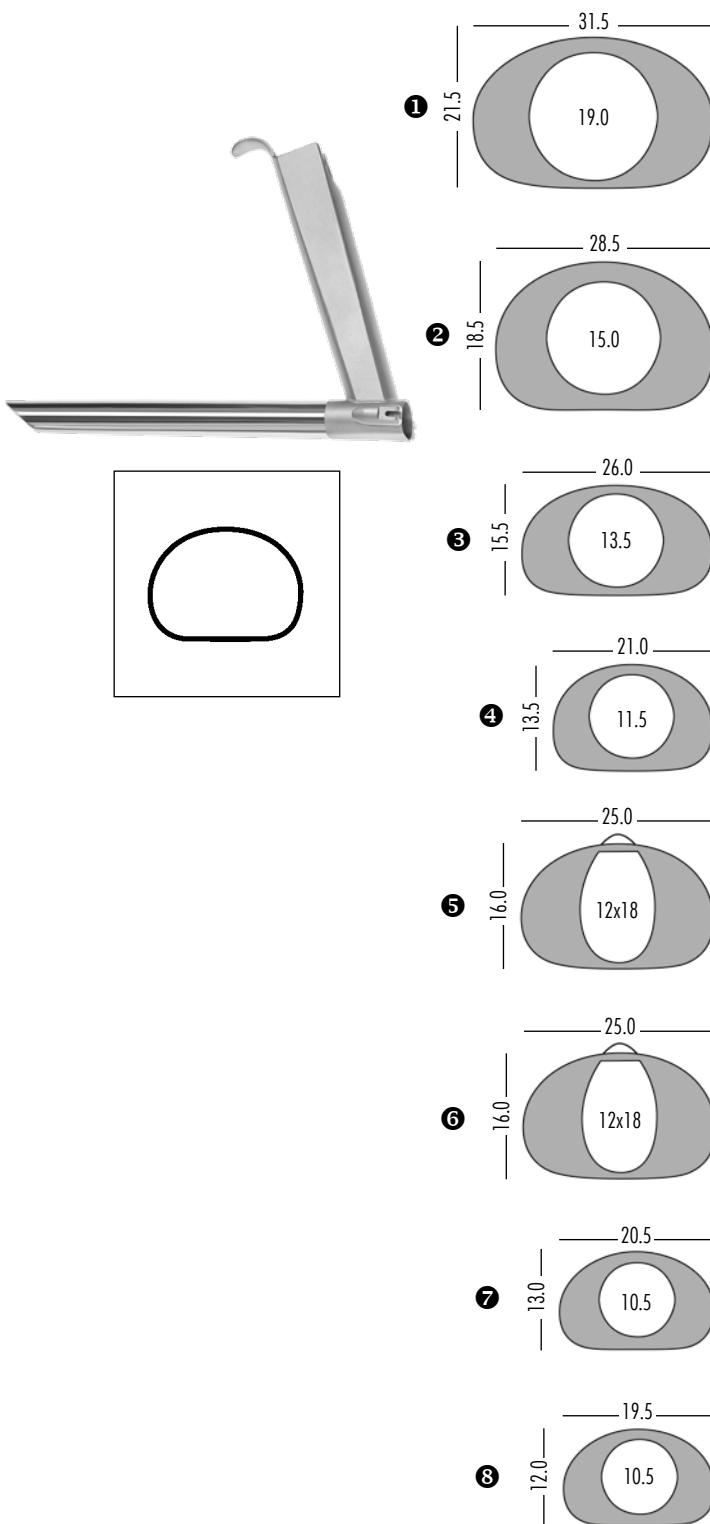
Complete with light carrier

90mm, 3"	Newborn	small	100-505-000
125mm, 5"	Babies	small	100-505-001
170mm, 6 ³ / ₄ "	Children	large	100-505-002
180mm, 7"	Adult	large	100-505-003

JACKSON

Spare light carrier

Newborn	100-505-100
Babies	100-505-101
Children	100-505-102
Adult	100-505-103



1 Adults, extra large

170mm, 6³/₄" 100-500-008

2 Adults, extra large

170mm, 6³/₄" 100-500-005

3 Adults, medium

170mm, 6³/₄" 100-500-004

4 Adults, small

180mm, 7" 100-500-003

5 Adults, medium, anterior

180mm, 7" 100-500-006

6 Adults, medium, long neck

220mm, 9³/₄" 100-500-007

7 Children, small

150mm, 6" 100-500-002

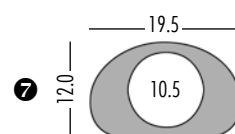
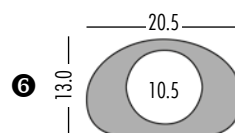
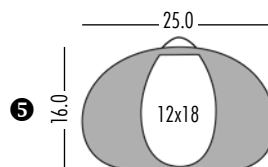
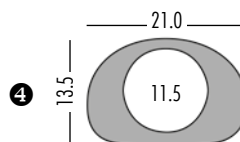
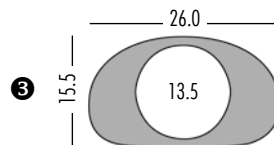
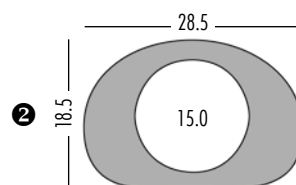
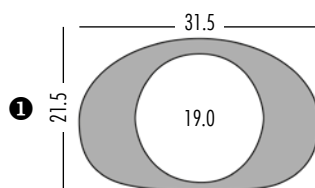
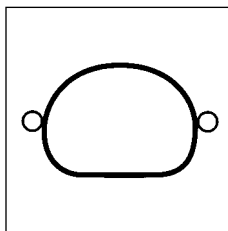
8 Infant, small

130mm, 5" 100-500-001

KLEINSASSER

Operationslaryngoskop

Operation Laryngoscope



① Adults, extra large

170mm, 6³/₄" 100-500-537

② Adults, extra large

170mm, 6³/₄" 100-500-536

③ Adults, medium

170mm, 6³/₄" 100-500-535

④ Adults, small

180mm, 7" 100-500-534

⑤ Adults, medium, anterior

180mm, 7" 100-500-533

⑥ Children, small

150mm, 6" 100-500-532

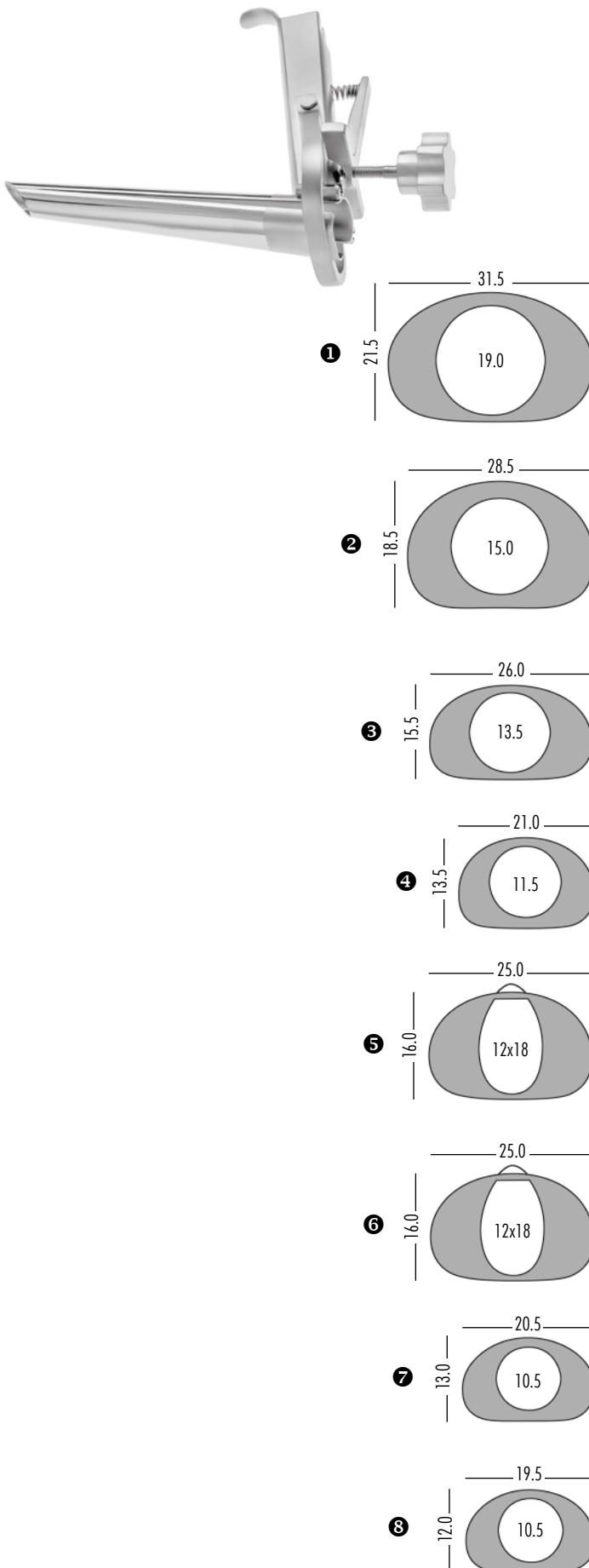
⑦ Infant, small

130mm, 5" 100-500-531

KLEINSASSER-LASER

Operationslaryngoskop

Operation Laryngoscope



1 Adults, extra large

170mm, 6³/₄" 100-500-208

2 Adults, extra large

170mm, 6³/₄" 100-500-205

2 Adults, medium

170mm, 6³/₄" 100-500-204

4 Adults, small

180mm, 7" 100-500-203

5 Adults, medium, anterior

180mm, 7" 100-500-206

6 Adults, medium, long neck

220mm, 9³/₄" 100-500-207

7 Children, small

150mm, 6" 100-500-202

8 Infant, small

130mm, 5" 100-500-201

Operationslaryngoskop, spreizbar
Operation Laryngoscope, spreadable


① Adults, extra large

180mm, 7" 100-500-583

② Adolescent/adults

180mm, 7" 100-500-582

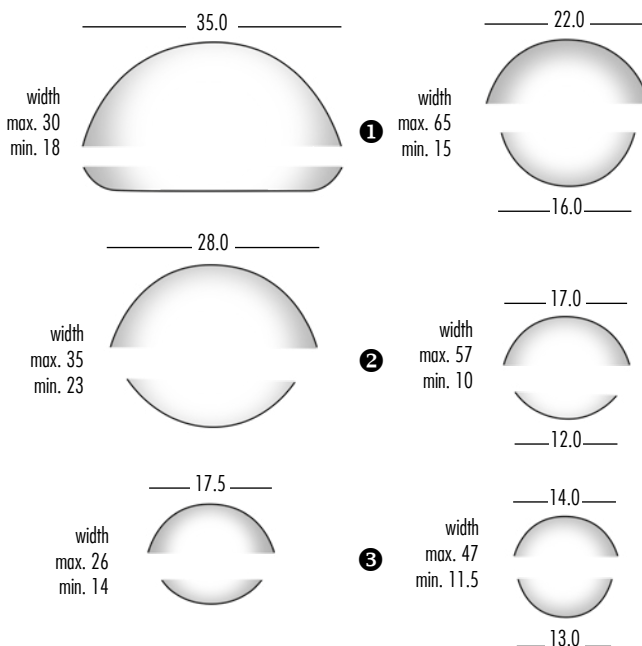
③ Children, small

 135mm, 5¹/₃" 100-500-581

 Operationslaryngoskop, spreizbar
 Operation Laryngoscope, spreadable

PROXIMAL

DISTAL




❶ Adults, large

150mm, 6" 100-500-555

❷ Adults, large

170mm, 6³/₄" 100-500-554

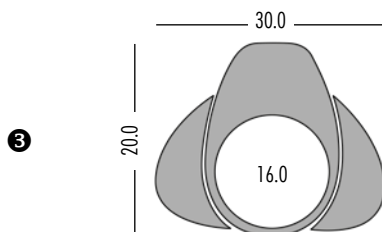
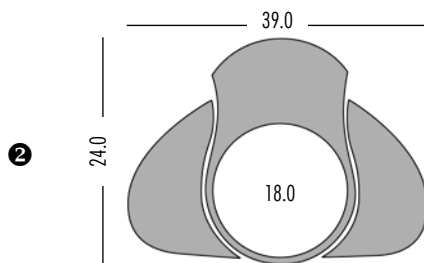
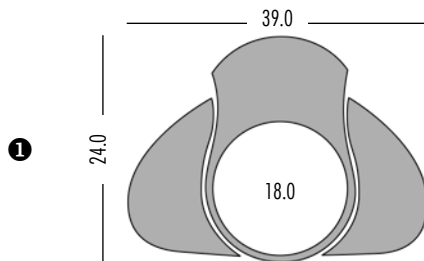
❸ Children, small

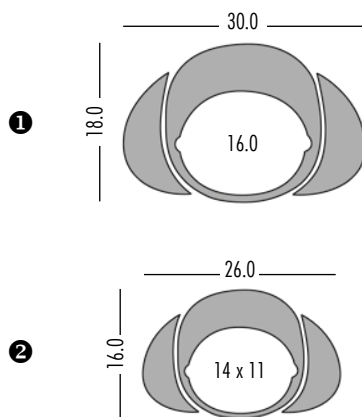
110mm, 4¹/₄" 100-500-553

KLEINSASSER, L.

Operationslaryngoskop

Operation Laryngoscope





1 Children

115mm, 4^{1/2}" 100-500-552

2 Infant

95mm, 3^{3/4}" 100-500-551

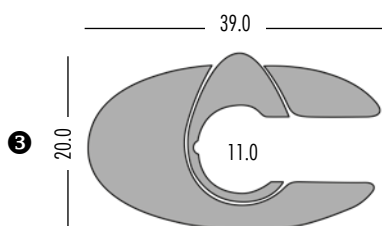
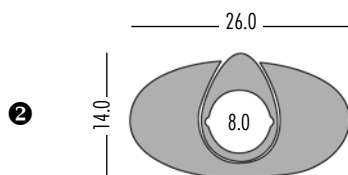
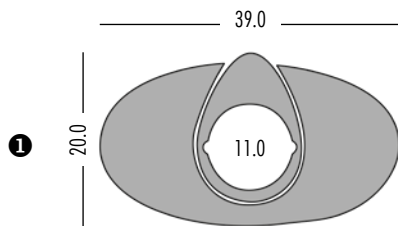
KLEINSASSER, B-L.

Operationslaryngoskop
Operation Laryngoscope

KLEINSASSER, B.



KLEINSASSER, B.-P.



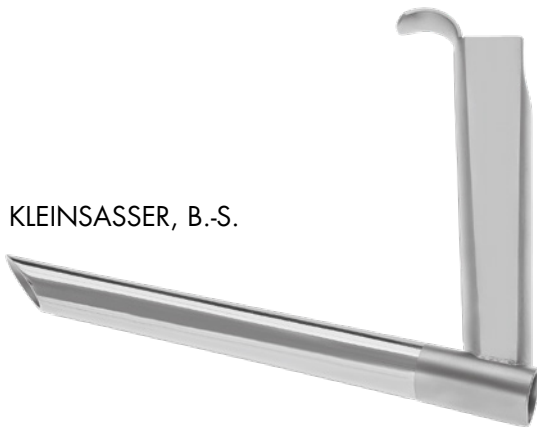
① Kleinsasser, B., children, medium
150mm, 6" 100-500-564

② Kleinsasser, B., children, small
115mm, 4 1/2" 100-500-563

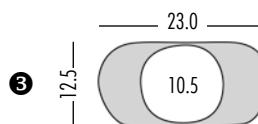
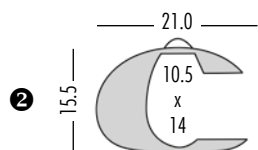
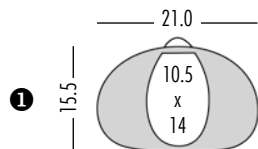
③ Kleinsasser, B.-P., children, medium
150mm, 6" 100-500-562

KLEINSASSER, B.
KLEINSASSER, B.-P.
Operationslaryngoskop
Operation Laryngoscope

KLEINSASSER, B.-S.



KLEINSASSER, B.-P.-S.



① Kleinsasser, B.-S., adult, slender
170mm, 6³/₄" 100-500-573

② Kleinsasser, B.-P.-S., adult, slender
170mm, 6³/₄" 100-500-572

③ Kleinsasser, B.-S., adult, extra-slim
170mm, 6³/₄" 100-500-571

KLEINSASSER, B.-S.
KLEINSASSER, B.-P.-S.
Operationslaryngoskop
Operation Laryngoscope



75mm/3" working length for 100-500-001/100-500-002 100-500-201/100-500-202	100-500-019
140mm/5 1/2" working length for 100-500-003 - 100-500-008 100-500-203 - 100-500-208	100-500-020

Lichtträger
Fiber Optic Light Carrier



120mm/4 3/4" working length for 100-500-531	100-500-538
140mm/5 1/2" working length for 100-500-532	100-500-539
160mm/6 1/4" working length for 100-500-533 - 100-500-537	100-500-540

Lichtträger
Fiber Optic Light Carrier



120mm/4 3/4" working length for 100-500-583 / 100-500-582	100-500-584
100mm/4" working length for 100-500-581	100-500-585

Lichtträger
Fiber Optic Light Carrier



65mm/2 1/2" working length for 100-500-563	100-500-556
75mm/3" working length for 100-500-553 - 100-500-555	100-500-557
120mm/4 3/4" working length for 100-500-562 / 100-500-564	100-500-538

Lichtträger
Fiber Optic Light Carrier



90mm/3 ¹ / ₂ " working length for 100-500-001/100-500-002	100-500-080
125mm/5" working length for 100-500-003/100-500-008	100-500-075

Saugrohr, Ø 3mm
Suction Tube Ø 3mm



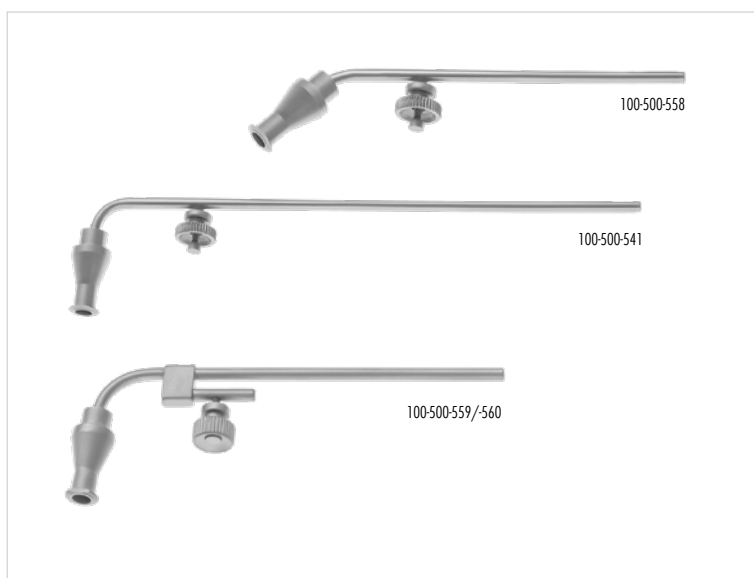
120mm/4 ³ / ₄ " working length for 100-500-531	100-500-541
140mm/5 ¹ / ₂ " working length for 100-500-532	100-500-542
160mm/6 ¹ / ₄ " working length for 100-500-533 - 100-500-537	100-500-543

Saugrohr
Suction Tube



100mm/4" working length for 100-500-583 / 100-500-582	100-500-586
120mm/4 ³ / ₄ " working length for 100-500-581	100-500-587

Saugrohr
Suction Tube



65mm/2 ¹ / ₂ " working length for 100-500-552 / 100-500-551	100-500-558
70mm/2 ³ / ₄ " working length for 100-500-553	100-500-559
85mm/3 ¹ / ₄ " working length for 100-500-555 / 100-500-554	100-500-560
120mm/4 ³ / ₄ " working length for 100-500-562 / 100-500-564	100-500-541

Saugrohr
Suction Tube



85mm/3¹/₄" working length for
100-500-001 - 100-500-008
100-500-201 - 100-500-208

100-500-050

Injektionskanüle
Injection Cannula



70mm/2³/₄" working length
100-500-583 / 100-500-582

100-500-588

Injektionskanüle
Injection Cannula



85mm/3¹/₄" working length for
100-500-553 - 100-500-555

100-500-561

Injektionskanüle
Injection Cannula



135mm/5¹/₄" working length
Ø 2mm

100-500-574

135mm/5¹/₄" working length
Ø 3mm

100-500-575

Injektionskanüle, biegsam
Injection Cannula, malleable



100-500-576

Licht Clip
Light Clip



Chest Support, complete, for Operating Laryngoscopes

240mm, 9 1/2"	Ø95mm	Children	100-500-101
340mm, 13 1/2"	Ø95mm	Adult	100-500-100



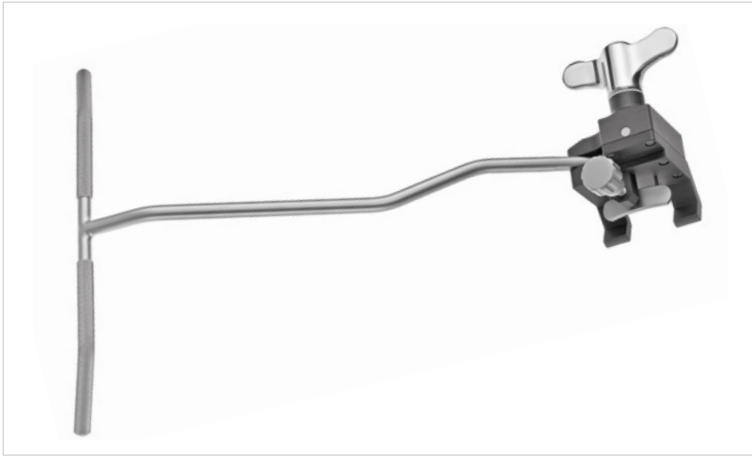
Support Rod, with ring

240mm, 9 1/2"	Ø95mm	Children	100-500-111
340mm, 13 1/2"	Ø95mm	Adult	100-500-113



Joint for Chest Support

100-500-110

**LEWY**

Chest Support, for Operating Laryngoscopes

340mm, 13 1/2"

Adult

100-500-102



Supporting Table for Chest Support, complete set

100-500-150



Laryngoscope Handle, detachable, for LEWY Chest Support and Operating Laryngoscopes

100-512-000



Chest Support, complete, for Operating Laryngoscopes

340mm, 13¹/₂" Ø90mm

100-500-200



Support rod only, for Operating Laryngoscopes

340mm, 13¹/₂" Ø90mm

100-500-210



Chest Support, complete with 2 lateral screws,
for Operating Laryngoscopes

340mm, 13¹/₂" Ø120mm

100-500-400



Support rod

340mm, 13¹/₂" Ø120mm

100-500-410



Joint for Breast Support

100-500-420



100-500-310

Rhino-Pharyngoskop
mit Quarzglasbildbündelsystem,
ca 2-3 µm Pixelgröße, 18000 Pixel

Parameter/Technische Daten:

- hohe Auflösung
- hervorragende Bedienungseigenschaften
- größere Helligkeit

Arbeitslänge

Ø im Bereich der Arbeitslänge

2-fach abgewinkelbare Spitze

Länge der abwinkelbaren Spitze

minimaler Biegeradius

Blickrichtung

Bildwinkel

Fokussierung

im Koffer mit Zubehör, u.a. Manometer

max. 300 mm

3,8 mm

auf 160° ab 160°

20 mm

30 mm

0°

85°

3 - 60 mm



100-500-380

Rhino-Pharyngoskop
mit konventionellem Bildbündelsystem
12.000 Pixel, 10 µm-Fasern

Parameter/Technische Daten:

- kontrastreiches Bild
- hohe Flexibilität
- einfache Fokussierung

Arbeitslänge

Ø im Bereich der Arbeitslänge

2-fach abwinkelbare Spitze

Länge der abwinkelbaren Spitze

minimaler Biegeradius

Blickrichtung

Bildwinkel

Fokussierung

im Koffer mit Zubehör, u.a. Manometer

max. 300 mm

3,4 mm

auf 125° ab 125°

25 mm

30 mm

0°

Weitwinkel

3 mm bis unendlich

Rhino-Pharyngoscope
with fused silica image guide system,
ca. 2-3 µm pixel size, 18000 pixels

Parameter/Technical Data:

- high resolution
- excellent pushing characteristics
- higher illumination

working length

outer Ø

2-way tip-deflection

length of movable tip-section

minimal bending radius

viewing direction

field of view

focussion

in case with accessories a.o. Manometer

max. 300 mm

3.7 mm

up 160°, down 160°

20 mm

30 mm

0°

85°

3 - 60 mm

Rhino-Pharyngoscope
with conventional image guide system,
12.000 pixels, 10 µm-fibres

Parameter/Technical Data:

- high-contrast image
- high flexibility
- easy to focus

working length

outer Ø

2-way tip-deflection

length of movable tip-section

minimal bending radius

viewing direction

field of view

focussion

in case with accessories a.o. Manometer

max. 300 mm

3.4 mm

up 125°, down 125°

25 mm

30 mm

0°

wide angle

3 mm to infinity

Vollständig gassterilisierbar (ETO/Formaldehyd) und in Desinfektionsmittel einlegbar.
Fully soakable, ETO, gas sterilizable



100-500-385

Die Rhino-Pharyngoskope der neuen Generation sind intuitiv bedienbar und ergonomisch optimal geformt, entwickelt für die notwendige Feinfühligkeit im täglichen Routineeinsatz und ein ermüdungsfreies Handling. Hochwertige Bildleiter und ein leistungsfähiges optisches System liefern große und helle Bilder bester Auflösung – die Voraussetzung für eine sichere Diagnose und Therapie.

Dank solider Verarbeitung und konsequenter Verwendung moderner Hochleistungswerkstoffe sind Rhino-Pharyngoskope robuster und langlebiger – trotz steigender Belastung durch moderne Aufbereitungsverfahren. Funktionelles Design für ein entspanntes, angenehmes Handling, feinfühlig aber robuste Steuerung.

Optimale Flexibilität und Torsionssteifigkeit des Einführschachts, leistungsfähiges optisches System, größere, hellere, schärfere Bilder.

Geeignete Wiederaufbereitungsverfahren:

- einlegbar in Reinigungs- und Desinfektionslösung
- STERRAD®
- STERIS®
- ETO
- maschinelle Aufbereitung (RDG-E)

Rhino-Pharyngoskop **mit Arbeitskanal** und ETO-Ventil
14000 pixel

Einführschlauch:	3,8 mm
Arbeitslänge:	300 mm
Abwinklung:	auf/ab 160°
Blickfeld:	85°
Tiefenschärfe:	1-50 mm

Zubehör:

ETO-Kappe
Dichtigkeitstester
Adapter Storz/Olympus
Adapter Wolf

The Rhino-Pharyngoscopes of the new generation allow an intuitive handling: They have been developed in order to meet the required sensitivity in the daily use.

High-quality fibres and a powerful optical system provide great and bright pictures of best resolution – the main condition for a save diagnosis and therapy.

Thanks to the stable manufacture out of modern high-standard material, our Rhino-Pharyngoscopes are very robust and durable – despite growing imposition through modern preparation methods. The functional design offers a relaxed, comfortable handling due to its ergonomic shape under a sensitive but robust control.

Optimal flexibility and torsion rigidity of the sheath.

Suitable preparation methods:

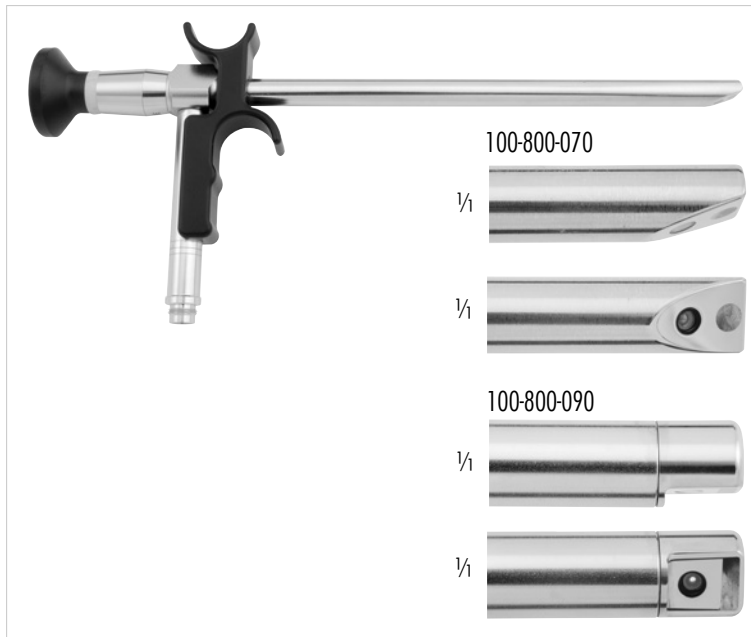
- Solution for cleaning or disinfection
- STERRAD®
- STERIS®
- ETO
- Automatic preparation (RDG-E)

Rhino-Pharyngoscope **with working channel** and ETO valve
14000 pixel

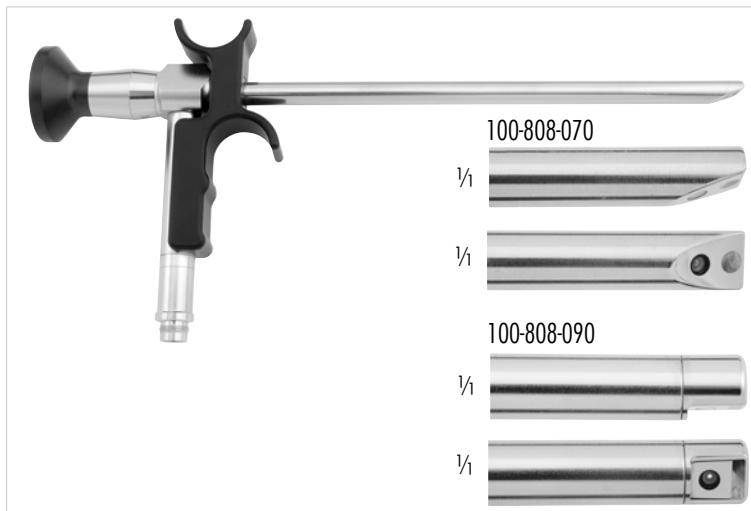
Insertion tube:	3.8 mm
Working length:	11 7/8"
Max bending:	up/down 160°
Field of view:	85°
Depth of field:	1-50 mm

Accessories:

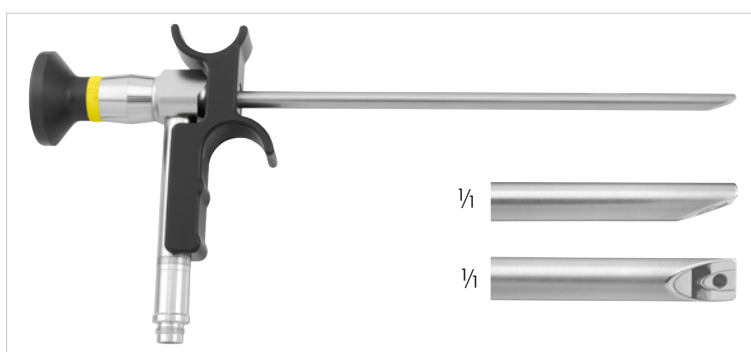
ETO valve
Leakage tester
Adaptor Storz/Olympus
Adaptor Wolf



100-800-070 70°
 100-800-090 90°
 Laryngo-Pharyngoskop, autoklavierbar, Ø 10 mm,
 190 mm Arbeitslänge, 270mm Gesamtlänge
 Laryngo-Pharyngoscope, autoclavable, Ø 10 mm,
 7 1/2 inch working length, 10 2/3 inch overall length



100-808-070 70°
 100-808-090 90°
 Laryngo-Pharyngoskop, autoklavierbar, Ø 8 mm, 190 mm
 Laryngo-Pharyngoscope, autoclavable, Ø 8 mm, 7 1/2 inch



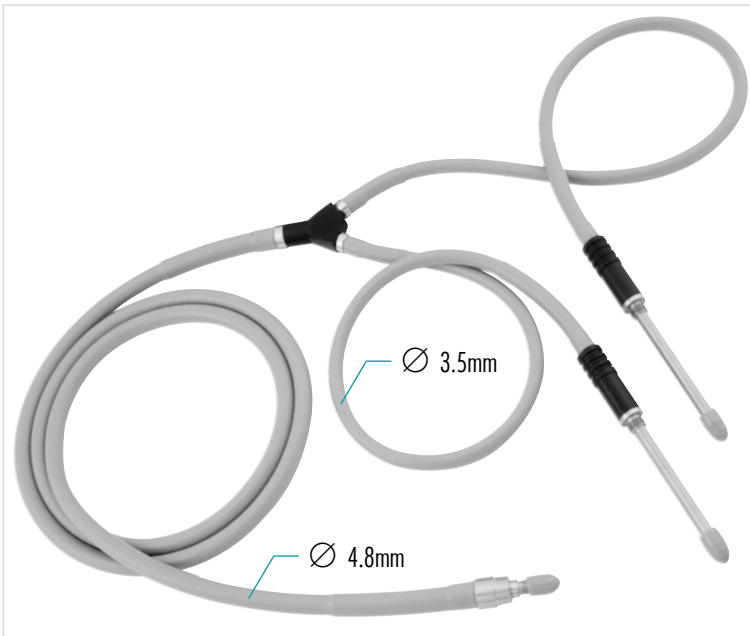
100-805-070 Ø 5 mm
 100-806-070 Ø 6 mm
 Zoom-Laryngo-Pharyngoskop, autoklavierbar, 70°, 190 mm
 Zoom-Laryngo-Pharyngoscope, autoclavable, 70°, 7 1/2 inch



250-025-230	Ø 2.5 mm, 2300 mm
250-025-300	Ø 2.5 mm, 3000 mm
250-035-180	Ø 3.5 mm, 1800 mm
250-035-230	Ø 3.5 mm, 2300 mm
250-035-300	Ø 3.5 mm, 3000 mm
250-048-180	Ø 4.8 mm, 1800 mm
250-048-230	Ø 4.8 mm, 2300 mm
250-048-300	Ø 4.8 mm, 3000 mm

RZ

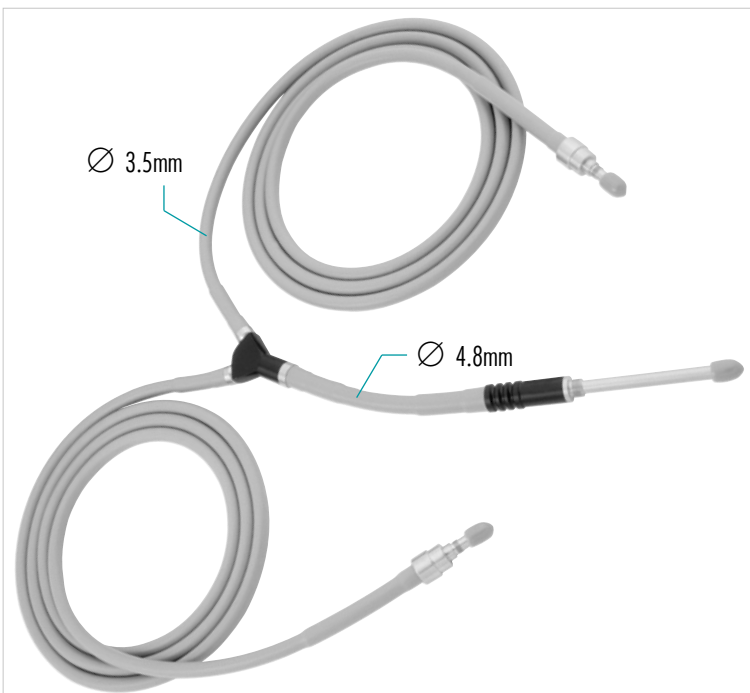
Hochentwickeltes Xenon Lichtleiterkabel mit eingebautem Glasstab für hohe Temperaturwiderstandsfähigkeit
Advanced High Temperature Xenon Light cable with built-in glass rod



250-053-180	Ø 3.5 mm, 1800 mm
250-053-230	Ø 3.5 mm, 2300 mm

RZ

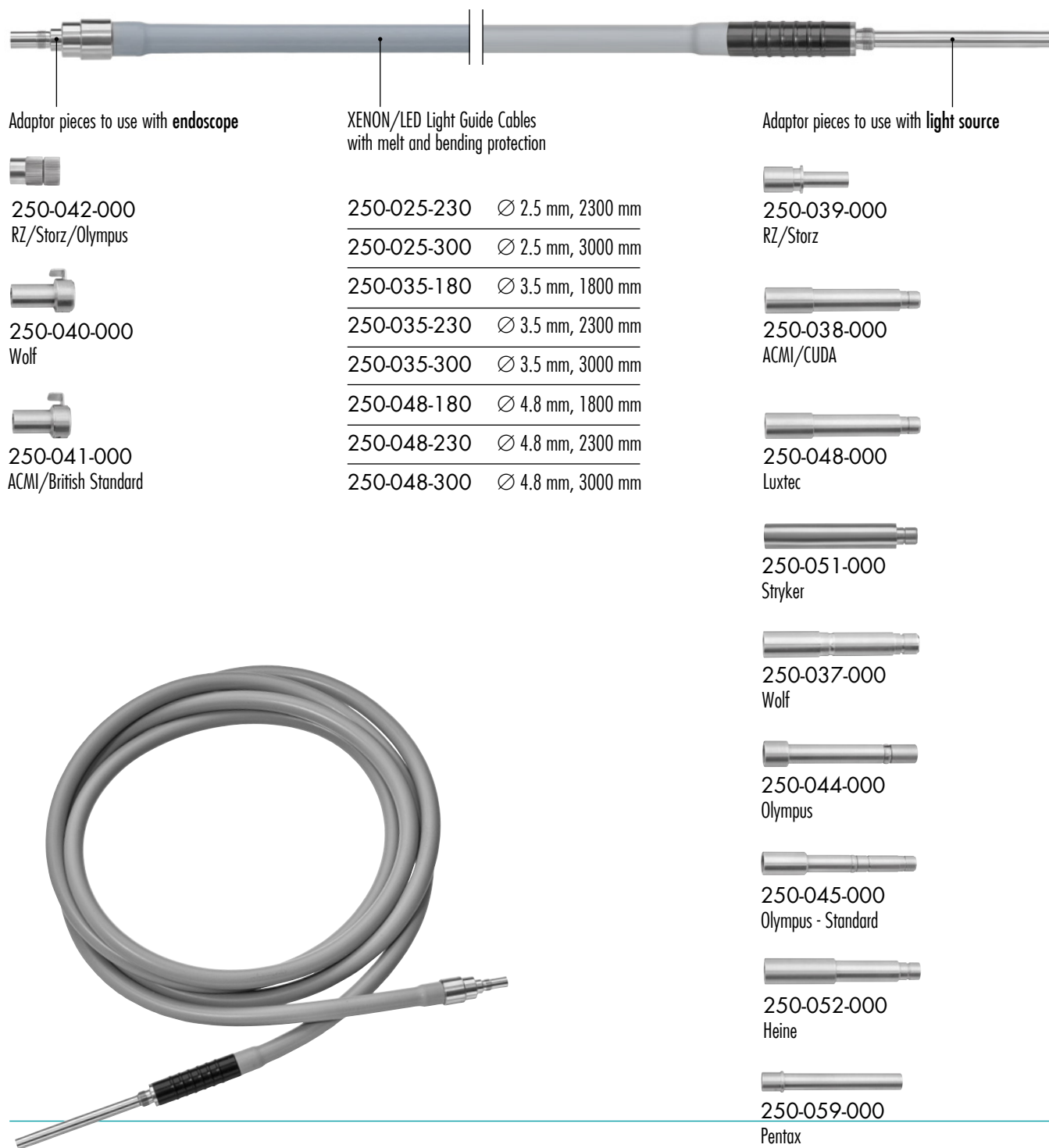
Kaltlichtleitkabel, mit 2 Lichteingängen und 1 Lichtausgang, ohne Adapter (Seite 30)
Cold light cable, with 2 light inputs and 1 light output, without adaptor pieces (page 30)



250-054-180	Ø 3.5 mm, 1800 mm
250-054-230	Ø 3.5 mm, 2300 mm

RZ

Kaltlichtleitkabel, mit 1 Lichteingang und 2 Lichtausgängen, ohne Adapter (Seite 30)
Cold light cable, with 1 light input and 2 light outputs, without adaptor pieces (page 30)



Adaptor pieces to use with **endoscope**



250-042-000
RZ/Storz/Olympus



250-040-000
Wolf



250-041-000
ACMI/British Standard

XENON/LED Light Guide Cables
with melt and bending protection

250-025-230 Ø 2.5 mm, 2300 mm

250-025-300 Ø 2.5 mm, 3000 mm

250-035-180 Ø 3.5 mm, 1800 mm

250-035-230 Ø 3.5 mm, 2300 mm

250-035-300 Ø 3.5 mm, 3000 mm

250-048-180 Ø 4.8 mm, 1800 mm

250-048-230 Ø 4.8 mm, 2300 mm

250-048-300 Ø 4.8 mm, 3000 mm

Adaptor pieces to use with **light source**



250-039-000
RZ/Storz



250-038-000
ACMI/CUDA



250-048-000
Luxtec



250-051-000
Stryker



250-037-000
Wolf



250-044-000
Olympus



250-045-000
Olympus - Standard



250-052-000
Heine



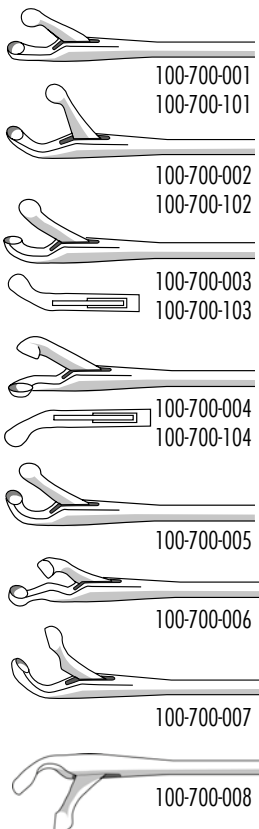
250-059-000
Pentax

COMPATIBILITY NOTE:

A fiber optic cable with a large diameter should not be connected to a smaller diameter scope.
For example: Ø 4.8mm fiber optic cables connected to a Ø 2.9mm may risk high temperature at the light entry of the endoscope and may risk patient safety.



Löffelzängchen, 2 mm und 4 mm, Standardmodell, konischer Rohrschaft, Arbeitslänge: 230 mm
Cupped forceps with round 2 mm and 4 mm cupped, jaws, conical tubular shaft, working length: 9 inch

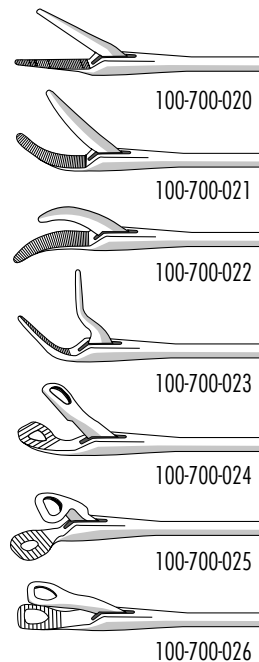


2 mm

- | | |
|-------------|---|
| 100-700-001 | gerade/straight |
| 100-700-002 | aufgebogen/curved upwards |
| 100-700-003 | rechts gebogen/curved right |
| 100-700-004 | links gebogen/curved left |
| 100-700-005 | rechts aufgebogen/curved upwards right |
| 100-700-006 | links aufgebogen/curved upwards left |
| 100-700-007 | horizontal, nach rechts öffnend/horizontal curved right opening |
| 100-700-008 | horizontal, nach links öffnend/horizontal curved left opening |

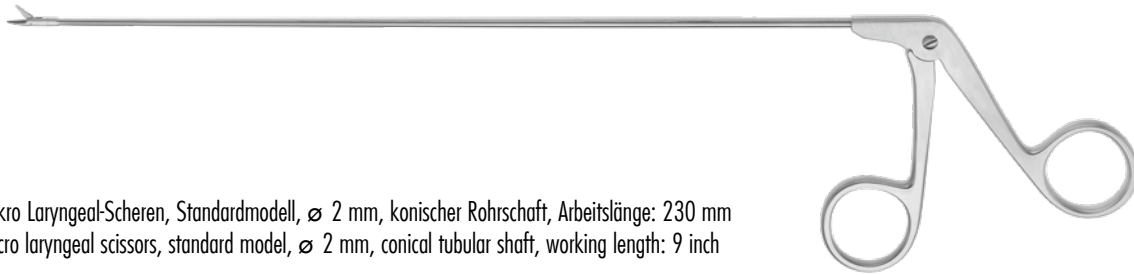
4 mm

- | | |
|-------------|-----------------------------|
| 100-700-101 | gerade, straight |
| 100-700-102 | aufgebogen/curved upwards |
| 100-700-103 | rechts gebogen/curved right |
| 100-700-104 | links gebogen/curved left |



Faßzängchen, Standardmodell, konischer Rohrschaft 2 mm, Nutzlänge 230mm
Alligator forceps, standard model, conical tubular shaft 2 mm, working length 9 inch

- | | |
|-------------|---|
| 100-700-020 | gerieft, gerade/serrated, straight |
| 100-700-021 | nach rechts gebogen/curved right |
| 100-700-022 | nach links gebogen/curved left |
| 100-700-023 | aufgebogen/curved upwards |
| 100-700-024 | mit dreieckigem Maul, nach rechts aufgebogen/with triangular jaws, curved upwards right |
| 100-700-025 | mit dreieckigem Maul, nach links aufgebogen/with triangular jaws, curved upwards left |
| 100-700-026 | mit dreieckigem Maul, gerade/with triangular jaws, straight |



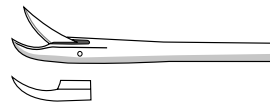
Mikro Laryngeal-Scheren, Standardmodell, $\varnothing$ 2 mm, konischer Rohrschaft, Arbeitslänge: 230 mm
Micro laryngeal scissors, standard model, $\varnothing$ 2 mm, conical tubular shaft, working length: 9 inch



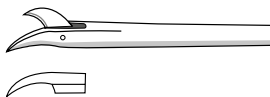
100-700-050 gerade/straight



100-700-051 45° aufgebogen/upcurved



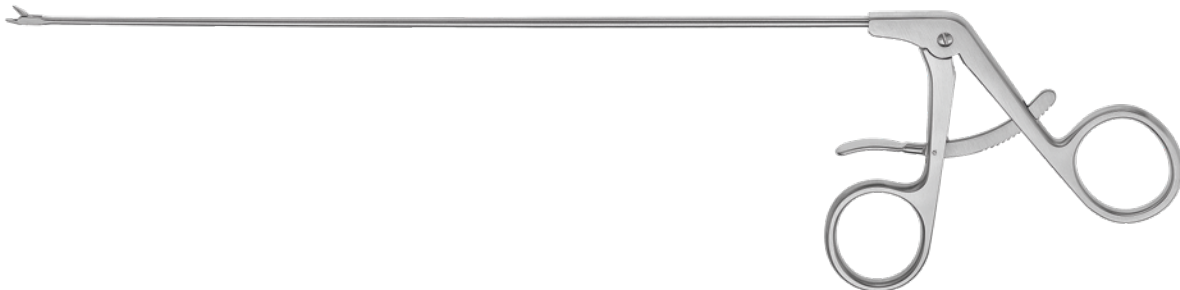
100-700-052 rechts gebogen/curved right



100-700-053 links gebogen/curved left



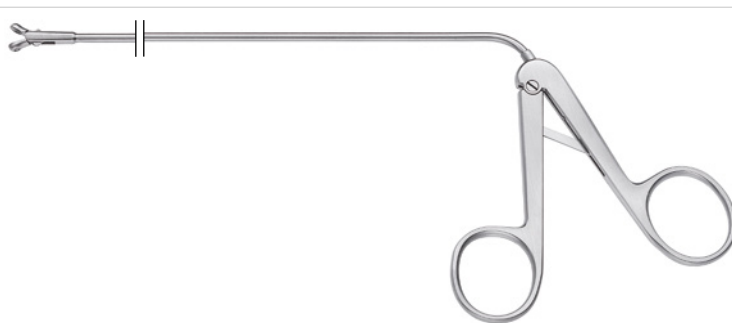
100-700-054 gerade, horizontal schneidend/straight, horizontal cutting



100-700-200 Nadelhalter mit Sperre, konischer Rohrschaft, Nutzlänge 230 mm
Needle holder with ratchet, conical tubular shaft, working length 9 inch



100-700-210 Nadelhalter mit Sperre, konischer Rohrschaft, mit diamantiertem Maulteil, Nutzlänge 230 mm
Needle holder with ratchet, conical tubular shaft, with diamond dusted jaw, working length 9 inch



100-700-030

Laryngoskopie-Biopsiezange, schweres Modell, 5mm Löffelmaul, gerade, doppelbeweglich, 230mm
Laryngoscopic-Biopsyforceps heavy, with round 5mm cupped jaws, double action, 9 inch

100-704-230

Laryngoskopie-Biopsiezange, schweres Modell, 3x4mm Löffelmaul, gerade, einfach beweglich, 230mm
Laryngoscopic-Biopsyforceps heavy, with 3x4mm cupped jaws, single action, 9 inch

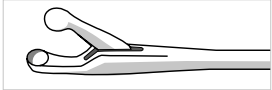


Paediatric Laryngeal Zangen nach Kleinsasser, konischer Rohrschaft, Arbeitslänge: 180 mm
 Pediatric laryngeal forceps, Kleinsasser design, conical tubular shaft, working length: 7 inch



Löffelzängchen/Cupped Forceps

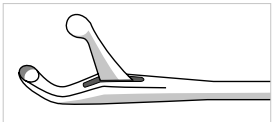
100-712-001 2 mm, gerade/straight



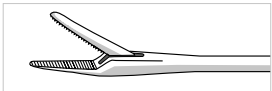
100-712-002 3 mm, gerade/straight



100-712-003 2 mm, aufgebogen/curved upwards



100-712-004 3 mm, aufgebogen/curved upwards

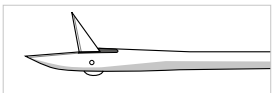


Alligator Zange, gerieft/Alligator Forceps, serrated

100-712-005 gerade/straight

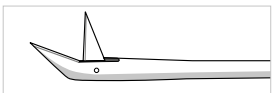


100-712-013 aufgebogen/curved upwards

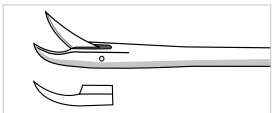


Schere/Scissors

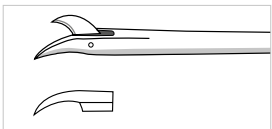
100-712-006 gerade/straight



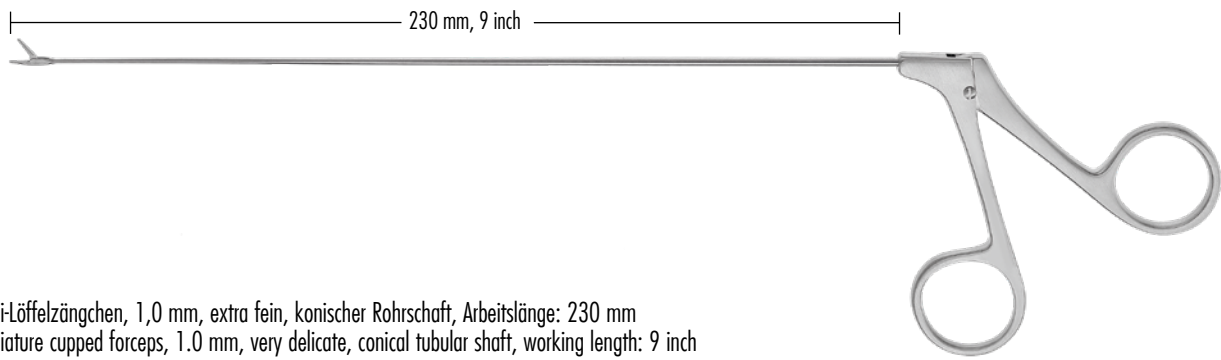
100-712-007 45° abgewinkelt/45° angled



100-712-008 rechts gebogen/curved right



100-712-009 links gebogen/curved left



Mini-Löffelzängchen, 1,0 mm, extra fein, konischer Rohrschaft, Arbeitslänge: 230 mm
Miniature cupped forceps, 1.0 mm, very delicate, conical tubular shaft, working length: 9 inch



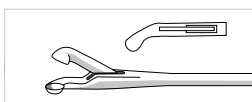
100-710-001 gerade/straight



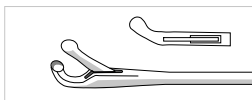
100-710-002 aufgebogen/curved upwards



100-710-003 nach rechts gebogen/curved right



100-710-004 nach links gebogen/curved left



100-710-005 nach rechts aufgebogen/curved upwards right

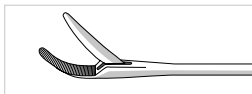


100-710-006 nach links aufgebogen/curved upwards left

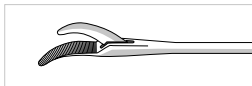
Mini-Faßzängchen, gerieft, extra fein, konischer Rohrschaft, Arbeitslänge: 230 mm
Miniature forceps, serrated, very delicate, conical tubular shaft, working length: 9 inch



100-710-020 gerade/straight



100-710-021 nach rechts gebogen/curved right



100-710-022 nach links gebogen/curved left

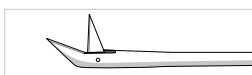


100-710-023 aufgebogen/curved upwards

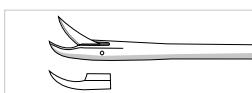
Mini-Scherchen, extra fein, konischer Rohrschaft, Nutzlänge 230 mm
Miniature Scissors, very delicate, conical tubular shaft, working length 9 inch



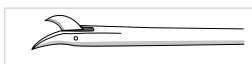
100-710-050 gerade/straight



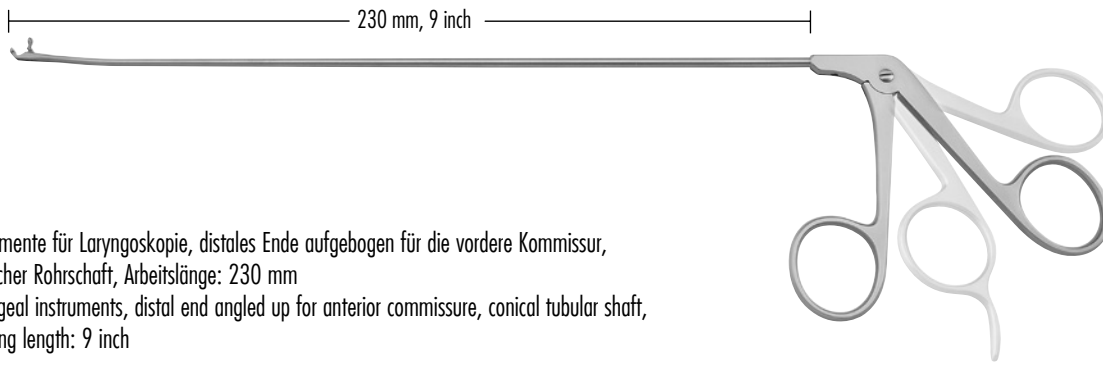
100-710-051 45° aufgebogen/angled 45°



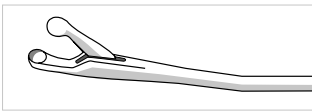
100-710-052 nach rechts gebogen/curved right



100-710-053 nach links gebogen/curved left

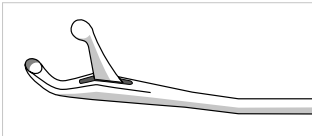


Instrumente für Laryngoskopie, distales Ende aufgebogen für die vordere Kommissur,
konischer Rohrschaft, Arbeitslänge: 230 mm
Laryngeal instruments, distal end angled up for anterior commissure, conical tubular shaft,
working length: 9 inch

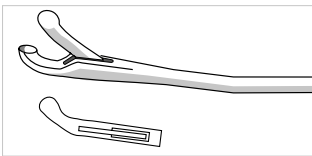


Löffelzängchen/cupped forceps, $\varnothing$ 2.0 mm

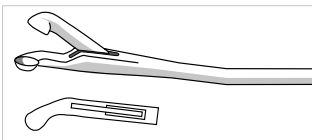
100-715-001 gerade/straight
100-725-001 gerade, Daumenkontrolle/straight, thumb control



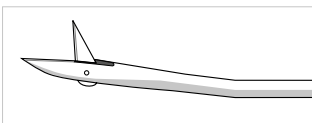
100-715-002 aufgebogen/curved upwards
100-725-002 aufgebogen, Daumenkontrolle/curved upwards, thumb control



100-715-003 nach rechts gebogen/curved right
100-725-003 nach rechts gebogen, Daumenkontrolle/curved right, thumb control

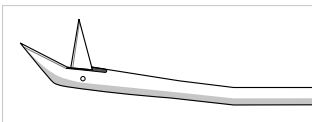


100-715-004 nach links gebogen/curved left
100-725-004 nach links gebogen, Daumenkontrolle/curved left, thumb control

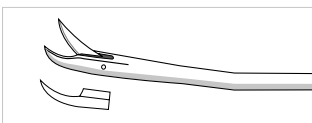


Schere/Scissors

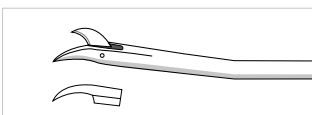
100-715-005 gerade/straight
100-725-005 gerade, Daumenkontrolle/straight, thumb control



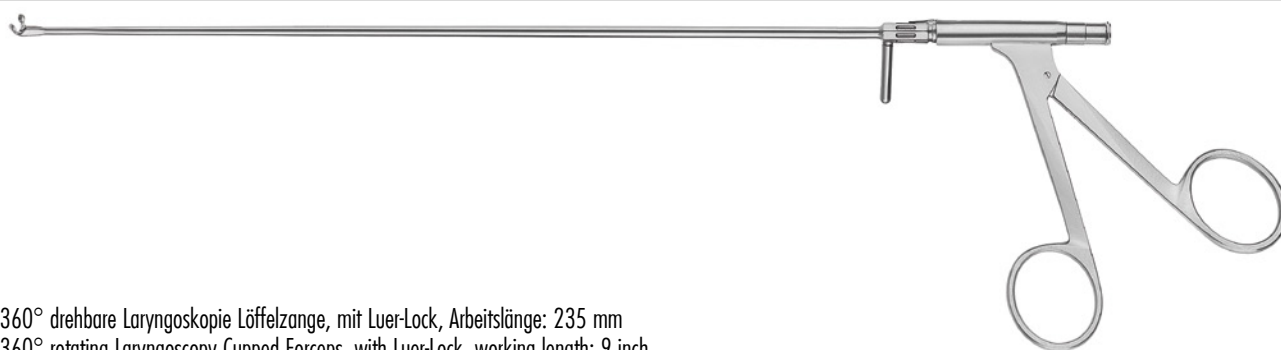
100-715-006 45° aufgebogen/45° angled upwards
100-725-006 45° aufgebogen, Daumenkontrolle/45° angled upwards, thumb control



100-715-007 nach rechts gebogen/curved right
100-725-007 nach rechts gebogen, Daumenkontrolle/curved right, thumb control



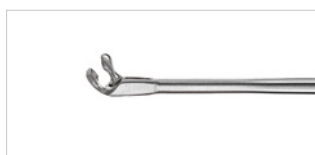
100-715-008 nach links gebogen/curved left
100-725-008 nach links gebogen, Daumenkontrolle/curved left, thumb control



360° drehbare Laryngoskopie Löffelzange, mit Luer-Lock, Arbeitslänge: 235 mm
360° rotating Laryngoscopy Cupped Forceps, with Luer-Lock, working length: 9 inch



100-700-501 2mm
gerade/straight



100-700-503 2mm
rechts gebogen/curved right



100-700-502 2mm
aufgebogen/curved upwards



100-700-504 2mm
links gebogen/curved left

100-700-511 1mm
gerade/straight

100-700-513 1mm
rechts gebogen/curved right

100-700-512 1mm
aufgebogen/curved upwards

100-700-514 1mm
links gebogen/curved left

360° drehbare Laryngoskopie Fasszange, mit Luer-Lock, Arbeitslänge: 235 mm
360° rotating Laryngoscopy Grasping Forceps, with Luer-Lock, working length: 9 inch



100-700-520
gerade/straight



100-700-521
rechts gebogen/curved right



100-700-522
links gebogen/curved left



100-700-523
aufgebogen/curved upwards



100-700-524
aufgebogen/curved upwards

360° drehbare Laryngoskopie Schere, mit Luer-Lock, Arbeitslänge: 235 mm
360° rotating Laryngoscopy Scissors, with Luer-Lock, working length: 9 inch



100-700-550
gerade/straight



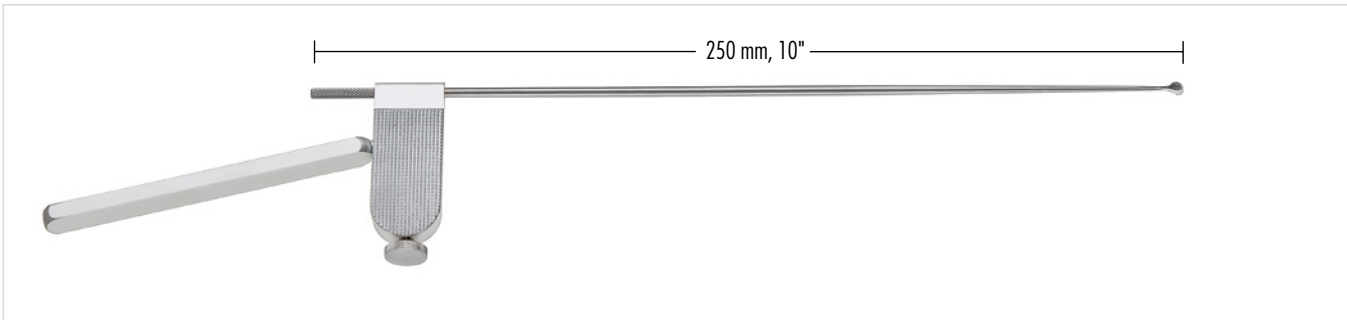
100-700-552
rechts gebogen/curved right



100-700-551
aufgebogen/curved upwards



100-700-553
links gebogen/curved left



100-850-001 - 100-850-012

Instrumente zur endolaryngealen Mikrochirurgie, Gesamtlänge: 250 mm

Laryngeal Instruments for Microsurgery, total length: 10"



100-850-000

Handgriff, alleine
Handle, only



100-850-001 Messer, rund, $\varnothing$ 2,5 mm, 45° abgewinkelt
Knife, round, $\varnothing$ 2.5 mm, 45° angled



100-850-002 Messer, rund, vertikal schneidend
Knife, round, vertical cutting



100-850-003 Messer, oval, gerade
Knife, oval, straight



100-850-004 Messer, sichelförmig
Knife, sickle shaped



100-850-005 Messer, golfstockförmig
Knife, golfstick shaped



100-850-006 Häkchen, stumpf, mit Sondenknopf
Hook, blunt, with probe end



100-850-007 Häkchen, scharf
Hook, sharp



100-850-008 Unterbindungsnaedel, nach rechts gebogen
Ligature Needle, curved to right



100-850-009 Unterbindungsnaedel, nach links gebogen
Ligature Needle, curved to left



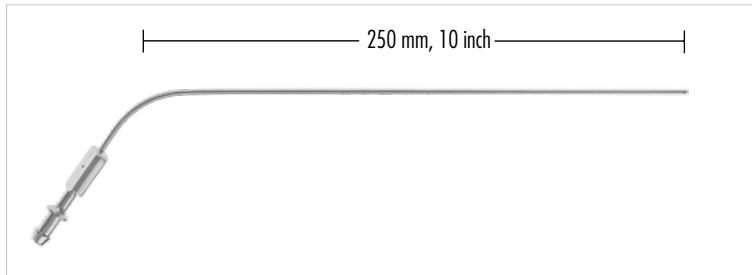
100-850-010 Saugelevator
Elevator with suction channel



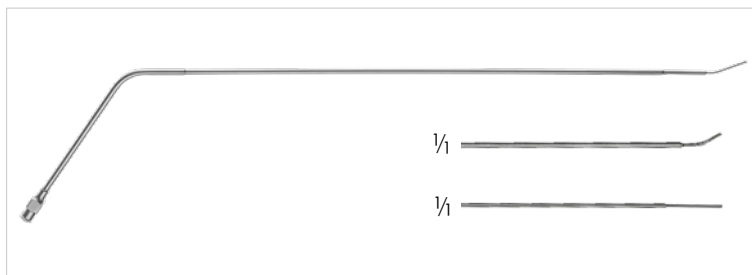
100-850-011 Knotenführer
Knot guide



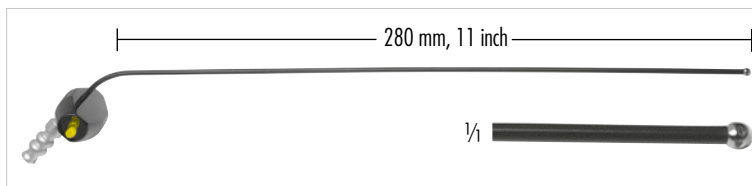
100-850-012 Häkchen, 90°, mit Sondenknopf
Hook with probe end, 90° angled



100-860-020 ø 2.0 mm
 100-860-025 ø 2.5 mm
 100-860-030 ø 3.0 mm
 Saugrohr, Arbeitslänge: 250 mm
 Suction tube, working length: 10 inch



100-861-001 gebogene Spitze/curved tip
 100-861-002 gerade Spitze/straight tip
 Injektionsnadel, mit Luer-Lock
 Injection needle, with Luer-Lock



100-862-030 2,5 mm, 280 mm, 11 inch
 100-864-030 5,0 mm, 270 mm, 10 1/2 inch

Saug- und Koagulationsrohr, **isoliert**, mit monopolarer Anschluß, abgewinkelt

Insulated cannula for suction and coagulation, **insulated**, with monopolar connection, angled



100-870-000 Fig. 0, für Kinder/ for children
 100-870-001 Fig. 1
 100-870-002 Fig. 2
 100-870-003 Fig. 3
 Zahnschutz aus Metall
 Teeth protector, metal



100-870-100
 Zahnschutz aus Silikon, autoklavierbar
 Teeth protector, silicone, autoclavable

BIPOLAR CABLES



2-banana-pin *



Erbe



Martin, Berchtold,
Aesculap GK55 + sGK60



Valleylab, Lamidey, EMC



3m	700-350-030	700-101-001	700-287-030	700-351-031
5m	700-350-050	700-101-000	700-287-050	700-351-051

3m	700-350-130	700-101-130	700-287-130	700-351-131
5m	700-350-150	700-101-150	700-287-150	700-351-151

MONOPOLAR CABLES



1 banana pin 4mm



Martin, Berchtold,
Aesculap GK55 + sGK60



Erbe



Valleylab, Lamidey,
EMC



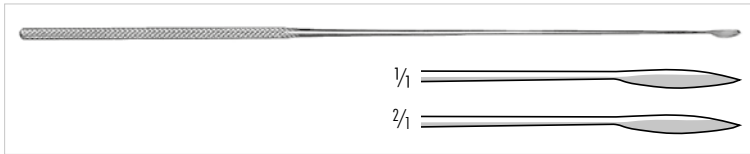
RZ HF Unit
Standard Plug



round-plug 4mm (instrument side)

3m	700-280-030	700-285-030	700-101-030	700-360-031	700-501-303
5m	700-280-050	700-285-050	700-101-050	700-360-051	700-501-503

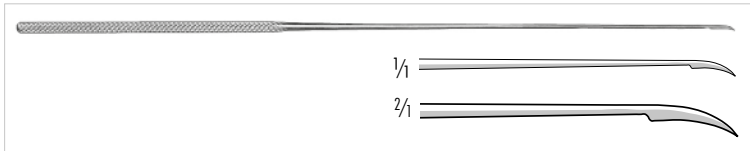
* Innerhalb Europas nicht mit CE-Markierung erhältlich
Not available with CE marking within Europe



100-853-295

JAKO-TYPE

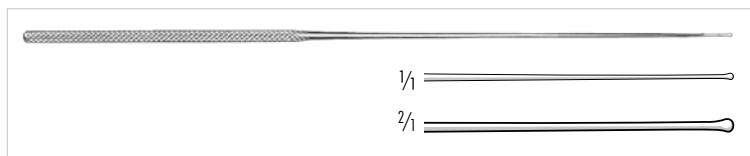
Laryngeal Messer, gerades Blatt, Klingenlänge: 8 mm, 295 mm
 Laryngeal knife, straight blade, blade length: 8 mm, 11 3/4 inch



100-854-295

JAKO-TYPE

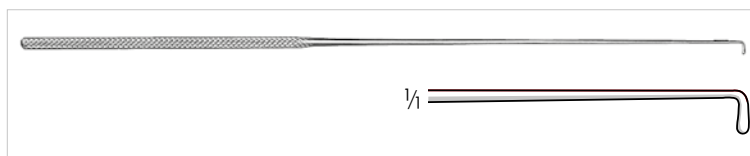
Laryngeal Sichelmesser, Klingenlänge: 8 mm, 295 mm
 Laryngeal sickle knife, blade length: 8 mm, 11 3/4 inch



100-855-300

JAKO-TYPE

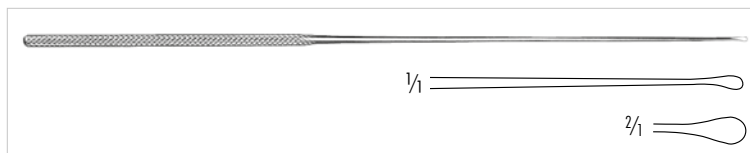
Laryngeal Sonde, gerade, Arbeitslänge: 220 mm, 295 mm
 Laryngeal probe, straight, working length: 8 1/2 inch, 11 3/4 inch



100-856-300

JAKO-TYPE

Laryngeal Sonde, 90° abgewinkelt, Arbeitslänge: 220 mm, 295 mm
 Laryngeal probe, 90° angled, working length: 8 1/2 inch, 11 3/4 inch



100-857-300

JAKO-TYPE

Mikro Dissektor, stumpf, 4 mm breit, Gesamtlänge: 295 mm
 Micro dissector, blunt, 4 mm wide, 11 3/4 inch



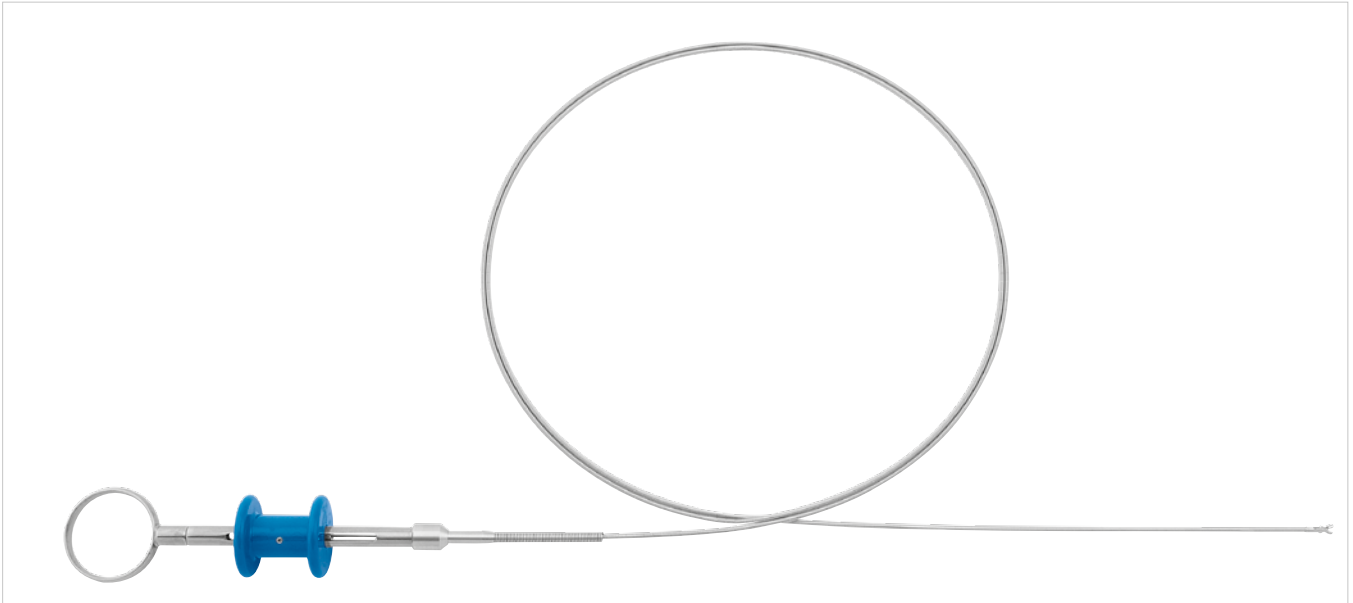
100-860-300

JAKO-TYPE

Mikro Laryngeal Haken mit Daumengriff,
 90° abgewinkelt, 4 mm lang, 295 mm
 Micro laryngeal probe with thumbhandle,
 90° angled, 4 mm long, 11 3/4 inch

BRONCHOSCOPY





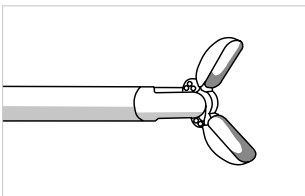
100-518-090 - 100-723-090

Flexible Biopsie- und Faßzangen, für flexible Endoskope,
doppelbewegliche Maulteile, voll sterilisierbar

Flexible Biopsy- and Grasping forceps, for flexible Endoscopes,
double-action jaws, totally autoclavable

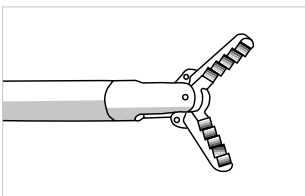
Biopsiezange, runder Löffel/Biopsy forceps, round cup

Biopsiezange, ovaler Löffel/Biopsy forceps, oval cup

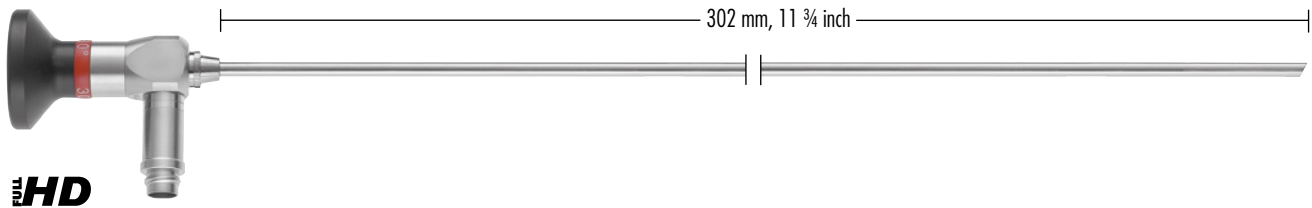


100-601-075	750 mm, 1,0 mm Ø
100-618-090	900 mm, 1,8 mm Ø
100-623-090	900 mm, 2,3 mm Ø
100-618-120	1200 mm, 1,8 mm Ø
100-623-120	1200 mm, 2,3 mm Ø

Faßzange mit Hechtnmaul/Alligator grasping forceps



100-701-075	750 mm, 1,0 mm Ø
100-718-090	900 mm, 1,8 mm Ø
100-723-090	900 mm, 2,3 mm Ø
100-718-120	1200 mm, 1,8 mm Ø
100-723-120	1200 mm, 2,3 mm Ø

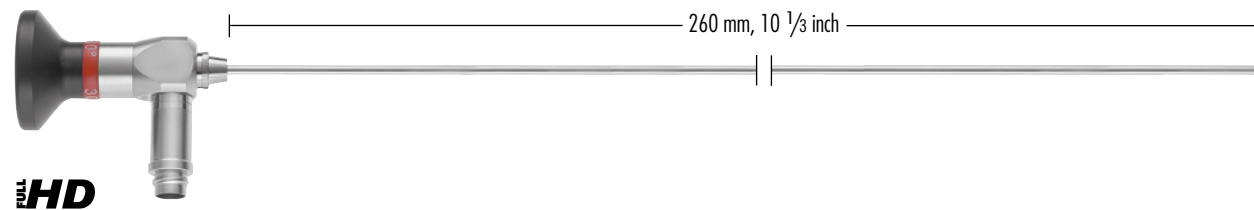


100-604-000

Bronchoskop, starr, 0°, ø 4 mm, autoklavierbar, Nutzlänge 302 mm
Bronchoscope, rigid, 0°, ø 4 mm, autoclavable, working length 11 ¾ inch

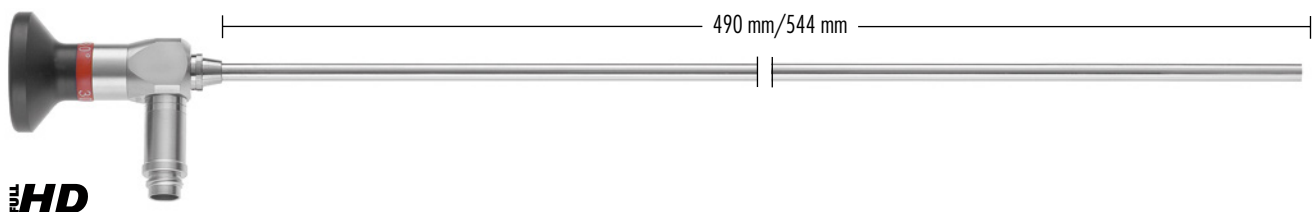
100-604-030

Bronchoskop, starr, 30°, 4 mm ø, autoklavierbar, Nutzlänge 302 mm
Bronchoscope, rigid, 30°, 4 mm ø, autoclavable, working length 11 ¾ inch



100-627-000

Bronchoskop, starr, 0°, ø 2,7 mm, autoklavierbar, Nutzlänge 260 mm
Bronchoscope, rigid, 0°, ø 2.7 mm, autoclavable, working length 10 ⅓ inch



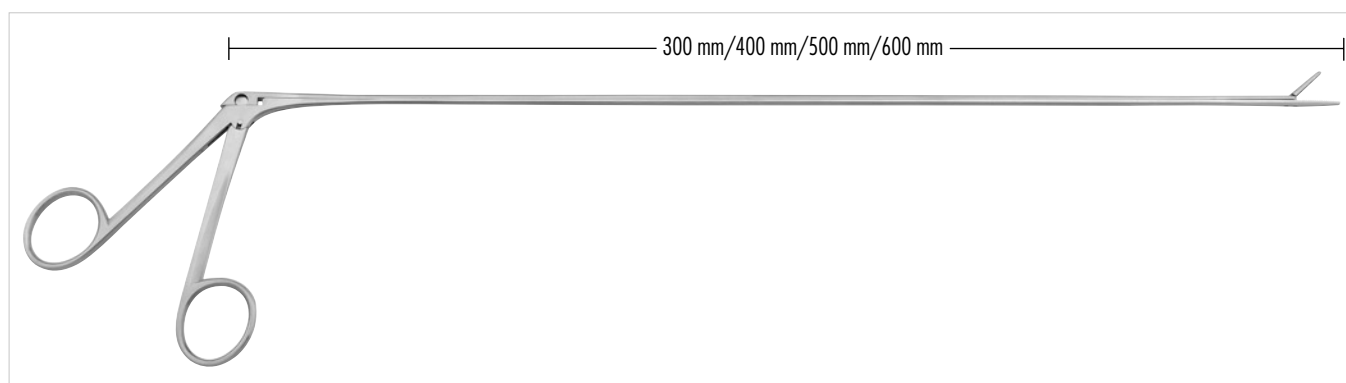
100-655-000 Nutzlänge 490 mm/working length 19 ⅓ inch

Bronchoskop, starr, 0°, ø 5,5 mm, autoklavierbar
Bronchoscope, rigid, 0°, ø 5.5 mm, autoclavable

100-655-030 Nutzlänge 490 mm/working length 19 ⅓ inch

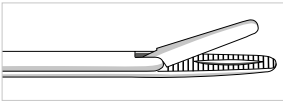
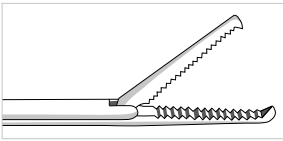
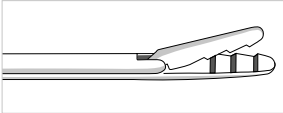
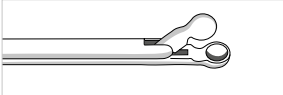
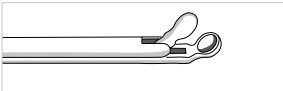
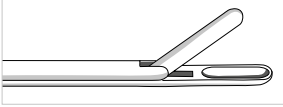
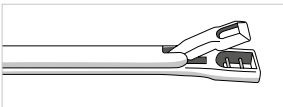
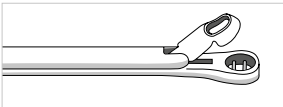
100-655-130 Nutzlänge 544 mm/working length 21 ⅓ inch

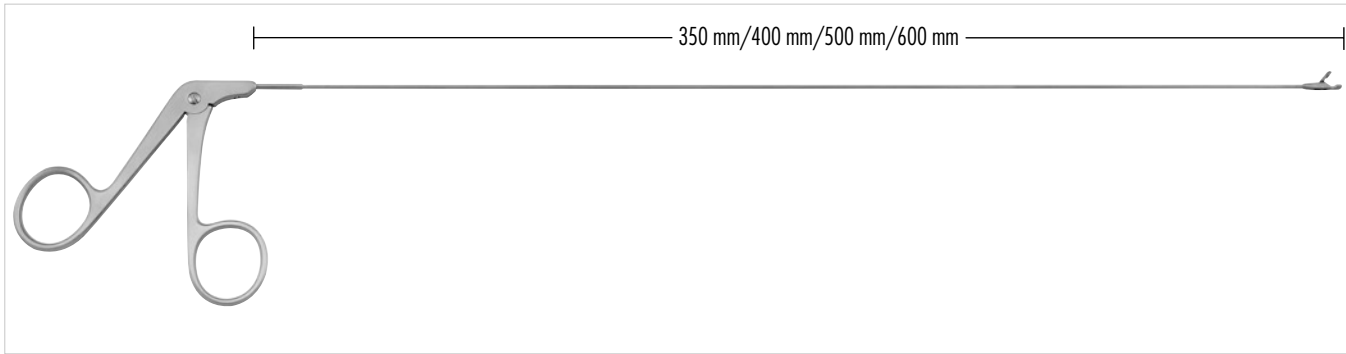
Bronchoskop, starr, 30°, ø 5,5 mm, autoklavierbar
Bronchoscope, rigid, 30°, ø 5.5 mm, autoclavable

**JACKSON**

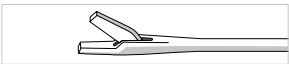
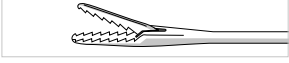
Broncho-Oesophagoskopie-Zangen und Biopsiezangen mit **Schieberschaft**, obere Maulteile beweglich

Broncho-oesophagoscopic forceps and Biopsy forceps with **sliding-shaft**, upper jaws moveable

		Schaftlänge/shaft-length			
		300 mm/12 inch	400 mm/15 ¾ inch	500 mm/19 ½ inch	600 mm/23 ½ inch
	gerieft/ serrated	100-750-301	100-750-401	100-750-501	100-750-601
	1x2 Zähne 1x2 teeth	100-750-302	100-750-402	100-750-502	100-750-602
	Alligator Zähne Alligator teeth	100-750-303	100-750-403	100-750-503	100-750-603
	Löffelmaul gerade Cupped jaws, straight	Ø 2 mm 100-750-304	100-750-404	100-750-504	100-750-604
		Ø 4 mm 100-750-305	100-750-405	100-750-505	100-750-605
	Löffelmaul aufgebogen Cupped jaws, upcurved	Ø 2 mm 100-750-306	100-750-406	100-750-506	100-750-606
		Ø 4 mm 100-750-307	100-750-407	100-750-507	100-750-607
	Löffelmaul, länglich, gerade Löffelmaul, oblong, straight	100-750-308	100-750-408	100-750-508	100-750-608
	Stanzenmaul, eckig Punch jaw, angular	100-750-309	100-750-409	100-750-509	100-750-609
	Stanzenmaul, rund Punch jaw, round	100-750-310	100-750-410	100-750-510	100-750-610



Laryngo-Broncho-Oesophagoskopiezangen, mit **Rohrschaft**
Broncho-Oesophagoscopic forceps, with **tubular shaft**

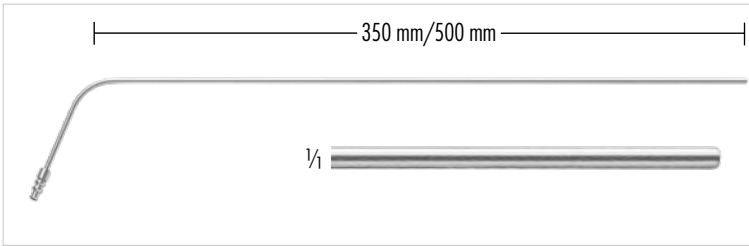
		Schaftstärke/shaft ø 2.5 mm			Kinder/children ø 1.5 mm
	Schaftlänge/shaft-length	400 mm/15 ¾ inch	500 mm/19 ½ inch	600 mm/23 ½ inch	350 mm/13 ¾ inch
	Stanzenmaul/Punch jaw	100-720-401	100-720-501	100-720-601	100-720-301
	Fasszange, gerieft Grasping Forceps, serrated	100-720-402	100-720-502	100-720-602	100-720-302
	Fasszange, gerieft, gefenestert Grasping Forceps, serrated, fenestrated	100-720-403	100-720-503	100-720-603	100-720-303
	Alligator Zähne Alligator teeth	100-720-404	100-720-504	100-720-604	100-720-304
	Löffelmaul, gerade Cupped Forceps, straight	100-720-405	100-720-505	100-720-605	100-720-305
	Löffelmaul, horizontal aufgebogen Cupped Forceps, horizontal upcurved	100-720-406	100-720-506	100-720-606	100-720-306
	Löffelmaul, vertikal aufgebogen Cupped Forceps, vertical upcurved	100-720-407	100-720-507	100-720-607	100-720-307
	Löffelmaul, rechts gebogen Cupped Forceps, right curved	100-720-408	100-720-508	100-720-608	100-720-308
	Löffelmaul, links gebogen Cupped Forceps, left curved	100-720-409	100-720-509	100-720-609	100-720-309
	Löffelmaul, länglich, gerade Cupped Forceps, oblong, straight	100-720-410	100-720-510	100-720-610	
	Löffelmaul, oval, gerade Cupped Forceps, oval, straight	100-720-411	100-720-511	100-720-611	
	Löffelmaul, oval, gerade Cupped Forceps, oval, straight	100-720-412	100-720-512	100-720-612	100-720-312
	Löffelmaul, oval, gezahnt gerade Cupped Forceps, oval, serrated, straight	100-720-413	100-720-513	100-720-613	100-720-313



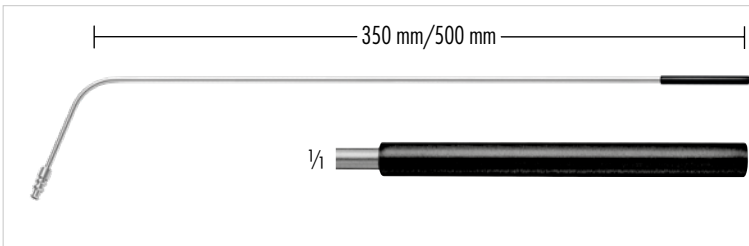
100-720-001 - 100-720-034

Bronchoskopiezangen, **Rohrschaft**, beide Maulteile beweglichBronchoscopy forceps, **tubular shaft**, double-action jaws

		Schaft Ø / shaft Ø		Schaftlänge/shaft-length	
		250 mm/10 inch		350 mm/13¾ inch	500 mm/19¾ inch
	Fremdkörperzange mit Hechtmaul Foreign body forceps alligator jaws	2,0 mm	100-720-001	100-720-011	—
	Universal Biopsie- und Faßzange Universal biopsy and grasping forceps	2,0 mm	100-720-002	100-720-012	—
	Löffelzange, rund, gerade Biopsy cup forceps, straight, round cup	2,0 mm	100-720-003	100-720-013	—
	Faßzange mit gefensterter Maul Grasping forceps with fenestrated jaws	2,0 mm	100-720-004	100-720-014	—
	Fremdkörperzange mit Hechtmaul Foreign body forceps alligator jaws	2,5 mm	—	100-720-021	100-720-031
	Universal Biopsie- und Faßzange Universal biopsy and grasping forceps	2,5 mm	—	100-720-022	100-720-032
	Löffelzange, rund, gerade Biopsy cup forceps, straight, round cup	2,5 mm	—	100-720-023	100-720-033
	Faßzange mit gefensterter Maul Grasping forceps with fenestrated jaws	2,5 mm	—	100-720-024	100-720-034

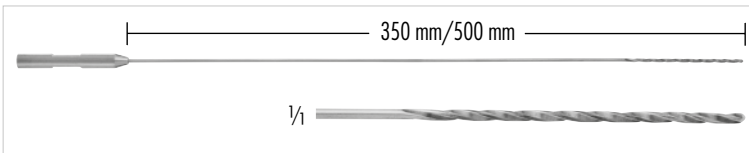


100-850-350 350mm/13 3/4 inch
100-850-500 500mm/19 3/4 inch
 Saugrohr
 Rigid suction tube



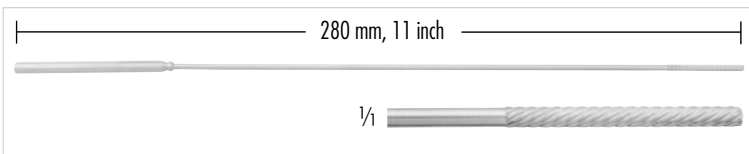
100-852-350
 Saugrohr, mit flexibler Gummispitze, 350 mm lang
 Rigid suction tube, with flexible rubber tip, 13 3/4 inch long

100-852-500
 Saugrohr, mit flexibler Gummispitze, 500 mm lang
 Rigid suction tube, with flexible rubber tip, 19 3/4 inch long

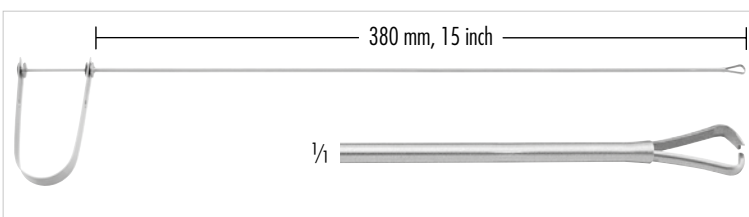


100-854-350
 Watteträger, Nutzlänge 350 mm
 Cotton carrier, working length 13 3/4 inch

100-854-500
 Watteträger, Nutzlänge 500 mm
 Cotton carrier, working length 19 3/4 inch



100-864-280
 Watteträger, spiralförmig gerieft, ø 2,5 mm, Länge 280 mm
 Cotton applicator, twist end serrated, ø 2.5 mm, length 11 inch



100-856-380
 Tupferhalter, 1 x 2 Zähne, Arbeitslänge: 380 mm
 Sponge holder, 1 x 2 treeth, working length: 15 inch



Zugstange, gebogen/Rod, curved

100-754-021	200 mm/7 ¾ inch
100-754-031	300 mm/11 ¾ inch
100-754-041	400 mm/15 ¾ inch

HUBER Griff/Handle 100-754-000

Zugstange, gerade/Rod, straight

100-754-020	200 mm/7 ¾ inch
100-754-030	300 mm/11 ¾ inch
100-754-040	400 mm/15 ¾ inch



Aufsätze/Jaw tip



BARICANI
100-754-016 Faßzange/Grasping Forceps



LANGE Löffelzange/Cupped Forceps
100-754-009 Size 1
100-754-018 Size 2
100-754-005 Size 3



100-754-003 Faßzange mit Alligator Zähnen
Grasping Forceps with alligator teeth



FRAENKEL
100-754-017 Löffelzange, länglicher Löffel
Cupped Forceps, long cups



BRUENINGS Löffelzange, rund
Cupped Forceps, round
100-754-014 Size 1
100-754-004 Size 2
100-754-024 Size 3



SCHEINMANN
100-754-019 Löffelzange, abgewinkelt
Cupped Forceps, angled



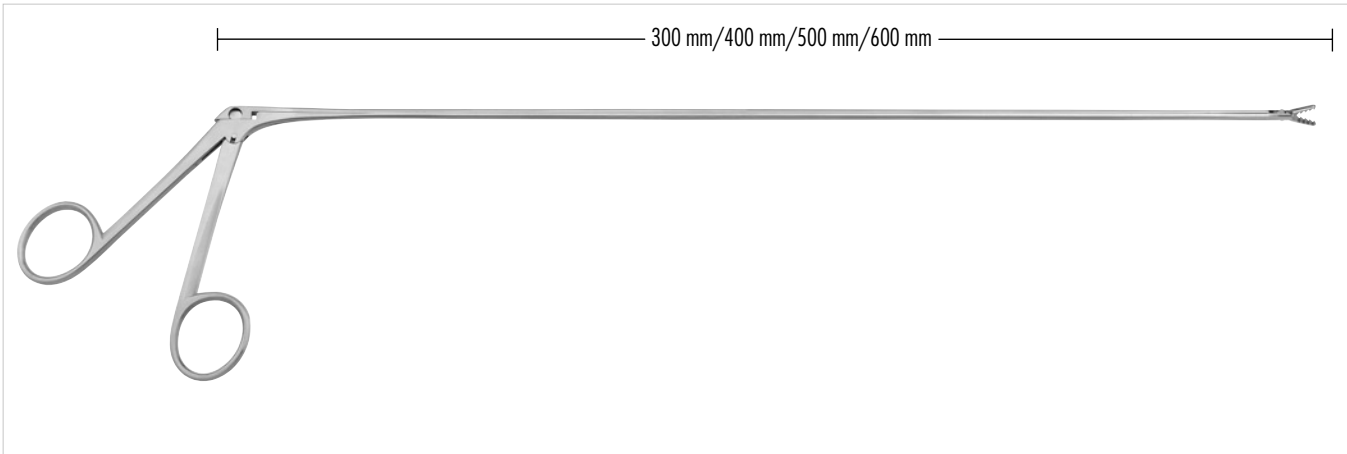
KRAUSE Biopsie Stanze, oval, durchschneidend
Biopsy punch, oval, through cutting
100-754-008 Size 1
100-754-026 Size 2
100-754-027 eckig/angular, Size 1
100-754-007 eckig/angular, Size 2



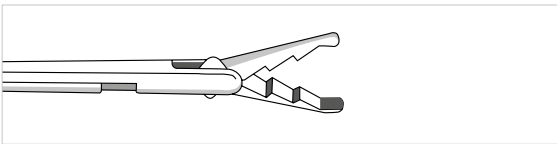
SCHUHMACHER
100-754-028 Biopsie Stanze, dreieckig,
mit ziehendem Schnitt
Biopsy punch, triangular,
with pull cutting



CORDES Stanze/Punch
100-754-029 rund/round
100-754-032 eckig/angular

**CHEVALIER-JACKSON**

Bronchoskopie Zangen, **Schieberschaft**, doppelbewegliche Maulteile
 Bronchoscopy forceps, **sliding-shaft**, double-moving jaws

**Hechtnaul/Alligator jaw****Länge/Length**

100-755-305

300 mm/11 ³/₄ inch

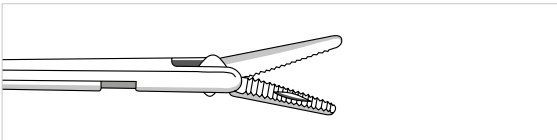
100-755-405

400 mm/15 ³/₄ inch

100-755-505

500 mm/19 ³/₄ inch

100-755-605

600 mm/23 ²/₃ inch**Faßzange, gerieftes Maul/Grasping forceps, serrated jaw**

100-755-304

300 mm/11 ³/₄ inch

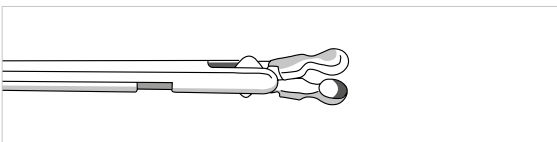
100-755-404

400 mm/15 ³/₄ inch

100-755-504

500 mm/19 ³/₄ inch

100-755-604

600 mm/23 ²/₃ inch**Löffelzange/Cupped forceps**

100-755-310

300 mm/11 ³/₄ inch

100-755-410

400 mm/15 ³/₄ inch

100-755-510

500 mm/19 ³/₄ inch

100-755-610

600 mm/23 ²/₃ inch



Erwachsene / Adult

Optische Bronchoskopie Zangen für Bronchoskope 8,5 - 7,5mm
Optical Bronchoscopy forceps for Bronchoscopes 8.5 - 7.5mm



100-655-100 Nutzlänge 540 mm/working length 21 1/3 inch
Bronchoskop, starr, 0°, ø 5,5 mm, autoklavierbar
Bronchoscope, rigid, 0°, ø 5.5 mm, autoclavable

100-655-130 Nutzlänge 540 mm/working length 21 1/3 inch
Bronchoskop, starr, 30°, ø 5,5 mm, autoklavierbar
Bronchoscope, rigid, 30°, ø 5.5 mm, autoclavable

100-655-000 Nutzlänge 490 mm/working length 19 1/3 inch
Bronchoskop, starr, 0°, ø 5,5 mm, autoklavierbar
Bronchoscope, rigid, 0°, ø 5.5 mm, autoclavable

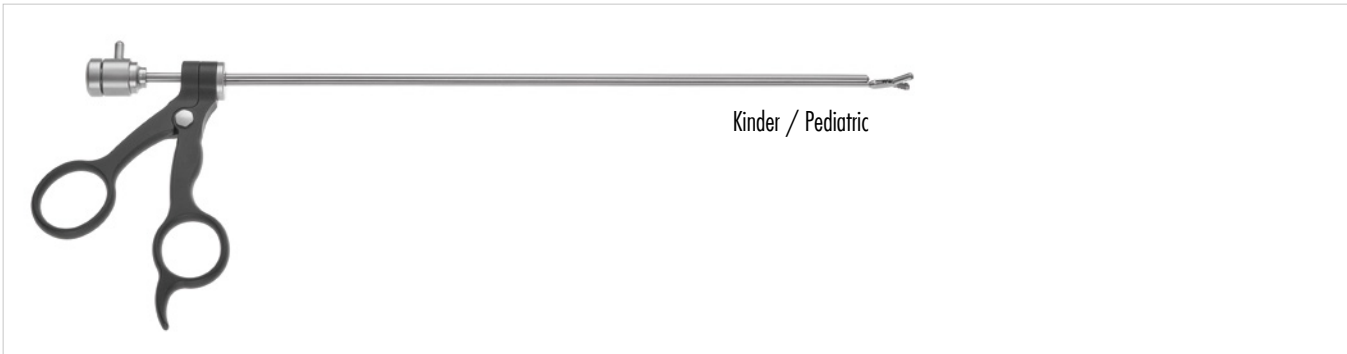
100-655-030 Nutzlänge 490 mm/working length 19 1/3 inch
Bronchoskop, starr, 30°, ø 5,5 mm, autoklavierbar
Bronchoscope, rigid, 30°, ø 5.5 mm, autoclavable



100-900-228 Fasszange
Grasping Forceps



100-900-207 Fremdkörperzange
Foreignbody Forceps



Optische Bronchoskopie Zangen für Bronchoskope 6 - 3,5 mm
Optical Bronchoscopy forceps for Bronchoscopes 6 - 3.5 mm



100-629-000 Nutzlänge 300 mm/working length 12 inch
Bronchoskop, starr, 0°, Ø 2,9 mm, autoklavierbar
Bronchoscope, rigid, 0°, Ø 2.9 mm, autoclavable



100-900-215 Schere, doppelbeweglich
Scissors, double action