



SURGERY

Hauptkatalog | Catalogue Général
Main Catalog | *Catálogo General*
Catalogo Generale





Ihr Komplettanbieter für die Chirurgie

Solutions for surgery

Solutions pour la chirurgie

Soluciones para la cirugía

Soluzioni per la chirurgia





Ihr Komplettanbieter für die Endoskopie

Solutions for endoscopy

Solutions pour l'endoscopie

Soluciones para la endoscopia

Soluzioni per la endoscopia





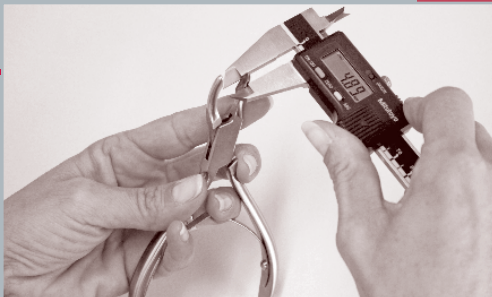
Die Marke für beste Qualität

The brand for superior quality

La marque pour la qualité supérieur

La marca para la calidad superior

Il marchio per una qualità superiore





-medical.com

medical.com

Die Firma TEKNO-MEDICAL Optik-Chirurgie GmbH & Co. KG wurde im April 1976 durch Herrn Bruno Mattes gegründet und wird heute als Familien-Unternehmen geführt. Durch die qualifizierte Arbeit der Mitarbeiter und die hohe Qualität der Produkte und Dienstleistungen konnte TEKNO-MEDICAL ein stetiges Wachstum vollziehen. Dies bedingte bereits im Jahr 1982 den ersten Bauabschnitt des heutigen Firmengebäudes in Tuttlingen-Nendingen, dem oft zitierten „Weltzentrum der Medizintechnik“. Im Jahre 1990 erfolgt die Gründung einer eigenen Produktionsstätte, welche heute zu einem der modernsten und leistungsfähigsten Fertigungsbetriebe herangewachsen ist.

TEKNO-MEDICAL Optik-Chirurgie GmbH & Co. KG has been founded in April 1976 by Mr. Bruno Mattes and is until today a private family-run company. Due to the qualified employees and the high quality standard of the products and services, TEKNO-MEDICAL could achieve a steady growth. This led in 1982 to the first section of the actual building in Tuttlingen-Nendingen, the world center for surgical industry. In 1990 our own production plant was founded, which is nowadays one of the most modern and efficient manufacturing facilities.

La société TEKNO-MEDICAL Optik-Chirurgie GmbH & Co. KG a été fondée en avril 1976 par Monsieur Bruno Mattes et est une PME familiale allemande. Grâce à l'engagement de nos employés qualifiés et à la qualité élevée de nos produits et services, TEKNO-MEDICAL a pu réaliser une croissance permanente. Cela nous a permis d'entreprendre dès 1982 la construction de notre premier bâtiment à Tuttlingen-Nendingen, le centre mondial de l'industrie médicale. En 1990, nous avons créé notre propre centre de production, qui est devenu une entreprise moderne et performante.

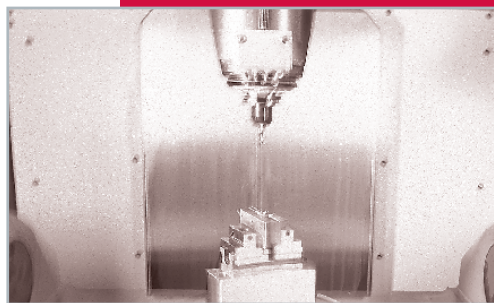
La empresa TEKNO-MEDICAL Optik-Chirurgie GmbH & Co. KG fue fundada en abril del 1976 por el Sr. Bruno Mattes y es hasta ahora una empresa familiar. El trabajo cualificado de nuestros empleados junto con la alta calidad de nuestros productos y servicios forman la base de nuestro crecimiento continuo. Eso llevó ya en el año 1982 a la construcción del primero de los edificios actuales en Tuttlingen-Nendingen, llamado centro mundial de la industria para instrumentos quirúrgicos. En el año 1990 se efectuó la fundación de nuestra propia empresa de producción, que es ahora una empresa moderna y eficiente.

La TEKNO-MEDICAL Optik-Chirurgie GmbH & Co. KG è stata fondata nell' aprile 1976 dal sig. Bruno Mattes, ed è tuttora una compagnia privata gestita dalla famiglia. Grazie a personale qualificato ed ad un elevato standard di qualità del prodotto e del servizio, la TEKNO-MEDICAL può vantare una crescita costante. Ciò porta nel 1982 alla costruzione della prima sezione dell'attuale fabbricato in Tuttlingen-Nendingen, il centro mondiale dell'industria chirurgica. Nel 1990 è stata fondata la propria fabbrica che è oggi uno dei più moderni ed efficienti impianti di produzione.

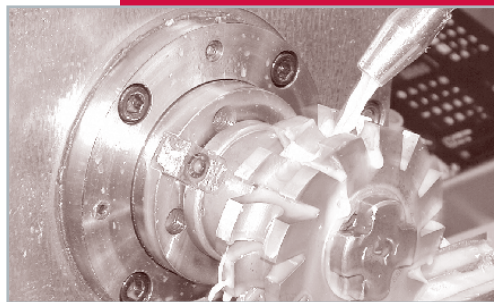




Die Qualität unserer Produkte war uns schon immer eine Herzensangelegenheit. Daher war es für uns auch selbstverständlich bei der Einführung der ISO-Zertifizierung zu den ersten Firmen zu gehören, welche erfolgreich zertifiziert wurden und ihre Instrumente mit der CE-Kennzeichnung versehen durften. TEKNO-MEDICAL ist zudem von der FDA geprüft und dadurch in der Lage die Produkte auch in die USA zu exportieren. 1999 wurde ein neues Logistikzentrum errichtet, in welchem sich u.a. ein großes und gut sortiertes Lager und die Qualitätskontrolle befinden. Dadurch und durch die Einrichtung neuer Ausstellungs- und Kongressräume, hat TEKNO-MEDICAL einen weiteren Meilenstein der Firmengeschichte für ein erfolgreiches Bestehen im neuen Jahrhundert passiert.



The quality of our products has always been and will always be our most important issue, that is what our brand name stands for. Therefore it was obvious for TEKNO-MEDICAL to be among the first companies who achieved the ISO-certification and who were allowed to mark their products with the CE-mark. In addition to that, TEKNO-MEDICAL is approved by the FDA and so allowed to export its products to the United States of America. In 1999 TEKNO-MEDICAL built a new logistic centre, which now contains a huge and fully equipped stock and a quality control department. At the same time, the older part of the building has been reconstructed, where now a new show room and modern conference rooms symbolize the steady growth of the company and its presence in the new millennium.



La qualité de nos produits reste toujours notre principal but. C'est pourquoi il nous semble évident d'être parmi les premières entreprises à avoir passé avec succès les certifications ISO, permettant de marquer nos instruments avec la mention «CE». TEKNO-MEDICAL est de plus certifiée par la FDA et par conséquent est en mesure de pouvoir exporter ses produits aux Etats Unis. En 1999 un nouveau bâtiment a été inauguré. Il abrite aujourd'hui la plus grande partie de notre stock et le service de contrôle qualité. Nous disposons également de nouvelles salles d'exposition et de de réunion. Cela marque une étape de plus dans l'histoire de l'entreprise pour le maintien du succès de TEKNO-MEDICAL dans le siècle à venir.



La calidad de nuestros productos fue siempre nuestro objetivo. Fue una evidencia al estar entre las primeras empresas que han aprobados con éxito las certificaciones ISO y que han obtenido el marcado CE de sus productos. TEKNO-MEDICAL esta además certificado por la FDA y por consiguiente tiene la posibilidad de exportar sus productos a los EEUU. En 1999 fue levantado un nuevo edificio, que contiene ahora el centro logístico, el almacén y el servicio de control de calidad. Eso, junto con las nuevas salas de exposición y de reunión, representa un hito suplementario en la historia de nuestra empresa para la continuidad eficaz de TEKNO-MEDICAL en el nuevo siglo.



La qualità dei nostri prodotti è sempre stata e sempre sarà il nostro principale interesse, ed è il motivo stesso dell'esistenza del nostro marchio. Quindi è stato naturale per la TEKNO-MEDICAL essere tra le prime aziende a ricevere la certificazione ISO e a cui è stato concesso di marciare i propri prodotti con il marchio CE. Oltre a ciò TEKNO-MEDICAL ha l'approvazione dell'FDA ed è così autorizzata ad esportare i propri prodotti negli Stati Uniti d'America. Nel 1999 la TEKNO-MEDICAL ha costruito un nuovo centro logistico, che ora ospita un enorme e completo magazzino ed il dipartimento controllo qualità. Allo stesso tempo la parte più vecchia del fabbricato è stata ristrutturata ed in essa una nuova sala espositiva ed una moderna sala conferenze simboleggiano la costante crescita della compagnia e la sua presenza nel nuovo millennio.



Qualität – Quality – Qualität – Quality – Calidad – Qualità



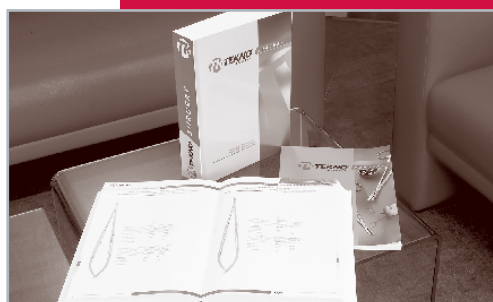
TEKNO-MEDICAL verfügt heute über ein umfangreiches Vertriebsprogramm das nahezu alle Bereiche der Medizintechnik abdeckt und ist in über 70 Ländern vertreten. Sonderanfertigungen für unsere Kunden gehören dabei ebenso zu unseren Leistungen, wie die kompetente Betreuung bei Projektgeschäften. Da TEKNO-MEDICAL bereits bei der Einführung der minimal-invasiven Chirurgie eine Pionierstellung inne hatte und sich umgehend beachtliche Marktanteile sichern konnte, ist das Unternehmen heute nicht nur ein anerkannter Anbieter auf dem Instrumenten-, sondern auch auf dem Endoskopiesektor. Dies wird auch durch ein aktuelles, umfangreiches und auf die Bedürfnisse der Kunden zugeschnittenes Katalog- und Prospektmaterial dokumentiert, welches mehrsprachig erhältlich ist. Modernste Kommunikationsmittel unterstützen unser eingespieltes Vertriebsteam bei der täglichen Arbeit. Durch ständige Schulungen, Weiterbildung und internen Know-how Transfer sind fachliche und sprachliche Kompetenzen auf höchstem Niveau als ein weiterer Bestandteil unserer Leistungsfähigkeit stets gewährleistet.

Today, TEKNO-MEDICAL possesses a wide range of products that nearly covers the entire medical field and which is distributed in more than 70 countries worldwide. Special designs for certain customers are also part of our services as well as qualified support for complete projects. Already at the introduction of the minimal-invasive surgery, TEKNO-MEDICAL could achieve a leading position in this market. TEKNO-MEDICAL is today known as a reliable partner not only for standard surgical instruments, but also for instruments and devices for the endoscopic sector. A wide range of catalogues, adapted to the requirements of our customers and available in different languages, documents this. Modern communication facilities and information technology support our staff's daily work. Constant training and internal know-how transfer guarantee professional competencies on highest levels. Knowledge and use of foreign languages are an evident part of our customer service.

TEKNO-MEDICAL offre actuellement un programme étendu qui couvre presque tous les domaines médicaux et assure la distribution dans plus de 70 pays du monde. La production spéciale et l'assistance de nos clients lors de grands projets font également parties de notre travail. Dès l'introduction de la chirurgie minimale invasive, TEKNO-MEDICAL a pu s'établir dans ce secteur et consolider sa position sur le marché. Aujourd'hui, TEKNO-MEDICAL est non seulement connu pour ses produits de chirurgie classique mais aussi pour les instruments et équipements d'endoscopie. Cela est présenté dans une gamme variée de catalogues adaptés aux besoins de nos clients et disponibles dans plusieurs langues. Des moyens de communication modernes et efficaces assistent notre service de vente dans son travail quotidien. La formation continue et le transfert du know-how interne garantissent des compétences professionnelles et linguistiques d'un haut niveau renforçant notre performance.

TEKNO-MEDICAL dispone hoy día de un gran surtido de productos para casi todos los sectores médicos y esta representada en mas que 70 países del mundo. Fabricaciones especiales y la asistencia competente para nuestros clientes en proyectos grandes son también parte de nuestro trabajo. Desde la introducción de la cirugía mínima invasiva, TEKNO-MEDICAL podría establecerse en este sector e intensificar su posición en el mercado. Hoy día TEKNO-MEDICAL esta conocido no solamente por sus instrumentos de la cirugía clásica, sino también por sus instrumentos y equipos de endoscopia. Eso esta documentado en catálogos amplios, adaptados a las necesidades de nuestros clientes y disponibles en varios idiomas. Medios de comunicación modernos y eficientes apoyan nuestro servicio de ventas en su trabajo cotidiano. Formaciones permanentes y transferencia del know-how interno garantizan competencias profesionales y lingüísticas sobre un alto nivel como parte complementaria de nuestra eficiencia.

Oggi la TEKNO-MEDICAL produce una vasta gamma di prodotti che coprono quasi l'intero settore chirurgico e che sono distribuiti in oltre 70 paesi nel mondo. Speciali design per alcuni clienti sono anche parte del nostro servizio così come un supporto qualificato per l'intera progettazione. Già all'introduzione della chirurgia mini invasiva TEKNO-MEDICAL poteva vantare una posizione leader in questo settore. TEKNO-MEDICAL è conosciuta oggi come un partner affidabile non solamente per gli strumenti chirurgici standard ma anche per strumenti e apparecchiature per il settore endoscopico. Ciò è anche documentato da un'ampia gamma di cataloghi, adeguati secondo le esigenze dei clienti e disponibili in varie lingue. Moderni sistemi di comunicazione via modem e tecnologia informatica supportano il lavoro quotidiano del nostro staff. Costanti corsi di aggiornamento e trasmissione interna del know-how garantiscono una competenza professionale ai massimi livelli. La conoscenza e l'utilizzo delle lingue straniere sono una parte significativa del nostro servizio clienti.

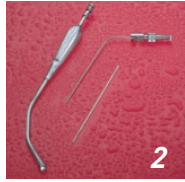




Diagnostik, Narkose
Diagnostics, Anaesthesia

Diagnostic, Anesthésie
Diagnóstico, Anestesia
Diagnostica, Anestesia

1 – 30



Aspiration, Sonden
Aspiration, Probes

Aspiration, Sondes
Aspiración, Sondas
Aspirazione, Sonde

31 – 56



Skalpelle, Messer
Scalpels, Knives

Bistouris, Couteaux
Bisturíes, Cuchillos
Bisturi, Coltelli

57 – 70



Scheren
Scissors

Ciseaux
Tijeras
Forbici

71 – 142



Pinzetten
Forceps

Pinces
Pinzas
Pinze

143 – 170



Arterienklemmen
Haemostatic forceps

Pinces hémostatiques
Pinzas hemostáticas
Pinze emostatiche

171 – 222



Tupferzangen
Cotton swap forceps

Pinces à tampons et à pansements
Pinzas para tapónes y vendajes
Pinze per tamponi e per medicazione

223 – 232



Wundhaken
Retractors

Ecarteurs
Separadores
Divaricatori

233 – 314



Naht
Suture

Suture
Sutura
Sutura

315 – 364



Gefäßchirurgie
Vascular surgery

Chirurgie vasculaire
Cirurgía vascular
Chirurgia vascolare

365 – 420



11

Verband
Dressings

Pansements
Vendajes
Bendaggi

421 – 430



12

Knochenchirurgie
Bone surgery

Chirurgie osseuse
Cirurgía ósea
Chirurgia ossea

431 – 542



13

Mikro- und Neurochirurgie
Micro- and neuro surgery

Chirurgie micro et neuro
Cirurgía micro y neuro
Micro- e Neuro-Chirurgia

543 – 630



14

Thorax, Lunge
Thorax, Lung

Thorax, Poumon
Tórax, Pulmón
Torace, Polmone

631 – 652



15

Magen, Darm
Stomach, Intestine

Estomac, Intestins
Estómago, Intestino
Stomaco, Intestino

653 – 686



16

Urologie
Urology

Urologie
Urología
Urologia

687 – 706

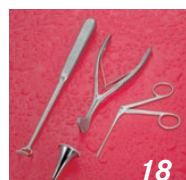


17

Gynäkologie
Gynecology

Gynécologie
Ginecología
Ginecologia

707 – 758



18

HNO
ENT

ORL
ORL
ORL

759 – 870

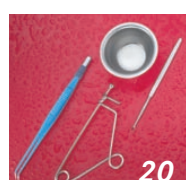


19

Autopsie
Autopsy

Autopsie
Autopsia
Autopsia

871 – 882



20

Verschiedenes
Miscellaneous

Articles divers
Diversos artículos
Articoli vari

883 – 910



Diagnostik, Narkose
Diagnostics, Anaesthesia

Diagnostic, Anesthésie
Diagnóstico, Anestesia
Diagnostica, Anestesia

Perkussionshämmer
Percussion Hammers

Marteaux-percuteurs
Martillos de percusión
Martelli percussori



BABINSKY
220 mm
tk 4307-22



RABINER
230 mm
tk 4350-23

Perkussionshämmer
Percussion Hammers

Marteaux-percuteurs
Martillos de percusión
Martelli percussori

WARTENBERG

190 mm – 7"

tk 4200-19



BUCK

180 mm – 7"

tk 4310-18

TROEMNER

240 mm – 9½"

tk 4313-24



TAYLOR

180 mm – 7"

tk 4320-18

200 mm – 8"

tk 4320-20



BERLINER

200 mm – 8"

tk 4330-20



DÉJERINE

210 mm – 8"

tk 4340-21

Diagnostik-Bestecke
Diagnostic sets

Trousses à diagnose
Juegos para diagnóstico
Astucci diagnostici



tk4425-00

Ophthalmoskop-Besteck
Ophthalmoscope set
Trousse à ophtalmoscopie
Ophthalmoscopio
Oftalmoscopio



tk4430-00

Universal-Besteck
Universal set
Trousse universelle
Estuche universal
Astuccio universale

Diagnostik-Bestecke
Diagnostic sets

Trousses à diagnose
Juegos para diagnóstico
Astucci diagnostici



tk 4432-00

Kombinations-Besteck
Combination set

Trousse combinée
Estuche combinado
Astuccio combinato



tk 4434-00

Otoskop-Besteck
Otoscope set

Trousse à otoscopie
Otoscopio
Otoscopio

Stethoskope | Stéthoscopes
Stethoscopes | Estetoscopios
Stetoscopi



1:2

PINARD
180 mm – 7"
tk4099-18

Holz
Wood
Bois
Madera
Legno



1:2

PINARD
150 mm – 6"
tk4100-15

Aluminium
Aluminium
Aluminium
Aluminio
Alluminio



1:4

DUPLEX
47 mm | tk4500-00

für Erwachsene
for adults
pour adultes
para adultos
per adulti

BABY-DUPLEX
37 mm | tk4500-50

für Kinder
for children
pour enfants
para niños
per bambini



1:1

ANESTOPHON
47 mm | tk4505-00

für Schwestern, einfach
for nurses, simple
pour infirmières, simple
para enfermeras, simple
per infermiere, semplice



1:4

Stirnspiegel
Head mirrors

Miroirs frontaux
Espejos frontales
Specchi frontali



ZIEGLER

90 mm Ø | tk 4550-00

Stirnspiegel mit schwarzem Plastikband
Head mirror with black plastic head band

Miroir frontal avec ruban en plastique noir
Espejo frontal con banda de plastica negra
Specchio frontale con fascia di plastica nera

ZIEGLER

90 mm Ø | tk 4520-09

Reflexspiegel allein, mit Gummifassung
Head mirror only, with rubber coating

Miroir frontal seul, avec monture en caoutchouc
Espejo frontal solo, con guarnición de goma
Solo specchio frontale, con guarnizione di gomma

90 mm Ø | tk 4552-00

Stirnspiegel mit weissem Plastikband
Head mirror with white plastic head band

Miroir frontal avec ruban en plastique blanc
Espejo frontal con banda de plastica blanca
Specchio frontale con fascia di plastica bianca

tk 4510-00

Plastikband, schwarz
Black plastic head band
Ruban en plastique noir
Banda de plastica, negra
Fascia di plastica, nera

tk 4511-00

Plastikband, weiss
White plastic head band
Ruban en plastique blanc
Banda de plastica, blanca
Fascia di plastica, bianca

Kaltlicht-Stirnlampe
Cold-light head lamp

Eclaireur frontal de lumière froide
Lámpara frontal de luz fría
Lampada frontale a luce fredda

BINNER

tk4559-00

Kaltlicht-Stirnlampe mit verstellbarer Fokussierlinse,
Arbeitsabstand 300 mm, Leuchtfeldgröße 70 – 120 mm Ø

*Head light, cold-light, adjustable focus,
working distance 300 mm, field of illumination 70 – 120 mm Ø*

Eclaireur frontal, lumière froide, focus ajustable,
distance de travail 300 mm, champ d'illumination 70 – 120 mm Ø

*Lámpara frontal, luz fría, focus ajustable,
distancia de trabajo 300 mm, campo de iluminación 70 – 120 mm Ø*

Lampada frontale, luce fredda, con lente a focale variabile,
distanza di lavoro 300 mm, campo d'illuminazione 70 – 120 mm Ø



Stirnlampen
Head lamps

Eclaireurs frontaux
Lámparas frontales
Lampade frontali

CLAR

100 mm Ø, 6 V	tk4555-06
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Stirnlampe komplett
Head light complete

Eclaireur frontal complet
Lámpara frontal, completa
Lampada frontale, completa

100 mm Ø, 6 V	tk4556-06
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Stirnlampe mit Kabel, Fassung und Spiegel, ohne Stirnreifen
Head light with cable, frame and mirror, without head band

Eclaireur frontal avec cable, douille et miroir, sans ruban
Lámpara frontal, con cable, armadura y espejo, sin banda
Lampada frontale con cavo, supporto e specchio, senza fascia



MINI-CLAR

50 mm Ø, 6 V	tk4560-06
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komplett
complete
complet
completa
completa

CLAR

50 mm Ø	tk4560-07
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100 mm Ø	tk4555-07
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Spiegel aus Glas, ohne Fassung
Head mirror glass, without frame
Miroir frontal en vitre, sans douille
Espejo frontal de cristal, sin armadura
Vetro specchio, senza supporto

CLAR

tk4557-01

Spezial-Gelenkverbindung
Special socket joint
Assemblage articulé spécial
Conexión
Giunto di connessione speciale

CLAR

tk4557-07

Stirnreifen allein
Head band only
Ruban seul
Banda sola
Solo fascia frontale

6 V

tk4557-06

Glühbirne
Bulb
Ampoule
Bombilla
Lampadina

Input 220V / 50Hz ~

Output 0-10V / 3W =

tk4585-01

Transformator – stufenlos einstellbar
Transformer – stepless adjustable

Transformateur – à réglage continue
Transformador – regulación continua
Trasformatore – regolabile in continuità



Binokularlupe
Binocular magnifying lens

Loupe binoculaire
Lupa binocular
Lente binoculare



tk 4596-00

2.5 fache Vergrößerung, 340 mm Arbeitsabstand, Sichtfeld > 90 mm Ø, komplett.
Pupillenabstand einstellbar von 48 mm – 77 mm. Neigungswinkel individuell justierbar.
Gewicht der Optik 42 g.

*2.5 times enlargement, 340 mm working distance, field of vision > 90 mm Ø, complete.
Pupillary distance adjustable from 48 mm – 77 mm. Individual adjustable angle of inclination.
Weight of the optic 42 g.*

2.5 fois grossissement, distance de travail 340 mm, champ de vision > 90 mm Ø, complèt.
Ecart interpupillaire ajustable de 48 mm – 77 mm. Angle d'inclinaison ajustable individuellement.
Poids de l'optique 42 g.

*2.5 veces aumento, distancia de trabajo 340 mm, campo de visión > 90 mm Ø, completo.
Distancia interpupilar ajustable de 48 mm – 77 mm. Angulo de inclinación ajustable individual.
Peso de la optica 42 g.*

Ingrandimento: 2.5 volte, distanza di lavoro 340 mm, campo di visione > 90 mm Ø, completo.
Distanza interpupillare regolabile da 48 mm – 77 mm. Angolo di inclinazione regolabile individualmente.
Peso dell'ottica 42 g.

tk 4596-01

Kopfband
Head band

Ruban
Banda
Fascia



Andere Arbeitsabstände und Sichtfelder auf Anfrage.

Other working distances and fields of vision upon request.

Autres distances de travail et champs de vision sur demande.

Otras distancias de trabajo y campos de visión según demanda.

Su richiesta disponibili altre distanze di lavoro e campi di visione.

Blutdruckmessgeräte
Sphygmomanometers

Tensiomètres
Esgfigmomanometros
Sfigmomanometri



tk 4734-00

Manometer-Blutdruckmessgerät, geeicht
Sphygmomanometer, calibrated

Tensiomètre, calibré
Esgfigmomanometro, calibrado
Sfigmomanometro, calibrato

tk 4737-00

ungeeicht
non calibrated

non calibré
no calibrado
non calibrato



tk 4742-00

Quecksilber-Blutdruckmessapparat, ungeeicht
Mercury blood pressure manometer, non calibrated

Tensiomètre à mercure, non calibré
Manómetro de mercurio, no calibrado
Manometro a mercurio, non calibrato

Messinstrumente
Measuring instruments

Instruments pour mesurer
Instrumentos de medidas
Strumenti di misura



COLLIN

125 mm – 5"	tk4605-01	tk4605-02	tk4605-03
	für Kinder, kg-Einteilung <i>for children, kg-scale</i> pour enfants, échelle en kg <i>para niños, graduación en kg</i> per bambini, graduazione in kg	für Erwachsene, kg-Einteilung <i>for adults, kg-scale</i> pour adultes, échelle en kg <i>para adultos, graduación en kg</i> per adulti, graduazione in kg	für Erwachsene, lbs-Einteilung <i>for adults, lbs-scale</i> pour adultes, échelle en lbs <i>para adultos, graduación en lbs</i> per adulti, graduazione in lbs



BERTILLON

320 mm – 12½" **tk4612-01**



MOELTGEN

240 mm – 9½" **tk4615-00**

Messinstrumente
Measuring instruments

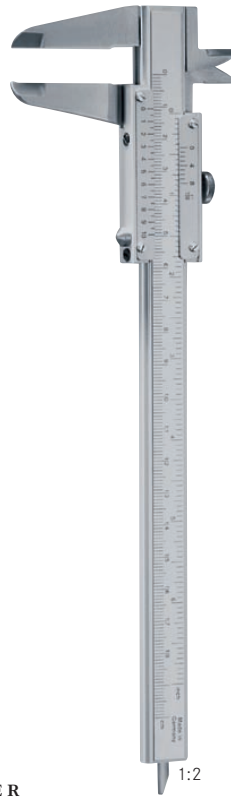
Instruments pour mesurer
Instrumentos de medidas
Strumenti di misura



100 mm – 4 "	tk 4651-10
150 mm – 6 "	tk 4651-15
200 mm – 8 "	tk 4651-20
300 mm – 12 "	tk 4651-30
500 mm – 20 "	tk 4651-50



500 mm – 20 "	tk 4655-50
Röntgen-Messstab <i>X-ray ruler</i>	
Règle rayons X <i>Regla para rayos X</i>	
Misuratore per raggi X	



VERNIER

210 mm – 8 1/4 "	tk 4620-21	tk 4630-01
Aluminium <i>Aluminium</i>		Stahl <i>Steel</i>
Aluminium <i>Aluminio</i>		Acier <i>Acero</i>
Alluminio		Acciaio



CASTROVIEJO

80 mm – 3 1/4 "	tk 4625-08
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1500 mm – 60 "	tk 4667-15	tk 4668-15
Stahl <i>Steel</i>		Wachs <i>Wax cloth</i>
Acier <i>Acero</i>		Toile cirée <i>Cerada</i>
Acciaio		Cera

Zungenspatel | Abaisse-langues
 Tongue depressors | Espatulas bucales
 Abbassalingua



1:2

160 mm – 6¼" | **tk 5482-16**

Holz
 Wood
 Bois
 Madera
 Legno



1:2

145 mm – 5¾" | **tk 5483-14**



1:2

KROENIG
 150 mm – 6" | **tk 5485-15**



1:2

MAYO
 170 mm – 6¾" | **tk 5486-17**



1:2

BRUENINGS
 190 mm – 7½" | **tk 5487-19**



1:2

FRENZEL
 165 mm – 6½" | **tk 5489-16**

Zungendrucker
Tongue depressors

Abaisse-langues
Baja lenguas
Abbassalingua



WIEDER



1:2



1:2

150 mm – 6"

tk 5479-01

140 mm – 5½"

tk 5479-02



BOSWOTH

1:2

145 mm – 5¾"

tk 5475-14



TOBOLD

1:2

145 mm – 5¾"

tk 5477-14



HARTMANN

1:2

150 mm – 6"

tk 5480-15



ANDREW

1:2

110 mm – 4¾"

tk 5481-11

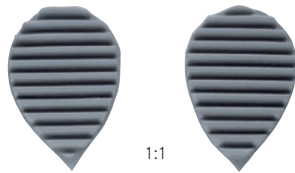
Zungenzangen
Tongue holding forceps

Pinces tire langue
Pinzas tiralengua
Pinze tiralingua



YOUNG

170 mm – 6¾" tk 5410-17



1:1

tk 5410-90

1 Paar Ersatz Gummi-Einsätze
1 Pair rubber-inserts

1 Paire des inserts en caoutchouc
1 Juego de insertos de goma
1 Paio d'inserti di gomma



COLLIN

160 mm – 6¼" tk 5430-16

170 mm – 6¾" tk 5430-17

190 mm – 7½" tk 5430-19

Wangenhalter
Cheek retractors

Ecarteur des joues
Separador de mejillas
Divaricatori per guancia

STERNBERG

120 mm – 4¾" tk 5471-12

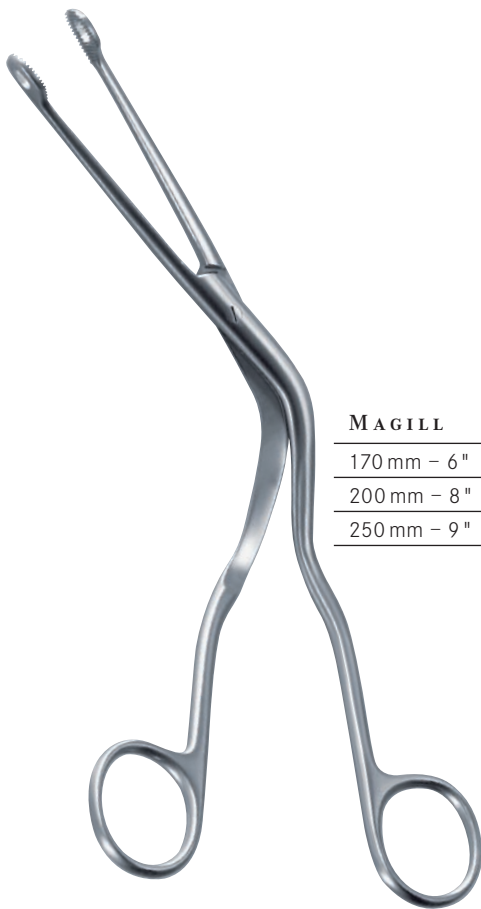
140 mm – 5½" tk 5471-14

160 mm – 6¼" tk 5471-16



Katheterzangen
Catheter forceps

Pinces pour cathéters
Pinzas para catéteres
Pinze per catetere



MAGILL

170 mm – 6"	tk 5240-17		
200 mm – 8"		tk 5230-20	
250 mm – 9"			tk 5220-25

Laryngoskope
Laryngoscopes

Laryngoscopes
Laringoscopios
Laringoscopi

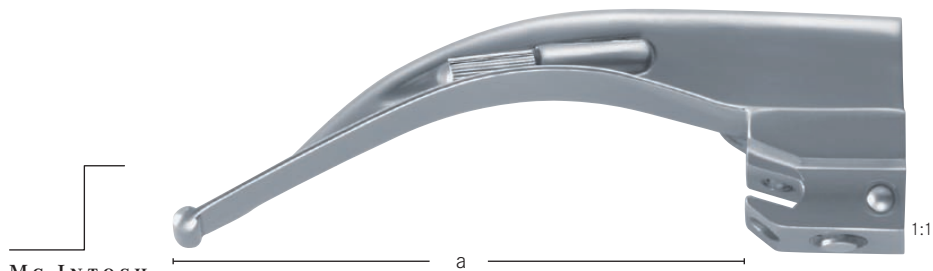


Fig. 0	Fig. 1	Fig. 2	Fig. 3	Fig. 4	Fig. 5
a = 55 mm	a = 70 mm	a = 90 mm	a = 110 mm	a = 130 mm	a = 150 mm
tk 5100-00	tk 5100-01	tk 5100-02	tk 5100-03	tk 5100-04	tk 5100-05

rostfrei
stainless steel
inoxydable
inoxidable
inossidabile



Fig. 0	Fig. 1	Fig. 2	Fig. 3	Fig. 4	Fig. 5
tk 5145-02	tk 5145-02	tk 5145-01	tk 5145-01	tk 5145-01	tk 5145-01

Ersatzlampe
Spare lamp
Lampe de rechange
Bombilla de sustitución
Lampadina di ricambio



	Fig. 0	Fig. 1	Fig. 2	Fig. 3	Fig. 4
	a = 55 mm	a = 70 mm	a = 90 mm	a = 110 mm	a = 130 mm
tk 5110-03			x	x	x
tk 5110-04		x	x	x	x
tk 5110-05	x	x	x	x	x

Satz im Etui mit Griff rostfrei (Griff: tk 5143-07, Seite 21)
Set in case with handle stainless steel (handle: tk 5143-07, page 21)
Trousse à laryngoscopie en boîte avec manche inoxydable (manche: tk 5143-07, page 21)
Juego de laringoscopia, en caja, con mango inoxidable (mango: tk 5143-07, pagina 21)
Astuccio da laringoscopia, in cassetta, manico inossidabile (manico: tk 5143-07, pagina 21)

	tk 5110-11	tk 5110-12	tk 5110-13
Etui für Mc Intosh, leer Case for Mc Intosh, empty	für 3 Spatel for 3 blades	für 4 Spatel for 4 blades	für 5 Spatel for 5 blades
Etui pour Mc Intosh, vide Estuche para Mc Intosh, vacío	pour 3 spatules para 3 espátulas	pour 4 spatules para 4 espátulas	pour 5 spatules para 5 espátulas
Astuccio per Mc Intosh, vuoto	per 3 spatole	per 4 spatole	per 5 spatole

Laryngoskope
Laryngoscopes

Laryngoscopes
Laringoscopios
Laringoscopi

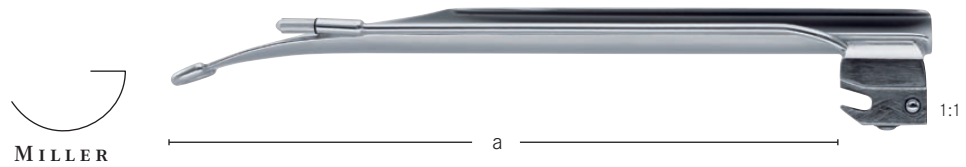


Fig. 0	Fig. 1	Fig. 2	Fig. 3	Fig. 4
a = 55 mm	a = 80 mm	a = 130 mm	a = 170 mm	a = 180 mm
tk 5120-00	tk 5120-01	tk 5120-02	tk 5120-03	tk 5120-04

rostfrei
stainless steel
inoxydable
inoxidable
inossidabile



Fig. 0	Fig. 1	Fig. 2	Fig. 3	Fig. 4
tk 5145-02	tk 5145-02	tk 5145-01	tk 5145-01	tk 5145-01

Ersatzlampe
Spare lamp
Lampe de rechange
Bombilla de sustitución
Lampadina di ricambio



	Fig. 0	Fig. 1	Fig. 2	Fig. 3	Fig. 4
	a = 55 mm	a = 80 mm	a = 130 mm	a = 170 mm	a = 180 mm
tk 5121-03		x	x	x	
tk 5121-04		x	x	x	x
tk 5121-05	x	x	x	x	x

Satz im Etui mit Griff rostfrei (Griff: tk 5143-07, Seite 21)
Set in case with handle stainless steel (handle: tk 5143-07, page 21)
Trousse à laryngoscopie en boîte avec manche inoxydable (manche: tk 5143-07, page 21)
Juego de laringoscopia, en caja, con mango inoxidable (mango: tk 5143-07, pagina 21)
Astuccio da laringoscopia, in cassetta, manico inossidabile (manico: tk 5143-07, pagina 21)

	tk 5121-11	tk 5121-12	tk 5121-13
Etui für Miller, leer Case for Miller, empty	für 3 Spatel for 3 blades	für 4 Spatel for 4 blades	für 5 Spatel for 5 blades
Etui pour Miller, vide Estuche para Miller, vacío	pour 3 spatules para 3 espátulas	pour 4 spatules para 4 espátulas	pour 5 spatules para 5 espátulas
Astuccio per Miller, vuoto	per 3 spatole	per 4 spatole	per 5 spatole

Laryngoskop-Griffe
Laryngoscope handles

Manches pour laryngoscopes
Mangos de laringoscopios
Manici per laringoscopi



tk 5140-07

verchromt
chrome plated
chromé
cromado
cromato

tk 5142-07

rostfrei
stainless steel
inoxydable
inoxidable
inossidabile

1:1



tk 5141-07

verchromt
chrome plated
chromé
cromado
cromato

tk 5143-07

rostfrei
stainless steel
inoxydable
inoxidable
inossidabile

1:1



Alle Griffe sind nur in Gas sterilisierbar oder in einer Lösung zu desinfizieren. Keine Sterilisation in Autoklaven und Heissluft. In jedem Fall vorher den Akkumulator oder den Batteriecontainer entnehmen.

All handles are only sterilizable in a gassterilizer or can be cleaned in a disinfection solution. Not autoclavable and no sterilisation in hot-air. Accumulator or battery housing must be taken off before.

Toutes les manches peuvent être stérilisées à gaz ou dans une solution désinfectante. Aucune stérilisation dans l'autoclave et à l'air chaud. Accumulateur ou contenair des piles doit être enlevé.

Todos los mangos son solamente esterilizables en gas o en una solución de desinfección. No esterilización en el autoclave o con aire caliente. En todo caso, quitar el acumulador o el contenedor de las pilas.

Tutti i manici sono soltanto immergibili oppure sterilizzabili in gas. Nessuna sterilizzazione in autoclave o aria calda. In tutti i casi dovette prima rimuovere l'accumulatore o il contenitore di batterie.

Laryngoskope – Kaltlicht
Laryngoscopes – Cold light

Laryngoscopes – lumière froide
Laringoscopios – luz fría
Laringoscopi – luce fredda

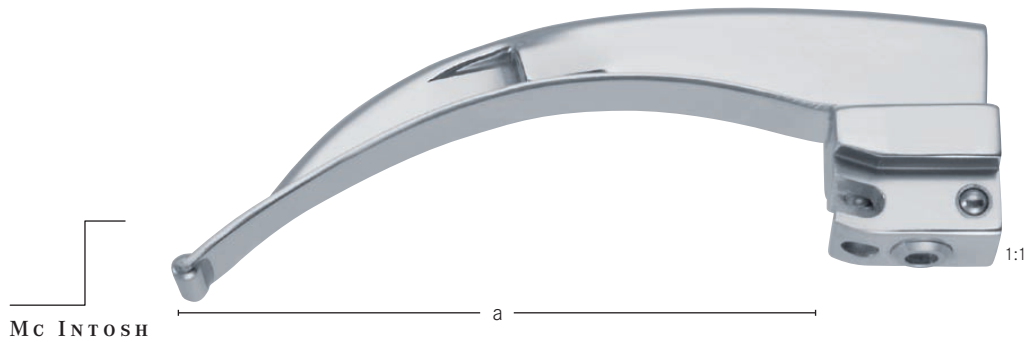


Fig. 0	Fig. 1	Fig. 2	Fig. 3	Fig. 4	Fig. 5
a = 55 mm	a = 70 mm	a = 90 mm	a = 110 mm	a = 130 mm	a = 150 mm
tk 5150-00	tk 5150-01	tk 5150-02	tk 5150-03	tk 5150-04	tk 5150-05

rostfrei
stainless steel
inoxydable
inoxidable
inossidabile



	Fig.0	Fig.1	Fig.2	Fig.3	Fig.4
	a = 55 mm	a = 70 mm	a = 90 mm	a = 110 mm	a = 130 mm
tk 5151-03			x	x	x
tk 5151-04		x	x	x	x
tk 5151-05	x	x	x	x	x

Satz im Etui mit Griff rostfrei (Griff: tk 5176-09, Seite 24)

Set in case with handle stainless steel (handle: tk 5176-09, page 24)

Trousse à laryngoscopie en boîte avec manche inoxydable (manche: tk 5176-09, page 24)

Juego de laringoscopia, en caja, con mango inoxidable (mango: tk 5176-09, pagina 24)

Astuccio da laringoscopia, in cassetta, manico inossidabile (manico: tk 5176-09, pagina 24)



Sterilisier-Information: Alle Spatel können bis 134 °C im Autoklaven sterilisiert werden.

Sterilizing information: All blades are autoclavable up to 134 °C.

Information pour la stérilisation: Toutes les spatules peuvent être stérilisées jusqu'à 134 °C dans l'autoclave.

Información para la esterilización: Todas las espátulas pueden ser esterilizadas en el autoclave a 134 °C.

Informazione per la sterilizzazione: Tutte le spatole possono essere sterilizzate nell'autoclave fino a 134 °C.

Laryngoskope – Kaltlicht
Laryngoscopes – Cold light

Laryngoscopes – lumière froide
Laringoscopios – luz fría
Laringoscopi – luce fredda



MILLER

Fig. 0	Fig. 1	Fig. 2	Fig. 3	Fig. 4
a = 55 mm	a = 80 mm	a = 130 mm	a = 170 mm	a = 180 mm
tk 5160-00	tk 5160-01	tk 5160-02	tk 5160-03	tk 5160-04

rostfrei
stainless steel
inoxydable
inoxidable
inossidabile



	Fig. 0	Fig. 1	Fig. 2	Fig. 3	Fig. 4
	a = 55 mm	a = 80 mm	a = 130 mm	a = 170 mm	a = 180 mm
tk 5161-03		x	x	x	
tk 5161-04		x	x	x	x
tk 5161-05	x	x	x	x	x

Satz im Etui mit Griff rostfrei (Griff: tk 5176-09, Seite 24)

Set in case with handle stainless steel (handle: tk 5176-09, page 24)

Trousse à laryngoscopie en boîte avec manche inoxydable (manche: tk 5176-09, page 24)

Juego de laringoscopia, en caja, con mango inoxidable (mango: tk 5176-09, pagina 24)

Astuccio da laringoscopia, in cassetta, manico inossidabile (manico: tk 5176-09, pagina 24)



Sterilization Information: Alle Spatel können bis 134 °C im Autoklaven sterilisiert werden.

Sterilizing information: All blades are autoclavable up to 134 °C.

Information pour la stérilisation: Toutes les spatules peuvent être stérilisées jusqu'à 134 °C dans l'autoclave.

Información para la esterilización: Todas las espátulas pueden ser esterilizadas en el autoclave a 134 °C.

Informazione per la sterilizzazione: Tutte le spatole possono essere sterilizzate nell'autoclave fino a 134 °C.

Laryngoskop-Griffe – Kaltlicht
Laryngoscope handles – Cold light

Manche pour laryngoscopes – lumière froide
Mangos de laringoscopios – luz fría
Manici per laringoscopi – luce fredda



tk 5175-09

Griff mit Batteriecontainer und Halogen-Lampe
Handle with battery container and halogen lamp
Manche avec conteneur à pile et lampe halogène
Mango con contenedor para pilas, luz halogeno
Manico con contenitore per pila, lampada alogena



tk 5176-09

Griff mit Batteriecontainer und Xenon-Lampe
Handle with battery container and xenon lamp
Manche avec conteneur à pile et lampe xenon
Mango con contenedor para pilas, luz xenon
Manico con contenitore per pila, luce xenon

Akkumulatoren und Batteriecontainer
Accumulators and battery containers

Accumulateurs et conteneurs de piles
Accumuladores y contenedores para pilas
Accumulatori e contenitori per pila



tk 5183-05

Batteriecontainer für tk 5176-09
Battery container for tk 5176-09
Conteneur à pile pour tk 5176-09
Contenedor para pilas, para tk 5176-09
Contenitore per pile, per tk 5176-09



tk 5184-05

Batteriencontainer für tk 5175-09
Battery container for tk 5175-09
Conteneur à pile pour tk 5175-09
Contenedor para pilas, para tk 5175-09
Contenitore per pile, per tk 5175-09



2,5 V

tk 5186-04

für Batteriehandgriffe
for battery
pour de piles
para de pilas
per manici a pila

Xenon Ersatzlampen, 1 Packung à 6 Stück
Xenon spare lamps, pack of 6 pieces
Xenon lampe de rechange, jeu de 6 pièces
Xenon bombilla de cambio, juego de 6 piezas
Lampadina di ricambio Xenon, confezione da 6 pezzi

3,6 V

tk 5186-06

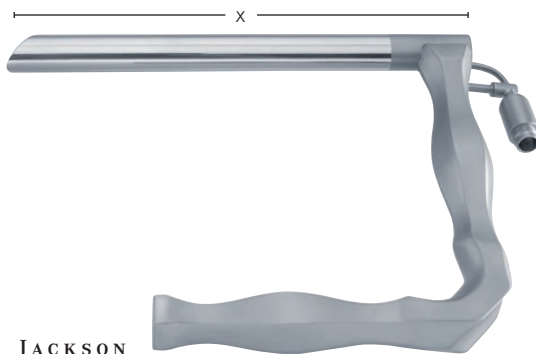
für Akkuhandgriffe
for accumulator handles
pour poignées d'accumulateurs
para mangos de acumuladores
per manici d'accumulatore



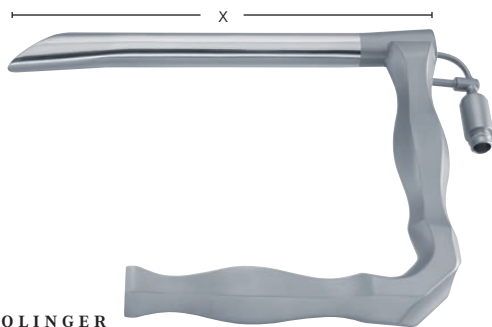
tk 5187-04

Halogen Ersatzlampe
Halogen spare lamp
Halogéne lampe de rechange
Halogeno bombilla de cambio
Lampadina di ricambio alogena

Laryngoskope
Laryngoscopes

 Laryngoscopes
 Laringoscopios
 Laringoscopi

JACKSON

	x = 120 mm	x = 170 mm	x = 180 mm
	tk 5190-01	tk 5190-02	tk 5190-03
Jackson mit Lichtträger, rostfrei <i>Jackson with light carrier, stainless steel</i> Jackson avec porte de lumière, inoxydable <i>Jackson con porta fibras, inoxidable</i> Jackson con porta luce, inossidabile	für Säuglinge <i>for babys</i> pour nourissons <i>para lactantes</i> per lattanti	für Kinder <i>for children</i> pour enfants <i>para niños</i> per bambini	für Erwachsene <i>for adults</i> pour adultes <i>para adultos</i> per adulti
	x = 120 mm	x = 170 mm	x = 180 mm
	tk 5191-01	tk 5191-02	tk 5191-03
Lichtträger, allein, für Jackson <i>Light carrier, only, for Jackson</i> Porte de lumière, seul, pour Jackson <i>Porta fibras, sola, para Jackson</i> Porta luce, sola, per Jackson	für Säuglinge <i>for babys</i> pour nourissons <i>para lactantes</i> per lattanti	für Kinder <i>for children</i> pour enfants <i>para niños</i> per bambini	für Erwachsene <i>for adults</i> pour adultes <i>para adultos</i> per adulti


HOLINGER

	x = 171 mm	x = 180 mm
	tk 5195-01	tk 5195-02
Holinger mit Lichtträger, rostfrei <i>Holinger with light carrier, stainless steel</i> Holinger avec porte de lumière, inoxydable <i>Holinger con porta fibras, inoxidable</i> Holinger con porta luce, inossidabile		
	x = 171 mm	x = 180 mm
	tk 5196-01	tk 5196-02
Lichtträger, allein, für Holinger <i>Light carrier, only, for Holinger</i> Porte de lumière, seul, pour Holinger <i>Porta fibras, sola, para Holinger</i> Porta luce, solo, per Holinger		

Operationslaryngoskope
Operation laryngoscopes

Laryngoscopes pour interventions chirurgicales
Laringoscopios para operaciones
Laringoscopi per l'intervento chirurgico

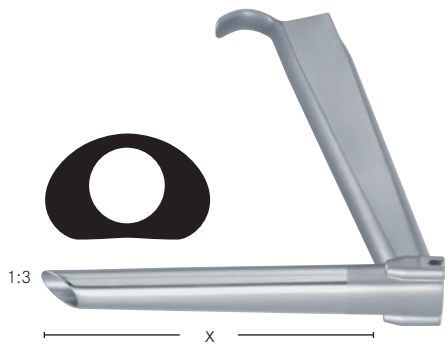


Fig. 1

x = 135 mm	tk 5250-01
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Rostfreier Edelstahl
Stainless steel
Acier inoxydable
Acero inoxidable
Acciaio inossidabile



Fig. 2

x = 152 mm	tk 5250-02
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Rostfreier Edelstahl
Stainless steel
Acier inoxydable
Acero inoxidable
Acciaio inossidabile



Fig. 3

x = 182 mm	tk 5250-03
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Rostfreier Edelstahl
Stainless steel
Acier inoxydable
Acero inoxidable
Acciaio inossidabile



Fig. 4

x = 172 mm	tk 5250-04
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Rostfreier Edelstahl
Stainless steel
Acier inoxydable
Acero inoxidable
Acciaio inossidabile

Operationslaryngoskope
Operation laryngoscopes

Laryngoscopes pour interventions chirurgicales
Laringoscopios para operaciones
Laringoscopi per l'intervento chirurgico

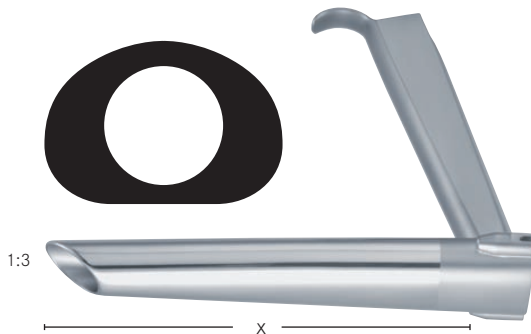


Fig. 5

x = 172 mm | tk 5250-05

Rostfreier Edelstahl
Stainless steel
Acier inoxydable
Acero inoxidable
Acciaio inossidabile



Fig. 6

x = 182 mm | tk 5250-06

Rostfreier Edelstahl
Stainless steel
Acier inoxydable
Acero inoxidable
Acciaio inossidabile

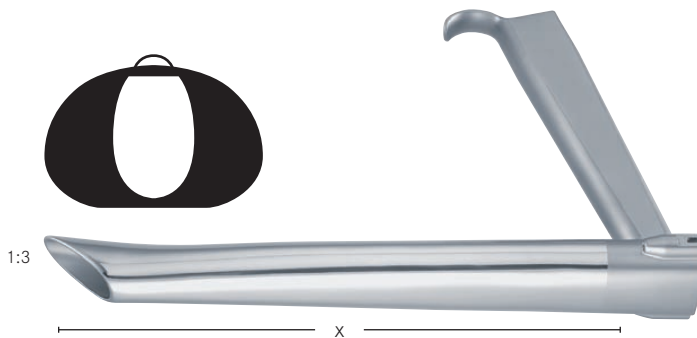
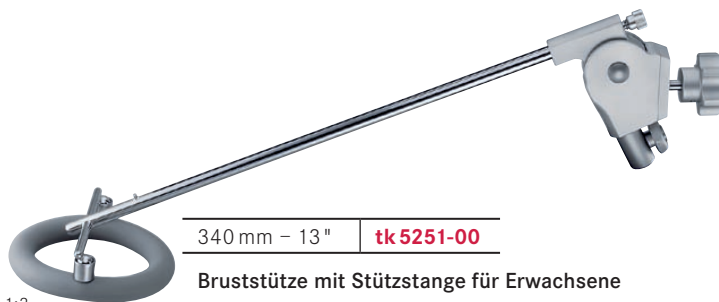


Fig. 7

x = 222 mm | tk 5250-07

Rostfreier Edelstahl
Stainless steel
Acier inoxydable
Acero inoxidable
Acciaio inossidabile



340 mm – 13" | tk 5251-00

Bruststütze mit Stützstange für Erwachsene
Chest-support with support-rod for adults
Appui-poitrine avec tige pour adultes
Soporte de pecho con vara para adultos
Supporto per petto con asta per adulti

240 mm – 9" | tk 5251-50

Stützstange für Kinder
Support-rod for children
Tige pour enfants
Vara para niños
Asta per bambini

Fiberglas-Lichtträger
Fiberglas light-guides

Portes lumière-froide
Porta fibras
Porta luce fibreottica



tk 5252-00

für Laryngoskope tk 5250-01 – tk 5250-02
for laryngoscopes tk 5250-01 – tk 5250-02
pour laryngoscopes tk 5250-01 – tk 5250-02
para laringoscopios tk 5250-01 – tk 5250-02
per laringoscopi tk 5250-01 – tk 5250-02



tk 5260-00

Rauchabsaugrohr für Laryngoskope tk 5250-03 – tk 5250-07
Suction tube for laryngoscopes tk 5250-03 – tk 5250-07
Tube d'aspiration pour laryngoscopes tk 5250-03 – tk 5250-07
Tubo de aspiración para laringoscopios tk 5250-03 – tk 5250-07
Tubo d'aspirazione per laringoscopi tk 5250-03 – tk 5250-07



tk 5254-00

für Laryngoskope tk 5250-03 – tk 5250-06
for laryngoscopes tk 5250-03 – tk 5250-06
pour laryngoscopes tk 5250-03 – tk 5250-06
para laringoscopios tk 5250-03 – tk 5250-06
per laringoscopi tk 5250-03 – tk 5250-06



tk 5258-00

Injektionskanüle für Laryngoskope tk 5250-01 – tk 5250-07
Injections drain tube for laryngoscopes tk 5250-01 – tk 5250-07
Canule à injection pour laryngoscopes tk 5250-01 – tk 5250-07
Canula de inyección para laringoscopios tk 5250-01 – tk 5250-07
Cannula d'iniezione per laringoscopi tk 5250-01 – tk 5250-07



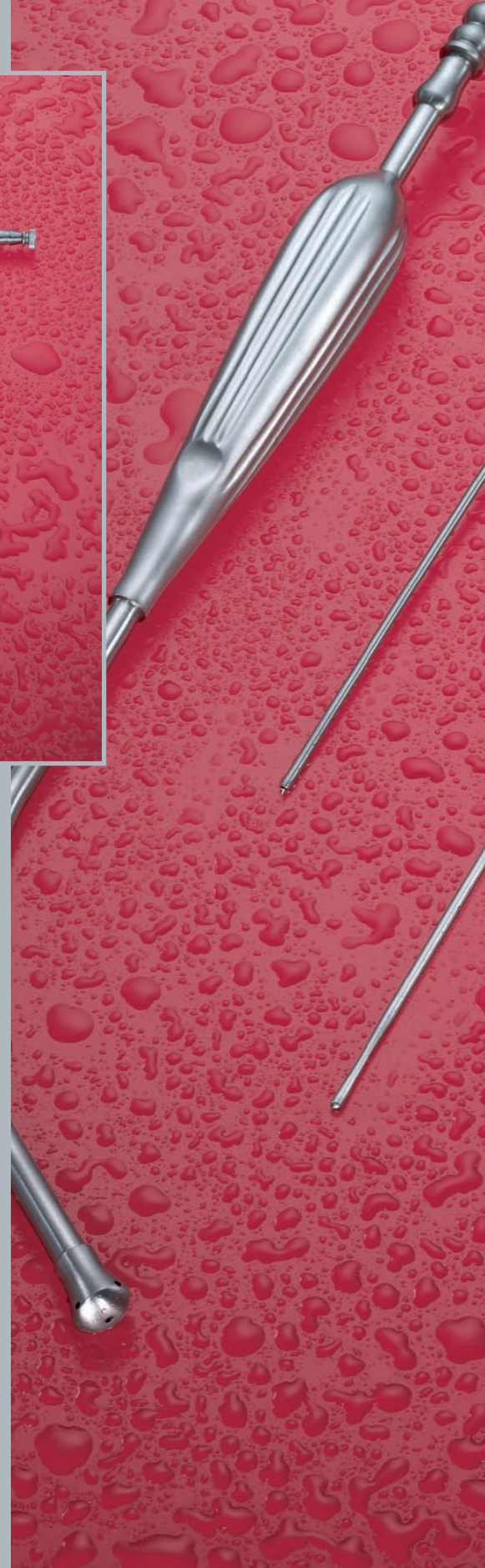
tk 5256-00

für Laryngoskop tk 5250-07
for laryngoscope tk 5250-07
pour laryngoscope tk 5250-07
para laringoscopio tk 5250-07
per laringoscopio tk 5250-07



Aspiration, Sonden
Aspiration, Probes

Aspiration, Sondes
Aspiración, Sondas
Aspirazione, Sonde



Trokare | Trocarts
Trocars | Trócares
Trequarti



1:1

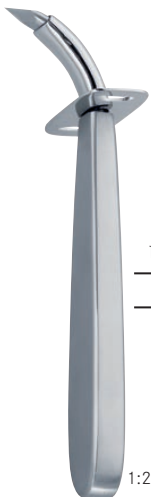
1:1

UNIVERSAL



	Fig. 1	Fig. 2	Fig. 3	Fig. 4
	6.0 mm Ø	4.5 mm Ø	3.0 mm Ø	1.75 mm Ø
tk 6111-03		x	x	x
tk 6111-04	x	x	x	x

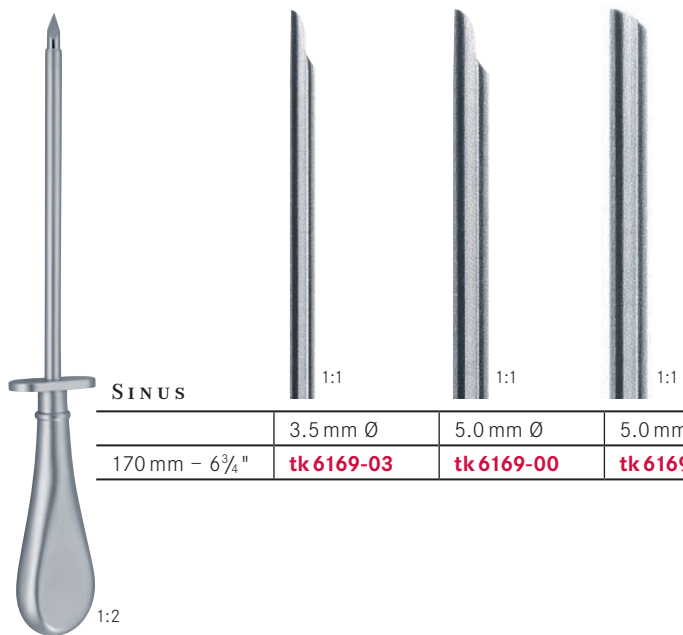
Satz
Set
Jeu
Juego
Serie



1:2

UCKERMANN

130 mm – 5"	tk 6163-13
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1:2

SINUS

	3.5 mm Ø	5.0 mm Ø	5.0 mm Ø
170 mm – 6¾"	tk 6169-03	tk 6169-00	tk 6169-05

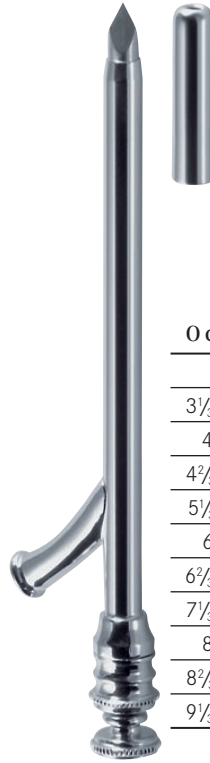
Trokare
Trocars
Trocarts
Trócares
Trequarti



LICHTWITZ

1:2

	1.8 mm Ø	2.0 mm Ø
190 mm – 7½"	tk 6170-19	tk 6171-15



OCHSNER

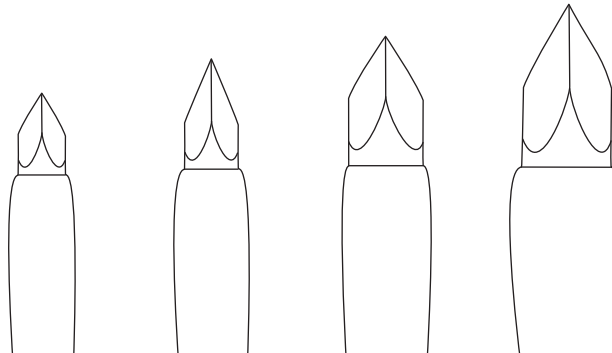
		100 mm – 4"
3½ mm Ø	10 Char./Fr.	tk 6190-10
4 mm Ø	12 Char./Fr.	tk 6190-12
4⅔ mm Ø	14 Char./Fr.	tk 6190-14
5⅓ mm Ø	16 Char./Fr.	tk 6190-16
6 mm Ø	18 Char./Fr.	tk 6190-18
6⅔ mm Ø	20 Char./Fr.	tk 6190-20
7⅓ mm Ø	22 Char./Fr.	tk 6190-22
8 mm Ø	24 Char./Fr.	tk 6190-24
8⅔ mm Ø	26 Char./Fr.	tk 6190-26
9⅓ mm Ø	28 Char./Fr.	tk 6190-28



1:2

NELSON

	6.0 mm Ø	8.3 mm Ø	9.5 mm Ø	11.6 mm Ø
210 mm – 8¼"	tk 6175-01	tk 6175-02	tk 6175-03	tk 6175-04



Trokare
Trocars
Trequarti



LANDAU

	2 mm Ø
160 mm – 6¼"	tk 6210-16



PIERCE

	170 mm – 6¾"
3 mm Ø	tk 6225-03
4 mm Ø	tk 6225-04
5 mm Ø	tk 6225-05



KRAUSE

	5.5 mm Ø
150 mm – 6"	tk 6230-15



COAKLEY

	2.25 mm Ø
160 mm – 6¼"	tk 6235-16

Saugrohre
Suction tubes

Canules d'aspiration
Tubos de aspiración
Tubi per aspirazione



COOLEY

1:3

	8 mm Ø
350 mm – 13 ³ / ₄ "	tk 6291-35



1:3

	10 mm Ø
310 mm – 12 ¹ / ₄ "	tk 6292-31



1:3

	6 mm Ø
300 mm – 12"	tk 6293-30



1:3

	8 mm Ø
330 mm – 13"	tk 6294-33

Saugrohre
Suction tubes

Canules d'aspiration
Tubos de aspiración
Tubi per aspirazione



POOLE

1:2

		220 mm – 8"
8 mm Ø	23 Charr./Fr.	tk 6308-22



POOLE

1:2

		220 mm – 8"
10 mm Ø	30 Charr./Fr.	tk 6310-22



ANDREWS-PYNCHON

1:3

235 mm – 9¼"	tk 6320-23
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DE BAKEY

1:3

275 mm – 10¾"	tk 6325-27
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tk 6350-02

YANKAUER

1:3

270 mm – 10¾"	tk 6350-27
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Ohrkatheter
Eustachian catheters

Sondes auriculaires
Sondas auriculares
Sonde auricolari



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



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

ovale Öffnung
oval opening
ouverture ovale
apertura oval
apertura ovale



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

Ohrkatheter
Eustachian catheters

Sondes auriculaires
Sondas auriculares
Sonde auricolari



tk 6385-00

Schlaucholive für Ohrkatheter
Tube end piece for eustachian catheter
Olive pour sonde auriculaire
Olive para sondas auriculares
Olive per sonde auricolari

TRÖLTSCH



	Fig. 1	Fig. 2	Fig. 3	Fig. 4	Fig. 5
150 mm – 6"	tk 6382-01	tk 6382-02	tk 6382-03	tk 6382-04	tk 6382-05

Ohrspritze
Ear syringe

Seringue auriculaire
Jeringa auricular
Siringhe auricolari

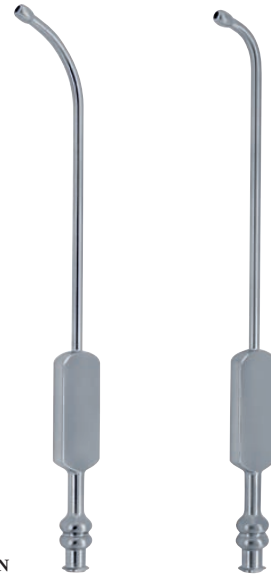


50 ccm 2 oz	tk 6375-00
100 ccm 4 oz	tk 6375-10

komplett mit 2 Aufsätzen
complete with 2 nozzles
complet avec 2 canules
completa con 2 canulas
completa con 2 terminali

Saug- und Spülkanülen
Suction and irrigation cannulas

Canules pour aspiration et lavage
Canulas para aspiracion y lavado
Cannule per aspirazione e lavaggio



EICKEN

2.5 mm Ø	tk 6383-01	tk 6383-02
3.0 mm Ø	tk 6383-04	tk 6383-05

leicht gebogen stark gebogen
slightly curved *strongly curved*

légèrement courbé très courbé

ligeramente curvada *muy curvada*

leggermente curva *fortemente curva*



LUER-
LOCK

3.0 mm Ø

tk 6381-00

LUER-
LOCK

2.5 mm Ø

tk 6381-01

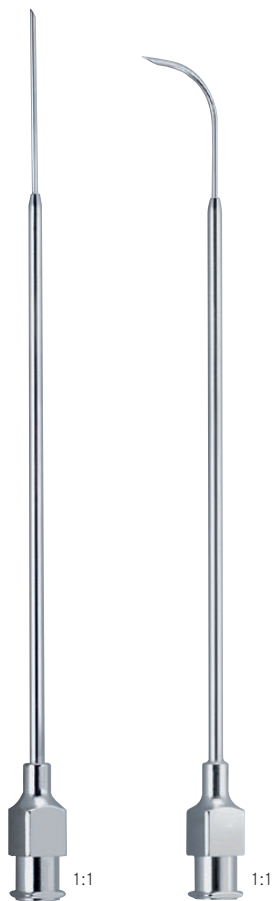
FISCH

4.0 mm Ø

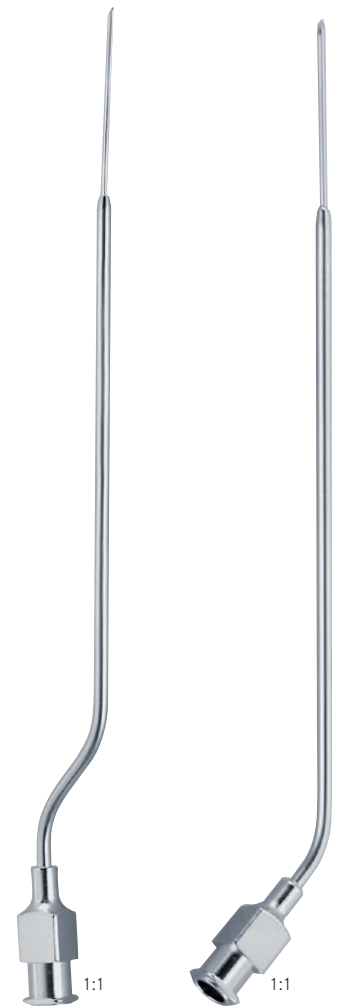
tk 6381-02

Saug- und Spülkanülen
Suction and irrigation cannulas

Canules pour aspiration et lavage
Canulas para aspiracion y lavado
Cannule per aspirazione e lavaggio



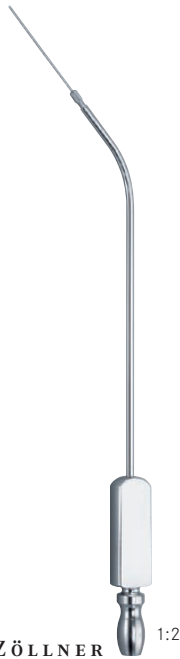
0.8 mm Ø	tk 6388-01	tk 6388-03
Tonsillenkanüle Tonsil needle	gerade straight	gebogen curved
Aiguille pour amygdales Aguja para amigdales	droite recta	courbe curva
Cannule per tonsille	retta	curva



0.8 mm Ø	tk 6388-04	tk 6388-02
Septumkanüle Septum needle	bajonettförmig bayonet	abgewinkelt angled on flat
Aiguille pour le cloison nasal Aguja para el tabique nasal	baïonette bayoneta	coudé sur le plat angulado
Ago per setto nasale	baionetta	angolato

Saugrohre
Suction tubes

Tubes d'aspiration
 Tubos para aspiración
 Cannule d'aspirazione



ZÖLLNER 1:2

0.7 mm Ø

tk 25221-00

komplett mit 1 aufsetzbaren Kanüle, 0.7 mm Ø
complete with 1 slip-on cannula, 0.7 mm Ø

complet avec 1 canule démontable, 0.7 mm de Ø
completo con 1 cánula desmontable de 0.7 mm Ø
completa di 1 cannula applicabile di mm 0.7 di Ø



IOWA 1:2

0.7 mm Ø

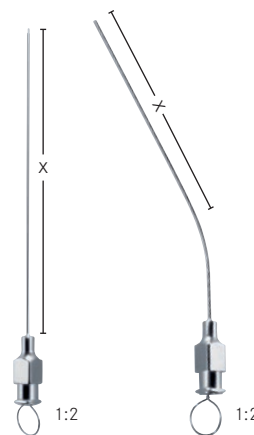
160 mm – 6¼"

tk 25223-16



MAGILL

	245 mm – 9¾"
3.0 mm Ø	tk 25225-01
3.5 mm Ø	tk 25225-02
4.0 mm Ø	tk 25225-03



ROSEN

	x = 80 mm	x = 65 mm
0.7 mm Ø	tk 25243-01	tk 25244-01
0.9 mm Ø	tk 25243-02	tk 25244-02
1.2 mm Ø	tk 25243-03	tk 25244-03

Saugrohre
Suction tubes

Tubes d'aspiration
 Tubos para aspiración
 Cannule d'aspirazione



BARON

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



HOUSE

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



FERGUSSON

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

1:2

Saugrohre
Suction tubes

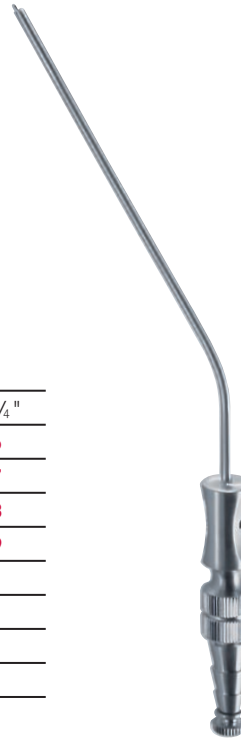
Tubes d'aspiration
 Tubos para aspiración
 Cannule d'aspirazione



PLESTER

		170 mm – 6¾"
2 mm Ø	6 Charr./Fr.	tk 25229-06
2½ mm Ø	7 Charr./Fr.	tk 25229-07
2⅔ mm Ø	8 Charr./Fr.	tk 25229-08
3 mm Ø	9 Charr./Fr.	tk 25229-09
3⅓ mm Ø	10 Charr./Fr.	tk 25229-10
3⅔ mm Ø	11 Charr./Fr.	tk 25229-11
4 mm Ø	12 Charr./Fr.	tk 25229-12
5 mm Ø	15 Charr./Fr.	tk 25229-15

1:2



FRAZIER

		170 mm – 6¾"
2 mm Ø	6 Charr./Fr.	tk 25230-06
2½ mm Ø	7 Charr./Fr.	tk 25230-07
2⅔ mm Ø	8 Charr./Fr.	tk 25230-08
3 mm Ø	9 Charr./Fr.	tk 25230-09
3⅓ mm Ø	10 Charr./Fr.	tk 25230-10
4 mm Ø	12 Charr./Fr.	tk 25230-12
5 mm Ø	15 Charr./Fr.	tk 25230-15

1:2



ADSON

		210 mm – 8¼"
4 mm Ø	12 Charr./Fr.	tk 25235-04
5 mm Ø	15 Charr./Fr.	tk 25235-05

1:2



200 mm – 8" **tk 51645-20**

Saug-Raspatorium – biegsam, scharf
Suction raspatory – malleable, sharp

Rugine aspirante – flexible, tranchant
Legra aspiradora – maleable y agudo
Elevatore-aspiratore – flessibile, tagliente

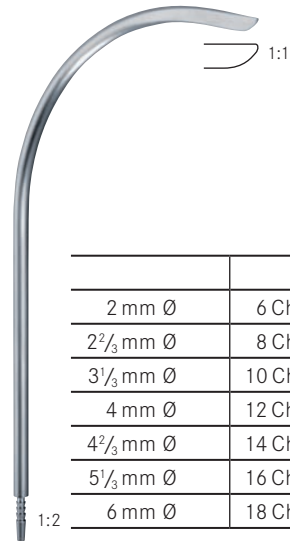
1:2

Redon Führungsnadeln
Guide needles

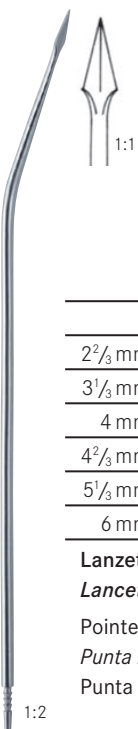
Aiguilles d'introduction
Agujas de guía
Aghi guida



		195 mm – 5¾"
2⅔ mm Ø	8 Charr./Fr.	tk 6500-08
3⅓ mm Ø	10 Charr./Fr.	tk 6500-10
4 mm Ø	12 Charr./Fr.	tk 6500-12
4⅔ mm Ø	14 Charr./Fr.	tk 6500-14
5⅓ mm Ø	16 Charr./Fr.	tk 6500-16
6 mm Ø	18 Charr./Fr.	tk 6500-18



		195 mm – 5¾"
2 mm Ø	6 Charr./Fr.	tk 6501-06
2⅔ mm Ø	8 Charr./Fr.	tk 6501-08
3⅓ mm Ø	10 Charr./Fr.	tk 6501-10
4 mm Ø	12 Charr./Fr.	tk 6501-12
4⅔ mm Ø	14 Charr./Fr.	tk 6501-14
5⅓ mm Ø	16 Charr./Fr.	tk 6501-16
6 mm Ø	18 Charr./Fr.	tk 6501-18



		195 mm – 5¾"
2⅔ mm Ø	8 Charr./Fr.	tk 6502-08
3⅓ mm Ø	10 Charr./Fr.	tk 6502-10
4 mm Ø	12 Charr./Fr.	tk 6502-12
4⅔ mm Ø	14 Charr./Fr.	tk 6502-14
5⅓ mm Ø	16 Charr./Fr.	tk 6502-16
6 mm Ø	18 Charr./Fr.	tk 6502-18

Lanzettenspitze
Lancet tip

Pointe lancéolaire
Punta lanceolata
Punta lanceolata

Injektionskanülen
Hypodermic needles

 Aiguilles hypodermiques
 Aguja hipodermicas
 Aghi hypodermici

PRAVAZ (LUER-LOCK)

Fig. 1	0.90 x 38 mm Ø	tk 6510-01
Fig. 2	0.80 x 32 mm Ø	tk 6510-02
Fig. 12	0.70 x 32 mm Ø	tk 6510-12
Fig. 14	0.65 x 28 mm Ø	tk 6510-14
Fig. 16	0.60 x 25 mm Ø	tk 6510-16
Fig. 18	0.50 x 23 mm Ø	tk 6510-18
Fig. 20	0.45 x 20 mm Ø	tk 6510-20


Packung à 12 Stück
Package of 12 pieces

 Paquet de 12 pièces
Paquete de 12 piezas
 Confezione da 12 pezzi

Biopsiekanülen
Biopsy needles

Canules pour biopsie
Agujas para biopsia
Aghi per biopsie



QUINKE

1.20 x 76.0 mm Ø	tk 6530-10
1.20 x 89.0 mm Ø	tk 6530-12
1.00 x 76.0 mm Ø	tk 6530-14
1.00 x 89.0 mm Ø	tk 6530-16
0.70 x 76.0 mm Ø	tk 6530-18
0.70 x 50.0 mm Ø	tk 6530-19
0.70 x 89.0 mm Ø	tk 6530-20



TUOHY

1.20 x 76.0 mm Ø	tk 6531-12
1.40 x 76.0 mm Ø	tk 6531-14
1.60 x 76.0 mm Ø	tk 6531-16



BIER

1.20 x 80.0 mm Ø	tk 6533-01
1.20 x 90.0 mm Ø	tk 6533-02



KLIMA-ROSEGGER

1:2

1.80 x 35.0 mm Ø	tk 6548-18
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VERRES

2.00 x 100 mm Ø	tk 6550-10
2.00 x 120 mm Ø	tk 6550-12
2.00 x 150 mm Ø	tk 6550-15

Biopsiekanülen
Biopsy needles

Canules pour biopsie
Agujas para biopsia
Aghi per biopsie



MENGHINI

1.00 x 35.0 mm Ø	tk 6570-10
1.00 x 70.0 mm Ø	tk 6570-15
1.20 x 70.0 mm Ø	tk 6570-20
1.20 x 100.0 mm Ø	tk 6570-25
1.40 x 70.0 mm Ø	tk 6570-30
1.40 x 100.0 mm Ø	tk 6570-35
1.60 x 70.0 mm Ø	tk 6570-40
1.80 x 100.0 mm Ø	tk 6570-50



MENGHINI

1.40 x 168.0 mm Ø	tk 6571-14
1.80 x 168.0 mm Ø	tk 6571-18

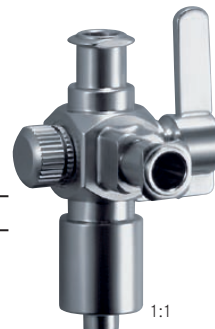
Verbindungsstücke und Hähne
Connecting pieces and stopcocks

Raccords et robinets
Piezas de conexion y llaves
Raccordi e rubinetti

tk 6623-00



tk 6624-00



Biopsiekanülen
Biopsy needles

Canules pour biopsie
Agujas para biopsia
Aghi per biopsie



FRANKLIN-SILVERMAN
MOD. FUCHS

⊕	⊖	
2.00 x 105.0 mm Ø	1.50 x 155.0 mm Ø	tk 6575-20
2.00 x 130.0 mm Ø	1.50 x 180.0 mm Ø	tk 6575-40

Zur perkutanen Nierenbiopsie, einschl. Suchnadel
For kidney biopsy, incl. guide needle

Pour la biopsie des reins, aiguille d'introduction incl.
Para la biopsia de los riñones, con aguja de guía
Per la biopsia renale, con ago guida

⊕ = Außendurchmesser
Outer diameter
Diamètre externe
Diametro externo
Diametro esterno

⊖ = Innendurchmesser
Inner diameter
Diamètre intèrne
Diametro interno
Diametro interno

Biopsiekanülen
Biopsy needles

 Canules pour biopsie
 Agujas para biopsia
 Aghi per biopsie

FRANKLIN-SILVERMAN

			
2.00 x 105.0 mm Ø	1.50 x 155.0 mm Ø	tk 6580-20	tk 6582-20
2.50 x 145.0 mm Ø	1.50 x 180.0 mm Ø	tk 6580-30	tk 6582-25

 Zur Leber- und Nierenbiopsie
For liver and kidney biopsy

 ohne Widerhaken
without barb

 mit Widerhaken
barbed

Pour la biopsie des reins et de la foie

sans crochet

avec crochet

Para la biopsia de los riñones y del hígado



sin garfio

con garfio

Per la biopsia renale ed epatica

senza gancio

con gancio

			
2.00 x 100.0 mm Ø	1.50 x 150.0 mm Ø	tk 6581-20	tk 6583-20
2.50 x 145.0 mm Ø	1.50 x 195.0 mm Ø	tk 6581-30	tk 6583-25

Kanüle, allein
Biopsy needle, only

Aiguille pour biopsie, seul

Aguja para biopsia, sola

Aghi per biopsia, solo

Glas/Metall Spritzen
Glas/metal syringes

Seringues en verre/métal
Jeringas de vidrio/metal
Siringhe vetro/metallo



LUER

1 ml	tk 6700-01	tk 6701-01
2 ml	tk 6700-02	tk 6701-02
5 ml	tk 6700-05	tk 6701-05
10 ml	tk 6700-10	tk 6701-10
20 ml	tk 6700-20	tk 6701-20
50 ml	tk 6700-50	tk 6701-50

Spritze, komplett Zylinder
Syringe, complete Barrel
Seringue, complète Cylindre
Jeringa, completa Cilindro
Siringa, completa Cilindro

1:2



LUER-LOCK

1 ml	tk 6710-01	tk 6711-01
2 ml	tk 6710-02	tk 6711-02
5 ml	tk 6710-05	tk 6711-05
10 ml	tk 6710-10	tk 6711-10
20 ml	tk 6710-20	tk 6711-20
50 ml	tk 6710-50	tk 6711-50

Spritze, komplett Zylinder
Syringe, complete Barrel
Seringue, complète Cylindre
Jeringa, completa Cilindro
Siringa, completa Cilindro

1:2



LUER-LOCK

2 ml	tk 6780-02	tk 6781-02
5 ml	tk 6780-05	tk 6781-05
10 ml	tk 6780-10	tk 6781-10

Spritze, komplett Zylinder
Syringe, complete Barrel
Seringue, complète Cylindre
Jeringa, completa Cilindro
Siringa, completa Cilindro

1:2

tk 6782-02

Luer Lock Anschluß
Luer Lock attachment
Raccord Luer Lock
Conector Luer Lock
Raccordo Luer Lock



Ersatzteile und Zubehör auf Anfrage
Spare parts and accessories upon request
Pièces de rechange et accessoires sur demande
Piezas de cambio y accesorios según demanda
Pezzi di ricambio ed accessori a richiesta

Wund- und Blasenspritzen
Wound- and bladdersyringes

Seringues pour plaies et vessie
Jeringas para enjuagar vejiga y heridas
Siringhe per ferite e vescica



JANET

50 ml	tk 6750-01	tk 6751-01
75 ml	tk 6750-02	tk 6751-02
100 ml	tk 6750-03	tk 6751-03
150 ml	tk 6750-04	tk 6751-04
200 ml	tk 6750-05	tk 6751-05

Spritze, komplett Zylinder, allein
Syringe, complete Barrel, only

Seringue, complète Cylindre, seul
Jeringa, completa Cilindro, sola
Siringa, completa Cilindro, solo

Sonden
Probes and directors

Sondes et stylets
Sondas y estiletas
Specilli e sonde



	2.0 mm Ø	1.5 mm Ø	1.0 mm Ø
115 mm – 4½"	tk 18100-11	tk 18101-11	tk 18102-11
130 mm – 5"	tk 18100-13	tk 18101-13	tk 18102-13
145 mm – 5¾"	tk 18100-14	tk 18101-14	tk 18102-14
160 mm – 6¼"	tk 18100-16	tk 18101-16	tk 18102-16
180 mm – 7"	tk 18100-18	tk 18101-18	tk 18102-18
200 mm – 8"	tk 18100-20	tk 18101-20	tk 18102-20
250 mm – 9¾"	tk 18100-25	tk 18101-25	tk 18102-25



2 mm Ø	
115 mm – 4½"	tk 18105-11
130 mm – 5"	tk 18105-13
145 mm – 5¾"	tk 18105-14
160 mm – 6¼"	tk 18105-16
180 mm – 7"	tk 18105-18
200 mm – 8"	tk 18105-20
250 mm – 9¾"	tk 18105-25



2 mm Ø	
115 mm – 4½"	tk 18108-11
130 mm – 5"	tk 18108-13
145 mm – 5¾"	tk 18108-14
160 mm – 6¼"	tk 18108-16

Myrtenblattsonde
myrtle-shaped
en forme de myrte
en forme de mirto
forma di mirto

mit Ohr
with eyelet
avec oeil
con ojo
con cruna



115 mm – 4½"	tk 18110-11
130 mm – 5"	tk 18110-13
145 mm – 5¾"	tk 18110-14
160 mm – 6¼"	tk 18110-16
180 mm – 7"	tk 18110-18
200 mm – 8"	tk 18110-20



115 mm – 4½"	tk 18112-11
130 mm – 5"	tk 18112-13
145 mm – 5¾"	tk 18112-14
160 mm – 6¼"	tk 18112-16
180 mm – 7"	tk 18112-18
200 mm – 8"	tk 18112-20



DOYEN
140 mm – 5½"
tk 18115-14

1:2

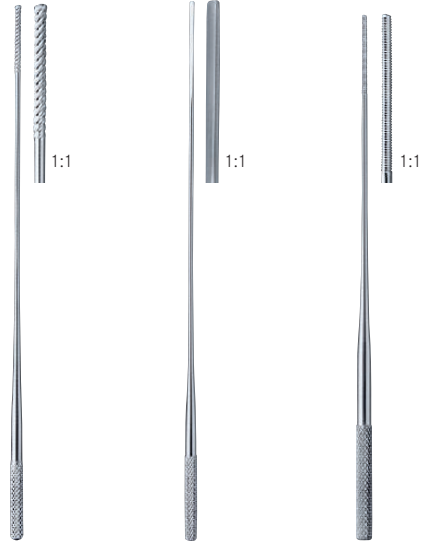


NÉLATON
160 mm – 6½"
tk 18117-16

1:2

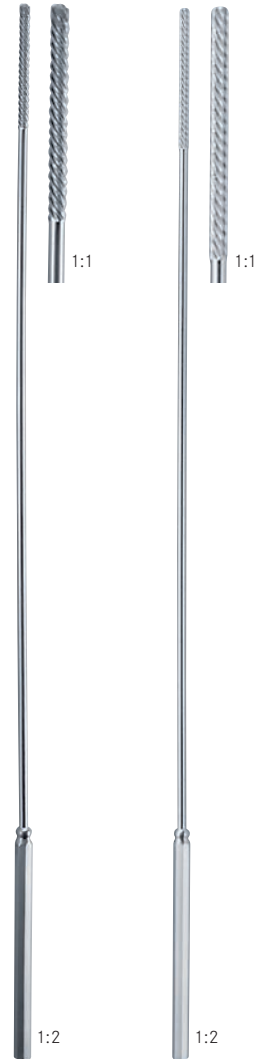
Watteträger
Cotton applicators

Porte-cotons
Porta-algodones
Portacotoni



FARRELL-LATHBURY

120 mm – 4¾" "	0.9 mm Ø	tk 19009-12	tk 19109-12	tk 19209-12
140 mm – 5½" "	0.9 mm Ø	tk 19009-14	tk 19109-14	tk 19209-14
165 mm – 6¼" "	1.1 mm Ø	tk 19009-16	tk 19109-16	tk 19209-16
180 mm – 7" "	1.2 mm Ø	tk 19009-18	tk 19109-18	tk 19209-18
230 mm – 9" "	1.3 mm Ø	tk 19009-23	tk 19109-23	tk 19209-23



MOD. MARTIN

	1.2 mm Ø	1.5 mm Ø	1.5 mm Ø
120 mm – 4¾" "	tk 19312-12	tk 19315-12	tk 19415-12
140 mm – 5½" "	tk 19312-14	tk 19315-14	tk 19415-14
160 mm – 6¼" "	tk 19312-16	tk 19315-16	tk 19415-16
180 mm – 7" "	tk 19312-18	tk 19315-18	tk 19415-18

	2.5 mm Ø	2.5 mm Ø
280 mm – 11" "	tk 19460-28	tk 19470-28

Watteträger
Cotton applicators

Porte-cotons
Porta-algodones
Portacotoni





Skalpelle, Messer
Scalpels, Knives

Bistouris, Couteaux
Bisturías, Cuchillos
Bisturi, Coltelli

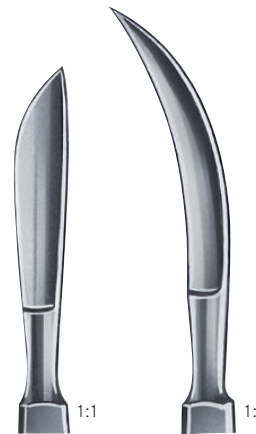


Operations-Skalpelle
Operating knives

Bistouris pour opérations
Bisturías para operaciones
Bisturi per operazioni



1:1



1:1

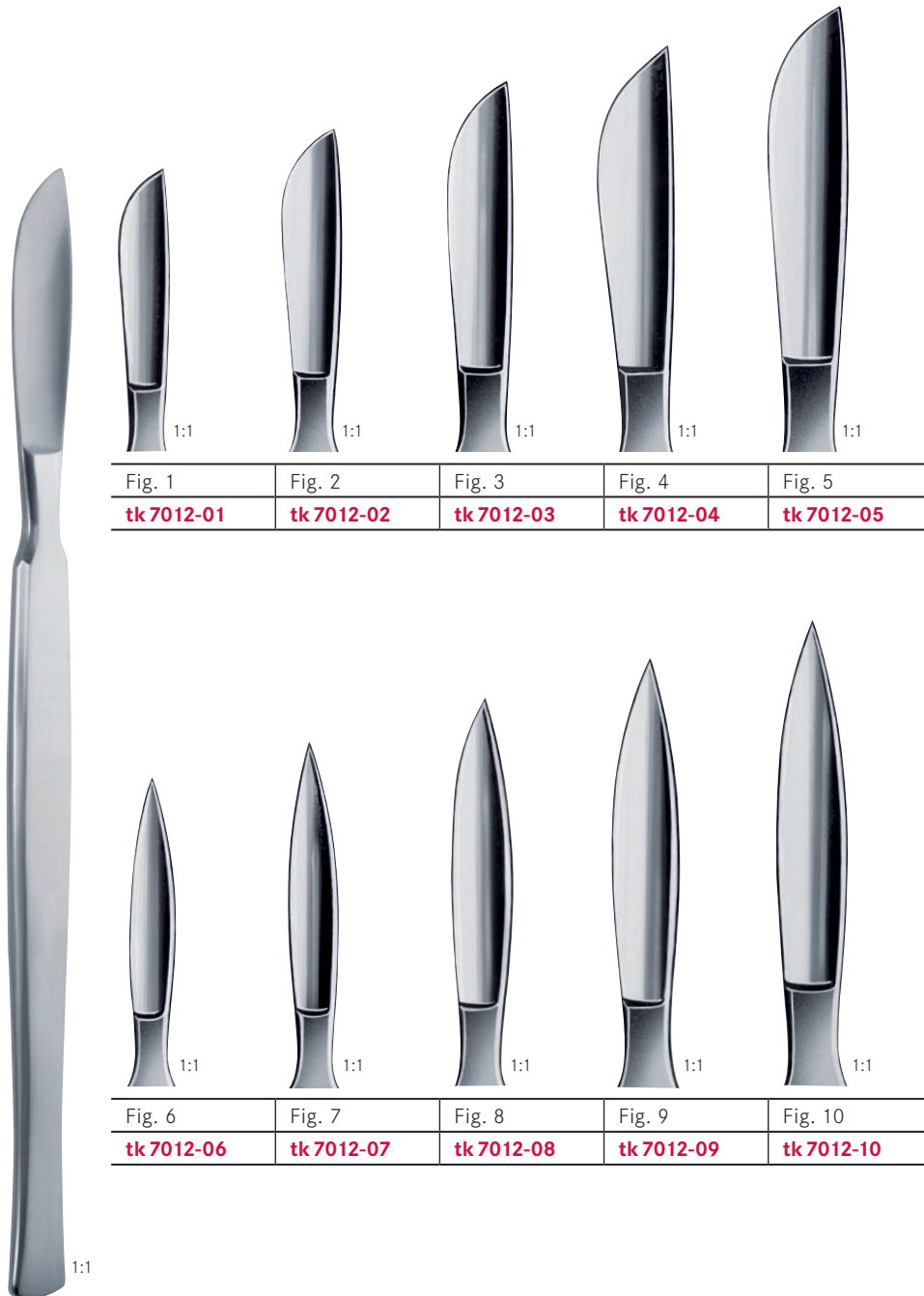
1:1

DIEFFENBACH

	Fig. 1	Fig. 2
160 mm – 6¼"	tk 7005-01	tk 7005-02

Operations-Skalpelle
Operating knives

Bistouris pour opérations
Bisturías para operaciones
Bisturi per operazioni



Skalpellgriffe
Scalpel handles

Manches pour bistouri
Mangos de bisturí
Manici per bisturi



Für Klagen Fig. 18 – 25
For blades Fig. 18 – 25
Pour lames Fig. 18 – 25
Para hojas Fig. 18 – 25
Per lame Fig. 18 – 25

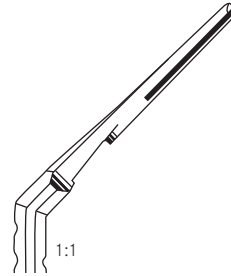


Fig. 4 L

tk 7102-04

abgewinkelt
angled on flat
coudé sur le plat
angulado
angolato



STANDARD

1:1



1:1

Fig. 4

tk 7100-04

Fig. 4 L

tk 7101-04



1:1

COLLIN

Fig. 8

tk 7105-08

hohl
hollow
creux
hueco
cavo

Skalpellgriffe
Scalpel handles

Manches pour bistouri
Mangos de bisturí
Manici per bisturi

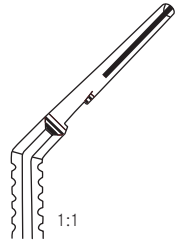


Fig. 3 L

tk 7112-03

abgewinkelt
angled on flat
coudé sur le plat
angulado
angolato



Für Klingen Fig. 10 – 15
For blades Fig. 10 – 15
Pour lames Fig. 10 – 15
Para hojas Fig. 10 – 15
Per lame Fig. 10 – 15



Fig. 3
tk 7110-03



Fig. 3 L
tk 7111-03



Fig. 7K
tk 7110-71



Fig. 7
tk 7110-07



Fig. 3 grad.
tk 7113-05

graduirt
graduated
gradué
graduado
graduato



Fig. 3 R
tk 7115-03



Fig. 3 RG
tk 7116-03

Skalpellklingen | Lames de bistouris
 Scalpel blades | Hojas de bisturí
 | | Lame per bisturi



Packung mit 100 Stück
 Package of 100 pieces
 Paquet de 100 pièces
 Paquetes de 100 piezas
 Confezione da 100 pezzi

! Die abgebildeten Klingen sind steril
 The blades on this page are sterile
 Les lames de cette page sont stériles
 Las hojas de esta página son estériles
 Le lame illustrate sono sterili

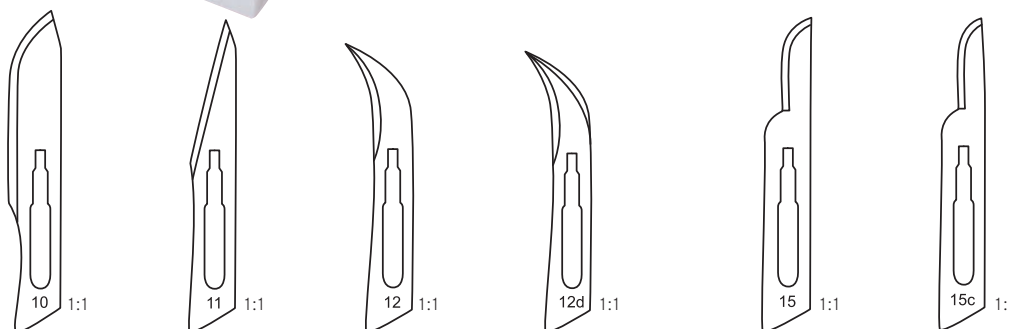


Fig. 10	Fig. 11	Fig. 12	Fig. 12d	Fig. 15	Fig. 15c
tk 7210-10T	tk 7210-11T	tk 7210-12T	tk 7210-12dT	tk 7210-15T	tk 7210-15CT

doppelschneidend
 double cutting edge
 double tranchante
 corta doble
 a doppio taglio

passend für Griffe: tk 7110-03, tk 7111-03, tk 7110-07, tk 7110-71, tk 7112-03, tk 7113-03, tk 7115-03, tk 7116-03
 for handles: tk 7110-03, tk 7111-03, tk 7110-07, tk 7110-71, tk 7112-03, tk 7113-03, tk 7115-03, tk 7116-03
 pour manches: tk 7110-03, tk 7111-03, tk 7110-07, tk 7110-71, tk 7112-03, tk 7113-03, tk 7115-03, tk 7116-03
 para mangos: tk 7110-03, tk 7111-03, tk 7110-07, tk 7110-71, tk 7112-03, tk 7113-03, tk 7115-03, tk 7116-03
 per manici: tk 7110-03, tk 7111-03, tk 7110-07, tk 7110-71, tk 7112-03, tk 7113-03, tk 7115-03, tk 7116-03

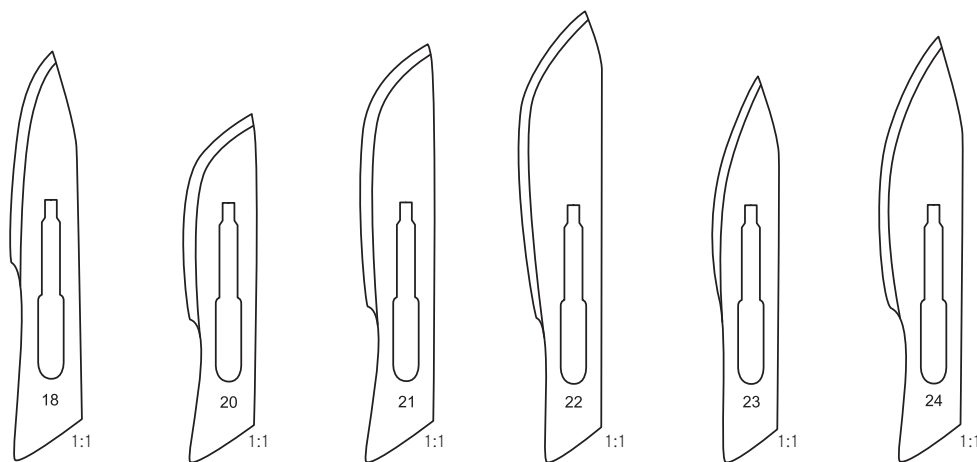


Fig. 18	Fig. 20	Fig. 21	Fig. 22	Fig. 23	Fig. 24
tk 7210-18T	tk 7210-20T	tk 7210-21T	tk 7210-22T	tk 7210-23T	tk 7210-24T

passend für Griffe: tk 7100-04, tk 7101-04, tk 7102-04, tk 7105-08
 for handles: tk 7100-04, tk 7101-04, tk 7102-04, tk 7105-08
 pour manches: tk 7100-04, tk 7101-04, tk 7102-04, tk 7105-08
 para mangos: tk 7100-04, tk 7101-04, tk 7102-04, tk 7105-08
 per manici: tk 7100-04, tk 7101-04, tk 7102-04, tk 7105-08

Mikro-Klingenhalter – Mikro-Klingen
Micro-blade holder – Micro-blades

Porte micro-lames – Micro-lames
Porta para micro-hojas – Micro-hojas
 Porta micro-lame – Micro-lame



1:1



1:1



1:1



1:1

Fig. 3	Fig. 4	Fig. 7	Fig. 9
tk 7121-03	tk 7121-04	tk 7121-07	tk 7121-09

Mikro-Klingen – Packung mit 25 Stück

Micro-blades – package of 25 pieces

Micro-lames – paquet de 25 pièces

Micro-hojas – paquete de 25 piezas

Micro-lame – confezione da 25 pezzi

1:1

135 mm – 5¼"

tk 7120-13

Titan

Titanium

Titan

Titaneo

Titania



Die abgebildeten Klingen sind steril.

The blades on this page are sterile.

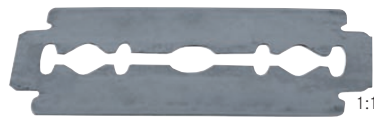
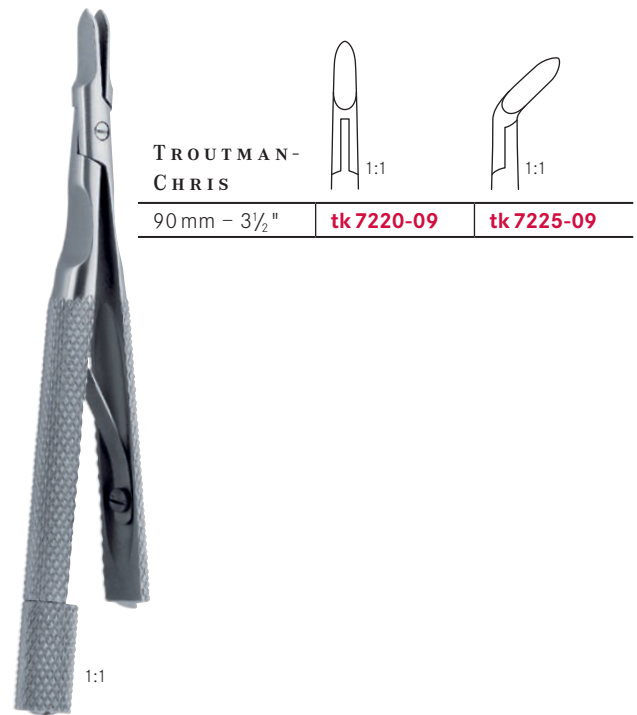
Les lames de cette page sont stériles.

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Le lame illustrate sono sterili.

Rasierklingenhalter und -brecher
Razor blade holders and breakers

Porte lames et brise lames de rasoir
Pinzas para sujetar y romper hojas de afeitador
Rompi-lame di rasoio



tk 7230-10

Packung mit 10 Stück
Package of 10 pieces

Paquet de 10 pièces
Paquete de 10 piezas
Confezione da 10 pezzi

Rasierklingen, brechbar, rostfrei
Razor blades, breakable, stainless

Lames de rasoir, réfrangibles, inoxydable
Hojas de afeitador, rompible, inoxidable
Lame di rasoio, rompibili, inossidabile

! Die abgebildeten Klingen werden nicht steril ausgeliefert.
The blades on this page are not sterile.
Les lames de cette page ne sont pas stériles.
Las hojas de esta página no son estériles.
Le lame illustrate non sono sterili.

Seziermesser
Autopsy knives

Couteaux à dissection
Cuchillos para autopsia
Coltelli per autopsia



VIRCHOW

1:2

1:2

	x = 120 mm – 4"	x = 80 mm – 3 1/2"
255 mm – 10"	tk 7033-10	tk 7043-08

Seziermesser mit Holzheft

Autopsy knives with wooden handle

Couteaux à autopsie avec manche en bois

Cuchillos para autopsia con mango de madera

Coltelli per autopsia con manico di legno



WALB

1:2

260 mm – 10 1/4"	x = 110 mm – 4 1/4"	tk 7046-11
290 mm – 11 1/2"	x = 140 mm – 5 1/2"	tk 7046-14
310 mm – 12 1/4"	x = 170 mm – 6 3/4"	tk 7046-17

Organmesser mit Holzheft

Post mortem knives with wooden handle

Couteaux à organes avec manche en bois

Cuchillos para organos, con mango de madera

Coltelli per organi, con manico di legno



VIRCHOW

1:2

260 mm – 10 1/4"	x = 160 mm – 6 1/4"	tk 7048-16
335 mm – 13 1/4"	x = 200 mm – 8"	tk 7048-20
380 mm – 15"	x = 240 mm – 9 1/2"	tk 7048-24

Hirnmesser mit Metallheft

Brain knives with metal handle

Couteaux pour le cerveau, avec manche en métal

Cuchillos para el cerebro, con mango metálico

Coltelli per cervello, con manico di metallo

Amputationsmesser – Resektionsmesser
Amputation knives – Resection knives

Couteaux à amputation – Couteaux à résection
Cuchillos para amputación – Cuchillos para resección
 Coltelli per amputazione – Coltelli per resezione



COLLIN

1:2

x = 130 mm	tk 7500-13
x = 160 mm	tk 7500-16
x = 190 mm	tk 7500-19
x = 220 mm	tk 7500-22

doppelschneidend
double cutting edge
 double tranchant
corta doble
 a doppio taglio



CATLIN

1:2

	x = 160 mm
290 mm – 11½"	tk 7505-16

doppelschneidend
double cutting edge
 double tranchant
corta doble
 a doppio taglio



LANGENBECK

1:2

x = 55 mm
tk 7528-05



1:2

x = 55 mm
tk 7529-05



1:2

x = 120 mm
tk 7550-12

Haarschneidemaschine
Hair clipper

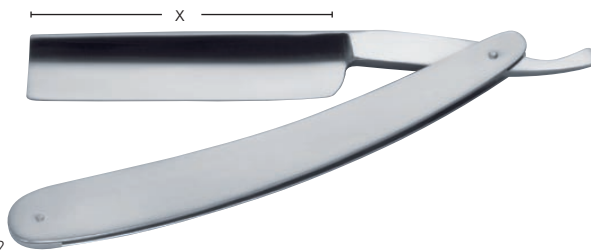
Tondeuse électrique
Máquina de cortar el pelo
Rasoi elettrici



1:2

230V / 50 – 60Hz

tk 7810-00	tk 7810-01	tk 7810-02	tk 7810-03
komplett <i>complete</i>	Schneideaufsatz, Normalzahn <i>Normal cutter</i>	Ladeständer <i>Charger</i>	Steckertrafo EURO mit 3 m Kabel <i>Transformer EURO with 3 m cable</i>
complet <i>completa</i>	Couteau standard <i>Cuchillo normal</i>	Chargeur <i>Cargador</i>	Transformateur EURO avec 3 m cable <i>Transformador EURO con 3 m cable</i>
completa	Testa di taglio dentatura standard	Caricatore	Trasformatore EURO con cavo di 3 m



1:2

x = 80 mm	tk 7805-00
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Rasiermesser

Razor knife

Rasoir

Navaja de afeitar

Rasoio a mano libera

Dermatome – Transplantationsmesser
 Dermatomes – Transplantation knives

Dermatomes – Bistouries pour transplantation
 Dermatmos – Cuchillos para transplantaciones
 Dermatomi – Coltello per trapianto



THIERSCH

1:2

200mm – 8"

tk7890-20



SCHINK

1:2

300mm – 12"

tk 7900-00



1:2

tk 7901-00

Klinge
 Spare blade

Lame de rechange
 Hoja de cambio
 Lama di ricambio



1:2

tk 7902-00

Spannplatte
 Skin fixing plate

Plaque pour tendre la peau
 Placa para extender la piel
 Placca per stendere la pelle

Komplett mit 1 Klinge und 2 Spannhaltern
 Complete with 1 blade and 2 plates

Complet avec 1 lame et 2 plaques
 Completo con 1 hoja y 2 placas
 Completo con 1 lama e 2 placche



Die abgebildeten Klagen werden nicht steril ausgeliefert.
 The blades on this page are not sterile.

Les lames de cette page ne sont pas stériles.
 Las hojas de esta página no son estériles.
 Le lame illustrate non sono sterili.



Elektrische Dermatome auf Anfrage lieferbar.
 Electrical dermatomes upon request.

Dermatomes électriques sur demande.
 Dermatmos electricos según demanda.
 Dermatomi elettrici possono essere forniti a richiesta.

Dermatome
Dermatomes

Dermatomes
Dermatomos
Dermatomi



tk 7908-00

Ersatzklinge für tk 7905-00, tk 7907-00 – Packung mit 10 Stück
spare blade for tk 7905-00, tk 7907-00 – package of 10 pieces
 lame de rechange pour tk 7905-00, tk 7907-00 – paquet de 10 pièces
hoja de cambio para tk 7905-00, tk 7907-00 – paquete de 10 piezas
 lama di ricambio per tk 7905-00, tk 7907-00 – confezione da 10 pezzi

HUMBY

310 mm – 12 $\frac{1}{4}$ "

tk 7905-00

komplett mit 1 Klinge
complete with 1 blade
 complet avec 1 lame
completo con 1 hoja
 completo con 1 lama



WATSON

300 mm – 12"

tk 7907-00

komplett mit 1 Klinge, Stange starr
complete with 1 blade, fixed bar
 complet avec 1 lame, tige fix
completo con 1 hoja, barra fijada
 completo con 1 lama, barra fissa



SILVER

190 mm – 7 $\frac{1}{2}$ "

tk 7904-00



Die abgebildeten Klingen werden nicht steril ausgeliefert.
The blades on this page are not sterile.

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 Le lame illustrate non sono sterili.



Elektrische Dermatome auf Anfrage lieferbar.
Electrical dermatomes upon request.

Dermatomes électriques sur demande.
Dermatomos electricos según demanda.
 Dermatomi elettrici possono essere forniti a richiesta.



Scheren | Ciseaux
Scissors | Tijeras
Forbici



Chirurgische Scheren
Operating scissors

Ciseaux à chirurgie
Tijeras para cirugía
Forbici per chirurgia



STANDARD			
	Fig. 1	Fig. 2	Fig. 3
105 mm – 4 1/4"	tk 8023-10	tk 8024-10	tk 8025-10
115 mm – 4 1/2"	tk 8023-11	tk 8024-11	tk 8025-11
130 mm – 5"	tk 8023-13	tk 8024-13	tk 8025-13
145 mm – 5 3/4"	tk 8023-14	tk 8024-14	tk 8025-14
155 mm – 6"	tk 8023-15	tk 8024-15	tk 8025-15
165 mm – 6 1/2"	tk 8023-16	tk 8024-16	tk 8025-16
175 mm – 7"	tk 8023-17	tk 8024-17	tk 8025-17
185 mm – 7 1/4"	tk 8023-18	tk 8024-18	tk 8025-18
200 mm – 8"	tk 8023-20	tk 8024-20	tk 8025-20



STANDARD			
	Fig. 1	Fig. 2	Fig. 3
115 mm – 4 1/2"	tk 8033-11	tk 8034-11	tk 8035-11
130 mm – 5"	tk 8033-13	tk 8034-13	tk 8035-13
145 mm – 5 3/4"	tk 8033-14	tk 8034-14	tk 8035-14
155 mm – 6"	tk 8033-15	tk 8034-15	tk 8035-15
165 mm – 6 1/2"	tk 8033-16	tk 8034-16	tk 8035-16
175 mm – 7"	tk 8033-17	tk 8034-17	tk 8035-17
185 mm – 7 1/4"	tk 8033-18	tk 8034-18	tk 8035-18
200 mm – 8"	tk 8033-20	tk 8034-20	tk 8035-20

Chirurgische Scheren
Operating scissors

Ciseaux à chirurgie
Tijeras para cirugía
Forbici per chirurgia



GRAZIL

	Fig. 1	Fig. 2	Fig. 3
130 mm – 5"	tk 8043-13	tk 8044-13	tk 8045-13
145 mm – 5¾"	tk 8043-14	tk 8044-14	tk 8045-14



GRAZIL





	Fig. 1	Fig. 2	Fig. 3
130 mm – 5"	tk 8053-13	tk 8054-13	tk 8055-13
145 mm – 5¾"	tk 8053-14	tk 8054-14	tk 8055-14



Chirurgische Scheren
Operating scissors

Ciseaux à chirurgie
Tijeras para cirugía
Forbici per chirurgia



DEAVER	 1:2	 1:2	 1:2	 1:2
145 mm – 5 ³ / ₄ "	tk 8062-14	tk 8063-14	tk 8072-14	tk 8073-14
gerade <i>straight</i>	gebogen <i>curved</i>	gebogen, gezahnt <i>straight, saw edge</i>	gebogen, gezahnt <i>curved, saw edge</i>	
droits <i>recta</i>	courbes <i>curva</i>	droits, dentelés <i>recta, dentada</i>	courbes, dentelés <i>curva, dentada</i>	
rette	curve	rette, dentate	curve, dentate	



LANGE	 1:2	 1:2	 1:2	 1:2
145 mm – 5 ³ / ₄ "	tk 8082-14	tk 8083-14	tk 8092-14	tk 8093-14
gerade <i>straight</i>	gebogen <i>curved</i>	gebogen, gezahnt <i>straight, saw edge</i>	gebogen, gezahnt <i>curved, saw edge</i>	
droits <i>recta</i>	courbes <i>curva</i>	droits, dentelés <i>recta, dentada</i>	courbes, dentelés <i>curva, dentada</i>	
rette	curve	rette, dentate	curve, dentate	

Chirurgische Scheren
Operating scissors

Ciseaux à chirurgie
Tijeras para cirugía
Forbici per chirurgia



MIXTER

155 mm – 6"



tk 8102-15

gerade
straight
droits
recta
rette



tk 8112-15

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



tk 8103-15

gebogen
curved
courbes
curva
curve

tk 8113-15

gebogen, gezahnt
curved, saw edge
courbes, dentelés
curva, dentada
curve, dentate



LEXER

160 mm – 6¹/₄"

tk 8122-16

tk 8123-16

210 mm – 8¹/₄"

tk 8122-21

tk 8123-21



Chirurgische Scheren
Operating scissors

Ciseaux à chirurgie
Tijeras para cirugía
Forbici per chirurgia



RICHTER

140 mm – 5½"

tk 8142-14

1:2



FERGUSSON

140 mm – 5½"

tk 8152-14

160 mm – 6¼"

tk 8152-16

180 mm – 7"

tk 8152-18



130 mm – 5"

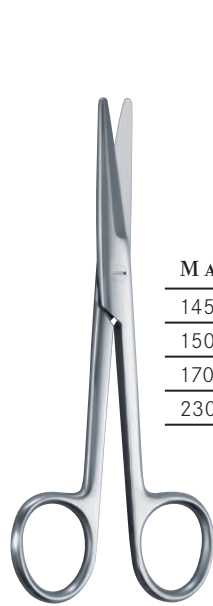
tk 8132-13

145 mm – 5¾"

tk 8132-14

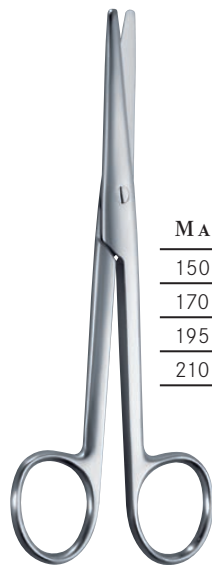
Chirurgische Scheren – Präparierscheren
Operating scissors – Dissecting scissors

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



MAYO

145 mm – 5¾"	tk 8272-14	tk 8273-14
150 mm – 6"	tk 8272-15	tk 8273-15
170 mm – 6¾"	tk 8272-17	tk 8273-17
230 mm – 9"	tk 8272-23	tk 8273-23



MAYO-STILLE

150 mm – 6"	tk 8282-15	tk 8283-15
170 mm – 6¾"	tk 8282-17	tk 8283-17
195 mm – 7¾"	tk 8282-19	tk 8283-19
210 mm – 8¾"	tk 8282-21	tk 8283-21



Chirurgische Scheren – Präparierscheren
Operating scissors – Dissecting scissors

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



MAYO-HARRINGTON

220 mm – 8³/₄"



1:2



1:2

tk 8275-22

tk 8276-22



MAYO-NOBLE

170 mm – 6³/₄"



1:2



1:2

tk 8292-17

tk 8293-17

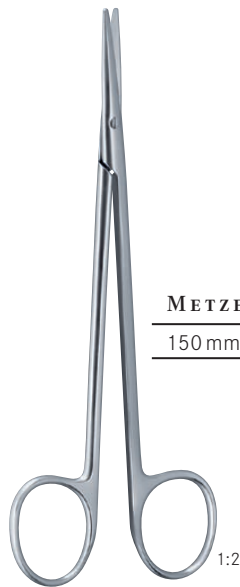
Chirurgische Scheren – Präparierscheren
Operating scissors – Dissecting scissors

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



WERTHEIM

145 mm – 5¾"	tk 8295-14
225 mm – 8¾"	tk 8295-22



METZENBAUM

150 mm – 6"	tk 8343-15	tk 8353-15
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1:2

1:2

1:2

Chirurgische Scheren – Präparierscheren
 Operating scissors – Dissecting scissors

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



METZENBAUM	Fig. 1	Fig. 2	Fig. 3
115 mm – 4½"	tk 8323-11		
145 mm – 5¾"	tk 8323-14	tk 8324-14	tk 8325-14



METZENBAUM	Fig. 1	Fig. 2	Fig. 3
115 mm – 4½"	tk 8333-11		
145 mm – 5¾"	tk 8333-14	tk 8334-14	tk 8335-14

Chirurgische Scheren – Präparierscheren
Operating scissors – Dissecting scissors

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



METZENBAUM-
NELSON

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



METZENBAUM-
NELSON

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

Chirurgische Scheren – Präparierscheren
Operating scissors – Dissecting scissors

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



METZENBAUM-FINO



1:2



1:2



1:2



1:2

	Fig. 1	Fig. 3	Fig. 1	Fig. 3
145 mm – 5¾"	tk 8372-14	tk 8374-14	tk 8373-14	tk 8375-14



METZENBAUM-FINO



180 mm – 7"	tk 8380-18	tk 8381-18	tk 8385-18
220 mm – 8"	tk 8380-20	tk 8381-20	tk 8385-20
230 mm – 9"	tk 8380-23	tk 8381-23	tk 8385-23

S-förmig gebogen
S-curved
 courbes en S
curva en S
 curve a forma di S

Präparierscheren
Dissecting scissors

Ciseaux à dissection
Tijeras de disección
Forbici per dissezione



FOMON

135 mm – 5¼"

tk 8392-14



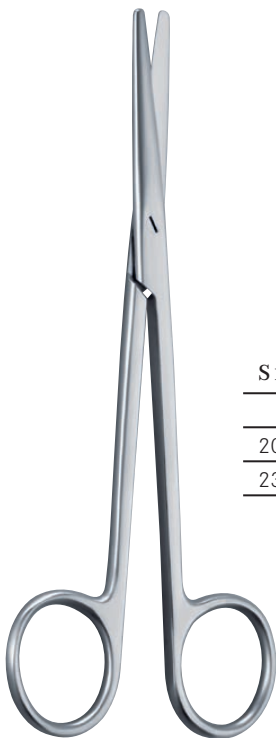
THOREK

190 mm – 7½"

tk 8394-19

Gynäkologische Scheren
Gynaecological scissors

Ciseaux à gynécologie
Tijeras para ginecología
Forbici per ginecologia



SIMS

	Fig. 1	Fig. 2	Fig. 1	Fig. 2
200 mm – 8"	tk 8423-20	tk 8424-20	tk 8433-20	tk 8434-20
230 mm – 9"	tk 8423-23	tk 8424-23	tk 8433-23	tk 8434-23

Gynäkologische Scheren
Gynaecological scissors

Ciseaux à gynécologie
Tijeras para ginecología
Forbici per ginecologia



1:2

DUBOIS

270 mm – 10¾"



1:2



1:2

tk 8442-27

tk 8443-27



1:2

DOYEN

175 mm – 7"



1:2



1:2

tk 8452-17

tk 8453-17



1:2

SIEBOLD

240 mm – 9½"

tk 8477-24

S-förmig gebogen
S-curved

courbes en S

curva en S

curve a forma di S

Feine chirurgische Scheren
Fine operating scissors

Ciseaux fins à chirurgie
Tijeras finas para cirugía
Forbici fine per chirurgia

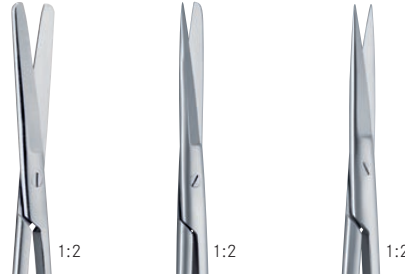


	Fig. 1	Fig. 2	Fig. 3
120 mm – 4¾"	tk 8523-12	tk 8524-12	tk 8525-12

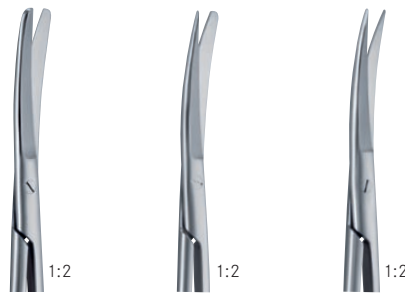
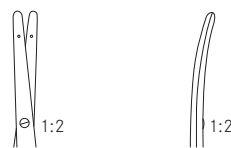


	Fig. 1	Fig. 2	Fig. 3
120 mm – 4¾"	tk 8533-12	tk 8534-12	tk 8535-12



KNAPP

105 mm – 4¼"	tk 8688-10	tk 8689-10
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stumpf
blunt

mousses
roma
smusse

Feine Scheren
Fine scissors

Ciseaux fins
Tijeras finas
Forbici fini



WAGNER

120 mm – 4³/₄ "



1:2

tk 8542-12

gerade
straight
droits
recta
rette



1:2

tk 8552-12

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



tk 8543-12

gebogen
curved
courbes
curva
curve

tk 8553-12

gebogen, gezahnt
curved, saw edge
courbes, dentelés
curva, dentada
curve, dentate



BROPHY
(SULLIVAN)

145 mm – 5³/₄ "



1:2

tk 8572-14



1:2

tk 8573-14



LITTLER

115 mm – 4¹/₂ "



1:2

tk 8571-11

145 mm – 5³/₄ "

tk 8571-14

Feine Scheren
Fine scissors

Ciseaux fins
Tijeras finas
Forbici fini



LOCKLIN

165 mm – 6½"

tk 8582-16

tk 8587-16

gezahnt
saw edge,
dentelées
dentada
dentate

QUINBY

125 mm – 5"

tk 8592-12



REYNOLDS

160 mm – 6¼"

tk 8602-16

tk 8603-16

180 mm – 7"

tk 8602-18

tk 8603-18



NEUMANN

120 mm – 4¾"

tk 8597-12

S-förmig gebogen
S-curved

courbes en S
curva en S
curve a forma di S

Feine Scheren
Fine scissors

Ciseaux fins
Tijeras finas
Forbici fini



105 mm – 4 1/4"



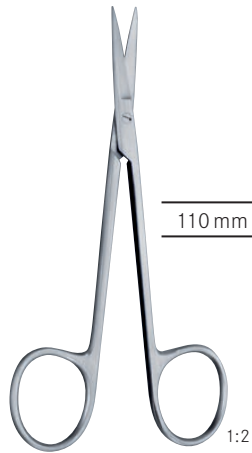
1:2

tk 8622-10



1:2

tk 8623-10



110 mm – 7"



1:2

tk 8632-11



1:2

tk 8633-11



90 mm – 3 1/2"



1:2

tk 8642-09





1:2

tk 8643-09

Feine Scheren
Fine scissors

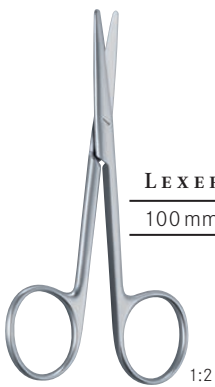
Ciseaux fins
Tijeras finas
Forbici fini





		
90 mm – 3½"	tk 8652-09	tk 8653-09
100 mm – 4"	tk 8652-10	tk 8653-10
115 mm – 4½"	tk 8652-11	tk 8653-11



		
SANVENERO	1:2	1:2
145 mm – 5¾"	tk 8662-14	tk 8663-14



			
LEXER-BABY	1:2	1:2	
100 mm – 4"	tk 8672-10	tk 8682-10	tk 8673-10
gerade <i>straight</i> droits <i>recta</i> rette		gerade, gezahnt <i>straight, saw edge</i> droits, dentelés <i>recta, dentada</i> rette, dentate	gebogen <i>curved</i> courbes <i>curva</i> curve
			gebogen, gezahnt <i>curved, saw edge</i> courbes, dentelés <i>curva, dentad</i> curve, dentate

Fistelscheren
Fistula scissors

Ciseaux pour fistules
Tijeras para fistulas
Forbici per fistole

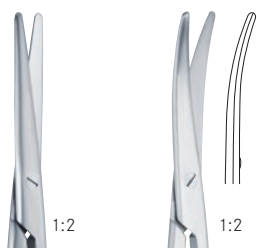


KELLY

160 mm – 6¼"	tk 8462-16	tk 8463-16
180 mm – 7"	tk 8462-18	tk 8463-18

Enucleationsscheren
Enucleation scissors

Ciseaux à énucléation
Tijeras para enucleación
Forbici per enucleazione



LANDOLDT

125 mm – 5"	tk 8612-12	tk 8614-12
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CHADWICK

110 mm – 4¼"	tk 9485-11	tk 9492-11
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Scheren für die Plastische Chirurgie
Plastic surgery scissors

Ciseaux pour la chirurgie plastique
Tijeras para cirugía plástica
Forbici per chirurgia plastica



JOSEPH

140 mm – 5½"



1:2



1:2

tk 8692-14

tk 8693-14



KILNER (RAGNELL)

120 mm – 4¾"

150 mm – 6"

1:2

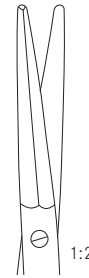
tk 8697-12

tk 8697-15



GORNEY

200 mm – 8"



1:2

tk 8700-20



1:2

tk 8701-20



Bitte fordern Sie unseren Spezialkatalog für Plastische Chirurgie an.
Please ask for our special catalogue for plastic surgery.

Veuillez demander pour notre catalogue spécial pour la chirurgie plastique.
Por favor preguntan para el catalogo especial para la cirugía plástica.

Per favore domandate per il nostro catalogo speciale per la chirurgia plastica.

Gefäßscheren
Artery scissors

Ciseaux vasculaires
Tijeras vasculares
Forbici vascolari



1:2

145 mm – 5¾"

tk 8722-14

- 1 Blatt mit Sondenspitze
- 1 Blade with probe
- 1 Lame avec sonde
- 1 Punta forma sonda
- 1 Lama con sonda



1:2

LINCOLN

170 mm – 6¾"



1:2

tk 8724-17



1:2

tk 8725-17



1:2

115 mm – 4½"

tk 8727-11



1:2

FULTON

170 mm – 6¾"

tk 8730-17



1:2

POTTS-SMITH
(DE MARTEL)

195 mm – 7¾"

tk 8732-19

Gefäßscheren
Artery scissors

Ciseaux vasculaires
Tijeras vasculares
Forbici vascolari



FAVALORO
150 mm – 6"
tk 8740-15

1:2



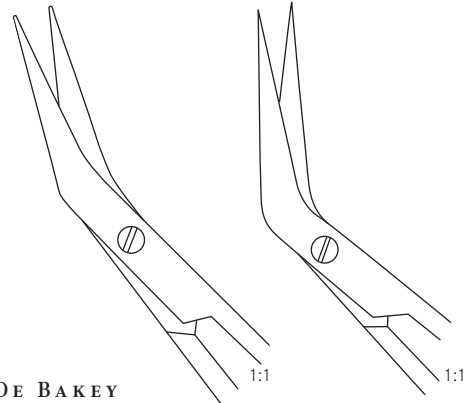
DE BAKEY

155 mm – 6" **tk 8741-15** **tk 8742-15**

Offset-Schere, S-förmig
Offset scissors, s-shaped

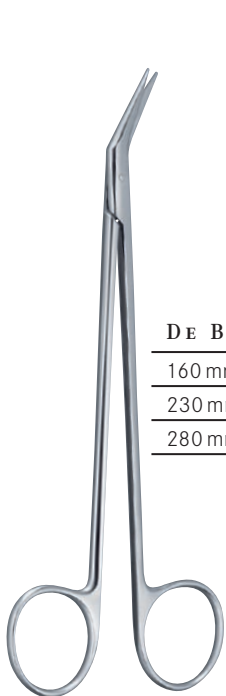
Ciseaux offset, courbes en S
Tijera offset, curva en S
Forbici offset, curve a forma di S

1:2



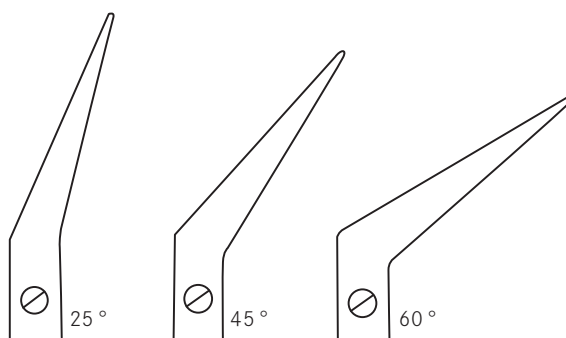
1:1

1:1



DE BAKEY

160 mm – 6 ¹ / ₄ "	tk 8745-16	tk 8746-16	tk 8747-16
230 mm – 9"	tk 8745-23	tk 8746-23	tk 8747-23
280 mm – 11"	tk 8745-28	tk 8746-28	tk 8747-28



25°

45°

60°



MILLS

225 mm – 8³/₄"
tk 8744-22

1:2

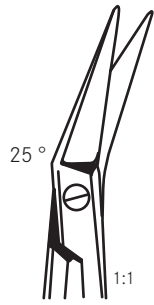
Gefäßscheren
Artery scissors

Ciseaux vasculaires
Tijeras vasculares
Forbici vascolari

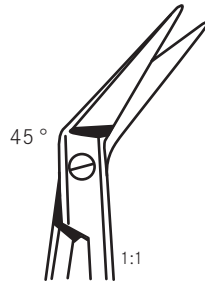


POTTS-DE
MARTEL

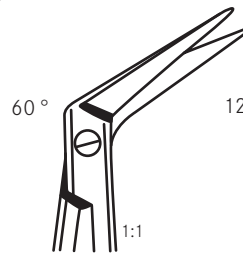
190 mm – 7½"



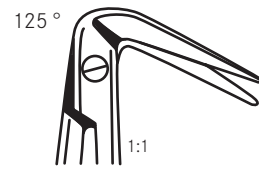
tk 8771-25



tk 8771-45



tk 8771-60

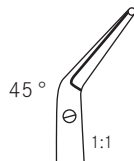


tk 8771-12

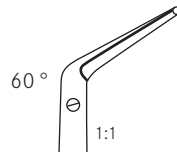


180 mm – 7"

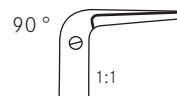
tk 8772-25



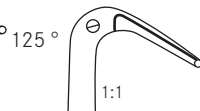
tk 8772-45



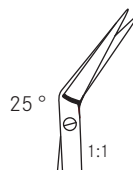
tk 8772-60



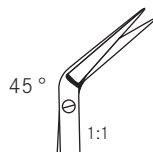
tk 8772-90



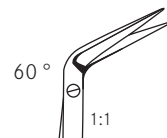
tk 8772-12



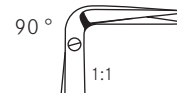
tk 8774-25



tk 8774-45



tk 8774-60



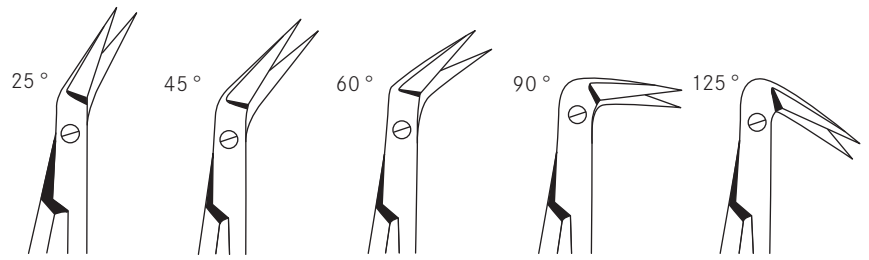
tk 8774-90



tk 8774-12

Gefäßscheren
Artery scissors

Ciseaux vasculaires
Tijeras vasculares
Forbici vascolari



DIETRICH-
HEGEMANN

145 mm – 5¾"	tk 8754-14	tk 8755-14	tk 8756-14	tk 8757-14	tk 8758-14
160 mm – 6¼"	tk 8754-16	tk 8755-16	tk 8756-16	tk 8757-16	tk 8758-16
190 mm – 7½"	tk 8754-19	tk 8755-19	tk 8756-19	tk 8757-19	tk 8758-19

Knorpelscheren
Cartilage scissors

Ciseaux pour cartilages
Tijeras para cartilagos
 Forbici per cartilagini



MARTIN-CARTILAGE

190 mm – 7½" **tk 8747-19**

gebogen, gezahnt
curved, saw edge

courbes, dentelés
curva, dentada
 curve, dentate



MC INDOE

190 mm – 7½" **tk 8752-19**



POTTS-SMITH

190 mm – 7½" **tk 8753-19**

Tonsillenscheren
Tonsil scissors

Ciseaux pour amygdales
Tijeras para amigdales
Forbici per tonsille



BOETTCHER

180 mm – 7"

tk 8832-18



PRINCE

175 mm – 7"

tk 8837-17



TOENNIS-ADSON

170 mm – 6³/₄"

tk 8847-17



TOENNIS

180 mm – 7"



1:1

tk 8842-18



1:1

tk 8843-18

Tonsillenscheren
Tonsil scissors

Ciseaux pour amygdales
Tijeras para amigdales
Forbici per tonsille



1:2

DEAN

170 cm – 6¾" |

tk8852-17 |

tk8857-17

gebogen
curved

courbes
curva

curve

gebogen, gezahnt
curved, saw edge

courbes, dentelés
curva, dentada

curve, dentate



1:2

WERTHEIM

190 mm – 7½" |

tk8862-19



1:1

1:2

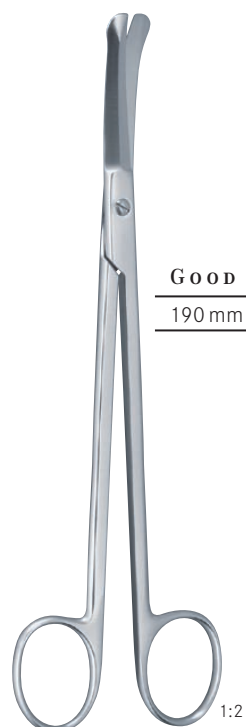
OLIVECRONA

230 mm – 9" |

tk8849-23

Trigeminusschere
Trigeminal scissors

Ciseaux pour le trigéminus
Tijera para nervio trigémino
Forbici per il nervo trigemino



1:2

GOOD

190 mm – 7½" |

tk8867-19

Lungenscheren
Lobectomy scissors

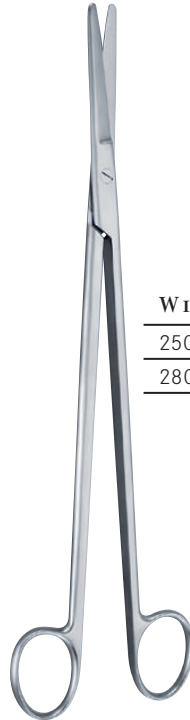
Ciseaux à lobectomie
Tijeras para lobectomia
Forbici per lobectomia



CRAFOORD

300 mm – 12"	tk 8882-30
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1:3



WILLAUER

250 mm – 9¾"	tk 8892-25	tk 8893-25
280 mm – 11"	tk 8892-28	tk 8893-28

gerade
straight

droits
recta
rette

gebogen
curved

courbes
curva
curve



FINOCHIETTO

270 mm – 10¾"	tk 8912-27
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1:3



RESANO

250 mm – 10"	tk 8939-25
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1:3

Thoraxscheren
Thorax scissors

Ciseaux pour le thorax
Tijeras para torax
Forbici per torace



SATINSKY

245 mm – 9¾" tk8762-24



KLINKENBERG-LOTH

230 mm – 9" tk8767-23



JORGENSEN

220 mm – 8¾" tk8769-22

Darmscheren
Enterotomy scissors

Ciseaux pour l'intestin
Tijeras para intestino
Forbici per enterotomia



	Fig. 1	Fig. 2	Fig. 3
210 mm – 8 1/4"	tk 8922-21	tk 8927-21	tk 8932-21

Nabelschnurscheren
Umbilical scissors

Ciseaux pour le cordon ombilical
Tijeras umbilicales
 Forbici ombelicali



BUSCH

130 mm – 5"	tk 9022-13	tk 9027-13
160 mm – 6¼"	tk 9022-16	tk 9027-16

gezahnt
saw edge
 dentelés
dentada
 dentate



SCHUMACHER

160 mm – 6¼"	tk 9032-16
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MOD. USA

105 mm – 4¼"	tk 9042-10
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Episiotomiescheren
Episiotomy scissors

Ciseaux à épisiotomie
Tijeras para episiotomia
Forbici per episiotomia



BRAUN-STADLER

145 mm – 5¾"	tk 9072-14
220 mm – 8¾"	tk 9077-22



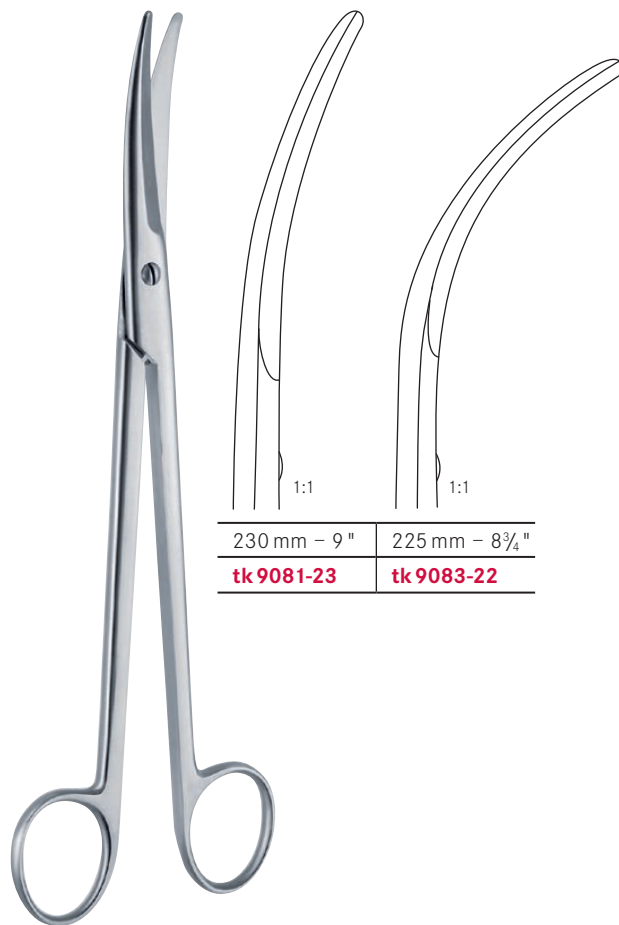
WALDMANN

180 mm – 7"	tk 9107-18
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1:2

Parametriumscheren
Parametrium scissors

Parametrium ciseaux
Parametrium tijeras
 Forbici per il parametrio



Nasenscheren
Nasal scissors

Ciseaux nasaux
Tijeras nasales
Forbici nasali



SAILER

170 mm – 6³/₄" **tk 9132-17**



HEYMANN

180 mm – 7" **tk 9137-18**



FOMON

130 mm – 5" **tk 9152-13**






COTTLE

160 mm – 6¹/₄" **tk 9157-16**

Mikroscheren | Micro-ciseaux
 Micro scissors | Micro-tijeras
 Micro-forbici






1:1

NOYES	 1:1	 1:1	 1:1
	Fig. 1	Fig. 2	Fig. 3
120 mm – 4 3/4"	tk 9222-01	tk 9222-02	tk 9222-03
gerade straight	spitz – spitz sharp – sharp	spitz – stumpf sharp – blunt	stumpf – stumpf blunt – blunt
droits <i>recta</i> rette	pointue – pointue <i>roma – roma</i> acuta – acuta	pointue – mousse <i>roma – aguda</i> acuta – smussa	mousse – mousse <i>aguda – aguda</i> smussa – smussa



1:1

NOYES	 1:1	 1:1	 1:1
	Fig. 1	Fig. 2	Fig. 3
120 mm – 4 3/4"	tk 9223-01	tk 9223-02	tk 9223-03
abgewinkelt angulated	spitz – spitz sharp – sharp	spitz – stumpf sharp – blunt	stumpf – stumpf blunt – blunt
coudé <i>angulado</i> angolate	pointue – pointue <i>roma – roma</i> acuta – acuta	pointue – mousse <i>roma – aguda</i> acuta – smussa	mousse – mousse <i>aguda – aguda</i> smussa – smussa

Mikroscheren
Micro scissors

Micro-ciseaux
Micro-tijeras
Micro-forbici



120 mm – 4¾" **tk 9230-12**



BARRAQUER

	55 mm – 2¼"
x = 7 mm	tk 9252-05
x = 10 mm	tk 9257-05



WECKER

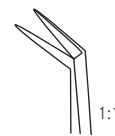
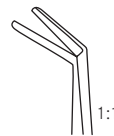
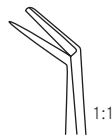


	Fig. 1	Fig. 2	Fig. 3
110 mm – 4¼"	tk 9243-11	tk 9244-11	tk 9245-11

spitz – stumpf
sharp – blunt

stumpf – stumpf
blunt – blunt

spitz – spitz
sharp – sharp

pointue – mousse
roma – aguda
acuta – smussa

mousse – mousse
aguda – aguda
smussa – smussa

pointue – pointue
roma – roma
acuta – acuta

Mikroscheren | Micro-ciseaux
 Micro scissors | Micro-tijeras
 Micro-forbici



WESTCOTT

115 mm - 4½"



1:1

tk 9262-11



1:1

tk 9263-11



CASTROVIEJO

90 mm - 3½"

tk 9272-09

1:1

Mikroscheren
Micro scissors

Micro-ciseaux
Micro-tijeras
Micro-forbici



VANNAS

80 mm – 3¼"



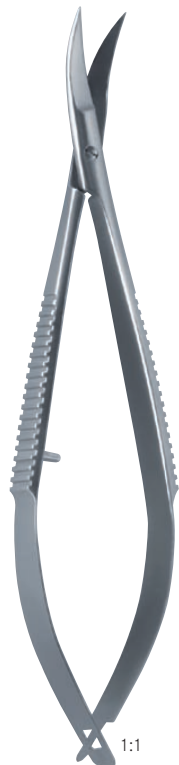
1:1

tk 9282-08



1:1

tk 9283-08



CASTROVIEJO

100 mm – 4"



1:1

tk 9322-10



1:1

tk 9332-10

spitz – spitz stumpf – stumpf
sharp – sharp blunt – blunt

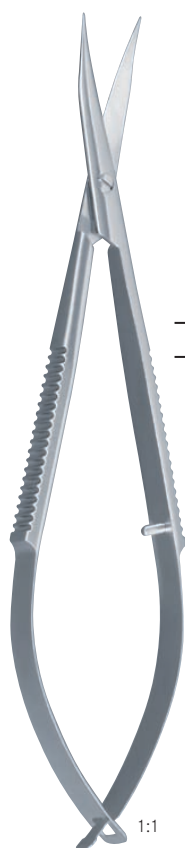
pointue – pointue mousse – mousse

aguda – aguda roma – roma

acuta – acuta smussa – smussa

Sehnenscheren
Tenotomy scissors

Ciseaux à ténatomie
Tijeras para tenotomía
Forbici per tenotomia



WESTCOTT

110 mm – 4 1/4"



1:1

tk 9352-11

spitz – spitz
sharp – sharp
pointue – pointue
aguda – aguda
acuta – acuta



1:1

tk 9357-11

stumpf – stumpf
blunt – blunt
mousse – mousse
roma – roma
smussa – smussa

Irisscheren
Iris scissors

Ciseaux à iridectomie
Tijeras para iridectomia
Forbici per iridectomia



120 mm – 4¾"

tk 9422-12

tk 9423-12



1:2



1:2



115 mm – 4½"

tk 9432-11

tk 9434-11

tk 9436-11

tk 9438-11



1:2



1:2



1:2



1:2

gerade
straight
droits
recta
rette

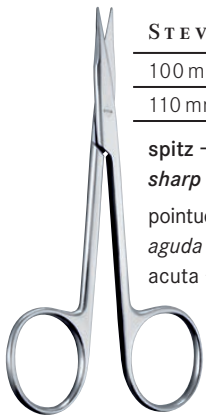
gebogen
curved
courbes
curva
curve

kniegebogen
angular
coudés
acodada
angolata

seitwärts gebogen
laterally curved
courbes laterale
curva lateral
curvata lateralmente

Sehnenscheren
Tenotomy scissors

Ciseaux à ténatomie
Tijeras para tenotomía
Forbici per tenotomia



STEVENS

100 mm – 4"

110 mm – 4¼"



tk 9452-10

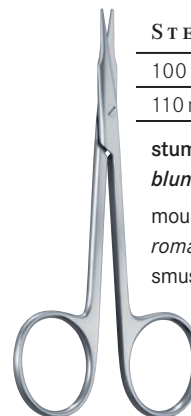
tk 9453-10

tk 9452-11

tk 9453-11

spitz – spitz
sharp – sharp

pointue – pointue
aguda – aguda
acuta – acuta



STEVENS

100 mm – 4"

110 mm – 4¼"



tk 9462-10

tk 9463-10

tk 9462-11

tk 9463-11

stumpf – stumpf
blunt – blunt

mousse – mousse
roma – roma
smussa – smussa



WALTON

100 mm – 4"

tk 9473-10

1:2



GRAEFE

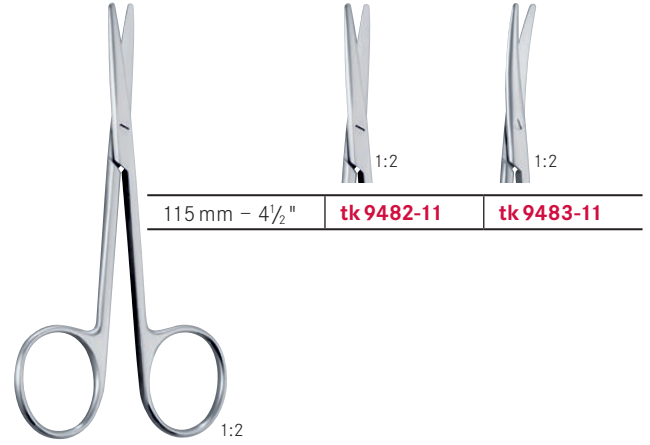
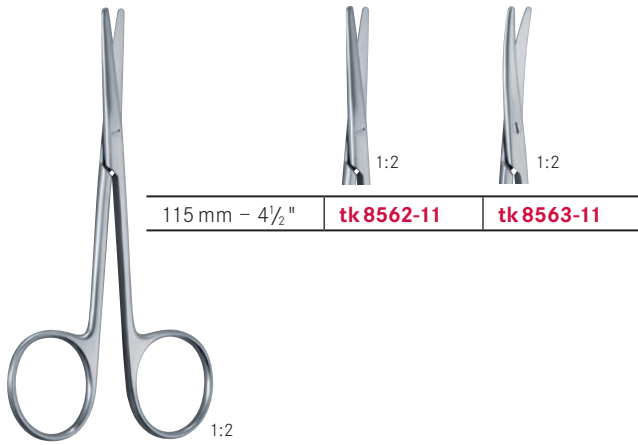
105 mm – 4¼"

tk 9477-09

1:2

Strabismusscheren
Strabismus scissors

Ciseaux à strabisme
Tijeras para estrabismo
Forbici per strabismo



Anatomische Scheren
Anatomy scissors

Ciseaux à dissequer
Tijeras para anatomia
Forbici per anatomia



115 mm – 4½"	tk 9502-11	tk 9503-11
130 mm – 5"	tk 9502-13	tk 9503-13
140 mm – 5½"	tk 9502-14	tk 9503-14

Durascheren
Dura scissors

Ciseaux pour la duremère
Tijeras para dura-madre
Forbici per dura-madre

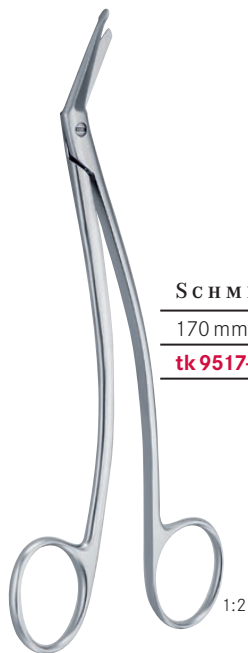


TAYLOR

145 mm – 5¾"

tk 9517-14

1:2



SCHMIEDEN

170 mm – 6¾"

tk 9517-17

1:2



DANDY

170 mm – 6¾"

tk 9521-17

1:2



STRULLY

220 mm – 8¾"

1:2



1:2

tk 9518-22



1:2

tk 9519-22

Ligaturscheren
Ligature scissors

Ciseaux à ligatures
Tijeras para ligaduras
Forbici per sutura



LITTAUER

140 mm – 5½"

tk 9522-14

1:2

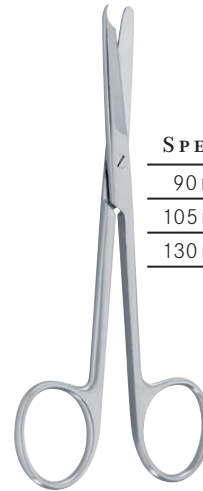


O'BRIEN

90 mm – 3½"

tk 9530-09

1:2



SPENCER

90 mm – 3½"

tk 9532-09

105 mm – 4¼"

tk 9532-10

130 mm – 5"

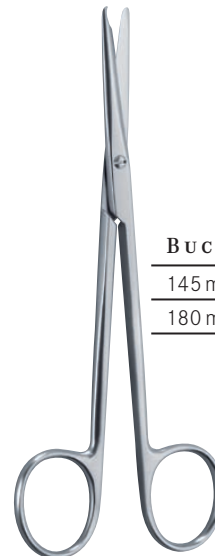
tk 9532-13



115 mm – 4½"

tk 9533-11

1:2



BUCK

145 mm – 5¾"

tk 9535-14

180 mm – 7"

tk 9535-18

Ligaturscheren
Ligature scissors

Ciseaux à ligatures
Tijeras para ligaduras
Forbici per sutura



NORTHBENT

90 mm – 3½"	tk 9542-09
125 mm – 5"	tk 9542-12



HEATH

150 mm – 6"	tk 9552-15
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gezahnt
saw edge
dentelés
dentada
dentata

1:2



120 mm – 4¾"	tk 9557-12
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gezahnt
saw edge
dentelés
dentada
dentata

1:2



EISELSBERG

110 mm – 4¼"	tk 9567-11
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1:2

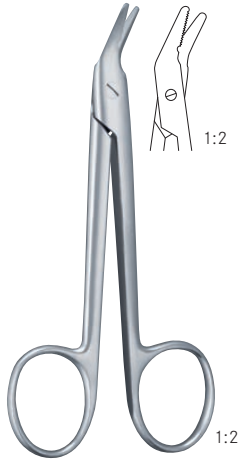


105 mm – 4¼"	tk 9577-10
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1:2

Drahtscheren
Wire cutting scissors

Cisailles pour fils
Cizallas para cortar alambre
Forbici per filo metallico



UNIVERSAL

120 mm – 4¾"

tk 9622-12

gezahnt
saw edge
dentelés
dentada
dentata



HARVEY

125 mm – 5"

tk 9632-12

gezahnt
saw edge
dentelés
dentada
dentata

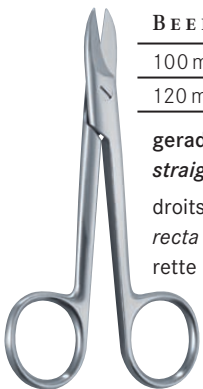


SCHUHKNECHT

125 mm – 5"

tk 9637-12

gezahnt
saw edge
dentelés
dentada
dentata

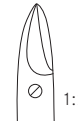


BEEBEE

100 mm – 4"

120 mm – 4¾"

gerade
straight
droits
recta
rette



tk 9582-10

tk 9582-12

tk 9592-10

tk 9592-12

tk 9602-10

tk 9602-12

tk 9612-10

tk 9612-12

stumpf – stumpf
blunt – blunt

spitz – spitz
sharp – sharp

stumpf – stumpf, gezahnt
blunt – blunt, saw edge

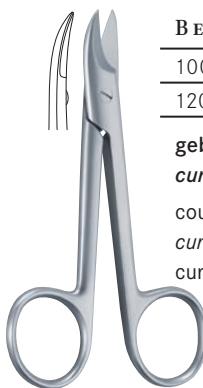
spitz – spitz, gezahnt
sharp – sharp, saw edge

mousse – mousse
roma – roma
smussa – smussa

pointue – pointue
aguda – aguda
acuta – acuta

mousse – mousse, dentelée
roma – roma, dentada
smussa – smussa, dentata

pointue – pointue, dentelée
aguda – aguda, dentada
acuta – acuta, dentata

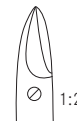
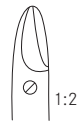
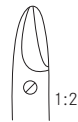


BEEBEE

100 mm – 4"

120 mm – 4¾"

gebogen
curved
courbes
curva
curve



tk 9583-10

tk 9583-12

tk 9593-10

tk 9593-12

tk 9603-10

tk 9603-12

tk 9613-10

tk 9613-12

stumpf – stumpf
blunt – blunt

spitz – spitz
sharp – sharp

stumpf – stumpf, gezahnt
blunt – blunt, saw edge

spitz – spitz, gezahnt
sharp – sharp, saw edge

mousse – mousse
roma – roma
smussa – smussa

pointue – pointue
aguda – aguda
acuta – acuta

mousse – mousse, dentelée
roma – roma, dentada
smussa – smussa, dentata

pointue – pointue, dentelée
aguda – aguda, dentada
acuta – acuta, dentata

Verbandscheren
Bandage scissors

Ciseaux pour pansements
Tijeras para vendajes
Forbici per bendaggi



UNIVERSAL

150 mm – 6"	tk 9670-15
180 mm – 7"	tk 9670-18



LISTER

90 mm – 3½"	tk 9672-09
110 mm – 4¼"	tk 9672-11
140 mm – 5½"	tk 9672-14
180 mm – 7"	tk 9672-18
200 mm – 8"	tk 9672-20



180 mm – 7"	tk 9674-18
200 mm – 8"	tk 9674-20

Verbandscheren
Bandage scissors

Ciseaux pour pansements
Tijeras para vendajes
Cesoie per bendaggi



LANGE

180 mm – 7"

tk 9697-18

1:2



KNOWLES

140 mm – 5½"

tk 9727-14

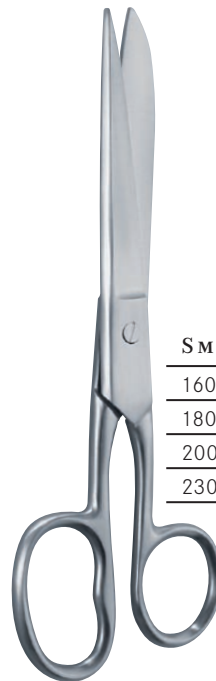
1:2



160 mm – 6¼"

tk 9702-16

1:2



SMITH (MOD. USA)

160 mm – 6¼"

tk 9722-16

180 mm – 7"

tk 9722-18

200 mm – 8"

tk 9722-20

230 mm – 9"

tk 9722-23

Verband- und Gipsscheren
Bandage scissors – Plaster shears

Ciseaux pour pansements et plâtres
Tijeras para vendajes y vendajes enyesados
 Cesioie per bendaggi ed apparecchi gessati



ESMARCH

200 mm – 8"	tk 9676-20
220 mm – 8¾"	tk 9676-22



EXCENTRIC

160 mm – 6¼"	tk 9680-16
190 mm – 7½"	tk 9680-19

gezahnt
saw edge
 dentelés
dentadas
 dentate



BERGMANN

230 mm – 9"	tk 9682-23
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1:2



LORENZ

230 mm – 9"	tk 9687-23
-------------	-------------------

1:2

Gipsscheren
Plaster shears

Cisailles pour plâtres
Cizallas para vendajes enyesados
Cesoie per apparecchi gessati



BRUNS

240 mm – 9½"



1:2



1:2

tk 9712-24

tk 9714-24

gezahnt
saw edge
dentelés
dentadas
dentate

1:2



1:2

200 mm – 8"

tk 9732-20



1:2

230 mm – 9"

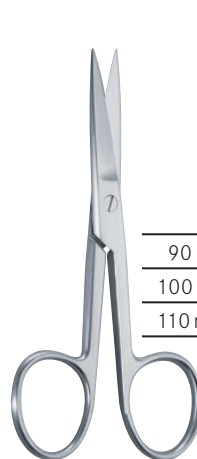
tk 9737-23

Hautscheren – Nagelscheren
Cuticle scissors – Nail scissors

Ciseaux à envies – Ciseaux à ongles
Tijeras cuticulares – Tijeras para uñas
 Forbici per unghie e cuticole



100 mm – 4"	tk 9982-10	tk 9983-10
110 mm – 4¼"	tk 9982-11	tk 9983-11



90 mm – 3½"	tk 9992-09	tk 9993-09
100 mm – 4"	tk 9992-10	tk 9993-10
110 mm – 4¼"	tk 9992-11	tk 9993-11



Nagelspaltscheren
Nail splitting scissors

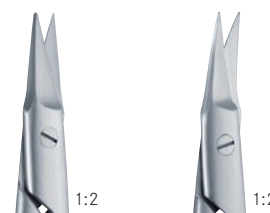
Ciseaux à ongles
Tijeras para uñas
 Forbici per unghie



130 mm – 5"	tk 9642-13
150 mm – 6"	tk 9642-15



SYSTRUNK		1:2	1:2
130 mm – 5"	tk 9652-13	tk 9653-13	



Nagelzangen
Nail nippers

Pinces à ongles
Pinzas corta-uñas
Forbici e tronchesine per unghie



110 mm – 4 1/4"	tk 9974-11
130 mm – 5"	tk 9974-13
150 mm – 6"	tk 9974-15



140 mm – 5 1/2"	tk 9976-14
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140 mm – 5 1/2"	tk 9977-14
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TURNBULL

115 mm – 4 1/2"	tk 9978-11
130 mm – 5"	tk 9978-13



100 mm – 4"	tk 9960-10
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COHEN

100 mm – 4"	tk 9962-10
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TUCAR^{TK}

Scheren mit Hartmetallschneiden *Scissors with tungsten-carbide inserts*

Ciseaux avec inserts de carbure de tungstène
Tijeras con filo en carburo de tungsteno
Forbici con inserti al carburo di tungsteno



Alle Scheren mit „tucar“ Hartmetallschneiden zeichnen sich durch eine über lange Zeit gleichmäßige weiche und dauerhafte Schnittfähigkeit aus. Alle Scheren mit Hartmetallschneiden haben zur Kennzeichnung vergoldete Ringe.

All scissors with “tucar” tungsten carbide cutting edges are distinguished by a uniform, smooth and longlasting cut. Scissors having tungsten carbide cutting edges are identified by gold plated rings

Tous les ciseaux munis de lames «tucar» en carbure de tungstène se distinguent par leur coupe uniforme, souple et durable. Les ciseaux avec tranchants en carbure de tungstène se reconnaissent par leurs anneaux dorés.

Todas las tijeras dotadas de hojas “tucar” de carburo de tungsteno son distinguidas por su corte uniforme, suave y durable. Tijeras con corte de carburo de tungsteno se reconocen por la doradura de sus anillos.

Tutte le forbici con taglio di tungsteno permettono un taglio uniforme per un tempo prolungato. Tutte le forbici “tucar”, cioè con le lame di Tungsteno hanno gli anelli d’orati.

Chirurgische Scheren
Operating scissors

Ciseaux à chirurgie
Tijeras para cirugía
Forbici per chirurgia

TUCARTK



STANDARD

	Fig. 1	Fig. 2	Fig. 3
145 mm – 5¾"	tk 8027-14	tk 8028-14	tk 8029-14
165 mm – 6½"	tk 8027-16	tk 8028-16	tk 8029-16



STANDARD

	Fig. 1	Fig. 2	Fig. 3
145 mm – 5¾"	tk 8037-14	tk 8038-14	tk 8039-14
165 mm – 6½"	tk 8037-16	tk 8038-16	tk 8039-16



LEXER

165 mm – 6¼"	tk 8138-16	tk 8139-16
210 mm – 8¼"	tk 8138-21	tk 8139-21

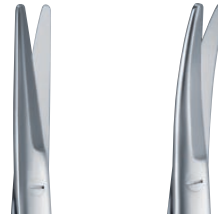
Chirurgische Scheren – Präparierscheren
Operating scissors – Dissecting scissors

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



MAYO

145 mm – 5¾"	tk 8278-14	tk 8279-14
170 mm – 6¾"	tk 8278-17	tk 8279-17
230 mm – 9"	tk 8278-23	tk 8279-23



MAYO-STILLE

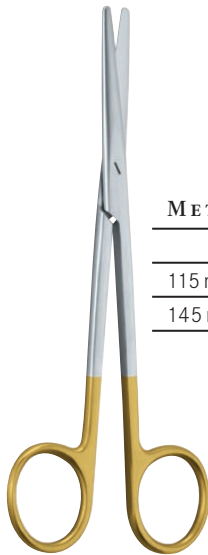
150 mm – 6"	tk 8288-15	tk 8289-15
170 mm – 6¾"	tk 8288-17	tk 8289-17



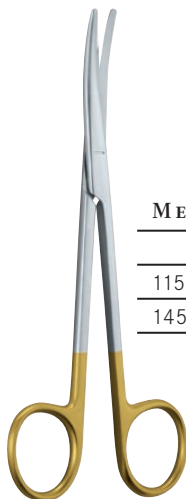
Chirurgische Scheren – Präparierscheren
Operating scissors – Dissecting scissors

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

TUCARTK



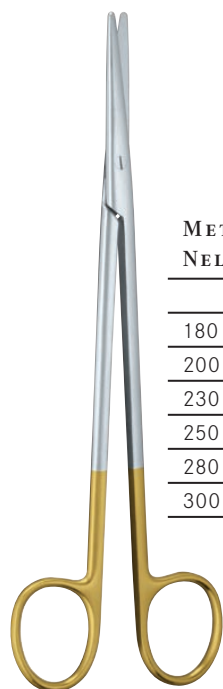
METZENBAUM	Fig. 1	Fig. 2	Fig. 3
115 mm – 4½"	tk 8327-11		
145 mm – 5¾"	tk 8327-14	tk 8328-14	tk 8329-14



METZENBAUM	Fig. 1	Fig. 2	Fig. 3
115 mm – 4½"	tk 8337-11		
145 mm – 5¾"	tk 8337-14	tk 8338-14	tk 8339-14

Chirurgische Scheren – Präparierscheren
 Operating scissors – Dissecting scissors

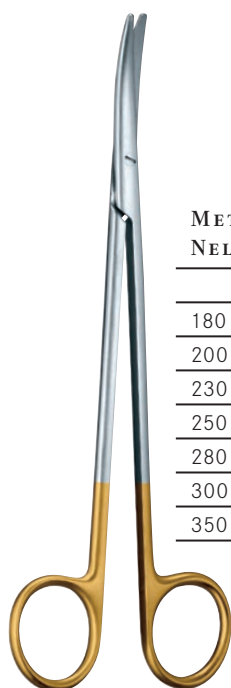
Ciseaux à chirurgie – Ciseaux à dissection
 Tijeras para cirugía – Tijeras de disección
 Forbici per chirurgia – Forbici per dissezione



METZENBAUM-
NELSON



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



METZENBAUM-
NELSON



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

Chirurgische Scheren – Präparierscheren
Operating scissors – Dissecting scissors

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

TUCARTK



METZENBAUM-
FINO



	Fig. 1	Fig. 1
145 mm – 5¾"	tk 8363-14	tk 8365-14



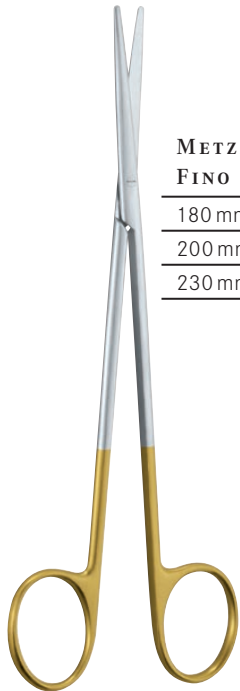
METZENBAUM-
FINO



	Fig. 3	Fig. 3
145 mm – 5¾"	tk 8366-14	tk 8367-14

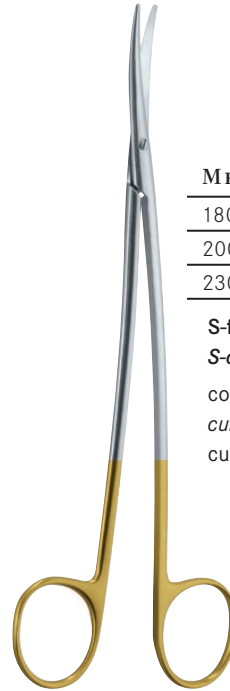
Präparierscheren
Dissecting scissors

Ciseaux à dissection
Tijeras de disección
Forbici per dissezione



METZENBAUM-FINO

180 mm – 7"	tk 8370-18	tk 8371-18
200 mm – 8"	tk 8370-20	tk 8371-20
230 mm – 9"	tk 8370-23	tk 8371-23



METZENBAUM-FINO

180 mm – 7"	tk 9725-18
200 mm – 8"	tk 9725-20
230 mm – 9"	tk 9725-23

S-förmig gebogen
S-curved

courbes en S
curva en S
curve a forma di S

Feine Scheren
Fine scissors

Ciseaux fins
Tijeras finas
Forbici fini



LOCKLIN

165 mm – 6½"	tk 8591-16	tk 8589-16
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gerade, gezahnt
straight, saw edge
droits, dentelés
recta, dentada
rette, dentate

gebogen, gezahnt
curved, saw edge
courbes, dentelés
curva, dentada
curve, dentate

Scheren für die Plastische Chirurgie
Plastic surgery scissors

Ciseaux pour la chirurgie plastique
Tijeras para la cirugía plástica
Forbici per chirurgia plastica

TUCARTK

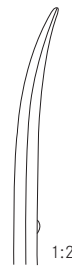
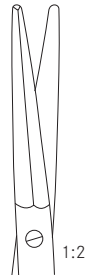


GORNEY

200 mm – 8"

tk 8702-20

tk 8703-20



KAYE

115 mm – 4½"

tk 8696-11



Bitte fordern Sie unseren Spezialkatalog für Plastische Chirurgie an.
Please ask for our special catalogue for plastic surgery.

Veillez demander pour notre catalogue spécial pour la chirurgie plastique.
Por favor preguntan para el catalogo especial para la cirugía plástica.

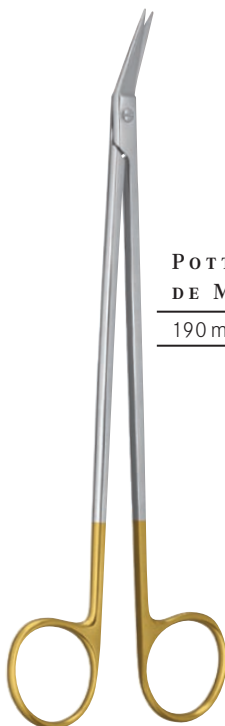
Per favore domandate per il nostro catalogo speciale per la chirurgia plastica.

Gefäßscheren
Artery scissors

Ciseaux vasculaires
Tijeras vasculares
Forbici vascolari



DE BAKEY	25°	45°	60°
160 mm – 6¼"	tk 8775-16	tk 8776-16	tk 8777-16
230 mm – 9"	tk 8775-23	tk 8776-23	tk 8777-23
280 mm – 11"	tk 8775-28	tk 8776-28	tk 8777-28



POTTS- DE MARTEL	25°	45°	60°
190 mm – 7½"	tk 8773-25	tk 8773-45	tk 8773-60

Tonsillenscheren
Tonsil scissors

Ciseaux pour les amygdales
Tijera para amigdales
Forbici per tonsille

TUCARTK



TOENNIS-
ADSON

170 mm – 6 $\frac{3}{4}$ "

tk9718-17

1:2



DEAN

170 mm – 6 $\frac{3}{4}$ "

tk8859-17

gebogen, gezahnt
curved, saw edge

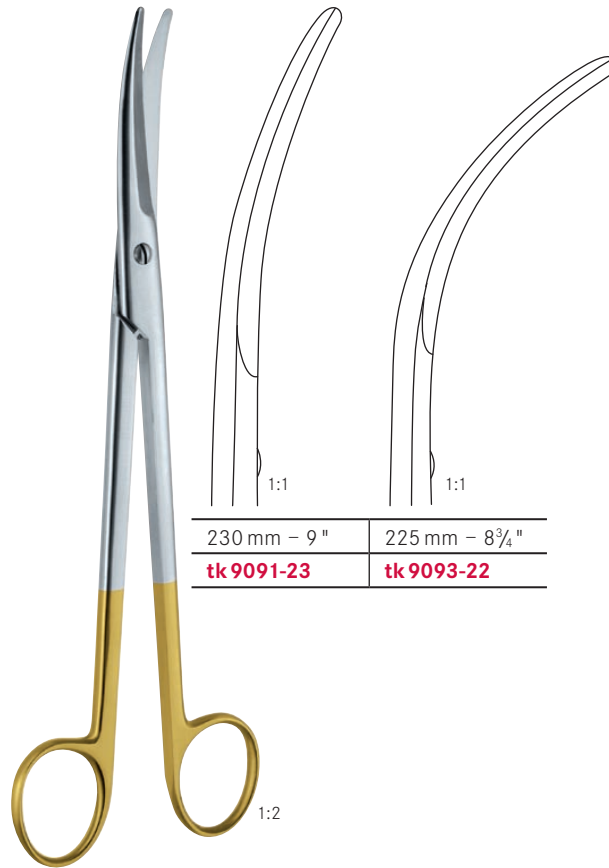
curvas, dentelés
curvas, dentadas

curve, dentate

1:2

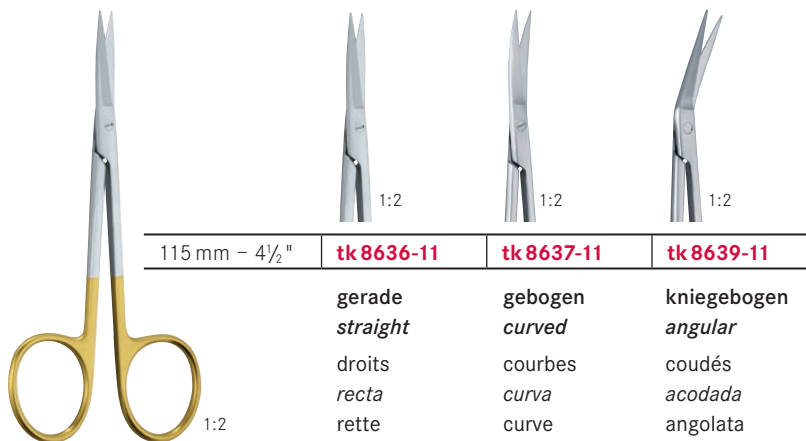
Parametriumscheren
Parametrium scissors

Parametrium ciseaux
Parametrium tijera
Forbici per il parametrio



Irisscheren
Iris scissors

Ciseaux à iridectomie
Tijeras para iridectomia
Forbici per iridectomia



Drahtschere
Wire cutting scissors

Cisaille pour fils
Cizalla para cortar alambre
Forbice per filo metallico

TUCARTK



UNIVERSAL

120 mm – 4³/₄ "

tk 9629-12

Verbandscheren
Bandage scissors

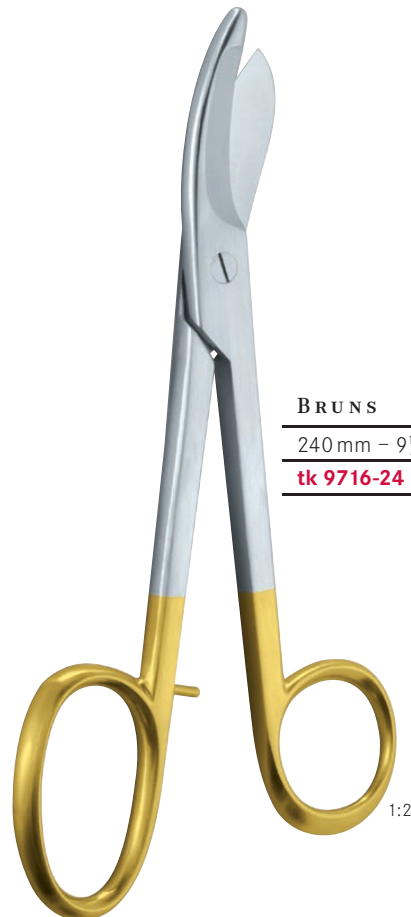
Ciseaux pour pansements
Tijeras para vendajes
Forbici per bendaggi



LISTER

180 mm – 7 "

tk 9677-18



BRUNS

240 mm – 9¹/₂ "

tk 9716-24

SUPERCUT^{TK}

SuperCut Scheren (SU) SuperCut scissors (SU)

Ciseaux SuperCut (SU)
SuperCut tijeras (SU)
Forbici con taglio SuperCut (SU)



Ein äußerst scharfer Osteotomschliff am oberen Scherenblatt gewährt das leichte Abscheren des Gewebes. Das zweite Scherenblatt ist leicht gezahnt, um das Abrutschen des Gewebes zu vermeiden. SuperCut-Scheren sind an einem goldenen Ring zu erkennen. Auf Wunsch kann jedes andere Modell in SuperCut geliefert werden. Auf Wunsch können SuperCut Scheren auch ohne Zahnung geliefert werden.

An extremely sharp osteotome cut on the upper blade guarantees easy and precise cutting of the tissue. The other blade is slightly serrated for fixing the tissue. SuperCut scissors are indicated by one golden ring. Any other tekno scissors can be supplied as tekno SuperCut upon request. SuperCut scissors can be supplied upon request without serration.

L'aiguisage extrêmement coupante «osteotome» de la lame supérieure, garantit une coupure facile et précise du tissu. La deuxième lame est légèrement dentelée pour tenir le tissu. Ciseaux SuperCut peuvent être identifiées à une bague d'orée. Tous les autres ciseaux peuvent être fournis en version SuperCut sur demande. Les ciseaux SuperCut peuvent être fournis également non dentelés sur demande.

A través de un filo de "osteotomo" extremo agudo de una hoja es posible cortar facilmente precisamente el tejido. La segunda hoja tiene dientes muy suaves para evitar que se desliza el tejido. Las tijeras SuperCut se reconocen de un anillo dorado. Todas las otras tijeras pueden ser producidos en SuperCut segun demanda. Las tijeras SuperCut pueden ser producidos también sin dientes segun demanda.

La affilatura speciale della lama superiore a forma di osteotomo da' un taglio estremamente facile e preciso. Una leggera dentatura sulla seconda lama evita che il tessuto scivoli. Per distinguersi dalle altre forbici, le forbici SuperCut hanno un anello dorato. Se richiesto le forbici SuperCut si forniscono pure senza la zigrinatura su una lama. Se richiesto ogni altro modello di forbici può essere fornito con taglio SuperCut.

Chirurgische Scheren
Operating scissors

Ciseaux à chirurgie
Tijeras para cirugía
Forbici per chirurgia

SUPERCUT



Chirurgische Scheren
Operating scissors

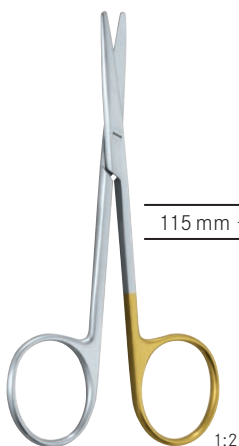
Ciseaux à chirurgie
Tijeras para cirugía
Forbici per chirurgia



METZENBAUM	1:2	1:2
145 mm - 5 ³ / ₄ "	tk 8323-14 SU	tk 8333-14 SU



METZENBAUM-NELSON	Fig. 1	Fig. 1
180 mm - 7"	tk 8343-18 SU	tk 8353-18 SU
200 mm - 8"	tk 8343-20 SU	tk 8353-20 SU
230 mm - 9"	tk 8343-23 SU	tk 8353-23 SU

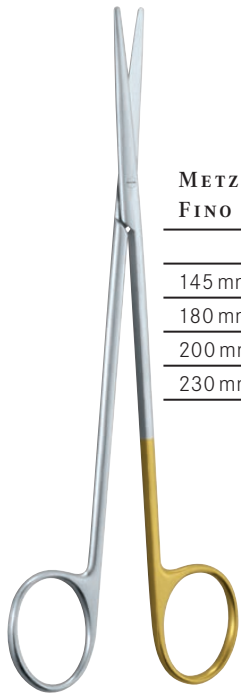


	1:2	1:2
115 mm - 4 ¹ / ₂ "	tk 9482-11 SU	tk 9483-11 SU

Chirurgische Scheren
Operating scissors

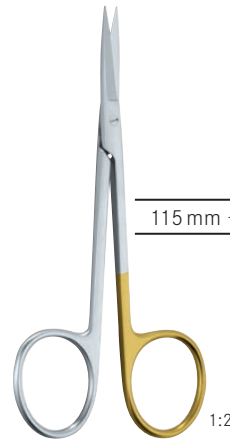
Ciseaux à chirurgie
Tijeras para cirugía
Forbici per chirurgia

SUPERCUT



METZENBAUM-FINO

	Fig. 1	Fig. 2
145 mm – 5¾"	tk 8372-14 SU	tk 8373-14 SU
180 mm – 7"	tk 8380-18 SU	tk 8381-18 SU
200 mm – 8"	tk 8380-20 SU	tk 8381-20 SU
230 mm – 9"	tk 8380-23 SU	tk 8381-23 SU



115 mm – 4½"

tk 9432-11 SU

tk 9434-11 SU



GOLDMANN-Fox

130 mm – 5"	tk 9922-13 SU	tk 9923-13 SU
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1:2

1:2

Chirurgische Scheren
Operating scissors

Ciseaux à chirurgie
Tijeras para cirugía
Forbici per chirurgia

SUPERCUT^{TK}



JOSEPH

140 mm – 5½"



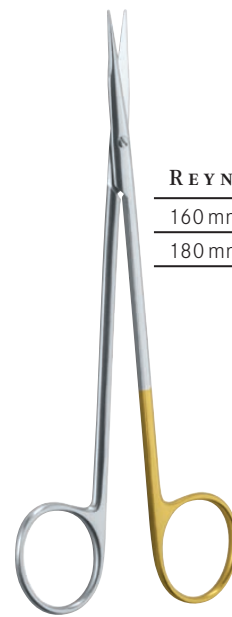
1:2

tk 8692-14 SU



1:2

tk 8693-14 SU



REYNOLDS

160 mm – 6¼"



tk 8602-16 SU



tk 8603-16 SU

180 mm – 7"

tk 8602-18 SU

tk 8603-18 SU



FOMON

130 mm – 5"

tk 9152-13 SU

1:2



STEVENS

100 mm – 4"



tk 9462-10 SU

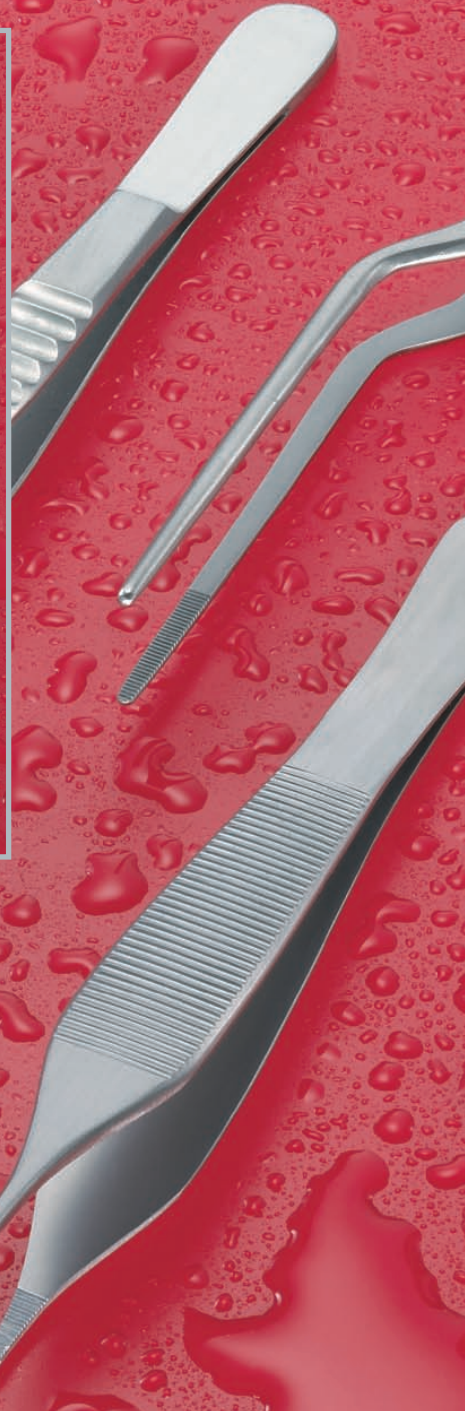


tk 9463-10 SU

110 mm – 4¼"

tk 9462-11 SU

tk 9463-11 SU



Pinzetten | Pincas
Forceps | *Pinzas*
Pinze

Anatomische Pinzetten
Dressing forceps

Pinces à dissection
Pinzas de disección
Pinzette anatomiche



STANDARD

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

schmal
narrow
étroite
estrecha
stretta

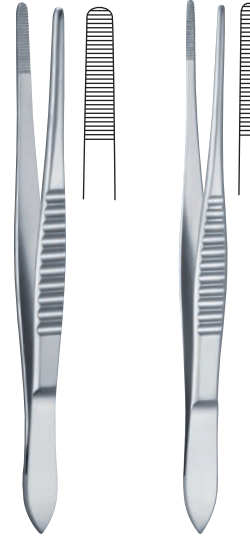
Anatomische Pinzetten
Dressing forceps

Pincers à dissection
Pinzas de disección
Pinzette anatomiche



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

kreuzgerieft
cross serated
striée
estriada
zigrinato a croce



Mod. USA

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

schmal
narrow
étroite
estrecha
stretta



STILLE

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



SEMKEN

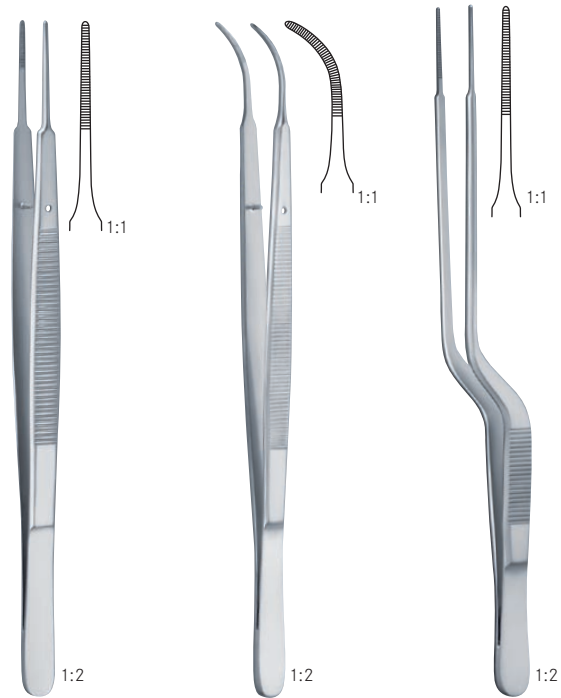
125 mm – 5"	tk 10300-12
150 mm – 6"	tk 10300-15

Anatomische Pinzetten
Dressing forceps

Pinces à dissection
Pinzas de disección
Pinzette anatomiche



TAYLOR	175 mm – 7"	tk 10310-17	tk 10312-17	tk 10313-17
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GERALD	180 mm – 7"	tk 10324-18	tk 10325-18	tk 10326-19
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Anatomische Pinzetten
Dressing forceps

Pinces à dissection
Pinzas de disección
Pinzette anatomiche



ADSON

120 mm – 4¾"	tk 10500-12
150 mm – 6"	tk 10500-15



MICRO-ADSON

120 mm – 4¾"	tk 10503-12
150 mm – 6"	tk 10503-15



ADSON

120 mm – 4¾"	tk 10509-12
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kreuzgerieft
cross serrated
striée
estriada
zigrinato a croce

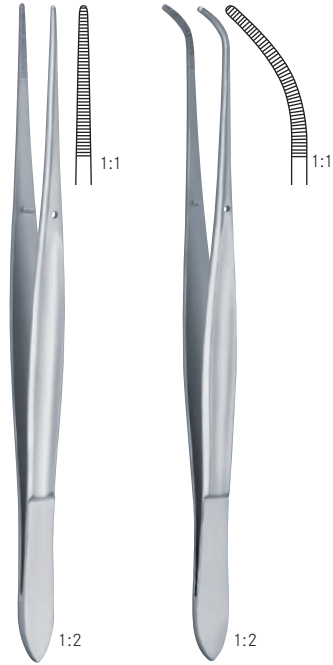


**HUDSON
(EWALD)**

120 mm – 4¾"	tk 10505-12
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Anatomische Pinzetten
Dressing forceps

Pinces à dissection
Pinzas de disección
Pinzette anatomiche



CUSHING

175 mm – 7"

tk 10400-17

tk 10401-17



MC INDOE

150 mm – 6"

tk 10550-15



BROPHY

200 mm – 8"

tk 10600-20

tk 10601-20



DUEHRSEN

200 mm – 8"

tk 10604-20

Anatomische Pinzetten
Dressing forceps

Pincès à dissection
Pinzas de disección
Pinzette anatomiche



WANGENSTEEN	
150 mm – 6"	tk 10608-15
230 mm – 9"	tk 10608-23



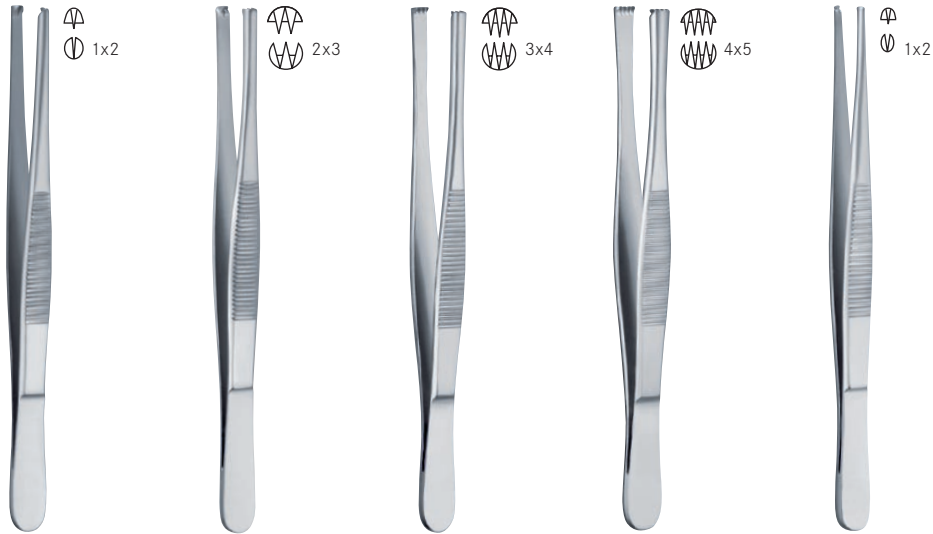
WAUGH	
150 mm – 6"	tk 10616-15
200 mm – 8"	tk 10616-20
250 mm – 9¾"	tk 10616-25



POTTS-SMITH		
180 mm – 7"	tk 10650-18	tk 10651-18
210 mm – 8¼"	tk 10650-21	tk 10651-21
250 mm – 9¾"	tk 10650-25	tk 10651-25

Chirurgische Pinzetten
Tissue forceps

Pinces à dissection à griffes
Pinzas de disección con dientes
Pinze chirurgiche



STANDARD

105 mm – 4¼"	tk 11000-10	tk 11034-10			
115 mm – 4½"	tk 11000-11	tk 11034-11			tk 11060-11
130 mm – 5"	tk 11000-13	tk 11034-13	tk 11043-13	tk 11054-13	tk 11060-13
145 mm – 5¾"	tk 11000-14	tk 11034-14	tk 11043-14	tk 11054-14	tk 11060-14
150 mm – 6"	tk 11000-15	tk 11034-15			
160 mm – 6¼"	tk 11000-16	tk 11034-16	tk 11043-16	tk 11054-16	tk 11060-16
180 mm – 7"	tk 11000-18	tk 11034-18			tk 11060-18
200 mm – 8"	tk 11000-20	tk 11034-20			tk 11060-20
250 mm – 9¾"	tk 11000-25	tk 11034-25	tk 11043-25		tk 11060-25
300 mm – 12"	tk 11000-30	tk 11034-30	tk 11043-30		
350 mm – 14"	tk 11000-35				

schmal
narrow
étroite
estrecha
stretta

Chirurgische Pinzetten
Tissue forceps

Pinces à dissection à griffes
Pinzas de disección con dientes
Pinze chirurgiche



STILLE

150 mm – 6"	tk 11065-15	tk 11067-15
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MOD. USA

120 mm – 4 ³ / ₄ "	tk 11080-12
130 mm – 5"	tk 11080-13
145 mm – 5 ³ / ₄ "	tk 11080-14
155 mm – 6"	tk 11080-15
185 mm – 7"	tk 11080-18
210 mm – 8"	tk 11080-21
250 mm – 9 ³ / ₄ "	tk 11080-25
310 mm – 12 ¹ / ₄ "	tk 11080-31



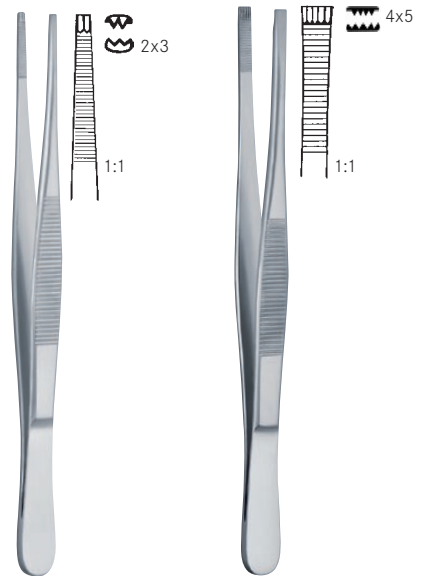
STONE

150 mm – 6"	tk 11083-15
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LERCHE

150 mm – 6"	tk 11085-15
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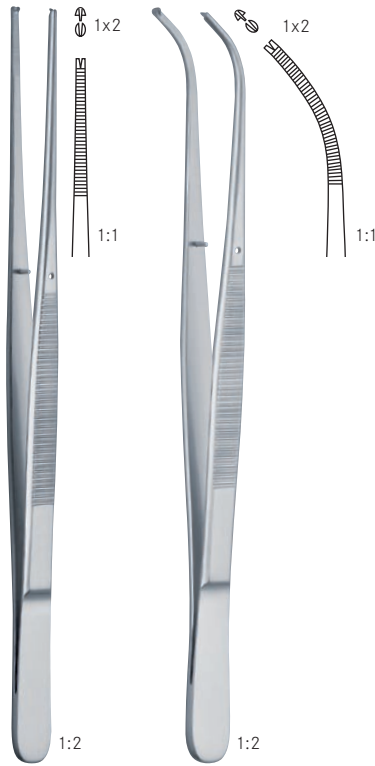


ADLERKREUTZ

150 mm – 6"	tk 11086-15	tk 11087-15
200 mm – 8"	tk 11086-20	tk 11087-20
250 mm – 9 ³ / ₄ "		tk 11087-25

Chirurgische Pinzetten
Tissue forceps

Pinces à dissection à griffes
Pinzas de disección con dientes
Pinze chirurgiche



BROPHY

200 mm – 8"	tk 11100-20	tk 11101-20
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POTTS-SMITH

180 mm – 7"	tk 11150-18	tk 11151-18
210 mm – 8¼"	tk 11150-21	tk 11151-21
250 mm – 9¾"	tk 11150-25	tk 11151-25

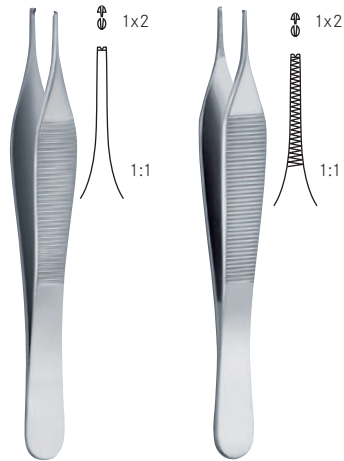


**HUDSON
(EWALD)**

120 mm – 4"	tk 11505-12
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Chirurgische Pinzetten
Tissue forceps

Pinces à dissection à griffes
Pinzas de disección con dientes
Pinze chirurgiche



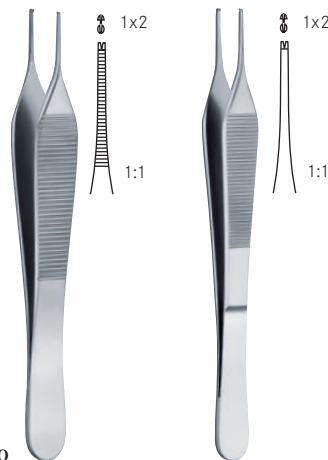
ADSON

120 mm – 4¾"	tk 11200-12	tk 11204-12
150 mm – 6"	tk 11200-15	



ADSON-
GRAEFE

120 mm – 4¾"	tk 11212-12
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ADSON-MICRO

120 mm – 4¾"	tk 11202-12	tk 11206-12
150 mm – 6"	tk 11202-15	tk 11206-15

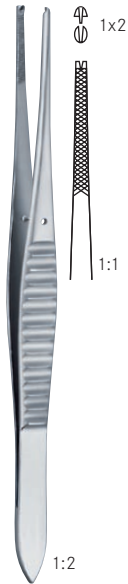


ADSON-
BROWN

120 mm – 4¾"	tk 11210-12	tk 11211-12
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Chirurgische Pinzetten
Tissue forceps

Pinces à dissection à griffes
Pinzas de disección con dientes
Pinze chirurgiche



GILLIES

150 mm – 6"

tk 11250-15



SEMKEN

125 mm – 5"

tk 11300-12

150 mm – 6"

tk 11300-15



DUVAL

145 mm – 5¾"

tk 11314-14



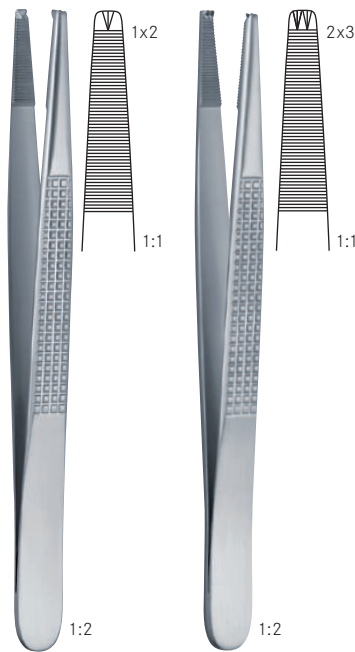
TREVES

125 mm – 5"

tk 11338-12

150 mm – 6"

tk 11338-15



BONNEY

175 mm – 7"

tk 11335-18

tk 11336-18



FERRIS-SMITH

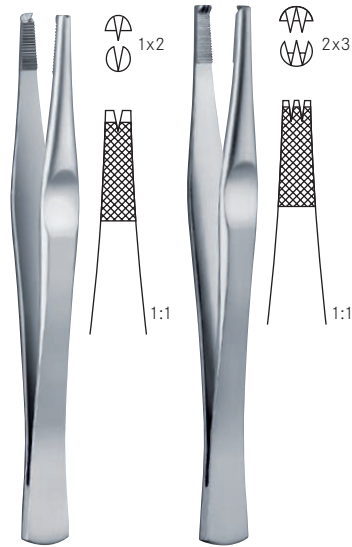
180 mm – 7"

tk 11320-18

tk 11322-18

Chirurgische Pinzetten
Tissue forceps

Pinces à dissection à griffes
Pinzas de disección con dientes
Pinze chirurgiche



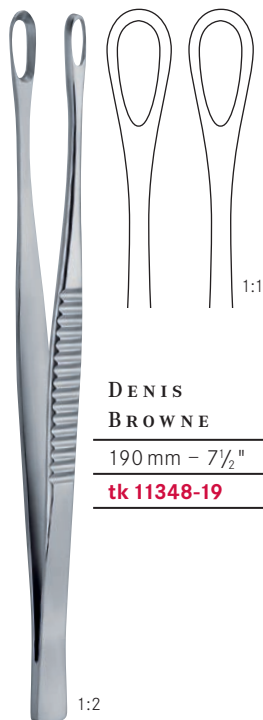
LANE

145 mm – 5½"	tk 11340-14	tk 11341-14
200 mm – 8"	tk 11340-20	tk 11341-20



BROWN

150 mm – 6"	tk 11343-15
200 mm – 8"	tk 11343-20
250 mm – 9¾"	tk 11343-25



**DENIS
BROWNE**

190 mm – 7½"	tk 11348-19
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WAUGH

150 mm – 6"	tk 11349-15
200 mm – 8"	tk 11349-20
250 mm – 9¾"	tk 11349-25

Chirurgische Pinzetten
Tissue forceps

Pinces à dissection à griffes
Pinzas de disección con dientes
Pinze chirurgiche



STILLE-BARRAYA

180 mm – 7"	tk 11330-18
200 mm – 8"	tk 11330-20
250 mm – 9¾"	tk 11330-25



TAYLOR

175 mm – 7"	tk 11350-17	tk 11352-17	tk 11353-17
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GERALD

170 mm – 6¾"	tk 11356-17	tk 11357-17	
180 mm – 7"			tk 11359-18

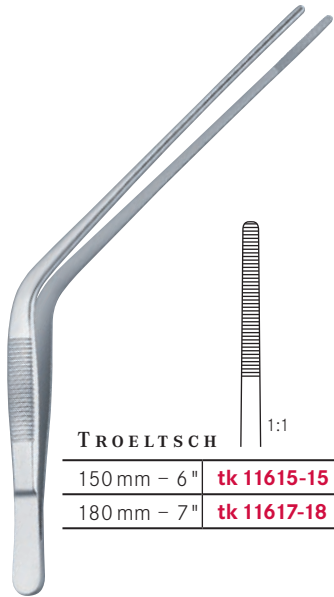


CUSHING

170 mm – 6¾"	tk 11400-17	tk 11401-17
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Ohr- und Nasenpinzetten
Ear and nose dressing forceps

Pinces auriculaires et nasaux
Pinzas auriculares y nasales
Pinze auricolari e nasali



TROELTSCH

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



TROELTSCH
(WILDE)

110 mm – 4¼"	tk 11601-11	
120 mm – 4¾"	tk 11603-12	
130 mm – 5"		tk 11608-13



LUCAE

140 mm – 5½"	tk 11605-14
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gekreuzt
cross action
croisé
cruzado
crociato



JANSEN

160 mm – 6¼"	tk 11609-16
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JANSEN

160 mm – 6¼"	tk 11607-16
200 mm – 8"	tk 11607-20



COTTLE

145 mm – 5¾"	tk 11629-14
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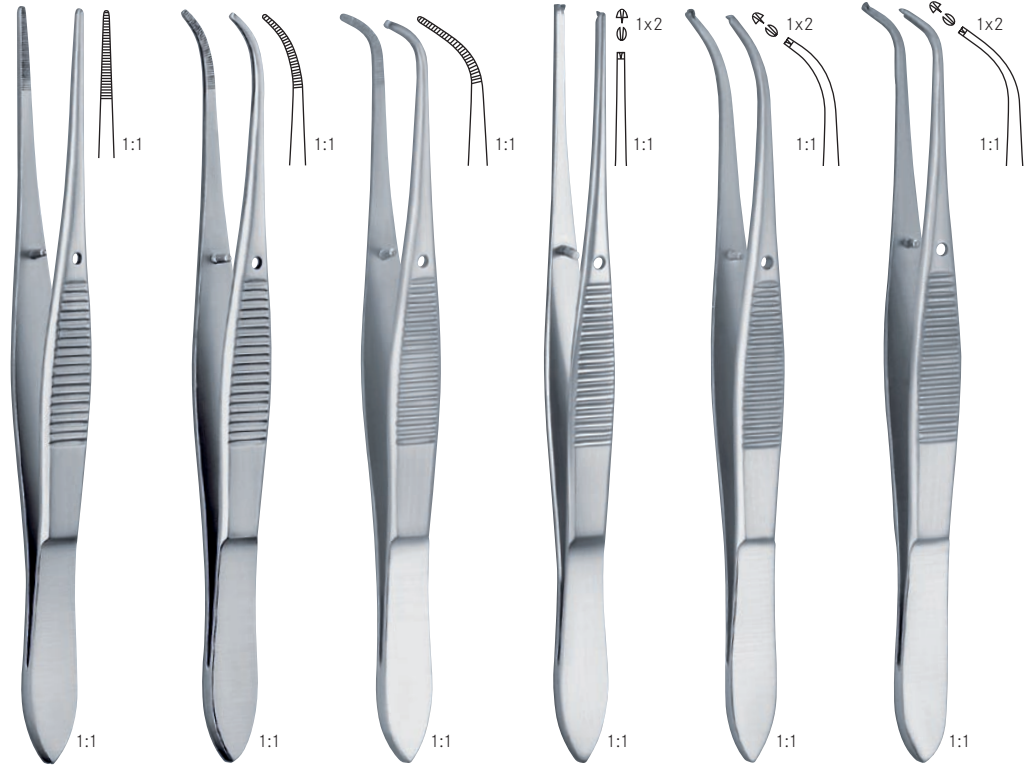


Columella Pinzette
Columella forceps

Pince à columella
Pinza para columella
Pinze per columella

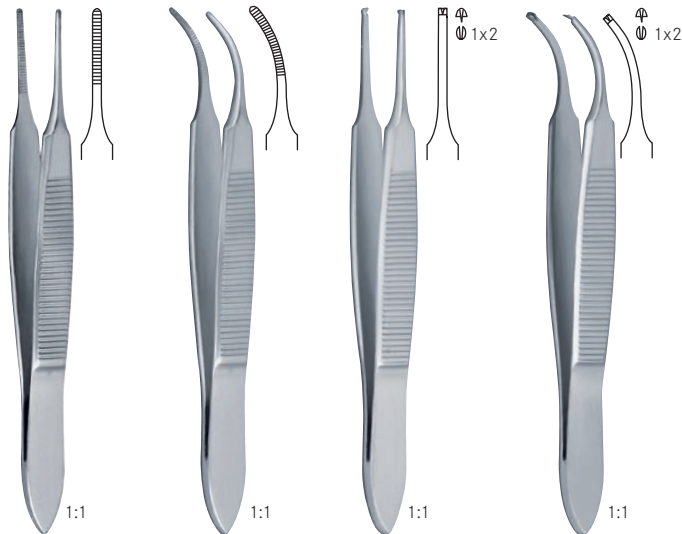
Irispinzetten
Iris forceps

Pinces à iridectomie
Pinzas para Iris
Pinze per iridectomia



GRAEFE

105 mm – 4 1/4"	tk 11700-10	tk 11701-10	tk 11703-10	tk 11730-10	tk 11731-10	tk 11733-10
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GRAEFE

	70 mm – 2 3/4"	70 mm – 2 3/4"	70 mm – 2 3/4"	70 mm – 2 3/4"
0.7 mm	tk 11750-07	tk 11751-07	tk 11780-07	tk 11781-07
1.0 mm	tk 11750-10	tk 11751-10	tk 11780-10	tk 11781-10

Feine Pinzetten
Forceps – fine patterns

Pinces – modèles fines
Pinzas – modelos finos
Pinze – modelli fini



90 mm – 3½"	tk 11740-09	tk 11741-09
105 mm – 4¼"	tk 11740-10	tk 11741-10
115 mm – 4½"	tk 11740-11	tk 11741-11
125 mm – 5"	tk 11740-12	tk 11741-12

glatt
smooth
lisse
lisa
liscio



90 mm – 3½"	tk 11742-09	tk 11743-09
105 mm – 4¼"	tk 11742-10	tk 11743-10
115 mm – 4½"	tk 11742-11	tk 11743-11
125 mm – 5"	tk 11742-12	tk 11743-12

gerieft
serrated
striée
estriada
zigrinato

Fasspinzetten
Grasping forceps

Pinces à saisir
Pinzas para coger
Pinze da presa



DURANTE

145 mm – 5¾"	tk 11910-14
160 mm – 6¼"	tk 11910-16
200 mm – 8"	tk 11910-20



RUSS. MODELL

150 mm – 6"	tk 11920-15
200 mm – 8"	tk 11920-20
250 mm – 9¾"	tk 11920-25
300 mm – 11¾"	tk 11920-30



MAYO-RUSS.

230 mm – 9"	tk 11915-23
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NELSON

230 mm – 9"	tk 11918-23
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SINGLEY-TUTTLE

180 mm – 7"	tk 11917-18
230 mm – 9"	tk 11917-23
350 mm – 14"	tk 11917-35



COLLIN-DUVAL

200 mm – 8"	tk 11927-01
x = 14 mm	

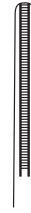
x = 18 mm	tk 11927-02
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x = 27 mm	tk 11927-03
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Atraumatische Pinzetten
Atraumatic tissue forceps

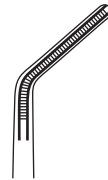
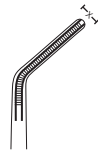
Pinces atraumatiques
Pinzas de disección atraumáticas
Pinze per dissezione atraumatiche

ATRAUMTK



DE BAKEY

	x = 1.5 mm	x = 2.0 mm	x = 2.7 mm	x = 3.5 mm
120 mm – 4¾"	tk 11960-12			
145 mm – 5¾"	tk 11960-14	tk 11964-14		
160 mm – 6¼"	tk 11960-16	tk 11964-16	tk 11966-16	tk 11965-16
200 mm – 8"	tk 11960-20	tk 11964-20	tk 11966-20	tk 11965-20
240 mm – 9½"	tk 11960-24	tk 11964-24	tk 11966-24	tk 11965-24
300 mm – 12"		tk 11964-30	tk 11966-30	tk 11965-30
350 mm – 14"				tk 11965-35



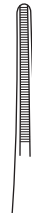
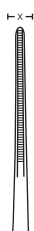
	x = 1.5 mm	x = 2.0 mm
145 mm – 5¾"	tk 11967-14	
160 mm – 6¼"		tk 11967-16
200 mm – 8"		tk 11967-20
240 mm – 9½"		tk 11967-24
300 mm – 12"		tk 11967-30

Atraumatische Pinzetten
Atraumatic tissue forceps

Pinces atraumatiques
Pinzas de disección atraumáticas
Pinze per dissezione atraumatiche

TITAN^{TK}

ATRAUM^{TK}

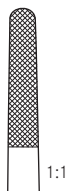


DE BAKEY

	x = 1.2 mm	x = 1.5 mm	x = 1.8 mm	x = 2.0 mm	x = 2.8 mm
160 mm – 6¼"	tk 11970-16	tk 11971-16	tk 11972-16	tk 11975-16	tk 11976-16
200 mm – 8"	tk 11970-20	tk 11971-20	tk 11972-20	tk 11975-20	tk 11976-20
240 mm – 9½"	tk 11970-24	tk 11971-24	tk 11972-24	tk 11975-24	tk 11976-24

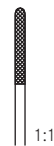
Anatomische Pinzetten
Dressing forceps

Pinces à dissection
Pinzas de disección
Pinze anatomiche



STANDARD

145 mm – 5¾"	tk 11977-14
200 mm – 8"	tk 11977-20
250 mm – 9¾"	tk 11977-25
300 mm – 12"	tk 11977-30



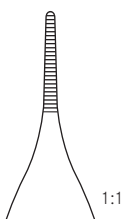
MC INDOE

150 mm – 6"	tk 11640-15
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POTTS-SMITH

180 mm – 7"	tk 11652-18
210 mm – 8¼"	tk 11652-21
250 mm – 9¾"	tk 11652-25



ADSON

120 mm – 4¾"	tk 10502-12
150 mm – 6"	tk 10502-15



WANGENSTEEN

150 mm – 6"	tk 10610-15
230 mm – 9"	tk 10610-23



CUSHING

175 mm – 7"	tk 10402-17
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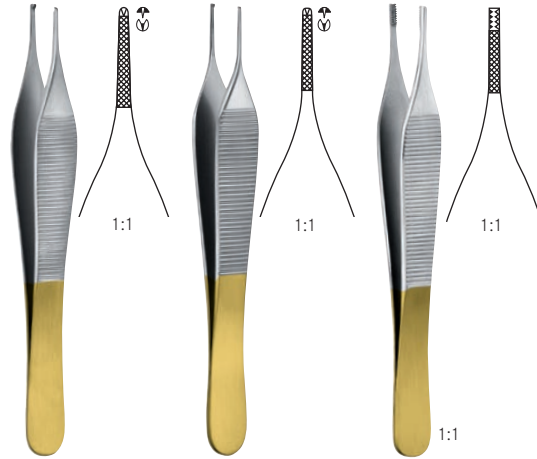


TAYLOR

180 mm – 7"	tk 10415-18
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Chirurgische Pinzetten
Tissue forceps

Pinces à dissection à griffes
Pinzas de disección con dientes
Pinze chirurgiche



ADSON		ADSON-MICRO		ADSON-BROWN	
120 mm – 4¾"	tk 10504-12	tk 10506-12		tk 10508-12	
150 mm – 6"	tk 10504-15	tk 10506-15			



GILLIES	
150 mm – 6"	tk 11638-15



OEHLER		
140 mm – 5½"	160 mm – 4¼"	180 mm – 7"
tk 11690-14	tk 11690-16	tk 11690-18

200 mm – 8"	250 mm – 9¾"	300 mm – 12"
tk 11690-20	tk 11690-25	tk 11690-30

Atraumatische Pinzetten
Atraumatic tissue forceps

Pinces atraumatiques
Pinzas de disección atraumáticas
Pinze per dissezione atraumatiche

ATRAUMTK

TUCARK



DE BAK EY

	x = 1.5 mm	x = 2.0 mm
150 mm – 6"	tk 11968-15	tk 11969-15
190 mm – 7½"	tk 11968-19	tk 11969-19
240 mm – 9½"	tk 11968-24	tk 11969-24

Splitterpinzetten
Splinter forceps

Pinces à échardes
Pinzas para espinas
Pinze fini per schegge



FEILCHENFELD

75 mm - 3"	tk 11500-08
90 mm - 3½"	tk 11500-09
115 mm - 4½"	tk 11500-11

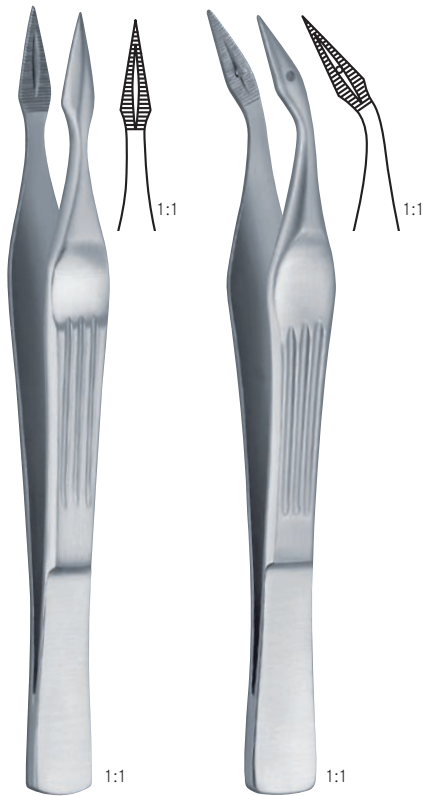


HUNTER

105 mm - 4¼"	tk 11520-10	tk 11521-10
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Splitterpinzetten
Splinter forceps

Pinces à échardes
Pinzas para espinas
Pinze fini per schegge



**WALTER-
CARMALT**

105 mm – 4 1/4"

tk 11530-10

tk 11531-10



80 mm – 3 1/4"

tk 11533-12



100 mm – 4"

tk 11540-10

125 mm – 5"

tk 11540-12

Cilienpinzetten
Cilia forceps

Pinces à épiler
Pinzas depilatorias
Pinze per depilazione



BEER
90 mm - 3 1/2"
tk 11834-09



DOUGLAS
90 mm - 3 1/2" **tk 11836-09** **tk 11838-09**



LITTAUER
85 mm - 3 1/4" **tk 11840-09**
90 mm - 3 1/2" **tk 11841-09**



GRADLE
95 mm - 3 3/4"
tk 11846-09

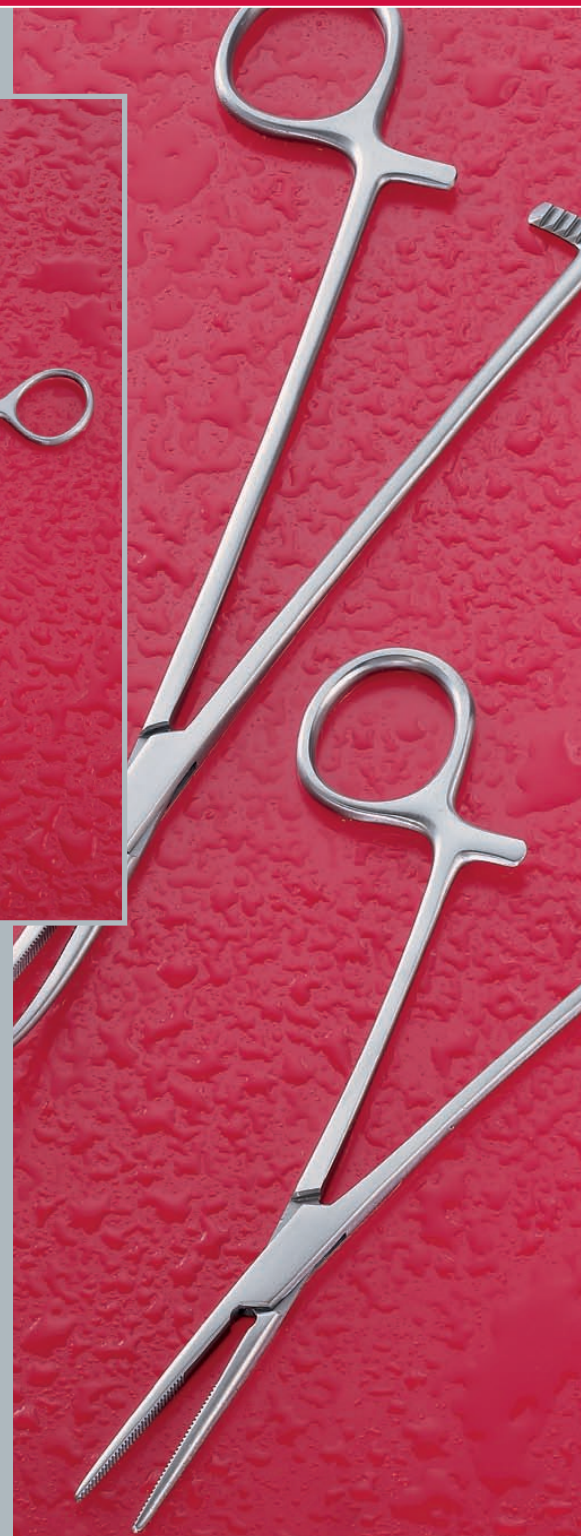


BARRAQUER
105 mm - 4 1/4"
tk 11860-10



Arterienklemmen
Haemostatic forceps

Pinces hémostatiques
Pinzas hemostáticas
 Pinze emostatiche



Gefäßklemmen
Haemostatic forceps

Serre-fines
Serrafinas
Serrafine



DIEFFENBACH

35 mm – 1½"	tk 11930-03	tk 11931-03
50 mm – 2"	tk 11930-05	tk 11931-05
60 mm – 2¼"	tk 11930-06	tk 11931-06

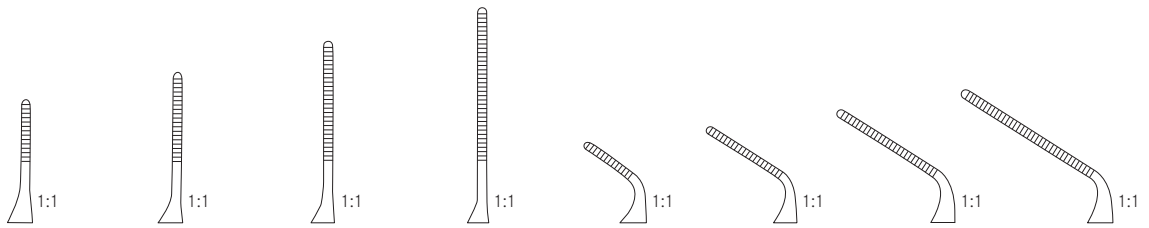


JOHNS HOPKINS

50 mm – 2"	tk 11935-05
65 mm – 2½"	tk 11935-06
75 mm – 3"	tk 11935-07



DIETRICH



x=	50 mm – 2"	50 mm – 2"	50 mm – 2"	60 mm – 2¼"	50 mm – 2"	50 mm – 2"	50 mm – 2"	60 mm – 2¼"
y=	8 mm	12 mm	16 mm	20 mm	8 mm	12 mm	16 mm	20 mm
	tk 11940-08	tk 11940-12	tk 11940-16	tk 11940-20	tk 11941-08	tk 11941-12	tk 11941-16	tk 11941-20

x = Länge y = geriefte Maullänge
 Length serrated jaw part
 Longueur partie striée du mors
 Longitud parte estriada de la boca
 Lunghezza morso zigrinato



Atraumatische Klemmen sind abgebildet von Seite 383 bis 418

Atraumatic forceps, please see the pages 383 to 418

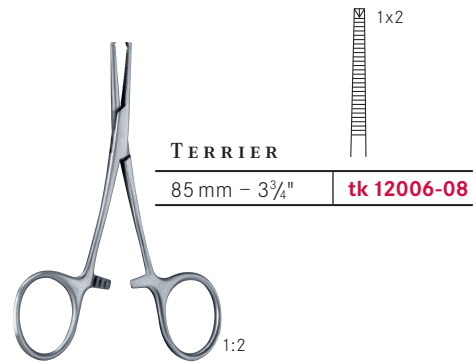
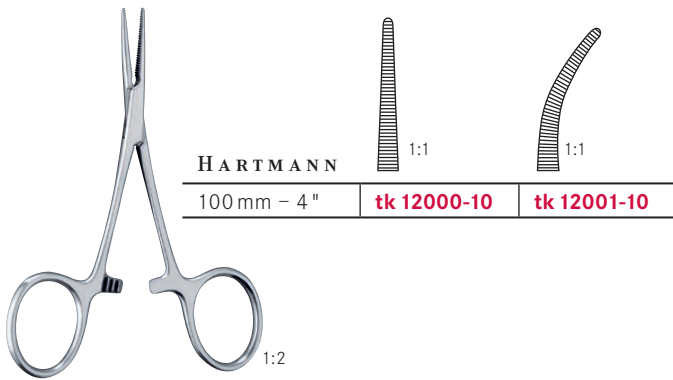
Pinces atraumatiques, voire pages 383 à 418





Pinzas atraumáticas, ver paginas 383 a 418

Pinze atraumatiche, vedete pagina 383 a 418

Arterienklemmen
Haemostatic forceps

Pinces hémostatiques
Pinzas hemostáticas
Pinze emostatiche



HALSTED- MOSQUITO				
	125 mm – 5"	tk 12010-12	tk 12011-12	tk 12012-12
140 mm – 5 ¹ / ₂ "	tk 12010-14	tk 12011-14	tk 12012-14	tk 12013-14
			1x2	1x2
125 mm – 5"	tk 12110-12	tk 12111-12	tk 12112-12	tk 12113-12
Titan <i>Titanium</i> Titane <i>Titanio</i> Titanio			1x2	1x2



Arterienklemmen
Haemostatic forceps

Pinces hémostatiques
Pinzas hemostáticas
Pinze emostatiche



MICRO-
MOSQUITO

100 mm – 4"	tk 12020-10	tk 12021-10	tk 12022-10	tk 12023-10
120 mm – 4 3/4"	tk 12020-12	tk 12021-12	tk 12022-12	tk 12023-12

1x2

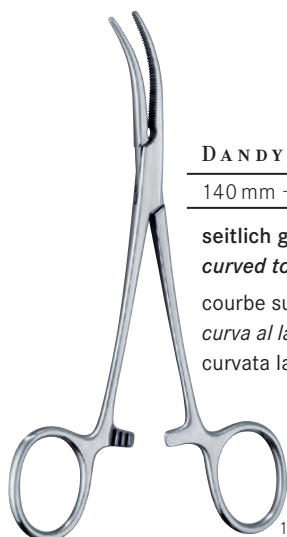
1x2



PROVIDENCE-
HOSPITAL

140 mm – 5 1/2"	tk 12020-14	tk 12021-14
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1:2



DANDY

140 mm – 5 1/2"	tk 12030-14	tk 12032-14
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seitlich gebogen
curved to the side
courbe sur le plat
curva al lado
curvata lateralmente

1x2



MOSQUITO-
DANDY

120 mm – 4 3/4"	tk 12031-12
-----------------	-------------

seitlich gebogen
curved to the side
courbe sur le plat
curva al lado
curvata lateralmente

1:2

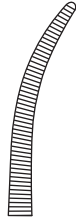
Arterienklemmen
Haemostatic forceps

Pinces hémostatiques
Pinzas hemostáticas
Pinze emostatiche



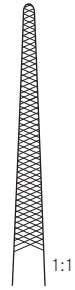
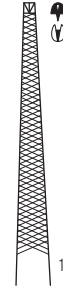
CHRISTOPHE

130 mm – 4 "	tk 12039-13
150 mm – 6 "	tk 12039-15



LOVELACE

155 mm – 6 "	tk 12195-15	tk 12196-15
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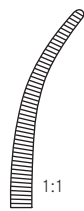
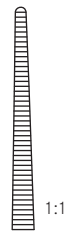


1x2



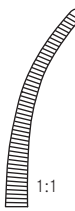
LERICHE

150 mm – 6 "	tk 12034-15	tk 12035-15
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LERICHE

150 mm – 6 "	tk 12036-15	tk 12037-15
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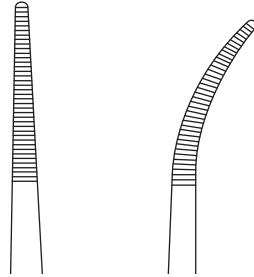


1x2

1x2

Arterienklemmen
Haemostatic forceps

Pinces hémostatiques
Pinzas hemostáticas
Pinze emostatiche



KELLY

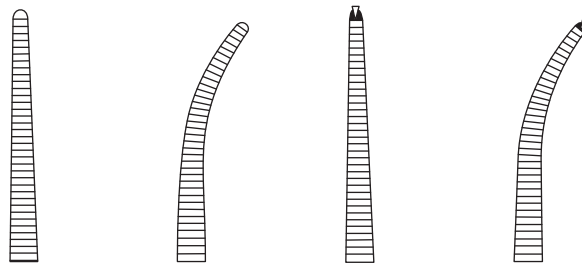
140 mm – 5½"	tk 12040-14	tk 12041-14
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KELLY-RANKIN

160 mm – 6¼"	tk 12040-16	tk 12041-16
--------------	-------------	-------------

KELLY

140 mm – 5½"	tk 12140-14	tk 12141-14
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CRILE

140 mm – 5½"	tk 12050-14	tk 12051-14	tk 12052-14	tk 12053-14
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1x2

1x2

CRILE-RANKIN

160 mm – 6¼"	tk 12050-16	tk 12051-16	tk 12054-16	tk 12055-16
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1x2

1x2

CRILE

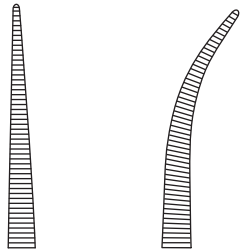
140 mm – 5½"	tk 12250-14	tk 12251-14
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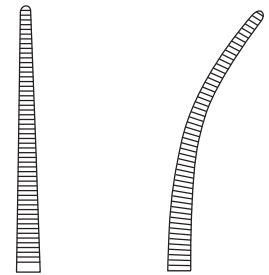
Arterienklemmen
Haemostatic forceps
Pinces hémostatiques
Pinzas hemostáticas
Pinze emostatiche

COLLER

140 mm – 5½"	tk 12056-14	tk 12057-14
160 mm – 6¼"	tk 12056-16	tk 12057-16


PÉAN

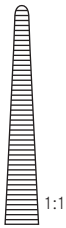
130 mm – 5"	tk 12058-13	tk 12059-13
140 mm – 5½"	tk 12058-14	tk 12059-14
160 mm – 6¼"	tk 12058-16	tk 12059-16



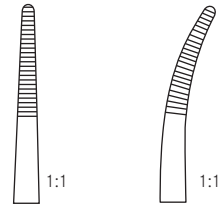
graziles Modell
delicate pattern
 modèle délicat
 modelo delicado
 modello delicato


DUNHILL

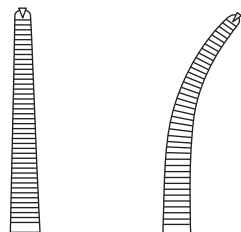
125 mm – 5"	tk 12268-12
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CAIRNS

150 mm – 6"	tk 12269-01	tk 12269-02
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KOCHER

130 mm – 5"	tk 12078-13	tk 12079-13
140 mm – 5½"	tk 12078-14	tk 12079-14
160 mm – 6¼"	tk 12078-16	tk 12079-16



graziles Modell
delicate pattern
 modèle délicat
 modelo delicado
 modello delicato

Arterienklemmen
Haemostatic forceps

Pinces hémostatiques
Pinzas hemostáticas
Pinze emostatiche



PÉAN-FINO	1:1	1:1	1:1	1:1	1:1	1:1
	145 mm – 5 3/4"	165 mm – 6 1/2"	185 mm – 7 1/4"	140 mm – 5 1/2"	160 mm – 6 1/4"	180 mm – 7"
tk 12062-14	tk 12062-16	tk 12062-18	tk 12063-14	tk 12063-16	tk 12063-18	



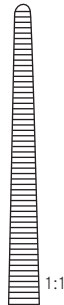

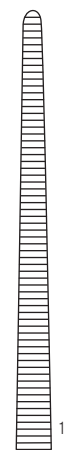
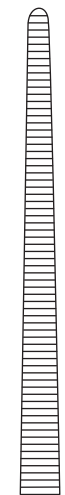

KOCHER-FINO	1:1	1:1	1:1	1:1	1:1	1:1
	145 mm – 5 3/4"	165 mm – 6 1/2"	185 mm – 7 1/4"	145 mm – 5 3/4"	160 mm – 6 1/4"	180 mm – 7"
tk 12082-14	tk 12082-16	tk 12082-18	tk 12083-14	tk 12083-16	tk 12083-18	
1x2	1x2	1x2	1x2	1x2	1x2	


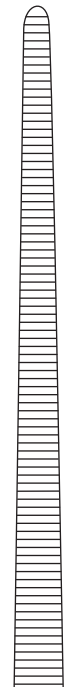


Arterienklemmen
Haemostatic forceps

Pinces hémostatiques
Pinzas hemostáticas
Pinze emostatiche



ROCHESTER-
PÉAN

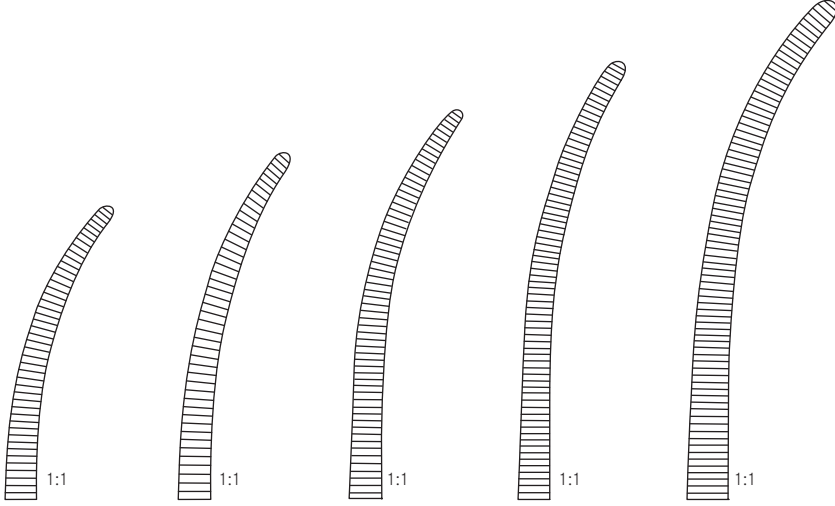
				
140 mm – 5½"	160 mm – 6¼"	180 mm – 7"	200 mm – 8"	220 mm – 8¾"
tk 12060-14	tk 12060-16	tk 12060-18	tk 12060-20	tk 12060-22

			
240 mm – 9½"	260 mm – 10¼"	300 mm – 12"	350 mm – 14"
tk 12060-24	tk 12060-26	tk 12060-30	tk 12060-35

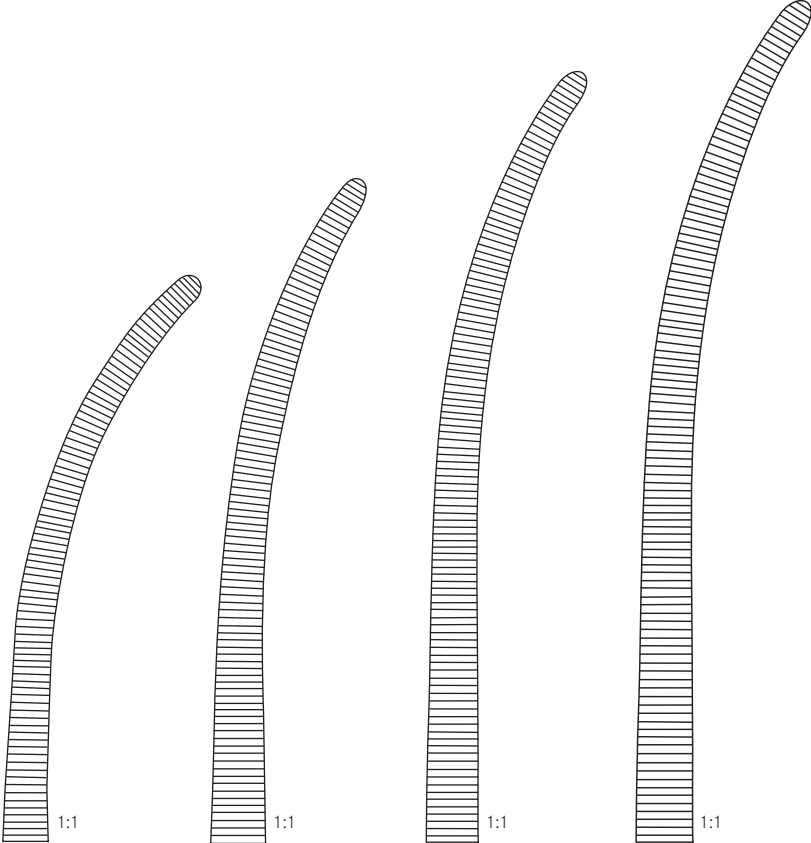
Arterienklemmen
Haemostatic forceps

Pinces hémostatiques
Pinzas hemostáticas
Pinze emostatiche

ROCHESTER-
PÉAN



140 mm – 5½"	160 mm – 6¼"	180 mm – 7"	200 mm – 8"	220 mm – 8¾"
tk 12061-14	tk 12061-16	tk 12061-18	tk 12061-20	tk 12061-22








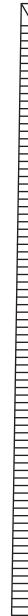
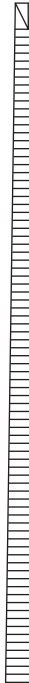

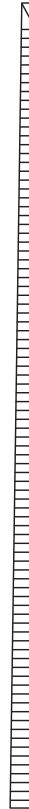
240 mm – 9½"	260 mm – 10¼"	300 mm – 12"	350 mm – 14"
tk 12061-24	tk 12061-26	tk 12061-30	tk 12061-35

Arterienklemmen
Haemostatic forceps

Pinces hémostatiques
Pinzas hemostáticas
Pinze emostatiche



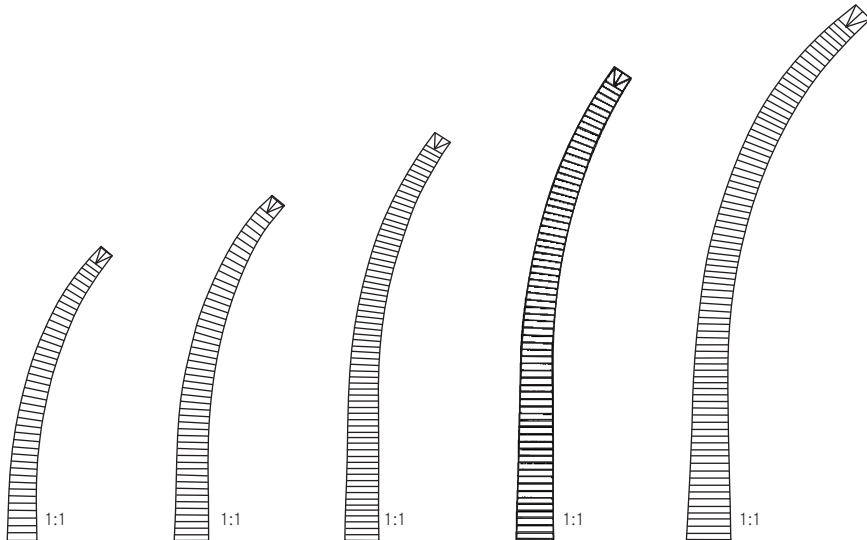
OCHSNER-
KOCHER

				
1:1	1:1	1:1	1:1	1:1
140 mm – 5½"	160 mm – 6¼"	180 mm – 7"	200 mm – 8"	220 mm – 8¾"
tk 12080-14	tk 12080-16	tk 12080-18	tk 12080-20	tk 12080-22
1x2	1x2	1x2	1x2	1x2
				
1:1	1:1	1:1	1:1	
240 mm – 9½"	260 mm – 10¼"	300 mm – 12"	300 mm – 14"	
tk 12080-24	tk 12080-26	tk 12080-30	tk 12080-35	
1x2	1x2	1x2	1x2	

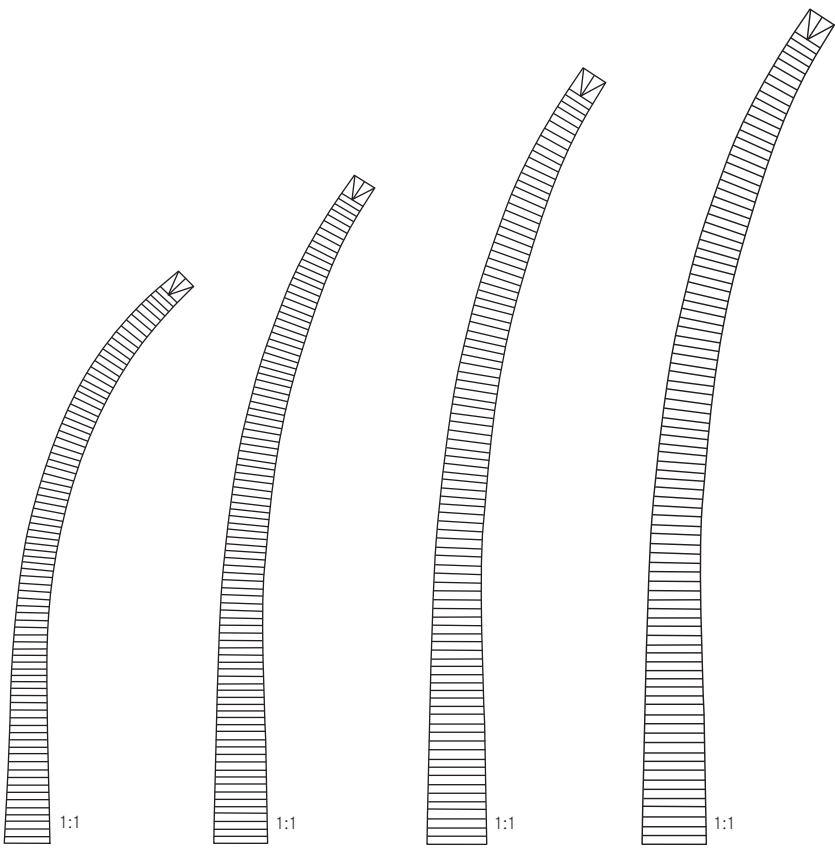
Arterienklemmen
Haemostatic forceps

Pinces hémostatiques
Pinzas hemostáticas
Pinze emostatiche

OCHSNER-KOCHER



140 mm – 5½"	160 mm – 6¼"	180 mm – 7"	200 mm – 8"	220 mm – 8¾"
tk 12081-14	tk 12081-16	tk 12081-18	tk 12081-20	tk 12081-22
1x2	1x2	1x2	1x2	1x2



240 mm – 9½"	260 mm – 10¼"	300 mm – 12"	350 mm – 14"
tk 12081-24	tk 12081-26	tk 12081-30	tk 12081-35
1x2	1x2	1x2	1x2

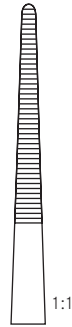
Arterienklemmen
Haemostatic forceps

Pinces hémostatiques
Pinzas hemostáticas
Pinze emostatiche

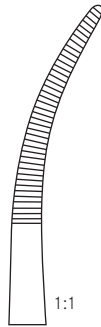


BIRKET

190 mm – 7½"



1:1



1:1

tk 12094-19

tk 12095-19



BAINBRIDGE

150 mm – 6"



tk 12120-15

tk 12121-15

185 mm – 7¼"

tk 12120-18

tk 12121-18

Arterienklemmen
Haemostatic forceps

Pinces hémostatiques
Pinzas hemostáticas
Pinze emostatiche



PÉAN

140 mm – 5½"	tk 12150-14
160 mm – 6¼"	tk 12150-16



ROCHESTER-CARMALT

160 mm – 6¼"	tk 12170-16	tk 12171-16
200 mm – 8"	tk 12170-20	tk 12171-20

Arterienklemmen
Haemostatic forceps

Pinces hémostatiques
Pinzas hemostáticas
Pinze emostatiche



CHAPUT

130 mm – 5"

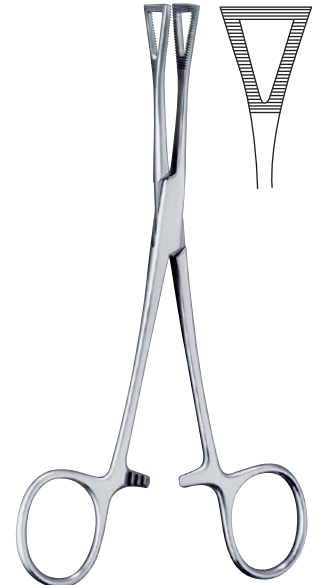
tk 12156-13



TUFFIER

130 mm – 5"

tk 12158-13



PENNINGTON

155 mm – 6"

tk 12160-15

200 mm – 8"

tk 12160-20



COLLIN

140 mm – 5 1/2"

tk 12162-14



PRATT

150 mm – 6"

tk 12172-15



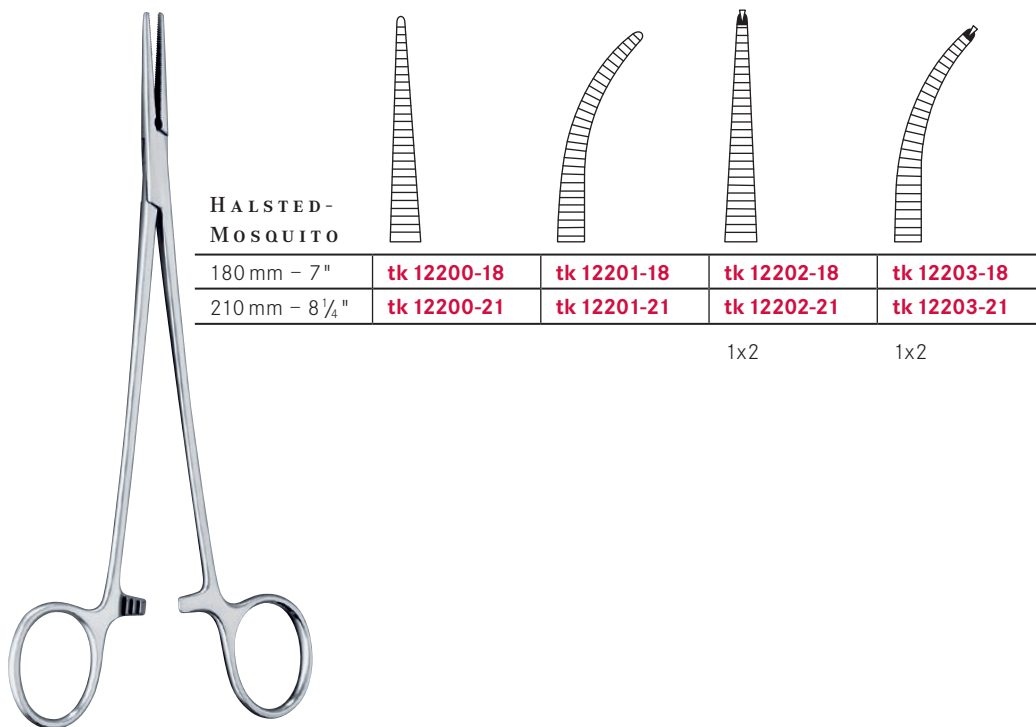
MARTEL

140 mm – 5 1/2"

tk 12174-14

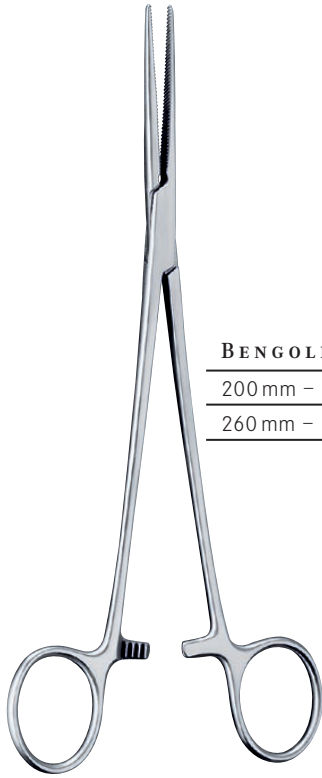
Arterienklemmen
Haemostatic forceps

Pinces hémostatiques
Pinzas hemostáticas
Pinze emostatiche



Arterienklemmen
Haemostatic forceps

Pinces hémostatiques
Pinzas hemostáticas
Pinze emostatiche



BENGOLEA

200 mm – 8"	tk 12205-20	tk 12206-20	tk 12207-20	tk 12208-20
260 mm – 10¼"	tk 12205-26	tk 12206-26	tk 12207-26	tk 12208-26
			1x2	1x2



ADSON

185 mm – 7¼"	tk 12210-18	tk 12211-18	tk 12212-18	tk 12213-18
			1x2	1x2

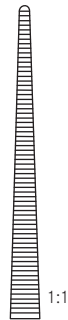
Arterienklemmen
Haemostatic forceps

Pinces hémostatiques
Pinzas hemostáticas
Pinze emostatiche



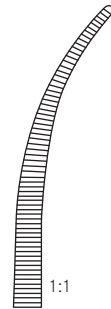
HEISS

200 mm – 8"



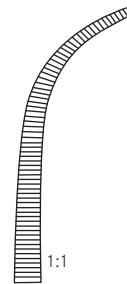
1:1

tk 12230-20



1:1

tk 12231-20



1:1

tk 12233-20

Arterienklemmen
Haemostatic forceps

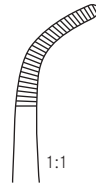
Pinces hémostatiques
Pinzas hemostáticas
Pinze emostatiche



BABY-MIXTER

140 mm – 5½"

180 mm – 7"



tk 12220-14

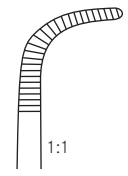
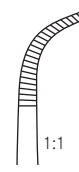
tk 12220-18



BABY-ADSON

140 mm – 5½"

180 mm – 7"



tk 12221-14

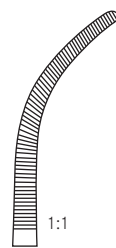
tk 12221-18



BABY-OVERHOLT

135 mm – 5¼"

tk 12287-14

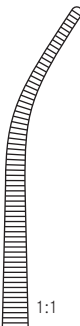
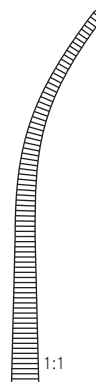
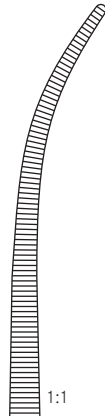


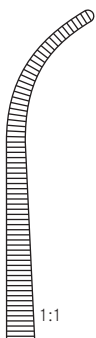
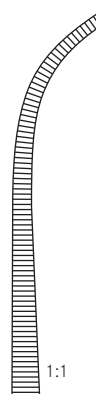
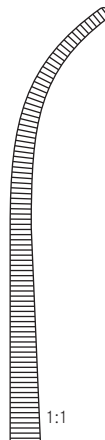
1:2

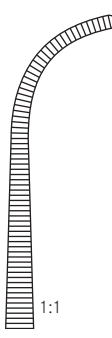
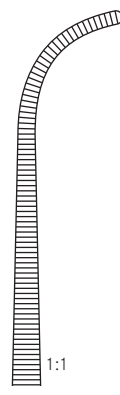
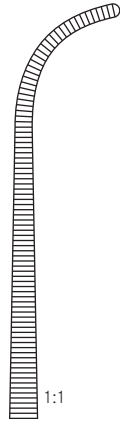
Arterienklemmen
Haemostatic forceps

Pinces hémostatiques
Pinzas hemostáticas
Pinze emostatiche



KELLY-FRASER			
	1:1	1:1	1:1
	Fig. 1	Fig. 1	Fig. 1
	195 mm – 7 3/4"	225 mm – 8 3/4"	245 mm – 9 3/4"
	tk 12223-19	tk 12223-22	tk 12223-24

		
1:1	1:1	1:1
Fig. 2	Fig. 2	Fig. 2
190 mm – 7 1/2"	220 mm – 8 3/4"	240 mm – 9 1/2"
tk 12225-19	tk 12225-22	tk 12225-24

		
1:1	1:1	1:1
Fig. 3	Fig. 3	Fig. 3
185 mm – 7 1/4"	215 mm – 8 1/2"	235 mm – 9 1/4"
tk 12227-19	tk 12227-22	tk 12227-24

Arterienklemmen
Haemostatic forceps

Pinces hémostatiques
Pinzas hemostáticas
Pinze emostatiche



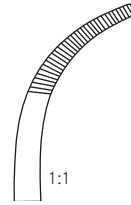
SCHNIDT

190 mm – 7 1/2"



1:1

tk 12241-19



1:1

tk 12243-19

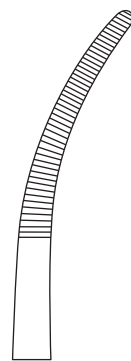


TOENNIS

210 mm – 8 1/4"



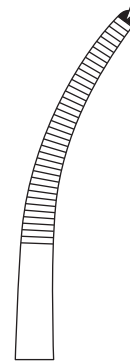
tk 12250-21



tk 12251-21



tk 12252-21



tk 12253-21

260 mm – 10 1/4"

tk 12250-26

tk 12251-26

tk 12252-26

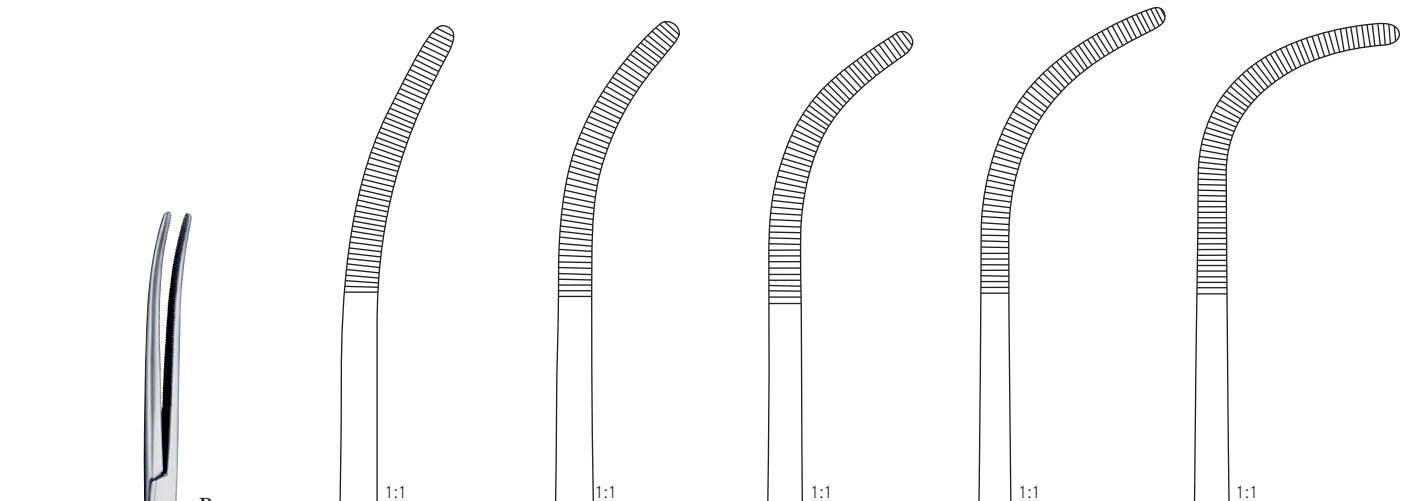
tk 12253-26

1x2

1x2

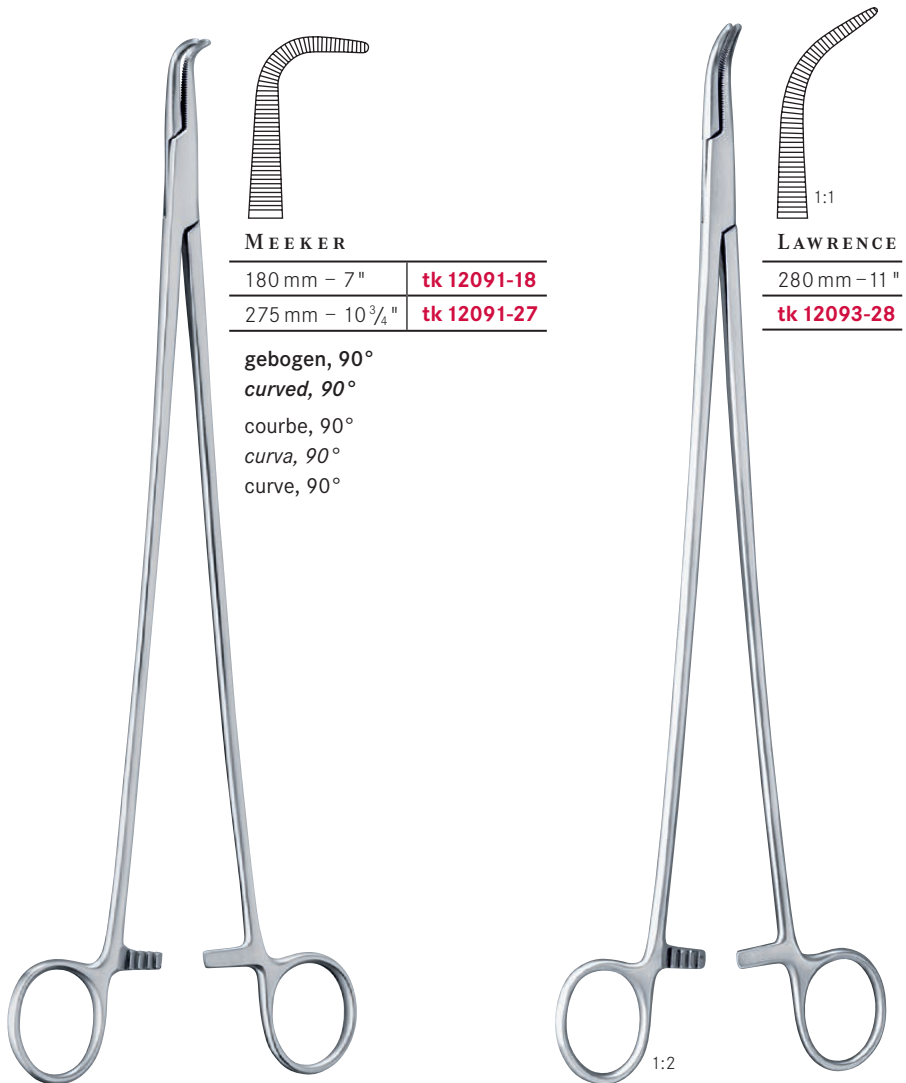
Arterienklemmen
Haemostatic forceps

Pinces hémostatiques
Pinzas hemostáticas
Pinze emostatiche



RUMEL

	Fig. 1	Fig. 2	Fig. 3	Fig. 4	Fig. 5
230 mm – 9"	tk 12261-23	tk 12262-23	tk 12263-23	tk 12264-23	tk 12265-23

MEEKER

180 mm – 7"	tk 12091-18
275 mm – 10 ³ / ₄ "	tk 12091-27

gebogen, 90°
curved, 90°
courbe, 90°
curva, 90°
curve, 90°

LAWRENCE

280 mm – 11"	tk 12093-28
--------------	--------------------

1:1

1:2

Präparier- und Ligaturklemmen
Dissecting and ligature forceps

Pinces à disséquer et à sutures
Pinzas para preparación y suturas
Pinze per preparazioni e suture



OVERHOLT-
GEISSENDOERFER

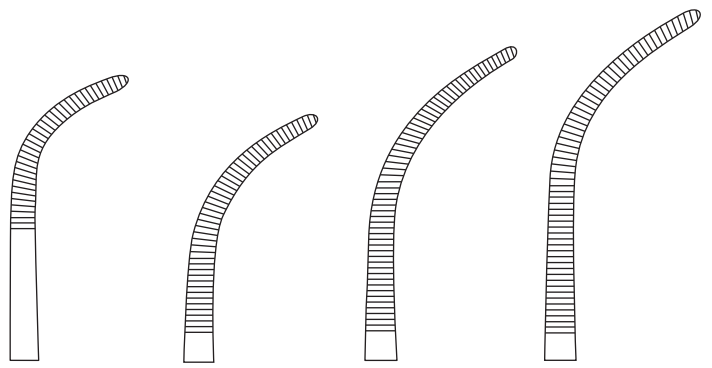


	Fig. 0	Fig. 1	Fig. 2	Fig. 3
210 mm – 8 1/4"	tk 12280-21	tk 12281-21	tk 12282-21	tk 12283-21
270 mm – 10 3/4"	tk 12280-27	tk 12281-27	tk 12282-27	tk 12283-27

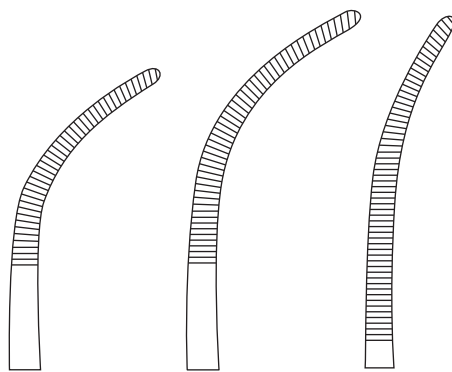


	Fig. 4	Fig. 5	Fig. 6
210 mm – 8 1/4"	tk 12284-21	tk 12285-21	tk 12286-21
270 mm – 10 3/4"	tk 12284-27	tk 12285-27	tk 12286-27

Präparier- und Ligaturklemmen
Dissecting and ligature forceps

Pinces à disséquer et à sutures
Pinzas para preparación y suturas
Pinze per preparazioni e suture



OVERHOLT-FINO

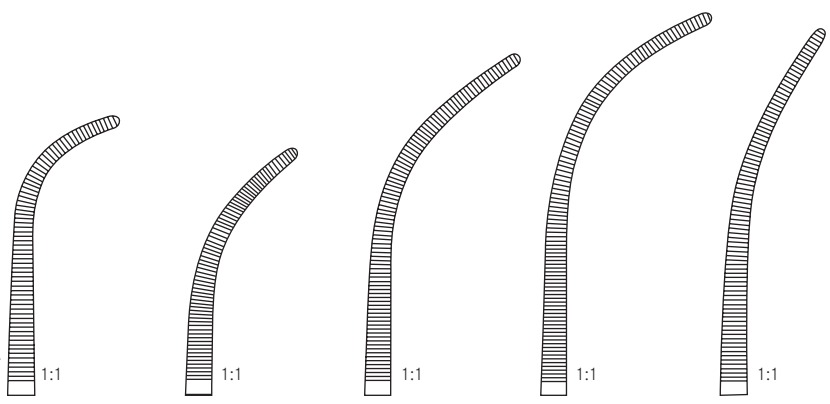


Fig. 0	Fig. 1	Fig. 2	Fig. 3	Fig. 6
215 mm – 8½"	210 mm – 8¼"	220 mm – 8¾"	230 mm – 9"	225 mm – 8¾"
tk 12287-00	tk 12287-01	tk 12287-02	tk 12287-03	tk 12287-06



OVERHOLT

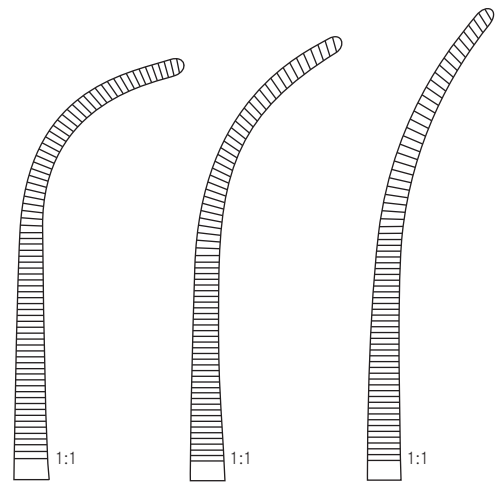


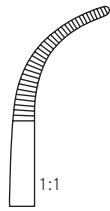
Fig. 0	Fig. 1	Fig. 6
295 mm – 8½"	295 mm – 8½"	300 mm – 8¾"
tk 12288-00	tk 12288-01	tk 12288-06

Präparier- und Ligaturklemmen
Dissecting and ligature forceps

Pincès à disséquer et à sutures
Pinzas para preparación y suturas
Pinze per preparazioni e suture

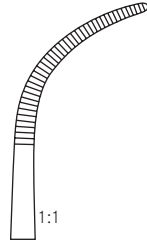


**OVERHOLT-
MODIFIZIERT**



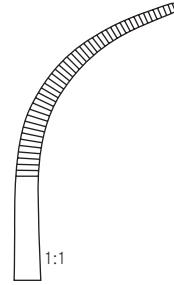
185 mm – 7¼"

tk 12235-01



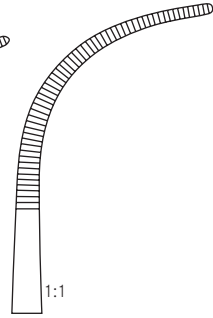
205 mm – 8"

tk 12235-02



210 mm – 8¼"

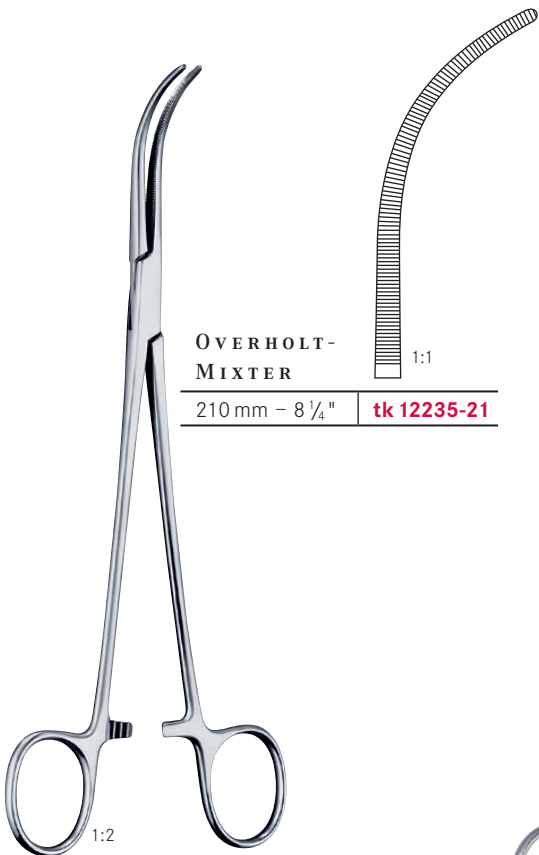
tk 12235-03



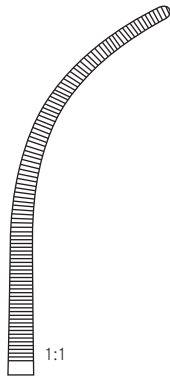
215 mm – 8½"

tk 12235-04

S-förmig gebogen
S-curved
courbe en S
curva en S
curve a forma di S

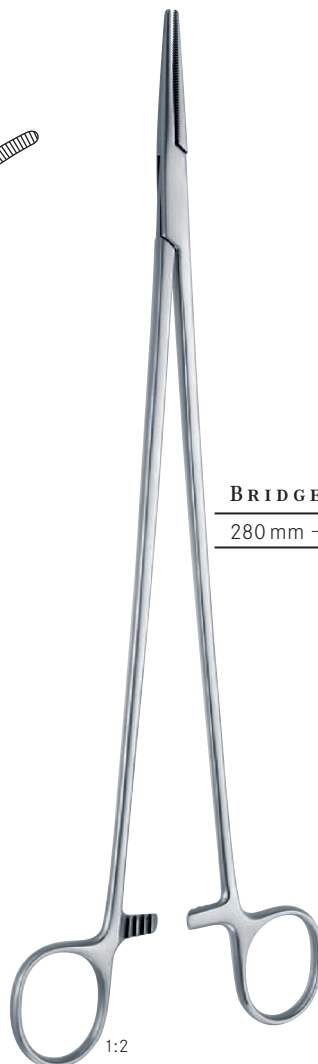


**OVERHOLT-
MIXTER**

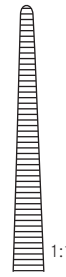


210 mm – 8¼"

tk 12235-21

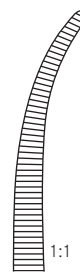


BRIDGE



280 mm – 11"

tk 12238-28



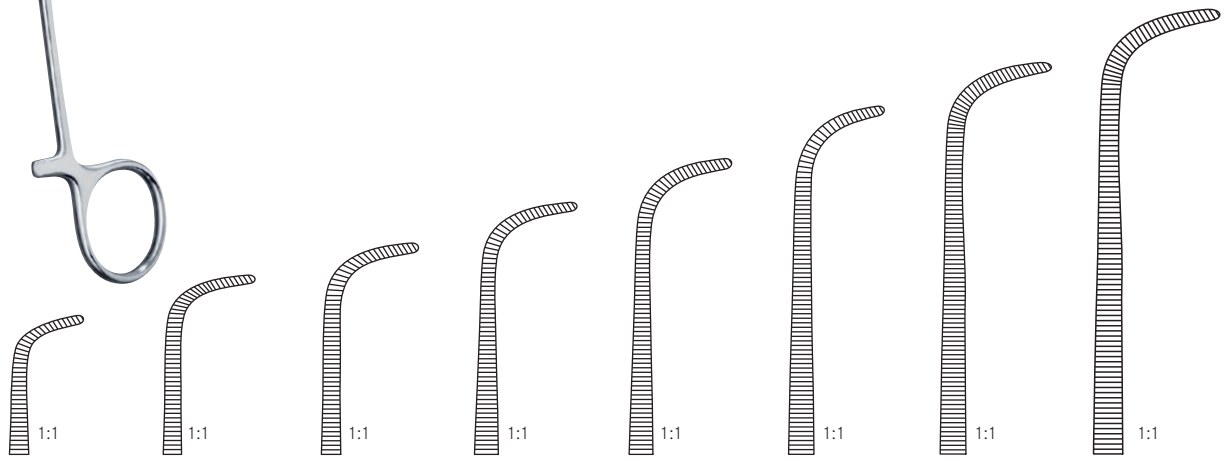
tk 12239-28

Präparier- und Ligaturklemmen
Dissecting and ligature forceps

Pinces à disséquer et à sutures
Pinzas para preparación y suturas
Pinze per preparazioni e suture



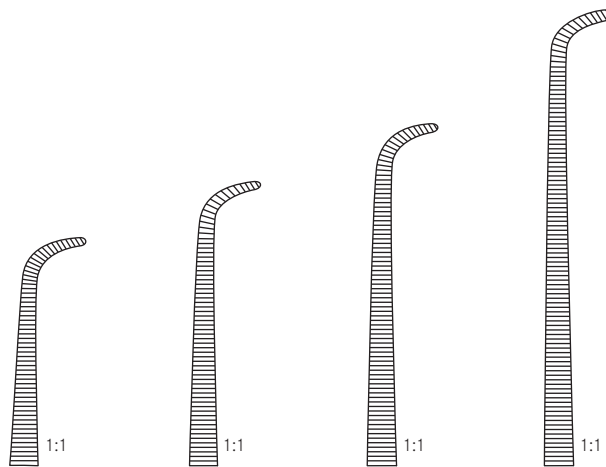
GEMINI



130 mm – 5 "	160 mm – 6¼ "	180 mm – 7 "	200 mm – 8 "	230 mm – 9 "	250 mm – 9¾ "	280 mm – 11 "	350 mm – 14 "
tk 12290-13	tk 12290-16	tk 12290-18	tk 12290-20	tk 12290-23	tk 12290-25	tk 12290-28	tk 12290-35



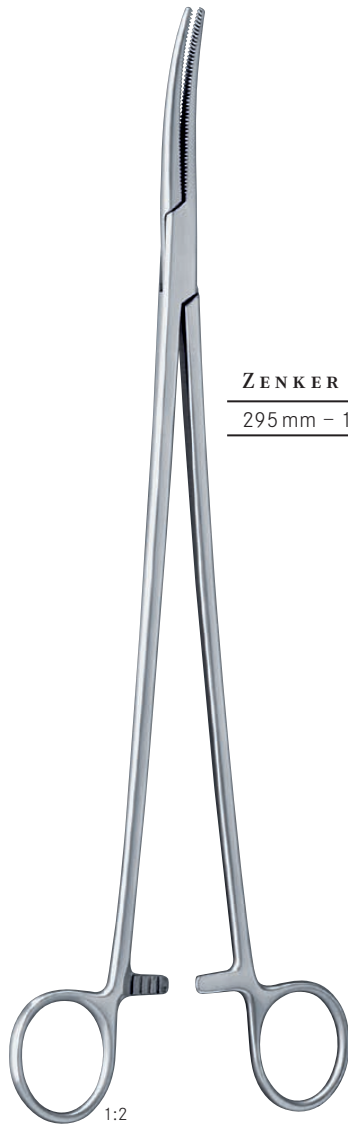
MINI-GEMINI



180 mm – 7 "	220 mm – 8¾ "	250 mm – 9¾ "	280 mm – 11 "
tk 12291-18	tk 12291-22	tk 12291-25	tk 12291-28

Präparier- und Ligaturklemmen
Dissecting and ligature forceps

Pinces à disséquer et à sutures
Pinzas para preparación y suturas
Pinze per preparazioni e suture

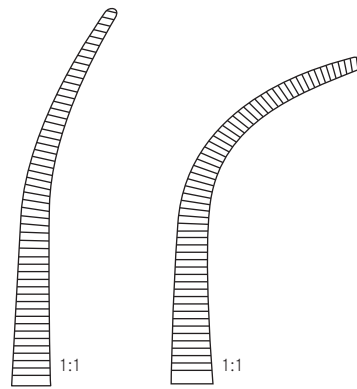


ZENKER

295 mm – 11½"

tk 12267-01

tk 12267-02

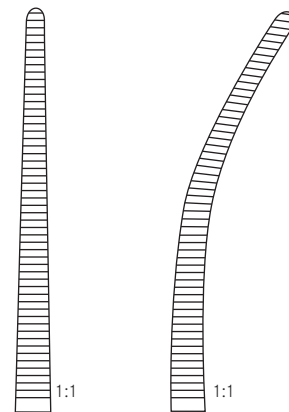


ROBERTS

220 mm – 8¾"

tk 12270-22

tk 12271-22



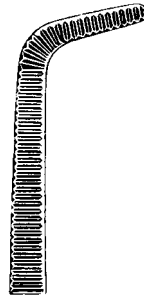
Präparier- und Ligaturklemmen
Dissecting and ligature forceps

Pinces à disséquer et à sutures
Pinzas para preparación y suturas
 Pinze per preparazioni e suture



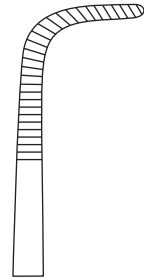
MIXTER

155 mm – 6 "	tk 12300-15
190 mm – 7 ½ "	tk 12300-19



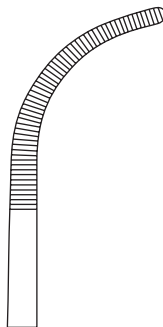
KANTROWITZ

190 mm – 7 ½ "	tk 12303-19
240 mm – 9 ½ "	tk 12303-24
265 mm – 10 ½ "	tk 12303-26



MIXTER

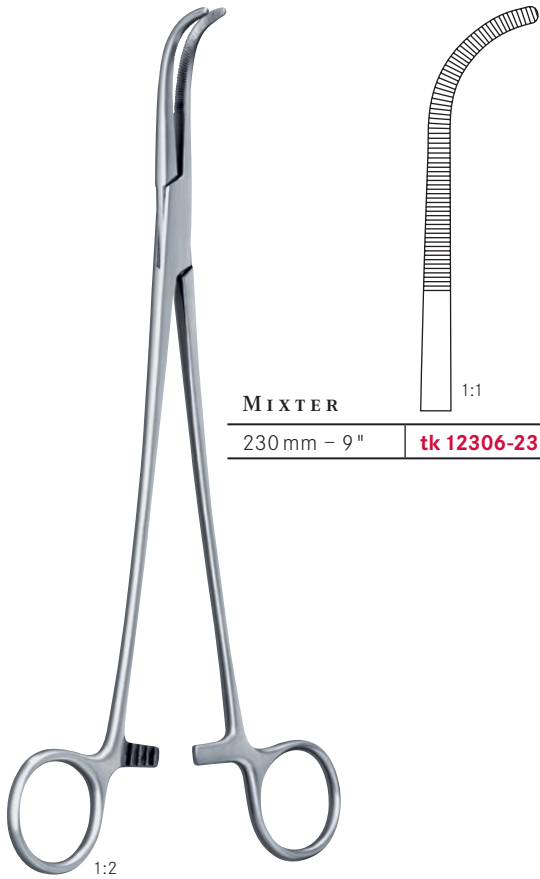
220 mm – 8 ¾ "	tk 12305-22
350 mm – 14 "	tk 12305-35



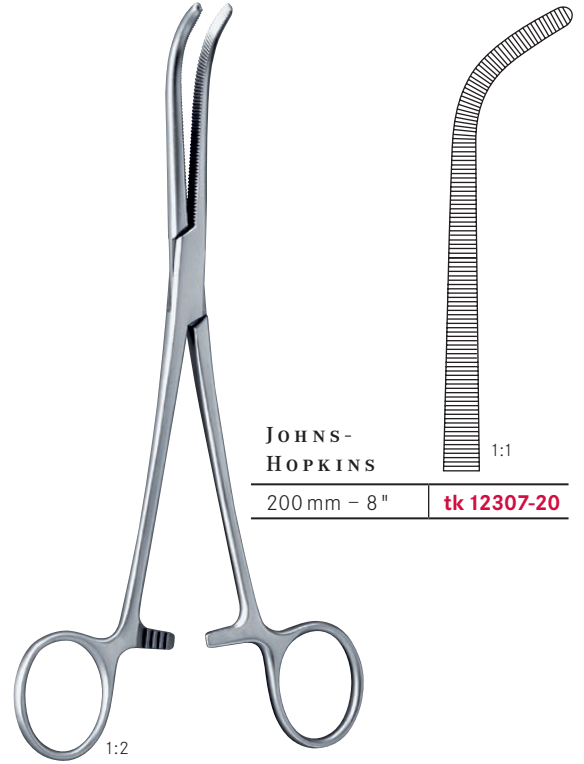
1:2

Präparier- und Ligaturklemmen
Dissecting and ligature forceps

Pinces à disséquer et à sutures
Pinzas para preparación y suturas
Pinze per preparazioni e suture



MIXTER
230 mm – 9" **tk 12306-23**



JOHNS-HOPKINS
200 mm – 8" **tk 12307-20**



MIXTER-O'SHAUGNESSY
190 mm – 7½" **tk 12308-19**

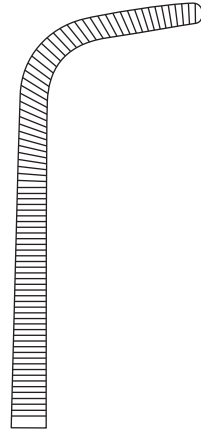
Präparier- und Ligaturklemmen
Dissecting and ligature forceps

Pinces à disséquer et à sutures
Pinzas para preparación y suturas
 Pinze per preparazioni e suture



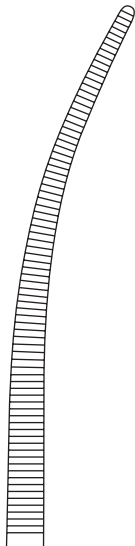
WICKSTRÖM

210 mm – 8 1/4 "	tk 12317-21
240 mm – 9 1/2 "	tk 12317-24



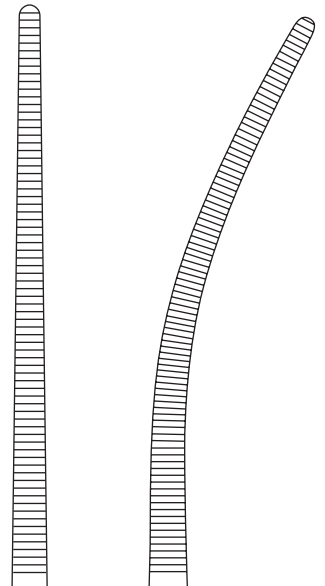
CRAFOORD

180 mm – 7 "	tk 12321-18
240 mm – 9 1/2 "	tk 12321-24



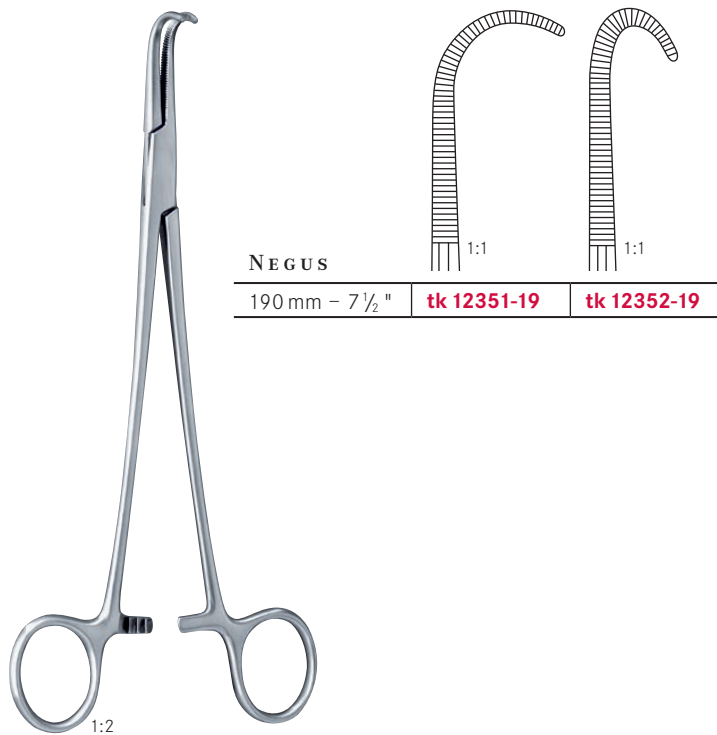
SAROT

240 mm – 9 1/2 "	tk 12318-24	tk 12319-24
350 mm – 14 "	tk 12318-35	tk 12319-35



Präparier- und Ligaturklemmen
Dissecting and ligature forceps

Pinces à disséquer et à sutures
Pinzas para preparación y suturas
Pinze per preparazioni e suture

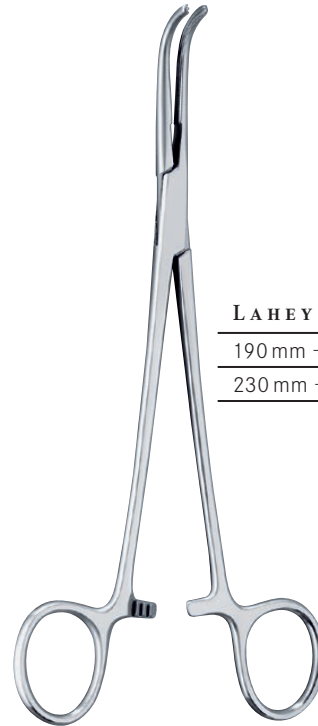
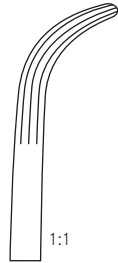


Gallenkanal- und Nierenstielklemmen
Kidney pedicle and gall duct forceps

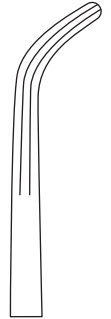
Pinces pour pédicules renaux et voies biliaires
Pinzas para pediculos renales y conductos biliares
 Pinze per peduncoli renali e vie biliari



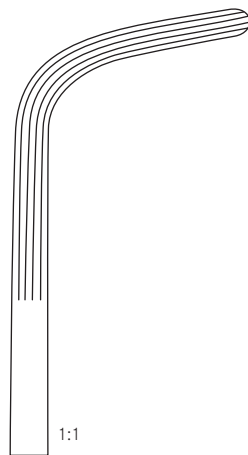
LOWER
 180 mm – 7" **tk 12311-18**



LAHEY
 190 mm – 7½" **tk 12310-19**
 230 mm – 9" **tk 12310-23**



**MC QUIGG-
 MIXTER**
 220 mm – 8¾" **tk 12309-22**



Gallenkanal- und Nierenstiellklemmen
Kidney pedicle and gall duct forceps

Pinces pour pédicules renaux et voies biliaires
Pinzas para pediculos renales y conductos biliares
Pinze per peduncoli renali e vie biliari

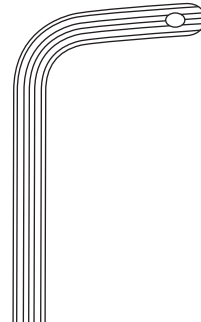


1:2

FINOCHIETTO

1:1

240 mm – 9 1/2 " tk 12312-24



1:2

MIXTER

1:1

1:1

1:1

220 mm – 8 3/4 "

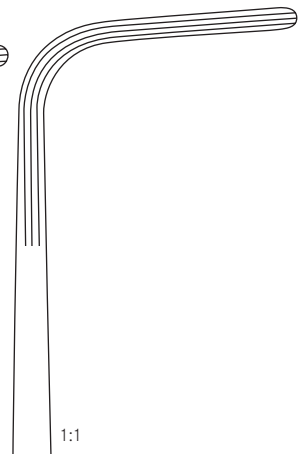
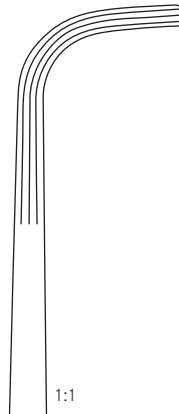
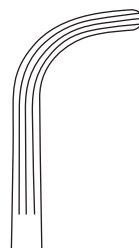
250 mm – 9 3/4 "

280 mm – 11 "

tk 12313-22

tk 12315-25

tk 12315-28

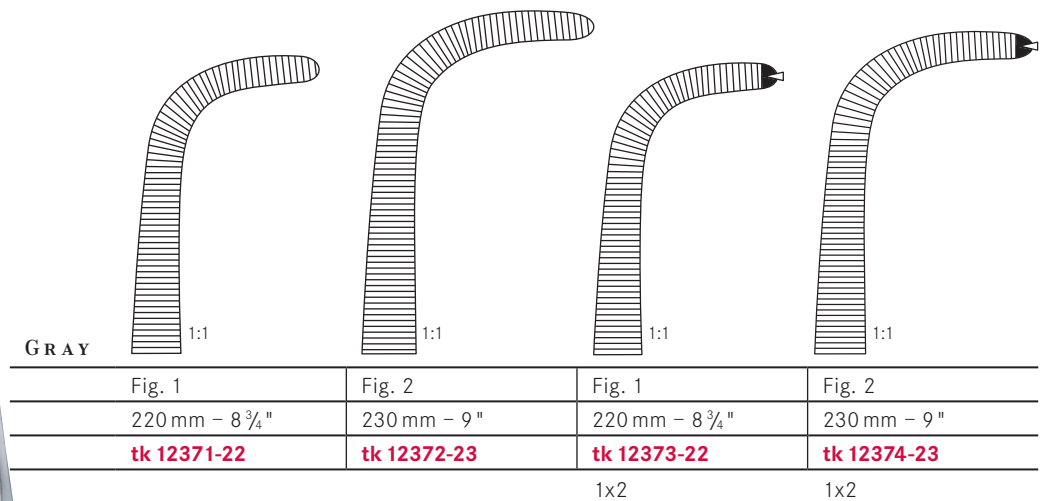


Gallenkanal- und Nierenstielklemmen
Kidney pedicle and gall duct forceps

Pinces pour pédicules renaux et voies biliaires
Pinzas para pediculos renales y conductos biliares
Pinze per peduncoli renali e vie biliari



ATRAUMIK



Nierenstielklemmen
Kidney pedicle forceps

Pinces pour pédicules renaux
Pinzas para pediculos renales
Pinze per peduncoli renali



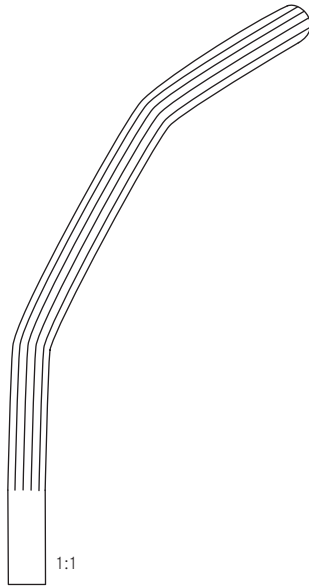
1:2

HERRICK

1:1

230 mm – 9 "

tk 12356-23



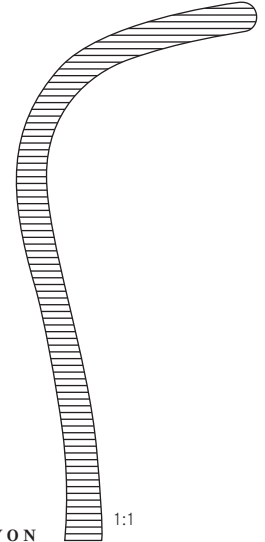
1:2

GUYON

1:1

230 mm – 9 "

tk 12357-23



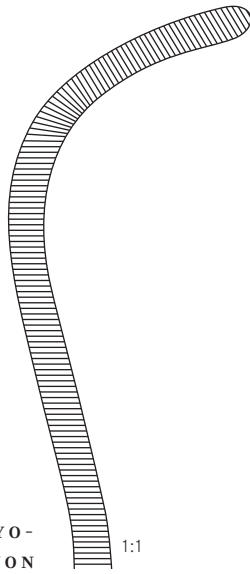
1:2

MAYO-
GUYON

1:1

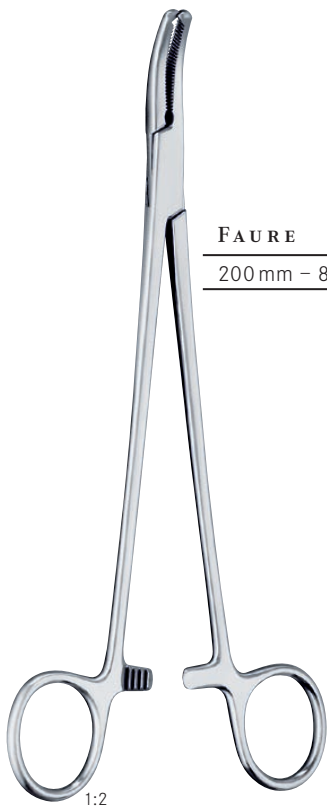
230 mm – 9 "

tk 12375-23

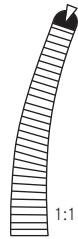


Klemmzangen – Peritoneumklemmen
 Clamp forceps – Peritoneal forceps

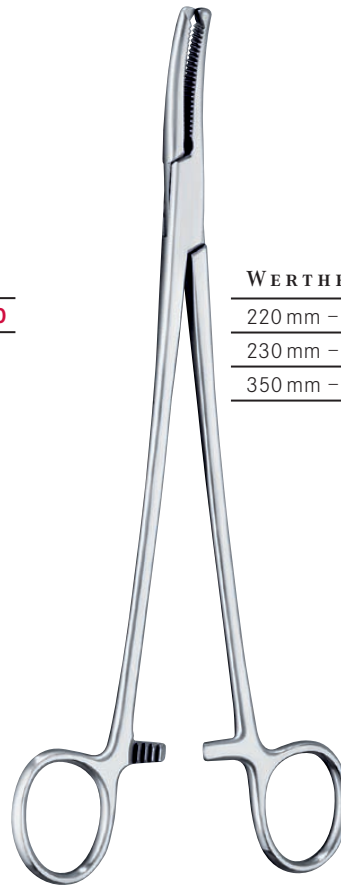
Pinces-clamps – Pinces pour le péritoine
 Pinzas-clamps – Pinzas para peritoneo
 Pinze per peritoneo



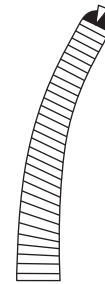
FAURE
 200 mm – 8" **tk 12415-20**
 1x2



1:1



WERTHEIM
 220 mm – 8 3/4" **tk 12410-22**
 230 mm – 9" **tk 12410-23**
 350 mm – 149" **tk 12410-35**
 1x2



1:1

Klemmzangen – Peritoneumklemmen
Clamp forceps – Peritoneal forceps

Pinces-clamps – Pinces pour le péritoine
Pinzas-clamps – Pinzas para peritoneo
Pinze per peritoneo

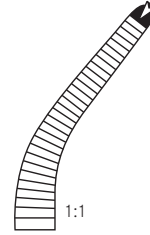


PHANEUF

215 mm – 8 1/2 "



1:1



1:1

1x2

1x2

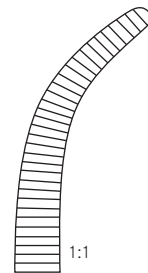
1:2



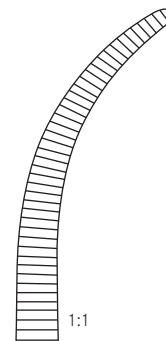
MOYNIHAN

230 mm – 9 "

240 mm – 9 1/2 "



1:1



1:1

tk 12423-23

tk 12424-24

Klemmzangen – Peritoneumklemmen
 Clamp forceps – Peritoneal forceps

Pinces-clamps – Pince pour le péritoine
 Pinzas-clamps – Pinzas para peritoneo
 Pinze per peritoneo



BABY-
 MIKULICZ

140 mm – 4 1/2 "



1:1

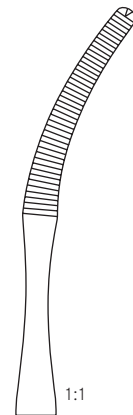
1x2

tk 12426-14



MIKULICZ

200 mm – 8 "



1:1

1x2

tk 12427-20

Klemmzangen - Peritoneumklemmen
Clamp forceps - Peritoneal forceps

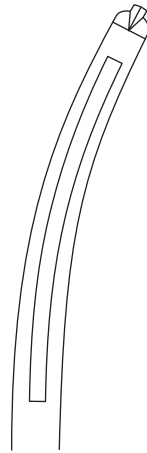
Pinces-clamps - Pinces pour le péritoine
Pinzas-clamps - Pinzas para peritoneo
Pinze per peritoneo



MAINGOT

205 mm - 8"	tk 12433-20
250 mm - 9 3/4"	tk 12433-25

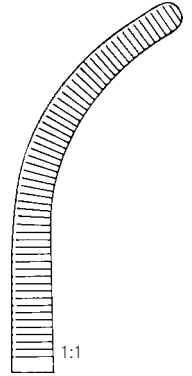
1x2



WERTHEIM

250 mm - 9 3/4"	tk 12432-25
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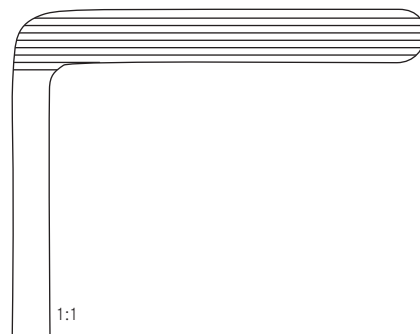
1:2



WERTHEIM-
CULLEN

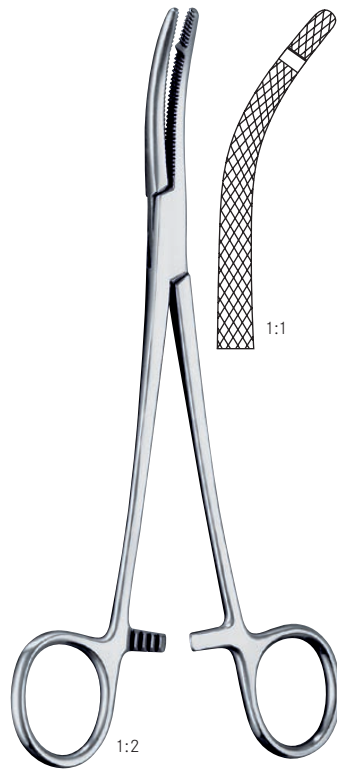
215 mm - 8 1/2"	tk 12440-21
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1:2



Hysterektomieklemmen
Hysterectomy forceps

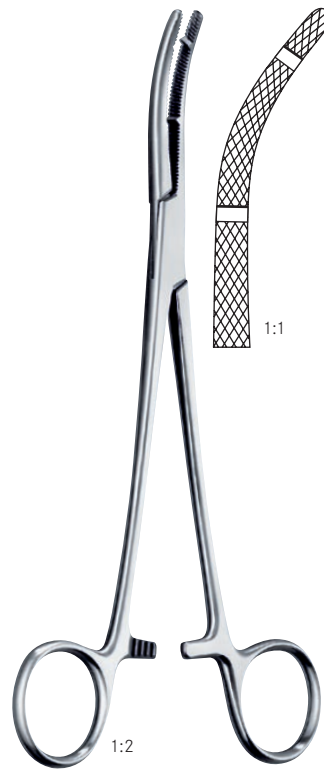
Pinces pour hystérectomie
Pinzas para histerectomia
Pinze per isterectomia



HEANEY

210 mm – 8 1/4"

tk 12435-21



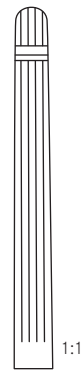
tk 12436-21

Hysterektomieklemmen
Hysterectomy forceps

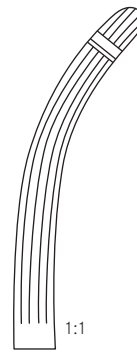
Pinces pour hystérectomie
Pinzas para histerectomia
Pinze per isterectomia



HEANEY-
BALLANTINE



1:1



1:1

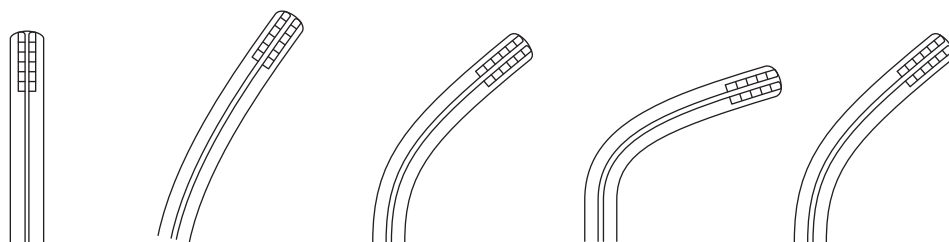
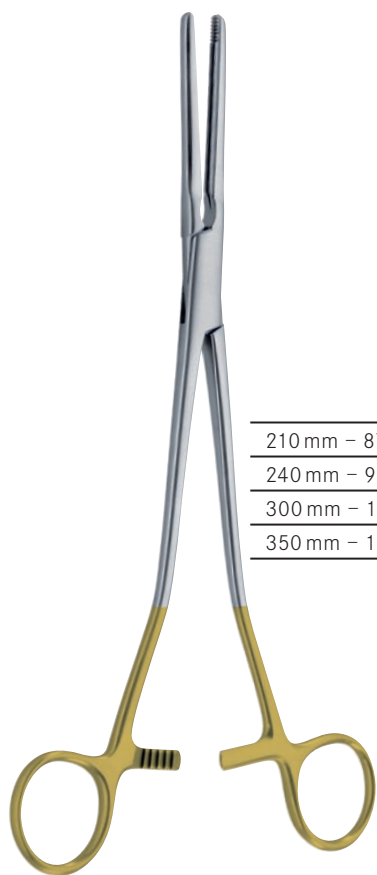
210 mm – 8 1/4"

tk 12438-21

tk 12439-21

Parametriumklemmen
Parametrium forceps

Pincas parametrium
Pinzas parametrium
Pinze parametrium

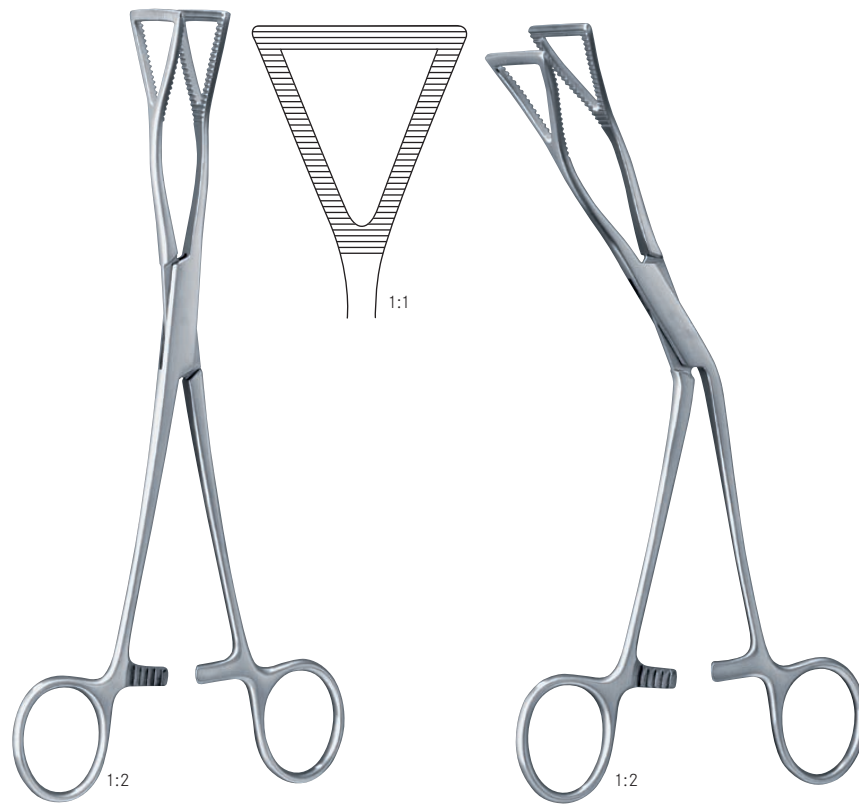


210 mm – 8 1/4"	tk 34155-21	tk 34156-21	tk 34157-21	tk 34158-21	tk 34159-21
240 mm – 9 1/2"	tk 34155-24	tk 34156-24	tk 34157-24	tk 34158-24	tk 34159-24
300 mm – 12"	tk 34155-30	tk 34156-30	tk 34157-30	tk 34158-30	tk 34159-30
350 mm – 13 3/4"	tk 34155-35	tk 34156-35	tk 34157-35	tk 34158-35	tk 34159-35

S-förmig gebogen
S-curved
coube en S
curva en S
curva a forma di S

Lungenfasszangen
Lung grasping forceps

Pinces-clamps pour poumons
Pinzas para coger pulmones
Pinza per afferrare il polmone



LOVELACE

200 mm – 8"

tk 12495-20

tk 12496-20

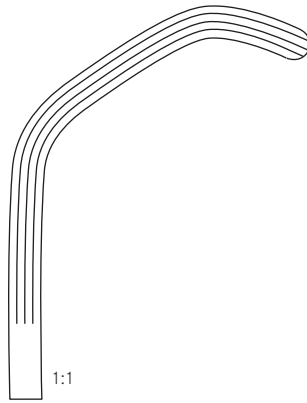
Bronchus- und Gefäßklemmen
Bronches- and vascular clamps

Pinces vasculaires et pour bronches
Pinzas vasculares y bronquiales
 Pinze vascolari e per bronchi



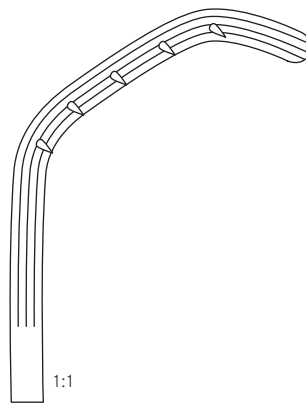
PRICE-
 THOMAS

220 mm – 8 3/4" tk 12500-22

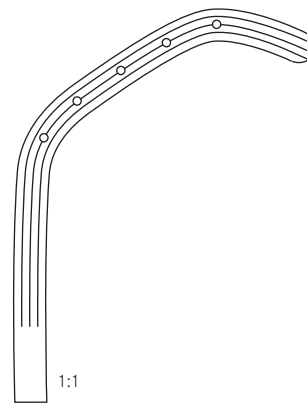


PRICE-
 THOMAS

220 mm – 8 3/4" tk 12502-01



Stifte links
Pins left
 Goupilles à gauche
Pernos izquierda
 Perni a sinistra



Stifte rechts
Pins right
 Goupilles à droit
Pernos derecha
 Perni a destra

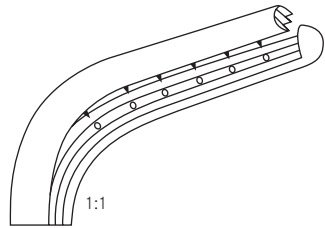
Bronchus- und Gefäßklemmen
Bronches- and vascular clamps

Pinces vasculaires et pour bronches
Pinza clamps vasculares y bronquiales
 Pinze vascolari e per bronchi



SAROT

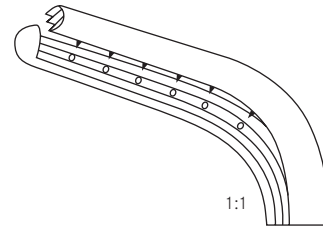
230 mm – 9"



tk 12503-23

Stifte links
Pins left

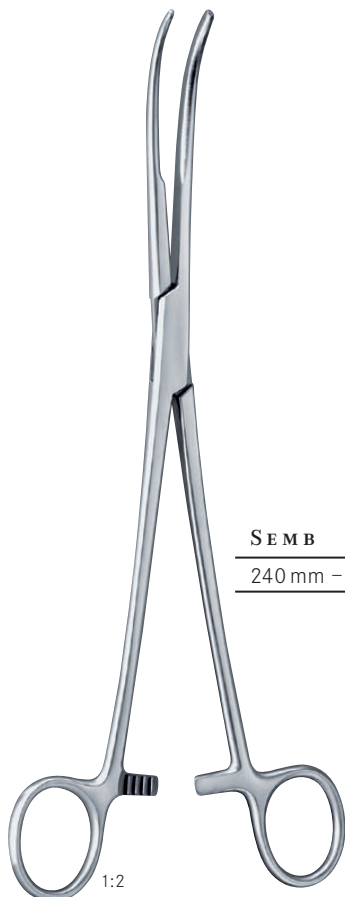
Goupilles à gauche
Pernos izquierda
 Perni a sinistra



tk 12504-23

Stifte rechts
Pins right

Goupilles à droit
Pernos derecha
 Perni a destra



SEMB

240 mm – 9 1/2"



tk 12505-24



tk 12510-24

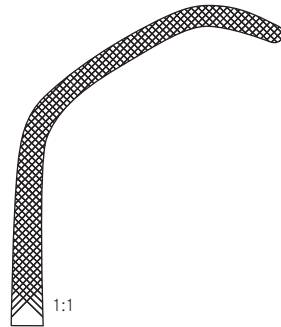
Bronchus- und Gefäßklemmen
Bronches- and vascular clamps

Pinces vasculaires et pour bronches
Pinzas vasculares y bronquiales
Pinze vascolari e per bronchi



BABY-SATINSKY

150 mm – 6"



1:1

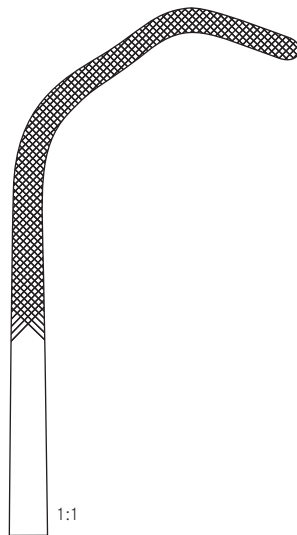
tk 12545-15

1:2



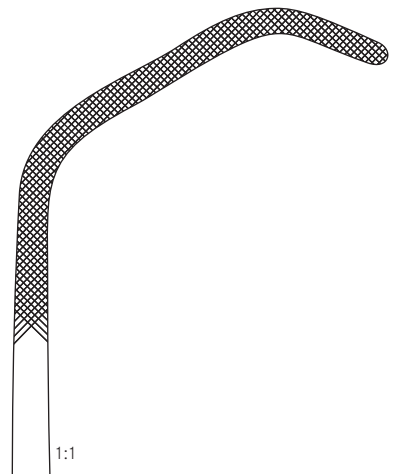
SATINSKY

265 mm – 10 1/2"



1:1

Fig. 1
tk 12550-01



1:1

Fig. 2
tk 12551-01

Fig. 2
tk 12550-02

S-förmig gebogen
S-curved
courbe en S
curva en S
curva a forma di S

S-förmig gebogen
S-curved
courbe en S
curva en S
curva a forma di S

1:2

Tuchklemmen
Towel forceps

Pinces à champs
Pinzas de campo
Pinze fissateli



BERNHARD

100 mm – 4 "	tk 12800-10
120 mm – 4 ¾ "	tk 12800-12
140 mm – 5 ½ "	tk 12800-14
165 mm – 6 ½ "	tk 12800-16
180 mm – 7 "	tk 12800-18



BACKHAUS

90 mm – 3 ½ "	tk 12805-09
110 mm – 4 ¼ "	tk 12805-11
130 mm – 5 "	tk 12805-13
150 mm – 6 "	tk 12805-15



ROEDER

130 mm – 5 "	tk 12802-13
150 mm – 6 "	tk 12802-15



110 mm – 4 " **tk 12807-11**

mit Schlauchhalter
with clip for tube
avec porte-tuyeau
con soporte de tubo
con supporto per tubo

Tuchklemmen
Towel forceps

Pinces à champs
Pinzas de campo
Pinze fissateli



1:2

ROBIN

135 mm – 5 1/4" tk 12809-13

mit Schlauchhalter bis 5 mm Ø
with clip for tube up to 5 mm Ø

avec porte-tuyeau à 5 mm Ø

con soporte de tubo hasta 5 mm Ø

con supporto per tubo fino a 5 mm Ø



JONES

50 mm – 2" tk 12810-05

90 mm – 3 1/2" tk 12810-09



1:2

SCHAEDEL

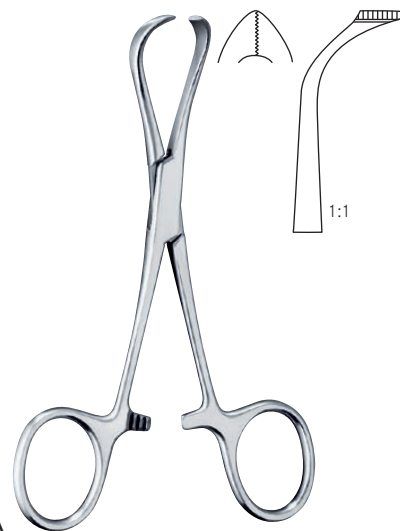
90 mm – 3 1/2" tk 12820-09



1:2

DOYEN

180 mm – 7" tk 12825-18



1:1

LORNA

100 mm – 4" tk 12830-10

130 mm – 5" tk 12830-13

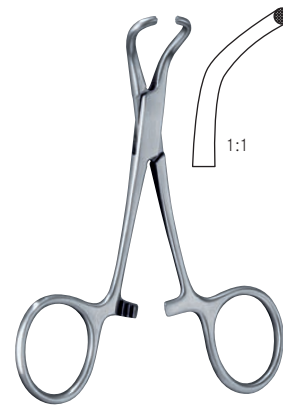
Tuchklemmen
Towel forceps

Pinces à champs
Pinzas de campo
Pinze fissateli



LANE

130 mm – 5 "	tk 12840-13
150 mm – 6 "	tk 12840-15
200 mm – 8 "	tk 12840-20



TOHOKU-JAPAN

100 mm – 4 "	tk 12845-10
130 mm – 5 "	tk 12845-13



PEERS-BERTRAM

145 mm – 5 ¾ "	tk 12847-14
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115 mm – 4 ½ "	tk 12850-11
140 mm – 5 ½ "	tk 12850-13

für Papierabdeckung
for paper clothes

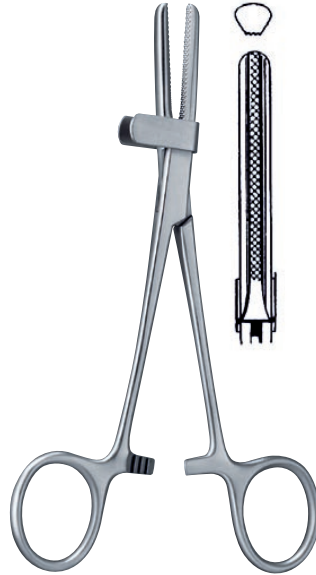
pour couvertures en papier
para paños de papel
per copertura di carta

Schlauchklemmen
Tubing clamps

Presse-tubes
Pinzas para tubos
Pinze serratubi

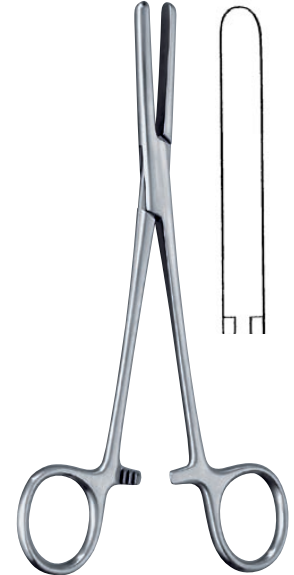


150 mm – 6 "	tk 14100-15
160 mm – 6¼ "	tk 14100-16
190 mm – 7½ "	tk 14100-19
240 mm – 9½ "	tk 14100-24



150 mm – 6 "	tk 14101-15
160 mm – 6¼ "	tk 14101-16
190 mm – 7½ "	tk 14101-19

mit Schutzbügel
with protection
avec protection
con protector
con protettore



165 mm – 6½ "	tk 14110-16
180 mm – 7 "	tk 14110-18



KLINIKUM-
BERLIN

145 mm – 5¾ "	tk 14120-14	tk 14114-14
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mit extra langer Sperre
with extra long ratchet
avec crémaillère extra longue
con cremallera extra larga
con cremagliera extra lunga



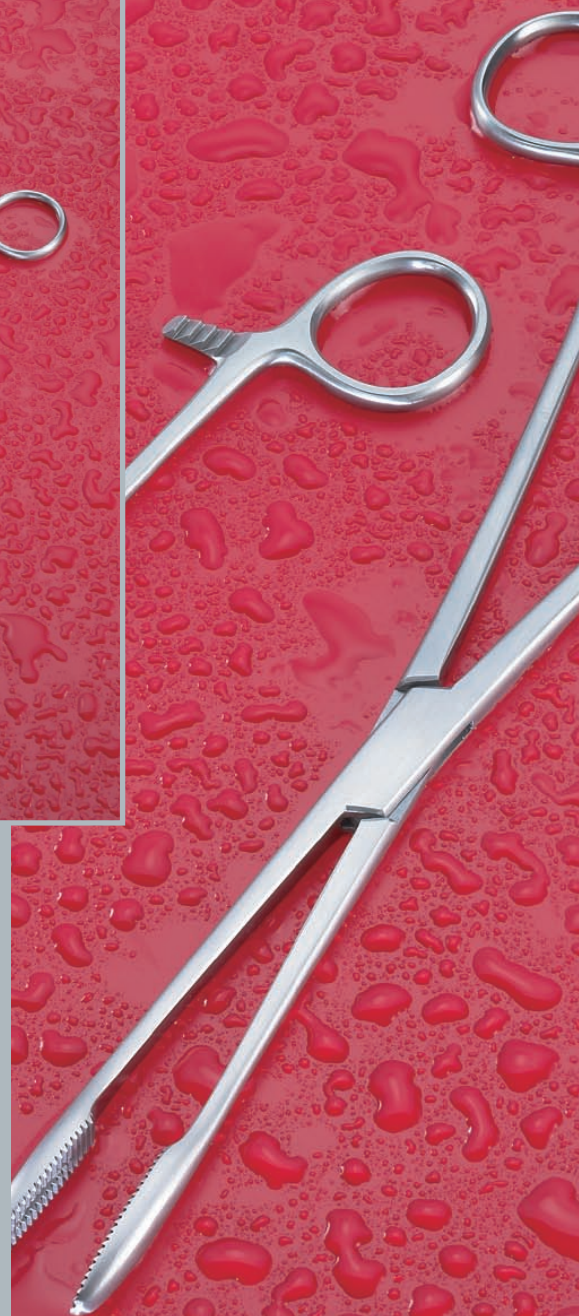
GUNNAR

185 mm – 7¼ "	tk 14160-18
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Tupferzangen
Cotton swap forceps

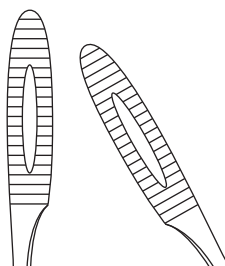
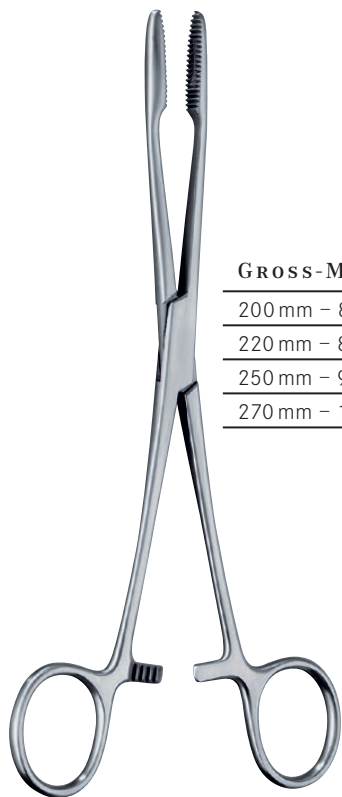
Pinces à tampons et à pansements
Pinzas para tapones y vendajes
Pinze per tamponi e per medicazione





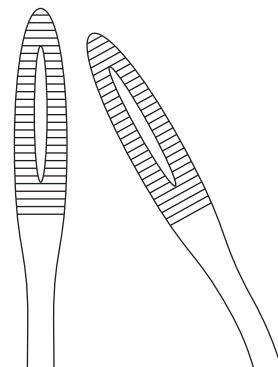
Kornzangen
Polypus and dressing forceps

Pinces à polypes et à pansements
Pinzas para pólipos y vendajes
Pinze per medicazione e polipi



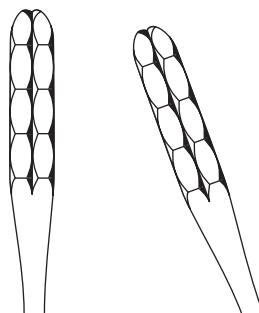
GROSS-MAIER

200 mm – 8"	tk 15110-20	tk 15111-20
220 mm – 8 3/4"	tk 15110-22	tk 15111-22
250 mm – 9 3/4"	tk 15100-25	tk 15101-25
270 mm – 10 3/4"	tk 15100-27	tk 15101-27



MAIER

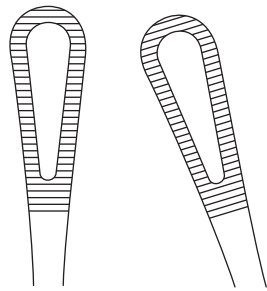
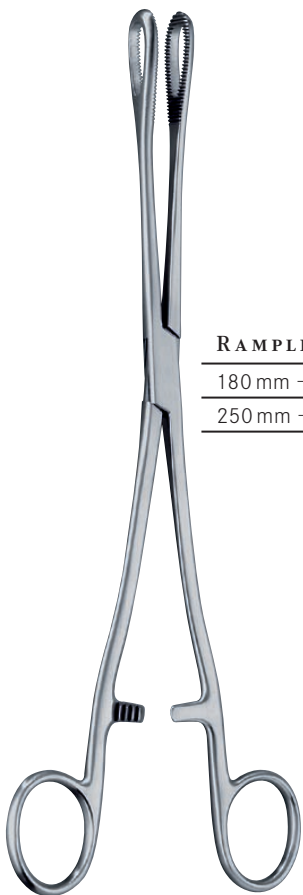
200 mm – 8"	tk 15112-20	tk 15113-20
250 mm – 9 3/4"	tk 15102-25	tk 15103-25



ULRICH

220 mm – 8 3/4"	tk 15120-22	tk 15121-22
250 mm – 9 3/4"	tk 15120-25	tk 15121-25
270 mm – 10 3/4"	tk 15120-27	tk 15121-27
350 mm – 14"	tk 15120-35	tk 15121-35

Schwammzangen | Pincas à éponges
Sponge holding forceps | Pinzas para esponjas
Pinze per tamponi



RAMPLEY

180 mm – 7"	tk 15130-18	
250 mm – 9¾"	tk 15130-25	tk 15131-25



1:1

COLLIN

250 mm – 9¾"	tk 15150-25
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1:2

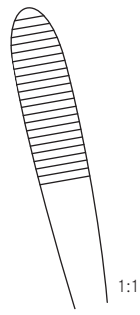
Schwammzangen
Sponge holding forceps

Pinces à éponges
Pinzas para esponjas
Pinze per tamponi



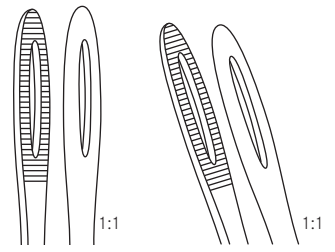
CHERON

250 mm – 9¾" tk 15160-25



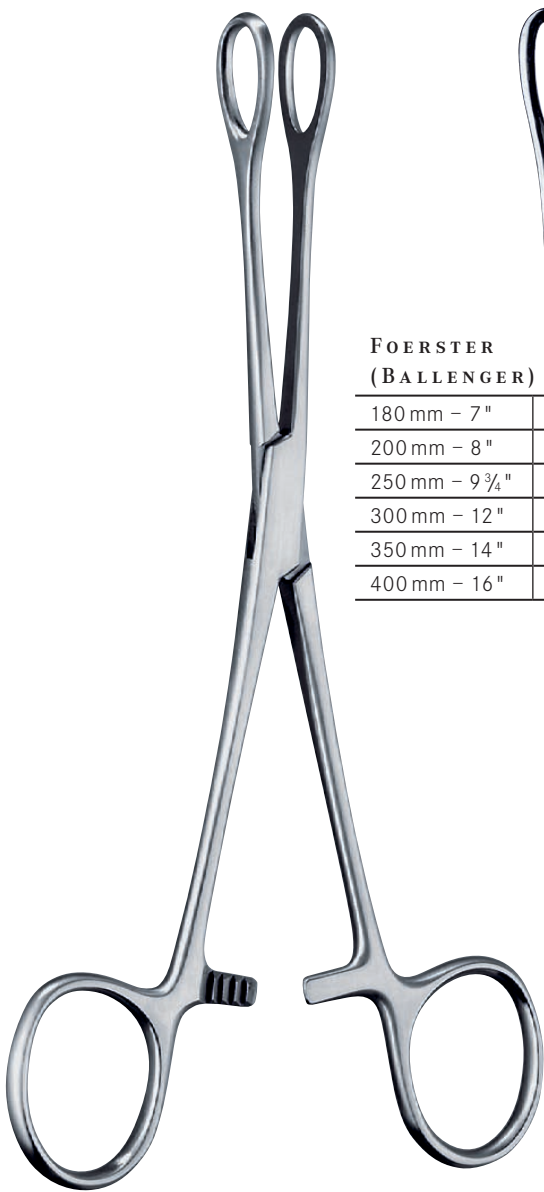
BERGMANN-
FOERSTER

250 mm – 9¾" tk 15190-25 tk 15191-25



Schwammzangen
Sponge holding forceps

Pinces à éponges
Pinzas para esponjas
Pinze per tamponi

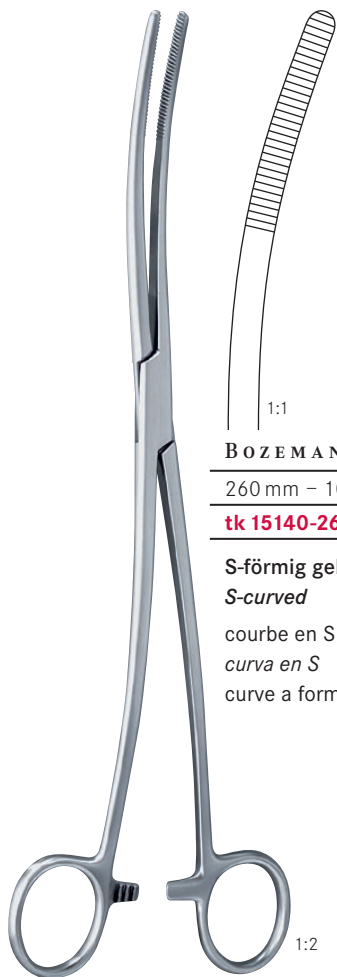


FOERSTER
(BALLENGER)

180 mm - 7"	tk 15180-18	tk 15182-18	tk 15183-18	tk 15185-18
200 mm - 8"		tk 15182-20		tk 15185-20
250 mm - 9 3/4"	tk 15180-25	tk 15182-25	tk 15183-25	tk 15185-25
300 mm - 12"		tk 15182-30		
350 mm - 14"		tk 15182-35		
400 mm - 16"		tk 15182-40		

Schwammzangen
Sponge holding forceps

Pinces à éponges
Pinzas para esponjas
Pinze per tamponi



BOZEMANN

260 mm – 10¼"

tk 15140-26

S-förmig gebogen
S-curved

courbe en S
curva en S
curve a forma di S

1:2



**BOZEMANN-
DOUGLAS**

260 mm – 10¼"

tk 15170-25

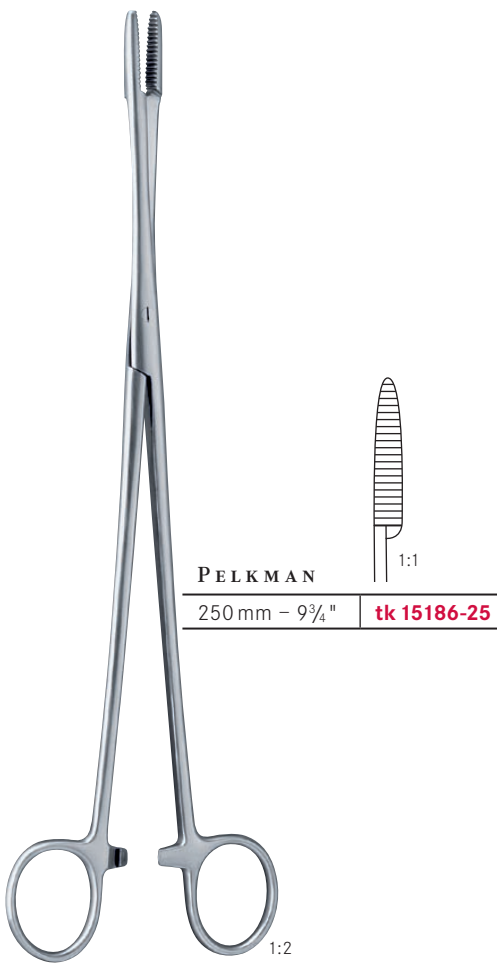
S-förmig gebogen
S-curved

courbe en S
curva en S
curve a forma di S

1:2

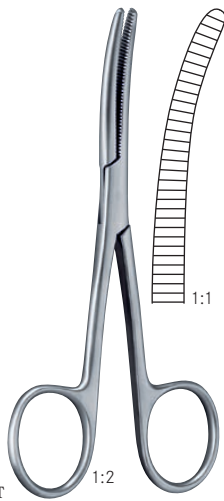
Kornzangen – Schwammzangen
Polypus and dressing forceps – Sponge holding forceps

Pinces à polypes et à pansements – à tampons et éponges
Pinzas para pólipos y vendajes – para tapónes y esponjas
 Pinze per medicazione e polipi – Pinze per tamponi



Kornzangen – Schwammzangen
Polypus and dressing forceps – Sponge holding forceps

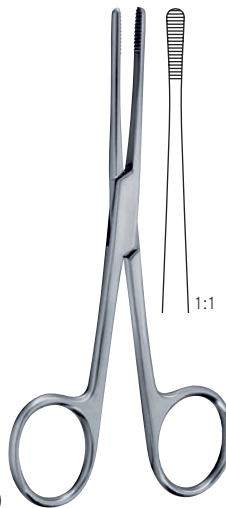
Pinces à polypes et à pansements – à tampons et éponges
Pinzas para pólipos y vendajes – para tapones y esponjas
 Pinze per medicazione e polipi – Pinze per tamponi



BRYANT

1:2

130 mm – 5" **tk 15305-13**



LISTER
(SINUS)

1:1

130 mm – 5" **tk 15300-13**

160 mm – 6¼" **tk 15300-16**

180 mm – 7" **tk 15300-18**

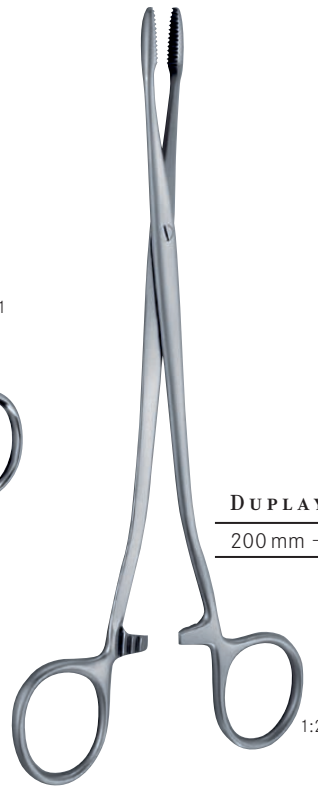
Sinusklemmen

Sinus forceps

Pinces à sinus

Pinza para el sinus

Pinze per seni



1:2

DUPLAY

1:1

1:1

200 mm – 8" **tk 15220-20** **tk 15221-20**



Wundhaken | Ecarteurs
Retractors | *Separadores*
Divaricatori



Nasenhäkchen
Nasal hooks

Crochets nasales
Ganchitos nasales
Uncini nasali



KILNER

150 mm – 6"

tk 48128-15



JOSEPH

150 mm – 6"

tk 16900-15



LANGE

220 mm – 8¾"

tk 16901-22



COTTLE

160 mm – 6¼"

tk 16902-16



FOMON

170 mm – 6¾"

tk 16904-17



COTTLE

150 mm – 6"



tk 16905-01



tk 16905-02





tk 16905-03



Nasenhäkchen
Nasal hooks

Crochets nasales
Ganchitos nasales
Uncini nasali







ITERSON		
160 mm – 6¼"	 1:1 tk 16920-16	 1:1 tk 16922-16
	scharf sharp pointu agudo acuto	stumpf blunt mousse romo smusso



GILLIES		
	 1:1 Fig. 1	 1:1 Fig. 2
180 mm – 7"	tk 48130-01	tk 48130-02



JOSEPH				
	 1:1	 1:1	 1:1	 1:1
	2 mm	5 mm	7 mm	10 mm
160 mm – 6¼"	tk 16910-02	tk 16910-05	tk 16910-07	tk 16910-10

Nasenhäkchen
Nasal hooks

Crochets nasales
Ganchitos nasales
Uncini nasali



COTTLE-
NEIVERT

200 mm – 8"

tk 16912-20

1:2



FOMON

160 mm – 6¼"

tk 16914-16

1:2



COTTLE

150 mm – 6"

tk 16915-01

tk 16915-02

tk 16915-03

1:2



1:1



1:1



1:1



NEIVERT

160 mm – 6¼"

tk 16916-16

1:2

Nasen- und Trachealhäkchen
Trachea and nose retractors

Ecarteurs nasales et tracheales
Separadores traqueales y nasales
Uncini tracheali e nasali



COTTLE

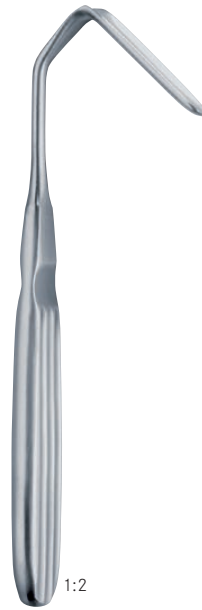
1:2

1:2

150 mm – 6"

tk 16917-15

tk 16918-15



1:2

AUFRICHT

190 mm – 6¼"

tk 16906-19



1:2

KILNER

100 mm – 4"

tk 16907-10



1:2

CONVERSE

120 mm – 4¾"

tk 16908-12



1:2

JACKSON

150 mm – 6"

tk 16930-15



1:2

LUKENS

170 mm – 6⅔"

tk 16933-17

stumpf

blunt

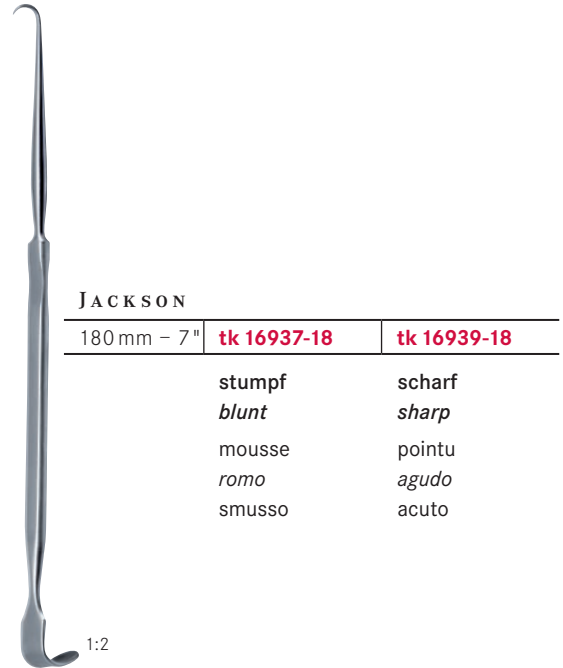
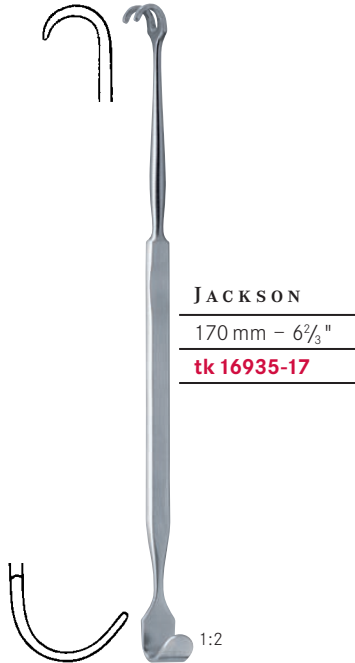
mousse

romo

smusso

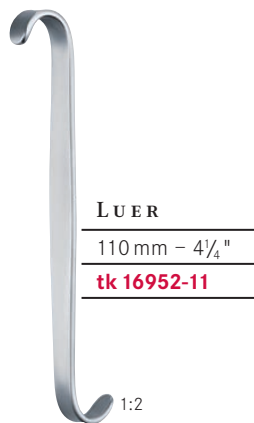
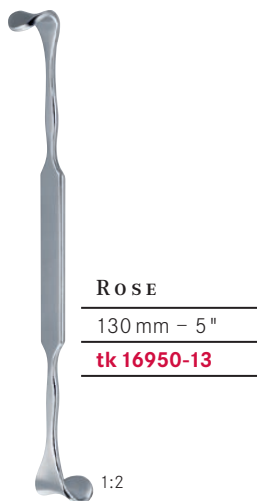
Trachealhäkchen
Trachea retractors

Ecarteurs tracheales
Separadores traqueales
Uncini tracheali



Wundhaken
Retractors





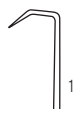
Ecarteurs
Separadores
Divaricatori







Wundhaken
Retractors





Ecarteurs
Separadores
Divaricatori



EMMET	 1:1	 1:1	 1:1	 1:1	 1:1
	Fig. 1	Fig. 2	Fig. 3	Fig. 4	Fig. 5
	220 mm – 8 ³ / ₄ "	tk 16958-01	tk 16958-02	tk 16958-03	tk 16958-04



scharf sharp pointu agudo acuto	 1:1	 1:1	 1:1	 1:1	
	160 mm – 6 ¹ / ₄ "	tk 17001-16	tk 17002-16	tk 17003-16	tk 17004-16

stumpf blunt mousse romo smusso	 1:1	 1:1	 1:1	 1:1	
	160 mm – 6 ¹ / ₄ "	tk 17011-16	tk 17012-16	tk 17013-16	tk 17014-16

Wundhaken | Ecarteurs
 Retractors | Separadores
 Divaricatori



1:2



160 mm – 6¼"	tk 17021-16	tk 17022-16	tk 17024-16
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flexibel, scharf
flexible, sharp
 flexible, pointu
flexible, agudo
 flessibile, acuto








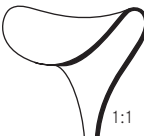
160 mm – 6¼"	tk 17031-16	tk 17032-16	tk 17034-16
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flexibel, stumpf
flexible, blunt
 flexible, mousse
flexible, romo
 flessibile, smusso



1:1

DES MARRES			
	x = 8 mm	x = 10 mm	x = 12 mm
160 mm – 6¼"	tk 17038-08	tk 17038-10	tk 17038-12

			
	x = 14 mm	x = 16 mm	x = 18 mm
160 mm – 6¼"	tk 17038-14	tk 17038-16	tk 17038-18

1:2



1:1

1:2

KNAPP
 (ROLLET)

160 mm – 6¼"
tk 17025-16

flexibel, scharf
flexible, sharp
 flexible, pointu
flexible, agudo
 flessibile, acuto

Wundhaken | Ecarteurs
 Retractors | Separadores
 Divaricatori



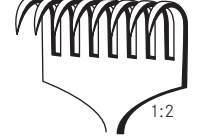
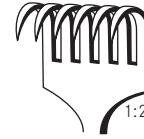
MINI-LANGENBECK



	10 mm x 6 mm	17 mm x 5 mm	20 mm x 6 mm	22 mm x 8 mm
160 mm – 6¼" 1:2	tk 17039-10	tk 17039-17	tk 17039-20	tk 17039-22

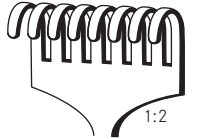
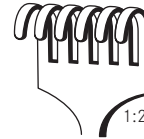
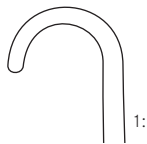


KOCHER



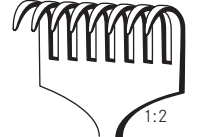
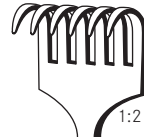
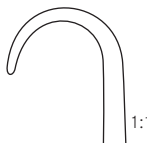
220 mm – 8¾" 1:2	tk 17041-22	tk 17042-22	tk 17043-22	tk 17044-22	tk 17046-22	tk 17048-22
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scharf
 sharp
 pointu
 agudo
 acuto



220 mm – 8¾" 1:2	tk 17051-22	tk 17052-22	tk 17053-22	tk 17054-22	tk 17056-22	tk 17058-22
-------------------------	--------------------	--------------------	--------------------	--------------------	--------------------	--------------------

stumpf
 blunt
 mousse
 romo
 smusso



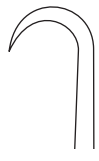





220 mm – 8¾" 1:2	tk 17059-01	tk 17059-02	tk 17059-03	tk 17059-04	tk 17059-06	tk 17059-08
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halbscharf
 semi-sharp
 semi-pointu
 semi-agudo
 semi-acuto






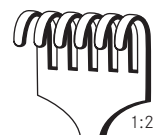
Wundhaken | Ecarteurs
 Retractors | Separadores
 Divaricatori



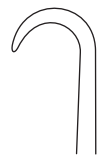





1:2

 1:1	 1:2	 1:2	 1:2	 1:2	 1:2
VOLKMANN					
215 mm – 8½"	tk 17061-21	tk 17062-21	tk 17063-21	tk 17064-21	tk 17066-21

scharf
sharp
 pointu
 agudo
 acuto

 1:1	 1:2	 1:2	 1:2	 1:2	 1:2
215 mm – 8½"	tk 17071-21	tk 17072-21	tk 17073-21	tk 17074-21	tk 17076-21

stumpf
blunt
 mousse
 romo
 smusso

 1:1	 1:2	 1:2	 1:2	 1:2	 1:2
215 mm – 8½"	tk 17078-01	tk 17078-02	tk 17078-03	tk 17078-04	tk 17078-06

halbscharf
semi-sharp
 semi-pointu
 semi-agudo
 semi-acuto

Wundhaken
Retractors

Ecarteurs
Separadores
Divaricatori



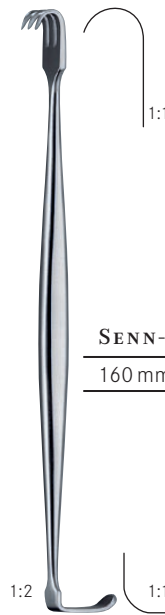
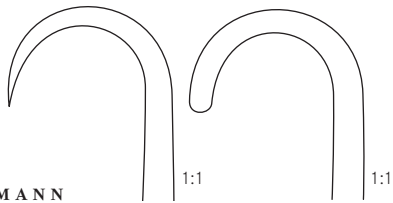
VOLKMANN

215 mm – 8½"

scharf
sharp
pointu
agudo
acuto

tk 17040-01	tk 17040-02
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stumpf
blunt
mousse
romo
smusso



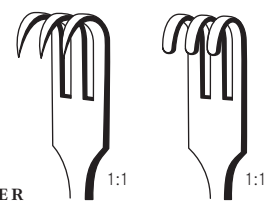
SENN-MUELLER

160 mm – 6¼"

scharf
sharp
pointu
agudo
acuto

tk 17080-16	tk 17081-16
-------------	-------------

stumpf
blunt
mousse
romo
smusso



KILNER

155 mm – 6"

tk 17082-15

13 mm x 5 mm

1:2

1:1



Wundhaken
Retractors

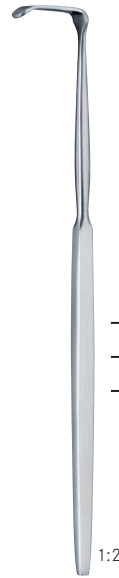
Ecarteurs
Separadores
Divaricatori



STRANDELL-
STILLE

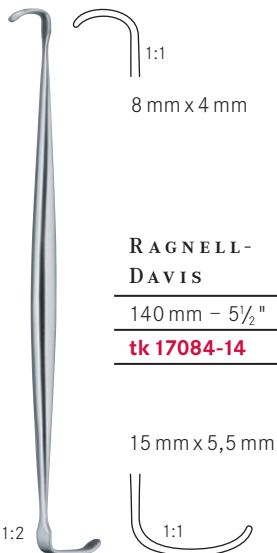
	20 mm x 6 mm	20 mm x 6 mm
190 mm – 7½"	tk 17079-01	tk 17079-02

gezahnt
saw edge
dentelé
dentado
dentato



SENN-GREEN

	20 mm x 6 mm	10 mm x 6 mm
150 mm – 6"	tk 17083-01	tk 17083-02



RAGNELL-
DAVIS

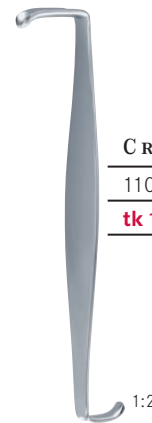
140 mm – 5½"
tk 17084-14

15 mm x 5,5 mm



COTTLE

150 mm – 6"
tk 17085-15

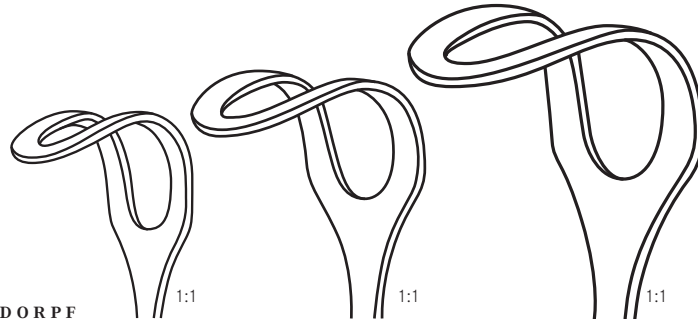


CRILE

110 mm – 4¼"
tk 17088-11

Wundhaken
Retractors

Ecarteurs
Separadores
Divaricatori



MIDDELDORPF

14 mm x 17 mm	20 mm x 22 mm	26 mm x 30 mm
215 mm – 8½"	220 mm – 8¾"	235 mm – 9¼"
tk 17085-21	tk 17086-22	tk 17087-23



1:2

MEYERDING



18 mm x 7 mm	10 mm x 3 mm	
180 mm – 7"	tk 17090-18	tk 17091-18



16 mm x 5 mm	7 mm x 4 mm	
180 mm – 7"	tk 17092-18	tk 17093-18

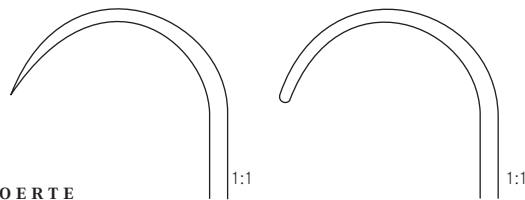


10 mm x 4 mm	7 mm x 4 mm	
180 mm – 7"	tk 17094-18	tk 17095-18

Wundhaken | Ecarteurs
 Retractors | Separadores
 Divaricatori



1:2



KOERTE		
	26 mm x 40 mm	26 mm x 40 mm
235 mm – 9¼"	tk 17096-08	tk 17097-08

scharf
sharp
 pointu
 agudo
 acuto

stumpf
blunt
 mousse
 romo
 smusso

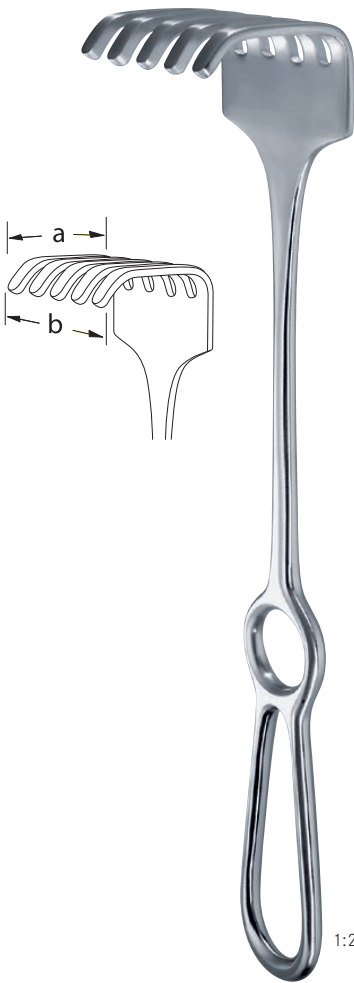


1:2

GREEN	
215 mm – 8½"	tk 17099-21

Wundhaken
Retractors

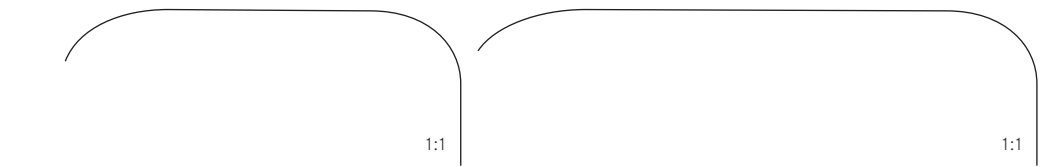
Ecarteurs
Separadores
Divaricatori



	a = 40 mm – b = 40 mm	a = 45 mm – b = 50 mm
250 mm – 9 3/4" "	tk 17100-25	tk 17101-25

4 Zähne
4 Teeth
4 Dents
4 Dientes
4 Denti

5 Zähne
5 Teeth
5 Dents
5 Dientes
5 Denti



	a = 50 mm – b = 60 mm	a = 70 mm – b = 70 mm
250 mm – 9 3/4" "	tk 17102-25	tk 17103-25

6 Zähne
6 Teeth
6 Dents
6 Dientes
6 Denti

6 Zähne
6 Teeth
6 Dents
6 Dientes
6 Denti



	Fig. 1	Fig. 2	Fig. 3
	30 mm x 11 mm	30 mm x 14 mm	30 mm x 16 mm
220 mm – 8 3/4" "	tk 17110-01	tk 17110-02	tk 17110-03








	Fig. 4	Fig. 5
	40 mm x 11 mm	50 mm x 11 mm
220 mm – 8 3/4" "	tk 17110-04	tk 17110-05

Wundhaken | Ecarteurs
 Retractors | Separadores
 Divaricatori



LANGENBECK

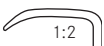



	 1:1	 1:1	 1:1
	Fig. 1	Fig. 2	Fig. 3
	30 mm x 11 mm	30 mm x 14 mm	30 mm x 16 mm
210 mm – 8¼"	tk 17112-01	tk 17112-02	tk 17112-03




	 1:1	 1:1
	Fig. 4	Fig. 5
	40 mm x 11 mm	50 mm x 11 mm
210 mm – 8¼"	tk 17112-04	tk 17112-05



1:2



KOCHER-LANGENBECK (OBWEGESER)

	 1:2	 1:2	 1:2	 1:2
	25 mm x 7 mm	35 mm x 8 mm	35 mm x 11 mm	35 mm x 15 mm
215 mm – 8½"	tk 17114-01	tk 17114-02	tk 17114-03	tk 17114-04

	 1:2	 1:2	 1:2
	42 mm x 10 mm	55 mm x 12 mm	70 mm x 14 mm
215 mm – 8½"	tk 17114-05	tk 17114-06	tk 17114-07

	 1:2	 1:2
	80 mm x 12 mm	80 mm x 16 mm
215 mm – 8½"	tk 17114-08	tk 17114-09

1:2

Wundhaken
Retractors

Ecarteurs
Separadores
Divaricatori



CUSHING



	x = 8 mm	x = 10 mm	x = 12 mm	x = 14 mm	x = 16 mm	x = 18 mm
200 mm – 8"	tk 17200-08	tk 17200-10	tk 17200-12	tk 17200-14	tk 17200-16	tk 17200-18
240 mm – 9½"	tk 17201-08	tk 17201-10	tk 17201-12	tk 17201-14	tk 17201-16	tk 17201-18



OBWEGESER

	42 mm x 13 mm	60 mm x 12 mm
220 mm – 8¾"	tk 52715-01	tk 52715-02

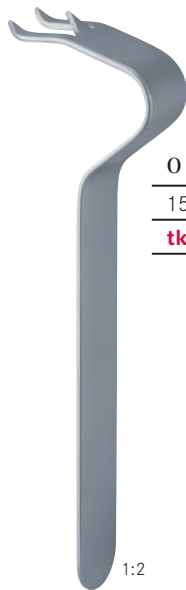
	80 mm x 16 mm
220 mm – 8¾"	tk 52715-03

Wundhaken | Ecarteurs
 Retractors | Separadores
 Divaricatori



OBWEGESER	1:1	1:1
	44 mm x 9,5 mm	70 mm x 11,5 mm
220 mm – 8¾"	tk 52717-22	tk 52719-22

1:2



OBWEGESER
155 mm – 6"
tk 52723-16

1:2



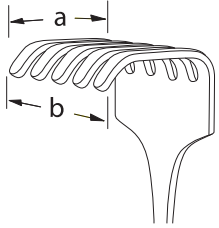
OBWEGESER	x = 8 mm	x = 10 mm
160 mm – 6¼"	tk 52725-08	tk 52725-10

biegsam
 malleable
 malléable
 malleable
 flessibile

1:2

Wundhaken
Retractors

Ecarteurs
Separadores
Divaricatori



OLLIER

	a = 36 mm – b = 30 mm	a = 36 mm – b = 60 mm
225 mm – 8¾"	tk 17105-03	tk 17105-04



KOCHER

	55 mm x 11 mm	40 mm x 12 mm
210 mm – 8¼"	tk 17115-21	tk 17116-21

Wundhaken
Retractors

Ecarteurs
Separadores
Divaricatori



1:2

LANGENBECK

	60 mm x 20 mm
210 mm – 8¼"	tk 17117-60



1:2

LANGENBECK

	85 mm x 15 mm
210 mm – 8¼"	tk 17117-85

Griff vertikal zum Blatt

Handle vertical to the blade



Poignée verticale à la lame

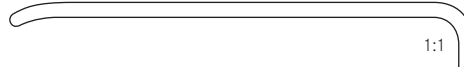
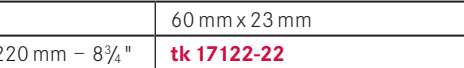
Mango vertical a la hoja

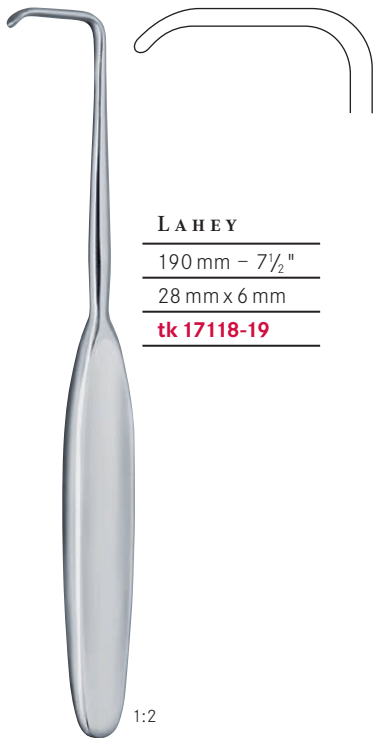
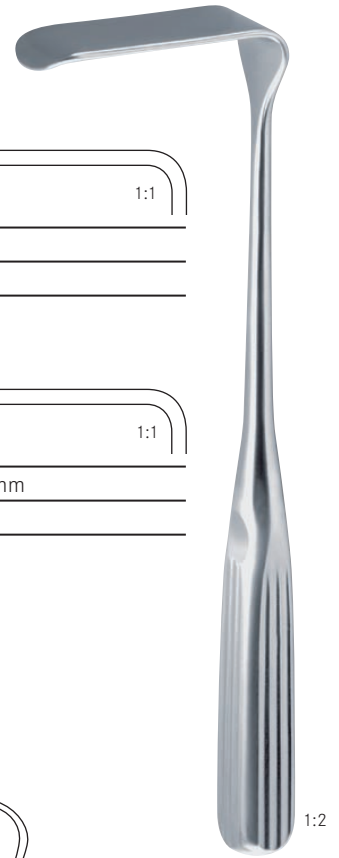
Manico verticale verso la lama

Wundhaken
Retractors

Ecarteurs
Separadores
Divaricatori

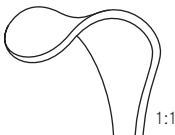
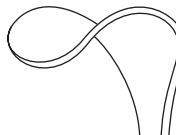
SAUERBRUCH		
	45 mm x 15 mm	75 mm x 20 mm
225 mm – 8¾" 	tk 17120-22	tk 17121-22

	60 mm x 23 mm
220 mm – 8¾" 	tk 17122-22

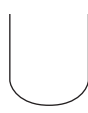



LAHEY
190 mm – 7½"
28 mm x 6 mm
tk 17118-19




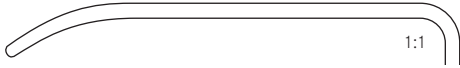
KOCHER		
	19 mm x 12 mm	21 mm x 14 mm
190 mm – 7½" 	tk 17125-01	tk 17125-02






KOCHER			
	40 mm x 10 mm	40 mm x 15 mm	40 mm x 20 mm
220 cm – 8¾" 	tk 17127-01	tk 17127-02	tk 17127-03

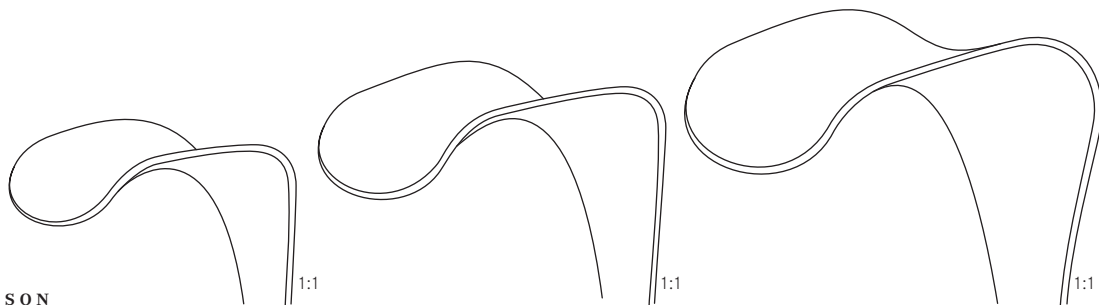
Wundhaken | Ecarteurs
 Retractors | Separadores
 Divaricatori


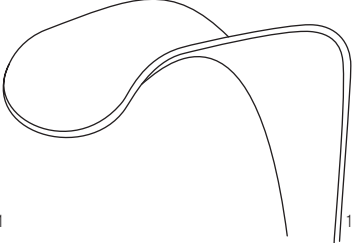
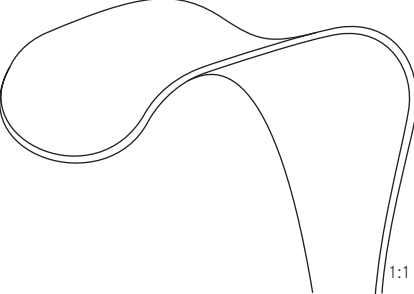


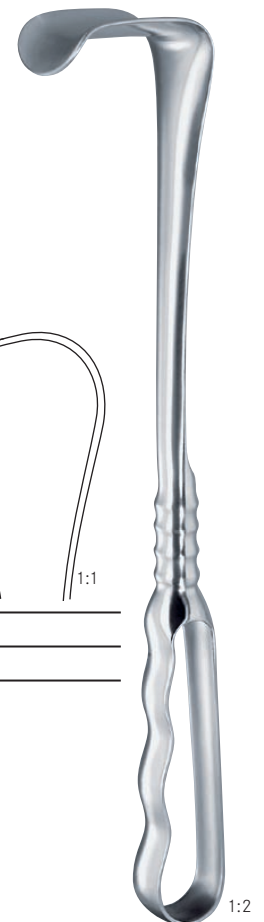
KOCHER	 1:1	 1:1
	40 mm x 18 mm	60 mm x 20 mm
230 mm – 9"	tk 17128-18	tk 17128-20

	 1:1	 1:1
	60 mm x 25 mm	75 mm x 30 mm
230 mm – 9"	tk 17128-25	tk 17128-30

	 1:1
	75 mm x 40 mm
230 mm – 9"	tk 17128-40



RICHARDSON	 1:1	 1:1	 1:1
	28 mm x 20 mm	36 mm x 28 mm	44 mm x 38 mm
240 mm – 9½"	tk 17130-24	tk 17131-24	tk 17132-24



Wundhaken
Retractors

Ecarteurs
Separadores
Divaricatori



RICHARDSON-EASTMAN

1:2



RICHARDSON

1:2



KELLY

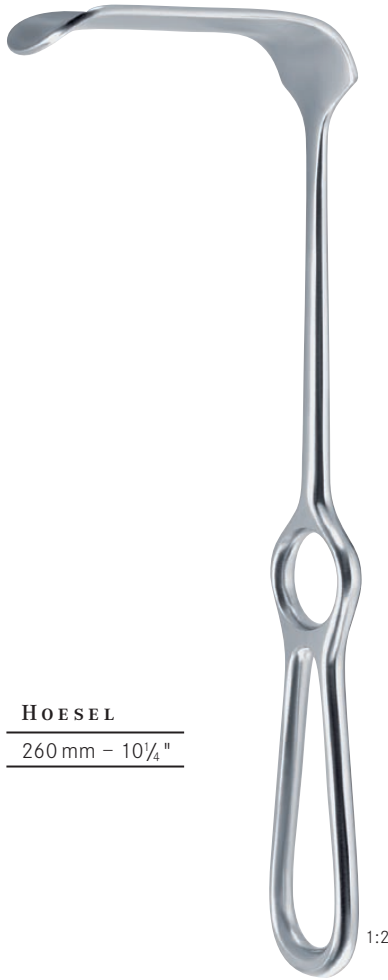
1:2

	Fig. 1	Fig. 2
	280 mm – 11 "	260 mm – 10 ¼ "
	49 mm x 38 mm	36 mm x 28 mm
	63 mm x 49 mm	28 mm x 20 mm
tk 17135-01	x	
tk 17135-02		x
tk 17135-00	x	x

240 mm – 9 ½ "
52 mm x 22 mm
tk 17133-24

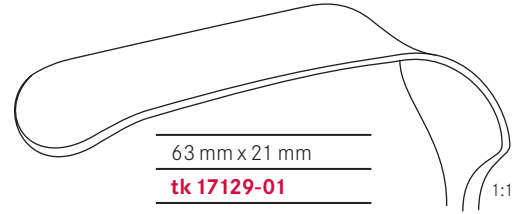
260 mm – 10 ¼ "
65 mm x 50 mm
tk 17134-26

Wundhaken | Ecarteurs
 Retractors | Separadores
 Divaricatori



HOESEL
 260 mm – 10¼"

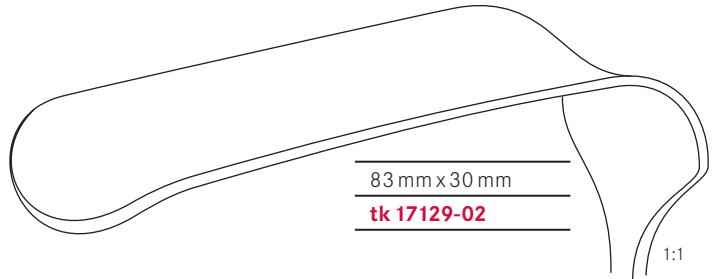
1:2



63 mm x 21 mm

tk 17129-01

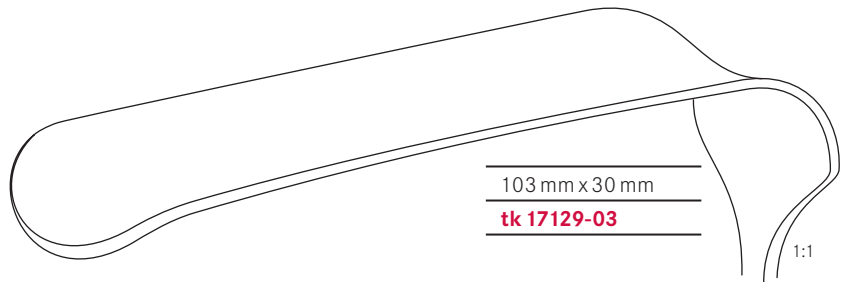
1:1



83 mm x 30 mm

tk 17129-02

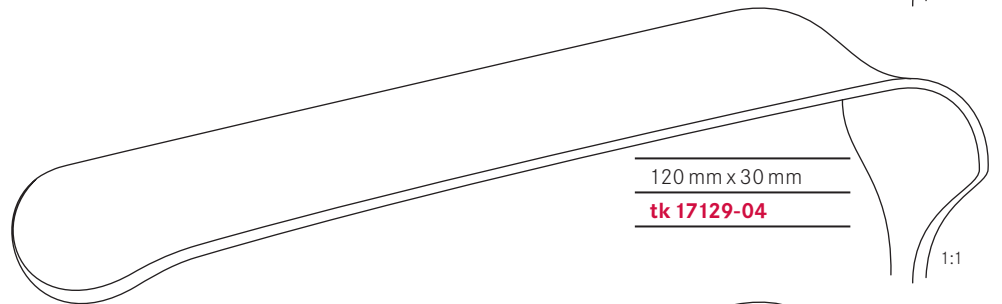
1:1



103 mm x 30 mm

tk 17129-03

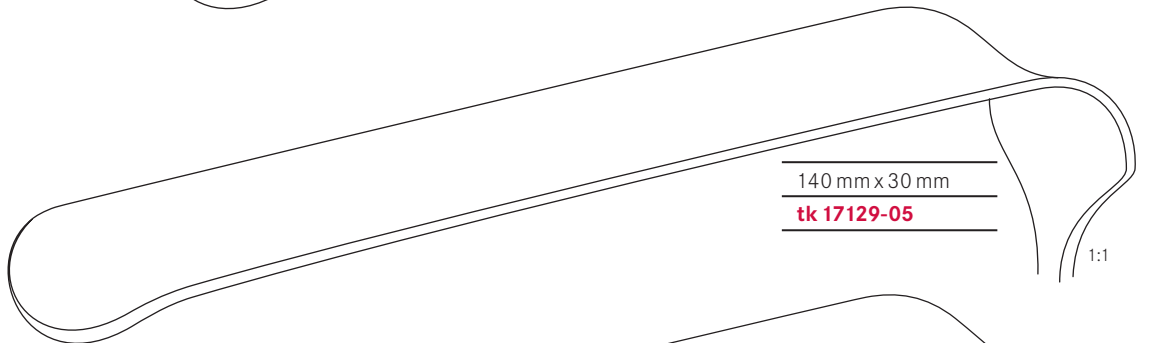
1:1



120 mm x 30 mm

tk 17129-04

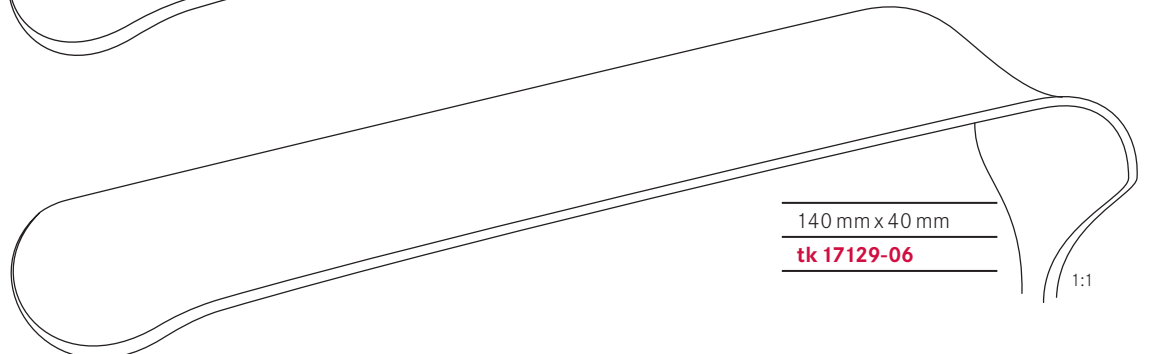
1:1



140 mm x 30 mm

tk 17129-05

1:1



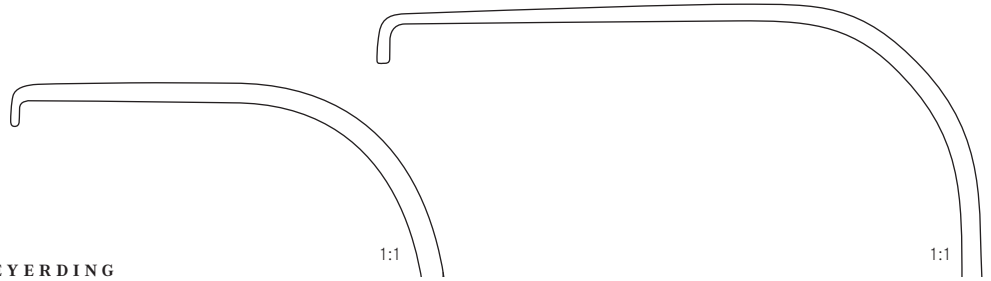
140 mm x 40 mm

tk 17129-06

1:1

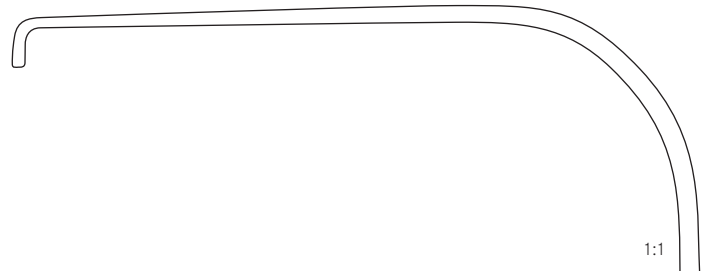
Wundhaken
Retractors

Ecarteurs
Separadores
Divaricatori

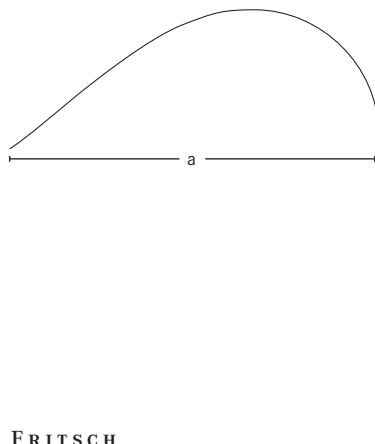


MEYERDING

200 mm – 8"	220 mm – 8 ³ / ₄ "
50 mm x 16 mm	75 mm x 25 mm
tk 17140-20	tk 17141-22



240 mm – 9 ¹ / ₂ "
90 mm x 50 mm
tk 17142-24



FRITSCH

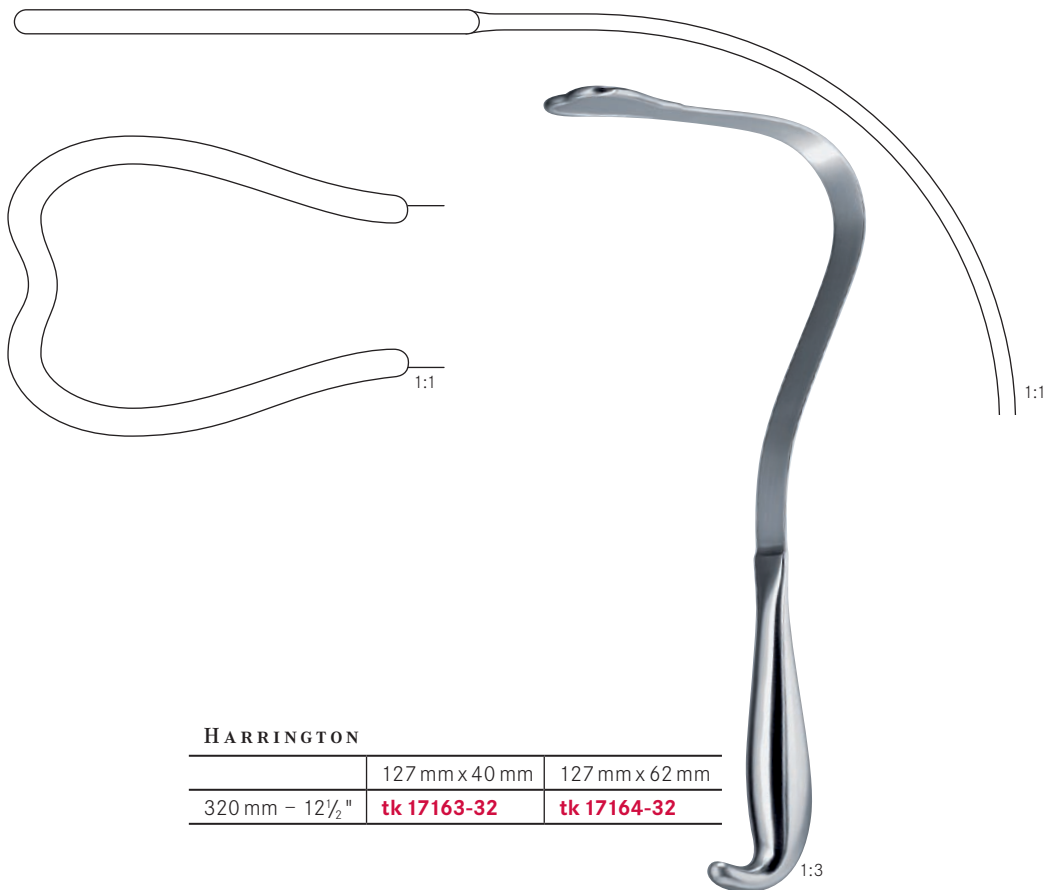
235 mm – 9 ¹ / ₄ "	a = 37 mm – b = 31 mm	tk 17150-24
240 mm – 9 ¹ / ₂ "	a = 38 mm – b = 40 mm	tk 17151-24
250 mm – 9 ³ / ₄ "	a = 43 mm – b = 51 mm	tk 17152-24
250 mm – 9 ³ / ₄ "	a = 49 mm – b = 61 mm	tk 17153-24
255 mm – 10"	a = 48 mm – b = 75 mm	tk 17154-24
265 mm – 10 ¹ / ₂ "	a = 65 mm – b = 85 mm	tk 17155-24

Wundhaken
Retractors

Ecarteurs
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Divaricatori



SIMON		
	115 mm x 22 mm	115 mm x 27 mm
280 cm – 11 "	tk 17160-28	tk 17161-28



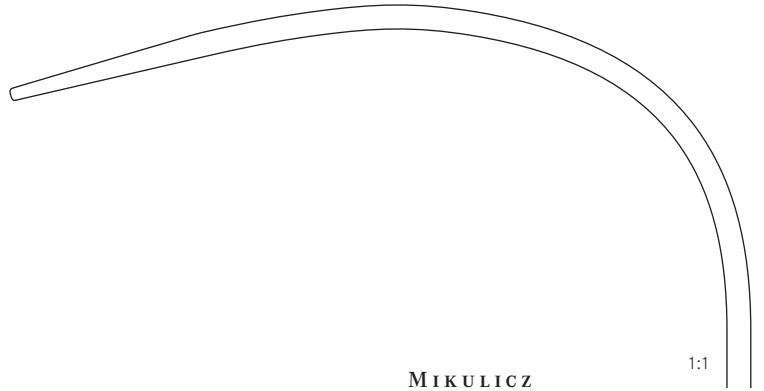
HARRINGTON		
	127 mm x 40 mm	127 mm x 62 mm
320 mm – 12½ "	tk 17163-32	tk 17164-32

Wundhaken
Retractors

Ecarteurs
Separadores
Divaricatori



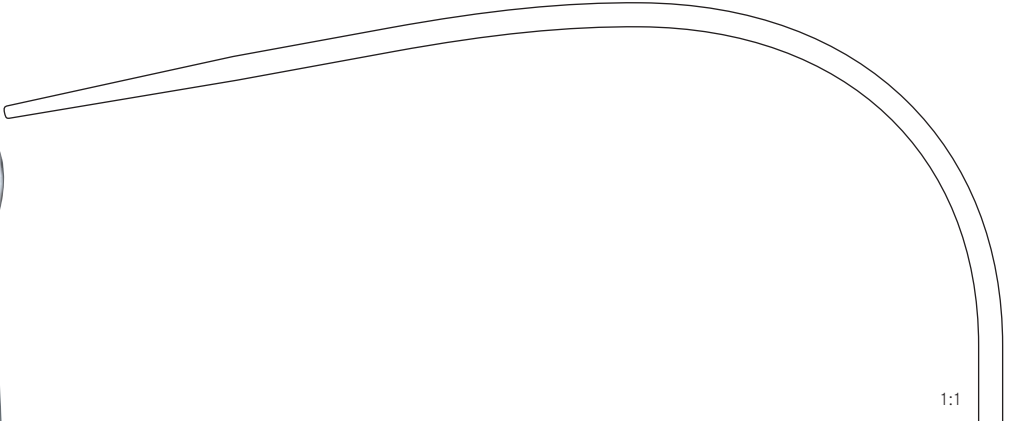
1:2



1:1

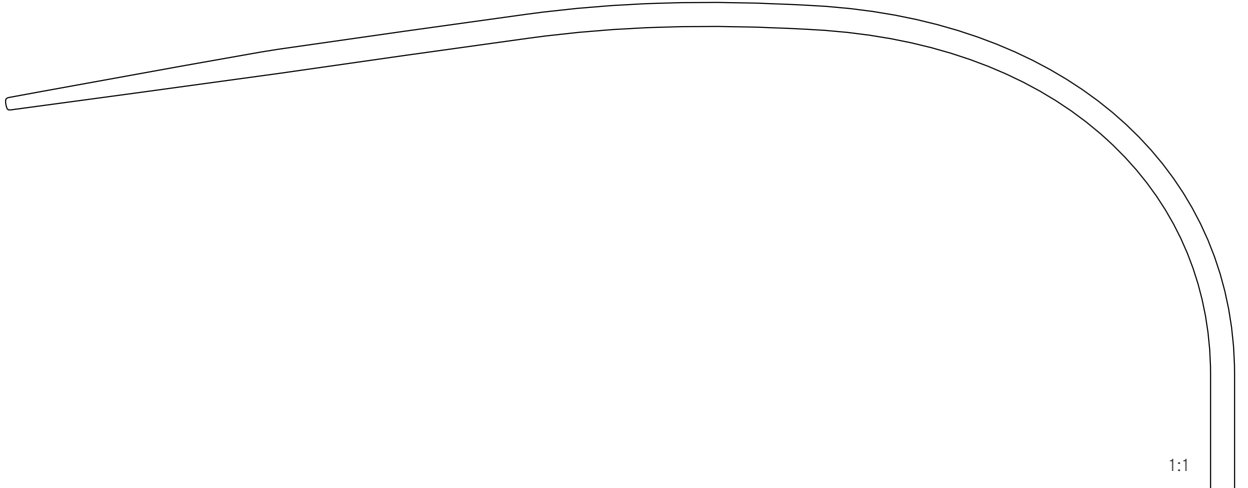
MIKULICZ

	95 mm x 35 mm
260 mm – 10 1/4"	tk 17170-26



1:1

120 mm x 50 mm
tk 17171-26



1:1

150 mm x 50 mm
tk 17172-26

Wundhaken | Ecarteurs
 Retractors | Separadores
 Divaricatori



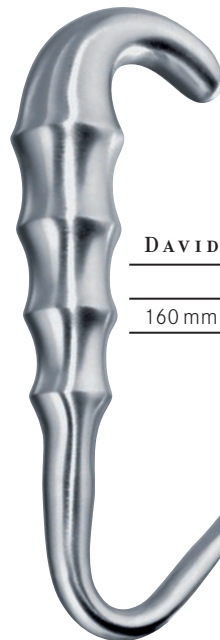
MIKULICZ

260 mm – 10 1/4"

90 mm x 50 mm

tk 17174-26

1:2



DAVIDSON

a = 75 mm – b = 50 mm

a = 75 mm – b = 90 mm

160 mm – 6 1/4"

tk 17176-01

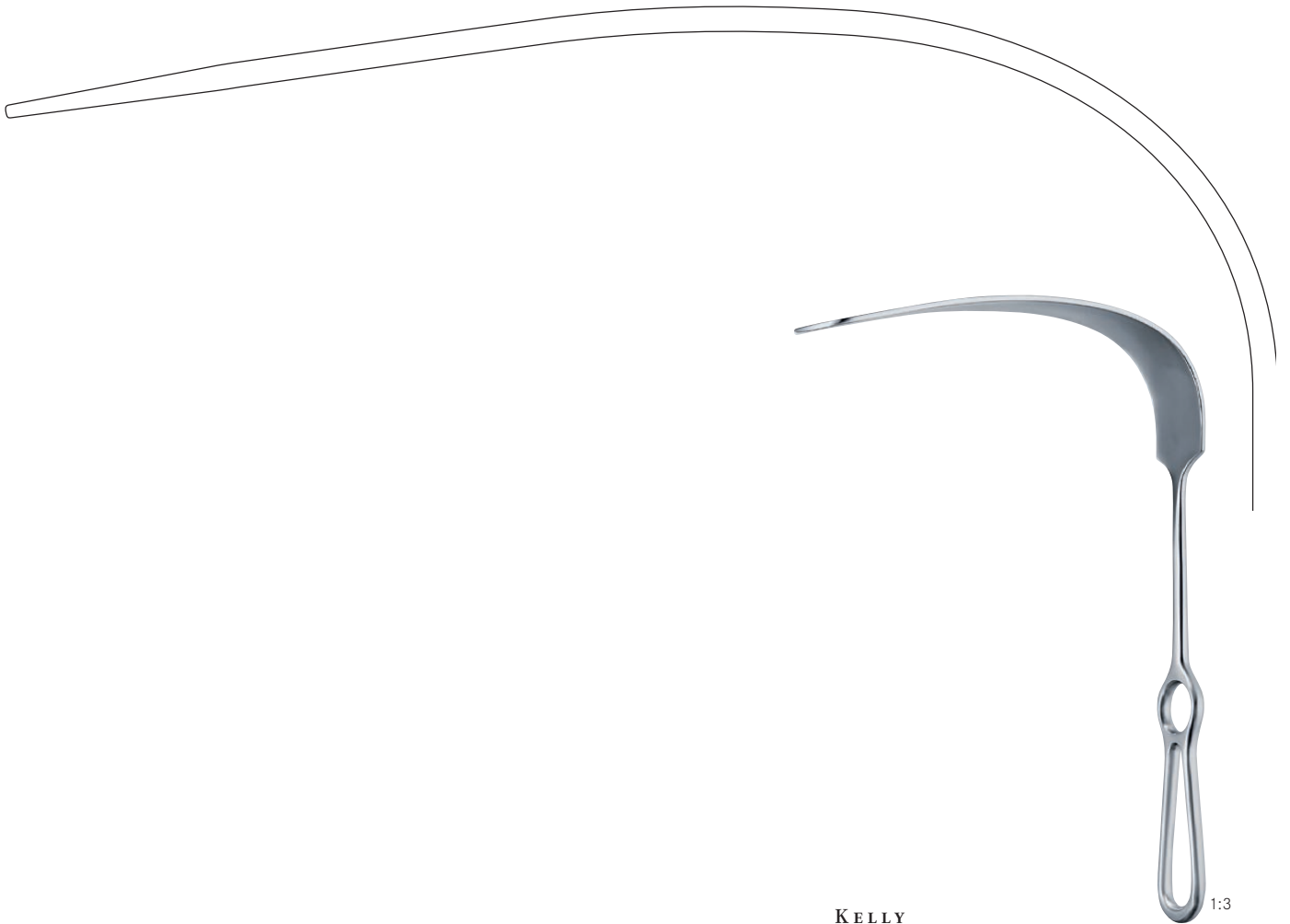
tk 17176-02



1:2

Wundhaken
Retractors

Ecarteurs
Separadores
Divaricatori



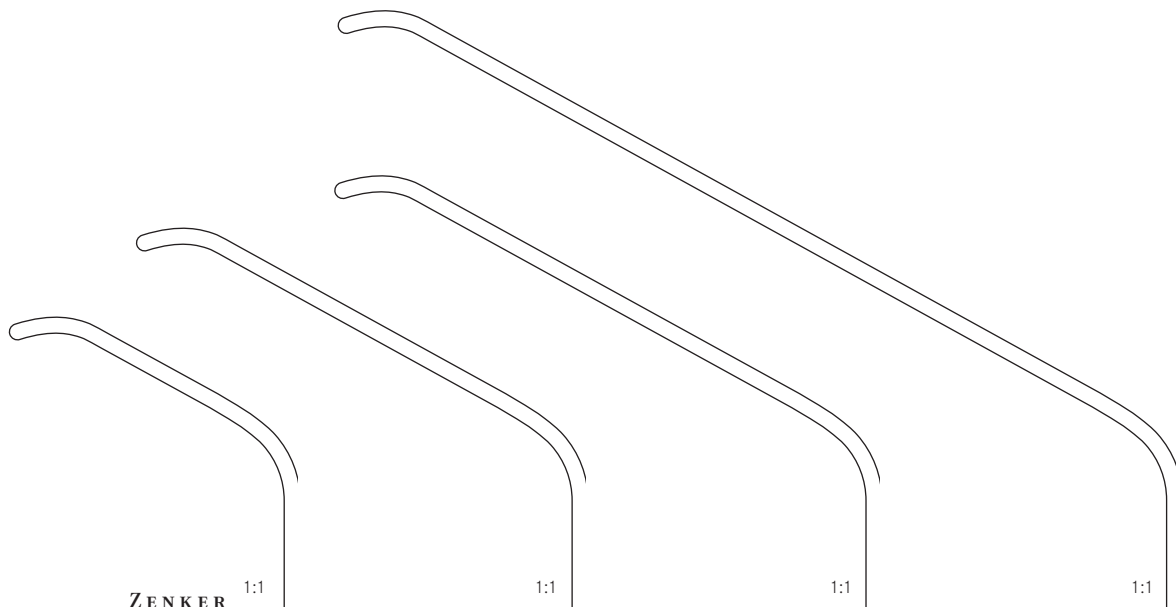
KELLY

	190 mm x 38 mm	190 mm x 57 mm
270 mm – 10 $\frac{3}{4}$ "	tk 17178-01	tk 17178-02

Wundhaken | Ecarteurs
 Retractors | Separadores
 Divaricatori



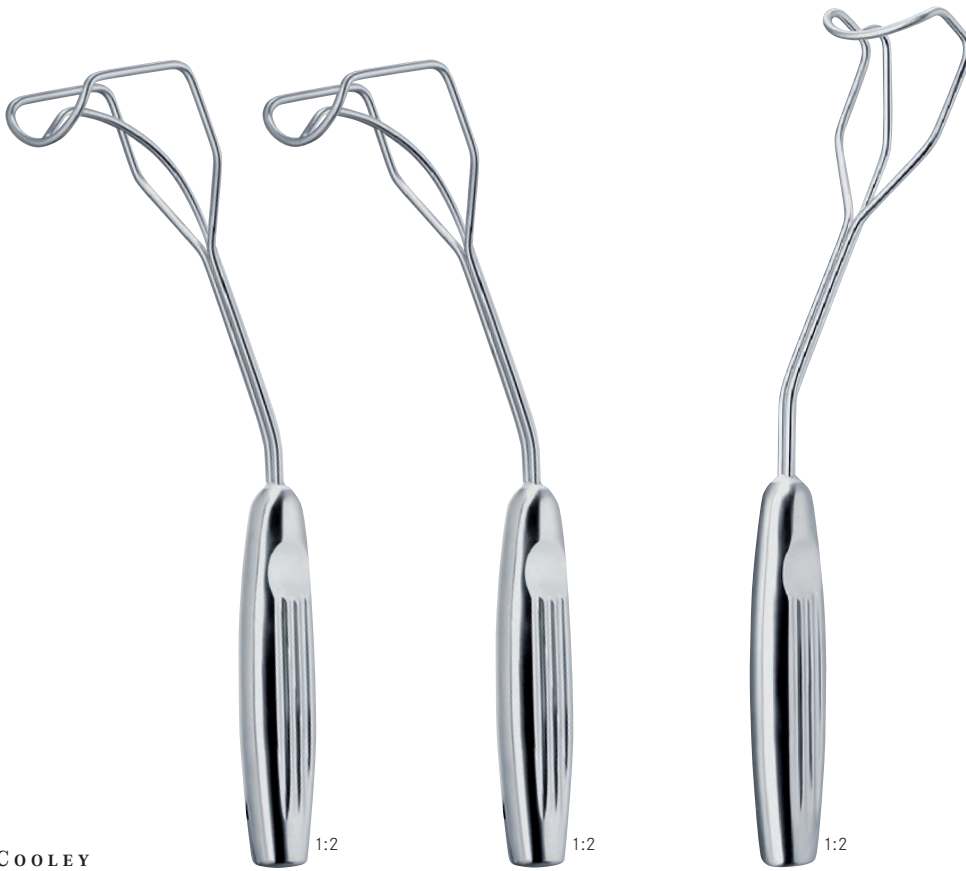
1:3



ZENKER 1:1	1:1	1:1	1:1
250 mm – 9¾"	260 mm – 10¼"	275 mm – 10¾"	290 mm – 11½"
35 mm x 8 mm	60 mm x 12 mm	75 mm x 12 mm	120 mm x 12 mm
tk 17179-01	tk 17179-02	tk 17179-03	tk 17179-04

Wundhaken
Retractors

Ecarteurs
Separadores
Divaricatori



COOLEY

250 mm – 9¾"	250 mm – 9¾"	270 mm – 10½"
tk 17180-01	tk 17180-02	tk 17180-03

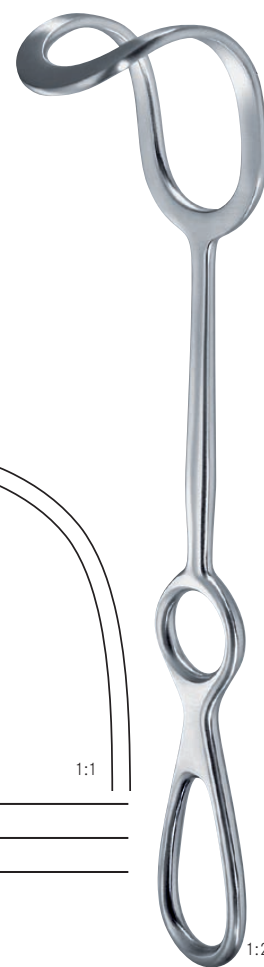
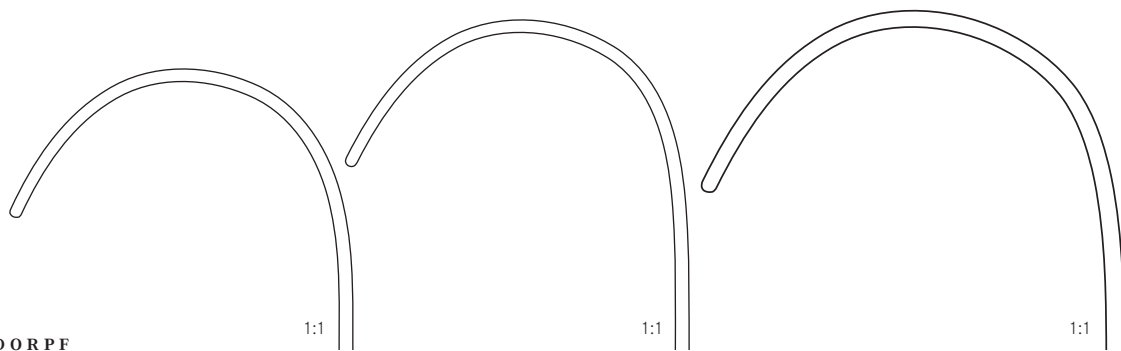
rechts
right
droite
derecha
destra

rechts, gerieft
right, serrated
droite, strié
derecha, estriada
destra, zigrinato

links
left
gauche
izquierda
sinistra

Wundhaken
Retractors

Ecarteurs
Separadores
Divaricatori



MIDDELDORPF

1:1

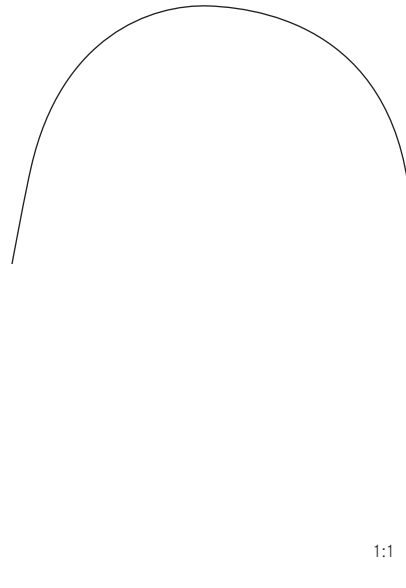
1:1

1:1

	45 mm x 45 mm	45 mm x 50 mm	55 mm x 70 mm
255 mm – 10"	tk 17181-01	tk 17181-02	tk 17181-03

Wundhaken
Retractors

Ecarteurs
Separadores
Divaricatori



DOYEN

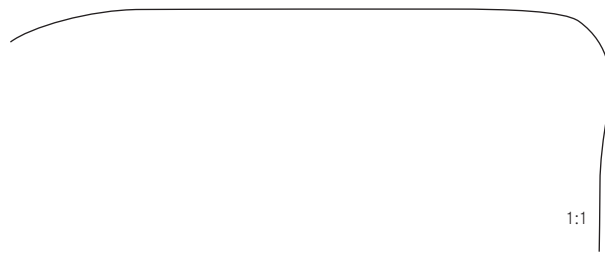
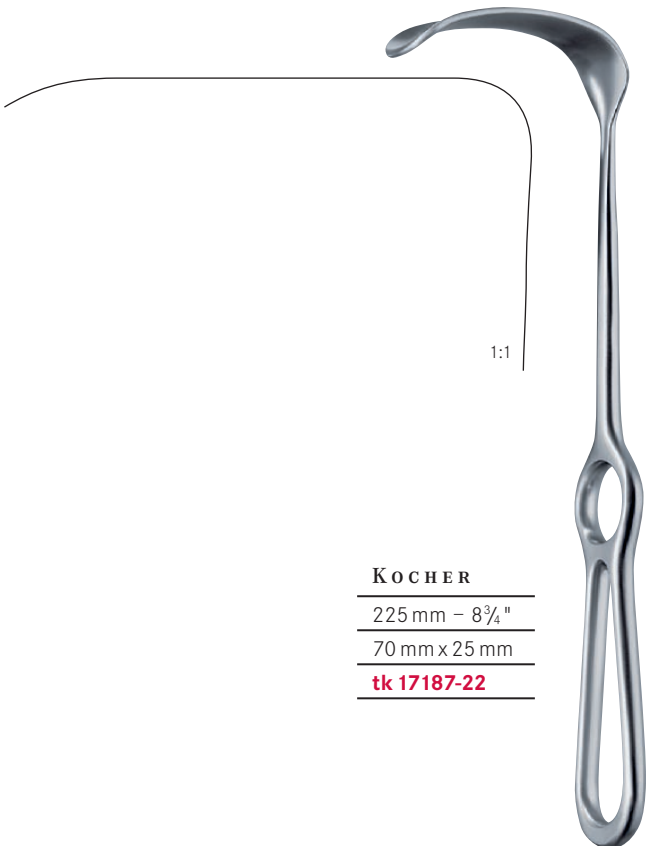
250 mm – 9¾"

50 mm x 85 mm

tk 17184-25

1:2

1:1



1:1

1:1

KOCHER

225 mm – 8¾"

70 mm x 25 mm

tk 17187-22

1:2

KOCHER

250 mm – 9¾"

80 mm x 45 mm **tk 17188-01**

80 mm x 55 mm **tk 17188-02**

80 mm x 65 mm **tk 17188-03**

1:2

Wundhaken
Retractors

Ecarteurs
Separadores
Divaricatori



TUFFIER

230 mm – 9"

64 mm x 60 mm

tk 17189-23

1:3



MARTIN

250 mm – 9¾"

105 mm x 27 mm

tk 17192-25

1:1

1:3



SAUERBRUCH

250 mm – 9¾"

125 mm x 37 mm



tk 17196-25

1:1

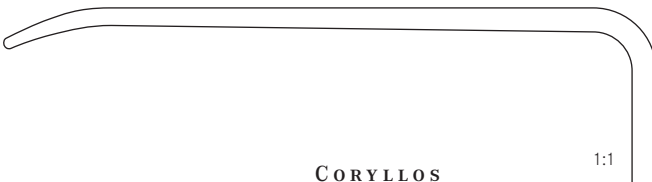
1:3

Wundhaken
Retractors


Ecarteurs
Separadores
Divaricatori

HEANEY	 1:1	 1:1
	45 mm x 25 mm	73 mm x 28 mm
270 mm – 10 $\frac{3}{4}$ "	tk 17193-01	tk 17193-02

 1:1
82 mm x 28 mm
tk 17193-03

CORYLLOS	 1:1
	82 mm x 22 mm
240 mm – 9 $\frac{1}{2}$ "	tk 17194-01

 1:1
108 mm x 43 mm
tk 17194-02

 1:1
115 mm x 65 mm
tk 17194-03

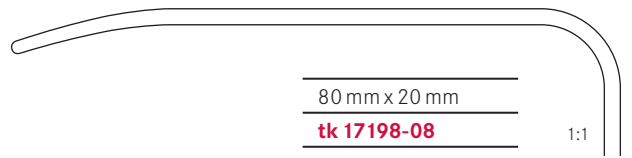


Wundhaken | Ecarteurs
 Retractors | Separadores
 Divaricatori



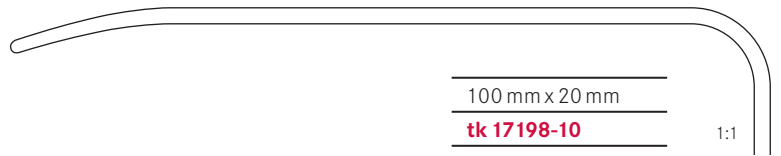
BRUNNER
 250 mm – 9¾"

1:2



80 mm x 20 mm
tk 17198-08

1:1



100 mm x 20 mm
tk 17198-10

1:1



120 mm x 25 mm
tk 17198-12

1:1



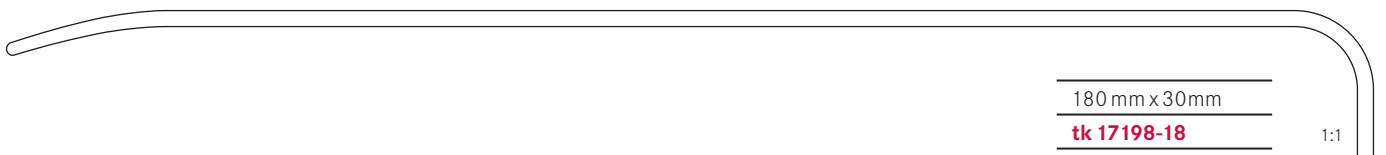
140 mm x 25 mm
tk 17198-14

1:1



160 mm x 30 mm
tk 17198-16

1:1



180 mm x 30 mm
tk 17198-18

1:1







Wundhaken
Retractors

Ecarteurs
Separadores
Divaricatori






Wundhaken | Ecarteurs
 Retractors | Separadores
 Divaricatori



GIL-VERNET	 1:1	 1:1	 1:1	 1:1	 1:1	 1:1
	x = 8 mm	x = 11 mm	x = 15 mm	x = 17 mm	x = 20 mm	x = 23 mm
240 mm – 9½"	tk 17203-08	tk 17203-11	tk 17203-15	tk 17203-17	tk 17203-20	tk 17203-23

biegsam
malleable
 malléable
maleable
 malleabile



ST. MARKS	 1:3	 1:3	 1:3
290 mm – 11½"	325 mm – 12¾"	330 mm – 13"	
130 mm x 60 mm	180 mm x 60 mm	180 mm x 60 mm	
tk 17214-01	tk 17214-02	tk 17214-03	

Wundhaken
Retractors

Ecarteurs
Separadores
Divaricatori

CUSHING

200 mm – 8"

tk 17204-20



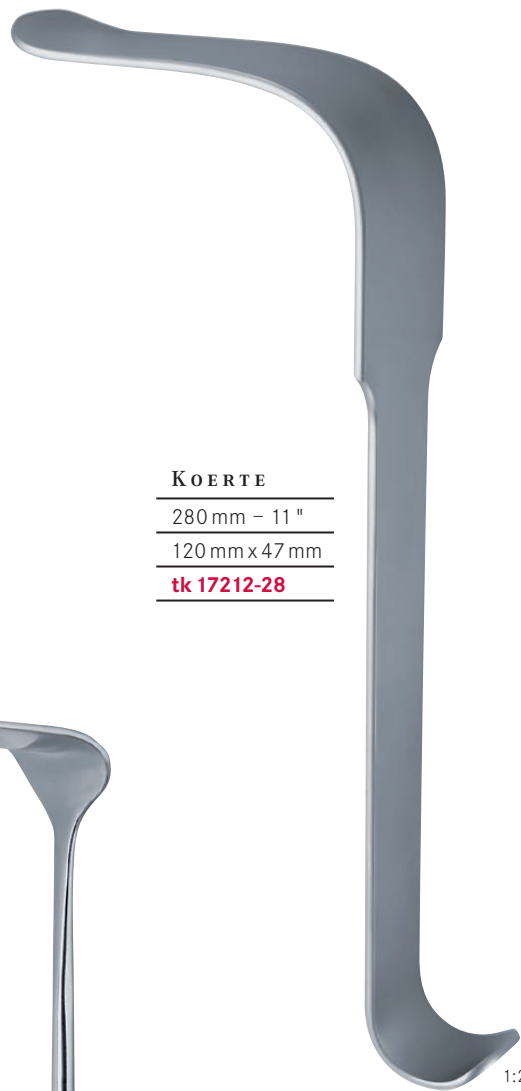
1:2

KOERTE

280 mm – 11"

120 mm x 47 mm

tk 17212-28



1:2



1:2

MORRIS

210 mm – 8 1/4"

50 mm x 55 mm

tk 17215-21



1:2

MORRIS

	70 mm x 40 mm	70 mm x 50 mm	70 mm x 65 mm
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245 mm – 9 3/4"	tk 17900-40	tk 17900-50	tk 17900-65
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Wundhaken
Retractors

Ecarteurs
Separadores
Divaricatori



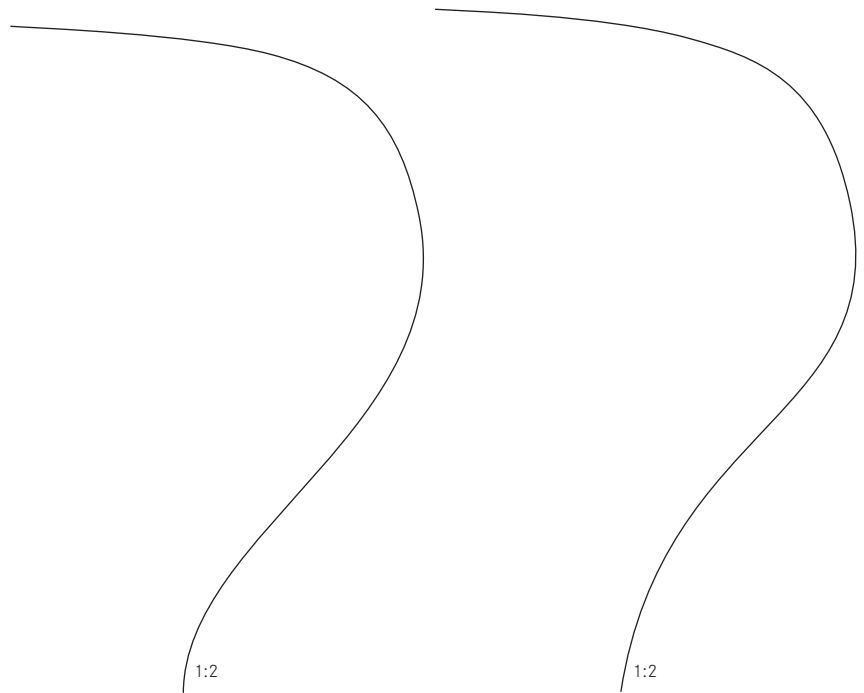
DEAVER

315 mm – 12½"

1:3



	x = 25 mm	x = 38 mm	x = 50 mm
	tk 17285-25	tk 17285-38	tk 17285-50



x = 75 mm	x = 100 mm
tk 17285-75	tk 17286-10

Wundhaken
Retractors

Ecarteurs
Separadores
Divaricatori



DEAVER

180 mm – 7"	215 mm – 8½"	230 mm – 9"
x = 19 mm	x = 22 mm	x = 25 mm
tk 17219-18	tk 17222-21	tk 17225-23

Wundhaken
Retractors

Ecarteurs
Separadores
Divaricatori



DEAVER	300 mm – 12"	330 mm – 13"	360 mm – 14¼"
	x = 25 mm	x = 25 mm	x = 25 mm
	tk 17225-30	tk 17225-33	tk 17225-36

Wundhaken
Retractors

Ecarteurs
Separadores
Divaricatori



DEAVER

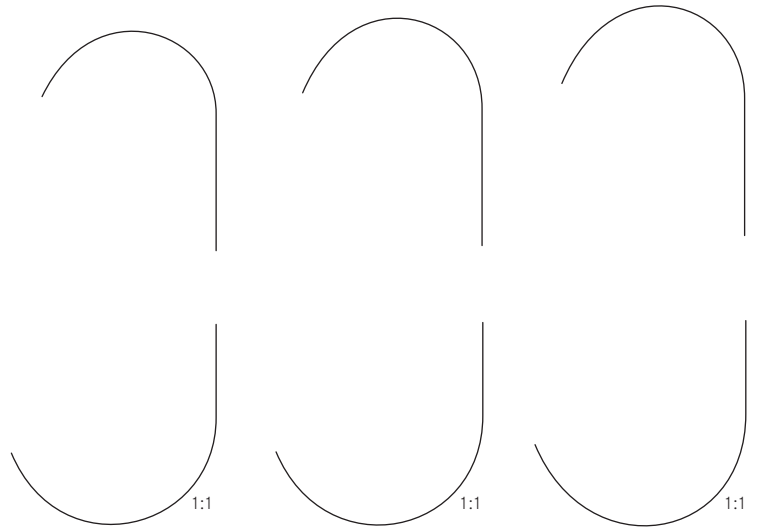
1:2

1:2

1:2

300 mm – 12"	300 mm – 12"	300 mm – 12"
x = 38 mm	x = 50 mm	x = 75 mm
tk 17238-30	tk 17250-30	tk 17275-30

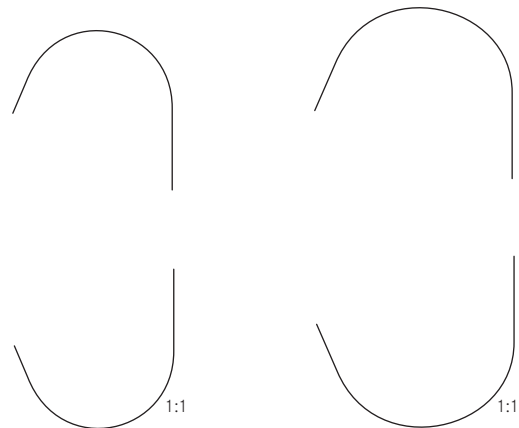
Wundhaken | Ecarteurs
 Retractors | Separadores
 Divaricatori



ROUX

	Fig. 1	Fig. 2	Fig. 3
	140 mm – 5½"	150 mm – 6"	170 mm – 6¾"
	24 mm x 20 mm	29 mm x 26 mm	33 mm x 29 mm
	30 mm x 28 mm	36 mm x 36 mm	38 mm x 43 mm
	tk 17301-14	tk 17302-15	tk 17303-17
tk 17300-00	x	x	x

Satz
 Set
 Jeu
 Juego
 Serie



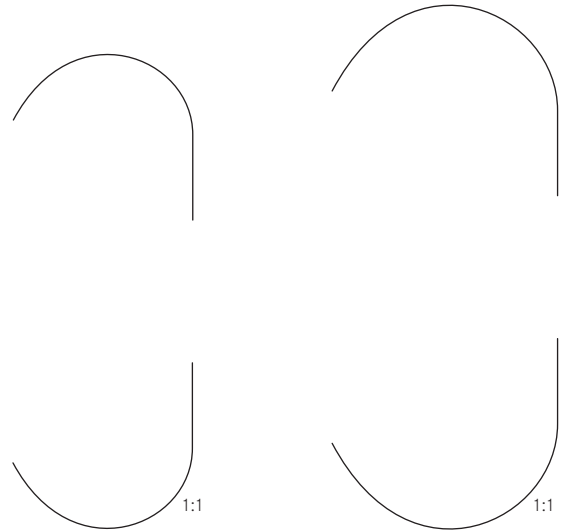
PARKER

	Fig. 1	Fig. 2
	135 mm – 5¼"	135 mm – 5¼"
	18 mm x 15 mm	22 mm x 15 mm
tk 17305-00	x	x

Satz
 Set
 Jeu
 Juego
 Serie

Wundhaken
Retractors

Ecarteurs
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Divaricatori



PARKER

180 mm – 7"	Fig. 1	Fig. 2
	26 mm x 25 mm	29 mm x 25 mm
	27 mm x 25 mm	27 mm x 25 mm
tk 17305-18	x	x

Satz
Set
Jeu
Juego
Serie



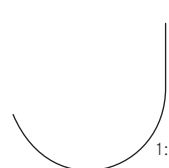
MINI-ROUX

145 mm – 5³/₄"
8 mm x 6 mm
tk 17306-01



BABY-ROUX

130 mm – 5"
17 mm x 16 mm
18 mm x 22 mm
tk 17306-02

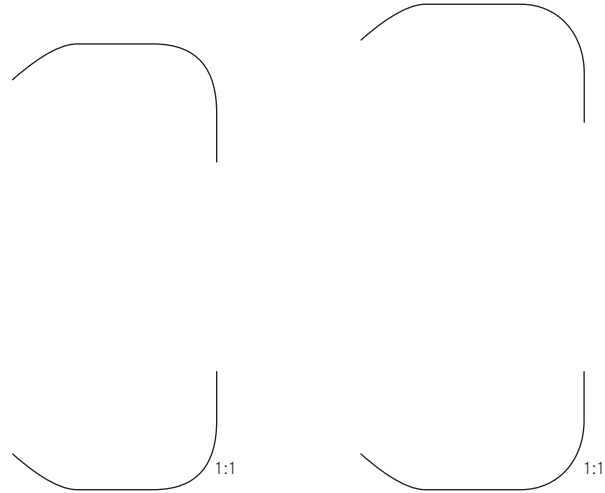


Wundhaken
Retractors

Ecarteurs
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Divaricatori



1:2



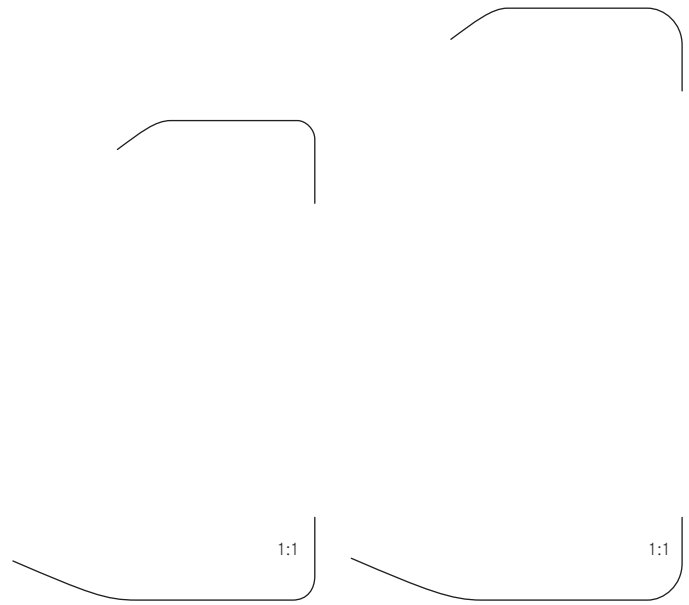
MAYO-COLLIN

150 mm – 6"	Fig. 1	Fig. 2
	25 mm x 18 mm	28 mm x 19 mm
	28 mm x 18 mm	32 mm x 19 mm
tk 17307-00	x	x

Satz
Set
Jeu
Juego
Serie



1:2



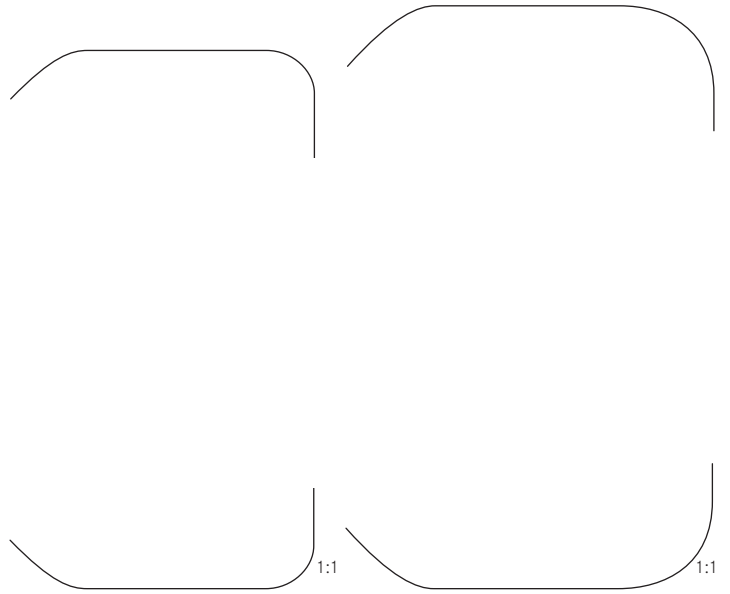
PARKER-LANGENBECK
(US ARMY)

210 mm – 8¼"	Fig. 1	Fig. 2
	21 mm x 24 mm	25 mm x 24 mm
	40 mm x 15 mm	45 mm x 15 mm
tk 17309-00	x	x

Satz
Set
Jeu
Juego
Serie

Wundhaken
Retractors

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Divaricatori



MATHIEU

200 mm – 8"	Fig. 1	Fig. 2
	42 mm x 13 mm	47 mm x 13 mm
	42 mm x 26 mm	46 mm x 26 mm
tk 17310-00	x	x

Satz

Set

Jeu

Juego

Serie

Wundhaken | Ecarteurs
 Retractors | Separadores
 Divaricatori

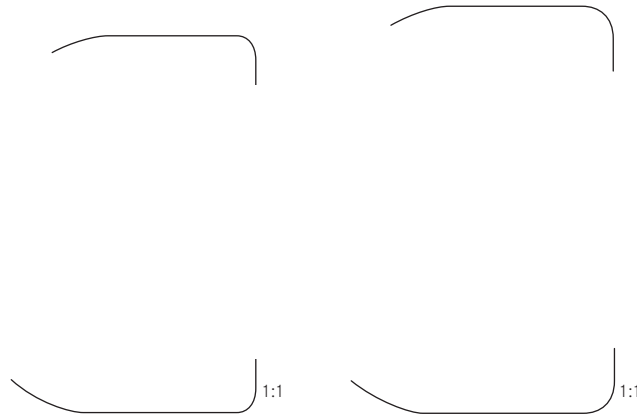


1:2

FARABEUF

120 mm – 4¾"	Fig. 1	Fig. 2
	26 mm x 10 mm	30 mm x 10 mm
	30 mm x 12 mm	34 mm x 12 mm
tk 17311-12	x	x

Satz
 Set
 Jeu
 Juego
 Serie

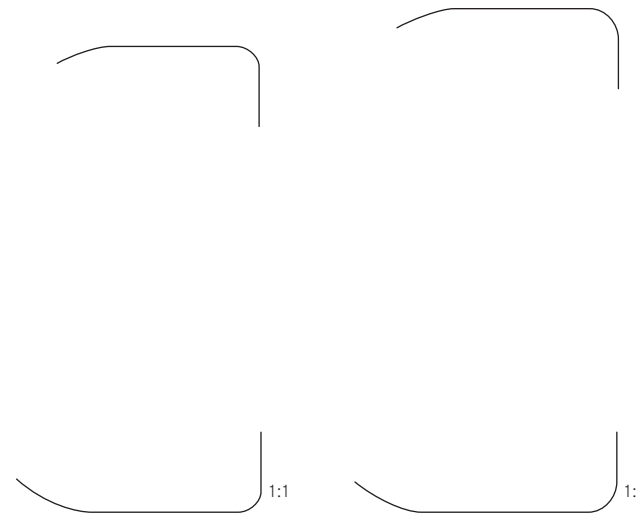


1:2

FARABEUF

150 mm – 6"	Fig. 1	Fig. 2
	23 mm x 16 mm	27 mm x 16 mm
	26 mm x 16 mm	30 mm x 16 mm
tk 17312-15	x	x

Satz
 Set
 Jeu
 Juego
 Serie



Wundsperrer
Self-retaining retractors

Ecarteurs autostatiques
Separadores autoestáticos
Divaricatori autostatici



ALM

70 mm – 2¾"	tk 17330-07	tk 17330-17	tk 17331-07
100 mm – 4"	tk 17330-10	tk 17330-20	tk 17331-10

scharf <i>sharp</i>	halbscharf <i>semi sharp</i>	stumpf <i>blunt</i>
pointu <i>agudo</i>	semi pointu <i>semi agudo</i>	mousse <i>romo</i>
acuto	semi acuto	smusso



HOLTZHEIMER

100 mm – 4"	tk 17336-10	tk 17337-10
-------------	--------------------	--------------------

scharf <i>sharp</i>	stumpf <i>blunt</i>
pointu <i>agudo</i>	mousse <i>romo</i>
acuto	smusso



BOSE

70 mm – 2¾"
tk 17395-07



JANSEN

100 mm – 4"	tk 17480-01	tk 17480-02
110 mm – 4¼"		tk 17482-11

scharf <i>sharp</i>	stumpf <i>blunt</i>
pointu <i>agudo</i>	mousse <i>romo</i>
acuto	smusso

Wundsperrer
Self-retaining retractors

Ecarteurs autostatiques
Separadores autoestáticos
Divaricatori autostatici



CLOWARD-CONTOUR

140 mm – 5½"	tk 17406-01	tk 17406-02
3x4	scharf	3x4
	sharp	stumpf
		blunt
pointu		mousse
agudo		romo
acuto		smusso



WULLSTEIN

100 mm – 4"	tk 17408-01	tk 17408-02
3x3	scharf	3x3
	sharp	stumpf
		blunt
pointu		mousse
agudo		romo
acuto		smusso



WEITLANER-WULLSTEIN

130 mm – 5"	tk 17408-13	tk 17408-14
3x3	scharf	3x3
	sharp	stumpf
		blunt
pointu		mousse
agudo		romo
acuto		smusso



MILLIGAN

130 mm – 5"	tk 17409-13
3x3	scharf
	sharp
	stumpf
	blunt
	mousse
	romo
	smusso

Wundsperrer
Self-retaining retractors

Ecarteurs autostatiques
Separadores autoestáticos
Divaricatori autostatici

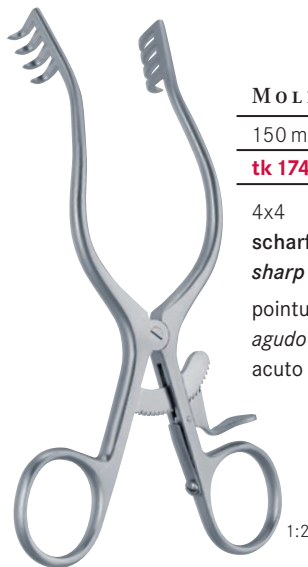


BELUCCI

110 mm – 4 1/4"	tk 17410-11	tk 17411-11
130 mm – 5"	tk 17410-13	tk 17411-13

1x2
links, stumpf
left, blunt
gauche, mousse
izquierda, romo
sinistra, smusso

1x2
rechts, stumpf
right, blunt
droit, mousse
derecha, romo
destra, smusso



MOLLISON

150 mm – 6"

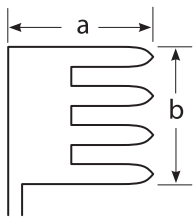
tk 17419-15

4x4
scharf
sharp
pointu
agudo
acuto

1:2

Wundsperrer
Self-retaining retractors

Ecarteurs autostatiques
Separadores autoestáticos
Divaricatori autostatici



WEITLANER-LOKTITE

105 mm – 4¼"	a = 17 mm – b = 13 mm	tk 17400-10	tk 17400-20	tk 17401-10			
130 mm – 5"	a = 17 mm – b = 17 mm				tk 17402-13	tk 17402-23	tk 17403-13
165 mm – 6½"	a = 17 mm – b = 17 mm				tk 17402-16	tk 17402-26	tk 17403-16
200 mm – 8"	a = 20 mm – b = 19 mm				tk 17404-20	tk 17404-30	tk 17405-20
260 mm – 10¼"	a = 26 mm – b = 21 mm				tk 17404-26	tk 17404-36	tk 17405-26
		2 x 3	2 x 3	2 x 3	3 x 4	3 x 4	3 x 4
		scharf	halbscharf	stumpf	scharf	halbscharf	stumpf
		sharp	semi sharp	blunt	sharp	semi sharp	blunt
		pointu	semi pointu	mousse	pointu	semi pointu	mousse
		agudo	semi agudo	romo	agudo	semi agudo	romo
		acuto	semi acuto	smusso	acuto	semi acuto	smusso

Wundsperrer
Self-retaining retractors

Ecarteurs autostatiques
Separadores autoestáticos
Divaricatori autostatici



PLESTER

130 mm – 5"

tk 17450-13

tk 17451-13

2x2

2x2

stumpf

scharf

blunt

sharp

mousse

pointu

romo

agudo

smusso

acuto



PLESTER

110 mm – 4¼"

tk 17452-11



tk 17453-11

2x1

1x2

links, stumpf

rechts, stumpf

left, blunt

right, blunt

gauche, mousse

droit, mousse

izquierda, romo

derecha, romo

sinistra, smusso

destra, smusso

Wundsperrer
Self-retaining retractors

Ecarteurs autostatiques
Separadores autoestáticos
Divaricatori autostatici



NORFOLK
AND NORWICH

220 mm – 8¾"

tk 17413-22

4x5
stumpf
blunt
mousse
romo
smusso

1:2



TRAVERS

215 mm – 8½"

tk 17412-20

4x5
stumpf
blunt
mousse
romo
smusso

1:2



ANDERSON-ADSON

195 mm – 7¾"

tk 17417-19

tk 17418-19

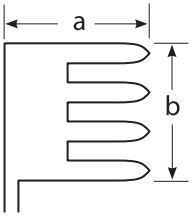
4x4
scharf
sharp
pointu
agudo
acuto

4x4
stumpf
blunt
mousse
romo
smusso

1:2

Wundsperrer
Self-retaining retractors

Ecarteurs autostatiques
Separadores autoestáticos
Divaricatori autostatici



ADSON (CONE)

130 mm – 5"	a = 17 mm – b = 19 mm	tk 17423-13	tk 17424-13
160 mm – 6¼"	a = 17 mm – b = 19 mm	tk 17423-16	tk 17424-16
200 mm – 8"	a = 20 mm – b = 20 mm	tk 17423-20	tk 17424-20
260 mm – 10¼"	a = 26 mm – b = 21 mm	tk 17423-26	tk 17424-26

3x4
scharf
sharp
pointu
agudo
acuto

3x4
stumpf
blunt
mousse
romo
smusso



BECKMANN-EATON

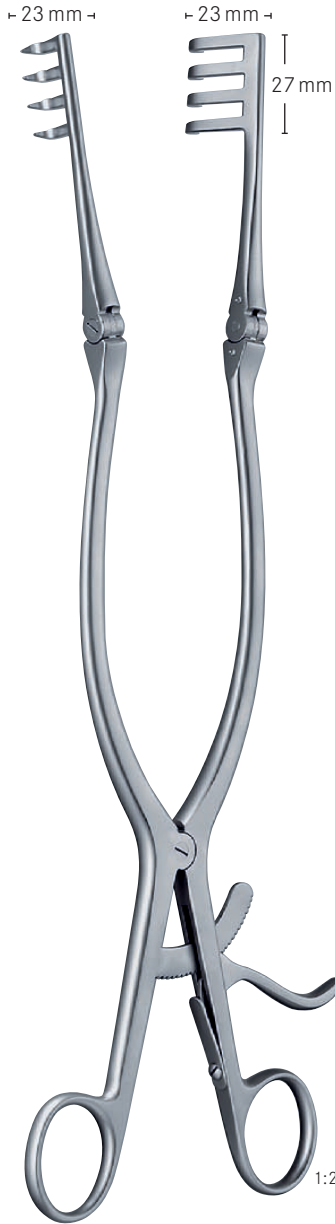
320 mm – 12½"
tk 17425-32

7x7
scharf
sharp
pointu
agudo
acuto

1:2

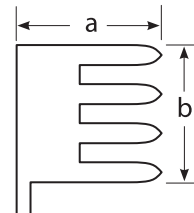
Wundsperrer
Self-retaining retractors

Ecarteurs autostatiques
Separadores autoestáticos
Divaricatori autostatici



BECKMANN

310 mm – 12 1/4"	tk 17427-31	tk 17427-41	tk 17428-31
4x4	4x4	4x4	4x4
scharf sharp	halbscharf semi sharp	halbscharf semi sharp	stumpf blunt
pointu agudo	semi pointu semi agudo	semi pointu semi agudo	mousse romo
acuto	semi acuto	semi acuto	smusso

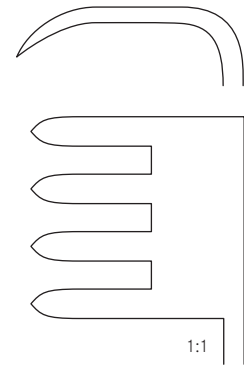
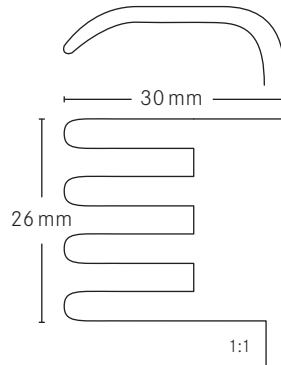
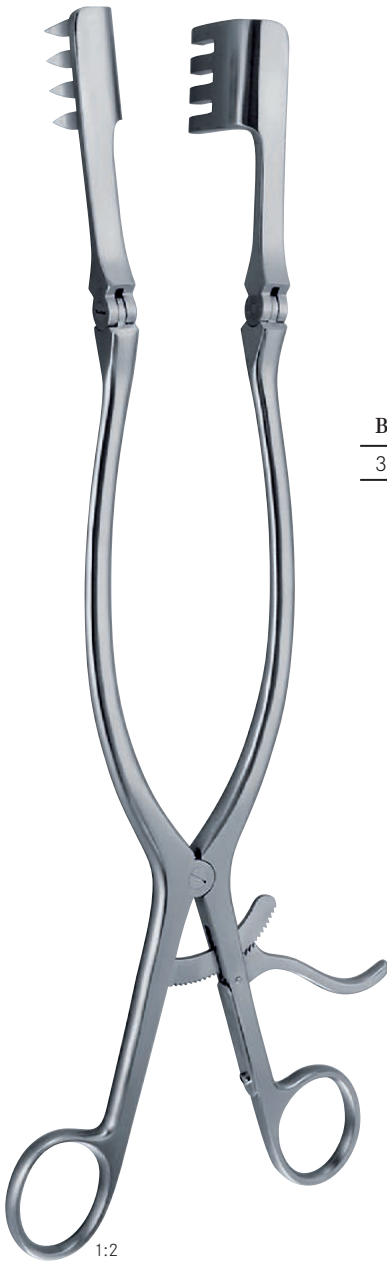


ADSON

		265 mm – 10 1/2"	265 mm – 10 1/2"
3x4	a = 24 mm – b = 24 mm	tk 17432-26	tk 17433-26
6x6	a = 40 mm – b = 40 mm	tk 17438-26	tk 17439-26
		scharf sharp	stumpf blunt
		pointu agudo	mousse romo
		acuto	smusso

Wundsperrer
Self-retaining retractors

Ecarteurs autostatiques
Separadores autoestáticos
Divaricatori autostatici



BECKMANN-ADSON

310 mm – 12 3/4"

tk 17441-00

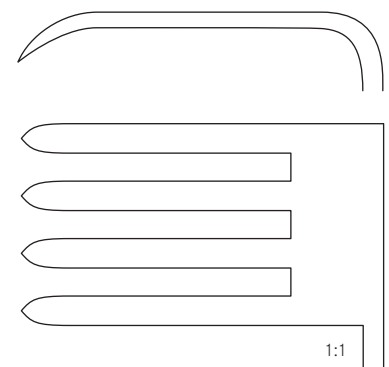
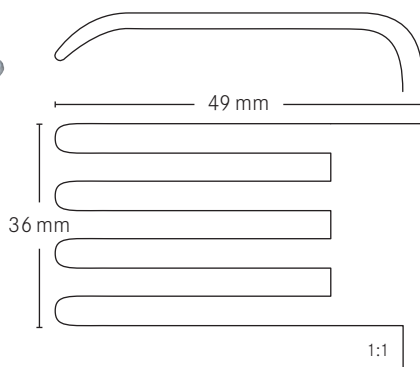
tk 17441-01

stumpf
blunt

scharf
sharp

mousse
romo
smusso

pointu
agudo
acuto



tk 17443-00

tk 17443-01

stumpf, mit tiefen Blättern
blunt, with deep blades
mousse, avec lames profondes
romo, con palas profundas
smusso, con valve profonda

scharf, mit tiefen Blättern
sharp, with deep blades
pointu, avec lames profondes
agudo, con palas profundas
acuto, con valve profonda

Wundsperrer
Self-retaining retractors

Ecarteurs autostatiques
Separadores autoestáticos
Divaricatori autostatici



GELPI-LOKTITE

90 mm – 3½"	tk 17470-09	
110 mm – 4¼"	tk 17470-11	
130 mm – 5"	tk 17470-13	
180 mm – 7"	tk 17470-18	tk 17471-18



MARKHAM-MEYERDING

180 mm – 7"	tk 17476-18	tk 17477-18
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rechts
right
droit
derecha
destra

links
left
gauche
izquierda
sinistra



RIGBY

180 mm – 7"	tk 17490-18
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Wundsperrer
Self-retaining retractors

Ecarteurs autostatiques
Separadores autoestáticos
Divaricatori autostatici



HENLEY

165 mm – 6½"	tk 17414-01	tk 17414-02
3x4 scharf <i>sharp</i> pointu <i>agudo</i> acuto		3x4 stumpf <i>blunt</i> mousse <i>romo</i> smusso

komplett mit 3 Mittelvalven
complete with 3 center blades
complet avec 3 valves centrales
completa con 3 valvas centrales
completo con 3 valve centrali



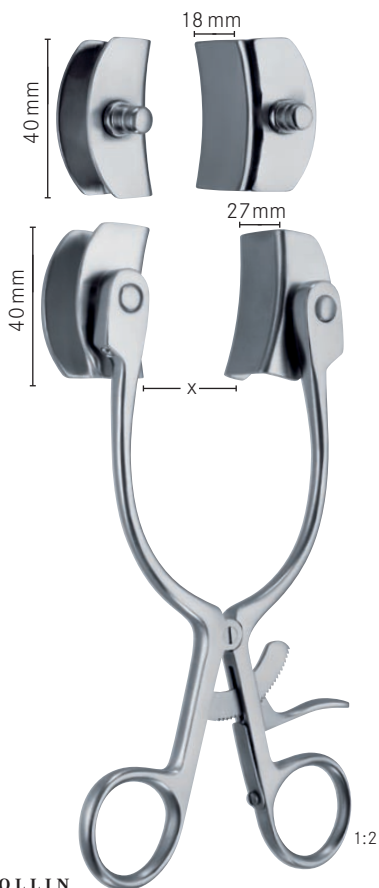
19 mm x 16 mm	25 mm x 16 mm	32 mm x 16 mm
tk 17472-19	tk 17472-25	tk 17472-32

Mittelvalven
Center blades

Valves centrales
Valvas centrales
Valve centrali

Bauchdeckenhalter
Abdominal retractors

Ecarteurs abdominaux
Separadores abdominales
Divaricatori addominali



BABY-COLLIN

180 mm – 7"		
x = 80 mm		
tk 17500-00	40 mm x 18 mm	40 mm x 27 mm

komplett mit 2 Paar Valven
complete with 2 pairs of blades
complet avec 2 paires de valves
completo con 2 pares de valvas
completo con 2 paia di valve



COLLIN

220 mm – 8 3/4"		
x = 100 mm		
tk 17500-22		



COLLIN

225 mm – 8 3/4"		
x = 100 mm		
tk 17501-22	a = 38 mm – b = 60 mm	a = 38 mm – b = 55 mm
tk 17502-22	a = 38 mm – b = 80 mm	a = 50 mm – b = 75 mm
tk 17503-22	a = 37 mm – b = 98 mm	a = 53 mm – b = 76 mm

komplett mit
complete with
complet avec
completo con
completo con

Seitenvalven
Lateral blades
Valves latérales
Valvas laterales
Valve laterali

Mittelvalve
Center blade
Valve centrale
Valva centrale
Valva centrale

Bauchdeckenhalter
Abdominal retractors

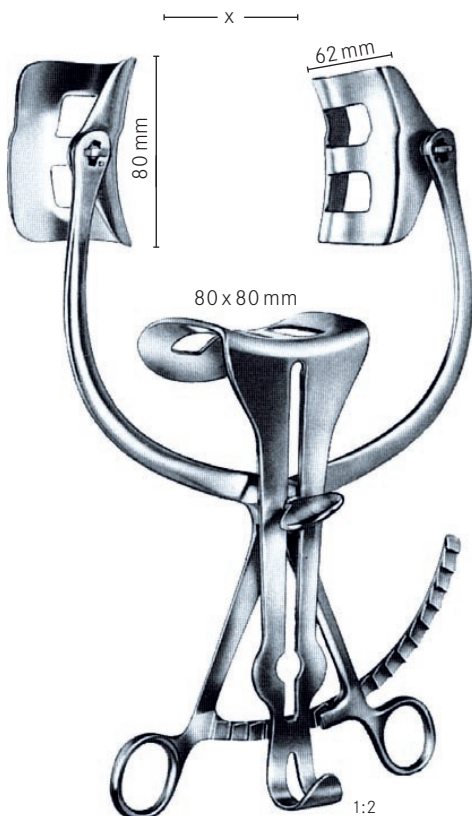
Ecarteurs abdominaux
Separadores abdominales
Divaricatori addominali



COLLIN

260 mm – 10 1/4"		
x = 100 mm		
tk 17504-00	60 mm x 80 mm	60 mm x 75 mm

komplett mit	Seitenvalven	Mittelvalve
complete with	Lateral blades	Center blade
complet avec	Valves latérales	Valve centrale
completo con	Valvas laterales	Valva central
completo con	Valve laterali	Valva centrale



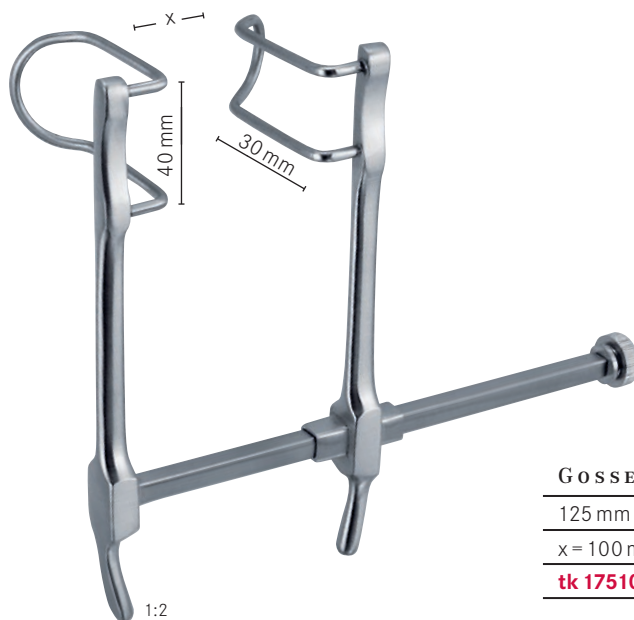
HOLZBACH

260 mm – 10 1/4"		
x = 100 mm		
tk 17507-00	62 mm x 80 mm	80 mm x 80 mm

komplett mit	Seitenvalven	Mittelvalve
complete with	Lateral blades	Center blade
complet avec	Valves latérales	Valve centrale
completo con	Valvas laterales	Valva centrale
completo con	Valve laterali	Valva centrale

Bauchdeckenhalter
Abdominal retractors

Ecarteurs abdominaux
Separadores abdominales
Divaricatori addominali

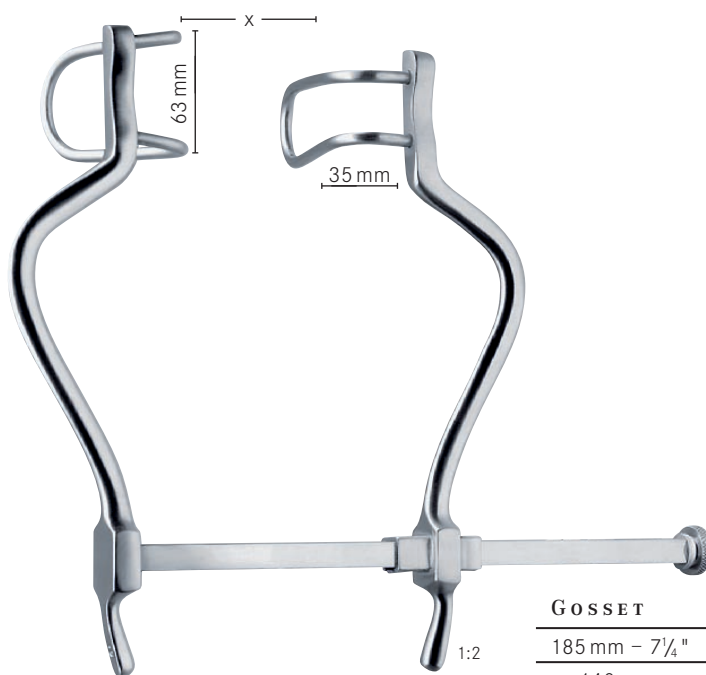


GOSSET

125 mm – 5"

x = 100 mm

tk 17510-90



GOSSET

185 mm – 7 1/4"

x = 140 mm

tk 17520-14

Bauchdeckenhalter
Abdominal retractors

Ecarteurs abdominaux
Separadores abdominales
Divaricatori addominali



GOSSET

x = 160 mm

tk 17530-16

35 mm x 63 mm

65 mm x 70 mm

komplett mit
complete with

Seitenvalven
Lateral blades

Mittelvalve
Center blade

complet avec
completo con
completo con

Valves latérales
Valvas laterales
Valve laterali

Valve centrale
Valva centrale
Valva centrale



BALFOUR

x = 200 mm

tk 17540-20

35 mm x 100 mm

70 mm x 100 mm

komplett mit
complete with

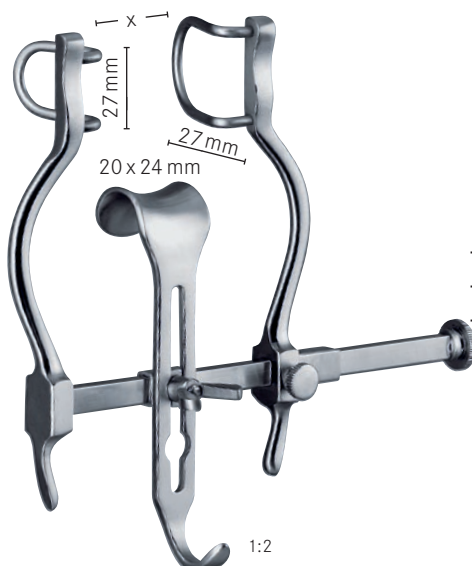
Seitenvalven
Lateral blades

Mittelvalve
Center blade

complet avec
completo con
completo con

Valves latérales
Valvas laterales
Valve laterali

Valve centrale
Valva centrale
Valva centrale



BALFOUR-BABY

x = 90 mm

tk 17550-09

27 mm x 27 mm

20 mm x 24 mm

komplett mit
complete with

Seitenvalven
Lateral blades

Mittelvalve
Center blade

complet avec
completo con
completo con

Valves latérales
Valvas laterales
Valve laterali

Valve centrale
Valva centrale
Valva centrale

Bauchdeckenhalter
Abdominal retractors

Ecarteurs abdominaux
Separadores abdominales
Divaricatori addominali



BALFOUR

x = 180 mm		
tk 17570-18	35 mm x 70 mm	45 mm x 80 mm
komplett mit <i>complete with</i>	Seitenvalven <i>Lateral blades</i>	Mittelvalve <i>Center blade</i>
complet avec	Valves latérales	Valve centrale
completo con	Valvas laterales	Valva centrale
completo con	Valve laterali	Valva centrale
x = 250 mm		
tk 17560-25	35 mm x 100 mm	70 mm x 85 mm
komplett mit <i>complete with</i>	Seitenvalven <i>Lateral blades</i>	Mittelvalve <i>Center blade</i>
complet avec	Valves latérales	Valve centrale
completo con	Valvas laterales	Valva centrale
completo con	Valve laterali	Valva centrale
45 mm x 80 mm	tk 17571-80	
70 mm x 85 mm	tk 17572-85	
80 mm x 90 mm	tk 17573-90	

Mittelvalven, allein
Center blades, only

Valves centrales, seul
Valvas centrales, sola
Valve centrali, solo

Bauchdeckenhalter
Abdominal retractors

Ecarteurs abdominaux
Separadores abdominales
Divaricatori addominali



RICARD

1:3



O'SULLIVAN-O'CONNOR

1:3

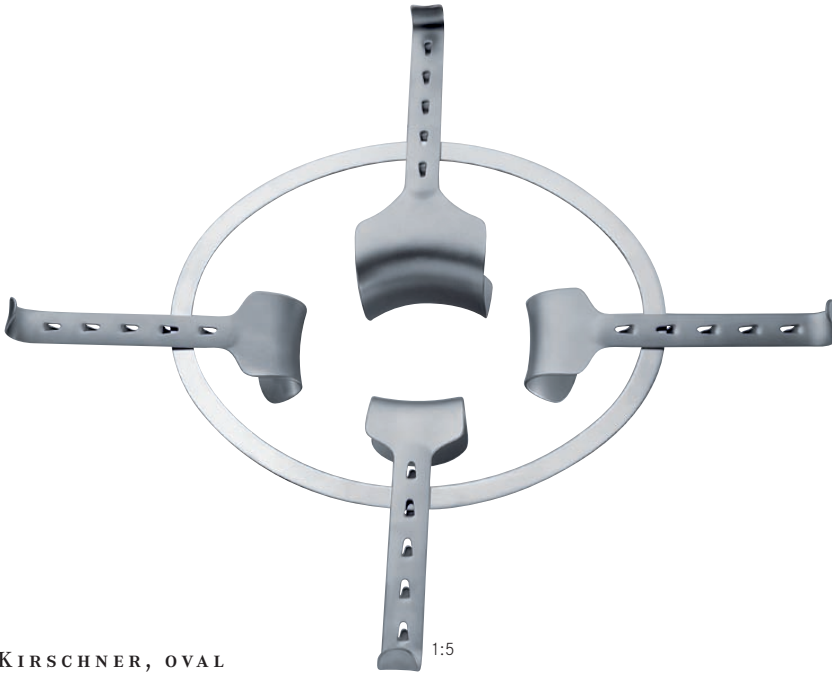
tk 17618-00	60 mm x 80 mm	55 mm x 70 mm
komplett mit	Seitenvalven	Mittelvalve
complete with	Lateral blades	Center blade
complet avec	Valves latérales	Valve centrale
completo con	Valvas laterales	Valva centrale
completo con	Valve laterali	Valva centrale

tk 17610-00	45 mm x 90 mm	70 mm x 100 mm
komplett mit	Seitenvalven	Mittelvalven
complete with	Lateral blades	Center blades
complet avec	Valves latérales	Valves centrales
completo con	Valvas laterales	Valvas centrales
completo con	Valve laterali	Valve centrali

tk 17620-00	70 mm x 85 mm	80 mm x 90 mm
komplett mit	Seitenvalven	Mittelvalve
complete with	Lateral blades	Center blade
complet avec	Valves latérales	Valve centrale
completo con	Valvas laterales	Valva centrale
completo con	Valve laterali	Valva centrale

Bauchdeckenhalter
Abdominal retractors

Ecarteurs abdominaux
Separadores abdominales
Divaricatori addominali



KIRSCHNER, OVAL

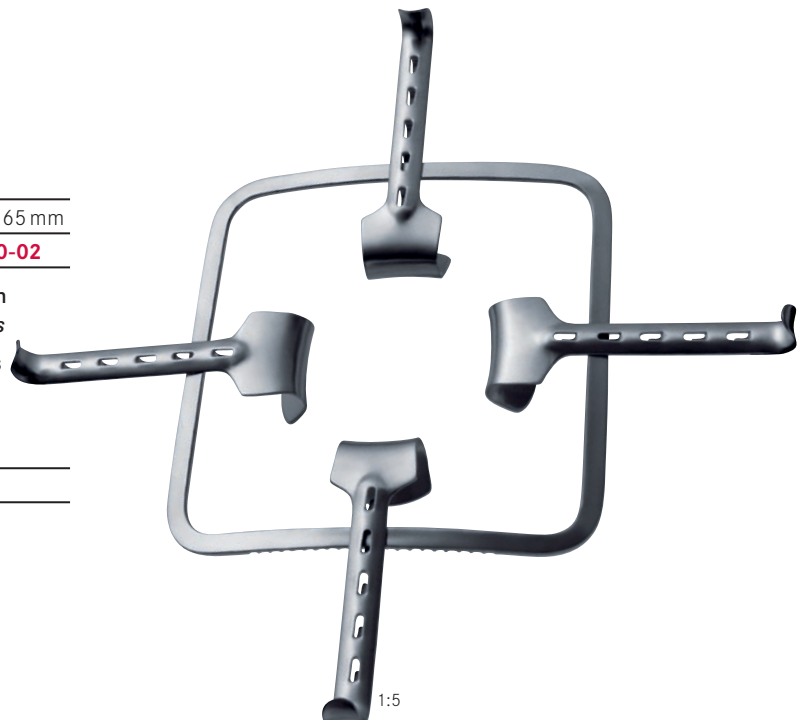
	240 mm x 300 mm	50 mm x 65 mm	80 mm x 90 mm	50 mm x 98 mm	35 mm x 105 mm
	tk 17625-01	tk 17640-02	tk 17640-06	tk 17640-07	tk 17640-08
1 Rahmen 1 Frame		3 Valven 3 Blades	1 Valve 1 Blade	1 Valve 1 Blade	1 Valve 1 Blade
1 Cadre 1 Cuadro		3 Valves 3 Valvas	1 Valve 1 Valva	1 Valve 1 Valva	1 Valve 1 Valva
1 Quadro		3 Valve	1 Valva	1 Valva	1 Valva
tk 17625-00	x	x	x	x	x

Satz
Set
Jeu
Juego
Serie

KIRSCHNER

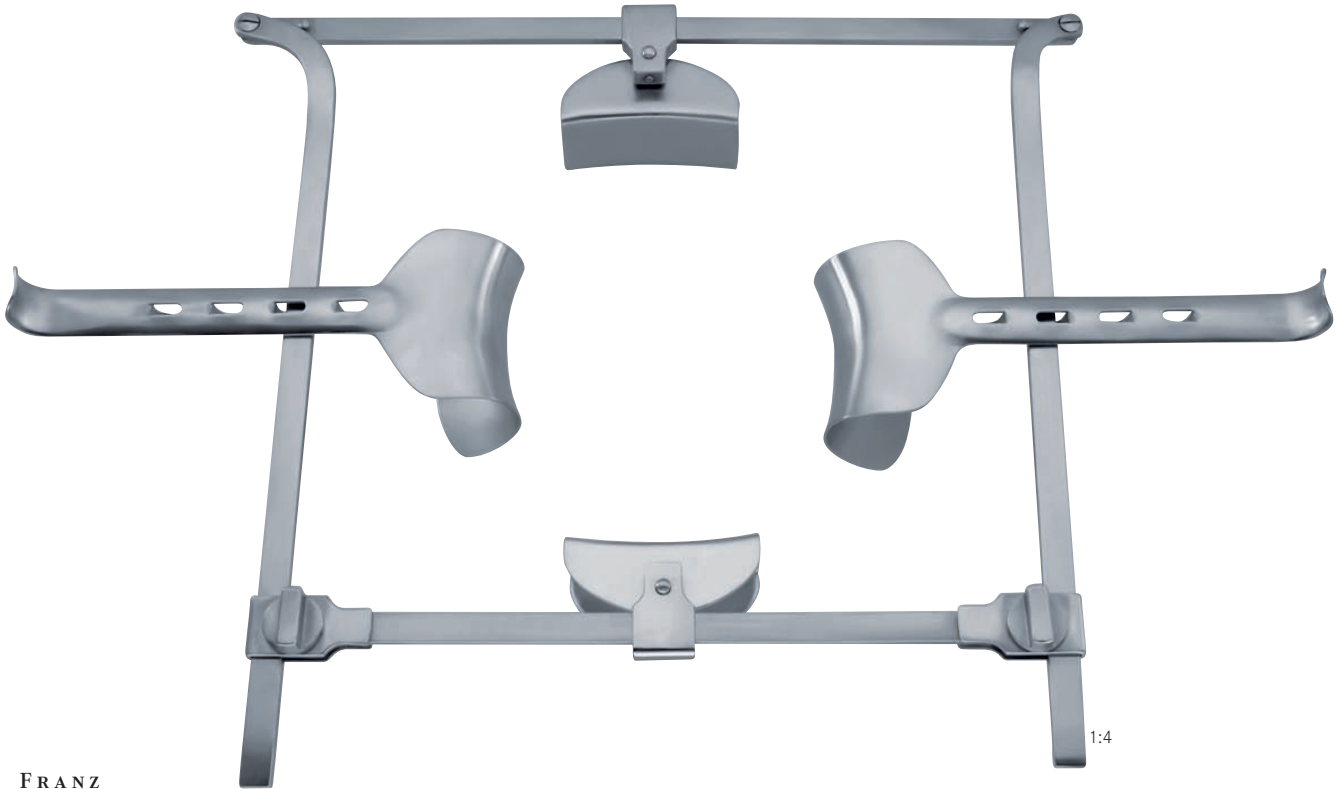
	240 mm x 240 mm	40 mm x 55 mm	50 mm x 65 mm
	tk 17630-01	tk 17640-01	tk 17640-02
1 Rahmen, fest 1 Frame, rigid		2 Valven 2 Blades	2 Valven 2 Blades
1 Cadre, rigide 1 Cuadro, rigido		2 Valves 2 Valvas	2 Valves 2 Valvas
1 Quadro, rigido		2 Valve	2 Valve
tk 17630-00	x	x	x

Satz
Set
Jeu
Juego
Serie



Bauchdeckenhalter
Abdominal retractors

Ecarteurs abdominaux
Separadores abdominales
Divaricatori addominali



FRANZ

	300 mm x 300 mm	40 mm x 60 mm	45 mm x 80 mm	50 mm x 65 mm	60 mm x 85 mm
	tk 17645-01	tk 17632-06	tk 17632-08	tk 17640-02	tk 17640-03
	1 Rahmen, zusammenlegbar 1 Frame, foldable	2 Valven 2 Blades	2 Valven 2 Blades	2 Valven 2 Blades	2 Valven 2 Blades
	1 Cadre pliant 1 Cuadro plegable	2 Valvas 2 Valvas	2 Valvas 2 Valvas	2 Valvas 2 Valvas	2 Valvas 2 Valvas
	1 Quadro piegabile	2 Valve	2 Valve	2 Valve	2 Valve
tk 17645-00	x	x		x	
tk 17650-00	x	x	x	x	x

Satz
Set
Jeu
Juego
Serie



! Rahmen zusammenlegbar
Frame foldable
Cadre pliant
Cuadro plegable
Quadro piegabile

Bauchdeckenhalter
Abdominal retractors

Ecarteurs abdominaux
Separadores abdominales
Divaricatori addominali



Valven für Kirschner- und Franz-Rahmen
Blades for Kirschner- and Franz-frames

Valves pour cadres Kirschner et Franz
Valvas para los cuadros de Kirschner y Franz
Valve per i quadri di Kirschner e Franz



40 mm x 60 mm

45 mm x 80 mm

40 mm x 55 mm

50 mm x 65 mm

tk 17632-06

tk 17632-08

tk 17640-01

tk 17640-02



60 mm x 85 mm

80 mm x 90 mm

50 mm x 98 mm

35 mm x 105 mm

tk 17640-03

tk 17640-06

tk 17640-07

tk 17640-08

Bauchspatel
Abdominal spatulas

Spatulas abdominales
Espátulas abdominales
Spatole addominali



	30 mm	40 mm	50 mm
330 mm – 13"	tk 17882-30	tk 17882-40	tk 17882-50

biegsam
malleable
malléable
maleable
flessibile



MARTIN

200 mm – 8"	200 mm – 8"	250 mm – 9¾"
12 mm	17 mm	25 mm
tk 17884-12	tk 17884-17	tk 17884-25

weich
soft
souple
flexible
morbido

	6,5 mm	9,5 mm	13 mm	16 mm	19 mm	25 mm
200 mm – 8"	tk 17880-06	tk 17880-09	tk 17880-13	tk 17880-16	tk 17880-19	tk 17880-25

biegsam, sehr weich
malleable, very soft
malléable, très souple
maleable, muy flexible
flessibile, molto morbido

Bauchspatel
Abdominal spatulas

Spatulas abdominales
Espátulas abdominales
Spatole addominali



HABERER

200 mm – 8 "	280 mm – 11 "	300 mm – 12 "
17 mm / 25 mm	25 mm / 30 mm	37 mm / 45 mm
tk 17886-25	tk 17886-30	tk 17886-45

biegsam
malleable
malléable
maleable
flessibile



REVERDIN

280 mm – 11 "
46 mm x 60 mm
tk 17887-28

1:2

Wundspreizer
Retractors

Ecarteurs
Separadores
Divaricatori

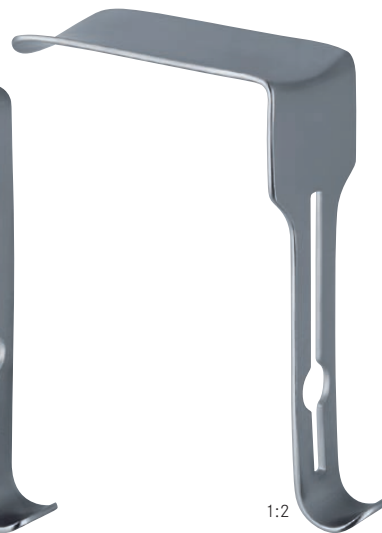


1:2

O'SULLIVAN-O'CONNOR



1:2



1:2



1:2

	Fig. 1	Fig. 2	Fig. 3
	45 mm x 17 mm	90 mm x 37 mm	90 mm x 45 mm
	tk 34138-03	tk 34138-04	tk 34138-05
tk 34138-00	x	x	x

komplett
complete
complet
completo
completo



1:2

FRIEDMANN

100 mm – 4"

tk 34139-10

Laminektomiesperrer
Laminectomy retractors

Ecarteurs pour laminectomie
Separadores para laminectomia
Divaricatori per laminectomia



CLOWARD

160 mm – 6 1/4"

tk 17783-00

komplett mit je 2 Valven Fig. 1 - Fig. 5
complete with 2 blades ea. Fig. 1 - Fig. 5
complet avec 2 valves chacune Fig. 1 - Fig. 5
completo con 2 valvas de cada Fig. 1 - Fig. 5
completo con 2 valve Fig. 1 - Fig. 5

tk 17782-00

Sperrer ohne Valven
Retractor without blades
Ecarteur sans valves
Separador sin valvas
Divaricatore senza valve



250 mm – 9 3/4"

tk 17781-00

komplett mit je 2 Valven Fig. 1 - Fig. 5
complete with 2 blades ea. Fig. 1 - Fig. 5
complet avec 2 valves chacune Fig. 1 - Fig. 5
completo con 2 valvas de cada Fig. 1 - Fig. 5
completo con 2 valve Fig. 1 - Fig. 5

tk 17780-00

Sperrer ohne Valven
Retractor without blades
Ecarteur sans valves
Separador sin valvas
Divaricatore senza valve



Fig. 1	x = 60 mm	tk 17783-01
Fig. 2	x = 55 mm	tk 17783-02
Fig. 3	x = 50 mm	tk 17783-03
Fig. 4	x = 45 mm	tk 17783-04
Fig. 5	x = 40 mm	tk 17783-05

stumpf
blunt

mousse
roma
smussa



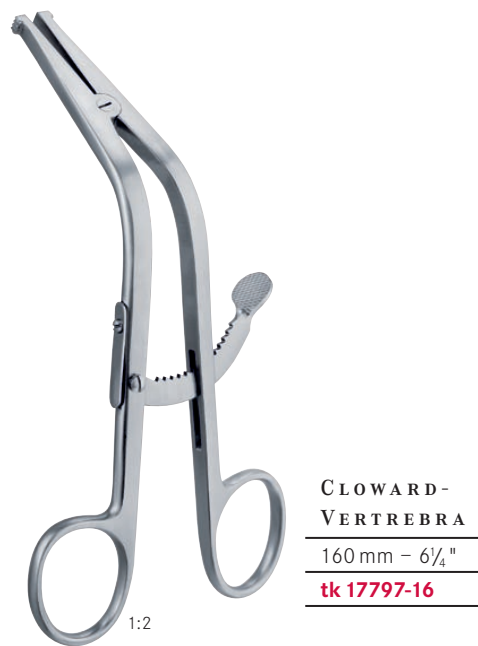
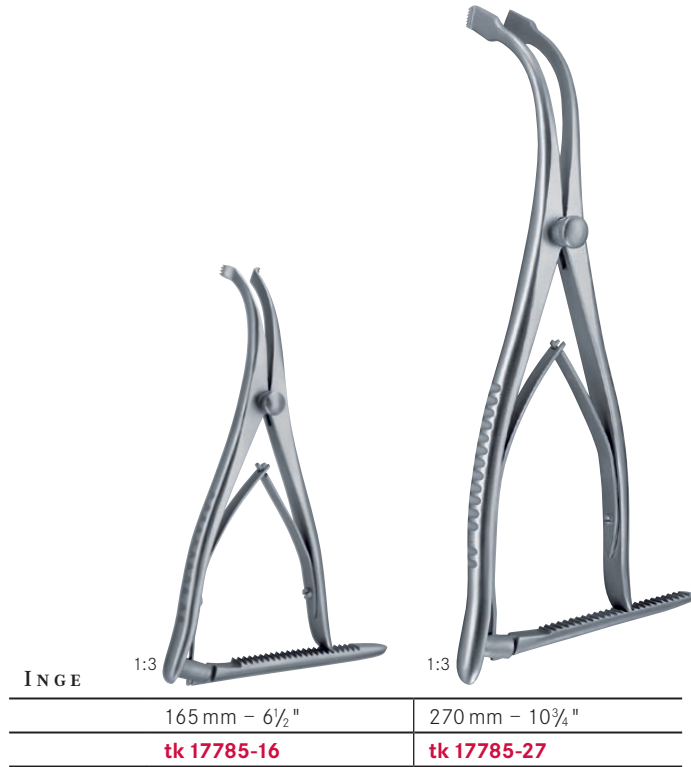
Fig. 1	x = 60 mm	tk 17781-01
Fig. 2	x = 55 mm	tk 17781-02
Fig. 3	x = 50 mm	tk 17781-03
Fig. 4	x = 45 mm	tk 17781-04
Fig. 5	x = 40 mm	tk 17781-05

gezahnt
toothed

dentelée
dentada
dentata

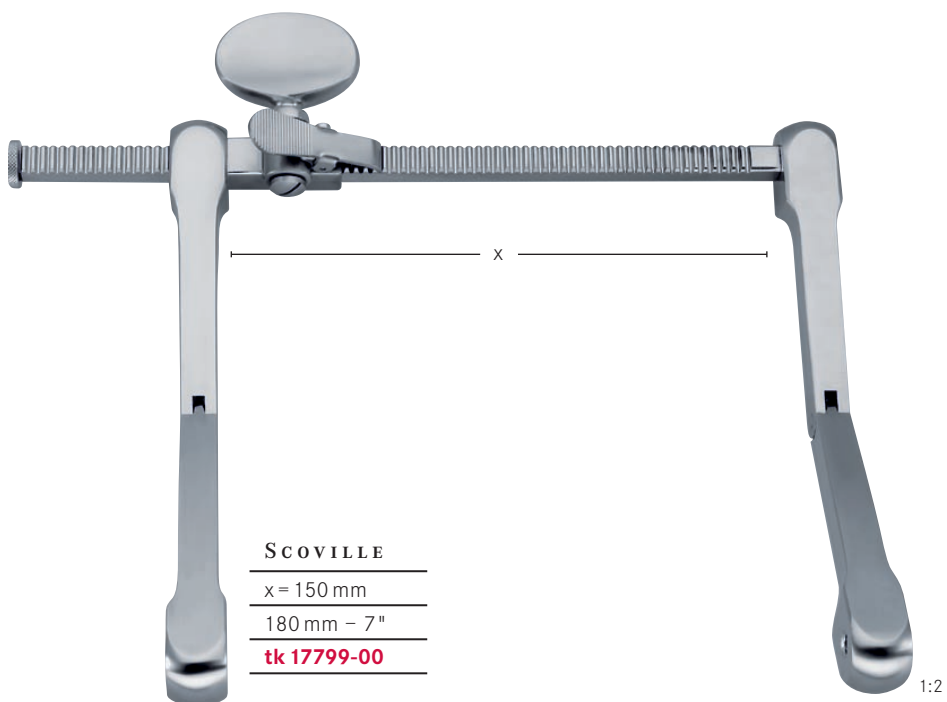
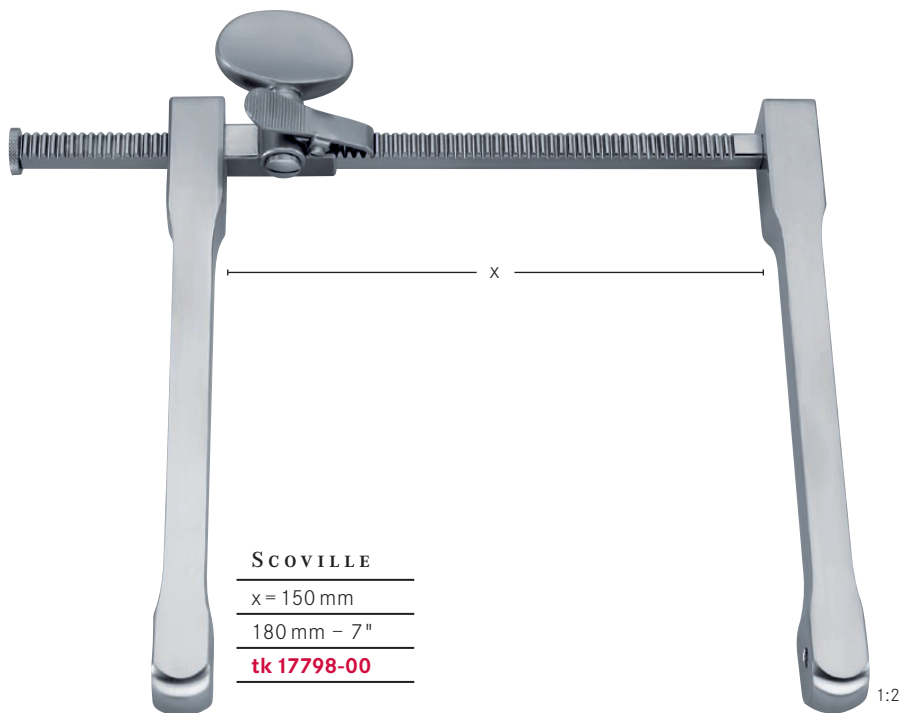
Laminektomiesperrer
Laminectomy retractors

Ecarteurs pour laminectomie
Separadores para laminectomia
Divaricatori per laminectomia



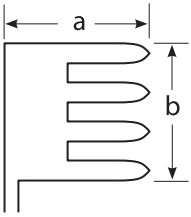
Laminektomiesperrer
Laminectomy retractors

Ecarteurs pour laminectomie
Separadores para laminectomia
Divaricatori per laminectomia



Laminektomiesperrer
Laminectomy retractors

Ecarteurs pour laminectomie
Separadores para laminectomia
Divaricatori per laminectomia



SCOVILLE

50 mm – 2"	tk 17800-05	tk 17801-05
70 mm – 2¾"	tk 17800-07	tk 17801-07

stumpf	spitz
blunt	sharp
mousse	pointu
roma	aguda
smussa	acuta



TAYLOR

a = 48 mm – b = 50 mm – 2" x 2"	tk 17802-05
a = 63 mm – b = 50 mm – 2½" x 2"	tk 17802-06
a = 64 mm – b = 64 mm – 3¼" x 2¼"	tk 17802-08



SCOVILLE

a = 40 mm – b = 37 mm – 1½" x 1½"	tk 17803-04
a = 65 mm – b = 44 mm – 2½" x 1¾"	tk 17803-06

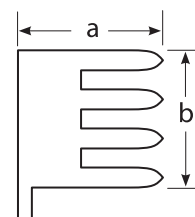


TAYLOR

a = 100 mm – b = 42 mm – 4" x 1⅞"	tk 17804-02
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Laminektomiesperrer
Laminectomy retractors

Ecarteurs pour laminectomie
Separadores para laminectomia
Divaricatori per laminectomia



MEYERDUNG

a = 57 mm - b = 25 mm - 2 1/4" x 1"	tk 17805-01
a = 76 mm - b = 25 mm - 3" x 1"	tk 17805-02
a = 88 mm - b = 51 mm - 3 1/2" x 2"	tk 17805-03



SCOVILLE

a = 57 mm - b = 25 mm - 2 1/4" x 1"	tk 17806-01
a = 57 mm - b = 38 mm - 2 1/4" x 1 1/2"	tk 17806-02
a = 64 mm - b = 50 mm - 2 1/2" x 2"	tk 17806-03
a = 75 mm - b = 25 mm - 3" x 1"	tk 17806-04



EPSTEIN

a = 56 mm - b = 25 mm - 2 1/4" x 1"	tk 17807-01
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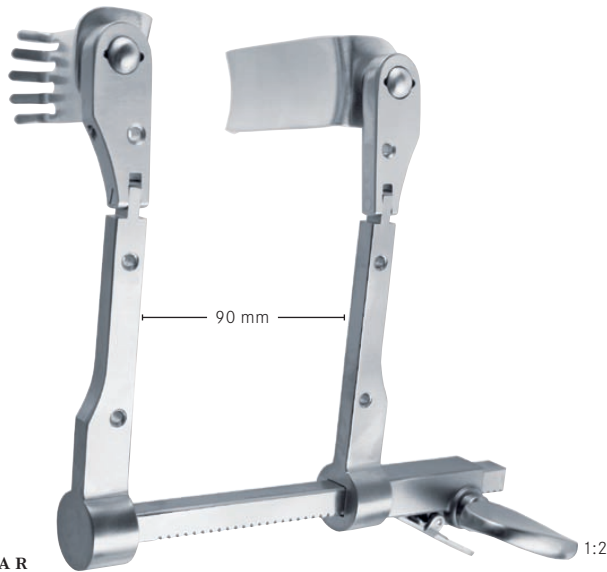


HIBBS

a = 50 mm - b = 20 mm - 2" x 3/4"	tk 17808-01
a = 50 mm - b = 25 mm - 2" x 1"	tk 17808-02
a = 50 mm - b = 50 mm - 2" x 2"	tk 17808-03
a = 63 mm - b = 25 mm - 2 1/2" x 1"	tk 17808-04
a = 63 mm - b = 37 mm - 2 1/2" x 1 1/2"	tk 17808-05
a = 76 mm - b = 25 mm - 3" x 1"	tk 17808-06
a = 76 mm - b = 38 mm - 3" x 1 1/2"	tk 17808-07
a = 76 mm - b = 50 mm - 3" x 2"	tk 17808-08
a = 76 mm - b = 63 mm - 3" x 2 1/2"	tk 17808-09
a = 90 mm - b = 25 mm - 3 1/2" x 1"	tk 17808-10
a = 90 mm - b = 37 mm - 3 1/2" x 1 1/2"	tk 17808-11
a = 102 mm - b = 25 mm - 4" x 1"	tk 17808-12
a = 102 mm - b = 50 mm - 4" x 2"	tk 17808-13

Laminektomiesperrer
Laminectomy retractors

Ecarteurs pour laminectomie
Separadores para laminectomia
Divaricatori per laminectomia



CASPAR

tk 17829-00

komplett mit 5 medial Valven tk 17826-01 - tk 17826-05
und mit 5 lateral Valven tk 17827-01 - tk 17827-05
complete with 5 medial blades tk 17826-01 - tk 17826-05
and with 5 lateral blades tk 17827-01 - tk 17827-05
complet avec 5 valves médianes tk 17826-01 - tk 17826-05
et avec 5 valves latérales tk 17827-01 - tk 17827-05
completo con 5 valvas mediales tk 17826-01 - tk 17826-05
y con 5 valvas laterales tk 17827-01 - tk 17827-05
completo con 5 valve mediali tk 17826-01 - tk 17826-05
e con 5 valve laterali tk 17827-01 - tk 17827-05



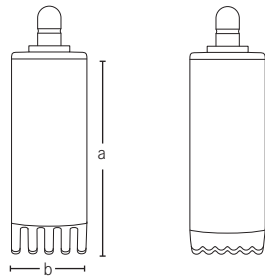
1:2

tk 17823-00

komplett mit 5 Valven tk 17824-01 - tk 17824-05
complete with 5 blades tk 17824-01 - tk 17824-05
complet avec 5 valves tk 17824-01 - tk 17824-05
completo con 5 valvas tk 17824-01 - tk 17824-05
completo con 5 valve tk 17824-01 - tk 17824-05

tk 17829-01

Sperrer ohne Valven
Retractor without blades
Ecarteur sans valves
Separador sin valvas
Divaricatore senza valve

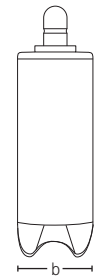


CASPAR

	medial	lateral
a = 40 mm - b = 23 mm	tk 17826-01	tk 17827-01
a = 45 mm - b = 23 mm	tk 17826-02	tk 17827-02
a = 50 mm - b = 23 mm	tk 17826-03	tk 17827-03
a = 55 mm - b = 23 mm	tk 17826-04	tk 17827-04
a = 60 mm - b = 23 mm	tk 17826-05	tk 17827-05

tk 17823-01

Sperrer ohne Valven
Retractor without blades
Ecarteur sans valves
Separador sin valvas
Divaricatore senza valve



CASPAR

a = 45 mm - b = 23 mm	tk 17824-01
a = 50 mm - b = 23 mm	tk 17824-02
a = 55 mm - b = 23 mm	tk 17824-03
a = 60 mm - b = 23 mm	tk 17824-04
a = 65 mm - b = 23 mm	tk 17824-05

stumpf
blunt
mousse
roma
smussa

Laminektomiesperrer
Laminectomy retractors

Ecarteurs pour laminectomie
Separadores para laminectomia
Divaricatori per laminectomia



CASPAR

tk 17828-00

komplett mit 6 Valven tk 17831-01 und tk 17832-02 - 06
complete with 6 blades tk 17831-01 and tk 17832-02 - 06
complet avec 6 valves tk 17831-01 et tk 17832-02 - 06
completo con 6 valvas tk 17831-01 y tk 17832-02 - 06
completo con 6 valve tk 17831-01 e tk 17832-02 - 06



tk 17830-00

komplett mit 5 Valven tk 17824-01 - tk 17824-05
complete with 5 blades tk 17824-01 - tk 17824-05
complet avec 5 valves tk 17824-01 - tk 17824-05
completo con 5 valvas tk 17824-01 - tk 17824-05
completo con 5 valve tk 17824-01 - tk 17824-05

tk 17828-10

Sperrer ohne Valven
Retractor without blades
Ecarteur sans valves
Separador sin valvas
Divaricatore senza valve

tk 17823-01

Sperrer allein, mit Schlüssel
Retractor only, with key
Ecarteur seul avec clé
Separador solo con llave
Divaricatore solo con chiave

tk 17830-02

Schlüssel
Key
Clé
Llave
Chiave



Laminektomiesperrer
Laminectomy retractors

Ecarteurs pour laminectomie
Separadores para laminectomia
Divaricatori per laminectomia

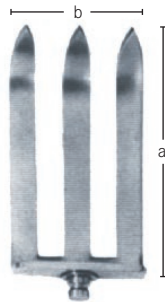


CASPAR

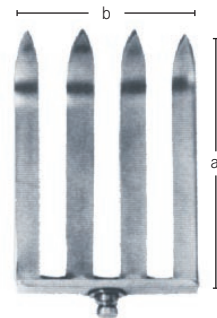
38 mm	58 mm
tk 17831-01	tk 17831-02



a = 35 mm – b = 22 mm	tk 17832-01
a = 40 mm – b = 22 mm	tk 17832-02
a = 45 mm – b = 22 mm	tk 17832-03
a = 50 mm – b = 22 mm	tk 17832-04
a = 55 mm – b = 22 mm	tk 17832-05
a = 60 mm – b = 22 mm	tk 17832-06
a = 65 mm – b = 22 mm	tk 17832-07
a = 70 mm – b = 22 mm	tk 17832-08



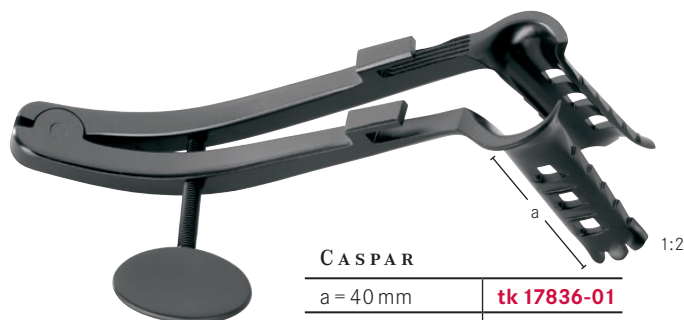
a = 35 mm – b = 37 mm	tk 17833-01
a = 40 mm – b = 37 mm	tk 17833-02
a = 45 mm – b = 37 mm	tk 17833-03
a = 50 mm – b = 37 mm	tk 17833-04
a = 55 mm – b = 37 mm	tk 17833-05
a = 60 mm – b = 37 mm	tk 17833-06
a = 65 mm – b = 37 mm	tk 17833-07
a = 70 mm – b = 37 mm	tk 17833-08



a = 35 mm – b = 52 mm	tk 17834-01
a = 40 mm – b = 52 mm	tk 17834-02
a = 45 mm – b = 52 mm	tk 17834-03
a = 50 mm – b = 52 mm	tk 17834-04
a = 55 mm – b = 52 mm	tk 17834-05
a = 60 mm – b = 52 mm	tk 17834-06
a = 65 mm – b = 52 mm	tk 17834-07
a = 70 mm – b = 52 mm	tk 17834-08

Wundspreizer zur Mikrodiskektomie
Retractors for Micro-Lumbar Discectomy

Retracteurs pour la micro discectomie lumbaire
Retractor para la micro discectomia lumbar
 Divaricatore per la micro dissezione lombare



CASPAR

a = 40 mm	tk 17836-01
a = 45 mm	tk 17836-02
a = 50 mm	tk 17836-03
a = 55 mm	tk 17836-04
a = 60 mm	tk 17836-05
a = 65 mm	tk 17836-06
a = 75 mm	tk 17836-07
a = 85 mm	tk 17836-08



Mit schwarzer Oberfläche
With black finish
 Avec finition noir
Con color negro
 Con superficie nera



CASPAR

tk 17837-00



Mit schwarzer Oberfläche
With black finish
 Avec finition noir
Con color negro
 Con superficie nera

CASPAR

a = 35 mm	tk 17837-01	
a = 40 mm	tk 17837-02	tk 17838-01
a = 45 mm	tk 17837-03	tk 17838-02
a = 50 mm	tk 17837-04	tk 17838-03
a = 55 mm	tk 17837-05	tk 17838-04
a = 60 mm	tk 17837-06	tk 17838-05
a = 65 mm	tk 17837-07	tk 17838-06
a = 70 mm		tk 17838-07
a = 75 mm	tk 17837-08	
a = 85 mm	tk 17837-09	

Hypophysenspekulum
Speculum for hypophysectomy

Spéculum pour hypophysektomie
Especulo para hypophysectomia
Specolo per ipofisectomia



Mit schwarzer Oberfläche
With black finish
Avec finition noir
Con color negro
Con superficie nera



x = 70 mm	tk 24927-70
x = 90 mm	tk 24927-90
x = 110 mm	tk 24928-10

Spekulum für trans-sphenoidale Hypophysektomie
Speculum for trans-sphenoidal hypophysectomy
Spéculum pour hypophysectomie trans-sphenoidable
Especulo para hypophysectomia trans-sphenoidal
Specolo per ipofisectomia trans-sfenoidale



Naht | Suture
Suture | *Sutura*
Sutura



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



CRILE-MURRAY

150 mm – 6"

tk 20001-15



CRILE-WOOD

150 mm – 6"

tk 20002-15

180 mm – 7"

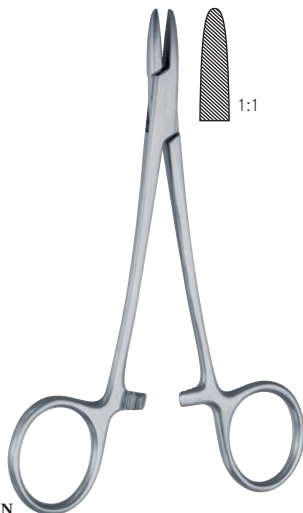
tk 20002-18



HEGAR-BAUMGARTNER

140 mm – 5 3/4"

tk 20003-14



BROWN

130 mm – 5"

tk 20315-13

180 mm – 7"

tk 20315-18

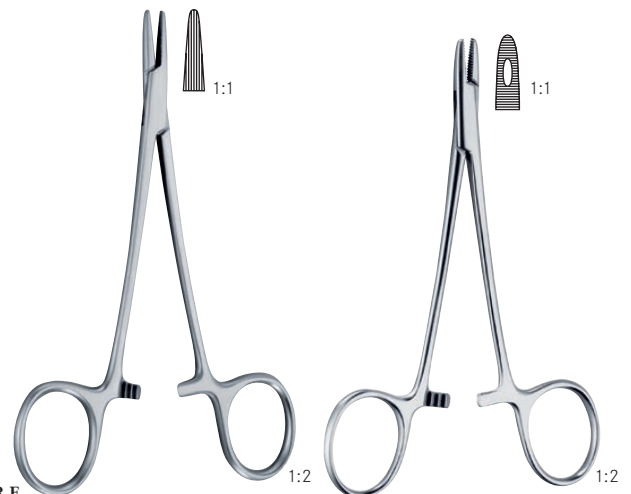


COLLIER

125 mm – 5"

tk 20301-12

kräftiges Modell, Maul diagonal gerieft
heavy pattern, diagonally serrated jaw
modèle fort, mors strié diagonalement
modelo fuerte, boca estriada diagonalmente
modello forte, morso con strie diagonali



DERF

125 mm – 5"

tk 20308-12

120 mm – 4 3/4"

tk 20008-12

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



WEBSTER

130 mm – 5"

tk 20009-13

glatt
smooth
lisse
liso
liscio

1:2



HALSEY

130 mm – 5"

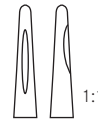
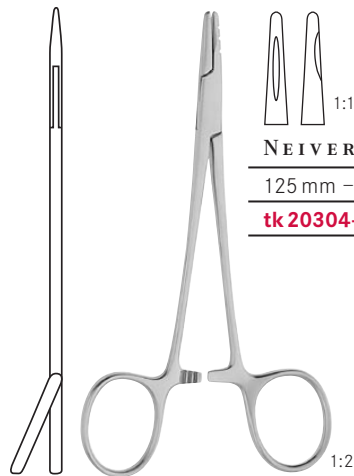
tk 20010-13

tk 20011-13

glatt
smooth
lisse
liso
liscio

gerieft
serrated
strié
estriada
zigrinato

1:2



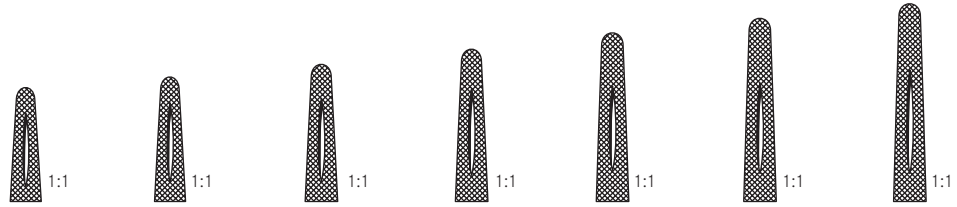
NEIVERT

125 mm – 5"

tk 20304-13

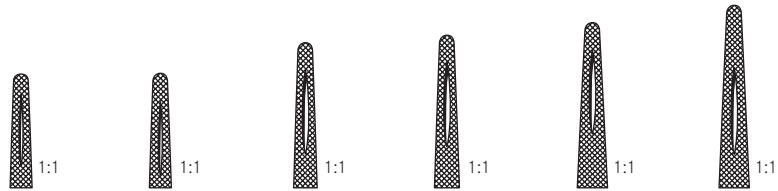
1:2

Nadelhalter
Needle holders
Porte-aiguilles
Porta-agujas
Porta aghi



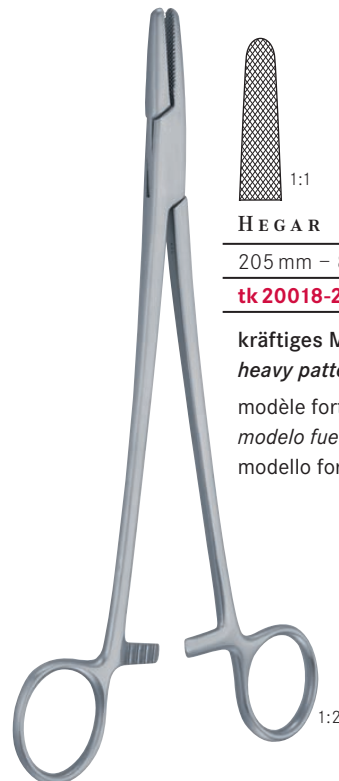
MAYO-HEGAR

140 mm – 5½"	160 mm – 6¼"	180 mm – 7"	200 mm – 8"	240 mm – 9½"	260 mm – 10¼"	300 mm – 12"
tk 20012-14	tk 20012-16	tk 20012-18	tk 20012-20	tk 20012-24	tk 20012-26	tk 20012-30



140 mm – 5½"	160 mm – 6¼"	180 mm – 7"	200 mm – 8"	240 mm – 9½"	260 mm – 10¼"
tk 20013-14	tk 20013-16	tk 20013-18	tk 20013-20	tk 20013-24	tk 20013-26

schlankes Modell
delicate pattern
modèle fin
modelo delicado
modello delicato



HEGAR

205 mm – 8"

tk 20018-20

kräftiges Modell
heavy pattern
modèle fort
modelo fuerte
modello forte

Nadelhalter
Needle holders

Porte-aiguilles
Porta-agujas
Porta aghi



HEANEY

160 mm – 6¼"	tk 20015-16
180 mm – 7"	tk 20015-18
200 mm – 8"	tk 20015-20



SAROT

180 mm – 7"	tk 20024-18
260 mm – 10¼"	tk 20024-26



JAMESON

235 mm – 9¼"	tk 20345-23
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Nadelhalter
Needle holders

Porte-aiguilles
Porta-agujas
Porta aghi



MASSON
270 mm – 10 $\frac{3}{4}$ "
tk 20005-27



FINOCHIETTO
270 mm – 10 $\frac{3}{4}$ "
tk 20006-27



STRATTE
230 mm – 9"
tk 20007-23

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



WANGENSTEEN

270 mm – 10³/₄ "

tk 20026-27



BOZEMANN (WERTHEIM)

200 mm – 8 "

tk 20030-20

240 mm – 9¹/₂ "

tk 20030-24



**THOMSON-WALKER
(BOZEMANN)**

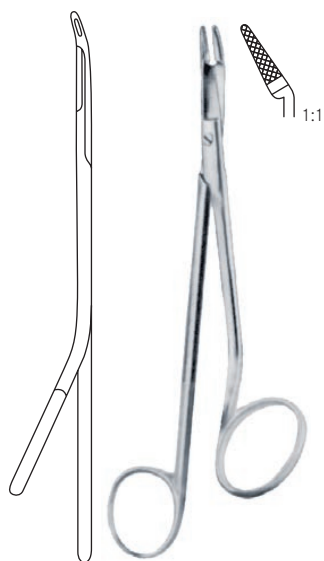
200 mm – 8 "

tk 20032-20



Nadelhalter
Needle holders

Porte-aiguilles
Porta-agujas
Porta aghi



GILLIES

145 mm – 5¾"	tk 20035-14
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GILLIES

160 mm – 6¼"	tk 20035-16
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OLSEN-HEGAR

140 mm – 5½"	tk 20036-14
170 mm – 6¾"	tk 20036-17
190 mm – 7½"	tk 20036-19

Nadelhalter
Needle holders

Porte-aiguilles
Porta-agujas
Porta aghi



MATHIEU

140 mm – 5½"	tk 20100-14		tk 20103-14
170 mm – 6¾"	tk 20100-17	tk 20101-17	tk 20103-17
200 mm – 8"	tk 20100-20	tk 20101-20	tk 20103-20
240 mm – 9½"	tk 20100-24		



kräftiges Modell
heavy pattern
modèle fort
modelo fuerte
modello forte

schlankes Modell
delicate pattern
modèle fin
modelo delicado
modello delicato



MATHIEU-OLSEN

140 mm – 5½"	tk 20106-14
170 mm – 6¾"	tk 20106-17
200 mm – 8"	tk 20106-20



MATHIEU





170 mm – 6¾"	tk 20110-17
200 mm – 8"	tk 20110-20



Nadelhalter
Needle holders

Porte-aiguilles
Porta-agujas
Porta aghi



CASTROVIEJO-JACOBSON	 1:1	 1:1	 1:1	 1:1
140 mm – 5½"		tk 20210-14		tk 20211-14
150 mm – 6"	tk 20204-15	tk 20210-15	tk 20205-15	tk 20211-15
180 mm – 7"	tk 20204-18	tk 20210-18	tk 20205-18	tk 20211-18
210 mm – 8¼"	tk 20204-21	tk 20210-21	tk 20205-21	tk 20211-21

glattes Maul
smooth jaws
mors lisse
boca lisa
morso liscio

gerade, ohne Sperre
straight, without ratchet
droit, sans crémaillère
recta, sin cremallera
retto, senza cremagliera

gerade, mit Sperre
straight, with ratchet
droit, avec crémaillère
recta, con cremallera
retto, con cremagliera

gebogen, ohne Sperre
curved, without ratchet
courbe, sans crémaillère
curva, sin cremallera
curvo, senza cremagliera

gebogen, mit Sperre
curved, with ratchet
courbe, avec crémaillère
curva, con cremallera
curvo, con cremagliera



TOENNIS
180 mm – 7"
tk 20420-18



LICHTENBERG
170 mm – 6¾" **tk 20115-17**
200 mm – 8" **tk 20115-20**

Nadelhalter
Needle holders

Porte-aiguilles
Porta-agujas
Porta aghi



BOYNTON

120 mm – 4¾"

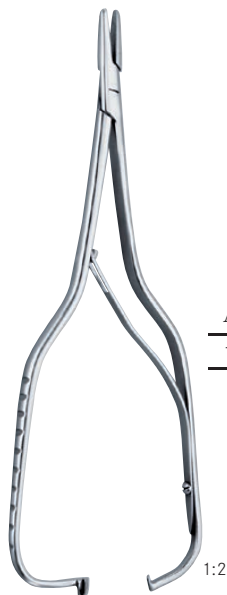
tk 20250-12



KALT

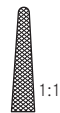
140 mm – 5½"

tk 20260-14



ARRUGA

160 mm – 6¼"



1:1



1:1

tk 20038-16

tk 20039-16

gerade
straight
droit
recta
retto

gebogen
curved
courbe
curva
curvo

Nadelhalter mit Hartmetalleinsätzen im Maulbereich Needle holders with tungsten-carbide inserts in the jaws

Porte-aiguilles avec des inserts de carbure de tungstène dans les mors
Porte-agujas con insertos de carburo tungsteno en las bocas
Port'aghi con inserti in carburo di tungsteno



Alle Nadelhalter mit „tucar“ Hartmetalleinsätzen bieten einen sicheren, festen Halt der Nadel und verhindern deren Verdrehen. Zur Kennzeichnung sind alle Hartmetall-Nadelhalter an den Ringgriffen bzw. den Branchen vergoldet.

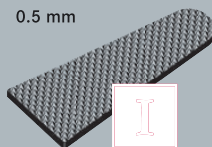
All the needle holders with “tucar” tungsten-carbide inserts offer a safe and secure grip of the needle and prevent the twisting of the same. Needle holders with tungsten-carbide inserts are identified by gold-plated rings or handles.

Tous les porte-aiguilles avec des inserts «tucar» de carbure de tungstène garantissent que les aiguilles sont tenues sûres et fortes et qu'elles ne peuvent pas se tordre. Les portes aiguilles avec des inserts de tungstène de carbure peuvent être reconnus à leurs bagues ou manches dorées.

Todas las porta-agujas “tucar” con los insertos de carburo tungsteno aseguran la sujeción firme y seguro de las agujas que evita la torsión de las cuales. Porta-agujas con insertos de carburo de tungsteno se reconocen por los anillos o mangos dorados.

Tutti i portaaghi con inserti in carburo di tungsteno “tucar” (tungsten-carbide) assicurano una presa dell'ago sicura e forte, che previene la torsione dall'ago stesso. I port'aghi con inserto in carburo di tungsteno sono riconoscibili per la doratura del manico o degli anelli.

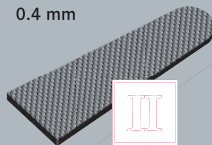
0.5 mm



Normal für Nadeln und Nahtmaterial bis Stärke 4-0
Regular for use with needles and sutures up to size 4-0

Normale pour aiguilles et matériel à suture jusqu'à l'épaisseur de 4-0
Normal para agujas y material de suturar hasta el espesor de 4-0
Normale per aghi e materiale per sutura fino ad uno spessore di 4-0

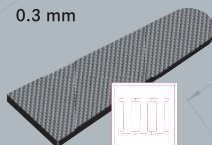
0.4 mm



Fein für feine Nadeln und Nahtmaterial Stärke 5-0 + 6-0
Fine for delicate needles and sutures sizes 5-0 + 6-0

Fino pour aiguilles fines et matériel à suture à l'épaisseur 5-0 + 6-0
Fine para agujas finas y material de suturar espesores 5-0 + 6-0
Fine per aghi fini e materiale per sutura con spessore 5-0 + 6-0

0.3 mm



Extrafein für Mikro-Nadeln und Nahtmaterial Stärke 7-0 bis 10-0
Extrafine for use with micro-needles and sutures size 7-0 and 10-0

Extrafino pour micro-aiguilles et matériel à suture à l'épaisseur 7-0 à 10-0
Extrafine para micro-agujas y material de suturas espesor 7-0 y 10-0
Extrafine per micro-aghi e materiale per sutura 7-0 e 10-0

Glatt für feine Nadeln und Nahtmaterial Stärke 7-0 bis 12-0
Smooth for delicate needles and sutures sizes 7-0 and 12-0



Liso pour aiguilles fines et matériel à suture à l'épaisseur 7-0 à 12-0
Lisse para agujas finas y material de suturas espesor 7-0 y 12-0
Liscia per aghi fini e materiale per sutura 7-0 e 12-0

Nadelhalter
Needle holders

Porte-aiguilles
Porta-agujas
Porta aghi

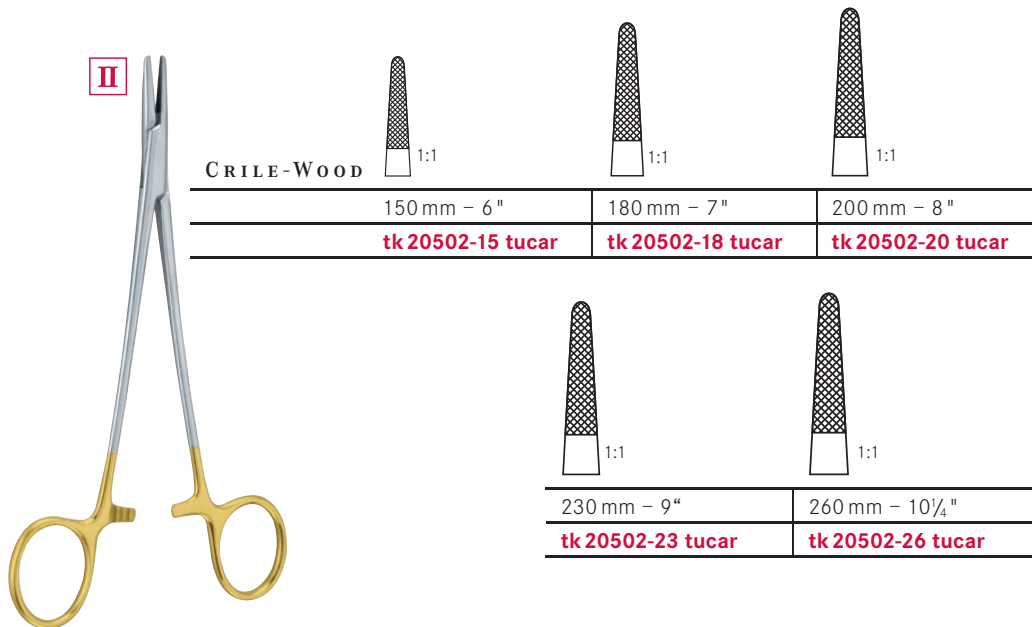
TUCAR **TK**



HEGAR-BAUMGARTNER
140 mm – 5½"
tk 20503-14 tucar



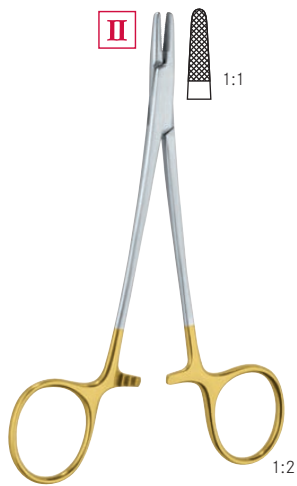
BABY-CRILE-WOOD
150 mm – 6"
tk 20504-15 tucar





Nadelhalter
Needle holders

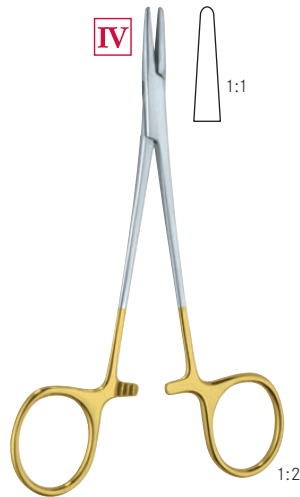
Porte-aiguilles
Porta-agujas
Porta aghi



DERF (WRIGHT)

120 mm – 4³/₄"

tk20508-12 tucar

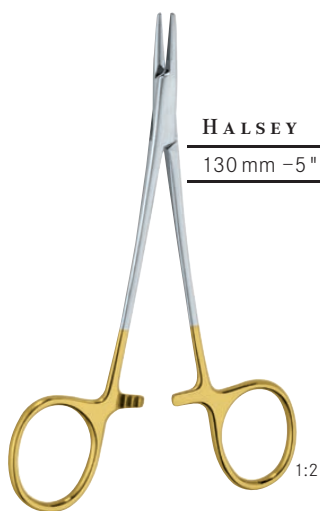


WEBSTER

130 mm – 5"

tk20509-13 tucar

glatt
smooth
lisse
lisa
liscio



HALSEY

130 mm – 5"



tk20510-13 tucar

glatt
smooth
lisse
lisa
liscio



tk20511-13 tucar

gerieft
serrated
strié
estriada
zigrinato



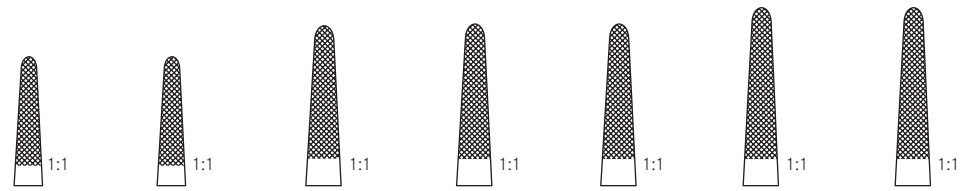
KILNER

135 mm – 5¹/₄"

tk20533-13 tucar

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

TUCARTK



MAYO-HEGAR

140 mm – 5½"	160 mm – 6¼"	180 mm – 7"	200 mm – 8"	240 mm – 9½"	260 mm – 10¼"	300 mm – 12"
tk 20512-14	tk 20512-16	tk 20512-18	tk 20512-20	tk 20512-24	tk 20512-26	tk 20512-30



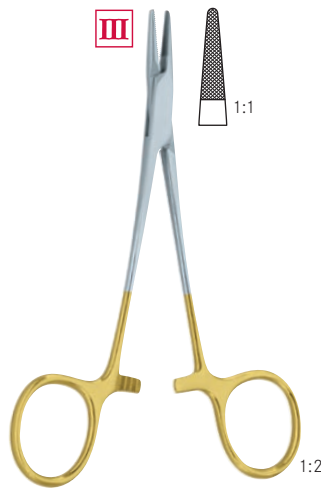
NEIVERT (MASING)

130 mm – 5"

tk 20517-13 tucar

ein Ring abgewinkelt
one ring angled

une bague coudée
un anillo acodado
un anello angolato



CONVERSE

130 mm – 5"

tk 20518-13 tucar



MATHIEU-OLSEN

140 mm – 5½"

tk 20516-14 tucar

170 mm – 6¾"

tk 20516-17 tucar

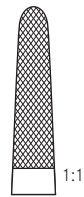
200 mm – 8"

tk 20516-20 tucar

Nadelhalter
Needle holders
Porte-aiguilles
Porta-agujas
Porta aghi



I



HEGAR

205 mm – 8"

tk 20618-20

kräftiges Modell
heavy pattern
modèle fort
modelo fuerte
modello forte

1:2



II



GILLIES

145 mm – 5 3/4"

tk 20535-14 tucar

160 mm – 6 1/4"

tk 20535-16 tucar



FOSTER-GILLIES

120 mm – 4 3/4"



tk 20546-12 TC

gerade, gerieft
straight, serrated
droit, strié
recta, estriada
retto, zigrinato



tk 20548-12 TC

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



tk 20547-12 TC

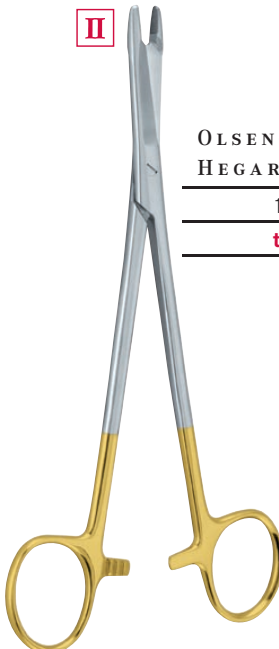
gebogen, gerieft
curved, serrated
courbe, strié
curva, estriada
curvo, zigrinato



tk 20549-12 TC

gebogen, glatt
curved, smooth
courbe, lisse
curva, lisa
curvo, liscio

1:2



II

OLSEN-HEGAR

140 mm – 5 1/2"

tk 20536-14 tucar



1:1



1:1

170 mm – 6 3/4"

tk 20536-17 tucar



1:1

190 mm – 7 1/2"

tk 20536-19 tucar

Nadelhalter
Needle holders

Porte-aiguilles
Porta-agujas
Porta aghi

TUCARTK

II



STRATTE

230 mm – 9"

tk 20507-23 tucar

1:2

I



HEANEY

160 mm – 6¼"

tk 20515-16 tucar

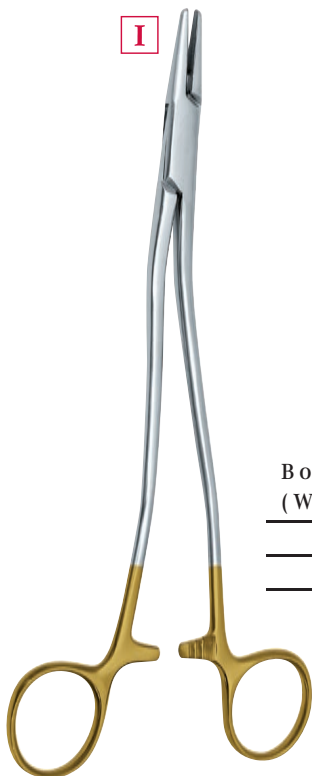
180 mm – 7"

tk 20515-18 tucar

200 mm – 8"

tk 20515-20 tucar

I



**BOZEMANN
(WERTHEIM)**



1:1

200 mm – 8"

tk 20530-20 tucar



1:1

240 mm – 9½"

tk 20530-24 tucar



1:1

260 mm – 10¼"

tk 20530-26 tucar

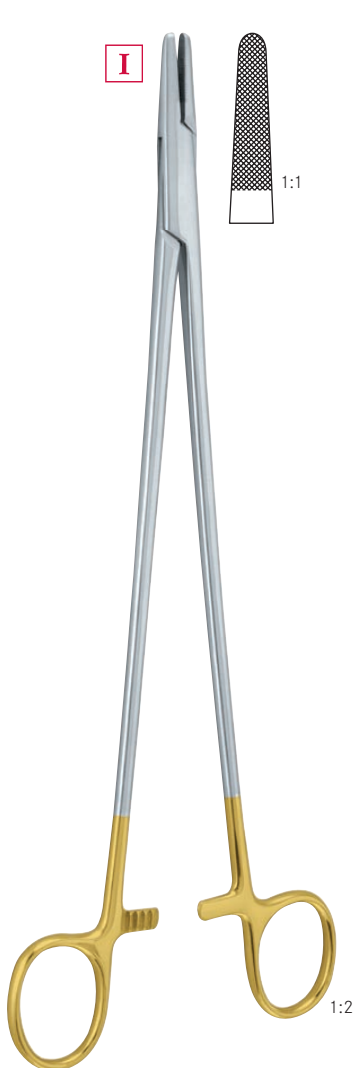


1:1

300 mm – 12"

tk 20530-30 tucar

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



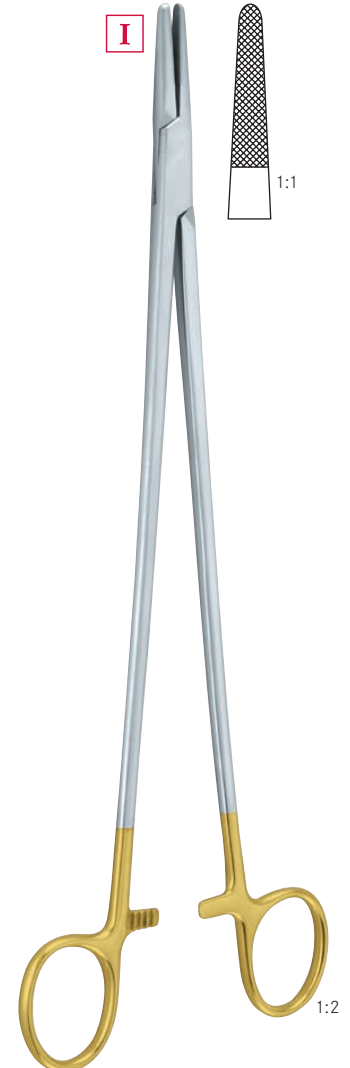
MASSON
 270 mm – 10¾"

tk 20505-27 tucar



FINOCHIETTO
 270 mm – 10¾"

tk 20506-27 tucar







WANGENSTEEN
 270 mm – 10¾"



tk 20526-27 tucar

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





TUCARTK



MATHIEU	 1:1	 1:1	 1:1	 1:1
	140 mm – 5½"	170 mm – 6¾"	200 mm – 8"	240 mm – 9½"
	tk 20600-14 tucar	tk 20600-17 tucar	tk 20600-20 tucar	tk 20600-24 tucar

 1:1	 1:1
170 mm – 6¾"	200 mm – 8"
tk 20601-17 tucar	tk 20601-20 tucar

kräftiges Modell
heavy pattern
modèle fort
modelo fuerte
modello forte

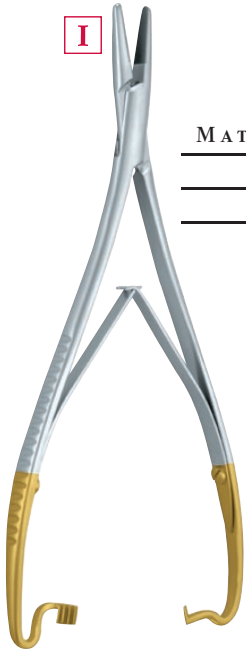
 1:1	 1:1	 1:1	 1:1
140 mm – 5½"	170 mm – 6¾"	200 mm – 8"	240 mm – 9½"
tk 20603-14 tucar	tk 20603-17 tucar	tk 20603-20 tucar	tk 20603-24 tucar

schlankes Modell
delicate pattern
modèle fin
modelo delicado
modello delicato

Nadelhalter
Needle holders
Porte-aiguilles
Porta-agujas
Porta aghi



I



MATHIEU



1:1



1:1

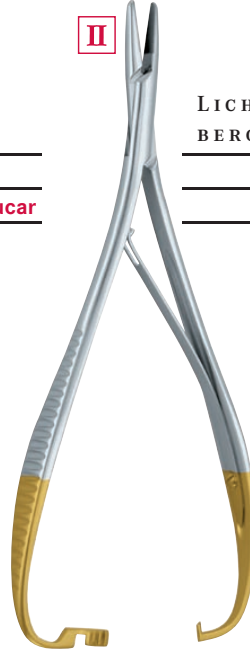
170 mm – 6¾"

200 mm – 8"

tk 20610-17 tucar

tk 20610-20 tucar

II



LICHTEN-
BERG



1:1



1:1

170 mm – 6¾"

200 mm – 8"

tk 20615-17 tucar

tk 20615-20 tucar

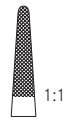
II



HÖSEL



1:1



1:1

200 mm – 8"

250 mm – 9¾"

tk 20622-20 tucar

tk 20622-25 tucar

mit langem Hals
with long neck
avec col longue
con cuello largo
con collo lungo

II



1:1

205 mm – 8"

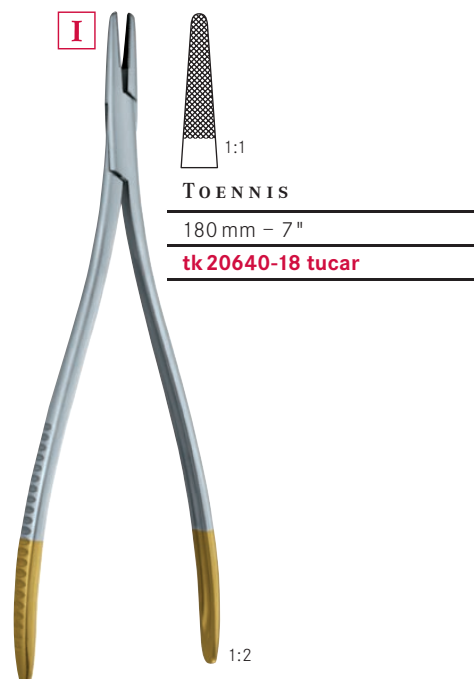
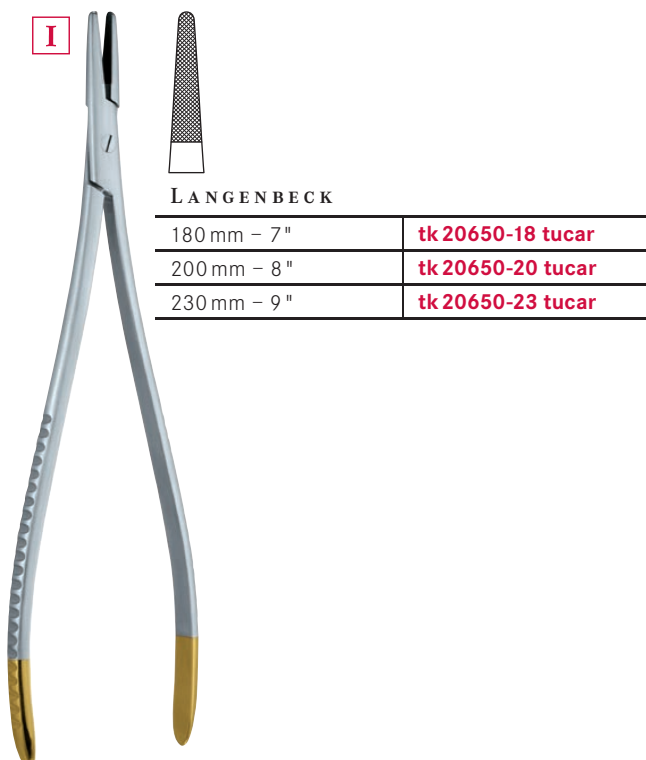
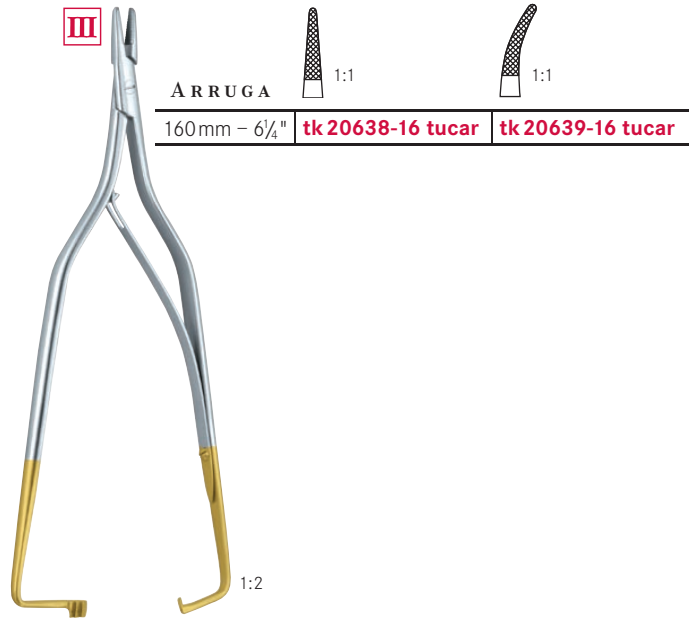
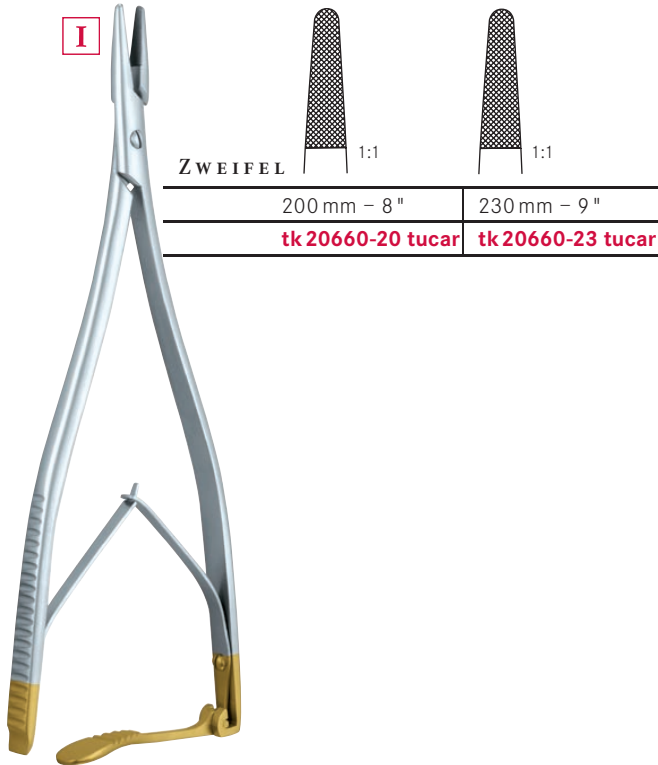
tk 20620-20 tucar

mit langem Hals
with long neck
avec col longue
con cuello largo
con collo lungo

1:2

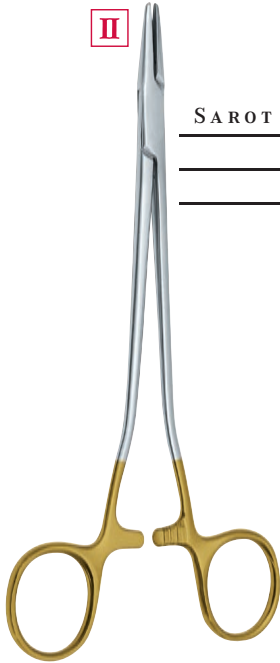
Nadelhalter | Porte-aiguilles
Needle holders | Porta-agujas
Porta aghi

TUCAR **TK**






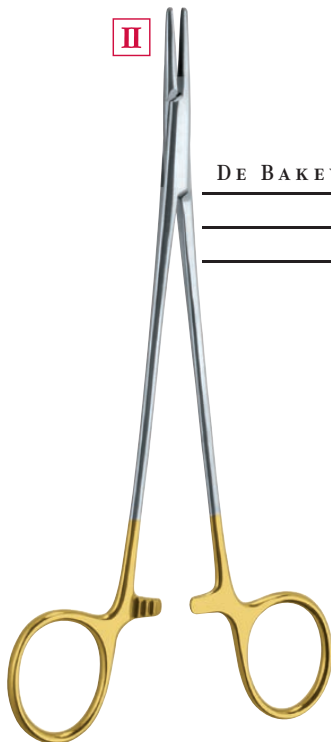
Nadelhalter
Needle holders
Porte-aiguilles
Porta-agujas
Porta aghi

TUCAR^{TK}







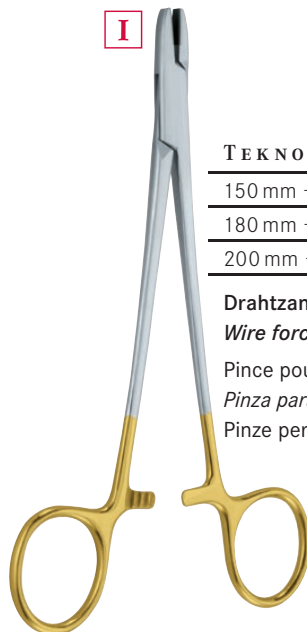
II

SAROT	 1:1	 1:1	 1:1
	180 mm – 7"	200 mm – 8"	260 mm – 10¼"
	tk 20524-18 tucar	tk 20524-20 tucar	tk 20524-26 tucar





II

DE BAKEY	 1:1	 1:1	 1:1	 1:1
	180 mm – 7"	200 mm – 8"	230 mm – 9"	260 mm – 10¼"
	tk 20522-18 tucar	tk 20522-20 tucar	tk 20522-23 tucar	tk 20522-26 tucar



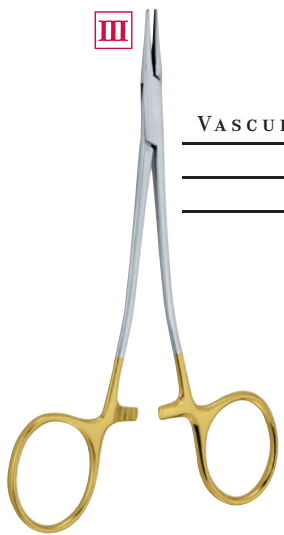
I

TEKNO-TWIST		
150 mm – 6"	tk 20800-15 tucar	tk 20801-15 tucar
180 mm – 7"	tk 20800-18 tucar	tk 20801-18 tucar
200 mm – 8"	tk 20800-20 tucar	tk 20801-20 tucar





Drahtzange
Wire forceps
Pince pour fils d'acier
Pinza para hilos
Pinze per fili d'acciaio

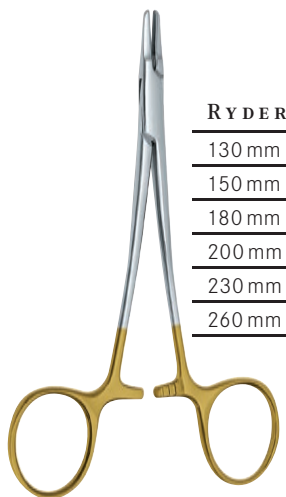
Nadelhalter
Needle holders
Porte-aiguilles
Porta-agujas
Porta aghi

TUCARTK




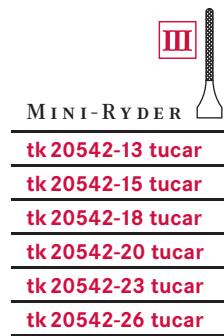
VASCULAR

 1:1	 1:1	 1:1	 1:1
140 mm – 5½"	180 mm – 7"	200 mm – 8"	230 mm – 9"
tk 20525-14 tucar	tk 20525-18 tucar	tk 20525-20 tucar	tk 20525-23 tucar




RYDER

	
130 mm – 5"	tk 20540-13 tucar
150 mm – 6"	tk 20540-15 tucar
180 mm – 7"	tk 20540-18 tucar
200 mm – 8"	tk 20540-20 tucar
230 mm – 9"	tk 20540-23 tucar
260 mm – 10¼"	tk 20540-26 tucar



MINI-RYDER

	
	tk 20542-13 tucar
	tk 20542-15 tucar
	tk 20542-18 tucar
	tk 20542-20 tucar
	tk 20542-23 tucar
	tk 20542-26 tucar



DIETRICH




	
160 mm – 6¼"	tk 20560-16 tucar
180 mm – 7"	tk 20560-18 tucar
200 mm – 8"	tk 20560-20 tucar
230 mm – 9"	tk 20560-23 tucar
250 mm – 9¾"	tk 20560-25 tucar



Nadelhalter
Needle holders




Porte-aiguilles
Porta-agujas
Porta aghi



 1:1	 1:1	 1:1
130 mm – 5"	150 mm – 5¾"	170 mm – 6¾"
tk 20570-13	tk 20570-15	tk 20570-17

mit Spezialbeschichtung im Maul
with special coated jaw


mors avec couche special
boca con capa especial
morso con spalmatura speciale

 1:1	 1:1	 1:1
180 mm – 7"	200 mm – 8"	230 mm – 9"
tk 20570-18	tk 20570-20	tk 20570-23

mit Spezialbeschichtung im Maul
with special coated jaw

mors avec couche special
boca con capa especial
morso con spalmatura speciale



RYDER	 1:1
130 mm – 5"	tk 20541-13
150 mm – 6"	tk 20541-15
180 mm – 7"	tk 20541-18
200 mm – 8"	tk 20541-20
230 mm – 9"	tk 20541-23

mit Spezialbeschichtung im Maul
with special coated jaw

mors avec couche special
boca con capa especial
morso con spalmatura speciale

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

TUCAR

IV



CASTROVIEJO-
JACOBSON



140 mm – 5½"		tk 20710-14 tucar		tk 20711-14 tucar
150 mm – 6"	tk 20704-15 tucar	tk 20710-15 tucar	tk 20705-15 tucar	tk 20711-15 tucar
180 mm – 7"	tk 20704-18 tucar	tk 20710-18 tucar	tk 20705-18 tucar	tk 20711-18 tucar
210 mm – 8¼"	tk 20704-21 tucar	tk 20710-21 tucar	tk 20705-21 tucar	tk 20711-21 tucar

glattes Maul
smooth jaws
mors lisse
boca lisa
morso liscio

gerade, ohne Sperre
straight, without ratchet
droit, sans crémaillère
recta, sin cremallera
retto, senza cremagliera

gerade, mit Sperre
straight, with ratchet
droit, avec crémaillère
recta, con cremallera
retto, con cremagliera

gebogen, ohne Sperre
curved, without ratchet
courbe, sans crémaillère
curva, sin cremallera
curvo, senza cremagliera

gebogen, mit Sperre
curved, with ratchet
courbe, avec crémaillère
curva, con cremallera
curvo, con cremagliera

III



VASCULAR



180 mm – 7"	tk 20716-18 tucar	tk 20714-18 tucar	tk 20717-18 tucar	tk 20715-18 tucar
-------------	--------------------------	--------------------------	--------------------------	--------------------------

gerade, ohne Sperre
straight, without ratchet
droit, sans crémaillère
recta, sin cremallera
retto, senza cremagliera

gerade, mit Sperre
straight, with ratchet
droit, avec crémaillère
recta, con cremallera
retto, con cremagliera

gebogen, ohne Sperre
curved, without ratchet
courbe, sans crémaillère
curva, sin cremallera
curvo, senza cremagliera

gebogen, mit Sperre
curved, with ratchet
courbe, avec crémaillère
curva, con cremallera
curvo, con cremagliera

1:2

Nadelhalter
Needle holders
Porte-aiguilles
Porta-agujas
Porta aghi



III



CASTROVIEJO

130 mm – 5"



1:1

tk 20728-13 tucar

gerade, gerieftes Maul
straight, serrated jaws
droit, mors strié
recta, boca estriada
retto, morso zigrinato



1:1

tk 20729-13 tucar

gebogen, gerieftes Maul
curved, serrated jaws
courbe, mors strié
curva, boca estriada
curvo, morso zigrinato

1:2

IV



1:1

CASTROVIEJO

130 mm – 5"

tk 20725-13 tucar

glattes Maul
smooth jaws
mors strié
boca lisa
morso liscio

1:2

IV



BARRAQUER

130 mm – 5"



1:1

tk 20731-13 tucar

gebogen, mit Sperre
curved, with ratchet
courbe, avec crémaillère
curva, con cremallera
curvo, con cremagliera



1:1

tk 20733-13 tucar

gebogen, ohne Sperre
curved, without ratchet
courbe, sans crémaillère
curva, sin cremallera
curvo, senza cremagliera

1:2

Nadelhalter
Needle holders

Porte-aiguilles
Porta-agujas
Porta aghi

TUCAR^{TK}



BOYNTON

120 mm – 4¾"

tk 20750-12 tucar



KALT

140 mm – 5½"

tk 20760-14 tucar



Haut- und Muskelnadeln
Muscular and skin suture needles

Aiguilles pour sutures musculaires et cutanées
Agujas para suturas musculares y cutáneas
Aghi per muscoli e pelle

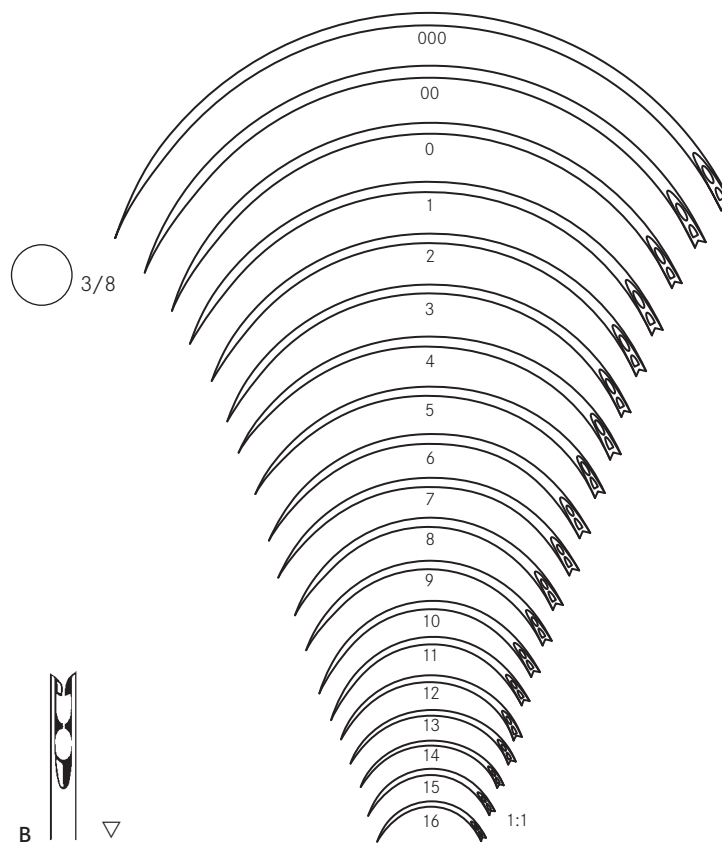


Fig. 000	Fig. 00	Fig. 0	Fig. 1	Fig. 2
tk 20905-30	tk 20905-20	tk 20905-00	tk 20905-01	tk 20905-02
Fig. 3	Fig. 4	Fig. 5	Fig. 6	Fig. 7
tk 20905-03	tk 20905-04	tk 20905-05	tk 20905-06	tk 20905-07
Fig. 8	Fig. 9	Fig. 10	Fig. 11	Fig. 12
tk 20905-08	tk 20905-09	tk 20905-10	tk 20905-11	tk 20905-12
Fig. 13	Fig. 14	Fig. 15	Fig. 16	
tk 20905-13	tk 20905-14	tk 20905-15	tk 20905-16	



Packung à 12 Stück
Package of 12 pieces
Paquet de 12 pièces
Paquete de 12 piezas
Confezione da 12 pezzi

Haut- und Muskelnadeln
Muscular and skin suture needles

Aiguilles pour sutures musculaires et cutanées
Agujas para suturas musculares y cutáneas
Aghi per muscoli e pelle

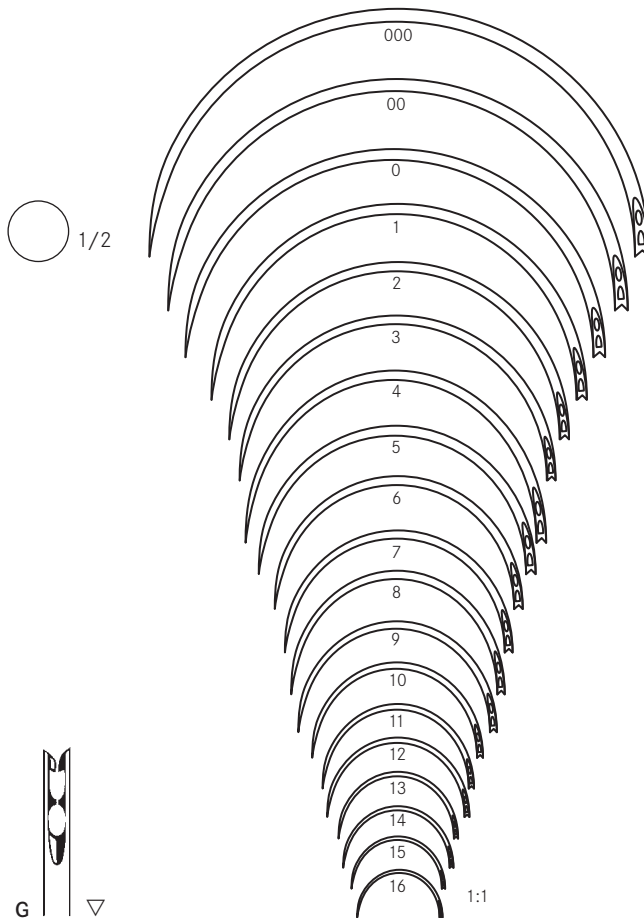


Fig. 000	Fig. 00	Fig. 0	Fig. 1	Fig. 2
tk 20910-30	tk 20910-20	tk 20910-00	tk 20910-01	tk 20910-02
Fig. 3	Fig. 4	Fig. 5	Fig. 6	Fig. 7
tk 20910-03	tk 20910-04	tk 20910-05	tk 20910-06	tk 20910-07
Fig. 8	Fig. 9	Fig. 10	Fig. 11	Fig. 12
tk 20910-08	tk 20910-09	tk 20910-10	tk 20910-11	tk 20910-12
Fig. 13	Fig. 14	Fig. 15	Fig. 16	
tk 20910-13	tk 20910-14	tk 20910-15	tk 20910-16	



Packung à 12 Stück
Package of 12 pieces
Paquet de 12 pièces
Paquete de 12 piezas
Confezione da 12 pezzi



Haut- und Muskelnadeln
Muscular and skin suture needles

Aiguilles pour sutures musculaires et cutanées
Agujas para suturas musculares y cutáneas
Aghi per muscoli e pelle

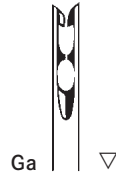
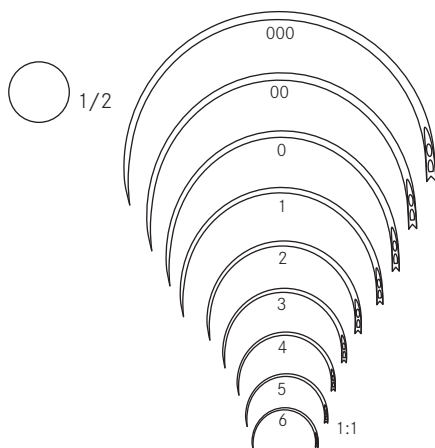
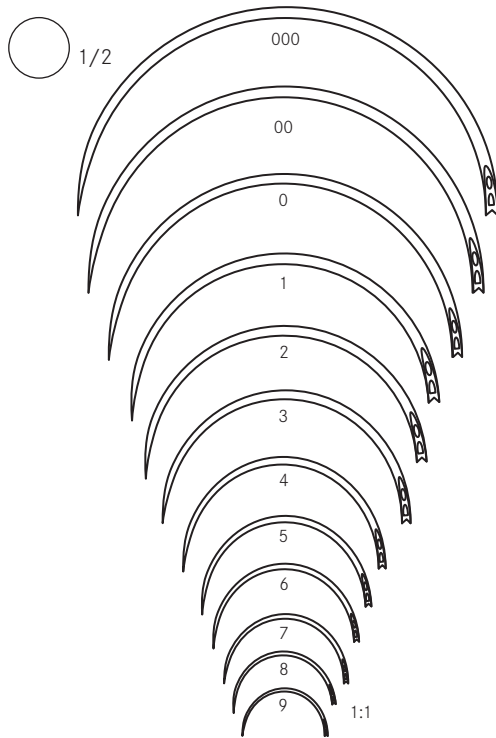


Fig. 000	Fig. 00	Fig. 0
tk 20916-30	tk 20916-20	tk 20916-00

Fig. 1	Fig. 2	Fig. 3
tk 20916-01	tk 20916-02	tk 20916-03

Fig. 4	Fig. 5	Fig. 6
tk 20916-04	tk 20916-05	tk 20916-06

Fig. 7	Fig. 8	Fig. 9
tk 20916-07	tk 20916-08	tk 20916-09



Fig. 000	Fig. 00	Fig. 0
tk 20924-30	tk 20924-20	tk 20924-10

Fig. 1	Fig. 2	Fig. 3
tk 20926-01	tk 20926-02	tk 20926-03

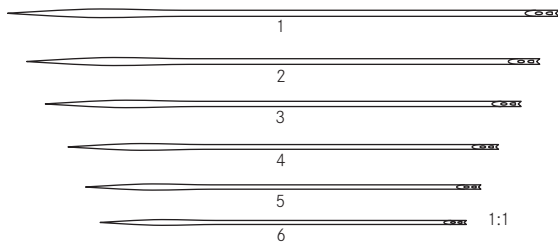
Fig. 4	Fig. 5	Fig. 6
tk 20926-04	tk 20926-05	tk 20926-06



Packung à 12 Stück
Package of 12 pieces
Paquet de 12 pièces
Paquete de 12 piezas
Confezione da 12 pezzi

Haut- und Muskelnadeln
Muscular and skin suture needles

Aiguilles pour sutures musculaires et cutanées
Agujas para suturas musculares y cutáneas
Aghi per muscoli e pelle



KEITH

Fig. 1	Fig. 2	Fig. 3
tk 20930-01	tk 20930-02	tk 20930-03

Fig. 4	Fig. 5	Fig. 6
tk 20930-04	tk 20930-05	tk 20930-06



Fig. 1	Fig. 2	Fig. 3
tk 20934-01	tk 20934-02	tk 20934-03

Fig. 4	Fig. 5	Fig. 6
tk 20934-04	tk 20934-05	tk 20934-06



Packung à 12 Stück
Package of 12 pieces
Paquet de 12 pièces
Paquete de 12 piezas
Confezione da 12 pezzi



Darmnadeln | Aiguilles intestinales
Intestinal needles | Aguja*s* intestinales
 Aghi intestinali

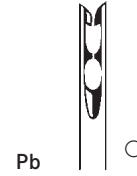
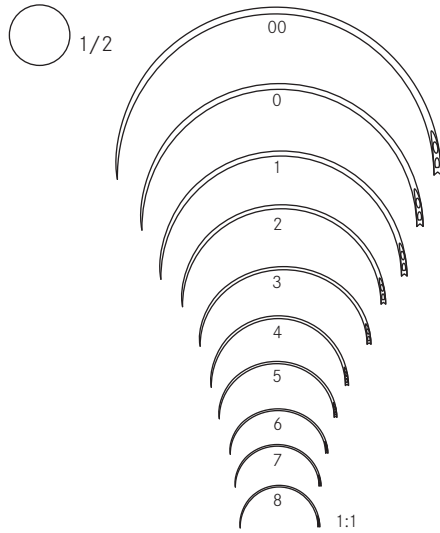


Fig. 00	Fig. 0	Fig. 1
tk 20936-20	tk 20936-10	tk 20938-01

Fig. 2	Fig. 3
tk 20938-02	tk 20938-03

Fig. 4	Fig. 5	Fig. 6
tk 20938-04	tk 20938-05	tk 20938-06

Fig. 7	Fig. 8
tk 20938-07	tk 20938-08

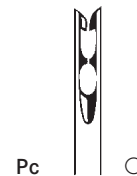
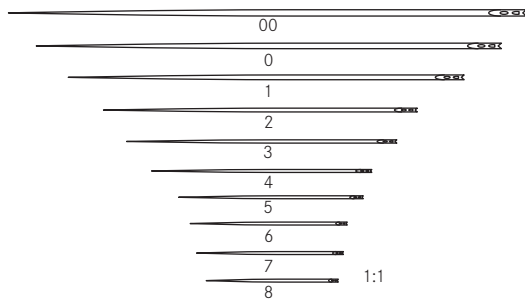


Fig. 00	Fig. 0	Fig. 1
tk 20940-20	tk 20940-10	tk 20942-01

Fig. 2	Fig. 3
tk 20942-02	tk 20942-03

Fig. 4	Fig. 5	Fig. 6
tk 20942-04	tk 20942-05	tk 20942-06

Fig. 7	Fig. 8
tk 20942-07	tk 20942-08



Packung à 12 Stück
 Package of 12 pieces
 Paquet de 12 pièces
 Paquete de 12 piezas
 Confezione da 12 pezzi

Darmnadeln | Aiguilles intestinales
Intestinal needles | *Agujas intestinales*
 Aghi intestinali

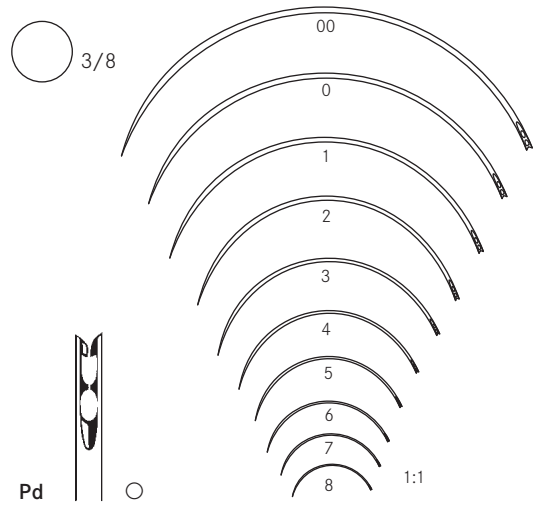


Fig. 00	Fig. 0	Fig. 1
tk 20944-20	tk 20944-10	tk 20946-01
Fig. 2	Fig. 3	
tk 20946-02	tk 20946-03	
Fig. 4	Fig. 5	Fig. 6
tk 20946-04	tk 20946-05	tk 20946-06
Fig. 7	Fig. 8	
tk 20946-07	tk 20946-08	

! Packung à 12 Stück
Package of 12 pieces
 Paquet de 12 pièces
 Paquete de 12 piezas
 Confezione da 12 pezzi



Augennadeln | Aiguilles ophtalmiques
Eye needles | Aguja para suturas oculares
 Aghi oftalmici

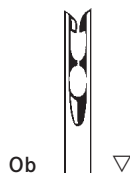
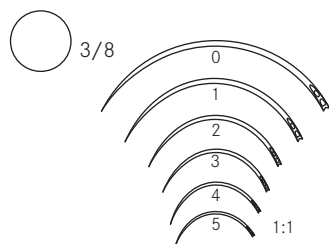


Fig. 0	Fig. 1	Fig. 2
tk 20948-00	tk 20948-01	tk 20948-02
Fig. 3	Fig. 4	Fig. 5
tk 20948-03	tk 20948-04	tk 20948-05

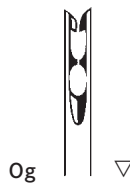
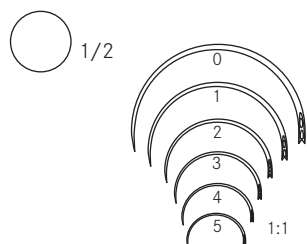


Fig. 0	Fig. 1	Fig. 2
tk 20950-00	tk 20950-01	tk 20950-02
Fig. 3	Fig. 4	Fig. 5
tk 20950-03	tk 20950-04	tk 20950-05



Packung à 12 Stück
 Package of 12 pieces
 Paquet de 12 pièces
 Paquete de 12 piezas
 Confezione da 12 pezzi

Gefäßnadeln | Aiguilles veineuses
 Vascular needles | Aguja vasculares
 Aghi vascolari

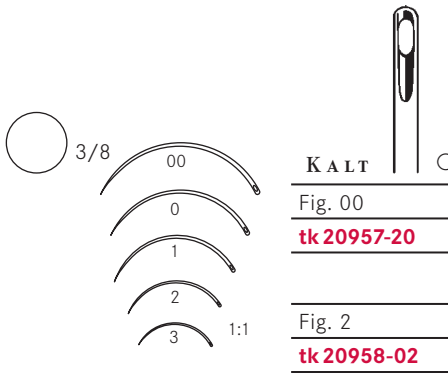


Fig. 00	Fig. 0	Fig. 1
tk 20957-20	tk 20957-10	tk 20958-01

Fig. 2	Fig. 3
tk 20958-02	tk 20958-03

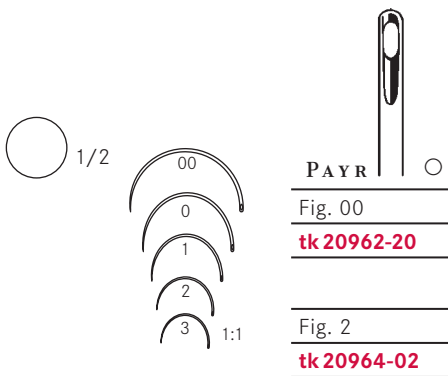


Fig. 00	Fig. 0	Fig. 1
tk 20962-20	tk 20962-10	tk 20964-01

Fig. 2	Fig. 3
tk 20964-02	tk 20964-03

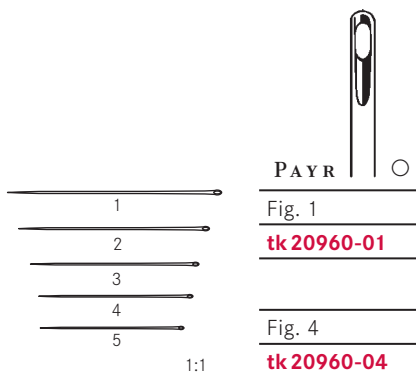


Fig. 1	Fig. 2	Fig. 3
tk 20960-01	tk 20960-02	tk 20960-03

Fig. 4	Fig. 5
tk 20960-04	tk 20960-05

! Packung à 12 Stück
 Package of 12 pieces
 Paquet de 12 pièces
 Paquete de 12 piezas
 Confezione da 12 pezzi

Nahtinstrumente
Suture instruments

Instruments à suture
Instrumentos para sutura
Strumenti per sutura



REVERDIN	Fig. 1	Fig. 2	Fig. 3	Fig. 4
150 mm – 6"	tk 21101-15	tk 21102-15	tk 21103-15	tk 21104-15
195 mm – 7¾"	tk 21101-19	tk 21102-19	tk 21103-19	tk 21104-19
225 mm – 8¾"	tk 21101-23	tk 21102-23	tk 21103-23	tk 21104-23

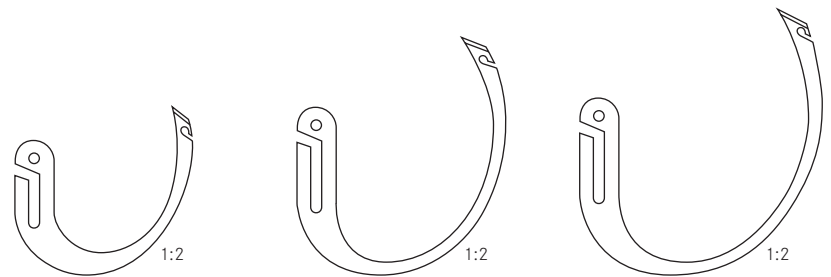


YOUNG

250 mm – 9¾"

tk 21120-25

Komplett mit einem Nadelaufsatz
Complete with one needle
Complet avec une aiguille
Completo con una aguja
Completo con un ago



tk 21121-01

tk 21121-02

tk 21121-03

Ersatznadel
Spare needle
Aiguille de rechange
Aguja de cambio
Ago di ricambio

Nahtinstrumente
Suture instruments

Instruments à suture
Instrumentos para sutura
Strumenti per sutura



200 mm – 8"

tk 21142-20

biegsam
flexible
malléable
maleable
flessibile



COOPER

190 mm – 7½"

tk 21144-19



KRONECKER

130 mm – 5"

tk 21146-13

tk 21147-13

für die rechte Hand
for right hand

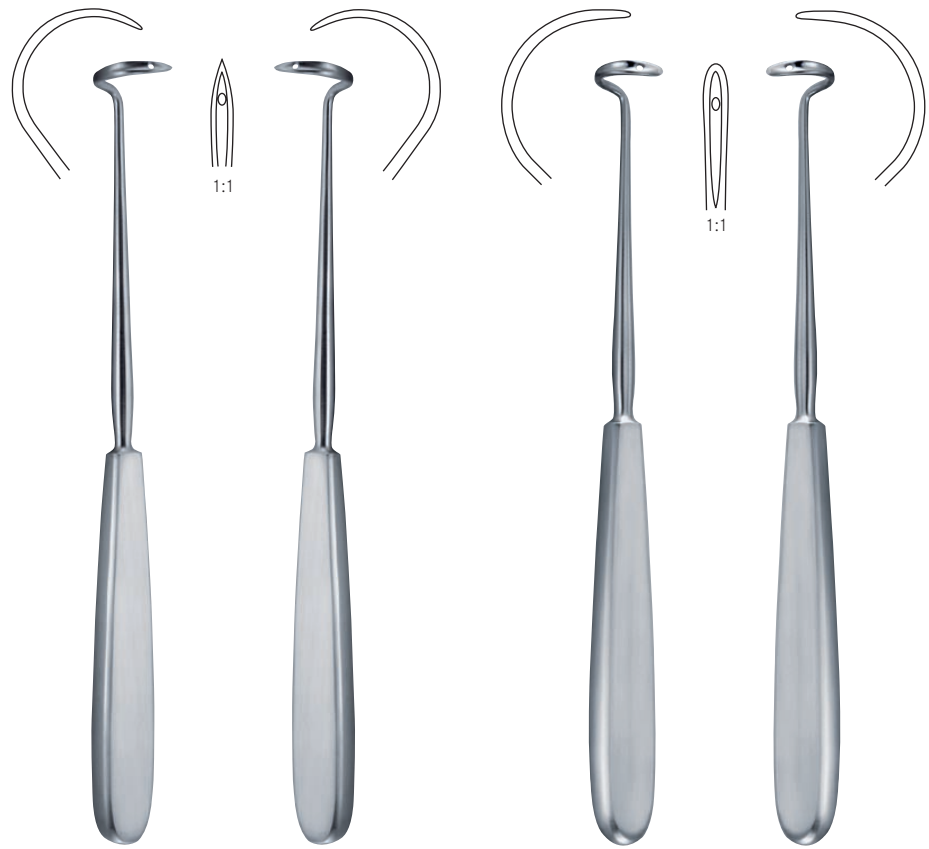
für die linke Hand
for left hand

pour la main droite
para la mano derecha
per la mano destra

pour la main gauche
para la mano izquierda
per la mano sinistra



Unterbindungsnadeln | Aiguilles à suture
Ligature needles | *Agujas para sutura*
 Aghi per sutura



DESCHAMPS				
200 mm – 8"	tk 21210-20	tk 21212-20	tk 21214-20	tk 21216-20
210 mm – 8¼"	tk 21210-21	tk 21212-21	tk 21214-21	tk 21216-21
270 mm – 10¾"	tk 21210-27	tk 21212-27	tk 21214-27	tk 21216-27
	scharf <i>sharp</i> pointue <i>aguda</i> <i>acuta</i>	scharf <i>sharp</i> pointue <i>aguda</i> <i>acuta</i>	stumpf <i>blunt</i> mousse <i>roma</i> <i>smussa</i>	stumpf <i>blunt</i> mousse <i>roma</i> <i>smussa</i>
	für die rechte Hand <i>for right hand</i> pour la main droite <i>para la mano derecha</i> per la mano destra	für die linke Hand <i>for left hand</i> pour la main gauche <i>para la mano izquierda</i> per la mano sinistra	für die rechte Hand <i>for right hand</i> pour la main droite <i>para la mano derecha</i> per la mano destra	für die linke Hand <i>for left hand</i> pour la main gauche <i>para la mano izquierda</i> per la mano sinistra

Nahtinstrumente
Suture instruments

Instruments à suture
Instrumentos para sutura
Strumenti per sutura



ROTTER

260 mm – 10¼"



tk 21220-01

für die rechte Hand
for right hand
pour la main droite
para la mano derecha
per la mano destra



tk 21221-01

für die linke Hand
for left hand
pour la main gauche
para la mano izquierda
per la mano sinistra



tk 21220-02

für die rechte Hand
for right hand
pour la main droite
para la mano derecha
per la mano destra



tk 21221-02

für die linke Hand
for left hand
pour la main gauche
para la mano izquierda
per la mano sinistra

1:2



1:2

SCHMIEDEN

210 mm – 8¼"

tk 21217-22



1:2

CLAUS-
EICKEN

230 mm – 9"

tk 21218-23



1:2

CLAUS

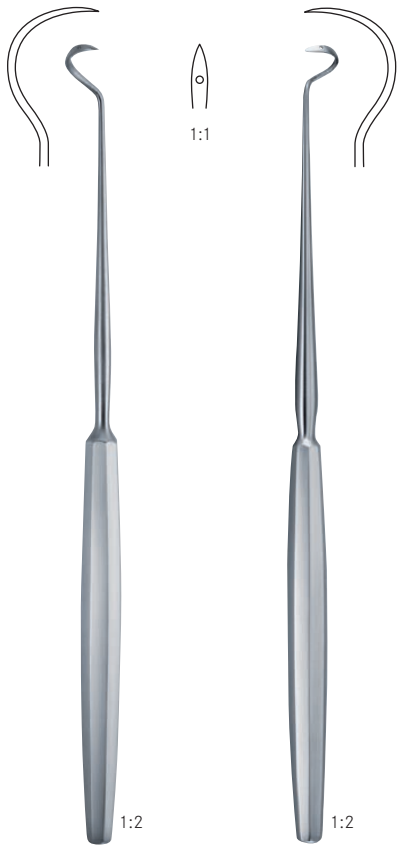
230 mm – 9"

tk 21219-23



Nahtinstrumente
Suture instruments

Instruments à suture
Instrumentos para sutura
Strumenti per sutura



HURD

210 mm – 8¹/₄"

tk 21232-21

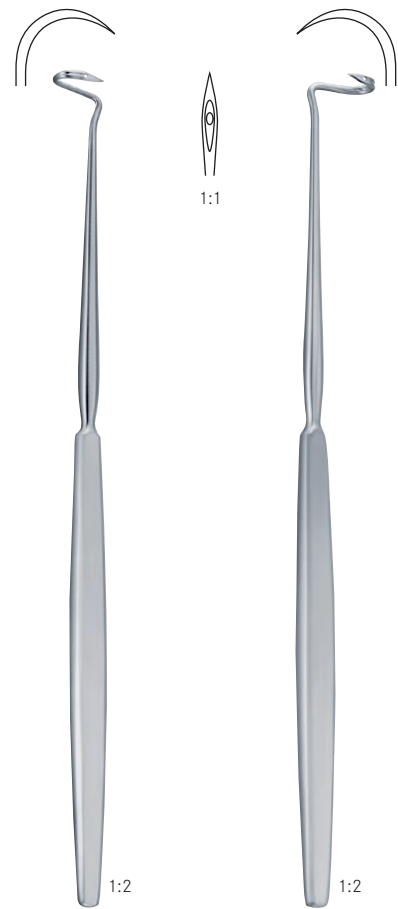
für die rechte Hand
for right hand

pour la main droite
para la mano derecha
per la mano destra

tk 21233-21

für die linke Hand
for left hand

pour la main gauche
para la mano izquierda
per la mano sinistra



DUPUY-WEISS

220 mm – 8³/₄"

tk 21226-22

für die rechte Hand
for right hand

pour la main droite
para la mano derecha
per la mano destra

tk 21227-22

für die linke Hand
for left hand

pour la main gauche
para la mano izquierda
per la mano sinistra

Nahtinstrumente
Suture instruments

Instruments à suture
Instrumentos para sutura
Strumenti per sutura



YANKAUER

170 mm – 6³/₄"

Septumnadeln
Septum suture needles

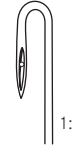
Aiguilles de sutures du septum
Agujas de sutura de septum
Aghi di sutura per setto



1:1



1:1



1:1



1:1

tk 21236-01

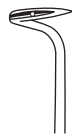
tk 21236-02

tk 21236-03

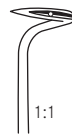
tk 21236-04



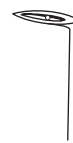
1:1



1:1



1:1



1:1



1:1

tk 21236-05

tk 21236-06

tk 21236-07

tk 21236-08

tk 21236-09

1:2



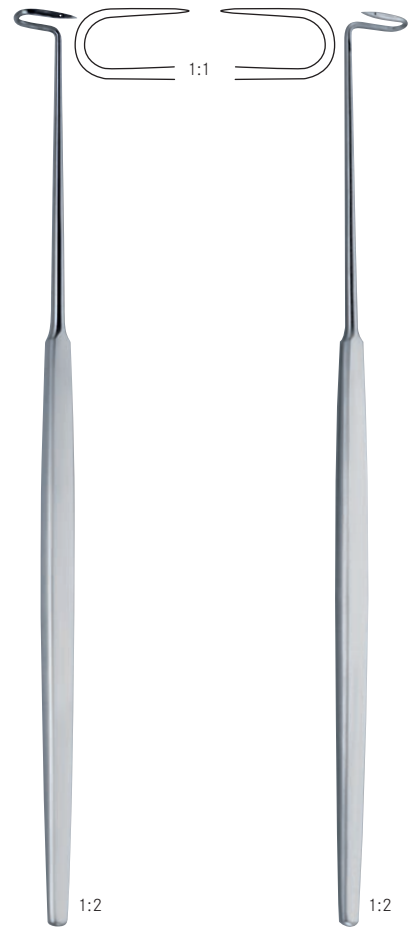
1:1

NAGER

240 mm – 9¹/₂"

tk 21229-24

1:2



1:1

1:2

1:2

FALK

240 mm – 9¹/₂"

tk 21234-24

tk 21235-24

für die rechte Hand
for right hand

für die linke Hand
for left hand

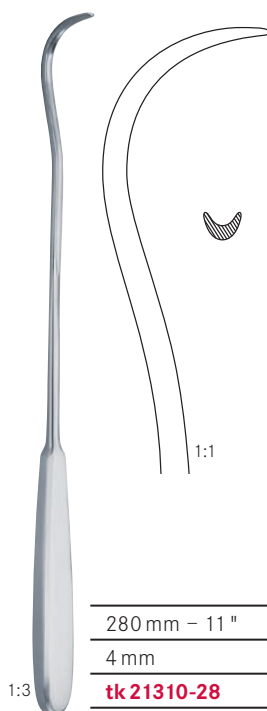
pour la main droite
para la mano derecha
per la mano destra

pour la main gauche
para la mano izquierda
per la mano sinistra

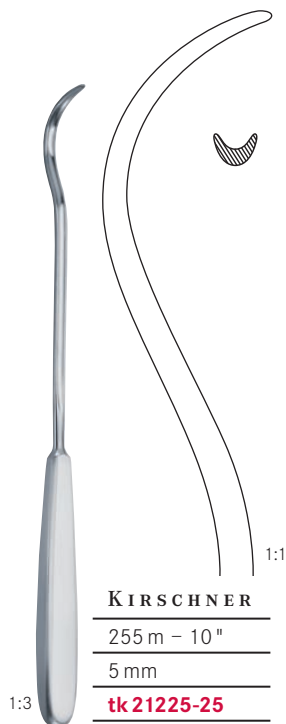


Führungshohlsonden – Nahtinstrumente
Ligature conductors – Suture instruments

Sondes conductrices – Instruments à suture
Sondas conductoras – Instrumental para sutura
 Sonde conduttrici – Strumenti per sutura

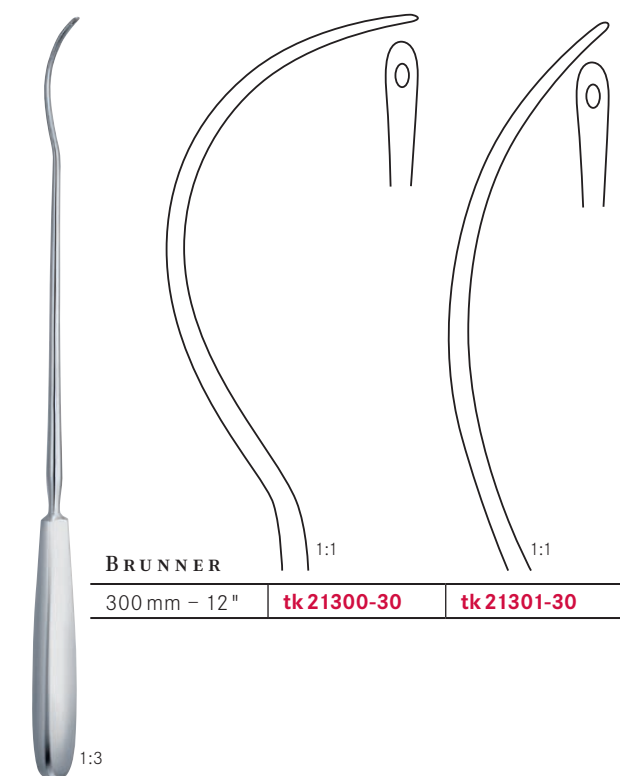


280 mm – 11"
4 mm
tk 21310-28



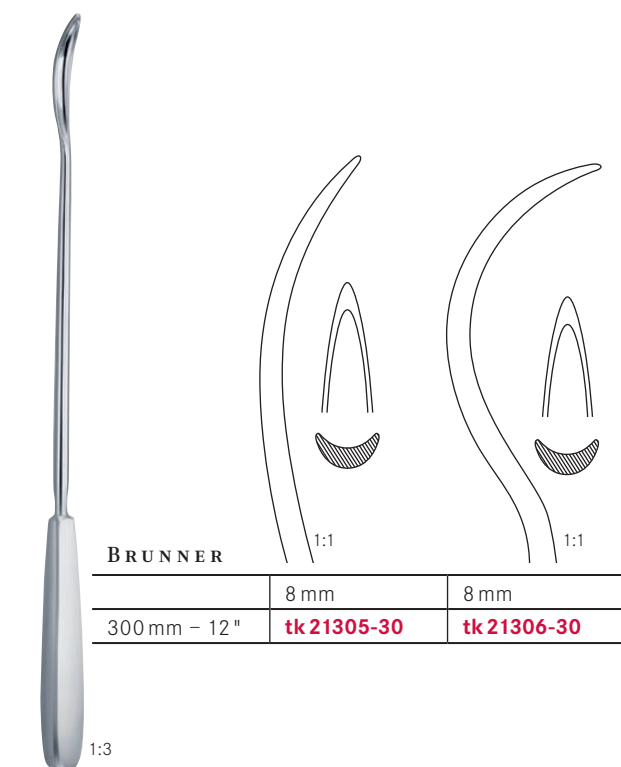
KIRSCHNER

255 m – 10"
5 mm
tk 21225-25



BRUNNER

300 mm – 12"	tk 21300-30	tk 21301-30
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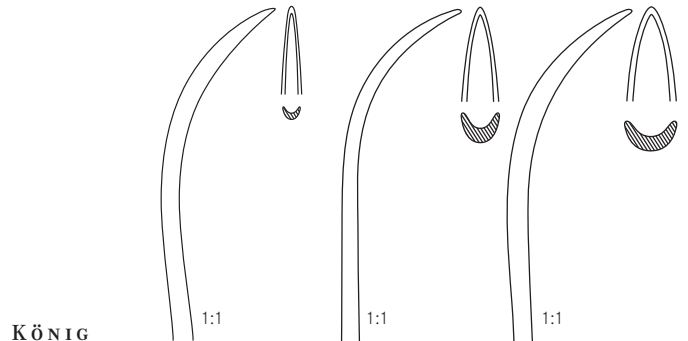


BRUNNER

300 mm – 12"	8 mm	8 mm
	tk 21305-30	tk 21306-30

Führungshohlsonden – Nahtinstrumente
Ligature conductors – Suture instruments

Sondes conductrices – Instruments à suture
Sondas conductoras – Instrumental para sutura
Sonde conduttrici – Strumenti per sutura



KÖNIG	2.5 mm	5 mm	7 mm
190 mm – 7½"	tk 21355-03	tk 21355-05	
200 mm – 8"			tk 21355-07



BRUNNER

180 mm – 7"	tk 21320-18
270 mm – 10¾"	tk 21320-27

Ferrozell

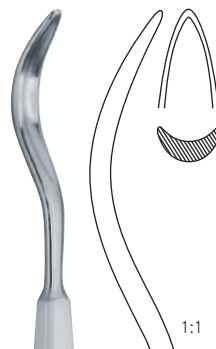


1:2

KIRSCHNER

270 mm – 10¾"	tk 21325-27
---------------	--------------------

Ferrozell

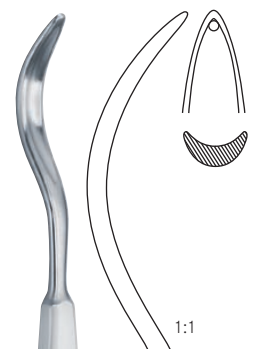


1:1

1:2

SCHMIEDEN

190 mm – 7½"
8 mm
tk 21345-19



1:1

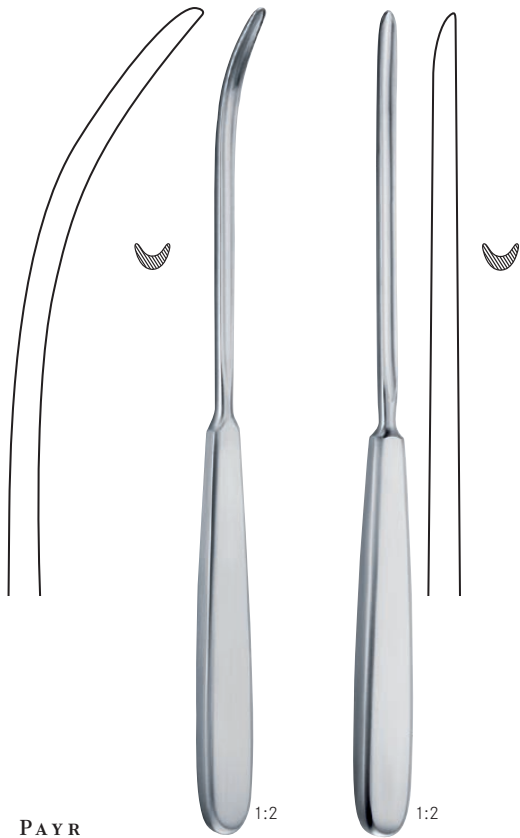
1:2

SCHMIEDEN-PAYR

190 mm – 7½"
8 mm
tk 21346-19

Führungshohlsonden – Nahtinstrumente
Ligature conductors – Suture instruments

Sondes conductrices – Instruments à suture
Sondas conductoras – Instrumental para sutura
 Sonde conduttrici – Strumenti per sutura



PAYR	5 mm	5 mm
220 mm – 8¾"	tk 21365-22	tk 21366-22



MOD. WIEN
 235 mm – 9¼"
tk 21375-23

Fadenfänger
Ligature catcher
 Porte-ligature
Captador de hilos
 Portalegature



BOZEMANN
 210 mm – 8¼"
tk 21380-21

Schlingendreher
Knot tier
 Tords-fil
Tuerce-lazos
 Torcifilo



FADENGABEL
 230 mm – 9"
tk 21385-23

Fadengabel
Ligature adjuster
 Pousse-fil
Horquilla de hilos
 Forchetta da sutura

Klammernaht-Instrumente
Suture clip instruments

Instrumentos para suturas aux agrafes
Instrumentos para suturas con grapas
Strumenti per suture con agraiffe

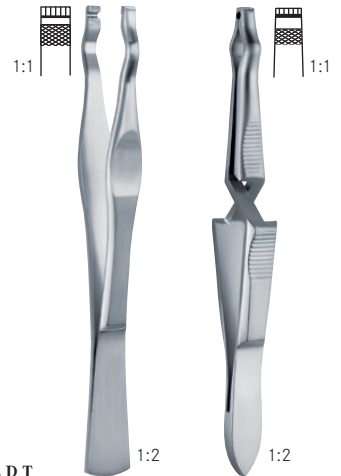


CHILDE
180 mm – 7"
tk 21420-18

kräftig, mit Klammerschiene
heavy pattern, with clip holder
modèle fort, avec porte-agrafe
modelo fuerte, con barra para agrafes
modello forte, con portaagrafes



MICHEL
120 mm – 4¾"
tk 21802-12



WACHENFELDT
125 mm – 5" **tk 21803-12** **tk 21804-12**



HEGENBARTH
125 mm – 5"
tk 21805-12



COLLIN
130 mm – 5"
tk 21806-13



RICHTER-HEATH
140 mm – 5½"
tk 21807-13

Klammernaht-Instrumente
Suture clip instruments

Instruments pour sutures aux agrafes
Instrumentos para suturas con grapas
Strumenti per suture con agraiffe



MICHEL

120 mm – 4 3/4"

tk 21812-12

1:2



MICHEL



	7,5 mm x 1,75 mm	11 mm x 2 mm	12 mm x 3 mm	14 mm x 3 mm
	tk 21900-07	tk 21900-11	tk 21900-12	tk 21900-14

Verkaufseinheit = 1.000 Stück (10 Packungen à 100 Stück)

Unit for sale = 1.000 pieces (10 packages with 100 pieces)

Unité de vente = 1.000 pièces (10 paquets avec 100 pièces)

Unidad de venta = 1.000 piezas (10 paquetes con 100 piezas)

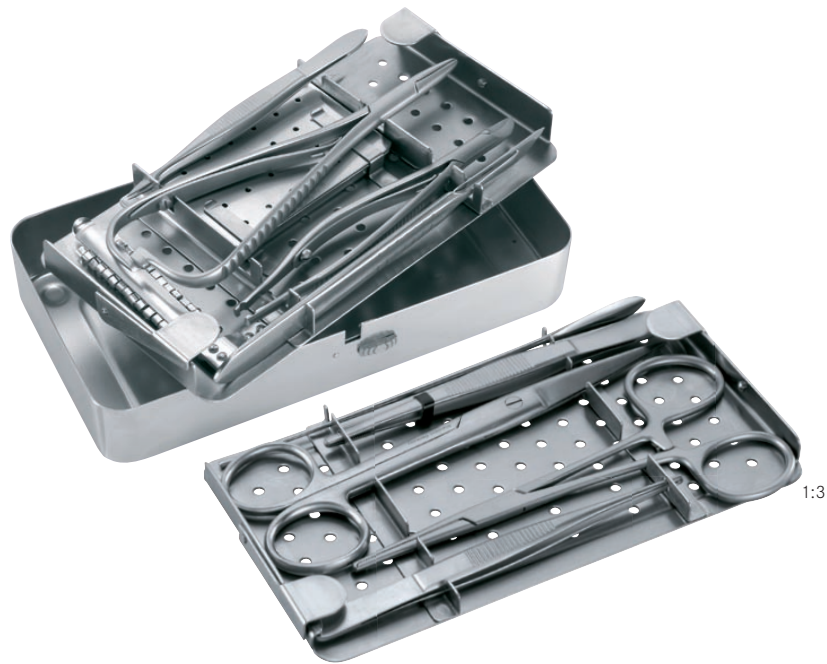
Unità di vendita = 1.000 pezzi (10 pacchetti con 100 pezzi)



16 mm x 3 mm	18 mm x 3 mm	20 mm x 3 mm	22 mm x 3 mm
tk 21900-16	tk 21900-18	tk 21900-20	tk 21900-22

Taschen- und Nahtbesteck
Pocket and suturing kit

Trousse de poche à suture
Estuche de bolsillo y de sutura
Astucci tascabili per sutura



STANDARD

165 mm x 90 mm x 28 mm

tk 21928-00

tk 21928-10

Metalletui, komplett
mit Plastikschtutasche und
2 herausnehmbaren, gelochten
Einlagen mit Stegen

Rolltasche, komplett

Inhalt:

- 1 Nadelhalter Mathieu, 140 mm, tk 20100-14
- 1 Nähseide in Alkohol
- 6 Nähnadeln, sortiert
- 1 Nadeldose, 65 mm x 42 mm, tk 55210-65
- 1 Wundklammerzange Michel, 120 mm, tk 21812-12
- 20 Wundklammern auf Halterung, tk 21900-16
- 1 Skalpellgriff, tk 7100-04
- 3 Skalpellklingen, auswechselbar, Nr 18, 21, 24
- 1 Schere, 145 mm, gerade, stumpf / spitz, tk 8024-14
- 1 anatomische Pinzette, 130 mm, tk 10000-13
- 1 Hakenpinzette, 120 mm, 1:2 Zähne
- 1 Splitterpinzette Feilchenfeld, 95 mm, tk 11500-09
- 1 Arterienklemme Kocher, gerade, 130 mm, tk 12078-13
- 1 Myrtenblattsonde, 130 mm, tk 18108-13

STANDARD

165 mm x 90 mm x 28 mm

tk 21928-00

tk 21928-10

Metal case, complete
with plastic pouch and
2 removable,
perforated trays

Canvas roll, complete

Contents:

- 1 Mathieu, needle holder, 140 mm/6 1/4", tk 20100-14
- 1 Flacon with sterilized silk in alcohol
- 6 Suture needles, assorted
- 1 Needle case, 65 mm x 42 mm, perforated, tk 55210-65
- 1 Michel suture clip forceps, 120 mm/4 3/4", tk 21812-12
- 20 Michel suture clips with clip holder, tk 21900-16
- 1 Scalpel handle, tk 7100-04
- 3 Scalpel blades, interchangeable, Nr. 18, 21, 24
- 1 Scissors, 145 mm/5 3/4", straight, blunt/sharp, tk 8024-14
- 1 Dressing forceps, 130 mm/5", tk 10000-13
- 1 Tissue forceps, 120 mm/4 3/4", 1:2 teeth
- 1 Feilchenfeld, splinter forceps, 95 mm/3 3/4", tk 11500-09
- 1 Kocher artery forceps, 130 mm/5", straight, tk 12078-13
- 1 Probe with myrtle leaf, 130 mm/5", tk 18108-13



Taschen- und Nahtbesteck
Pocket and suturing kit

Trousse de poche à suture
Estuche de bolsillo y de sutura
Astucci tascabili per sutura

STANDARD

165 mm x 90 mm x 28 mm	
tk 21928-00	tk 21928-10

Boîte métal, complète
avec pochette en plastique
et 2 plateaux perforés

Etui de textile, complète

Contenu:

- 1 Porte-aiguille de Mathieu, 140 mm, tk 20100-14
- 1 Flacon de soie à auture, stérile en alcool
- 6 Aiguilles assorties
- 1 Boîte pour aiguilles, 65 mm x 42 mm, perforée, tk 55210-65
- 1 Pince pour agrafes Michel, 12 mm tk 21812-12
- 20 Agrafes de Michel, sur porte-agrafe, tk 21900-16
- 1 Manche de bistouris, tk 7100-04
- 3 Lames interchangeables, Nr. 18, 21, 24
- 1 Ciseaux, 14,5 cm, droites, mousse / pointu, tk 8024-14
- 1 Pince à dissection, 130 mm, tk 10000-13
- 1 Pince à dissection, 120 mm, 1 : 2 dents
- 1 Pince à échardes, Feilchenfeld, 95 mm, tk 11500-09
- 1 Pince hémostatique de Kocher, 130 mm, droits, tk 12078-13
- 1 Sonde feuille de myrte, 130 mm, tk 18108-13

STANDARD

165 mm x 90 mm x 28 mm	
tk 21928-00	tk 21928-10

Estuche de metal, completo
con bolsa de plastica y
2 insertos avomibles

Bolsa en textil, completa

Contenido:

- 1 Porta-aguja, Mathieu, 140 mm, tk 20100-14
- 1 Seda de sutura en alcohol
- 6 Agujas de sutura, seleccionadas
- 1 Caja para agujas, 65 mm x 42 mm, tk 55210-65
- 1 Pinza de suturas Michel, 120 mm, tk 21812-12
- 20 Grapas Michel, tk 21900-16
- 1 Mango de bisturí, tk 7100-04
- 3 Hojas de bisturí, Nr. 18, 21, 24
- 1 Tijera, 145 mm, recto, agudo / romo, tk 8024-14
- 1 Pinza anatomica, 130 mm, tk 10000-13
- 1 Pinza cirurgica, 120 mm, 1 : 2 dientes
- 1 Pinza para fragmentos Feilchenfeld, 95 mm, tk 11500-09
- 1 Pinza Kocher, recta, 130 mm, tk 12078-13
- 1 Sonda de mirto, 130 mm, tk 18108-13

STANDARD

165 mm x 90 mm x 28 mm	
tk 21928-00	tk 21928-10

Scatola di metallo, completa
con porta scatola in plastica e
2 inserti, perforati asportabili

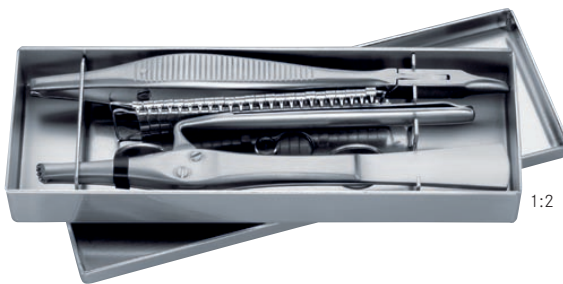
borsa di tela, completa

Contenuto:

- 1 Porta aghi di Mathieu, 140 mm, tk 20100-14
- 1 Flacone con filo da sutura sterile
- 6 Aghi per sutura, assortiti
- 1 Scatola per aghi, 65 mm x 42 mm, tk 55210-65
- 1 Pinza per clip Michel, 120 mm, tk 21812-12
- 20 Clip Michel con porta clip, tk 21900-16
- 1 Manico da bisturi, tk 7100-04
- 3 Lame per bisturi, assortite, Nr. 18, 21, 24
- 1 Forbice, 145 mm, retta, smussa / acuta, tk 8024-14
- 1 Pinzetta anatomica, 130 mm, tk 10000-13
- 1 Pinzetta, 120 mm, 1 : 2 denti
- 1 Pinzetta per schegge Feilchenfeld, 95 mm, tk 11590-98
- 1 Pinza emost. Kocher, retta, 130 mm, tk 12078-13
- 1 Sonda a foglia di mirto, 130 mm, tk 18108-13

Wundnahtbesteck
Suture set

Trousse à sutures
Estuche para suturas
Astuccio per suture



130 mm x 45 mm x 18 mm

tk 21920-00

Wundnahtbesteck in Metall-Etui bestehend aus:

- 1 Wundklammerzange Michel, tk 21812-12
- 1 Wundrand-Fassspinzette Wachenfeldt mit Klammerhalter, tk 21425-12
- 50 Stück Wundklammern Michel, tk 21900-12

Suture clip set in metal case, consisting of:

- 1 Suture clip forceps Michel, tk 21812-12*
- 1 Approximation forceps Wachenfeldt, with clip rack, tk 21425-12*
- 50 pieces suture clips Michel, tk 21900-12*

Trousse à suture, en boîte métal, composée de:

- 1 Pince pour agrafes de Michel, tk 21812-12
- 1 Pince Wachenfeldt avec porte agrafes, tk 21425-12
- 50 Agrafes de Michel, tk 21900-12

Juego de instrumental para suturas, en estuche metalico, con:

- 1 Pinza de suturas Michel, tk 21812-12*
- 1 Pinza de Wachenfeldt con soporte de grapas, tk 21425-12*
- 50 piezas de grapas Michel, tk 21900-12*

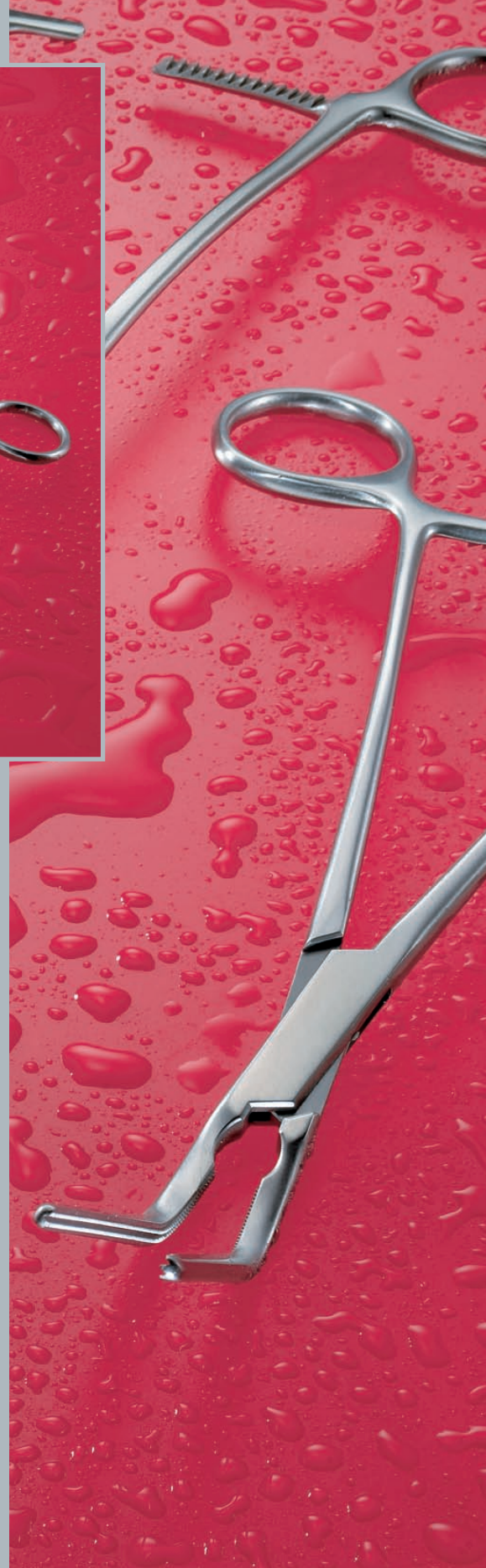
Set per sutura, in scatola di metallo, contenente:

- 1 Pinza per clip Michel, tk 21812-12
- 1 Pinza per accostare bordi della ferita con porta clip di Wachenfeldt, tk 21425-12
- 50 pezzi clip di Michel, tk 21900-12



Gefäßchirurgie
Vascular surgery

Chirurgie vasculaire
Cirurgía vascular
Chirurgia vascolare



Gefäßstripper
Vein stripper

Tire-veines
Fleboextractores
Tiravene



	○ 1:1 2 mm Ø	○ 1:1 3 mm Ø	○ 1:1 4 mm Ø	○ 1:1 5 mm Ø	○ 1:1 6 mm Ø
500 mm – 20"	tk 18147-02	tk 18147-03	tk 18147-04	tk 18147-06	tk 18147-07

	○ 1:1 8.5 mm Ø	○ 1:1 10 mm Ø	○ 1:1 12 mm Ø	○ 1:1 14 mm Ø
500 mm – 20"	tk 18147-08	tk 18147-10	tk 18147-12	tk 18147-14



120 mm – 4¾" **tk 18147-30**

Griff für tk 18147-02 – tk 18147-14
Handle for tk 18147-02 - tk 18147-14
Manche pour tk 18147-02 – tk 18147-14
Mango para tk 18147-02 – tk 18147-14
Manico per tk 18147-02 – tk 18147-14

1:2



1:2

RUMEL-BELMONT

	3.2 mm Ø	6.4 mm Ø
325 mm – 12¾"	tk 24845-32	tk 24845-64

Tourniquet	für Kinder	für Erwachsene
Tourniquet	for children	for adults
Tourniquet	pour enfants	pour adultes
Tourniquete	para niños	para adultos
Tourniquet	per bambini	per adulti

Krampfaderbesteck
Varicose vein probe set

Trousse à varices
Juego para várices
 Astuccio per varici



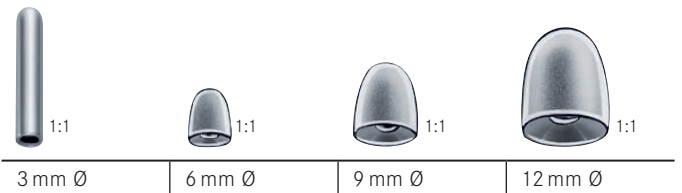
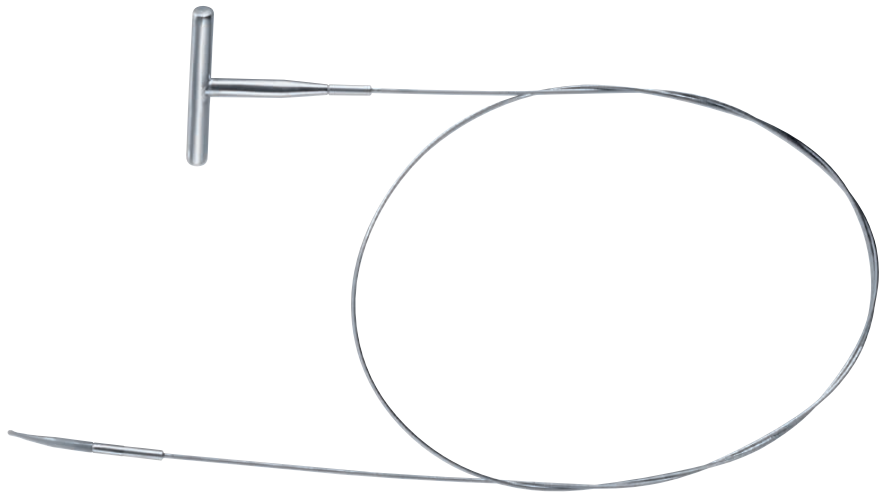
1:2

NABATOFF

135 mm x 100 mm x 25 mm

tk 18145-00

komplett
complete
 complet
completo
 completo



1:1

1:1

1:1

1:1

3 mm Ø

6 mm Ø

9 mm Ø

12 mm Ø

tk 18145-95	tk 18145-80	tk 18145-90	tk 18145-02
Metalletui <i>Metal case</i>	Griff <i>Handle</i>	Zugseil 900 mm <i>Cable 900 mm</i>	Sondenspitze, Kunststoff <i>Probe tip in plastic</i>
Boîte métal <i>Estuche</i>	Manche <i>Mango</i>	Corde à traction 900 mm <i>Cordón 900 mm</i>	Sonde en plastique <i>Extremidad de sonda, plastica</i>
Astuccio	Manico	Fune di trazione 900 mm	Punta di plastica

 1:1	 1:1	 1:1	 1:1	 1:1
3 mm Ø	6 mm Ø	9 mm Ø	12 mm Ø	15 mm Ø
tk 18145-03	tk 18145-06	tk 18145-09	tk 18145-12	tk 18145-15

Sonde <i>Probe</i>	Olive <i>Olive</i>
Sonde <i>Sonda</i>	Olive <i>Oliva</i>
Sonda	Oliva

Approximatoren, Gefäßclips nach Biemer
Approximators, Biemer clips

Approximateurs, clips selon Biemer
Approximadores, Biemer clips
Approssimatori, clips vascolari Biemer



1:3

BIEMER

tk 25209-02	tk 25209-01
Anlegepinzette mit Schloss <i>applying forceps with lock</i> pince à poser avec verrou <i>aplicadora con cierre</i> pinza posa clips con cremagliera	Anlegepinzette ohne Schloss <i>applying forceps without lock</i> pince à poser sans verrou <i>aplicadora sin cierre</i> pinza posa clips senza cremagliera



x	y	gms
Maullänge <i>jaw length</i> longueur du mors <i>longitud de la boca</i> lunghezza del morso	max. Maulöffnung <i>max. jaw opening</i> ouverture max. du mors <i>apertura max. de la boca</i> apertura mass.	Schließkraft <i>closing pressure</i> force de fermeture <i>fuerza de cierre</i> pressione



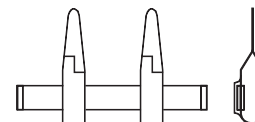
tk 25210-00
x = 6 mm
y = 4 mm
gms = 30-40



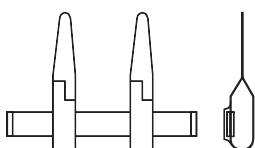
tk 25211-00
x = 9 mm
y = 5 mm
gms = 30-40



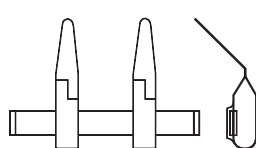
tk 25212-00
x = 9 mm
y = 5 mm
gms = 20-25



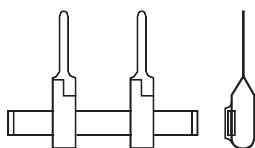
tk 25213-00
x = 4.5 mm
y = 3.0 mm
gms = 30-40



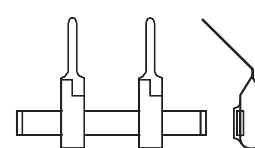
tk 25214-00
x = 9 mm
y = 5 mm
gms = 30-40



tk 25215-00
x = 9 mm
y = 5 mm
gms = 30-40



tk 25216-00
x = 9 mm
y = 5 mm
gms = 20-25



tk 25217-00
x = 9 mm
y = 5 mm
gms = 30-40

Für temporären Gebrauch, (gekennzeichnet durch gelb eingefärbte Federenden) für Gefäße mit 0,5 mm – 2,0 mm Ø. Maulinnenflächen schräg gerieft für schonendes und sicheres Festhalten der Gefäße. Der fest eingestellte Schließdruck gewährt risikofreie Anwendung.

For temporary occlusion, (identified by yellow coloured spring ends) for vessels of 0,5 mm – 2,0 mm Ø. Blade gripping surface with oblique serrations for save but careful gripping of vessels. No risk due to rigidly fixed pressure measure.

Pour usage temporaire, (ressorts couleur jaune) pour vaisseaux de 0,5 mm – 2,0 mm Ø. Mors striés pour fixation sûr et menagement. Force du fermeture non changeable.

Para oclusión temporal (ressortes amarillos) para vasos de 0,5 mm – 2,0 mm Ø. Boca estriada para fijación segura y moderada de los vasos. Utilización sin riesgo con fuerza de oclusión fijo.

Per uso temporaneo, con finale della molla giallo, per vasi di 0,5 mm – 2,0 mm Ø. Morso zigrinato per una presa sicura, non traumatica.

Anlegepinzetten für Gefäßclips
Applying forceps for vessel clips

Pinces à poser des clips
Aplicadoras para clips
 Pinze per mettere clips



140 mm – 5½" **tk 25059-01** **tk 25059-02**

140 mm – 5½" **tk 25059-03**

mit Schloß
with lock
 avec serrure
con cierre
 con cremagliera

für Approximatoren und Doppelklemmen
for approximators and double-clips
 pour approximateurs et clips doubles
para aproximadores y clips dobles
 per approssimatori e clips doppi

für Clips tk 25060-01 bis tk 27075-04
for clips tk 25060-01 to tk 27075-04
 pour clips tk 25060-01 a tk 27075-04
para clips tk 25060-01 a tk 27075-04
 per clips tk 25060-01 a tk 27075-04



x	Ø	V	A
Länge	Gefäß	Vene	Arterie
Length	Vessel	Vein	Artery
Longueur	Vaisseau	Veine	Artère
Longitud	Vaso	Vena	Arteria
Lunghezza	Vaso	Vena	Arteria







Weitere Modelle und Ausführungen auf Anfrage.
Other models and executions upon request.
 Autres modèles et exécutions sur demande.
Otros modelos y ejecuciones segun demanda.
 Altri modelli a richiesta.

Approximatoren, Gefäßclips
Approximators, clips

Approximateurs, clips
Approximadores, clips
Approssimatori, clips vascolari





x = 8 mm

V	tk 25060-01	tk 25060-02	tk 25060-03	tk 25060-04
A	tk 25070-01	tk 25070-02	tk 25070-03	tk 25070-04

Ø = 0,4 mm - 1 mm


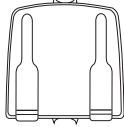
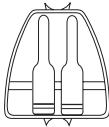
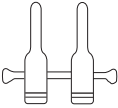
x = 11 mm

V	tk 25061-01	tk 25061-02	tk 25061-03	tk 25061-04
A	tk 25071-01	tk 25071-02	tk 25071-03	tk 25071-04

Ø = 0,6 mm - 1,5 mm


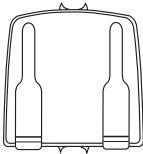
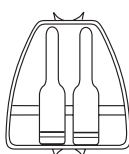
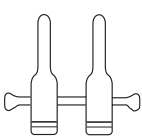
x = 14 mm

V	tk 25062-01	tk 25062-02	tk 25062-03	tk 25062-04
A	tk 25072-01	tk 25072-02	tk 25072-03	tk 25072-04

Ø = 1 mm - 2 mm


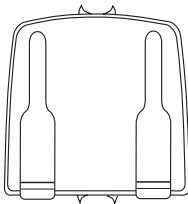
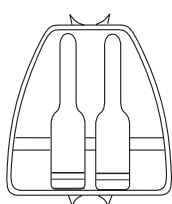
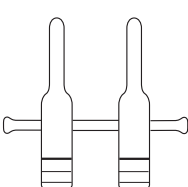
x = 17 mm

V	tk 25063-01	tk 25063-02	tk 25063-03	tk 25063-04
A	tk 25073-01	tk 25073-02	tk 25073-03	tk 25073-04

Ø = 1 mm - 2,25 mm


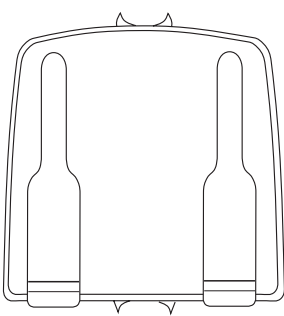
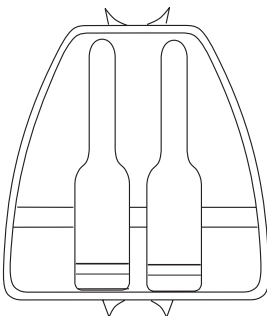
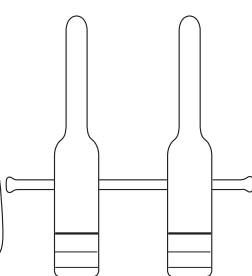
x = 25 mm

V	tk 25064-01	tk 25064-02	tk 25064-03	tk 25064-04
A	tk 25074-01	tk 25074-02	tk 25074-03	tk 25074-04

Ø = 1,5 mm - 3,5 mm

x = 36 mm

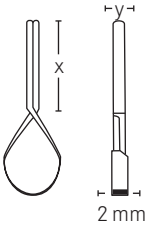





V	tk 25065-01	tk 25065-02	tk 25065-03	tk 25065-04
A	tk 25075-01	tk 25075-02	tk 25075-03	tk 25075-04

Ø = 1,5 mm - 3,5 mm

Mikro-Gefäßclips
Micro vessel-clips

Micro clips pour vaisseaux
Micro clips para vasos
Micro clips per vasi



x = Maullänge
x = *Jaw length*

x = Longueur du mors
x = *Longitud de la boca*
x = Lunghezza del morso

y = max. Maulöffnung
y = *max. opening*

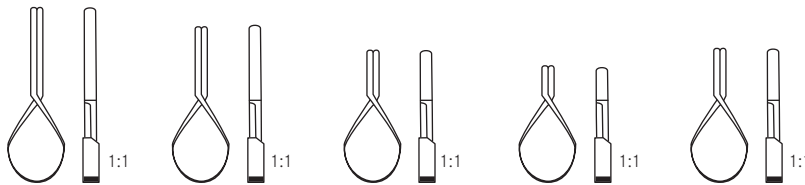
y = Ouverture max. du mors
y = *Apertura max. de la boca*
y = Apertura mass. del morso

gms = Schließkraft
gms = *Pressure*

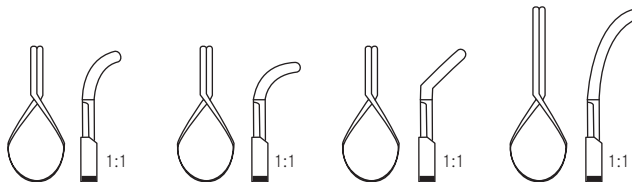
gms = Force de fermeture
gms = *Presión*
gms = Sforza della chiusura

für temporären Verschluss
for temporary closure

pour fermeture temporaire
para oclusión temporal
per chiusura temporanea



x = 10.0 mm	x = 8.0 mm	x = 6.0 mm	x = 4.0 mm	x = 6.0 mm
y = 1.5 mm	y = 1.0 mm	y = 0.8 mm	y = 0.75 mm	y = 1.0 mm
gms = 70	gms = 70	gms = 70	gms = 70	gms = 70
tk 25723-01	tk 25723-02	tk 25723-03	tk 25723-04	tk 25723-05



x = 6.0 mm	x = 6.0 mm	x = 6.0 mm	x = 10.0 mm
y = 1.0 mm	y = 1.0 mm	y = 1.0 mm	y = 1.0 mm
gms = 70	gms = 70	gms = 70	gms = 70
tk 25724-01	tk 25724-02	tk 25724-03	tk 25724-04



150 mm – 6" **tk 25720-13**

mit Sperre
with ratchet
avec crémaillère
con ciera
con cremagliera

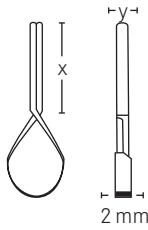
180 mm – 7" **tk 25722-18**

mit Sperre, bajonettförmig
with ratchet, bayonet shaped
avec crémaillère, en forme de bajonette
con ciera, en forma de bayoneta
con cremagliera, a forma bajonetta

für Clips tk 25723-01 bis tk 25726-04
for clips tk 25723-01 to tk 25726-04
pour clips tk 25723-01 a tk 25726-04
para clips tk 25723-01 a tk 25726-04
per clips tk 25723-01 a tk 25726-04

Mikro-Gefäßclips
Micro vessel-clips

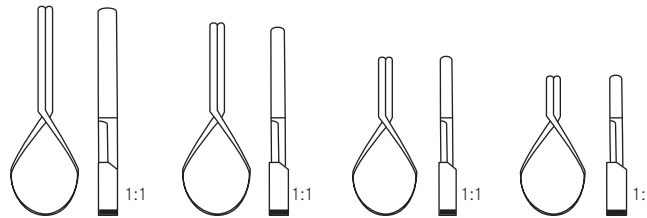
Micro clips pour vaisseaux
Micro clips para vasos
Micro clips per vasi



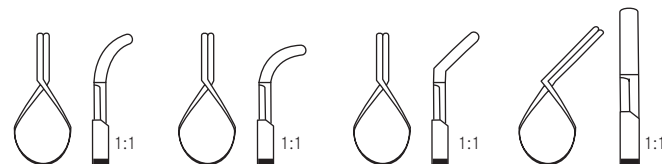
x = Maullänge	y = max. Maulöffnung	gms = Schließkraft
x = Jaw length	y = max. opening	gms = Pressure
x = Longueur du mors	y = Ouverture max. du mors	gms = Force de fermeture
x = Longitud de la boca	y = Apertura max. de la boca	gms = Presión
x = Lunghezza del morso	y = Apertura mass. del morso	gms = Sforza della chiusura

für temporären Verschluss
for temporary closure

pour fermeture temporaire
para oclusión temporal
per chiusura temporanea



x = 10.0 mm	x = 8.0 mm	x = 6.0 mm	x = 4.0 mm
y = 2.0 mm	y = 2.0 mm	y = 1.0 mm	y = 0.75 mm
gms = 150	gms = 150	gms = 150	gms = 150
tk 25725-01	tk 25725-02	tk 25725-03	tk 25725-04

















x = 6.0 mm	x = 6.0 mm	x = 6.0 mm	x = 8.0 mm
y = 1.0 mm	y = 1.0 mm	y = 1.0 mm	y = 2.0 mm
gms = 150	gms = 150	gms = 150	gms = 150
tk 25726-01	tk 25726-02	tk 25726-03	tk 25726-04

Bulldogklemmen
Bulldog clamps

Clamps Bulldog
Clamps Bulldog
Pinze Bulldog



JOHNS HOPKINS	 1:1	 1:1	 1:1	 1:1	 1:1	 1:1	 1:1
	38 mm – 1½"	50 mm – 2"	55 mm – 2¼"	65 mm – 2½"	70 mm – 2¾"	75 mm – 3"	90 mm – 3½"
	tk 11946-38	tk 11946-50	tk 11946-55	tk 11946-65	tk 11946-70	tk 11946-75	tk 11946-90

JOHNS HOPKINS	 1:1	 1:1	 1:1	 1:1	 1:1	 1:1	 1:1
	38 mm – 1½"	50 mm – 2"	55 mm – 2¼"	65 mm – 2½"	70 mm – 2¾"	75 mm – 3"	90 mm – 3½"
	tk 11947-38	tk 11947-50	tk 11947-55	tk 11947-65	tk 11947-70	tk 11947-75	tk 11947-90



235 mm – 9¼"

tk 11948-23


Anlegezange für Bulldogklemmen
Applying forceps for Bulldog clamps

Pince pour poser les clamps Bulldog
Pinza aplicadora para clamps Bulldog
Pinza per posizionare le pinze Bulldog





1:2


Bulldogklemmen
Bulldog clamps

Clamps Bulldog
Clamps Bulldog
Pinze Bulldog


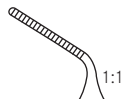
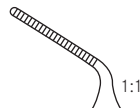
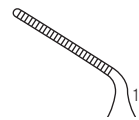
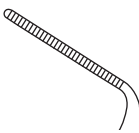
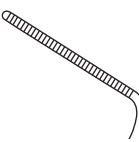


1:1

DIETHRICH	 1:1	 1:1	 1:1	 1:1
	8 mm	12 mm	16 mm	20 mm
50 mm – 2"	tk 11940-08	tk 11940-12	tk 11940-16	tk 11940-20



1:1

DIETHRICH	 1:1	 1:1	 1:1	 1:1	 1:1	 1:1
	8 mm	12 mm	13 mm	16 mm	18 mm	20 mm
50 mm – 2"	tk 11941-08	tk 11941-12	tk 11941-13	tk 11941-16	tk 11941-18	tk 11941-20

Bulldogklemmen
Bulldog clamps

Clamps Bulldog
Clamps Bulldog
Pinze Bulldog

ATRAUMTK



COOLEY				
	80 mm – 3¼"	90 mm – 3½"	105 mm – 4¼"	125 mm – 5"
	tk 11942-08	tk 11942-09	tk 11942-10	tk 11942-12

COOLEY				
	75 mm – 3"	85 mm – 3¼"	95 mm – 3¾"	115 mm – 4½"
	tk 11943-07	tk 11943-08	tk 11943-09	tk 11943-11

Bulldogklemmen
Bulldog clamps

Clamps Bulldog
Clamps Bulldog
Pinze Bulldog

ATRAUMTK



DE BAKEY				
	75 mm – 3"	85 mm – 3 1/4"	105 mm – 4 1/4"	120 mm – 4 3/4"
	tk 11950-08	tk 11950-09	tk 11950-10	tk 11950-12



DE BAKEY					
	70 mm – 2 3/4"	80 mm – 3 1/4"	100 mm – 4"	115 mm – 4 1/2"	55 mm – 2 1/4"
	tk 11951-08	tk 11951-09	tk 11951-10	tk 11951-12	tk 11951-05

abgewinkelt
angled on flat
coudée sur le plat
angulado
angolato

Bulldogklemmen
Bulldog clamps

Clamps Bulldog
Clamps Bulldog
Pinze Bulldog

ATRAUMTK



GLOVER	1:1	1:1	1:1	1:1
	60 mm – 2 1/2"	70 mm – 2 3/4"	90 mm – 3 1/2"	110 mm – 4 1/4"
	tk 11944-06	tk 11944-07	tk 11944-09	tk 11944-11



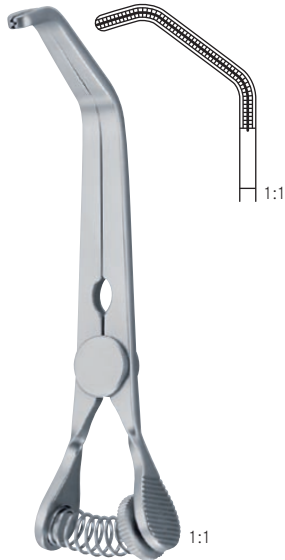
GLOVER	1:1	1:1	1:1	1:1	1:1
	55 mm – 2 1/4"	65 mm – 2 1/2"	85 mm – 3 1/4"	105 mm – 4 1/4"	50 mm – 2"
	tk 11945-06	tk 11945-07	tk 11945-09	tk 11945-11	tk 11945-05

abgewinkelt
angled on flat
coudée sur le plat
angulado
angolato

Bulldogklemmen
Bulldog clamps

Clamps Bulldog
Clamps Bulldog
Pinze Bulldog

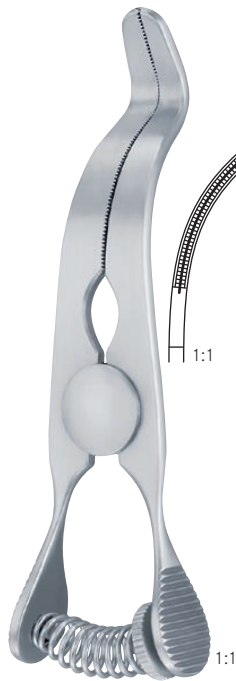
ATRAUMTK



DE BAKEY-SATINSKY

70 mm – 2¾"

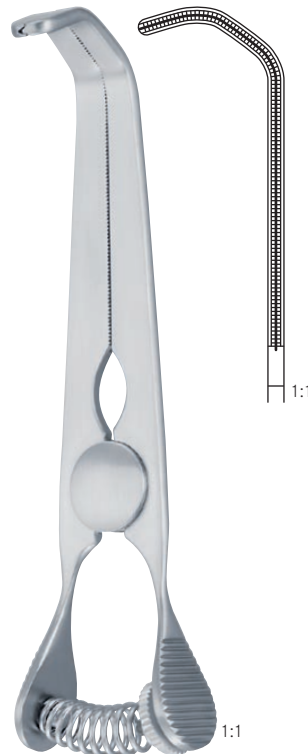
tk 11953-07



DE BAKEY-CAROTIS

90 mm – 3½"

tk 11953-09



DE BAKEY-SATINSKY

100 mm – 4"

tk 11953-10



SANTULLI

70 mm – 2¾"

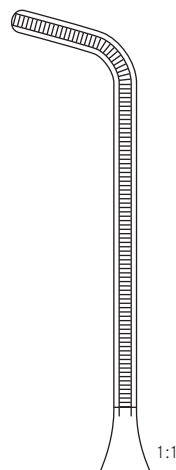
tk 11957-07



GREGORY-SOFT

90 mm – 3½"

tk 11959-09



110 mm – 4¼"

tk 11959-11

Atraumatische Pinzetten
Atraumatic tissue forceps

Pinces atraumatiques
Pinzas atraumáticas de disección
Pinze atraumatiche per dissezione

ATRAUMTK



DE BAKEY				
	x = 1.5 mm	x = 2.0 mm	x = 2.7 mm	x = 3.5 mm
120 mm – 4¾"	tk 11960-12			
145 mm – 5¾"	tk 11960-14	tk 11964-14		
160 mm – 6¼"	tk 11960-16	tk 11964-16	tk 11966-16	tk 11965-16
200 mm – 8"	tk 11960-20	tk 11964-20	tk 11966-20	tk 11965-20
240 mm – 9½"	tk 11960-24	tk 11964-24	tk 11966-24	tk 11965-24
300 mm – 12"		tk 11964-30	tk 11966-30	tk 11965-30
350 mm – 14"				tk 11965-35

	x = 1.5 mm	x = 2.0 mm
145 mm – 5¾"	tk 11967-14	
160 mm – 6¼"		tk 11967-16
200 mm – 8"		tk 11967-20
240 mm – 9½"		tk 11967-24
300 mm – 12"		tk 11967-30

Atraumatische Pinzetten
Atraumatic tissue forceps

Pinces atraumatiques
Pinzas atraumáticas de disección
Pinze atraumatiche per dissezione

TITAN^{TK}

ATRAUM^{TK}

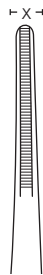


DE BAKEY					
	x = 1.2 mm	x = 1.5 mm	x = 1.8 mm	x = 2.0 mm	x = 2.8 mm
160 mm – 6¼"	tk 11970-16	tk 11971-16	tk 11972-16	tk 11975-16	tk 11976-16
200 mm – 8"	tk 11970-20	tk 11971-20	tk 11972-20	tk 11975-20	tk 11976-20
240 mm – 9½"	tk 11970-24	tk 11971-24	tk 11972-24	tk 11975-24	tk 11976-24

Atraumatische Pinzetten
Atraumatic tissue forceps

Pinces atraumatiques
Pinzas atraumáticas de disección
Pinze atraumatiche per dissezione

ATRAUMTK



	x = 2.5 mm	x = 3.0 mm
150 mm – 6 "	tk 11962-15	tk 11963-15
200 mm – 8 "	tk 11962-20	tk 11963-20
240 mm – 9½ "	tk 11962-24	tk 11963-24

rostfrei
stainless
inoxydable
inoxidable
inossidabile



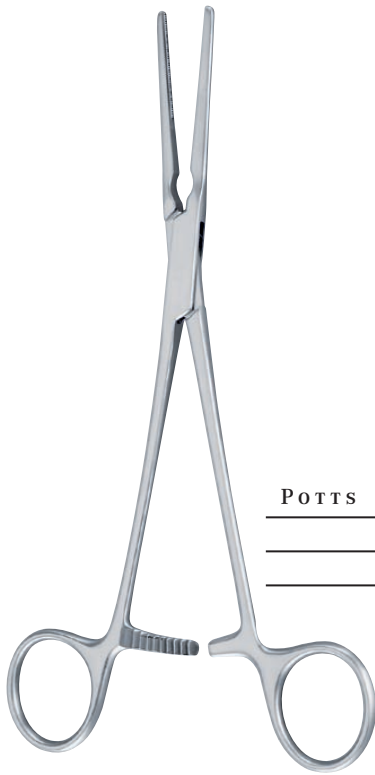
	x = 2.5 mm	x = 2.8 mm
150 mm – 6 "	tk 11978-15	tk 11979-15
200 mm – 8 "	tk 11978-20	tk 11979-20
240 mm – 9½ "	tk 11978-24	tk 11979-24

TITANTK

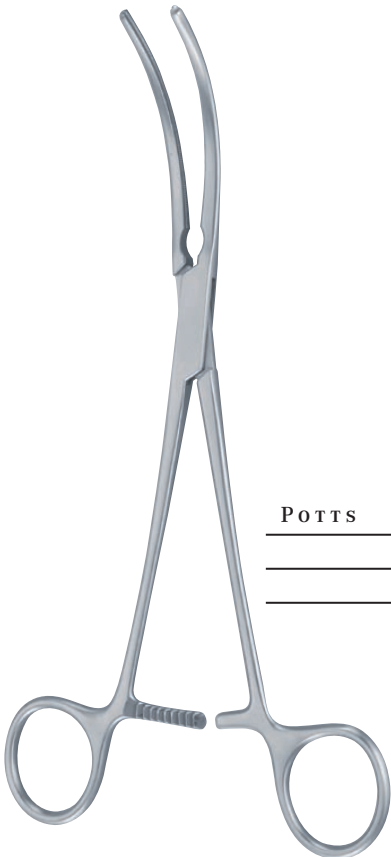


Bulldogklemmen mit Ringgriff
Ring handle Bulldog clamps

Clamps Bulldog, manches à anneaux
Clamps Bulldog, mangos con anillos
Pinze Bulldog con manici ad anelli



POTTS	1:1	1:1	1:1	1:1
	200 mm – 8"	220 mm – 8¾"	200 mm – 8"	220 mm – 8¾"
	tk 22070-21	tk 22070-22	tk 22075-21	tk 22075-22

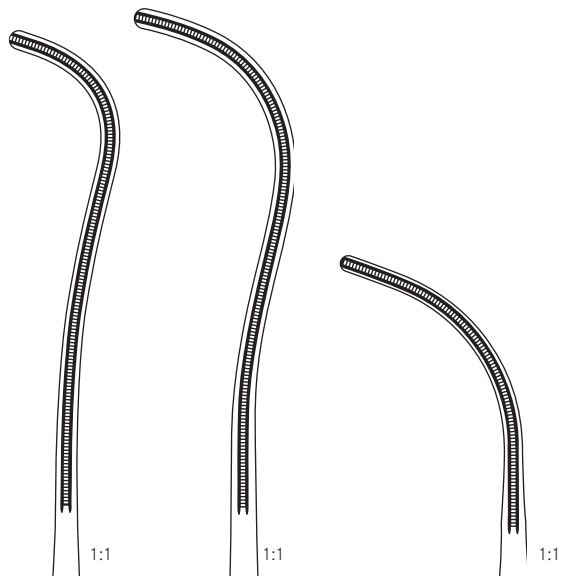


POTTS	1:1	1:1	1:1
	220 mm – 8¾"	210 mm – 8¼"	220 mm – 8¾"
	tk 22081-22	tk 22083-21	tk 22083-22

Gefäßklemmen
Vascular forceps

Pinces vasculaires
Pinzas vasculares
Pinze vascolari

ATRAUMTK



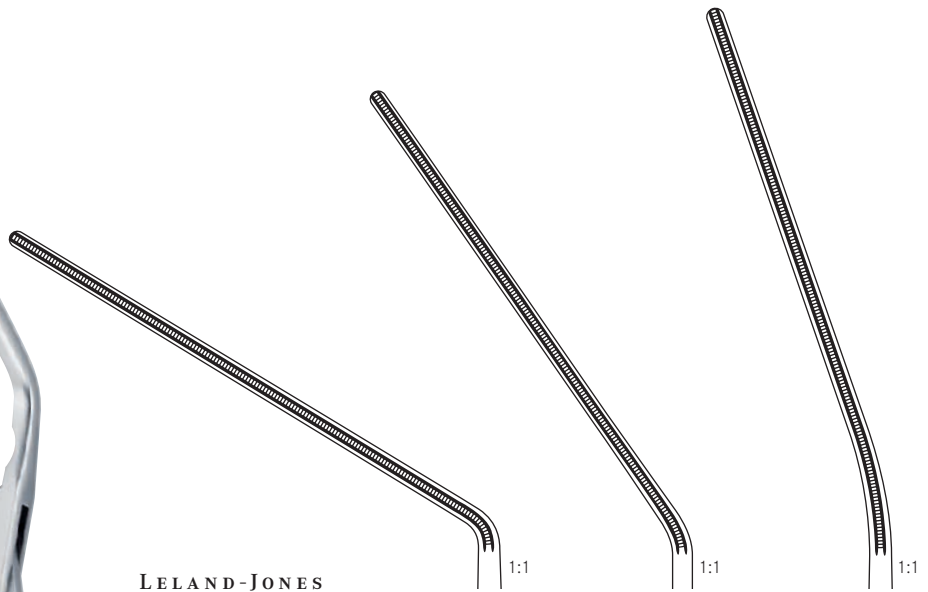
DE BAKEY

190 mm – 7½"	230 mm – 9"	160 mm – 6¼"
tk 22048-20	tk 22048-24	tk 22049-16

Gefäßklemmen
Vascular forceps

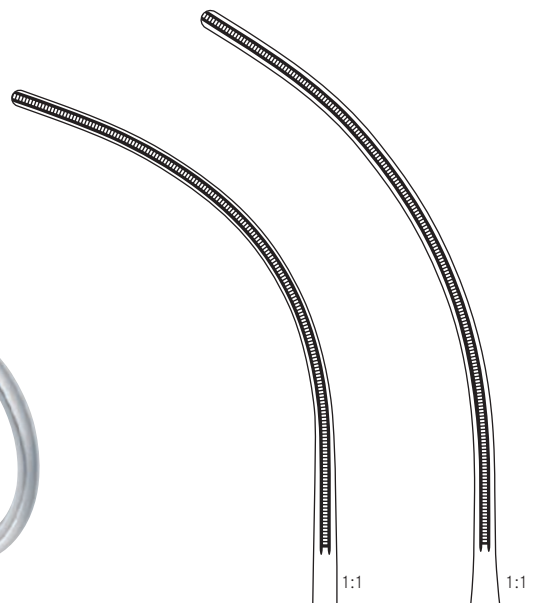
Pinces vasculaires
Pinzas vasculares
Pinze vascolari

ATRAUMTK



LELAND-JONES

180 mm – 7"	190 mm – 7½"	200 mm – 8"
tk 22056-04	tk 22056-02	tk 22056-03



190 mm – 7½"	200 mm – 8"
tk 22049-19	tk 22049-20

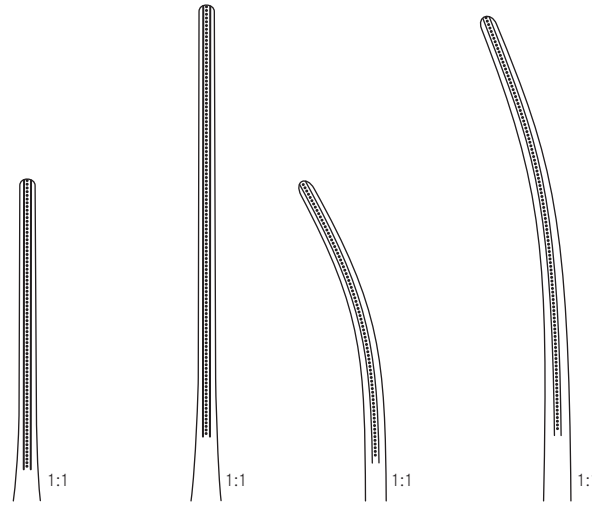
Gefäßklemmen
Vascular forceps

Pinces vasculaires
Pinzas vasculares
Pinze vascolari

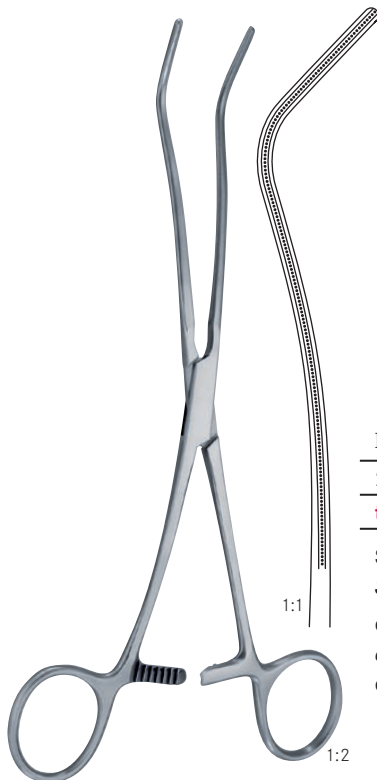
ATRAUMTK



**BAINBRIDGE,
LIGHT**



150 mm – 6"	180 mm – 7"	150 mm – 6"	180 mm – 7"
tk 22045-15	tk 22045-18	tk 22046-15	tk 22046-18



DE BAKEY

200 mm – 8"

tk 22047-20

S-förmig gebogen
S-curved

courbe en S

curva en S

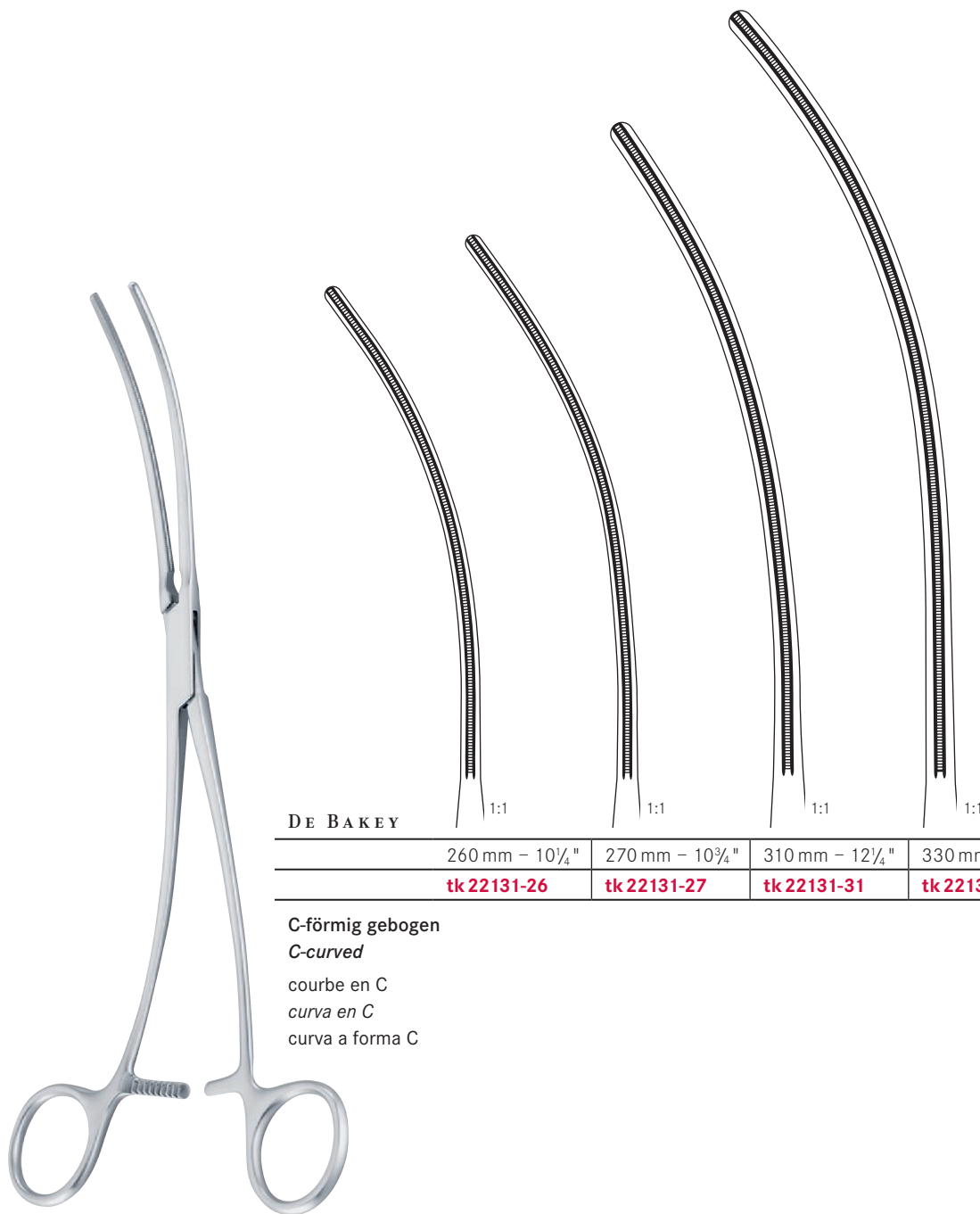
curva a forma S

1:1

1:2

Gefäßklemmen
Vascular forceps

Pinces vasculaires
Pinzas vasculares
Pinze vascolari



DE BAKEY

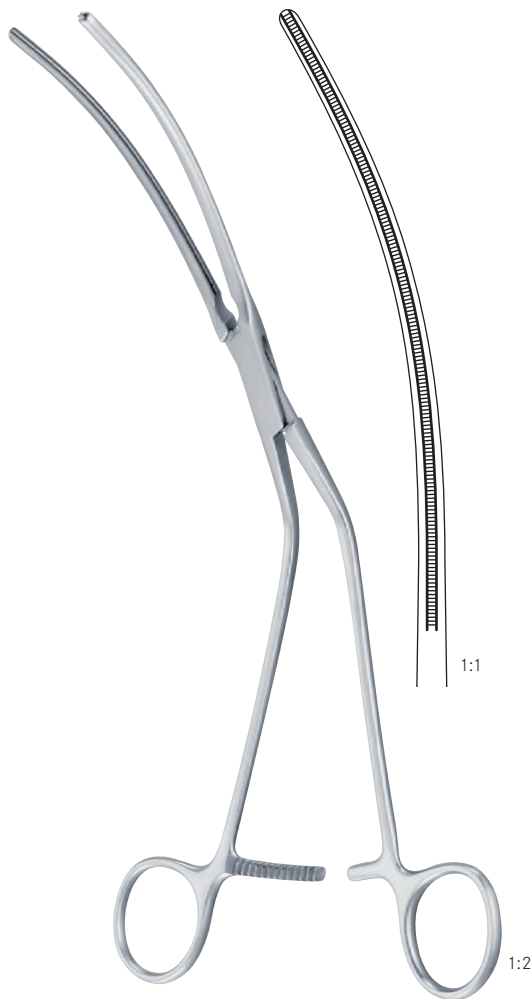
260 mm – 10¼"	270 mm – 10¾"	310 mm – 12¼"	330 mm – 13¾"
tk 22131-26	tk 22131-27	tk 22131-31	tk 22131-33

C-förmig gebogen
C-curved
courbe en C
curva en C
curva a forma C

Gefäßklemmen
Vascular forceps

Pinces vasculaires
Pinzas vasculares
Pinze vascolari

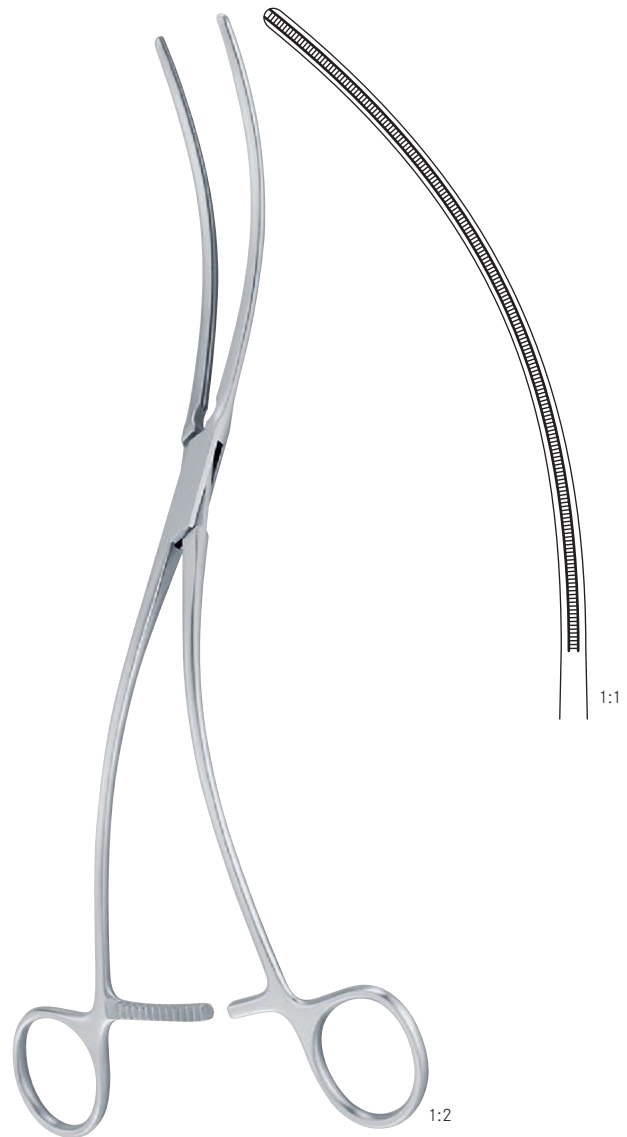
ATRAUMTK



DE BAKEY

280 mm – 11"

tk 22136-28



300 mm – 11³/₄"

tk 22137-30

S-förmig gebogen

S-curved

courbe en S

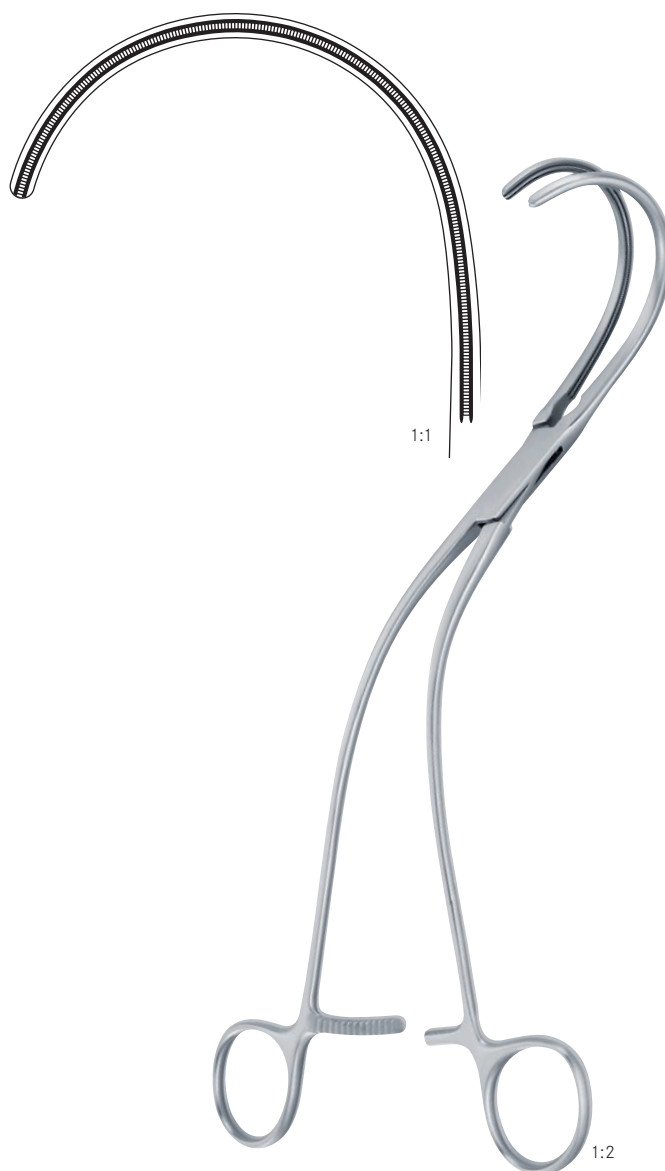
curva en S

curva a forma S

Gefäßklemmen
Vascular forceps

Pinces vasculaires
Pinzas vasculares
Pinze vascolari

ATRAUMTK



WEBER

260 mm – 10 $\frac{1}{4}$ "

tk 22140-26

links gebogen
curved left
courbe à gauche
curva a la izquierda
curvata a sinistra

260 mm – 10 $\frac{1}{4}$ "

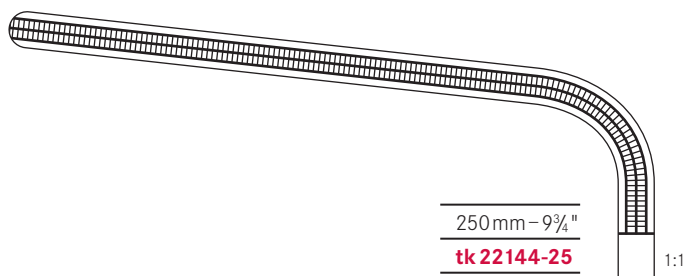
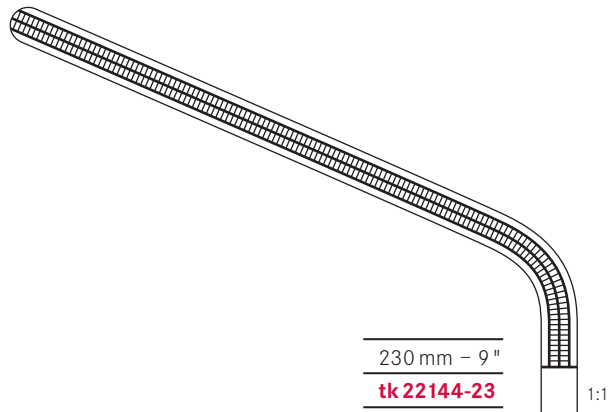
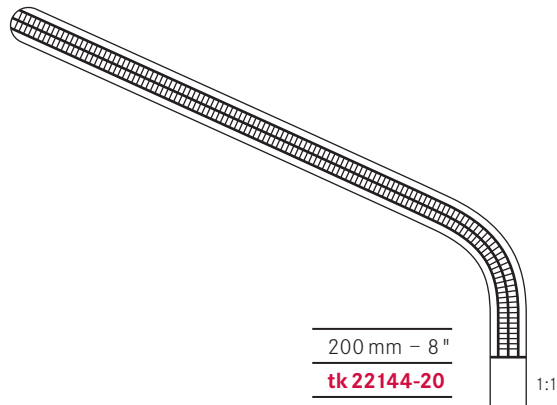
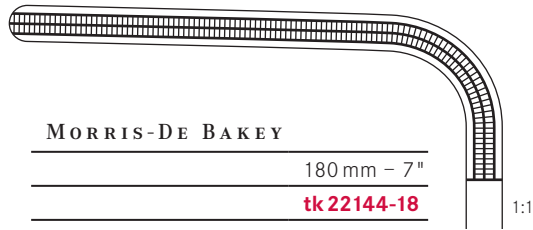
tk 22141-26

rechts gebogen
curved right
courbe à droite
curva a la derecha
curvata a destra

Gefäßklemmen
Vascular forceps

Pinces vasculaires
Pinzas vasculares
Pinze vascolari

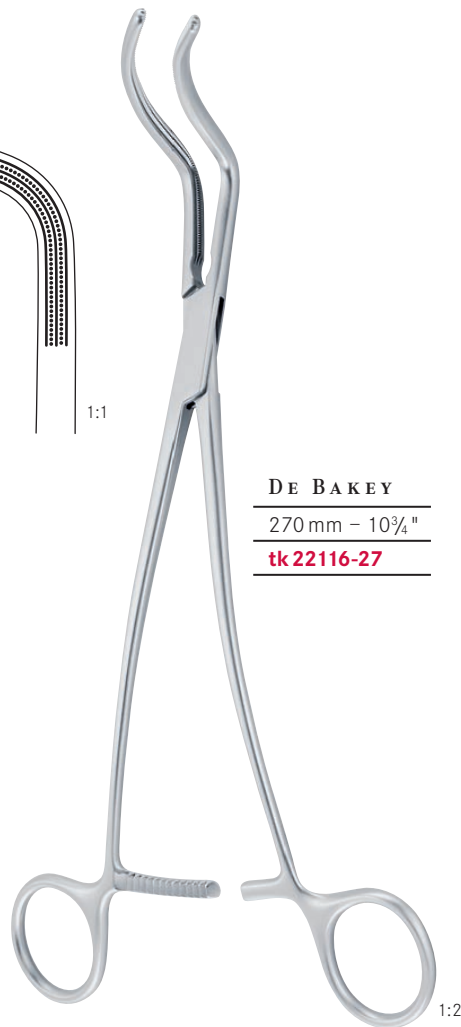
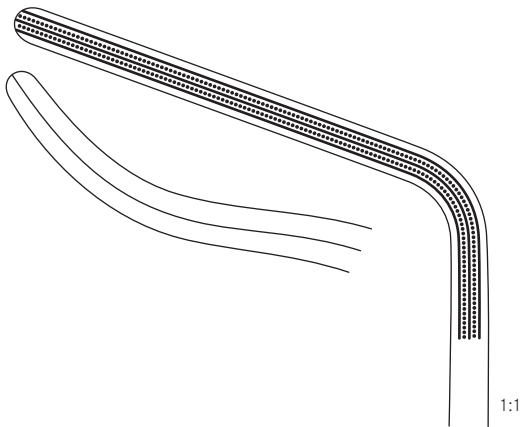
ATRAUMTK



Gefäßklemmen
Vascular forceps

Pinces vasculaires
Pinzas vasculares
Pinze vascolari

ATRAUMTK



DE BAKEY

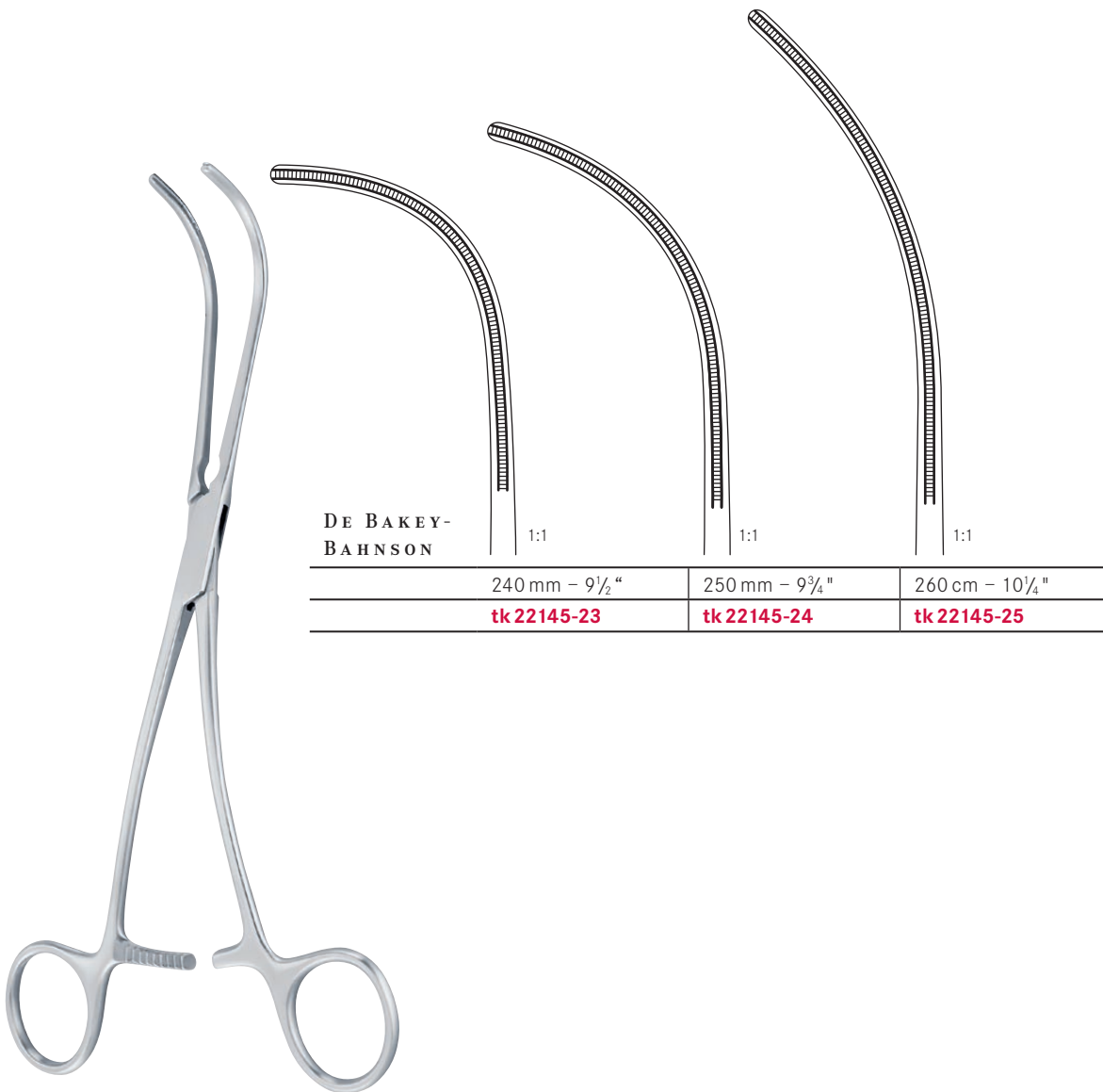
270 mm – 10¾"

tk 22116-27

Gefäßklemmen
Vascular forceps

Pinces vasculaires
Pinzas vasculares
Pinze vascolari

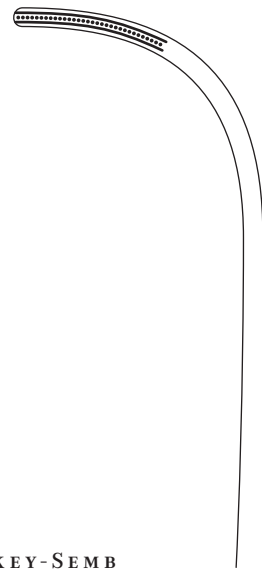
ATRAUMTK



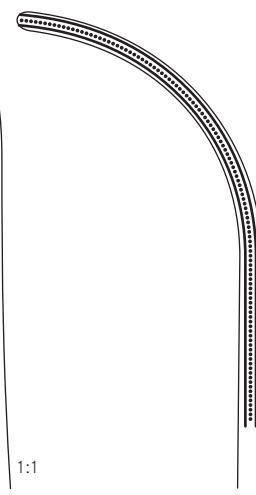
Gefäßklemmen
Vascular forceps

Pinces vasculaires
Pinzas vasculares
Pinze vascolari

ATRAUMTK



1:1



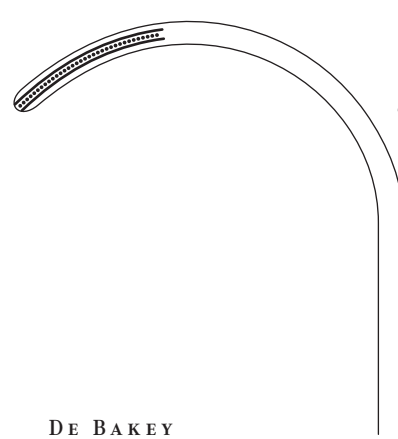
1:1

DE BAKEY-SEMB

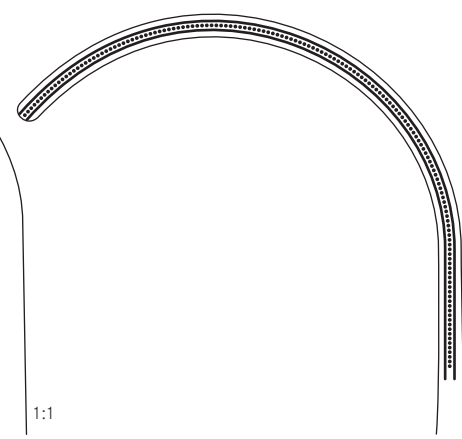
240 mm – 9½"

tk 22117-24

tk 22118-24



1:1



1:1

DE BAKEY

250 mm – 10"

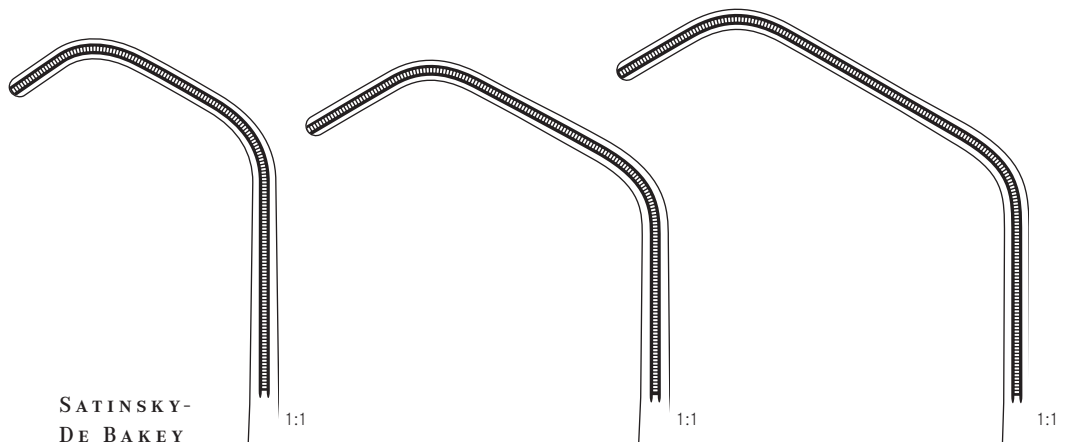
tk 22120-25

260 mm – 10¼"

tk 22120-26

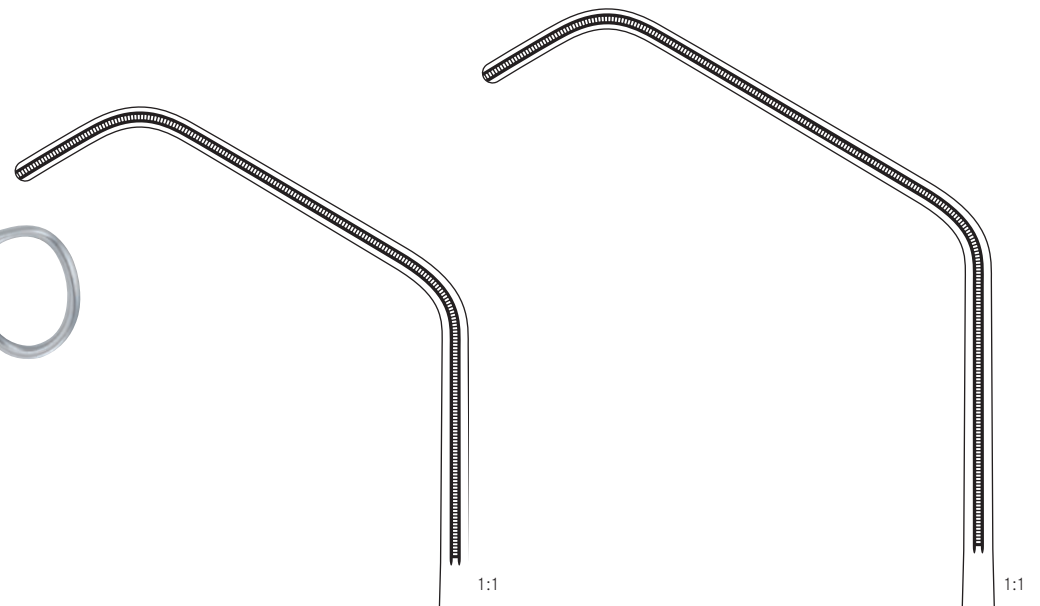
Gefäßklemmen | Pincés vasculaires
Vascular forceps | Pinzas vasculares
Pinze vascolari

ATRAUMTK



SATINSKY-
DE BAKÉY

205 mm – 8"	240 mm – 9 ³ / ₄ "	250 mm – 10"
tk 22125-20	tk 22125-24	tk 22125-25

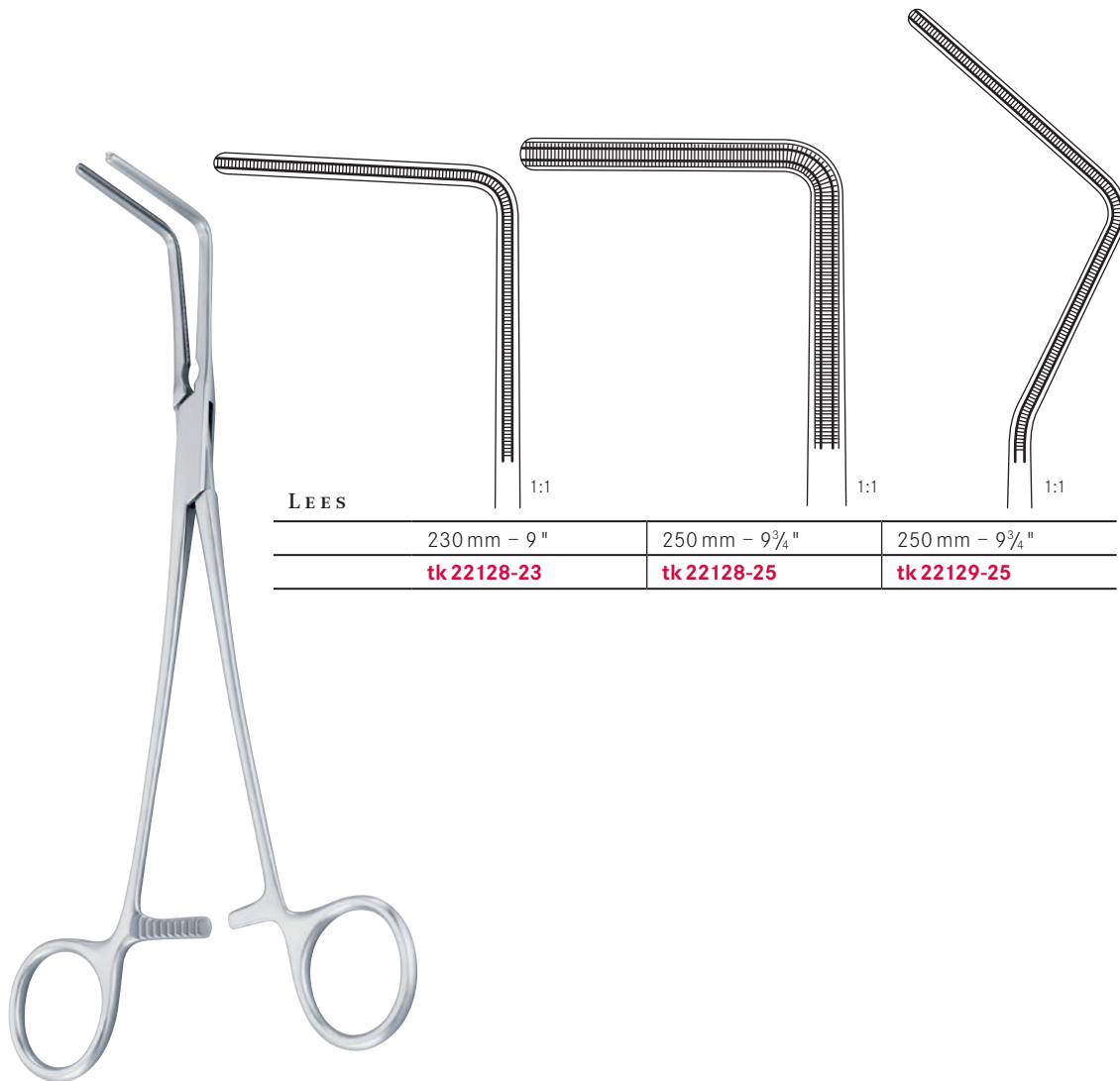


265 mm – 10 ¹ / ₂ "	275 mm – 10 ³ / ₄ "
tk 22125-26	tk 22125-27

Gefäßklemmen
Vascular forceps

Pinces vasculaires
Pinzas vasculares
 Pinze vascolari

ATRAUMTK

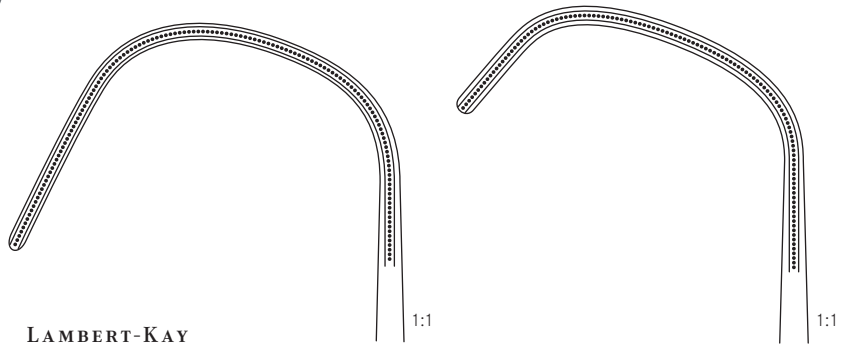


LEES			
	230 mm – 9"	250 mm – 9¾"	250 mm – 9¾"
	tk 22128-23	tk 22128-25	tk 22129-25

Gefäßklemmen
Vascular forceps

Pinces vasculaires
Pinzas vasculares
Pinze vascolari

ATRAUMTK



LAMBERT-KAY

200 mm – 8"

tk 22138-21

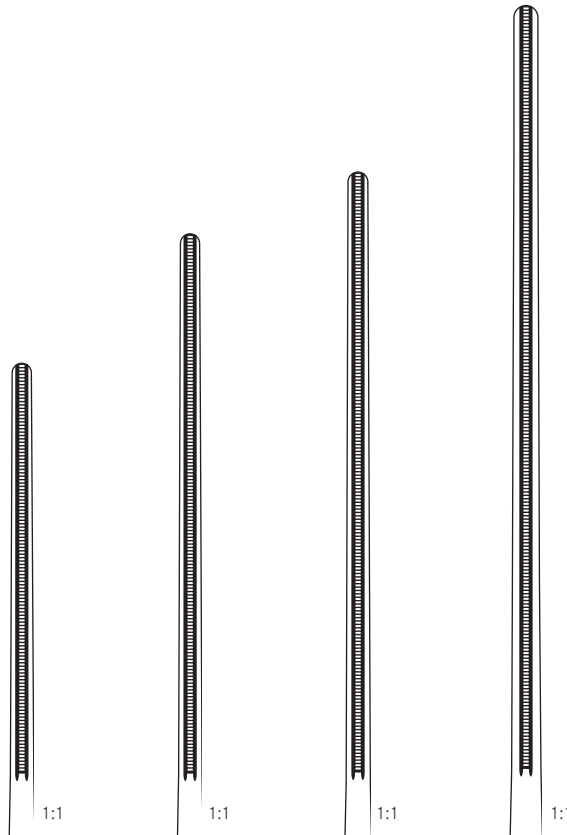
tk 22139-21

Gefäßklemmen
Vascular forceps

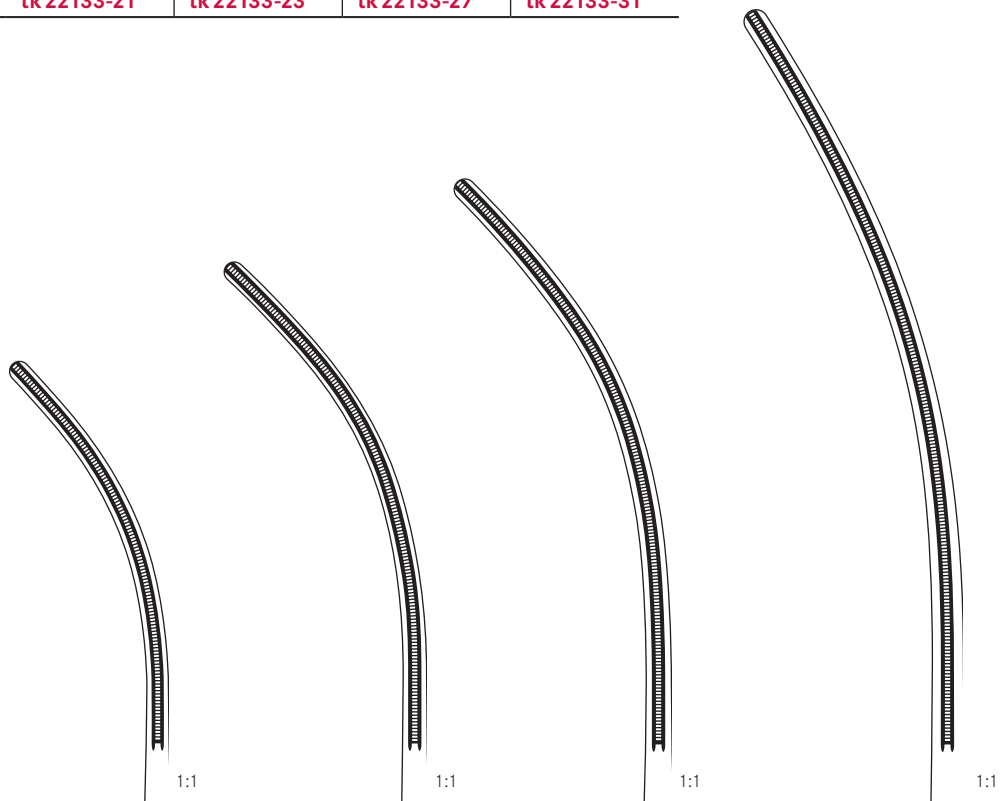
Pinces vasculaires
Pinzas vasculares
Pinze vascolari



DE BAKEY



215 mm – 8½"	230 mm – 9"	270 mm – 10¾"	315 mm – 12½"
tk 22133-21	tk 22133-23	tk 22133-27	tk 22133-31

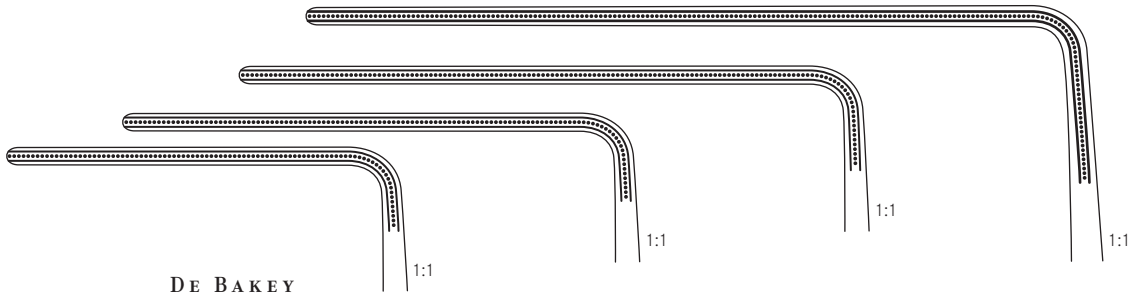


215 mm – 8½"	230 mm – 9"	270 mm – 10¾"	315 mm – 12½"
tk 22135-21	tk 22135-23	tk 22135-27	tk 22135-31

Gefäßklemmen
Vascular forceps

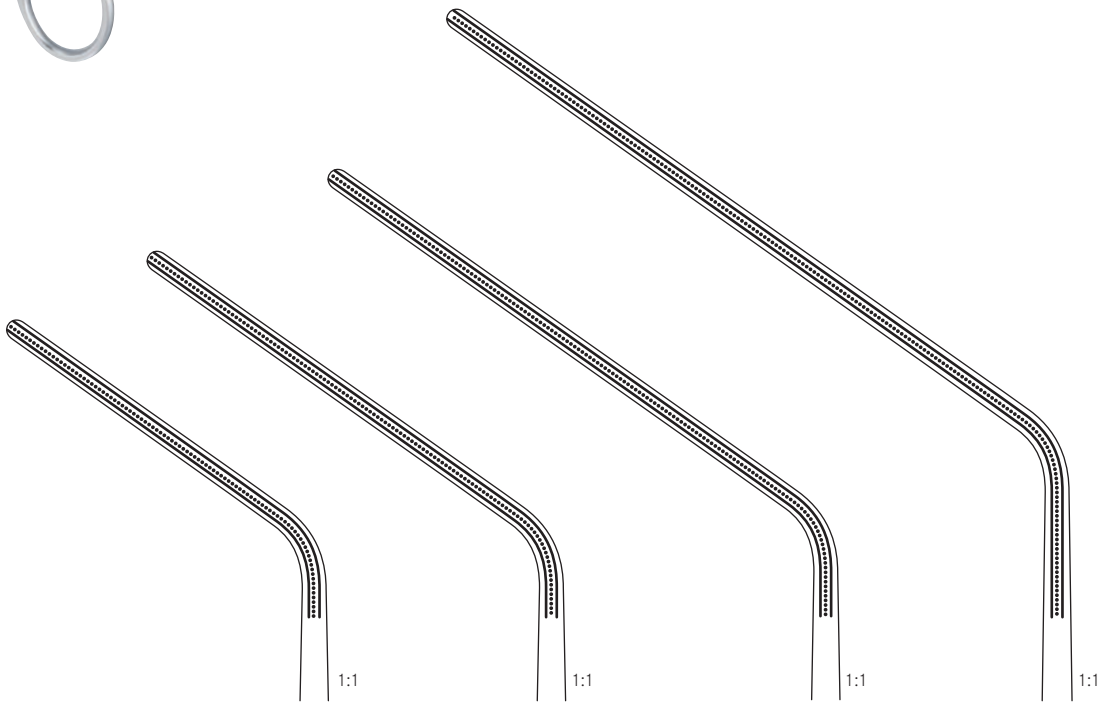
Pinces vasculaires
Pinzas vasculares
Pinze vascolari

ATRAUMTK



DE BAKEY

180 mm – 7"	190 mm – 7½"	230 mm – 9"	270 mm – 10¾"
tk 22110-18	tk 22110-19	tk 22110-23	tk 22110-27



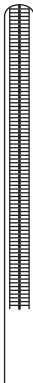
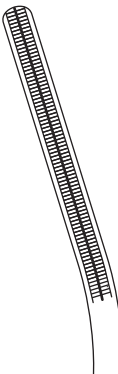
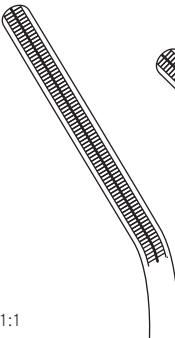
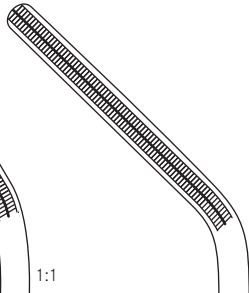
200 mm – 8"	210 mm – 8¼"	250 mm – 9¾"	300 mm – 12"
tk 22112-20	tk 22112-21	tk 22112-25	tk 22112-29

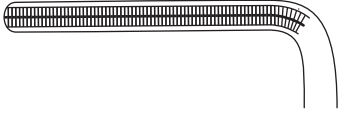
Gefäßklemmen
Vascular forceps

Pinces vasculaires
Pinzas vasculares
Pinze vascolari

ATRAUMTK



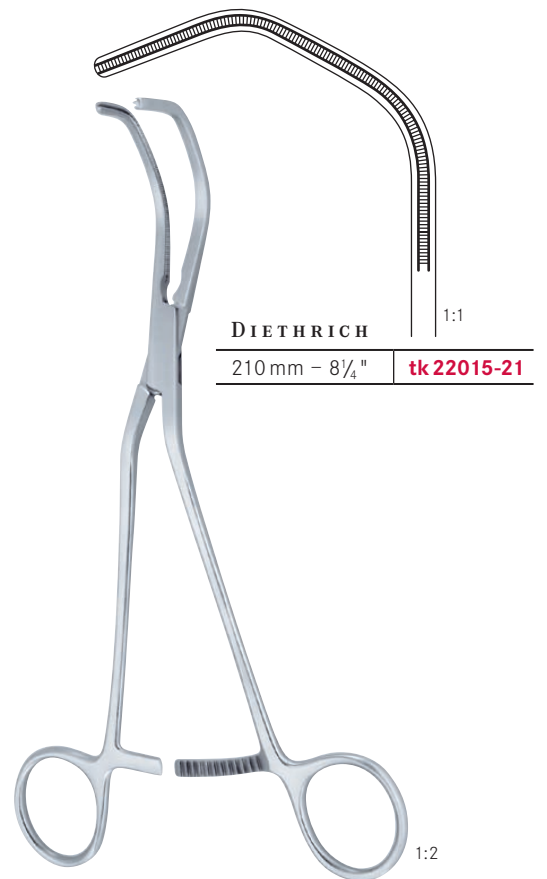
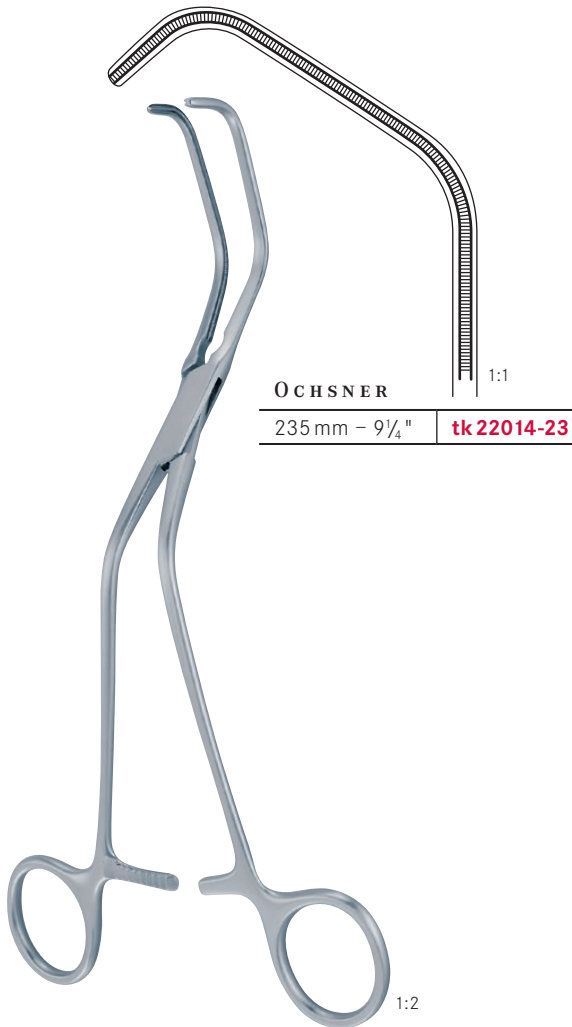
DARDIK				
	1:1	1:1	1:1	1:1
	0°	15°	30°	45°
170 mm – 6 3/4"	tk 22545-00	tk 22545-15	tk 22545-30	tk 22545-45

	1:1
	90°
160 mm – 6 1/4"	tk 22545-90

Gefäßklemmen
Vascular forceps

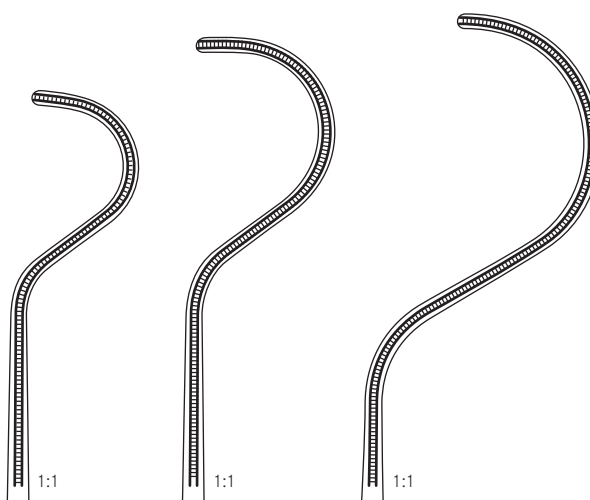
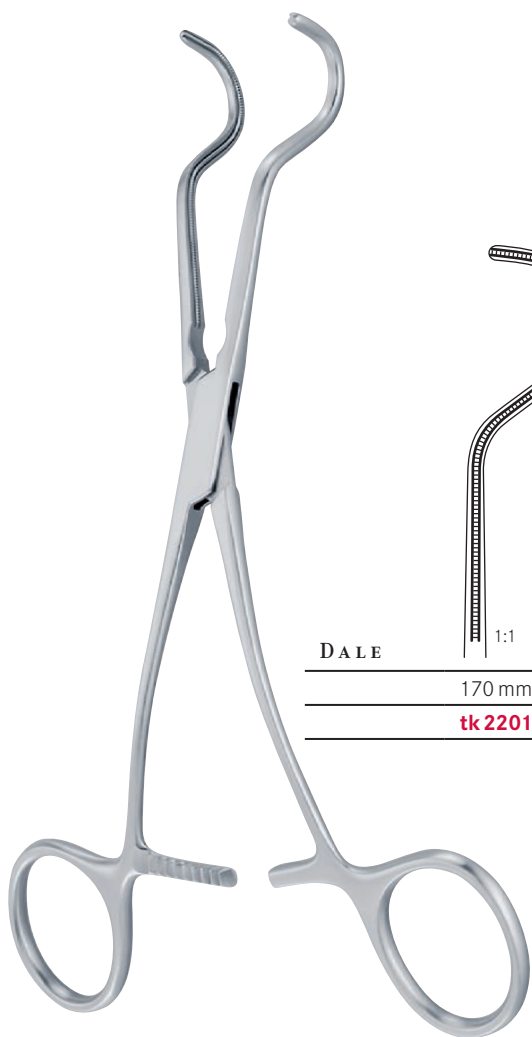
Pinces vasculaires
Pinzas vasculares
Pinze vascolari

ATRAUMTK

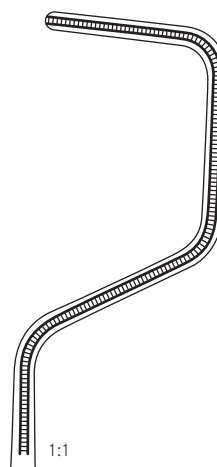


Gefäßklemmen
Vascular forceps

Pinces vasculaires
Pinzas vasculares
Pinze vascolari



DALE	170 mm - 6 ³ / ₄ "	175 mm - 7 "	185 mm - 7 ¹ / ₄ "
	tk 22017-17	tk 22017-18	tk 22017-19



185 mm - 7 ¹ / ₄ "
tk 22016-18

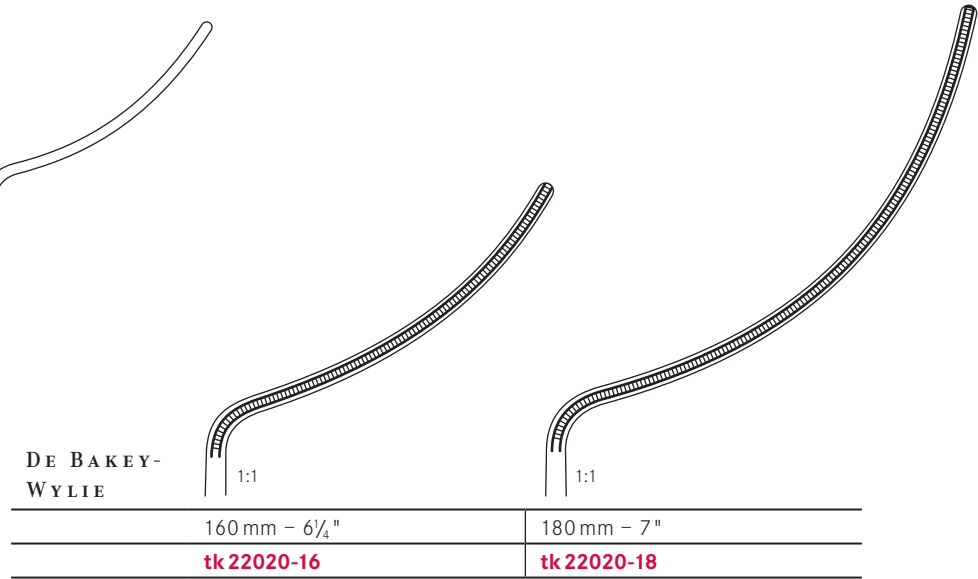
Gefäßklemmen
Vascular forceps

Pinces vasculaires
Pinzas vasculares
Pinze vascolari

ATRAUMTK

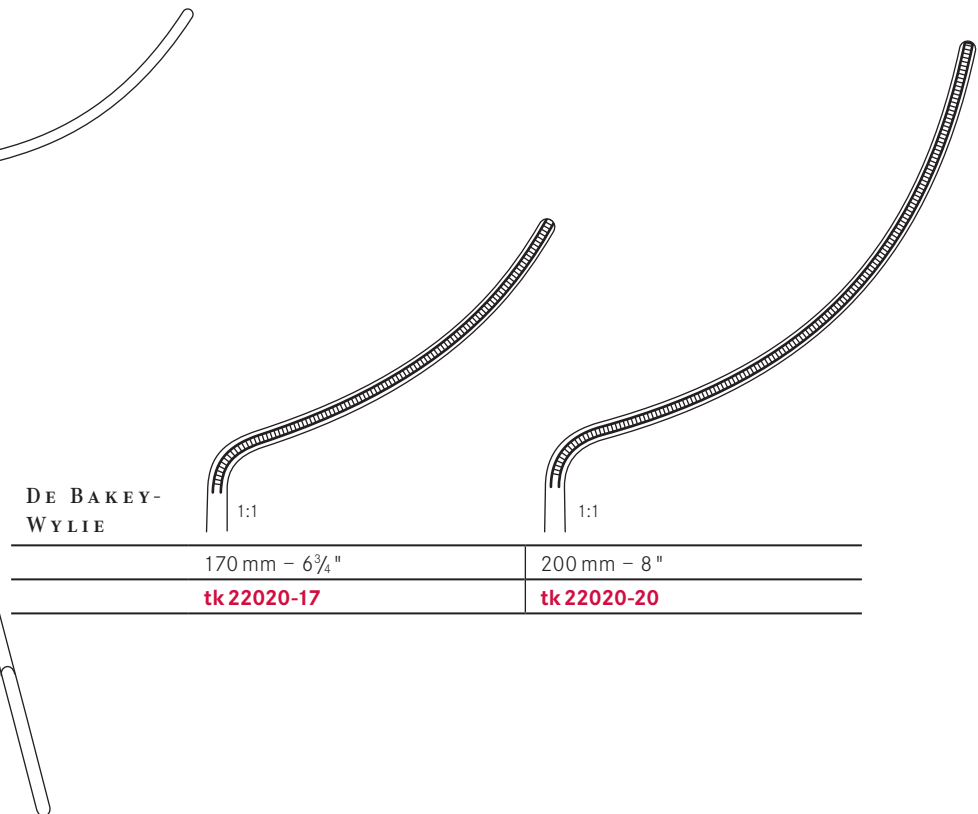


DE BAKEY-
WYLIE



160 mm – 6¼"	180 mm – 7"
tk 22020-16	tk 22020-18

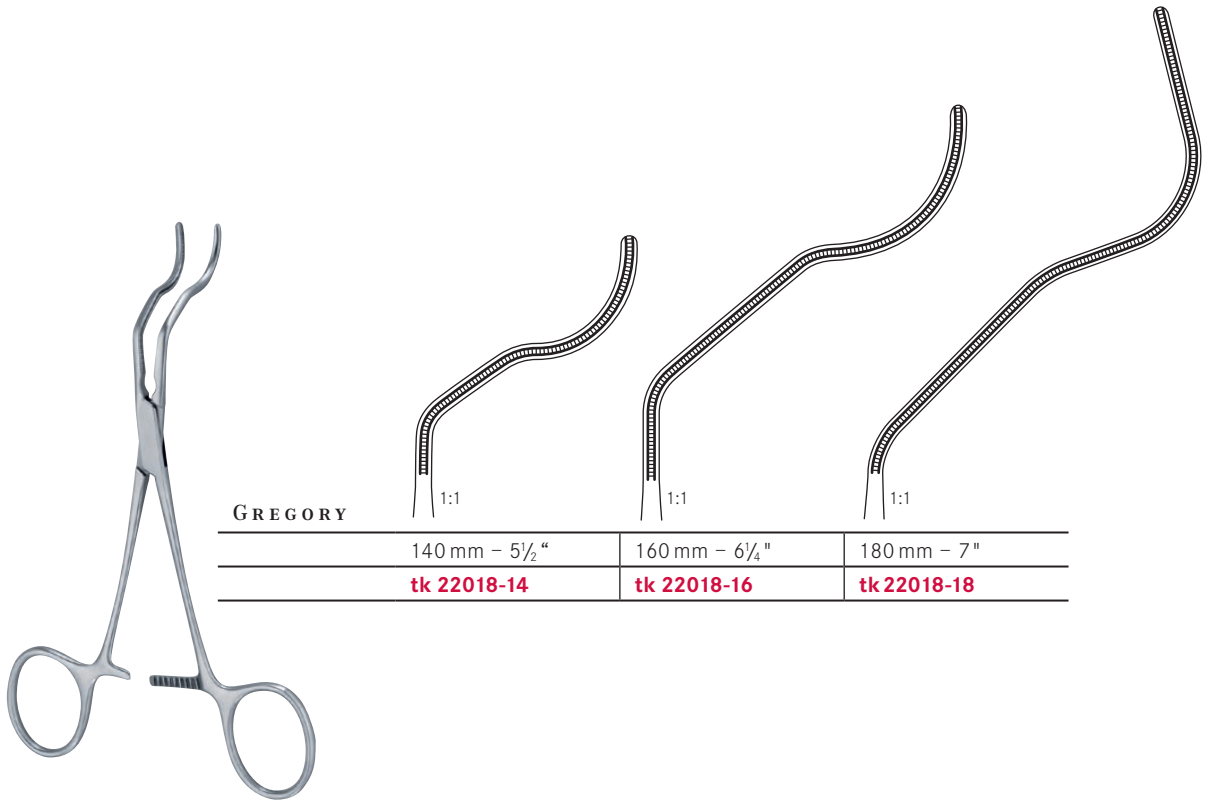
DE BAKEY-
WYLIE



170 mm – 6¾"	200 mm – 8"
tk 22020-17	tk 22020-20

Gefäßklemmen
Vascular forceps

Pinces vasculaires
Pinzas vasculares
Pinze vascolari

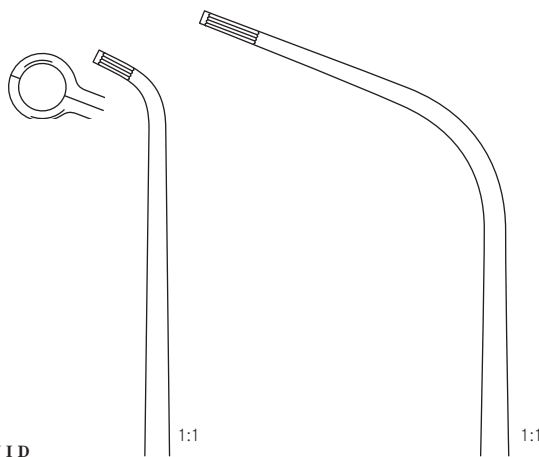


GREGORY

140 mm – 5½"	160 mm – 6¼"	180 mm – 7"
tk 22018-14	tk 22018-16	tk 22018-18



1:2



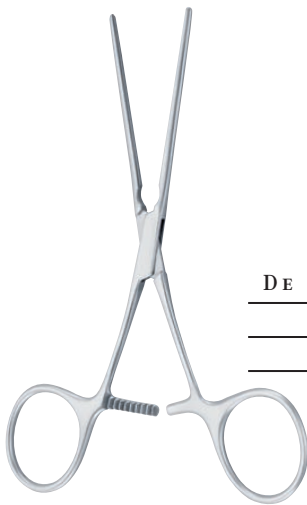
JAVID

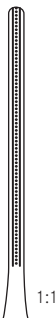



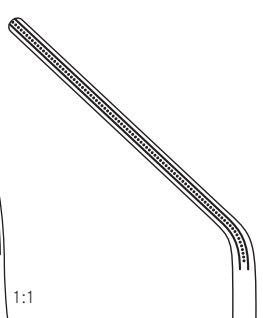
160 mm – 6¼"	190 mm – 7½"
tk 22019-16	tk 22019-19

Gefäßklemmen
Vascular forceps

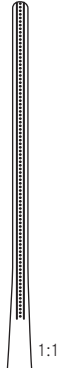
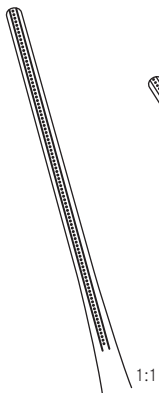
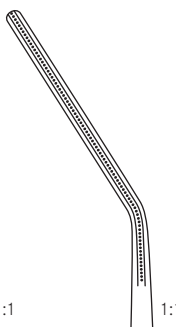
Pinces vasculaires
Pinzas vasculares
Pinze vascolari

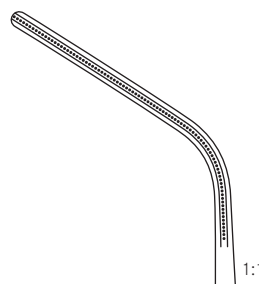
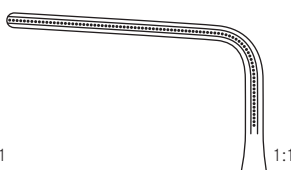
ATRAUMTK



DE BAKEY	 1:1	 1:1	 1:1	 1:1	 1:1
	120 mm – 4¾" "	110 mm – 4¼" "	100 mm – 4" "	120 mm – 4¾" "	130 mm – 5" "
	tk 22028-12	tk 22029-11	tk 22032-13	tk 22035-12	tk 22041-13



DE BAKEY	 1:1	 1:1	 1:1
	170 mm – 6¾" "	170 mm – 6¾" "	160 mm – 6¼" "
	tk 22037-01	tk 22043-17	tk 22039-16

 1:1	 1:1
150 mm – 6" "	140 mm – 5½" "
tk 22041-15	tk 22042-15

Gefäßklemmen
Vascular forceps

Pinces vasculaires
Pinzas vasculares
Pinze vascolari



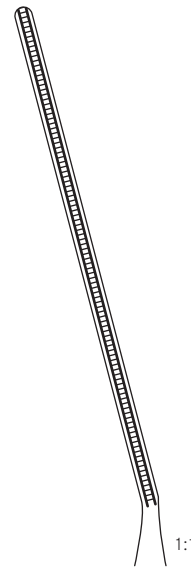
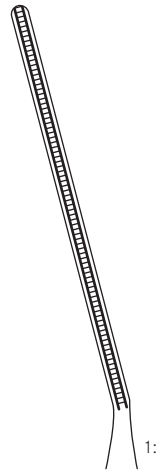
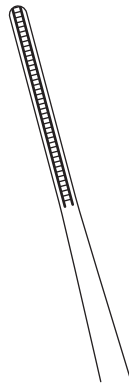
ATRAUMTK



GLOVER



205 mm – 8"	220 mm – 8¾"	260 mm – 10¼"
tk 22060-20	tk 22060-22	tk 22060-26



205 mm – 8"	220 mm – 8¾"	260 mm – 10¼"
tk 22061-20	tk 22061-22	tk 22061-26

abgewinkelt
angled on flat
coudé sur le plat
angulado
angolato

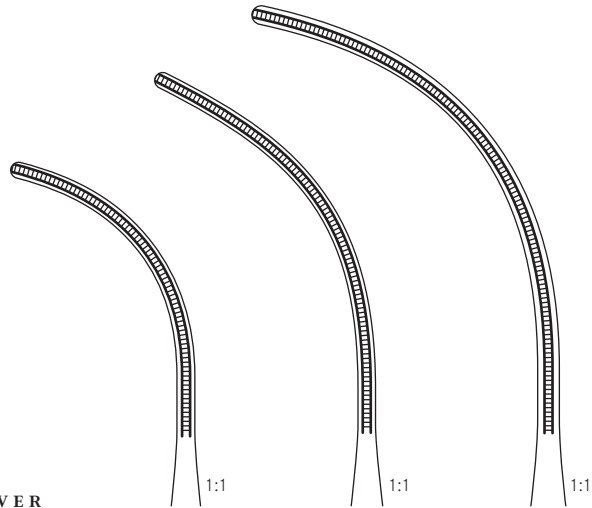
abgewinkelt
angled on flat
coudé sur le plat
angulado
angolato

abgewinkelt
angled on flat
coudé sur le plat
angulado
angolato

Gefäßklemmen
Vascular forceps

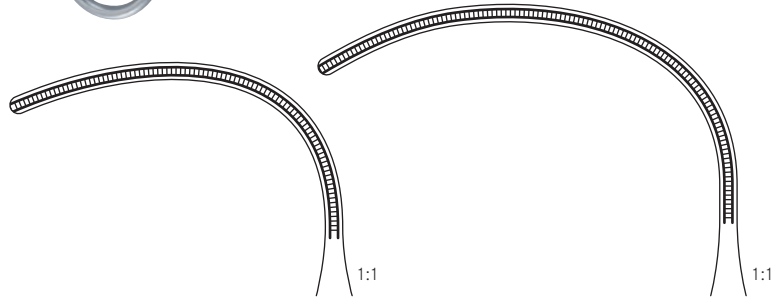
Pinces vasculaires
Pinzas vasculares
Pinze vascolari

ATRAUMTK



GLOVER

170 mm – 6 ³ / ₄ "	210 mm – 8 ¹ / ₄ "	240 mm – 9 ¹ / ₂ "
tk 22079-17	tk 22079-22	tk 22079-24

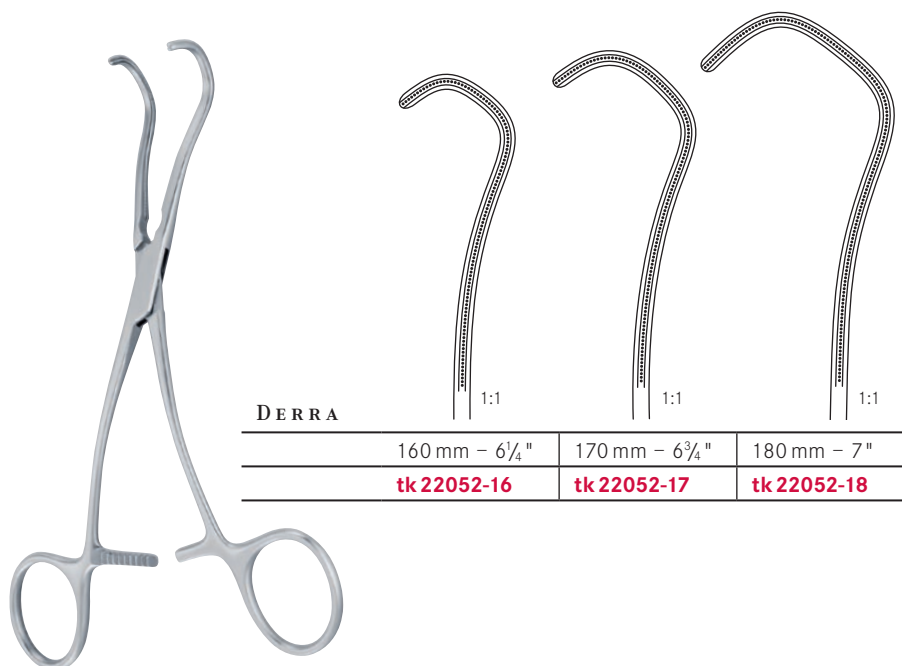


185 mm – 7 ¹ / ₄ "	220 mm – 8 ³ / ₄ "
tk 22078-18	tk 22078-22

Gefäßklemmen
Vascular forceps

Pinces vasculaires
Pinzas vasculares
Pinze vascolari

ATRAUMTK



DERRA	160 mm – 6 ¹ / ₄ "	170 mm – 6 ³ / ₄ "	180 mm – 7"
	tk 22052-16	tk 22052-17	tk 22052-18



BECK	170 mm – 6 ³ / ₄ "
	tk 22065-17

Neonatal- u. Kinderklemmen, extra feine Modelle
Neonatal and children's clamps, extra delicate patterns

Pinces pour nouveaux-nés et enfants, modèles très fins
Pinzas para recién nacidos y niños, modelos muy finos
Pinze per bambini e neonati, molto fine

ATRAUMTK



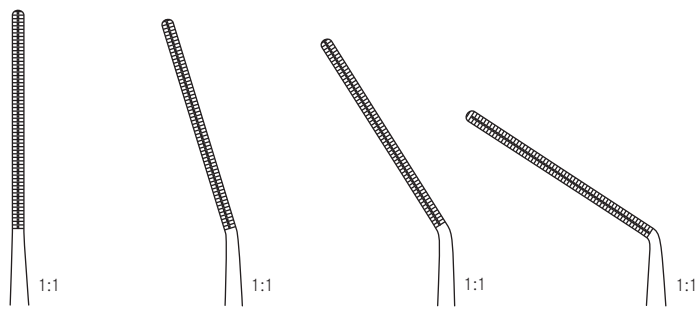





	Fig. 1	Fig. 2	Fig. 3	Fig. 4
115mm – 4½"	tk 22541-01	tk 22541-02	tk 22541-03	tk 22541-04

gebogen
curved
courbe
curva
curve

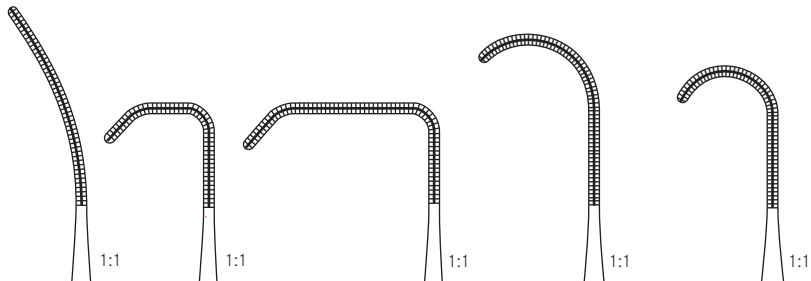


Fig. 5	Fig. 6	Fig. 7	Fig. 8	Fig. 9
tk 22541-05	tk 22541-06	tk 22541-07	tk 22541-08	tk 22541-09

Neonatal- u. Kinderklemmen, extra feine Modelle
Neonatal and children's clamps, extra delicate patterns

Pinces pour nouveaux-nés et enfants, modèles très fins
Pinzas para recién nacidos y niños, modelos muy finos
 Pinze per bambini e neonati, molto fine



	Fig. 1	Fig. 2	Fig. 3	Fig. 4
115 mm – 4½"	tk 22540-01	tk 22540-02	tk 22540-03	tk 22540-04

	Fig. 5	Fig. 6	Fig. 7	Fig. 8	Fig. 9
115 mm – 4½"	tk 22540-05	tk 22540-06	tk 22540-07	tk 22540-08	tk 22540-09

	Fig. 1	Fig. 2	Fig. 3	Fig. 4
115 mm – 4½"	tk 22542-01	tk 22542-02	tk 22542-03	tk 22542-04

abgewinkelt
angled on flat
 coudé sur le plat
anulado
 angolato

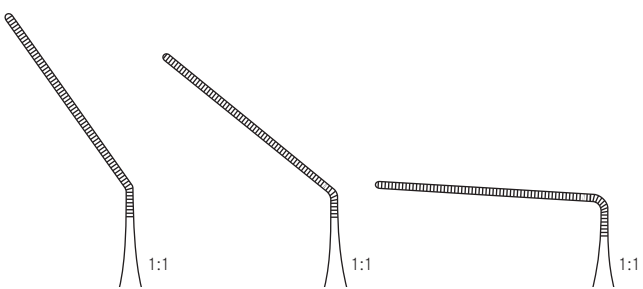
	Fig. 5	Fig. 6	Fig. 7	Fig. 8	Fig. 9
	tk 22542-05	tk 22542-06	tk 22542-07	tk 22542-08	tk 22542-09

Neonatal- u. Kinderklemmen, extra feine Modelle
Neonatal and children's clamps, extra delicate patterns

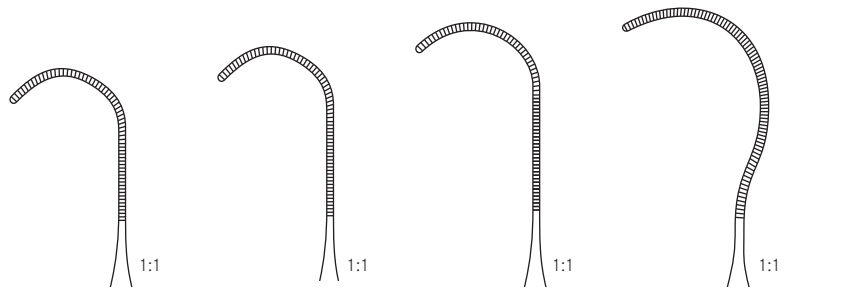
Pinces pour nouveaux-nés et enfants, modèles très fins
Pinzas para recién nacidos y niños, modelos muy finos
 Pinze per bambini e neonati, molto fine



CASTAÑEDA



110 mm – 4 1/4"			tk 22001-03
130 mm – 5"	tk 22001-01	tk 22001-02	

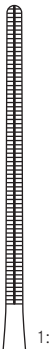
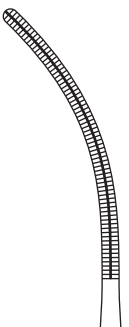
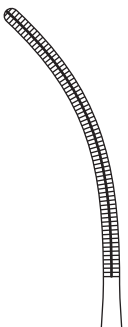


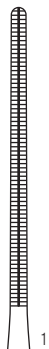
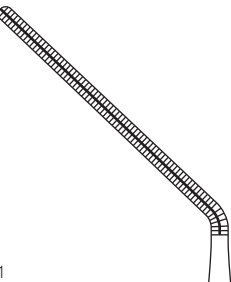
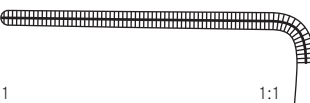
120 mm – 4 3/4"	tk 22001-04	tk 22001-05	tk 22001-06	
150 mm – 6"				tk 22001-07

Gefäßklemmen
Vascular forceps

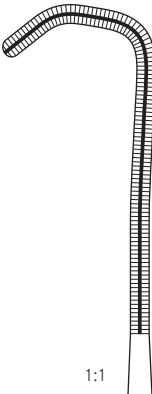
Pinces vasculaires
Pinzas vasculares
Pinze vascolari



COOLEY			
	1:1	1:1	1:1
120 mm – 4 3/4" "	tk 22562-01	tk 22562-02	tk 22562-03
gerade <i>straight</i>	gebogen <i>curved</i>	S-förmig gebogen <i>S-curved</i>	
droit <i>recta</i>	courbe <i>curva</i>	courbe en S <i>curva en S</i>	
retta	curva	curva a forma S	

COOLEY			
	1:1	1:1	1:1
120 mm – 4 3/4" "	tk 22562-04	tk 22562-05	tk 22562-06
seitlich gewinkelt <i>sidewards angled</i>	abgewinkelt <i>angled on flat</i>	90° abgewinkelt <i>90° angled on flat</i>	
coudé vers la coté <i>angulado al lado</i>	coudé sur le plat <i>angulado</i>	90° coudé sur le plat <i>90° angulado</i>	
angolata lateralmente	angolato	90° angolato	



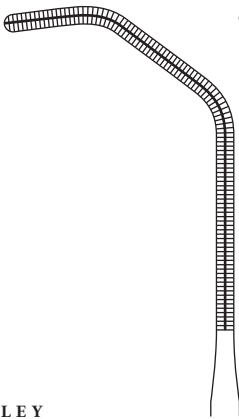
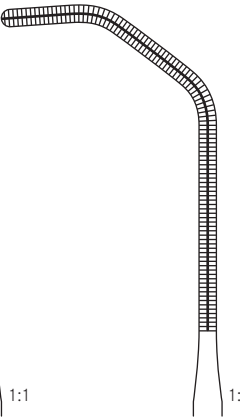
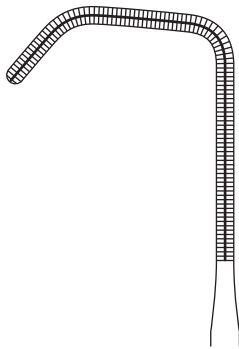
COOLEY	
	1:1
170 mm – 6 3/4" "	tk 22509-17
seitlich abgewinkelt <i>sidewards angled</i>	
coudé vers la coté <i>angulado al lado</i>	
angolata lateralmente	

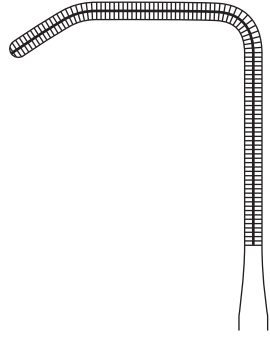
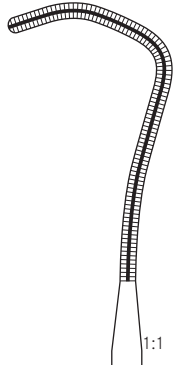
Gefäßklemmen
Vascular forceps

Pinces vasculaires
Pinzas vasculares
Pinze vascolari

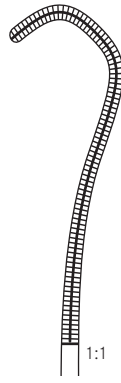
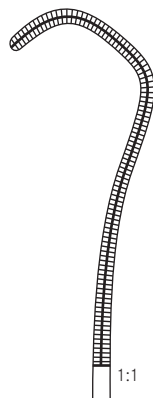
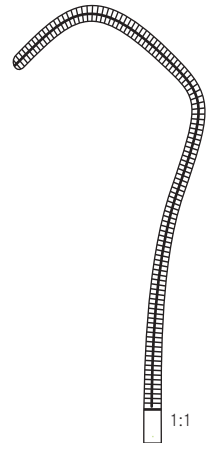
ATRAUMTK



COOLEY		
		
175 mm – 7"	175 mm – 7"	165 mm – 6½"
tk 22565-17	tk 27442-17	tk 22567-01

	
165 mm – 6½"	170 mm – 6¾"
tk 22567-02	tk 22508-16



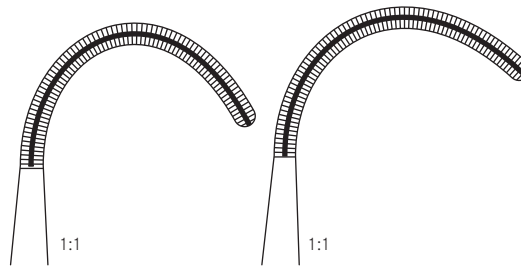
COOLEY-DERRA		
		
165 mm – 6½"	170 mm – 6¾"	175 mm – 7"
tk 22515-16	tk 22515-17	tk 22515-18

Gefäßklemmen
Vascular forceps

Pinces vasculaires
Pinzas vasculares
Pinze vascolari



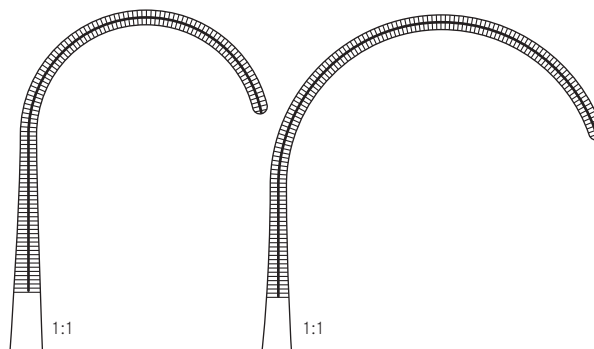
COOLEY-
BECK



150 mm – 6"	155 mm – 6"
tk 22555-15	tk 22555-16



COOLEY



150 mm – 6"	160 mm – 6¼"
tk 22522-16	tk 22522-17

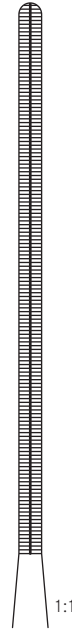
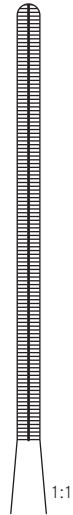
Gefäßklemmen
Vascular forceps

Pinces vasculaires
Pinzas vasculares
Pinze vascolari

ATRAUMTK



COOLEY



210 mm – 8¼"

250 mm – 9¾"

tk 22552-21

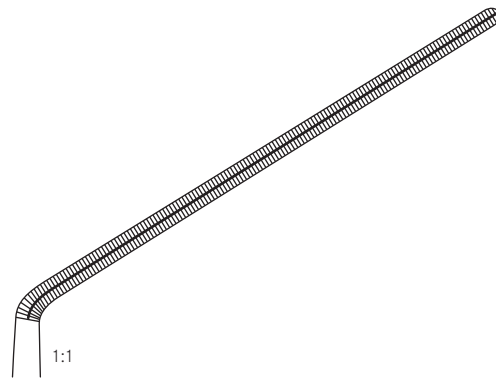
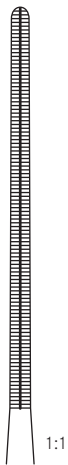
tk 22552-25

seitwärts abgewinkelt
sidewards angled on flat
coudé vers la coté
angulado al lado
angolata lateralmente

seitwärts abgewinkelt
sidewards angled on flat
coudé vers la coté
angulado al lado
angolata lateralmente



COOLEY



180 mm – 7"

185 mm – 7¼"

tk 22560-18

tk 22561-18

gerade
straight
droite
recta
retta

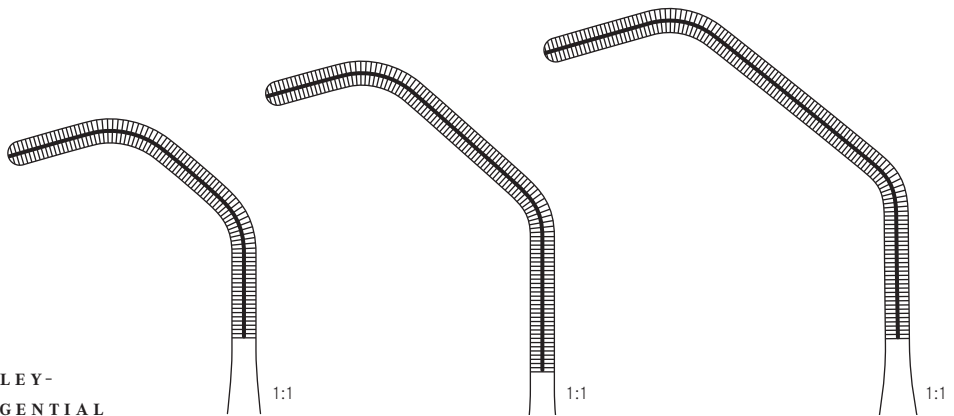
abgewinkelt
angled on flat
coudé sur le plat
angulado
angolata

Gefäßklemmen
Vascular forceps

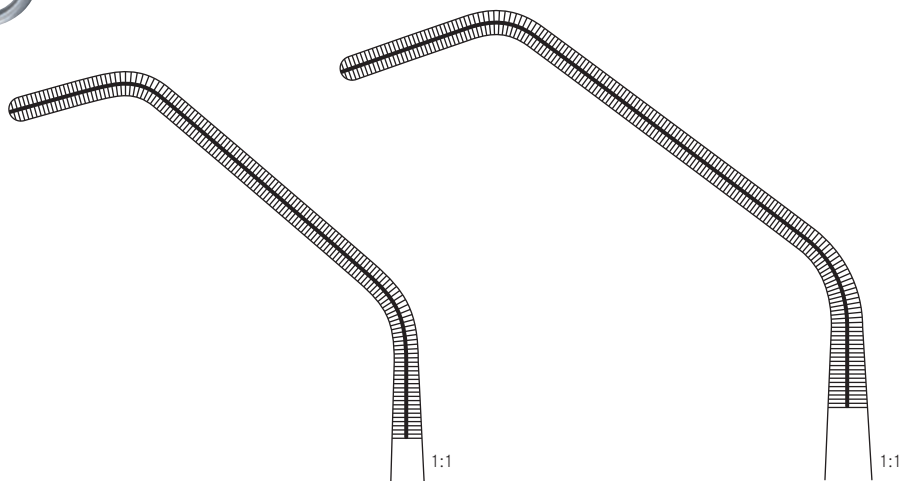
Pinces vasculaires
Pinzas vasculares
Pinze vascolari



COOLEY-
TANGENTIAL



195 mm – 7¾"	255 mm – 10"	260 mm – 10¼"
tk 22550-19	tk 22550-25	tk 22550-26



265 mm – 10½"	270 mm – 10¾"
tk 22550-27	tk 22550-28

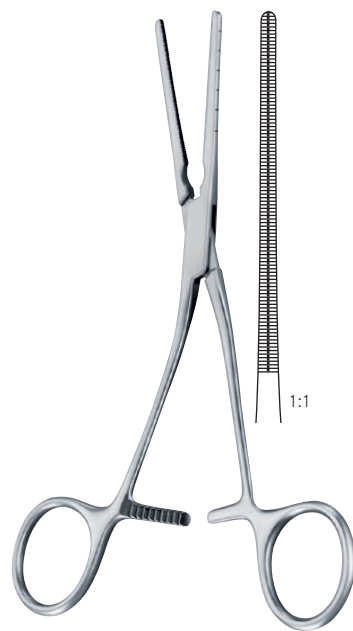
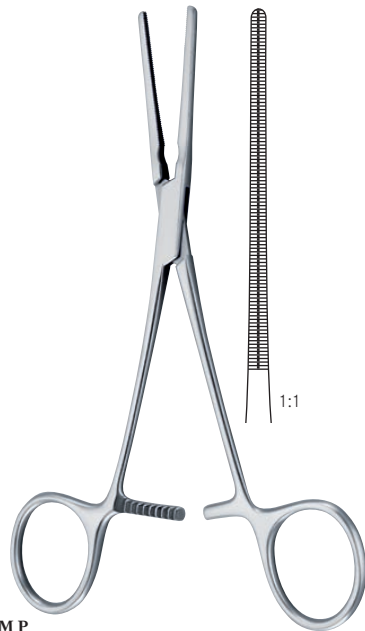
Mehrzweckklemmen, pädiatrisch, graduert
Multi-purpose clamps, pediatric, graduated

Pinces polyvalentes, pédiatriques, graduées
Pinzas de uso vario, pediátricas, graduadas
 Pinze multi uso, per bambini, graduati

ATRAUMTK



COOLEY			
165 mm – 6½"	160 mm – 6¼"	145 mm – 5¾"	
25°	45°	90°	
tk 22500-17	tk 22501-15	tk 22502-15	



COOLEY
 PATENT DUCTUS CLAMP

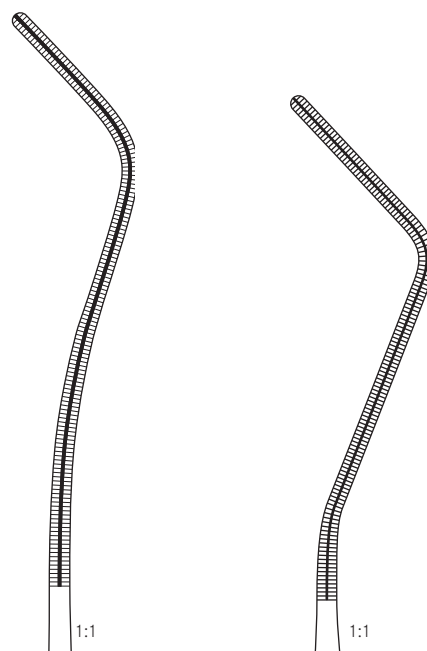
160 mm – 6¼"	tk 22520-01	tk 22607-16
170 mm – 6¾"	tk 22610-17	tk 22524-17
200 mm – 8"	tk 22610-20	
210 mm – 8¼"	tk 22507-21	
230 mm – 9"	tk 22610-23	tk 22607-23

abgewinkelt, graduert
angled on flat, graduated
 coudée sur le plat, graduée
angulada, graduada
 angolata, graduata

Mehrzweckklemmen, pädiatrisch, graduert
Multi-purpose clamps, pediatric, graduated

Pinces polyvalentes, pédiatriques, graduées
Pinzas de uso vario, pediátricas, graduadas
 Pinze multi uso, per bambini, graduati

ATRAUMTK



COOLEY

200 mm – 8"	195 mm – 7 ³ / ₄ "
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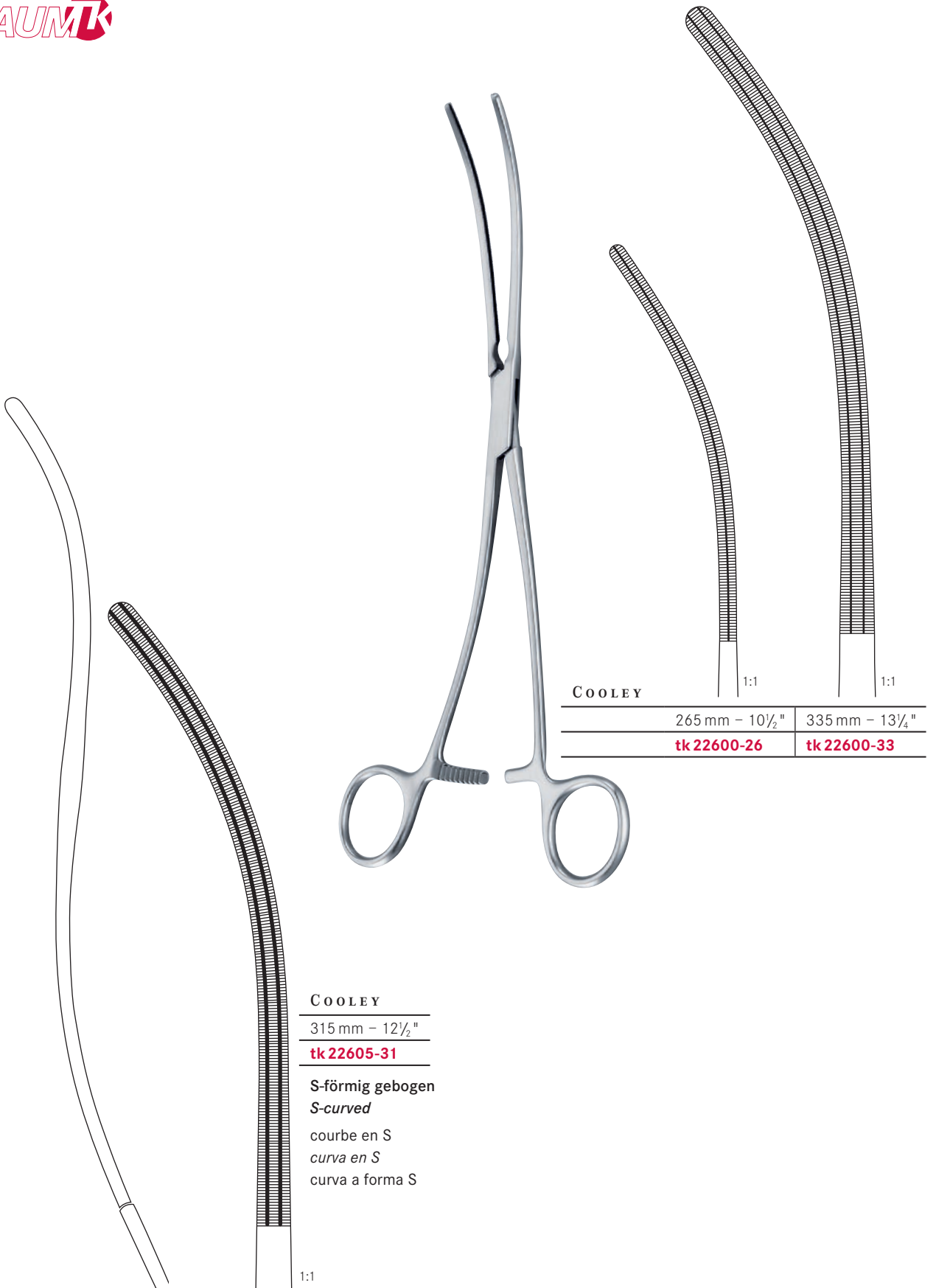
tk 22505-20

tk 22505-19

Mehrzweckklemmen
Multi-purpose clamps

Pinces clamps polyvalentes
Pinzas clamps para usos varios
Pinze multi uso


ATRAUMTK



S-förmig gebogen
S-curved
courbe en S
curva en S
curva a forma S

Gefäß-Dilatatoren
Vascular dilators


Dilatateurs vasculaires
Dilatadores vasculares
Dilatatori vascolari



DE BAKEY	0.5 mm Ø	1.0 mm Ø	1.5 mm Ø	2.0 mm Ø	2.5 mm Ø	3.0 mm Ø
190 mm – 7½"	tk 24840-05	tk 24840-10	tk 24840-15	tk 24840-20	tk 24840-25	tk 24840-30
350 mm – 13¾"	tk 24841-05	tk 24841-10	tk 24841-15	tk 24841-20	tk 24841-25	tk 24841-30

biegsam
malleable
malléable
maleable
flessibile

	3.5 mm Ø	4.0 mm Ø	4.5 mm Ø	5.0 mm Ø	7.0 mm Ø	9.0 mm Ø
190 mm – 7½"	tk 24840-35	tk 24840-40	tk 24840-45	tk 24840-50	tk 24840-70	tk 24840-90
350 mm – 13¾"	tk 24841-35	tk 24841-40	tk 24841-45	tk 24841-50	tk 24841-70	tk 24841-90



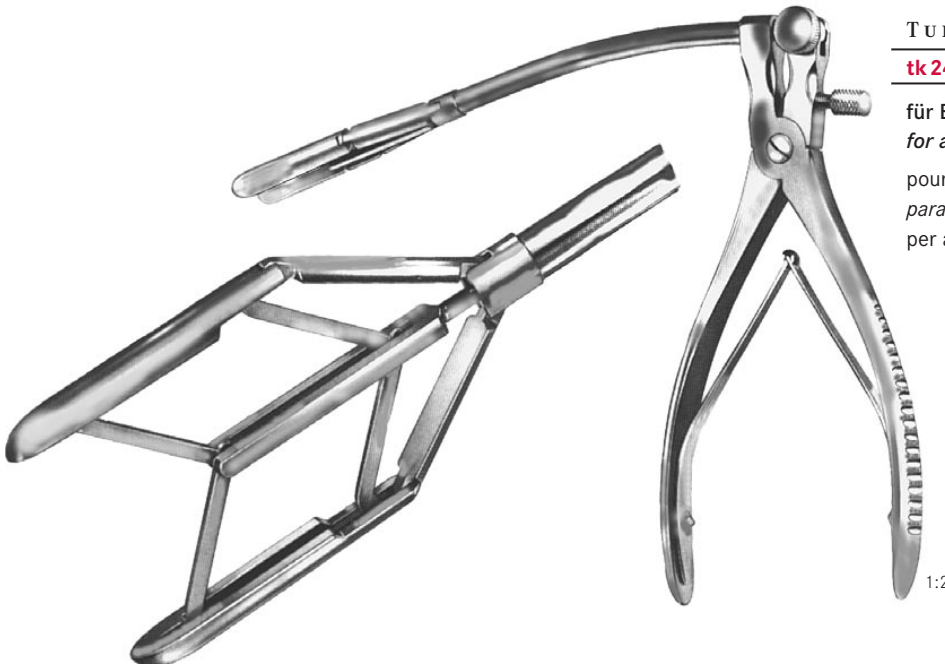
COOLEY	0.5 mm Ø	1.0 mm Ø	1.5 mm Ø	2.0 mm Ø
130 mm – 5"	tk 24844-05	tk 24844-10	tk 24844-15	tk 24844-20

biegsam
malleable
malléable
maleable
flessibile

	2.5 mm Ø	3.0 mm Ø	4.0 mm Ø	5.0 mm Ø
130 mm – 5"	tk 24844-25	tk 24844-30	tk 24844-40	tk 24844-50

Aorta-Dilatatoren
Aortic dilators

Dilatateurs aortiques
Dilatadores de aorta
Dilatori per aorta

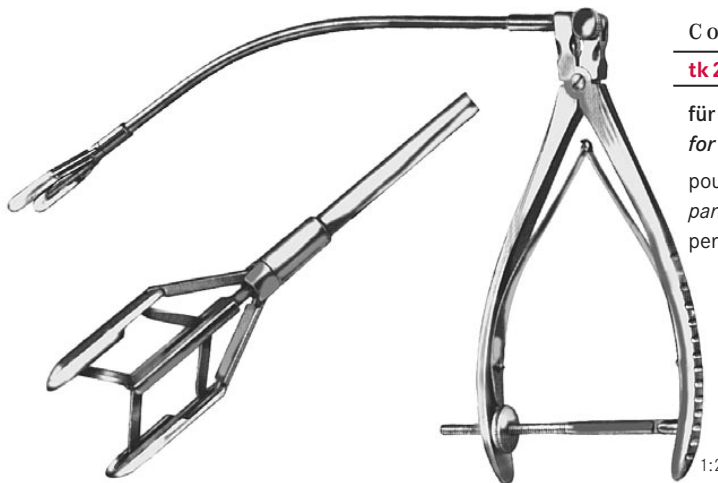


TUBBS

tk 24838-00

für Erwachsene, Spreizweite 8 mm – 42 mm
for adults, blade opening from 8 mm – 42 mm
pour adultes, écartement de 8 mm – 42 mm
para adultos, apertura de 8 mm – 42 mm
per adulti, apertura da 8 mm – 42 mm

1:2



COOLEY

tk 24839-00

für Kinder, Spreizweite 6 mm – 15 mm
for children, blade opening from 6 mm – 15 mm
pour enfants, écartement de 6 mm – 15 mm
para niños, apertura de 6 mm – 15 mm
per bambini, apertura da 6 mm – 15 mm

1:2



Verband | Pansements
Dressings | *Vendajes*
Bendaggi



Gipsinstrumente
Plaster instruments

Instruments pour plâtres
Instrumentos para vendajes enyesados
Strumenti per apparecchi gessati



ENGEL 1:2
140 mm – 5½" | **tk 23100-14**



BERGMANN 1:2
180 mm – 7" | **tk 23110-18**



HOPKINS 1:2
200 mm – 8" | **tk 23120-20**



ESMARCH 1:2
180 mm – 7" | **tk 23160-18**

Gipsinstrumente
Plaster instruments

Instruments pour plâtres
Instrumentos para vendajes enyesados
Strumenti per apparecchi gessati



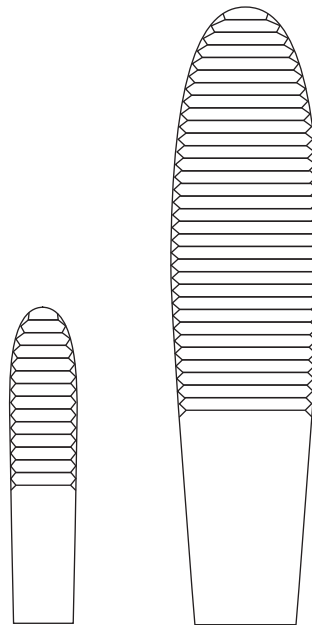
STILLÉ

230 mm – 9"	tk 23200-23
260 mm – 10 $\frac{1}{4}$ "	tk 23200-26
370 mm – 14 $\frac{1}{2}$ "	tk 23200-37



WOLF

180 mm – 7"	240 mm – 9 $\frac{1}{2}$ "
tk 23290-18	tk 23290-24



Gipsinstrumente
Plaster instruments

Instruments pour plâtres
Instrumentos para vendajes enyesados
Strumenti per apparecchi gessati



USA MODELL 1:2
230 mm – 9" tk 23275-23



BEESON 1:2
300 mm – 12" tk 23250-30



HENNIG 1:2
280 mm – 11" tk 23270-28

Elektro Gipssäge TEKNO Power
Electric plaster saw TEKNO Power

Scie électrique TEKNO Power
Sierra electrica TEKNO Power
 Sega elettrica da gesso TEKNO Power



230 V / 50 Hz	tk 24008-01
110 V / 60 Hz	tk 24009-01
Komplett mit: 1 Sägeblatt Ø 50 mm tk 24006-02 1 Sägeblatt Ø 65 mm tk 24006-03 2 Gabelschlüssel 5 m Netzkabel Gebrauchsanleitung	
Technische Daten: Leistungsaufnahme 500 W Überlastschutz Schutzisoliert Bild- und Tonfunkentstört Gewicht 1.25 Kg 6500 – 24000 Schwingungen p. Minute Stufenlos regelbar Sanfter Anlauf Nur 52 – 77 db(A) Vollautomatische Lastkompensation Motor doppelschutzisoliert (Klasse II) Med. Typ BF Robuste Konstruktion Hohe Belastbarkeit Vibrationsarm Wartungsfrei CE- konform Geprüft nach: EN 60601-1 / -1-2 , IEC 60601-1 / -1-2	
Complete with: 1 Sawblade Ø 50 mm tk 24006-02 1 Sawblade Ø 65 mm tk 24006-03 2 Wrenches 5m mains cable Instruction manual	
Technical data: Powerconsumption 500 W Overload protection Electric isolation Interference free Weight 1.25 kg 6500 – 24000 osc per minute Infinitely variable Soft start Only 52 – 77 db(A) Fully automatic power compensation Double isolated protection of the engine (class II) Medical class BF Rugged design High efficiency No vibration Maintenance free According to CE Tested according to: EN 60601-1 / -1-2 , IEC 60601-1 / -1-2	
1 Jahr Garantie auf Motor und Sägeteil (Bei sachgerechter Handhabung) 2 Jahre Gewährleistung	
1 year guarantee on engine and transmission part (in case of proper use) 2 years warranty	

Elektro Gipssäge TEKNO Power
Electric plaster saw TEKNO Power

Scie électrique TEKNO Power
Sierra eléctrica TEKNO Power
Sega elettrica da gesso TEKNO Power

230V / 50Hz	tk 24008-01		
110V / 60Hz	tk 24009-01		
<p>Complet avec: 1 Lame de Ø 50 mm tk 24006-02 1 Lame de Ø 65 mm tk 24006-03 2 Clés à fourche 1 Cable RED de 5 m Mode d'emploi</p>		<p>Completo con: 1 Hoja de Ø 50 mm tk 24006-02 1 Hoja de Ø 65 mm tk 24006-03 2 Llaves de tuercas 1 Cable RED de 5 m Manual de uso</p>	
<p>Dates techniques: Puissance absorbée 500 W Protection de surcharge Isolation de protection Déparasité Poids 1.25 Kg 6500 – 24000 oscillations par minute Réglage continu Démarrage léger 52 - 77 db(A) Compensation de puissance automatique Double isolation du moteur (classe II) Type BF med. Construction robuste Haute résistance mécanique Peu des vibrations Pas d'entretien nécessaire Conforme au CE Testé selon: EN 60601-1 / -1-2 , IEC 60601-1 / -1-2</p>		<p>Datos técnicos: Absorción de potencia 500 W Protección de sobrecarga Aislante eléctrico Libre de interferencias Peso 1.25 kg 6500 – 24000 oscilaciones por minuto Reglaje continuo Arranque suave Solamente 52 – 77 db(A) Compensación de potencia automática Doble aislante del motor (clase II) Tipo BF med. Construcción robusta Alta resistencia mecánica Libre de vibraciones No necesita mantenimiento Conforme a las normas de CE Testado según: EN 60601-1 / -1-2 , IEC 60601-1 / -1-2</p>	
<p>1 an garantie sur moteur e scie (en cas d'usage approprié) En général 2 ans de garantie</p>		<p>1 año de garantía sobre el motor la sierra (en caso de uso adecuado) En general, 2 años de garantía</p>	

230V / 50Hz	tk 24008-01		
110V / 60Hz	tk 24009-01		
<p>Completa di: 1 Lama Ø 50 mm tk 24006-02 1 Lama Ø 65 mm tk 24006-03 2 Chiavi di montaggio 1 Cavo di alimentazione 5 metri 1 Manuale di istruzioni</p>		<p>Potenza variabile senza soluzione di continuità Partenza dolce Solamente 52 – 77db(A) Compensazione automatica di potenza Doppio isolamento del motore (classe II) Classe medicale BF Costruzione solida e resistente Altamente efficace Assenza di vibrazioni Non necessita manutenzione In accordo al marchio CE Collaudato secondo: EN 60601-1 / -1-2, IEC 60601-1 / -1-2</p>	
<p>Dati tecnici: Assorbimento 500W Protezione di sovraccarico Isolata elettricamente Isolata per le interferenze Peso 1.25kg 6500 – 24000 oscillazioni/min.</p>		<p>1 anno di garanzia sul motore e trasmissione (solo in caso di corretto utilizzo) 2 anni di garanzia</p>	

Gipsstaub-Absauganlage
Vacuum engine for plaster saws
Aspirateur pour la poussière de plâtre
Sistema de aspiración para el polvo de yeso
Aspiratore per sega da gesso


230V / 50Hz	tk 24006-06		
110V / 60Hz	tk 24007-06		
Technische Daten: Saugmotor Dauerleistung 1100W (max 1450W) Maximale Gesamtleistung 1600W Stufenlose Regelung 500W - 1100W Maximale Saugleistung (Motor) 2100mm H ₂ O Effektive Saugleistung 1900mm H ₂ O Maximale Durchflussleistung (Motor) 62lt. /sek. mit allen Filtern: 40lt. /sek. Geräuschentwicklung 63 - 69 db (A) HEPA Filter 99.97% (0.3 mikron)		Technical data: <i>Vacuum motor working power 1100W (max 1450W)</i> <i>Maximum total power 1600W</i> <i>Inifetely setting 500W - 1100W</i> <i>Maximum vacuum capacity (motor) 2100mm H₂O</i> <i>Actual vaccum capacity 1900mm H₂O</i> <i>Maximum airflow (motor) 62lt. /sek.</i> <i>with all filtern: 40lt. /sek.</i> <i>Noise level 63 - 69 db (A)</i> <i>HEPA filter 99.97% (0.3 mikron)</i>	
Einschaltautomatik mit Gipssäge Nachlaufzeit ca. 6 Sek. Antistatische Ausführung		<i>Simultaneous start of saw and engine</i> <i>Automatic stop 6 sec. after the saw</i> <i>Antistatic system</i>	
230V / 50Hz	tk 24008-02		
110V / 60Hz	tk 24009-02		
Komplett Set TEKNO Power Gipssäge & Gipsstaub-Absauganlage		Complete Set <i>TEKNO Power plaster saw & vacuum engine</i>	

Gipsstaub-Absauganlage
Vacuum engine for plaster saws

Aspirateur pour la poussière de plâtre
Sistema de aspiración para el polvo de yeso
Aspiratore per sega da gesso

230 V / 50 Hz	tk 24006-06	
110 V / 60 Hz	tk 24007-06	
	<p>Dates techniques: Moteur d'aspiration, Puissance permanente 1100 W (max 1450 W) Puissance maximale totale 1600 W Reglage continu de 500 W - 1100 W Capacité d'aspiration (moteur) 2100 mm H₂O Capacité d'aspiration effective 1900 mm H₂O Débit maximale (moteur) 62 L /sec avec tous les filtres: 40 L /sec 63 - 69 db (A) Filter HEPA 99.97% (0.3 micron)</p>	<p>Datos técnicos: <i>Motor de aspiración con un rendimiento Permanente de 1100 W (max 1450 W) Rendimiento máximo total 1600 W Reglaje continuo de 500 W a 1100 W Capacidad de aspiración (motor) 2100 mm H₂O Capacidad de aspiración efectiva 1900 mm H₂O Caudal máximo (motor) 62 L /sec con todos los filtros: 40 L /sec Noise level 63 - 69 db (A) Filtros HEPA 99.97% (0.3 micron)</i></p>
	<p>Démarrage automatique avec la scie oscillante Arrêt automatique 6 sec après la scie Boîtier antistatique</p>	<p><i>Arranque automatico junto con la sierra Apagado automatico 6 sec despues la sierra Caja antistatica</i></p>

230 V / 50 Hz	tk 24008-02	
110 V / 60 Hz	tk 24009-02	
	<p>Jeu complet Scie électrique TEKNO Power avec aspirateur</p>	<p><i>Juego completo Sierra electrica TEKNO Power junto con el sistema de aspiración</i></p>

230 V / 50 Hz	tk 24006-06	
110 V / 60 Hz	tk 24007-06	
	<p>Dati tecnici: Motore aspiratore potenza 1100 W (max 1450 W) Assorbimento massimo 1600 W Potenza variabile da 500 W a 1100 W Capacità di aspirazione massima (motore) 2100 mm H₂O Capacità effettiva 1900 mm H₂O Portata massima (motore) 62 lt /sec Portata con tutti filtri: 40 lt /sec Livello rumore 63 - 69 db Filtro HEPA 99.97% (0.3 micron)</p>	
	<p>Automatismo di accensione insieme alla sega Spegnimento programmato dopo l'utilizzo della sega circa 6 sec. Sistema antistatico</p>	

230 V / 50 Hz	tk 24008-02	
110 V / 60 Hz	tk 24009-02	
	<p>Set completo TEKNO Power sega da gesso + aspiratore</p>	



Knochenchirurgie
Bone surgery

Chirurgie osseuse
Cirurgía ósea
Chirurgia ossea



Amputations- und Resektionssägen
Amputating and resection saws

Scies à amputation et résection
Sierra para amputación y resección
Seghe per amputazione



CHARRIÈRE

350 mm – 13³/₄"

tk 24001-35



12 mm

tk 24001-12

15 mm

tk 24001-15

Ersatzsägeblätter
Spare saw blades

Lames de rechange
Hojas de cambio
Lame di ricambio



HELFERICH-BIER

390 mm – 15¹/₂"

tk 24002-39



3 mm

tk 24002-03

5 mm

tk 24002-05

7 mm

tk 24002-07

Ersatzsägeblätter
Spare saw blades

Lames de rechange
Hojas de cambio
Lame di ricambio

Amputations- und Resektionssägen
Amputating and resection saws

Scies à amputation et résection
Sierra para amputación y resección
Seghe per amputazione



1:2

SATTERLEE

310 mm – 12¼" **tk 24003-31**



1:2

LANGENBECK

230 mm – 9" **tk 24004-23**



CHARRIÈRE

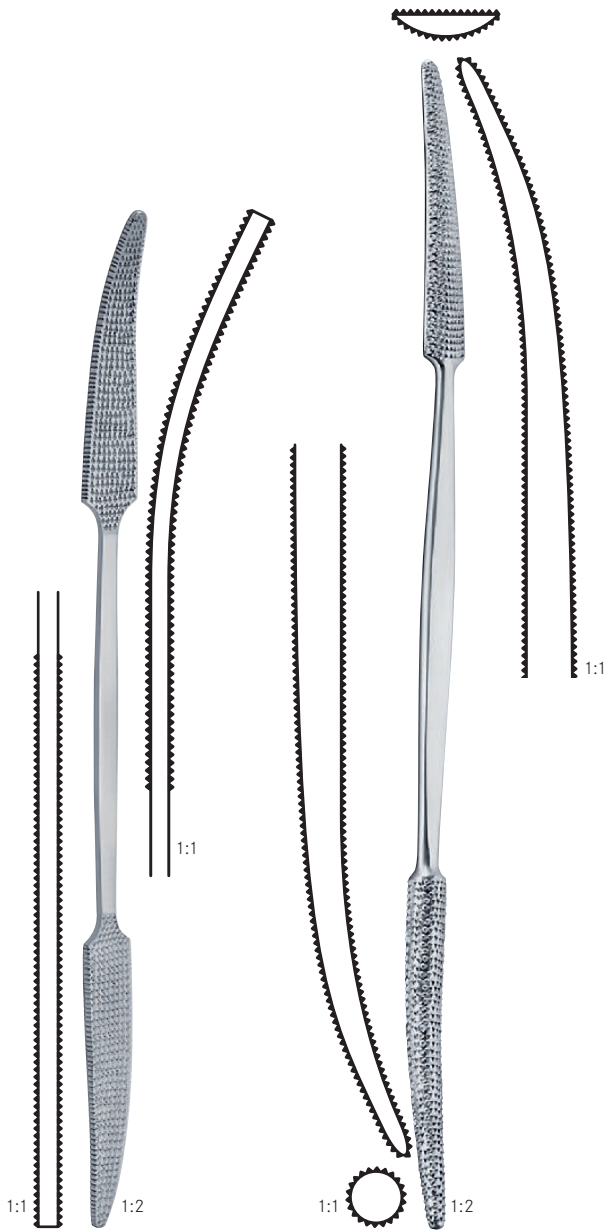
270 mm – 10¾" **tk 24005-27**

300 mm – 12" **tk 24005-30**

340 mm – 13½" **tk 24005-34**

Raspeln, Feilen
Rasps, files

Râpes, limes
Escofinas, limas
Raspe, lime



PUTTI

270 mm – 10 ³ / ₄ "	tk 24011-27	
300 mm – 12"		tk 24010-30



280 mm – 11"	tk 24014-28
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245 mm – 9 ³ / ₄ "	tk 24015-24
x = 13 mm	

220 mm – 8 ³ / ₄ "	tk 24016-22
x = 20 mm	

halbrund
semicircular
semi-ronde
semi-redonda
semi-rotonda

halbrund
semicircular
semi-ronde
semi-redonda
semi-rotonda

flach
flat
plate
plana
piatta

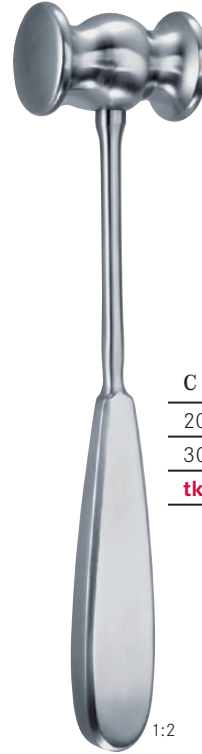
Hämmer
Mallets

Maillets
Martillos
Martelli



DOYEN

	195 mm – 7¾"
25 mm Ø – 120 g	tk 24025-21
30 mm Ø – 180 g	tk 24030-21
35 mm Ø – 260 g	tk 24035-21



COLLIN

	200 mm – 8"
30 mm Ø – 220 g	tk 24051-20

1:2



HAJEK

	215 mm – 8½"
27 mm Ø – 140 g	tk 24047-21

1:2



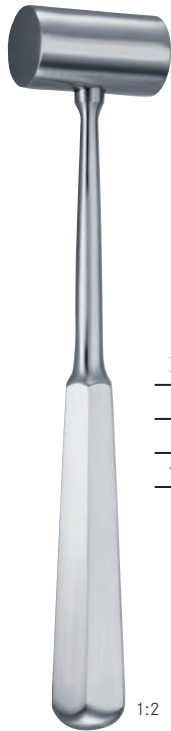
KIRK

	190 mm – 7½"
38 mm Ø – 750 g	tk 24040-19

1:2

Hämmer
Mallets

Maillets
Martillos
Martelli



PARTSCH

180 mm - 7"

22 mm Ø - 200 g

tk 24053-18

1:2



LUCAE

190 mm - 7½"

19 mm Ø - 230 g **tk 24057-01**

25 mm Ø - 260 g **tk 24057-02**

1:2

Hämmer | Maillets
Mallets | Martillos
Martelli



1:2
BERGMANN
245 mm – 9¾"
45 mm Ø – 300 g
tk 24043-24



1:2
OMBREDANNE
240 cm – 9½"
40 mm Ø – 550 g
tk 24041-24



HEATH

40 mm Ø – 700 g	180 mm – 7"	tk 24044-18
45 mm Ø – 1000 g	200 mm – 8"	tk 24044-20

Kupferfüllung
Copper filled head
Rempli de cuivre
Llenado de cobre
Riempito di rame

Hämmer | Maillets
Mallets | Martillos
Martelli



1:2

190 mm – 7½"

250 mm Ø – 205 g

tk 24056-19

Massiver Stahl, mit Kunststoffbacken
Solid steel, with plastic faces

Acier solid, avec plaques en plastique
Acero solido, con placas en plastica
Acciaio massiccio, con punte di plastica

tk 24056-90

Ersatzbacken, 1 Paar
Spare faces, 1 pair

Plaques de rechange, 1 paire
Placas de cambio, 1 par
Punte di ricambio, 1 paio



1:2

COTTLE

185 mm – 7¼"

30 mm Ø – 240 g

tk 50581-19

1 Seite flach / 1 Seite convex
1 side flat / 1 side convex

1 coté plat / 1 coté convex
1 lado plano / 1 lado convexo
1 lato piatto / 1 lato convesso



WILLIGER

240 mm – 9½"

28 mm Ø – 340 g

tk 24042-28

30 mm Ø – 400 g

tk 24042-30

bleigefüllt
lead filled

rempli de plomb
llenado con plomo
riempito di piombo

Hämmer
Mallets

Maillets
Martillos
Martelli



1:2

WILLIGER

165 mm – 6½"

20 mm Ø – 140 g

tk 24055-16



1:2

MEAD

170 mm – 6¾"

26 mm Ø – 320 g

tk 24050-17

Stahl massiv, mit Kunststoffbacken
Steel solid, with plastic faces

Acier solid, avec plaques en plastique
Acero solido, con placas en plastica
Acciaio massiccio, con punte di plastica

tk 24050-90

Ersatzbacken, 1 Paar
Spare faces, 1 pair

Plaques de rechange, 1 paire
Placas de cambio, 1 par
Punte di ricambio, 1 paio

Hämmer
Mallets

Maillets
Martillos
Martelli



1:2

225 mm – 8³/₄"

37 mm Ø – 370 g

tk 24052-22

Kopf massiver Stahl, mit Ferrozellbacken
Head solid steel, with Ferrozell faces

Tête acier solid, avec plaques en Ferrozell
Cabeza acero solido, con placas en Ferrozell
Testa acciaio massiccio, con punte di Ferrozell

tk 24052-90

Ersatzbacken, 1 Paar
Spare faces, 1 pair

Plaques de rechange, 1 paire
Placas de cambio, 1 par
Punte di ricambio, 1 paio



1:2

240 mm – 9¹/₂"

30 mm Ø – 480 g

tk 24059-24

Kopf massiver Stahl, mit Ferrozellstiel
Head solid steel, Ferrozell handle

Tête acier solid, manche en matière Ferrozell
Cabeza acero solido, con mango en Ferrozell
Testa acciaio massiccio, con manico di Ferrozell

Hämmer | Maillets
Mallets | Martillos
Martelli



1:2

	42 mm Ø – 250 g	42 mm Ø – 400 g
260 mm – 10¼"	tk 24045-26	tk 24046-26

Ferrozell, ohne Blei	Kunststoff, bleigefüllt
<i>Ferrozell, without lead</i>	<i>Plastic, lead filled</i>
Ferrozell, sans plomb	Matière plastique, rempli de plomb
<i>Ferrozell, sin plomo</i>	<i>Plastico, llenado con plomo</i>
Ferrozell, senza piombo	Plastica, riempito di piombo



1:2

	30 mm Ø – 450 g	50 mm Ø – 900 g
265 mm – 10½"	tk 24054-01	tk 24054-02

Knochenmeißel
Bone chisels and gouges

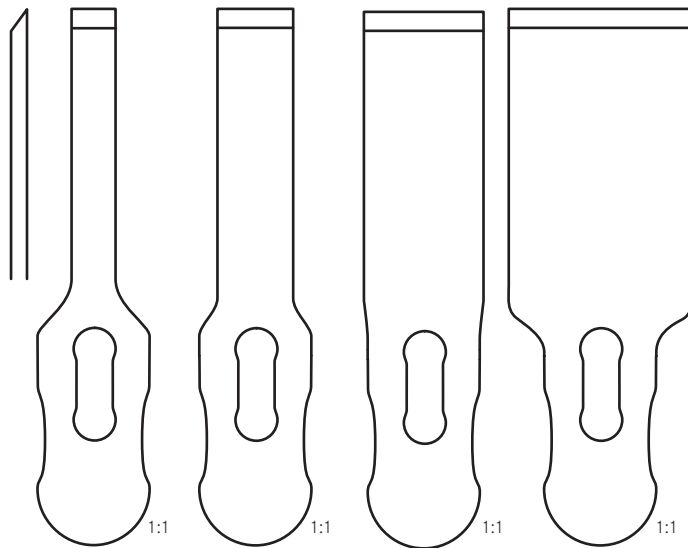
Ciseaux-burins, gouges
Cinceles, gubias
Scalpelli, sgorbi



1:2

185 mm – 7¼"

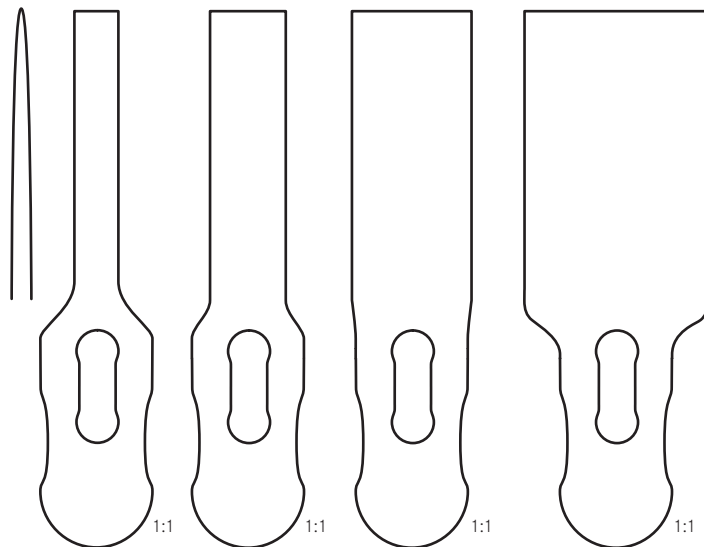
tk 24084-00



	5 mm	10 mm	16 mm	25 mm
85 mm – 3¼"	tk 24084-05	tk 24084-10	tk 24084-16	tk 24084-25

Meißelklingen, auswechselbar
Chisel blades, interchangeable

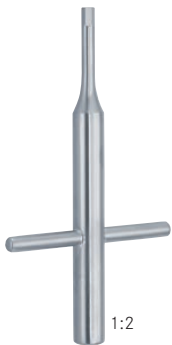
Lames ciseaux-burin, interchangeables
Hojas de cincel, intercambiables
Lame, intercambiabili



	5 mm	10 mm	16 mm	25 mm
85 mm – 3¼"	tk 24085-05	tk 24085-10	tk 24085-16	tk 24085-25

Osteotomklingen, auswechselbar
Osteotome blades, interchangeable

Lames d'osteotomos interchangeable
Hojas de osteótomo, intercambiables
Lame per osteotomia, intercambiabili



1:2

90 mm – 3½"

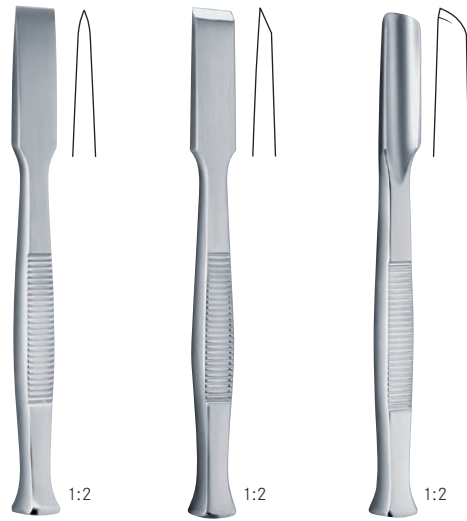
tk 24084-01

Spannschlüssel
Key

Clé
Llave
Chiave

Knochenmeißel
Bone chisels and gouges

Ciseaux-burins, gouges
Cinceles, gubias
Scalpelli, sgorbi



	135 mm – 5¼"	135 mm – 5¼"	135 mm – 5¼"
8 mm	tk 24060-08	tk 24062-08	tk 24064-08
10 mm	tk 24060-10	tk 24062-10	tk 24064-10
12 mm	tk 24060-12	tk 24062-12	tk 24064-12
14 mm	tk 24060-14	tk 24062-14	tk 24064-14
16 mm	tk 24060-16	tk 24062-16	tk 24064-16



LUCAS

	160 mm – 6¼"	160 mm – 6¼"
3 mm		tk 24228-03
4 mm	tk 24227-04	tk 24228-04
5 mm		tk 24228-05
6 mm	tk 24227-06	tk 24228-06

Flachmeißel <i>Chisel</i>	Hohlmeißel <i>Gouge</i>
Ciseau burin	Gouge
Cinzel	Gubia
Scalpello	Sgorbi



ALEXANDER

	180 mm – 7"	180 mm – 7"
4 mm	tk 24090-04	tk 24091-04
6 mm	tk 24090-06	tk 24091-06
8 mm	tk 24090-08	tk 24091-08
10 mm	tk 24090-10	tk 24091-10
12 mm	tk 24090-12	tk 24091-12
14 mm	tk 24090-14	tk 24091-14

Knochenmeißel
Bone chisels and gouges

Ciseaux-burins, gouges
Cinceles, gubias
Scalpelli, sgorbi



PARTSCH

	115 mm – 4½" "	135 mm – 5¼" "	170 mm – 6¾" "
2 mm	tk 24111-02	tk 24113-02	tk 24117-02
3 mm	tk 24111-03	tk 24113-03	tk 24117-03
4 mm	tk 24111-04	tk 24113-04	tk 24117-04
5 mm	tk 24111-05	tk 24113-05	tk 24117-05
6 mm	tk 24111-06	tk 24113-06	tk 24117-06
7 mm	tk 24111-07	tk 24113-07	tk 24117-07
8 mm	tk 24111-08	tk 24113-08	tk 24117-08



	115 mm – 4½" "	135 mm – 5¼" "	170 mm – 6¾" "
	tk 24211-02	tk 24213-02	tk 24217-02
	tk 24211-03	tk 24213-03	tk 24217-03
	tk 24211-04	tk 24213-04	tk 24217-04
	tk 24211-05	tk 24213-05	tk 24217-05
	tk 24211-06	tk 24213-06	tk 24217-06
	tk 24211-07	tk 24213-07	tk 24217-07
	tk 24211-08	tk 24213-08	tk 24217-08

Knochenmeißel
Bone chisels and gouges

Ciseaux-burins, gouges
Cinceles, gubias
Scalpelli, sgorbi



LAMBOTTE

	250 mm – 9¾"	250 mm – 9¾"
6 mm	tk 24092-06	tk 24093-06
8 mm	tk 24092-08	tk 24093-08
10 mm	tk 24092-10	tk 24093-10
13 mm	tk 24092-13	tk 24093-13
15 mm	tk 24092-15	tk 24093-15
20 mm	tk 24092-20	tk 24093-20
25 mm	tk 24092-25	tk 24093-25
30 mm	tk 24092-30	tk 24093-30
38 mm	tk 24092-38	tk 24093-38
44 mm	tk 24092-44	tk 24093-44
50 mm	tk 24092-50	tk 24093-50



MINI-LAMBOTTE

	125 mm – 5"	170 mm – 6¾"
3 mm	tk 24094-03	tk 24095-03
4 mm	tk 24094-04	tk 24095-04
6 mm	tk 24094-06	tk 24095-06
8 mm	tk 24094-08	tk 24095-08
10 mm	tk 24094-10	tk 24095-10
12 mm	tk 24094-12	tk 24095-12
15 mm	tk 24094-15	tk 24095-15

Knochenmeißel
Bone chisels and gouges

Ciseaux-burins, gouges
Cinceles, gubias
Scalpelli, sgorbi



LEXER

MINI-LEXER

	220 mm – 8 ³ / ₄ "	300 mm – 12 "	220 mm – 8 ³ / ₄ "	300 mm – 12 "
7 mm	tk 24096-07	tk 24088-07	tk 24097-07	tk 24089-07
10 mm	tk 24096-10	tk 24088-10	tk 24097-10	tk 24089-10
15 mm	tk 24096-15	tk 24088-15	tk 24097-15	tk 24089-15
20 mm	tk 24096-20	tk 24088-20	tk 24097-20	tk 24089-20
25 mm	tk 24096-25	tk 24088-25	tk 24097-25	tk 24089-25
30 mm	tk 24096-30	tk 24088-30	tk 24097-30	tk 24089-30

	180 mm – 7 "	180 mm – 7 "
4 mm	tk 24086-04	tk 24087-04
6 mm	tk 24086-06	tk 24087-06
8 mm	tk 24086-08	tk 24087-08
10 mm	tk 24086-10	tk 24087-10
12 mm	tk 24086-12	tk 24087-12

Ferrozellgriff

Ferrozell handle

Manche en Ferrozell

Mango en Ferrozell

Manico di Ferrozell

Ferrozellgriff

Ferrozell handle

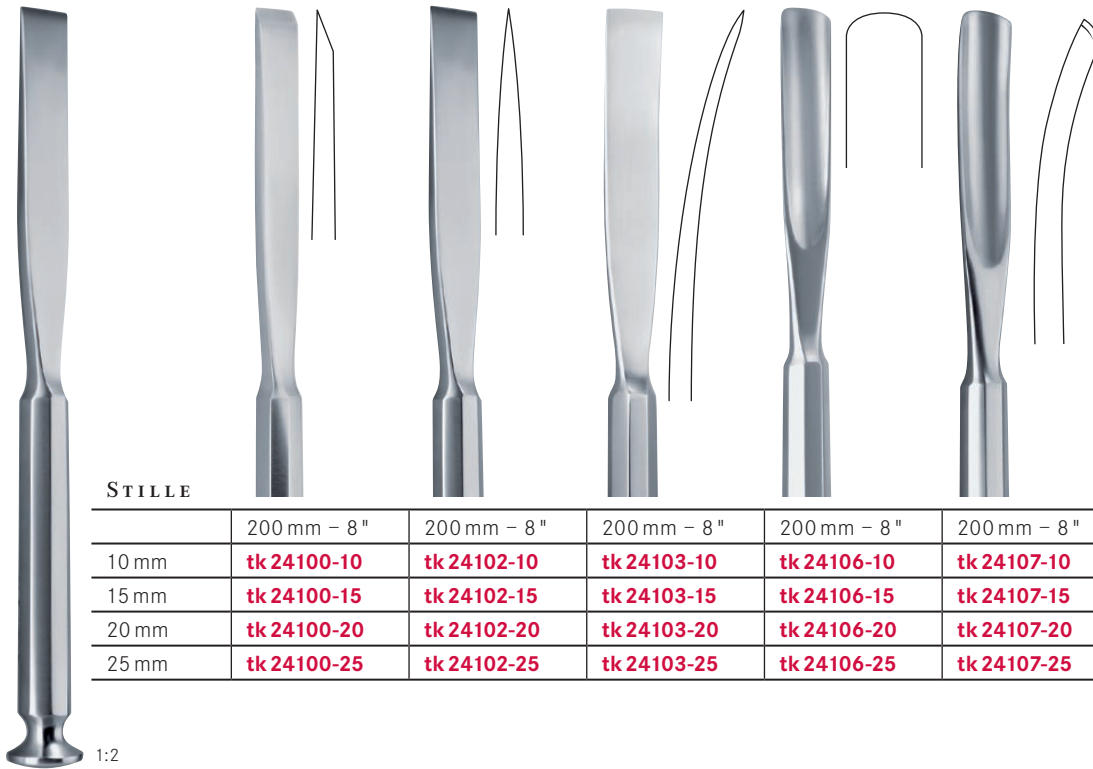
Manche en Ferrozell

Mango en Ferrozell

Manico di Ferrozell

Knochenmeißel
Bone chisels and gouges

Ciseaux-burins, gouges
Cinceles, gubias
Scalpelli, sgorbi



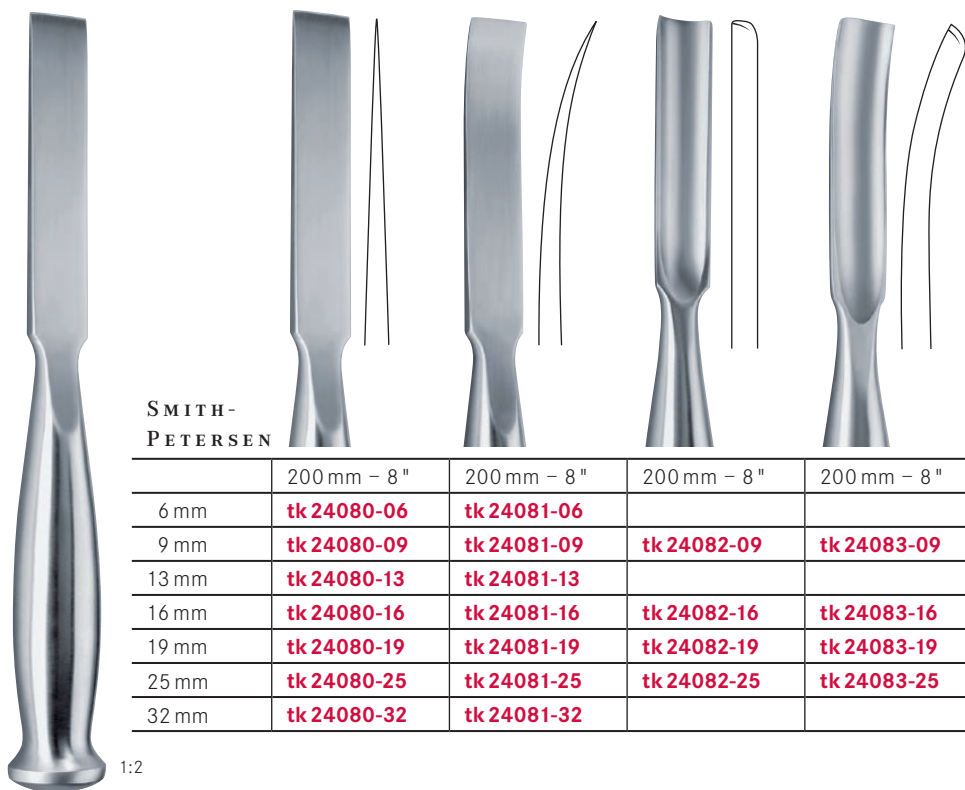
STILLE

	200 mm – 8"	200 mm – 8"	200 mm – 8"	200 mm – 8"	200 mm – 8"
10 mm	tk 24100-10	tk 24102-10	tk 24103-10	tk 24106-10	tk 24107-10
15 mm	tk 24100-15	tk 24102-15	tk 24103-15	tk 24106-15	tk 24107-15
20 mm	tk 24100-20	tk 24102-20	tk 24103-20	tk 24106-20	tk 24107-20
25 mm	tk 24100-25	tk 24102-25	tk 24103-25	tk 24106-25	tk 24107-25

1:2

Knochenmeißel
Bone chisels and gouges

Ciseaux-burins, gouges
Cinceles, gubias
Scalpelli, sgorbi



SMITH-
PETERSEN

	200 mm – 8"	200 mm – 8"	200 mm – 8"	200 mm – 8"
6 mm	tk 24080-06	tk 24081-06		
9 mm	tk 24080-09	tk 24081-09	tk 24082-09	tk 24083-09
13 mm	tk 24080-13	tk 24081-13		
16 mm	tk 24080-16	tk 24081-16	tk 24082-16	tk 24083-16
19 mm	tk 24080-19	tk 24081-19	tk 24082-19	tk 24083-19
25 mm	tk 24080-25	tk 24081-25	tk 24082-25	tk 24083-25
32 mm	tk 24080-32	tk 24081-32		

1:2

Knochenmeißel
Bone chisels and gouges

Ciseaux-burins, gouges
Cinceles, gubias
Scalpelli, sgorbi



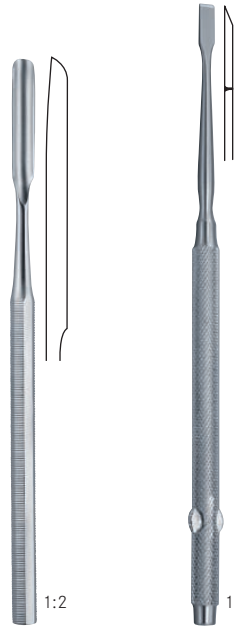
H I B B S

	240 mm – 9½"	240 mm – 9½"	240 mm – 9½"	240 mm – 9½"	240 mm – 9½"
6 mm	tk 24221-06	tk 24222-06	tk 24223-06	tk 24224-06	tk 24225-06
13 mm	tk 24221-13	tk 24222-13	tk 24223-13	tk 24224-13	tk 24225-13
19 mm	tk 24221-19	tk 24222-19	tk 24223-19	tk 24224-19	tk 24225-19
25 mm	tk 24221-25	tk 24222-25	tk 24223-25	tk 24224-25	tk 24225-25
32 mm	tk 24221-32	tk 24222-32	tk 24223-32	tk 24224-32	tk 24225-32

1:2

Knochenmeißel
Bone chisels and gouges

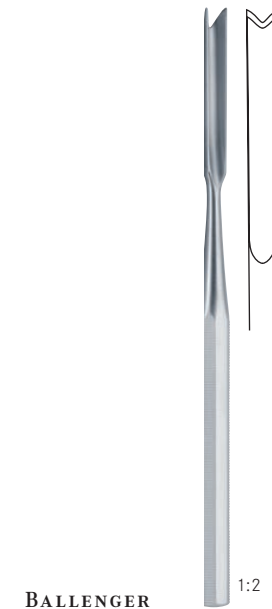
Ciseaux-burins, gouges
Cinceles, gubias
Scalpelli, sgorbi



FREER	
	150 mm – 6" 160 mm – 6¼"
6 mm	tk 24251-15
4 mm	tk 24252-16

Hohlmeißel
Gouge
Gouge
Gubia
Sgorbio

Flachmeißel
Chisel
Ciseau-burin
Cinzel
Scalpello



BALLENGER	
	160 mm – 6¼"
4 mm	tk 24255-04
6 mm	tk 24255-06
8 mm	tk 24255-08



**MANNERFELT
MODIF.**

	155 mm – 6"	155 mm – 6"
3 mm		tk 24254-03
4 mm	tk 24253-04	
6 mm	tk 24253-06	
8 mm	tk 24253-08	

Osteotome
Osteotomes
Ostéotomes
Osteótomos
Osteotomi

Hohlmeißel
Gouge
Gouge
Gubia
Sgorbio

Meißel zur Nasenplastik
Chisels, osteotomes for rhinoplastic

Ostéotomes, ciseaux-burins pour rhinoplastique
Cinceles para rinoplastica
ScalPELLI per plastica nasale



KILIAN

1:2

160 mm – 6¼"
5 mm
tk 24261-16



KILIAN-CLAUS

1:2

160 mm – 6¼"
5 mm
tk 24263-16



COTTLE

1:2

150 mm – 6"	
7 mm	tk 24270-07
12 mm	tk 24270-12



COTTLE

1:2






190 mm – 7½"	180 mm – 7"
4 mm	tk 24272-19
6 mm	tk 24277-06



1:2



FOMON

	 1:1	 1:1	 1:1	 1:1	 1:1
	4 mm	5 mm	6 mm	7 mm	8 mm
170 mm – 6¾"	tk 24278-04	tk 24278-05	tk 24278-06	tk 24278-07	tk 24278-08

1:2

Meißel zur Nasenplastik
Chisels, osteotomes for rhinoplastic

Ostéotomes, ciseaux-burins pour rhinoplastique
Cinceles para rinoplastica
Scalpelli per plastica nasale



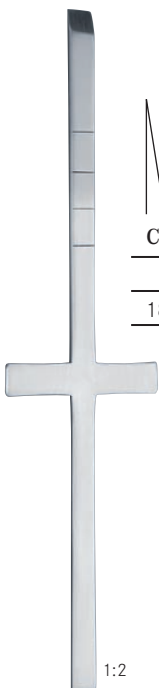
1:2

CINELLI	10 mm	12 mm	14 mm	16 mm
180 mm – 7"	tk 24279-10	tk 24279-12	tk 24279-14	tk 24279-16



1:2

COTTLE	4 mm	7 mm	9 mm	12 mm
180 mm – 7"	tk 24280-04	tk 24280-07	tk 24280-09	tk 24280-12

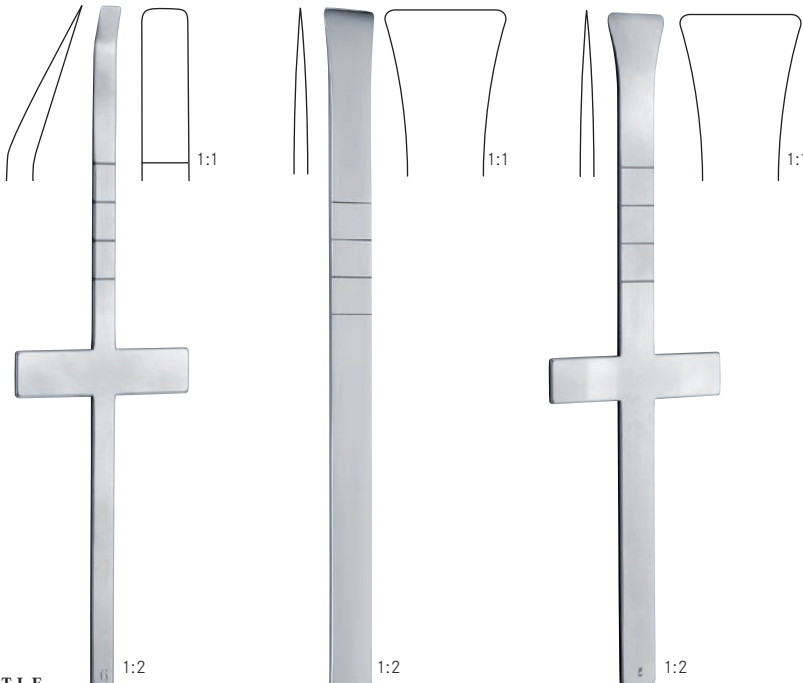


1:2

COTTLE	4 mm	7 mm	9 mm	12 mm
180 mm – 7"	tk 24281-04	tk 24281-07	tk 24281-09	tk 24281-12

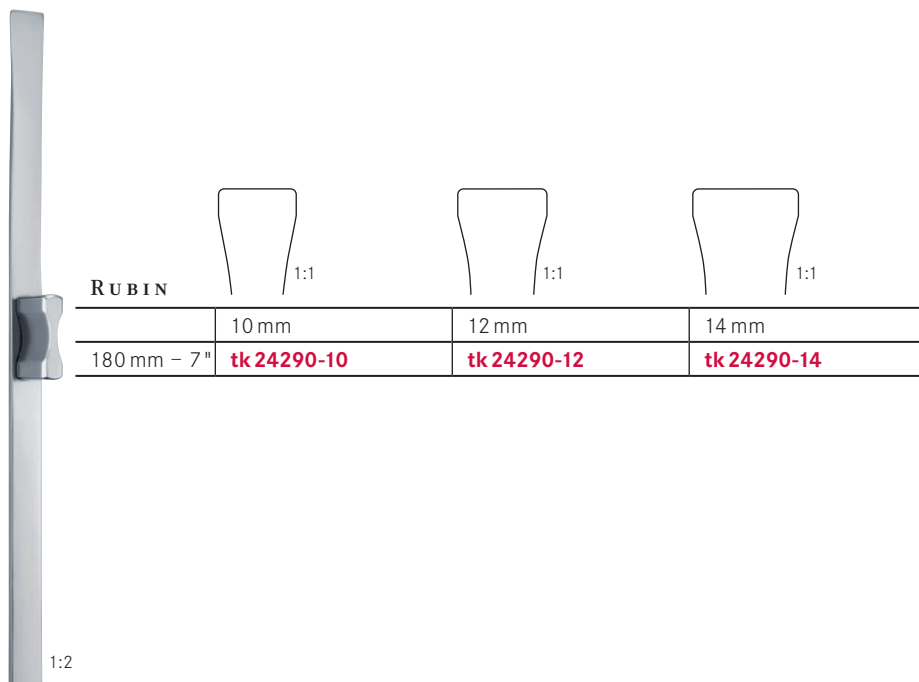
Meißel zur Nasenplastik
Chisels, osteotomes for rhinoplastic

Ostéotomes, ciseaux-burins pour rhinoplastique
Cinceles para rinoplastica
Scalpelli per plastica nasale



COTTLE

	6 mm	16 mm	16 mm
180 mm – 7"	tk 24283-06	tk 24284-16	tk 24286-16







RUBIN

	10 mm	12 mm	14 mm
180 mm – 7"	tk 24290-10	tk 24290-12	tk 24290-14



Meißel zur Nasenplastik
Chisels, osteotomes for rhinoplastic

Ostéotomes, ciseaux-burins pour rhinoplastique
Cinceles para rinoplastica
Scalpelli per plastica nasale











COTTLE	 1:1	 1:1	 1:1	 1:1
	200 mm – 8"	4 mm tk 24287-04	7 mm tk 24287-07	9 mm tk 24287-09



WALTER	 1:1	 1:1
	190 mm – 7½"	3 mm tk 24292-03



SHEEHAN	 1:1	 1:1	 1:1	 1:1
	160 mm – 6¼"	2 mm tk 24295-02	4 mm tk 24295-04	6 mm tk 24295-06

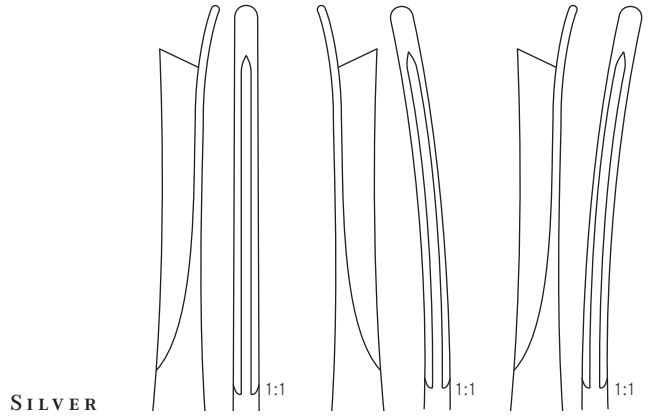
 1:1	 1:1	 1:1	 1:1
10 mm tk 24295-10	12 mm tk 24295-12	15 mm tk 24295-15	18 mm tk 24295-18

Meißel zur Nasenplastik
Chisels, osteotomes for rhinoplastic

Ostéotomes, ciseaux-burins pour rhinoplastique
Cinceles para rinoplastica
ScalPELLI per plastica nasale



1:2



SILVER

180 mm – 7"

tk 24296-01

tk 24296-02

tk 24296-03

gerade
straight

rechts
right

links
left

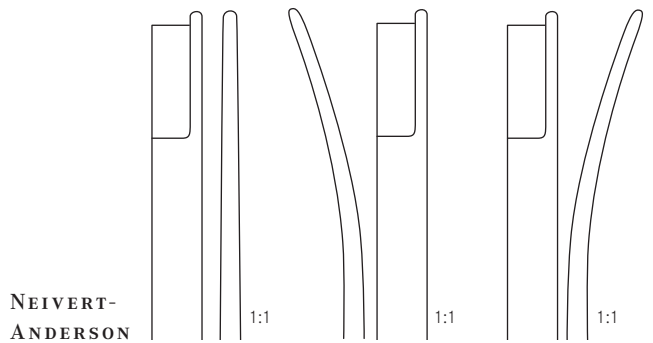
droit
recta
retta

droite
derecha
destra

gauche
izquierda
sinistra



1:2



NEIVERT-ANDERSON

200 mm – 8"

tk 24298-01

tk 24298-02

tk 24298-03

gerade
straight

rechts
right

links
left

droit
recta
retta

droite
derecha
destra

gauche
izquierda
sinistra

Meißel für die Kieferchirurgie
Osteotomes for maxillo-facial surgery

Ostéotomes pour la chirurgie maxillo-faciale
Cinceles para la cirugía maxilofacial
 Scalpelli per chirurgia massilofaciale



OBWEGESER
 235 mm – 9¼"

 11 mm

tk 52744-24



OBWEGESER	7 mm	10 mm
215 mm – 8½"	tk 52755-21	tk 52756-21

Stößel | Piloni
Tampers | Punzones
 Pestoni



1:2

	1:1	1:1	1:1	1:1	1:1	1:1	1:1
	2 mm Ø	3 mm Ø	4 mm Ø	5 mm Ø	6 mm Ø	8 mm Ø	10 mm Ø
155 mm – 6"	tk 24250-02	tk 24250-03	tk 24250-04	tk 24250-05	tk 24250-06	tk 24250-08	tk 24250-10



1:2

PASSOW	1:1	1:1
	Fig. 1	Fig. 2
	2.5 mm x 2.5 mm	3.5 mm x 3.5 mm
120 mm – 4¾"	tk 24239-11	tk 24239-12



1:2

CASPAR	1:1	1:1	1:1
	3 mm Ø	5 mm Ø	8 mm Ø
200 mm – 8"	tk 24248-03	tk 24248-05	tk 24248-08








1:2






	1:1	1:1	1:1
	12 mm Ø	14 mm Ø	16 mm Ø
200 mm – 8"	tk 24249-12	tk 24249-14	tk 24249-16

Scharfe Löffel
Bone curettes

Curettes tranchantes
Cucharillas cortantes
Cucchiai taglianti










VOLKMANN	 1:1	 1:1	 1:1	 1:1	 1:1
	Fig. 0000	Fig. 000	Fig. 00	Fig. 0	Fig. 1
170 mm – 6¾"	tk 24450-40	tk 24450-30	tk 24450-20	tk 24450-10	tk 24450-01

 1:1	 1:1	 1:1	 1:1	 1:1
Fig. 2	Fig. 3	Fig. 4	Fig. 5	Fig. 6
tk 24450-02	tk 24450-03	tk 24450-04	tk 24450-05	tk 24450-06

1:2



SCHEDE	 1:1	 1:1	 1:1	 1:1	 1:1
	Fig. 000	Fig. 00	Fig. 0	Fig. 1	Fig. 2
170 mm – 6¾"	tk 24451-30	tk 24451-20	tk 24451-10	tk 24451-01	tk 24451-02




 1:1	 1:1
Fig. 3	Fig. 4
tk 24451-03	tk 24451-04




1:2




Scharfe Löffel
Bone curettes

Curettes tranchantes
Cucharillas cortantes
Cucchiai taglienti









SPRATT	 1:1	 1:1	 1:1
		Fig. 0000	Fig. 000
170 mm – 6 ³ / ₄ "	tk 24461-40	tk 24461-30	tk 24461-20




 1:1	 1:1	 1:1
Fig. 0	Fig. 1	Fig. 2
tk 24461-10	tk 24461-01	tk 24461-02

 1:1	 1:1	 1:1
Fig. 3	Fig. 4	Fig. 5
tk 24461-03	tk 24461-04	tk 24461-05



BRUNS	 1:1	 1:1	 1:1
		Fig. 000	Fig. 00
160 mm – 6 ¹ / ₄ "	tk 24460-30	tk 24460-20	tk 24460-10







 1:1	 1:1	 1:1
Fig. 1	Fig. 2	Fig. 3
tk 24460-01	tk 24460-02	tk 24460-03

 1:1	 1:1	 1:1
Fig. 4	Fig. 5	Fig. 6
tk 24460-04	tk 24460-05	tk 24460-06

Scharfe Löffel
Bone curettes





Curettes tranchantes
Cucharillas cortantes
Cucchiai taglianti








VOLKMANN	 1:1	 1:1	 1:1	 1:1	 1:1	 1:1
	Fig. 0000	Fig. 000	Fig. 00	Fig. 0	Fig. 1	Fig. 2
185 mm – 7¼"	tk 24442-40	tk 24442-30	tk 24442-20	tk 24442-10	tk 24442-01	tk 24442-02

oval, mit Kunststoffgriff
oval, with plastic handle

ovale, avec manche en matière plastique
ovalada, con mango plástico
ovale, con manico in plastica

	 1:1	 1:1	 1:1	 1:1
	Fig. 3	Fig. 4	Fig. 5	Fig. 6
190 mm – 7½"	tk 24442-03	tk 24442-04	tk 24442-05	tk 24442-06

	 1:1	 1:1	 1:1	 1:1	 1:1
	Fig. 0	Fig. 1	Fig. 2	Fig. 3	Fig. 4
275 mm – 10¾"	tk 24443-00	tk 24443-01	tk 24443-02	tk 24443-03	tk 24443-04

Scharfe Löffel
Bone curettes

Curettes tranchantes
Cucharillas cortantes
Cucchiai taglienti



HALLER



	Fig. 1	Fig. 2	Fig. 3
210 mm – 8 ³ / ₄ "	tk 24462-01	tk 24462-02	tk 24462-03

flexibel
flexible
flexible
flexible
flessibile



UFFENORDE

	Fig. 1	Fig. 2
170 mm – 6 ³ / ₄ "	tk 24463-01	tk 24463-02



BRUNS



	Fig. 00	Fig. 0	Fig. 1	Fig. 2
230 mm – 9 "	tk 24464-20	tk 24464-10	tk 24464-01	tk 24464-02

massiv
solid
solide
macizo
massiccio



Fig. 3	Fig. 4	Fig. 5	Fig. 6
tk 24464-03	tk 24464-04	tk 24464-05	tk 24464-06

Scharfe Löffel
Bone curettes

Curettes tranchantes
Cucharillas cortantes
Cucchiai taglianti



SCHROEDER

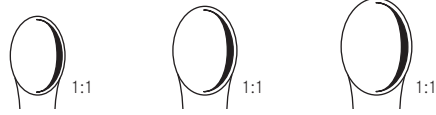


	Fig. 1	Fig. 2	Fig. 3
300 mm – 12"	tk 24448-01	tk 24448-02	tk 24448-03

scharf / fest
sharp / rigid

tranchante / rigide
cortante / rigida
tagliante / rigido

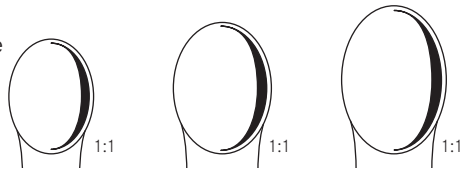


	Fig. 4	Fig. 5	Fig. 6
	tk 24448-04	tk 24448-05	tk 24448-06

1:2



1:2

SIMON



	Fig. 0000	Fig. 000	Fig. 00	Fig. 0
240 mm – 9½"	tk 24440-40	tk 24440-30	tk 24440-20	tk 24440-10

scharf / fest
sharp / rigid

tranchante / rigide
cortante / rigida
tagliante / rigido

SIMON

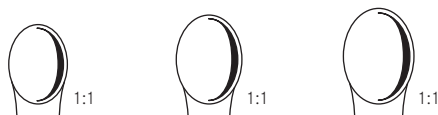


	Fig. 1	Fig. 2	Fig. 3
250 mm – 9¾"	tk 24445-01	tk 24445-02	tk 24445-03

scharf / fest
sharp / rigid

tranchante / rigide
cortante / rigida
tagliante / rigido

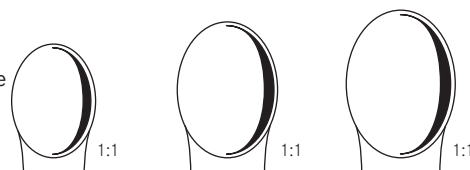





	Fig. 4	Fig. 5	Fig. 6
	tk 24445-04	tk 24445-05	tk 24445-06




Scharfe Löffel
Bone curettes




Curettes tranchantes
Cucharillas cortantes
Cucchiai taglienti



	 1:1	 1:1	 1:1
	Fig. 000	Fig. 00	Fig. 0
200 mm – 8 "	tk 24390-30	tk 24390-20	tk 24390-10




gerade
straight
droit
recta
retto

 1:1	 1:1	 1:1
Fig. 1	Fig. 2	Fig. 3
tk 24390-01	tk 24390-02	tk 24390-03




 1:1	 1:1	 1:1
Fig. 4	Fig. 5	Fig. 6
tk 24390-04	tk 24390-05	tk 24390-06




1:2



	 1:1	 1:1	 1:1
	Fig. 000	Fig. 00	Fig. 0
200 mm – 8 "	tk 24391-30	tk 24391-20	tk 24391-10

gebogen
curved
courbe
curva
curvo

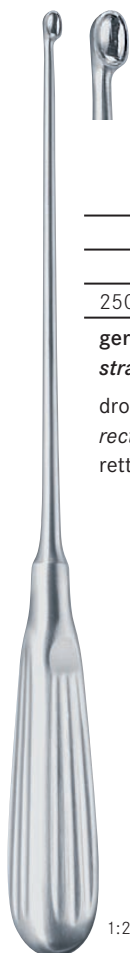
 1:1	 1:1	 1:1
Fig. 1	Fig. 2	Fig. 3
tk 24391-01	tk 24391-02	tk 24391-03

 1:1	 1:1	 1:1
Fig. 4	Fig. 5	Fig. 6
tk 24391-04	tk 24391-05	tk 24391-06

1:2

Scharfe Löffel
Bone currettes

Curettes tranchantes
Cucharillas cortantes
Cucchiai taglienti



1:2



1:1



1:1



1:1



1:1

	Fig. 000	Fig. 00	Fig. 0	Fig. 1
	3.6 mm	4.4 mm	5.2 mm	6.8 mm
250 mm – 9 3/4"	tk 24392-30	tk 24392-20	tk 24392-10	tk 24392-01

gerade
straight
droit
recta
retto



1:2

DAUBENSPECK



1:1



1:1



1:1



1:1

	Fig. 0000	Fig. 000	Fig. 00	Fig. 0
	2.8 mm	3.6 mm	4.4 mm	5.2 mm
200 mm – 8"	tk 24394-40	tk 24394-30	tk 24394-20	tk 24394-10

Scharfe Löffel
Bone curettes

Curettes tranchantes
Cucharillas cortantes
Cucchiai taglienti








1:2

SCOVILLE	 1:1	 1:1	 1:1
	Fig. 1	Fig. 2	Fig. 3
250 mm – 9 3/4"	tk 24465-01	tk 24465-02	tk 24465-03

oval
oval
ovale
ovalada
ovale

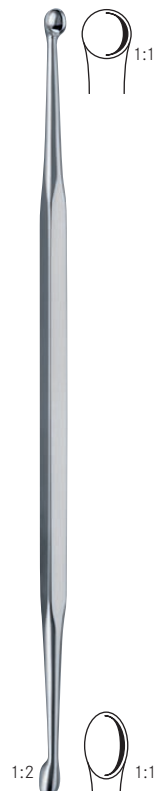


1:2

LEMPERT	 1:1	 1:1	 1:1	 1:1	 1:1
	Fig. 00000	Fig. 0000	Fig. 000	Fig. 00	Fig. 0
	1.8 mm	2.0 mm	2.4 mm	2.6 mm	2.8 mm
215 mm – 8 1/2"	tk 24395-50	tk 24395-40	tk 24395-30	tk 24395-20	tk 24395-10

Scharfe Doppellöffel
Bone curettes, double-ended

Curettes doubles
Cucharillas de doble extremo
Curette doppia



VOLKMANN

130 mm – 5"	tk 24400-13	tk 24410-13
140 mm – 5½"	tk 24400-14	
160 mm – 6¼"		tk 24410-16
170 mm – 6¾"	tk 24400-17	
200 mm – 8"		tk 24410-20

oval / oval
oval / oval
ovale / ovale
ovalada / ovalada
ovale / ovale

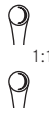


rund / oval
round / oval
ronde / ovale
redonda / ovalada
rotondo / ovale

210 mm – 8¼"
tk 24412-21
rund / oval
round / oval
ronde / ovale
redonda / ovalada
rotondo / ovale

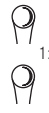


Scharfe Doppellöffel
Bone curettes, double-ended

Curettes doubles
Cucharillas de doble extremo
Curette doppia






MARTINI			
	 1:1	 1:1	 1:1
	Fig. 00	Fig. 0	Fig. 1
	Fig. 0	Fig. 1	Fig. 2
135 mm – 5¼"	tk 24485-00	tk 24485-01	tk 24485-12

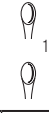




MARTINI			
	 1:1	 1:1	 1:1
	Fig. 00	Fig. 0	Fig. 1
	Fig. 00	Fig. 0	Fig. 1
155 mm – 6"	tk 24489-20	tk 24489-10	tk 24489-01



WILLIGER			
	 1:1	 1:1	 1:1
	Fig. 00	Fig. 0	Fig. 1
	Fig. 0	Fig. 1	Fig. 2
135 mm – 5¼"	tk 24487-00	tk 24487-01	tk 24487-12



WILLIGER			
	 1:1	 1:1	 1:1
	Fig. 00	Fig. 0	Fig. 1
	Fig. 00	Fig. 0	Fig. 1
155 mm – 6"	tk 24490-20	tk 24490-10	tk 24490-01

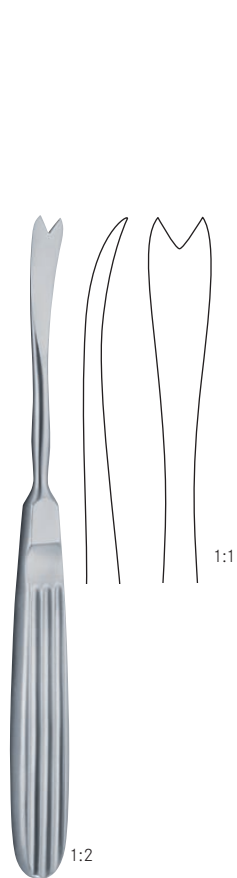
Raspatorien für die Kieferchirurgie
Periosteal elevators for maxillo-facial surgery

Rugines – Décolleurs pour la chirurgie maxillo-faciale
Periostótomos para la cirugía maxilofacial
 Raspatori per chirurgia massilofaciale



Raspatorien und Ahlen für die Kieferchirurgie
Periosteal elevators and awls for maxillo-facial surgery

Rugines, décolleurs et passe-fils pour chirurgie maxillo-faciale
Periostótomos y leznas para la cirugía maxilofacial
Raspatori, punteruoli per chirurgia massilofaciale



OBWEGESER

175 mm – 7"

tk 52735-01



OBWEGESER

230 mm – 9"

tk 52751-23



OBWEGESER

180 mm – 7"

tk 52749-18



OBWEGESER

140 mm – 5½"

tk 52750-14

Raspatorien – Elevatorien
Periosteal raspatories – Elevators

Rugines – Elevateurs
Raspatorios – Elevadores
 Periostotomi – Elevatori

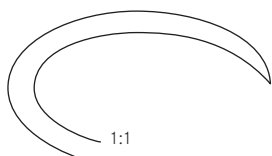


DOYEN

170 mm – 6¾" "

links
left
 gauche
izquierda
 sinistra

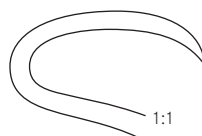
1:2



1:1

tk 24500-17

für Erwachsene
for adults
 pour adultes
para adultos
 per adulti



1:1

tk 24510-17

für Kinder
for children
 pour enfants
para niños
 per bambini

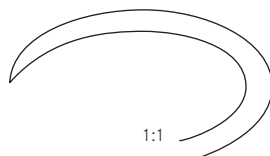


DOYEN

170 mm – 6¾" "

rechts
right
 droite
derecha
 destra

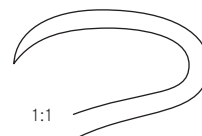
1:2



1:1

tk 24501-17

für Erwachsene
for adults
 pour adultes
para adultos
 per adulti



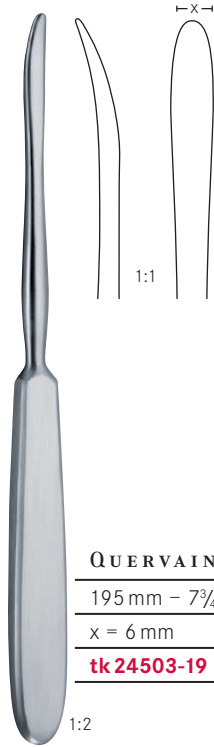
1:1

tk 24511-17

für Kinder
for children
 pour enfants
para niños
 per bambini

Raspatorien – Elevatorien
Periosteal raspatories – Elevators

Rugines – Elevateurs
Raspatorios – Elevadores
Periostotomi – Elevatori



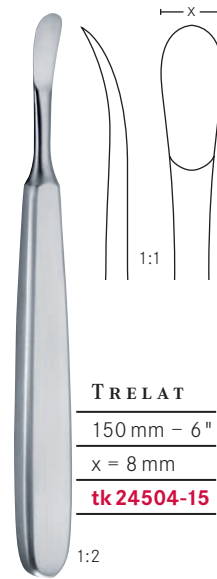
QUERVAIN

195 mm – 7³/₄ "

x = 6 mm

tk 24503-19

1:2



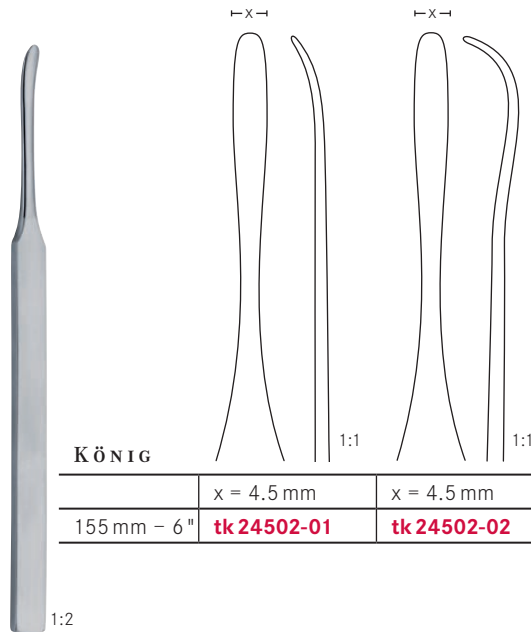
TRELAT

150 mm – 6 "

x = 8 mm

tk 24504-15

1:2



KÖNIG

x = 4.5 mm

x = 4.5 mm

155 mm – 6 "

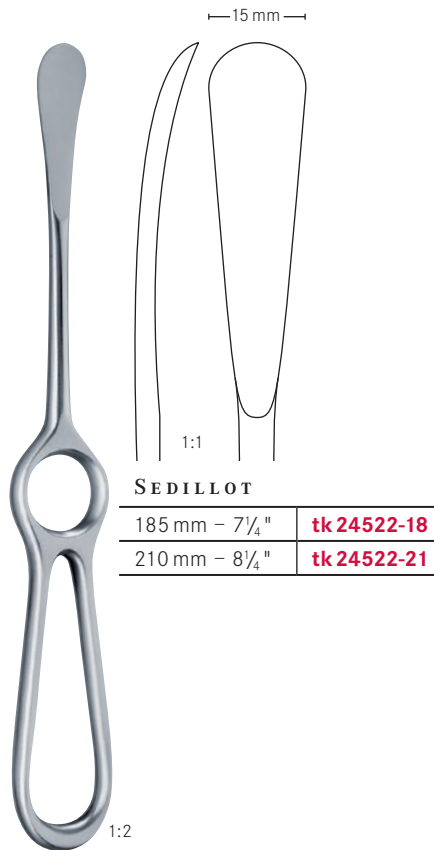
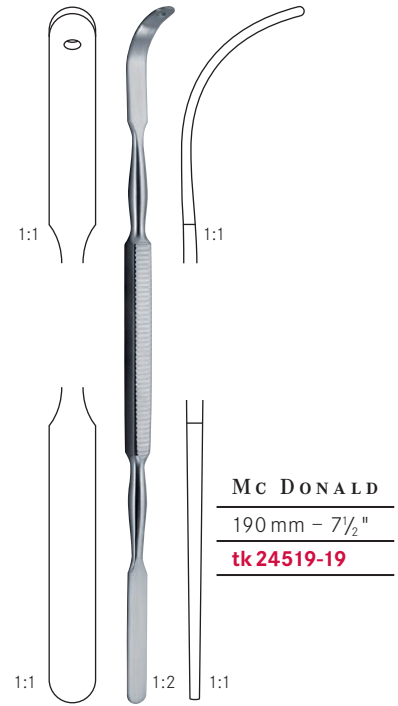
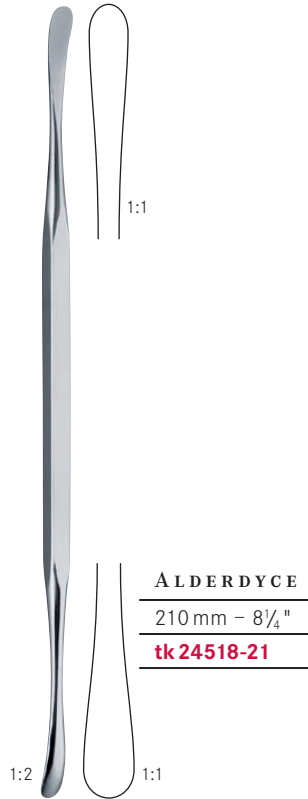
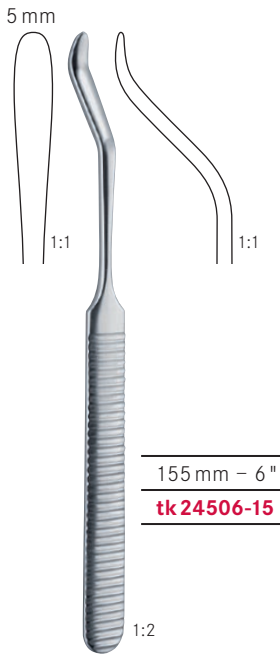
tk 24502-01

tk 24502-02

1:2

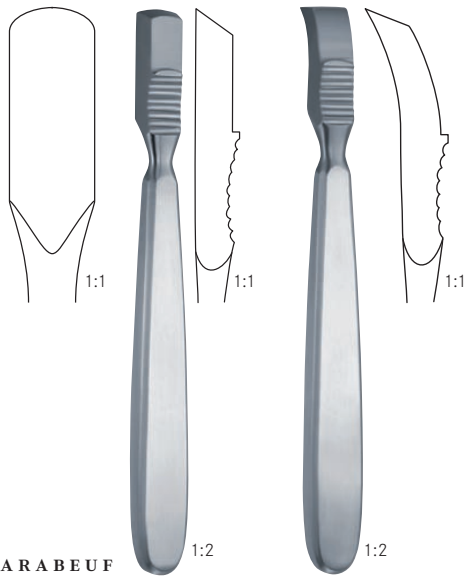
Raspatorien – Elevatorien
 Periosteal raspatories – Elevators

Rugines – Elevateurs
 Raspatorios – Elevadores
 Periostotomi – Elevatori

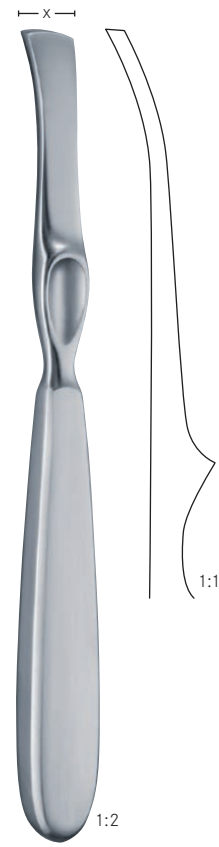


Raspatorien – Elevatorien
Periosteal raspatories – Elevators

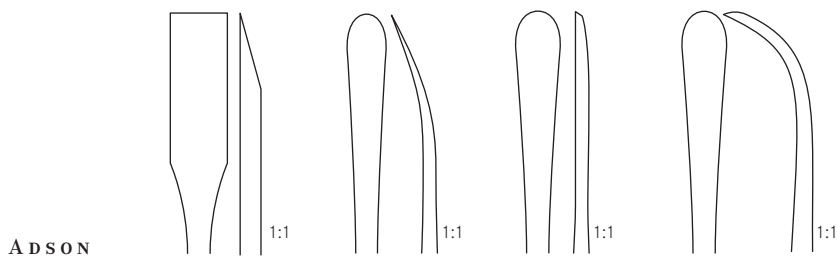
Rugines – Elevateurs
Raspatorios – Elevadores
 Periostotomi – Elevatori



FARABEU F	
150 mm – 6"	tk 24520-15 tk 24521-15
gerade <i>straight</i>	gebogen <i>curved</i>
droit <i>recta</i>	courbe <i>curva</i>
retto	curvo



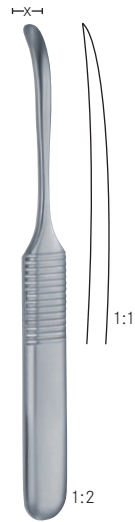
LAMBOTTE	
	210 mm – 8¼"
x = 5 mm	tk 24523-05
x = 10 mm	tk 24523-10
x = 15 mm	tk 24523-15
x = 20 mm	tk 24523-20
x = 25 mm	tk 24523-25



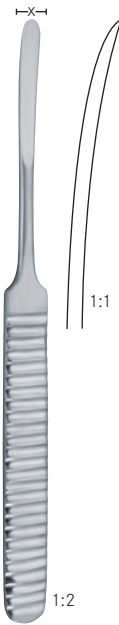
ADSON				
	Fig. 1	Fig. 2	Fig. 3	Fig. 4
170 mm – 6¾"	tk 24535-01	tk 24535-02	tk 24535-03	tk 24535-04

Raspatorien – Elevatorien
 Periosteal raspatories – Elevators

Rugines – Elevateurs
 Raspatorios – Elevadores
 Periostotomi – Elevatori



WILLIGER	
	x = 5 mm
130 mm – 5"	tk 24525-13



WILLIGER	
	160 mm – 6¼"
x = 4 mm	tk 24525-16
x = 6 mm	tk 24526-16



WILLIGER	
	x = 5 mm
160 mm – 6¼"	tk 24532-16



	x = 6.5 mm
	tk 24533-17



FARABEUF-COLLIN	
	x = 11 mm
160 mm – 6¼"	tk 24528-01



	x = 11 mm
	tk 24528-02

Raspatorien – Elevatorien
Periosteal raspatories – Elevators

Rugines – Elevateurs
Raspatorios – Elevadores
Periostotomi – Elevatori



OBWEGESER

	2.5 mm	4 mm
150 mm – 6"	tk 52742-25	tk 52742-40



OBWEGESER

185 mm – 7 1/4"
tk 52746-19



OBWEGESER

185 mm – 7 1/4"
tk 52747-19

Raspatorien – Elevatorien
 Periosteal raspatories – Elevators

Rugines – Elevateurs
 Raspatorios – Elevadores
 Periostotomi – Elevatori



SEMB	 1:2	 1:2	 1:2	 1:2	 1:2	 1:2
	175 mm – 7"	210 mm – 8¼"	175 mm – 7"	210 mm – 8¼"	225 mm – 8¾"	220 mm – 8¾"
	12 mm	12 mm	13 mm	13 mm	13 mm	15 mm
	tk 24536-01	tk 24536-02	tk 24536-03	tk 24536-04	tk 24536-05	tk 24536-06

Raspatorien – Elevatorien
Periosteal raspatories – Elevators

Rugines – Elevateurs
Raspatorios – Elevadores
Periostotomi – Elevatori



HOWARTH

215 mm – 8½"

tk 24534-21

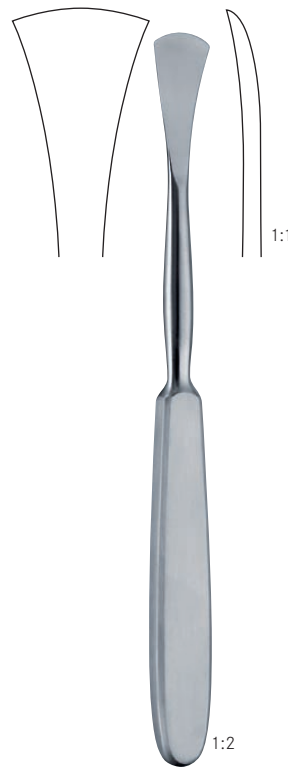
scharf / stumpf
sharp / blunt
pointu / mousse
aguda / roma
acuta / smussa



**LANGEN-
BECK**

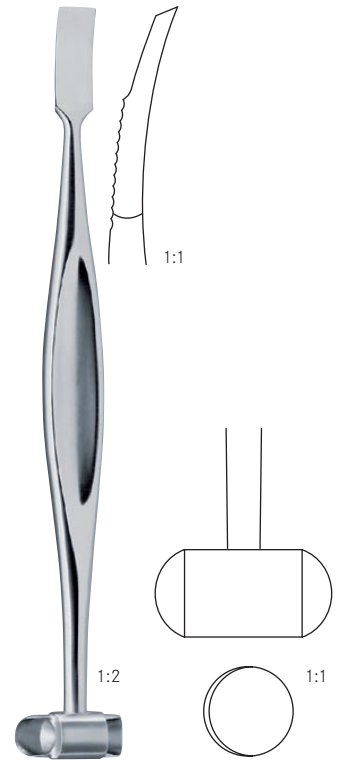
180 mm – 7"

tk 24537-18



190 mm – 7½"

tk 24538-19



ALEXANDER

200 mm – 8"

tk 24539-20

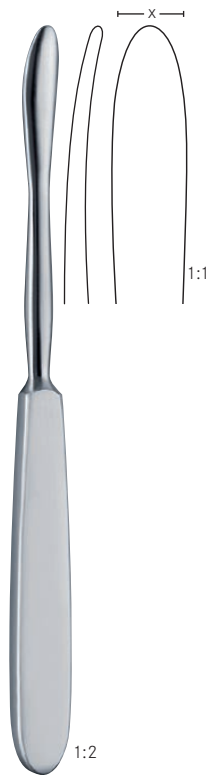
Raspatorien – Elevatorien
 Periosteal raspatories – Elevators

Rugines – Elevateurs
 Raspatorios – Elevadores
 Periostotomi – Elevatori



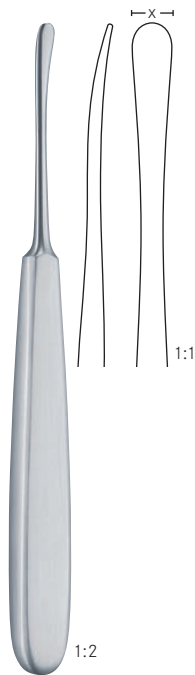
LANGENBECK

1:2



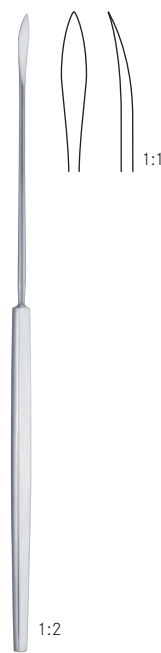
1:2

	x = 8 mm	x = 10 mm
200 mm – 8"	tk 24540-20	tk 24542-20



SEBILLEAU

1:2



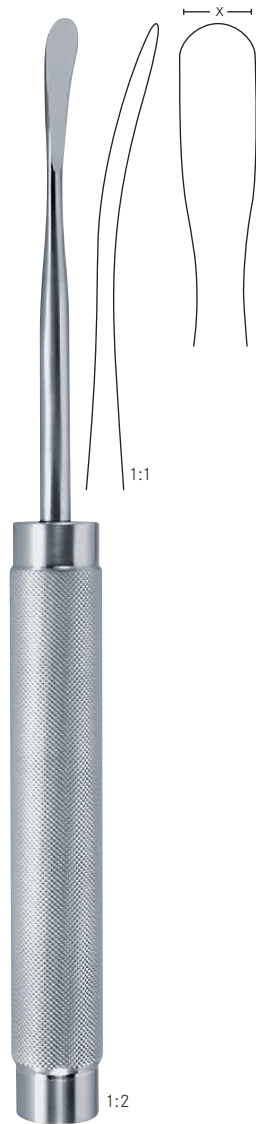
1:2

	x = 5 mm	
175 mm – 7"	tk 24544-17	tk 24546-17

extrem leicht
extremely light
 extrêmement léger
extremamente ligero
 estremamente leggera

Raspatorien – Elevatorien
Periosteal raspatories – Elevators

Rugines – Elevateurs
Raspatorios – Elevadores
 Periostotomi – Elevatori



COBB	290 mm – 11½"
x = 10 mm	tk 24541-10
x = 13 mm	tk 24541-13
x = 19 mm	tk 24541-19

Wirbelsäulen-Raspatorium
Spinal raspatory
 Rugine vertebral
Raspatorio vertebral
 Periostotomo vertebral



KEY	180 mm – 7"	190 mm – 7½"	190 mm – 7½"
	x = 6 mm	x = 10 mm	x = 12 mm
	tk 24545-06	tk 24545-10	tk 24545-12

200 mm – 8"	210 mm – 8¼"
x = 19 mm	x = 25 mm
tk 24545-19	tk 24545-25

Raspatorien | Rugines
 Periosteal raspatories | Raspatorios
 Periostotomi



	Fig. 1	Fig. 2	Fig. 3
	14 mm	14 mm	20 mm
200 mm – 8"	tk 24548-01	tk 24548-02	tk 24548-03
Ferrozellgriff Ferrozell handle	gerade straight	gebogen curved	gerade straight
Manche en Ferrozell Mango en Ferrozell Manico di Ferrozell	droit recta rette	courbe curva curve	droit recta rette

1:2



	Fig. 1	Fig. 2	Fig. 3
	6 mm	3 mm	6 mm
180 mm – 7"	tk 24549-01	tk 24549-02	tk 24549-03
Ferrozellgriff Ferrozell handle			
Manche en Ferrozell Mango en Ferrozell Manico di Ferrozell			

1:2

Knochenhebel
Bone levers

Leviers à os
Elevadores para huesos
Elevatori per ossa



HOHMANN

220 mm – 8¾"	240 mm – 9½"	240 mm – 9½"	240 mm – 9½"
x = 8 mm	x = 18 mm	x = 43 mm	x = 70 mm
tk 24550-08	tk 24550-18	tk 24550-43	tk 24550-70

Knochenhebel
Bone levers

Leviers à os
Elevadores para huesos
Elevatori per ossa



HOHMANN

245 mm - 9¾"	260 mm - 10¼"	280 mm - 11"	265 mm - 10½"	260 mm - 10¼"
x = 43 mm	x = 22 mm	x = 33 mm	x = 24 mm	x = 22 mm
tk 24558-43	tk 24558-22	tk 24558-33	tk 24559-24	tk 24561-22

Knochenhebel
Bone levers

Leviers à os
Elevadores para huesos
Elevatori per ossa



1:2

MINI-
HOHMANN

	6 mm	8 mm
160 mm – 6¼"	tk 24551-06	tk 24551-08



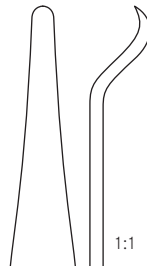
1:1



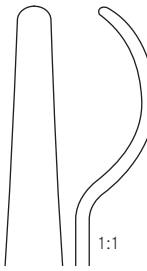
1:1



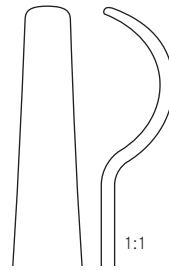
1:2



1:1



1:1



1:1

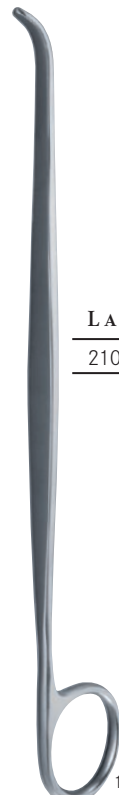
	2.8 mm	4.5 mm	6 mm
140 mm – 5½"	tk 24552-02	tk 24552-04	tk 24552-06



1:2

BRISTOW

230 mm – 9"	tk 24552-23
-------------	--------------------



1:2

LANE

210 mm – 8¼"	tk 24552-21
--------------	--------------------

Knochenhebel
Bone levers

Leviers à os
Elevadores para huesos
Elevatori per ossa



BENNETT

	240 mm – 9½"
x = 43 mm	tk 24555-01
x = 60 mm	tk 24555-02

1:2



MURPHY-LANE

	340 mm – 13½"
	tk 24556-34

Luxationshebel
Luxation lever

Levier de luxation
Palanca de luxación
Leva per luxazione

1:2

Knochenhebel
Bone levers

Leviers à os
Elevadores para huesos
Elevatori per ossa



BLOUNT

1:2

1:2

260 mm – 10 $\frac{1}{4}$ "

tk 24562-26

tk 24563-26



**LANGE-
HOHMANN MOD.**

265 mm – 10 $\frac{1}{2}$ "

280 mm – 11"

x = 30 mm

x = 33 mm

tk 24561-26

tk 24561-28

Knochenhebel
Bone levers

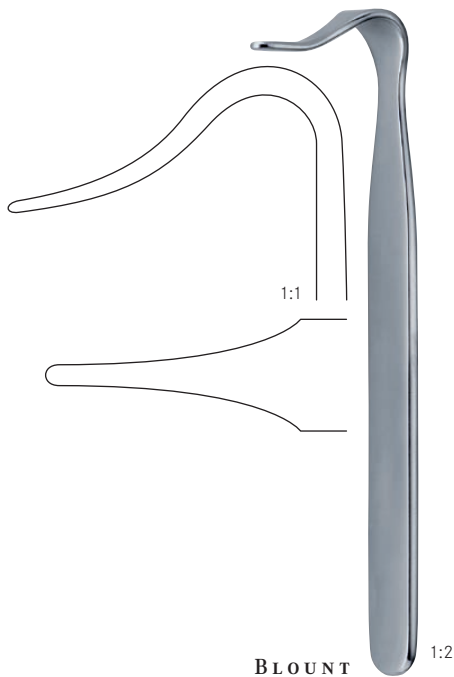
Leviers à os
Elevadores para huesos
Elevatori per ossa



**HOHMANN-
WILLIGER**

160 mm – 6¼"

tk 24560-16



BLOUNT

175 mm – 7"

tk 24564-17



TAYLOR

165 mm – 6½"

a = 75 mm – b = 30 mm

tk 24566-16

a = 100 mm – b = 30 mm

tk 24567-16

Meniskotome
Meniscotomy knives

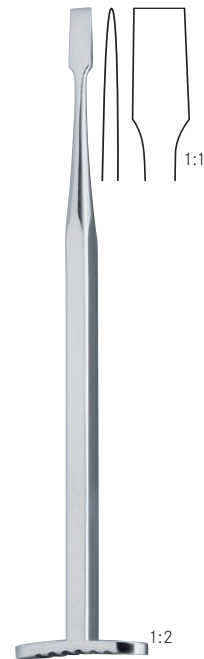
Bistouries à ménisques
Bisturías para meniscos
Bisturi per menisco



BIRCHER

190 mm – 7½"

tk 24563-19



SMILLIE

170 mm – 6¾"

tk 24568-17



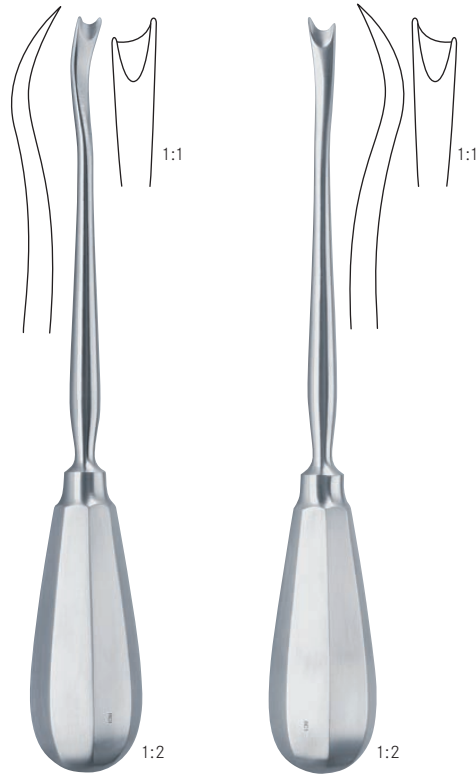
tk 24569-17



tk 24570-17

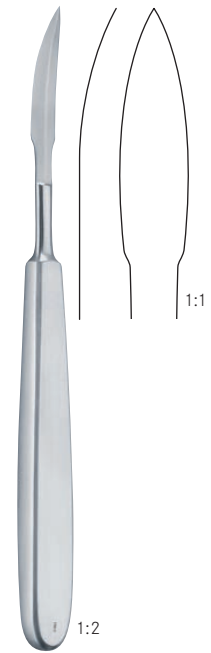
Meniskotome
Meniscotomy knives

Bistouries à ménisques
Bisturías para meniscos
Bisturi per menisco



KANADISCHES
MODELL

	Fig. 1	Fig. 2
200 mm – 8"	tk 24571-01	tk 24571-02



180 mm – 7"
tk 24573-18



1:2

NEFF	1:1	1:1
	1:1	1:1
220 mm – 8 ³ / ₄ "	tk 24572-01	tk 24572-02

links

left

gauche

izquierda

sinistra

rechts

right

droit

derecha

destra

Sehnenstripper
Tendon strippers

Instrumentes à écorcher les tendons
Enucleadores de tendones
Scollatendini



	○ 1:1	○ 1:1	○ 1:1
	4.0 mm Ø	4.5 mm Ø	5.5 mm Ø
230 mm – 9"	tk 24578-40	tk 24578-45	tk 24578-55

Schaft biegsam
Malleable shaft
Tige malléable
Tija maleable
Asta malleabile

1:2



BUNNELL	○ 1:1	○ 1:1	○ 1:1
	Fig. 1	Fig. 2	Fig. 3
150 mm – 6"	tk 24575-01	tk 24575-02	tk 24575-03

○ 1:1	○ 1:1
Fig. 4	Fig. 5
tk 24575-04	tk 24575-05

1:2

Sehnenstripper
Tendon strippers

Instruments à écorcher les tendons
Enucleadores de tendones
Scollatendini



FISCHER
310 mm – 12 1/4"
tk 24580-31



BUNNELL
230 mm – 9"
tk 24582-23






**KLEINERT-
KUTZ**
200 mm – 8"
20 mm Ø
tk 24588-20

Sehnedurchzugs-sonde
Tendon passer
Sonde conductrice pour tendons
Sonda conductora de tendones
Sonda conduttrice per tendini

Sehnenfazzangen
Tendon holding forceps

Pinces pour saisir les tendons
Pinzas para coger tendones
Pinze per afferrare tendini





BRAND	 1:1	 1:1	 1:1
	150 mm – 6"	190 mm – 7½"	240 mm – 9½"
	tk 24585-15	tk 24585-19	tk 24585-24



 1:1
130 mm – 5"
tk 38724-13





 1:1	 1:1
150 mm – 6"	tk 24589-15
	tk 24590-15

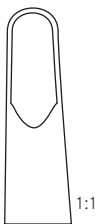
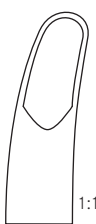
Hohlmeißelzangen
Bone rongeurs

Pinces gouges
Pinzas gubias
Pinze sgorbie



LUER	 1:1	 1:1
	Fig. 1	Fig. 2
150 mm – 6"	tk 24601-15	tk 24602-15



LUER	 1:1	 1:1
	Fig. 1	Fig. 2
170 mm – 6¾"	tk 24603-17	tk 24604-17



 1:1	MINI-FRIEDMANN
	120 mm – 4¾" tk 24605-12


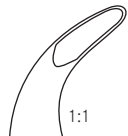



 1:1	FRIEDMANN
	140 mm – 5½" tk 24605-14


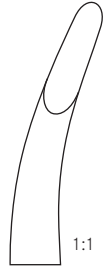
Hohlmeißelzangen
Bone rongeurs

Pinces gouges
Pinzas gubias
Pinze sgorbie



BLUMENTHAL			
	 1:1	 1:1	 1:1
	Fig. 1	Fig. 2	Fig. 3
155 mm – 6"	tk 24606-01	tk 24606-02	tk 24606-03



JANSEN		
	 1:1	 1:1
	Fig. 1	Fig. 2
180 mm – 7"	tk 24607-01	tk 24607-02

Hohlmeißelzangen
Bone rongeurs

Pinces gouges
Pinzas gubias
Pinze sgorbie



JANSEN
190 mm – 7½"
tk 24608-19



ADSON
200 mm – 8"
tk 24609-20



BACON
210 mm – 8¼"
tk 24610-21

Hohlmeißelzangen
Bone rongeurs

Pinces gouges
Pinzas gubias
Pinze sgorbie

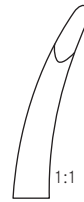


LEMPERT

190 mm – 7½"



1:1



1:1

tk 24612-19

tk 24611-19

1:2

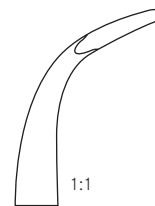


STELLBRINK

175 mm – 7"



1:1



1:1

tk 24614-01

tk 24614-02

leicht gebogen

slightly curved

légèrement courbe

ligeramente curvada

legermente curvata

stark gebogen

strongly curved

très courbe

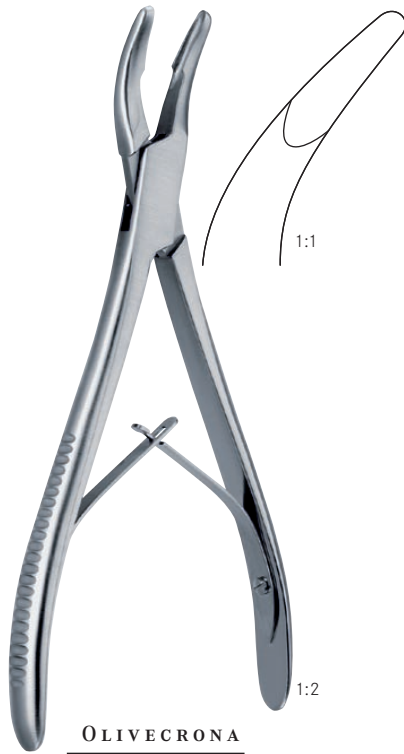
fuertemente curvada

fortemente curvata

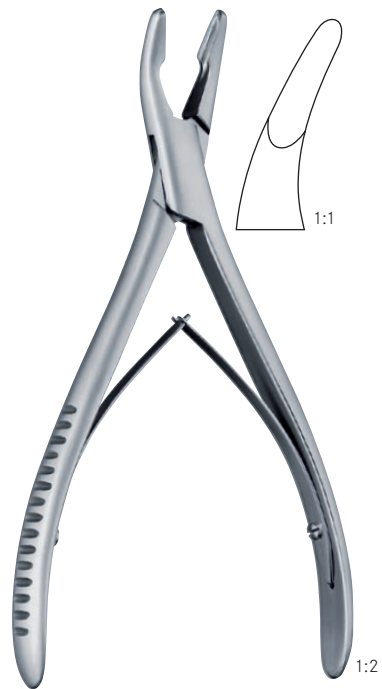
1:2

Hohlmeißelzangen
Bone rongeurs

Pinces gouges
Pinzas gubias
Pinze sgorbie



OLIVECRONA
205 mm – 8"
tk 24620-20



HARTMANN
175 mm – 7"
tk 24622-18

Hohlmeißelzangen
Bone rongeurs

Pinces gouges
Pinzas gubias
Pinze sgorbie



MEAD

165 mm – 6½"

tk 24631-16



CLEVELAND

170 mm – 6¾"

tk 24637-17



CLEVELAND

140 mm – 5½"

tk 24635-14

Hohlmeißelzangen | Pincés gougés
Bone rongeurs | *Pinzas gubias*
 Pinze sgorbie



Hohlmeißelzangen
Bone rongeurs

Pinces gouges
Pinzas gubias
Pinze sgorbie



BEYER

180 mm – 7"

tk 24615-18



RUSKIN

180 mm – 7"

tk 24616-05

tk 24616-04



MAYFIELD

175 mm – 7"

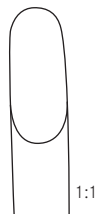
tk 24627-17

Hohlmeißelzangen
Bone rongeurs

Pinces gouges
Pinzas gubias
Pinze sgorbie



STILLE-
RUSKIN



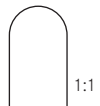
230 mm – 9"

tk 24617-23

tk 24618-23



STILLE



4 mm

6 mm

8 mm

230 mm – 9"

tk 24619-04




tk 24619-06

tk 24619-08

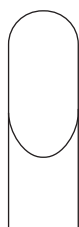

Hohlmeißelzangen
Bone rongeurs

Pinces gouges
Pinzas gubias
Pinze sgorbie



LEKSELL	 1:1	 1:1	 1:1
	4 mm	6 mm	8 mm
240 mm – 9½"	tk 24621-04	tk 24621-06	tk 24621-08



STILLE-LUER	 1:1	 1:1
220 mm – 8¾"	tk 24624-22	tk 24625-22

Hohlmeißelzangen
Bone rongeurs

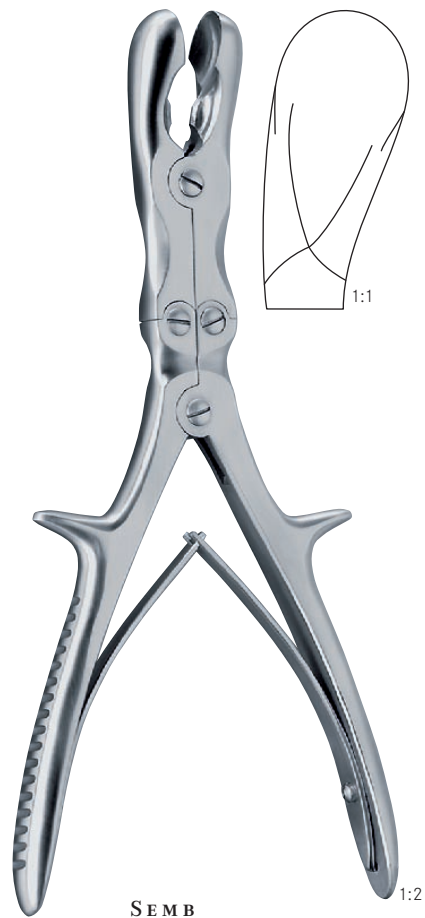
Pinces gouges
Pinzas gubias
Pinze sgorbie



**RÖTTGEN-
RUSKIN**

230 mm – 9"

tk 24629-23



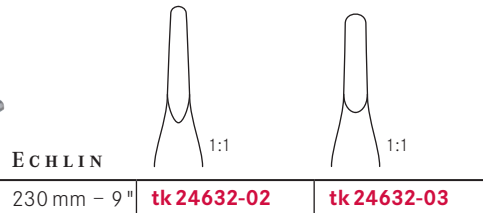
SEMB

240 mm – 9½"

tk 24630-23

Hohlmeißelzangen
Bone rongeurs

Pinces gouges
Pinzas gubias
Pinze sgorbie


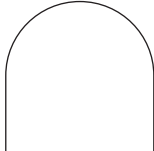


FRYKHOLM
240 mm – 9½"
tk 24634-24

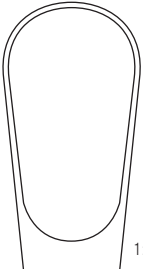
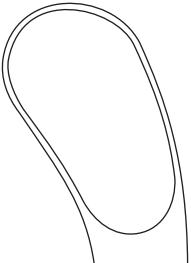
Hohlmeißelzangen
Bone rongeurs

Pinces gouges
Pinzas gubias
Pinze sgorbie



SAUERBRUCH		1:1		1:1
		Fig. 1		Fig. 2
300 mm – 12"	tk 24633-01		tk 24633-02	



LUER-STILLE		1:1		1:1
270 mm – 10¾"	tk 24646-27		tk 24647-27	

Knochensplitterzangen
Bone cutting forceps

Pinces coupantes à os
Pinzas cortantes para huesos
Cesoie per ossa



**COTTLE-
KAZANJIAN**

190 mm – 7½"

tk 24649-19



LISTON

140 mm – 5½"

tk 24650-14

tk 24651-14

170 mm – 6¾"

tk 24650-17

tk 24651-17

190 mm – 7½"

tk 24650-19

tk 24651-19

220 mm – 8¾"

tk 24650-22

tk 24651-22

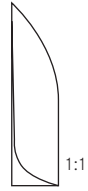
Knochensplitterzangen
Bone cutting forceps

Pinces coupantes à os
Pinzas cortantes para huesos
Cesoie per ossa



BÖHLER

150 mm – 6"



1:1



1:1

tk 24654-15

tk 24655-15



RUSKIN-
LISTON

185 mm – 7 1/4"



1:1



1:1

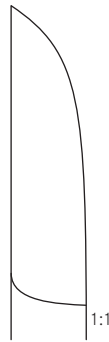
tk 24660-18

tk 24661-18



STILLE-
LISTON

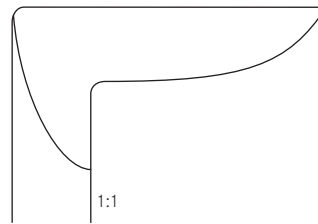
270 mm – 10 3/4"



1:1



1:1



1:1

tk 24670-27

tk 24671-27

tk 24673-27

Knochensplitterzangen
Bone cutting forceps

Pincès coupantes à os
Pinzas cortantes para huesos
Cesoie per ossa



Knochenhalteklammern – Knochenhaltezangen
 Bone holding clamps – Bone holding forceps

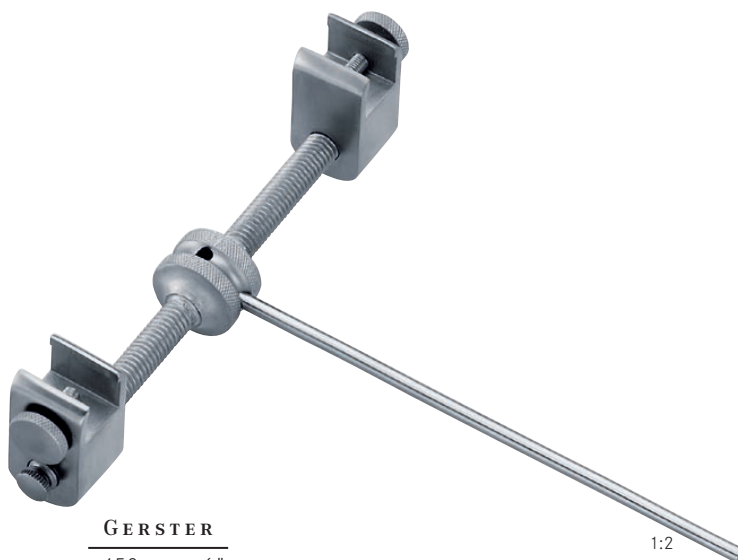
Daviers à os – Daviers porte-os
 Pinzas porta huesos – Pinzas para huesos
 Tenaglie per ossa



1:2

GERSTER-LOWMANN

180 mm – 7"	x = 28 mm	tk 24696-18
200 mm – 8"	x = 35 mm	tk 24696-20
220 mm – 8¾"	x = 40 mm	tk 24696-22



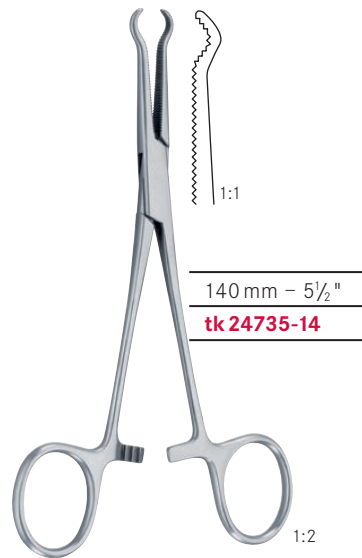
1:2

GERSTER

150 mm – 6"	tk 24698-00
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Knochenhaltezangen – Repositionszangen
Bone holding forceps – Reposition forceps

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



Knochenhalteklammern – Knochenhaltezangen
Bone holding clamps – Bone holding forceps

Daviers à os – Daviers porte-os
Pinzas porta huesos – Pinzas para huesos
 Tenaglie per ossa

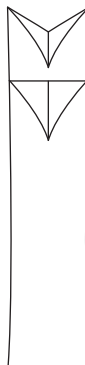


1:1

1:2

FERGUSSON

210 mm – 8¼"

tk 24700-21

1:1

1:2

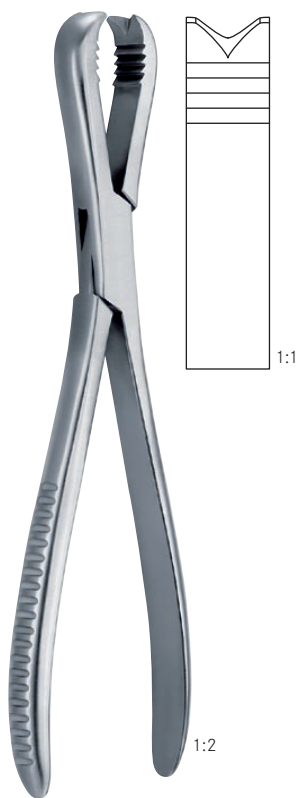
VAN BUREN

230 mm – 9"

tk 24701-23

Knochenhaltezangen
Bone holding forceps

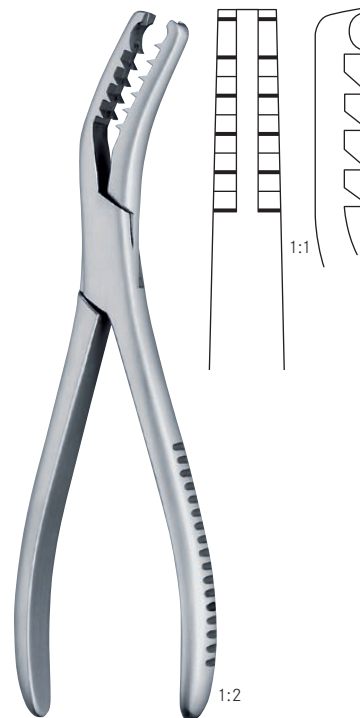
Daviers porte-os
Pinzas para huesos
Tenaglie per ossa



LANGENBECK

210 mm – 8¼"

tk 24702-21



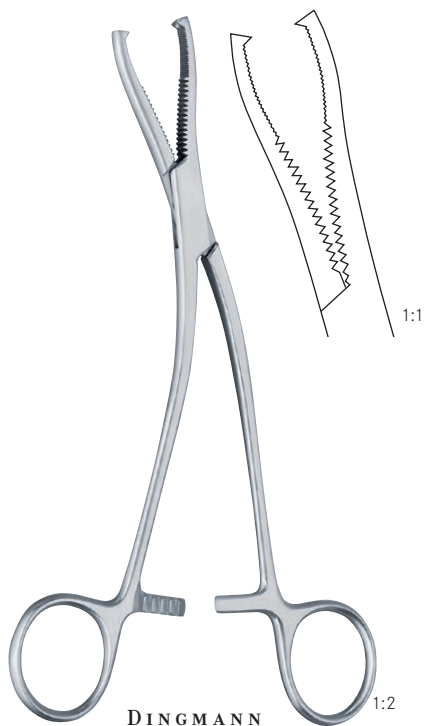
SEMB

190 mm – 7½"

tk 24704-19

Knochenhalte­zangen
Bone holding forceps

Daviers porte-os
Pinzas para huesos
Tenaglie per ossa



DINGMANN

190 mm – 7½"

tk 24705-19



200 mm – 8"

tk 24706-20

tk 24707-20

Sequesterzange

Sequestrum forceps

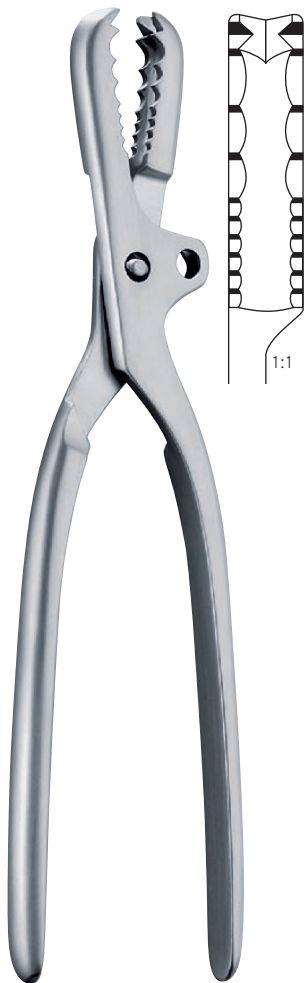
Pince pour Sequestrum

Pinza para Sequestrum

Pinza per Sequestrum

Knochenhaltezangen
Bone holding forceps

Daviers porte-os
Pinzas para huesos
Tenaglie per ossa



FARABEUF

230 mm – 9"	tk 24709-23
260 mm – 10¼"	tk 24709-26



FARABEUF-LAMBOTTE

260 mm – 10¼"	tk 24710-26
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Knochenhaltezangen
Bone holding forceps

Daviers porte-os
Pinzas para huesos
Tenaglie per ossa



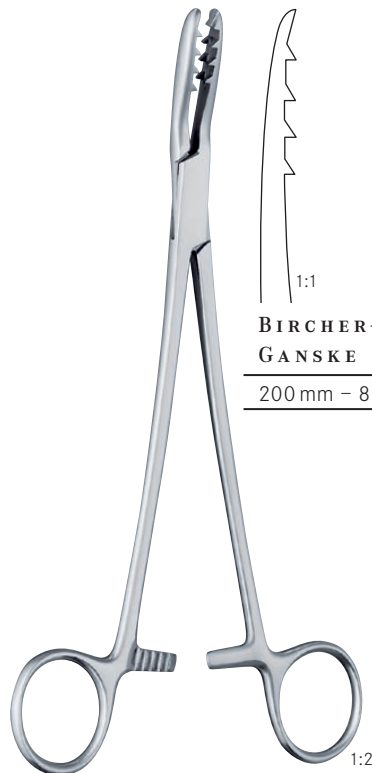
1:1

MARTIN

190 mm – 7½"

tk 24712-19

1:2



1:1

BIRCHER-
GANSKE

200 mm – 8"



1:1

tk 24713-20



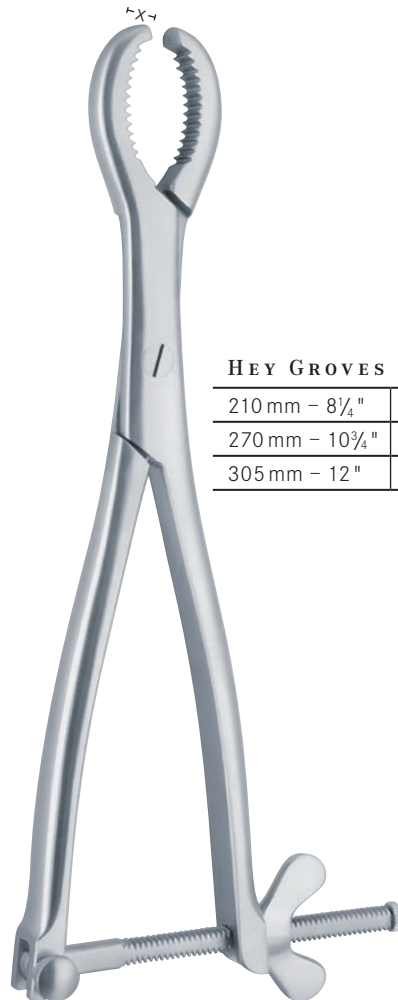
1:1

tk 24714-20

1:2

Knochenhaltezangen
Bone holding forceps

Daviers porte-os
Pinzas para huesos
Tenaglie per ossa



HEY GROVES

210 mm - 8¼"	x = 6.5 mm	tk 24724-21
270 mm - 10¾"	x = 7.5 mm	tk 24724-27
305 mm - 12"	x = 8.5 mm	tk 24724-30

Knochenhaltezangen
Bone holding forceps

Daviers porte-os
Pinzas para huesos
Tenaglie per ossa



VERBRUGGE	175 mm - 7"	250 mm - 10"	260 mm - 10¼"	270 mm - 10¾"
	x = 5.0 mm	x = 9.5 mm	x = 10.5 mm	x = 12.0 mm
	tk 24730-17	tk 24730-25	tk 24730-26	tk 24730-27

Knochenhaltezangen
Bone holding forceps

Daviers porte-os
Pinzas para huesos
Tenaglie per ossa



KERN

170 mm – 6¾"	tk 24720-17	tk 24721-17
210 mm – 8¼"	tk 24720-21	tk 24721-21

Knochenhaltezangen
Bone holding forceps

Daviers porte-os
Pinzas para huesos
Tenaglie per ossa



LANE

330 mm – 13"	tk 24722-33	tk 24723-33
450 mm – 17 ³ / ₄ "	tk 24722-45	tk 24723-45

Knochenhaltezangen
Bone holding forceps

Daviers porte-os
Pinzas para huesos
Tenaglie per ossa



LAMBOTTE

220 mm – 8¾"	tk 24732-22
270 mm – 10¾"	tk 24732-27
300 mm – 12"	tk 24732-30

ein Maulteil beweglich
one jaw mobile

un mors mobile
una boca movable
una parte del morso mobile

150 mm – 6"	x = 2.5 mm	tk 24733-15
190 mm – 7½"	x = 6.5 mm	tk 24733-00
240 mm – 9½"	x = 9.5 mm	tk 24733-01
260 mm – 10¼"	x = 10.0 mm	tk 24733-02
280 mm – 11"	x = 11.0 mm	tk 24733-03

selbstzentrierend
self-centering

auto-centreur
autocentrante
autocentrante

Knochenhaltezangen
Bone holding forceps

Daviers porte-os
Pinzas para huesos
Tenaglie per ossa



ULRICH

230 mm – 9"	tk 24736-23	tk 24737-23
250 mm – 9¾"	tk 24736-25	tk 24737-25
280 mm – 11"	tk 24736-28	tk 24737-28

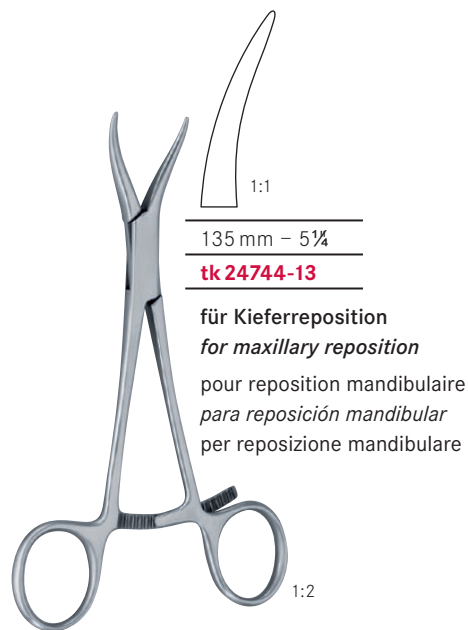
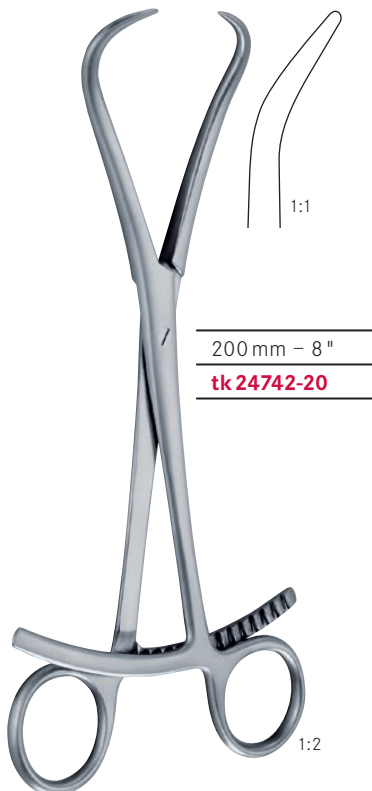
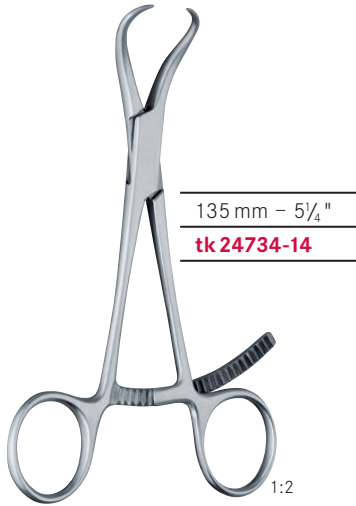
kniegebogen
angular
coudée
acodada
angolata



160 mm – 6¼"	tk 24738-16
240 mm – 9½"	tk 24738-24

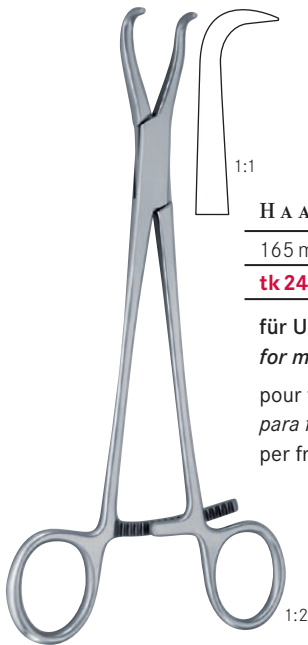
Knochenhaltezangen – Repositionszangen
Bone holding forceps – Reposition forceps

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



Repositionszangen
Reposition forceps

Pinces de reposition
Pinzas para reposición
 Pinze per riposizione



1:1

H A A S E

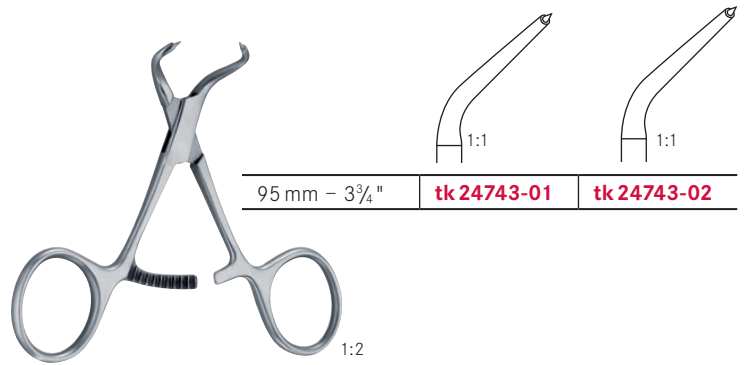
165 mm – 6½"

tk 24745-16

für Unterkieferfrakturen
for mandibular fractures

pour fractures mandibulaires
para fracturas del mandibulo
 per fratture mandibulare

1:2



1:1

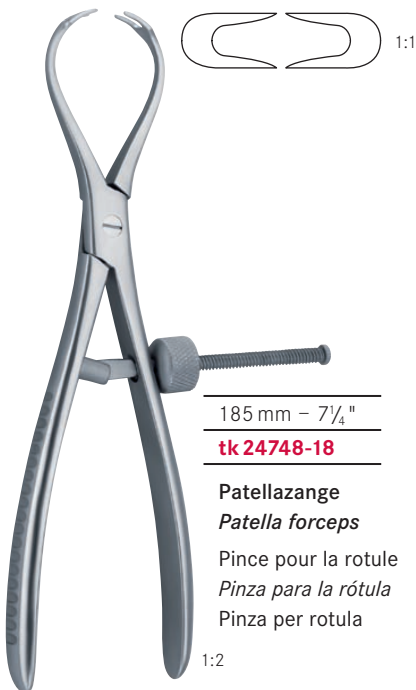
1:1

95 mm – 3¾"

tk 24743-01

tk 24743-02

1:2



1:1

185 mm – 7¼"

tk 24748-18

Patellazange
Patella forceps

Pince pour la rotule
Pinza para la rótula
 Pinza per rotula

1:2



1:1

210 mm – 8¼"

tk 24749-21

Knöchelfasszange
Malleolar forceps

Pince pour le malléole
Pinza para el maleolo
 Pinza per malleolo

1:2

Draht-Instrumentarium
Wire instruments

Instrumente pour cerclage
Instrumental para cerclaje
Strumenti per filo di cerchiaggio



DEMEL	280 mm – 11 "
x = 32 mm	tk 38517-01
x = 45 mm	tk 38517-02
x = 62 mm	tk 38517-03



DEMEL	280 mm – 11 "
	tk 38518-28

Draht-Instrumentarium
Wire instruments

Instruments pour cerclage
Instrumental para cerclaje
Strumenti per filo di cerchiaggio



LOUTE

210 mm – 8 1/4"

tk 38520-21

1:2



130 mm – 5"

tk 38532-13

1:2



0.2 mm Ø	tk 38550-02
0.3 mm Ø	tk 38550-03
0.4 mm Ø	tk 38550-04
0.5 mm Ø	tk 38550-05
0.6 mm Ø	tk 38550-06
0.7 mm Ø	tk 38550-07
0.8 mm Ø	tk 38550-08
0.9 mm Ø	tk 38550-09
1.0 mm Ø	tk 38550-10
1.2 mm Ø	tk 38550-12
1.5 mm Ø	tk 38550-15

Knochendraht, weich, in Ringen à 10 m
Bone wire, soft, in coils of 10 m

Fil de cerclage, souple, de 10 m
Alambre de cerclaje, blando, de 10 m
Filo per ossa, morbida, anelli da 10 m



0.8 mm Ø x 280 mm	tk 38552-08
1.0 mm Ø x 280 mm	tk 38552-10
1.2 mm Ø x 280 mm	tk 38552-12
1.0 mm Ø x 600 mm	tk 38553-10
1.2 mm Ø x 600 mm	tk 38553-12

Knochendraht mit Auge, weich, Packung à 10 Stück
Bone wire with eye, soft, package of 10 pieces

Fil de cerclage, souple, paquet de 10 pièces
Alambre de cerclaje, blando, paquete de 10 piezas
Filo per ossa con ansa, morbida, pacchetto di 10 pezzi

Drahtschneidezangen
Wire cutting forceps

Pinces coupantes
Alicates para cortar alambre
Pinze taglia filo

TUCARTK



220 mm – 8³/₄"

tk 38561-22 tucart

für harte Drähte bis 2.2 mm Ø, für weiche Drähte bis 3 mm Ø
for hard wires up to 2.2 mm Ø, for soft wires up to 3 mm Ø

pour fils durs à diam. 2.2 mm Ø, pour fils souples à 3 mm Ø
para alambres duros hasta 2.2 mm Ø, y alambres blandos de 3 mm Ø
per fili duri fina 2.2 mm Ø, per fili morbidi fino a 3 mm Ø



220 mm – 8³/₄"

tk 38554-22 tucart

für harte Drähte bis 2.2 mm Ø, für weiche Drähte bis 2.8 mm Ø
for hard wires up to 2.2 mm Ø, for soft wires up to 2.8 mm Ø

pour fils durs à 2.2 mm Ø, pour fils souples à 2.8 mm Ø
para alambres duros hasta 2.2 mm Ø, y alambres blandos de 2.8 mm Ø
per fili duri fina 2.2 mm Ø, per fili morbidi fino a 2.8 mm Ø



230 mm – 9"

tk 38554-23 tucart

für harte Drähte bis 2.2 mm Ø, für weiche Drähte bis 3 mm Ø
for hard wires up to 2.2 mm Ø, for soft wires up to 3 mm Ø

pour fils durs à 2.2 mm Ø, pour fils souples à 3 mm Ø
para alambres duros hasta 2.2 mm Ø, y alambres blandos de 3 mm Ø
per fili duri fina 2.2 mm Ø, per fili morbidi fino a 3 mm Ø

Drahtschneidezangen
Wire cutting forceps

Pinces coupantes
Alicates para cortar alambre
Pinze taglia filo



180 mm – 7"

tk38555-18 tucarc

für harte Drähte bis 1.5 mm Ø, für weiche Drähte bis 2 mm Ø
for hard wires up to 1.5 mm Ø, for soft wires up to 2 mm Ø
pour fils durs à 1.5 mm Ø, pour fils souples à 2 mm Ø
para alambres duros hasta 1.5 mm Ø, y alambres blandos de 2 mm Ø
per fili duri fina 1.5 mm Ø, per fili morbidi fino a 2 mm Ø



180 mm – 7"

tk38557-18 tucarc

für harte Drähte bis 1.7 mm Ø, für weiche Drähte bis 2 mm Ø
for hard wires up to 1.7 mm Ø, for soft wires up to 2 mm Ø
pour fils durs à 1.7 mm Ø, pour fils souples à 2 mm Ø
para alambres duros hasta 1.7 mm Ø, y alambres blandos de 2 mm Ø
per fili fina 1.7 mm Ø, per fili morbidi fino a 2 mm Ø



150 mm – 6"

tk38556-15 tucarc

für harte Drähte bis 1 mm Ø, für weiche Drähte bis 1.5 mm Ø
for hard wires up to 1 mm Ø, for soft wires up to 1.5 mm Ø
pour fils durs à 1 mm Ø, pour fils souples à 1.5 mm Ø
para alambres duros hasta 1 mm Ø, y alambres blandos de 1.5 mm Ø
per fili duri fina 1 mm Ø, per fili morbidi fino a 1.5 mm Ø



145 mm – 5¾"

tk38561-14 tucarc

für harte Drähte bis 1 mm Ø
for hard wires up to 1 mm Ø
pour fils durs à 1 mm Ø
para alambres duros hasta 1 mm Ø
per fili duri fino a 1 mm Ø

Drahtschneidezangen
Wire cutting forceps

Pinces coupantes
Alicates para cortar alambre
Pinze taglia filo



570 mm – 22½" | **tk 38558-57**

für Kirschner Drähte und Steinmann Nägel bis 6 mm Ø
for Kirschner wires and Steinmann pins up to 6 mm Ø
pour des broches Kirschner et clous Steinmann à 6 mm Ø
para agujas de Kirschner y clavos de Steinmann hasta 6 mm Ø
per fili Kirschner e chiodi Steinmann fino a 6 mm Ø

1:3

Drahtschneidezangen
Wire cutting forceps

Pinces coupantes
Alicates para cortar alambre
Pinze taglia filo



185 cm – 7¼" | **tk38560-04**

Kopfschneider, durchbohrt für harte Drähte bis 1.6 mm Ø
Wire cutting forceps for hard wires up to 1.6 mm Ø

Pince coupante pour fils durs à 1.6 mm Ø
Alicate para alambres duros hasta 1.6 mm Ø
Pinza taglia fili per fili duri fino a 1.6 mm Ø



260 mm – 10¼" | **tk38560-26 tucar**

für harte Drähte bis 3 mm Ø
for hard wires up to 3 mm Ø
pour fils durs à 3 mm Ø
para alambres duros hasta 3 mm Ø
per fili duri fino a 3 mm Ø

TUCAR

Technische Zangen
Technical forceps

Pincas técnicas
Pinzas técnicas
Pinze tecniche



130 mm – 5"	tk 38562-13
180 mm – 7"	tk 38562-18



140 mm – 5½"	tk 38563-14
170 mm – 6¾"	tk 38563-17

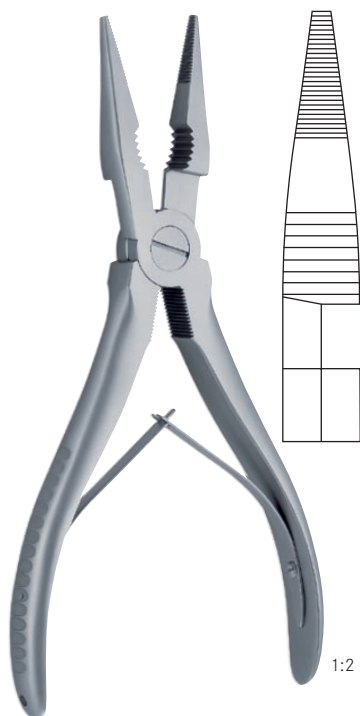


	180 mm – 7"	180 mm – 7"
x = 5 mm	tk 38564-05	tk 38571-05 tucar
x = 7 mm	tk 38564-07	tk 38571-07 tucar

TUCAR

Technische Zangen
 Technical forceps

Pinces techniques
 Pinzas tecnicas
 Pinze tecniche



170 mm – 6¾" 1:2

tk38565-17



220 mm – 8¾" 1:2

tk38565-22 tucar

Grip-Zange, kombiniert mit TC-Schneider
 Grip forceps, combined with TC-Cutter

Pince grip, avec partie coupante TC
 Pinza grip, con parte cortante TC
 Pinza grip, con morso tagliente a TC



190 mm – 7½" 1:2

tk38565-19

Technische Zange, verstellbar
 Technical forceps, adjustable

Pince technique, ajustable
 Pinza tecnica, ajustable
 Pinza tecnica, regolabile

Technische Zangen
Technical forceps

Pincés técnicas
Pinzas técnicas
Pinze tecniche



185 mm – 7¼" | **tk 38569-17**

Drahtbiegezange
Wire bending forceps
Pince à couder
Pinza para torcer
Pinza per piegare



185 mm – 7¼" | **tk 38569-01**

Flachzange mit Seitenschneider, parallelfassend, für harte Drähte bis 1.6 mm Ø
Flat nose plier, parallel grip, incorporated cutter, for hard wires up to 1.6 mm Ø
Pince à couder avec coupe latéral, pour des fils durs à de 1.6 mm Ø
Pinza para torcer con corte lateral, para alambres hasta 1.6 mm Ø
Pinza, morso piatto parallelo e taglia fili laterale fino a 1.6 mm Ø

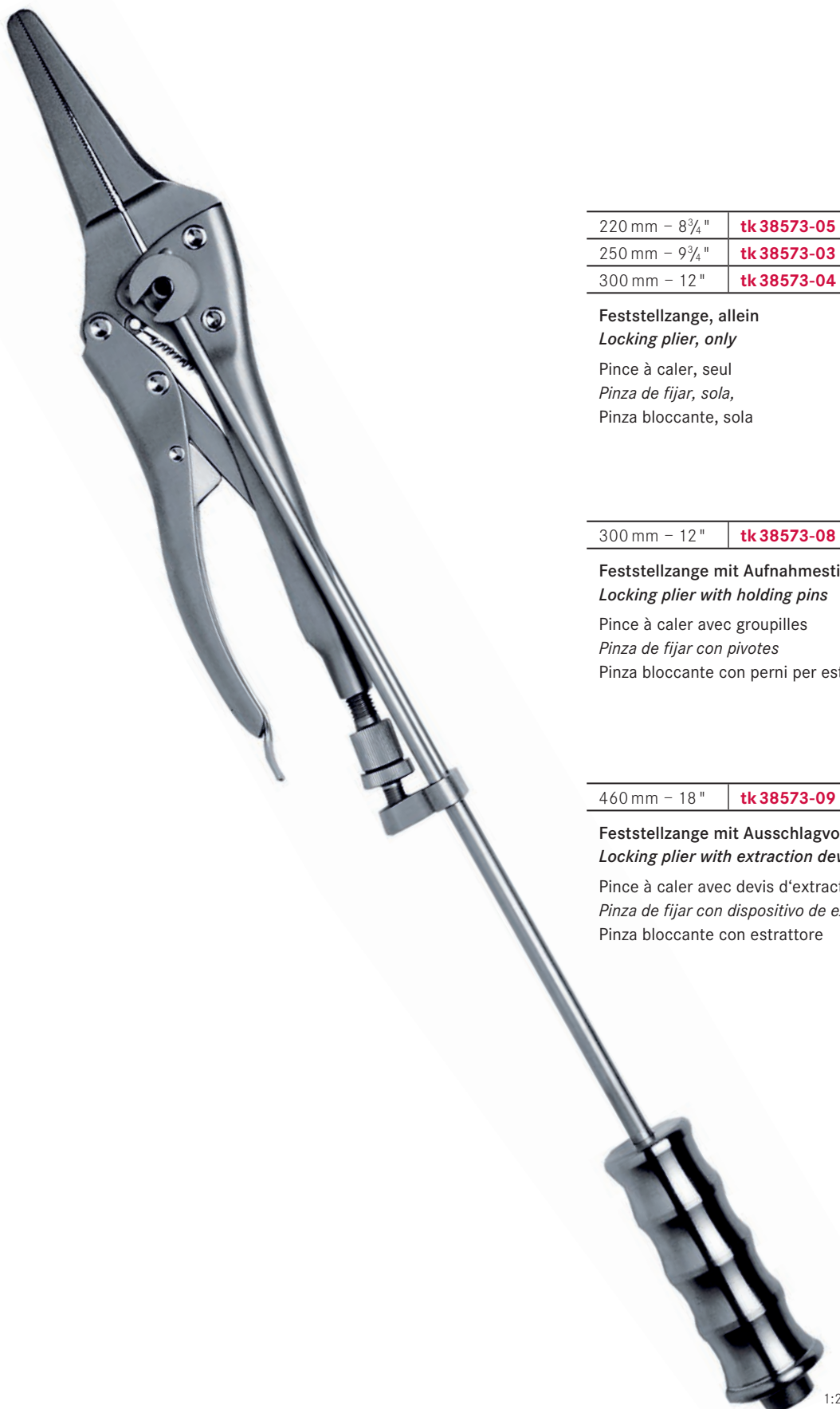


180 mm – 7" | **tk 38573-18**
200 mm – 8" | **tk 38573-20**
240 mm – 9½" | **tk 38573-24**

Feststellzange
Locking plier
Pince à caler
Pinza de fijar
Pinza bloccante

Technische Zangen
Technical forceps

Pinces techniques
Pinzas tecnicas
 Pinze tecniche



220 mm – 8 $\frac{3}{4}$ "	tk 38573-05
250 mm – 9 $\frac{3}{4}$ "	tk 38573-03
300 mm – 12"	tk 38573-04

Feststellzange, allein
Locking plier, only

Pince à caler, seul
Pinza de fijar, sola,
 Pinza bloccante, sola

300 mm – 12"	tk 38573-08
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Feststellzange mit Aufnahmestift
Locking plier with holding pins

Pince à caler avec groupilles
Pinza de fijar con pivotes
 Pinza bloccante con perni per estrattore

460 mm – 18"	tk 38573-09
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Feststellzange mit Ausschlagvorrichtung
Locking plier with extraction device

Pince à caler avec devis d'extraction
Pinza de fijar con dispositivo de extracción
 Pinza bloccante con estrattore

1:2

Technische Zangen
Technical forceps

Pincés técnicas
Pinzas técnicas
Pinze tecniche



200 mm – 8" | **tk 38573-01**

Plattenbiegezange für Knochenplatten bis 2.7 mm Stärke
Plate bending plier for plates up to 2.7 mm

Pince à couder pour des plaques de 2.7 mm
Pinza para torcer, placas hasta 2.7 mm
Pinza piega placche fino a 2.7 mm

240 mm – 9½" | **tk 38573-02**

Plattenbiegezange für Knochenplatten bis 4 mm Stärke
Plate bending plier for plates up to 4 mm

Pince à conder pour des plaques de 4 mm
Pinza para torcer, para placas hasta 4 mm
Pinza piega placche fino a 4 mm



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Extensionsbügel
Extension bows

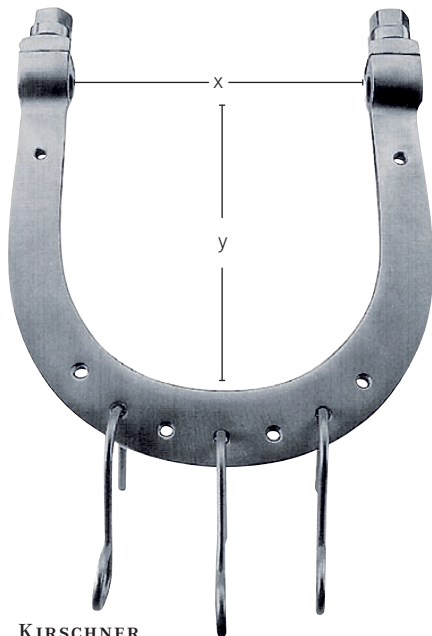
Etriers pour extension
Estribos para extensión
Archi per estensione



tk 38583-18 | 180 mm – 7"

Spannschlüssel für Kirschner Drähte
Wire strainer for Kirschner wires

Tendeur pour fils de Kirschner
Tensor para agujas de Kirschner
Chiave per estensione di fili Kirschner



KIRSCHNER

x = 95 mm	y = 70 mm	tk 38580-01
x = 100 mm	y = 100 mm	tk 38580-02
x = 120 mm	y = 120 mm	tk 38580-03
x = 155 mm	y = 155 mm	tk 38580-04
x = 200 mm	y = 155 mm	tk 38580-05

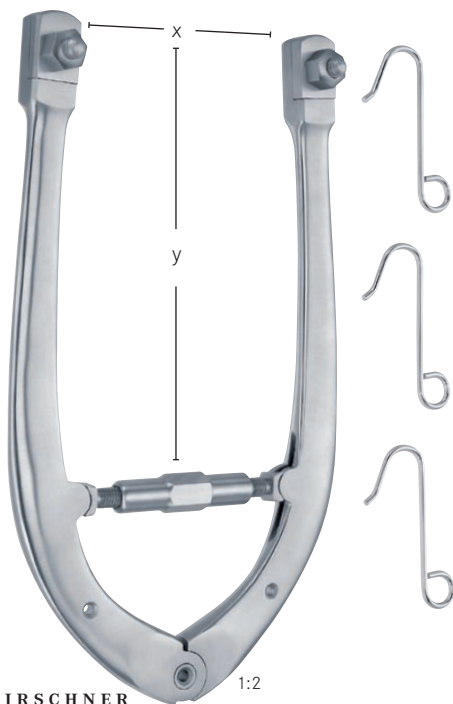
mit 3 Zughaken
with 3 traction hooks
avec 3 crochets d'attelage
con 3 ganchos de tracción
con 3 ganci di trazione



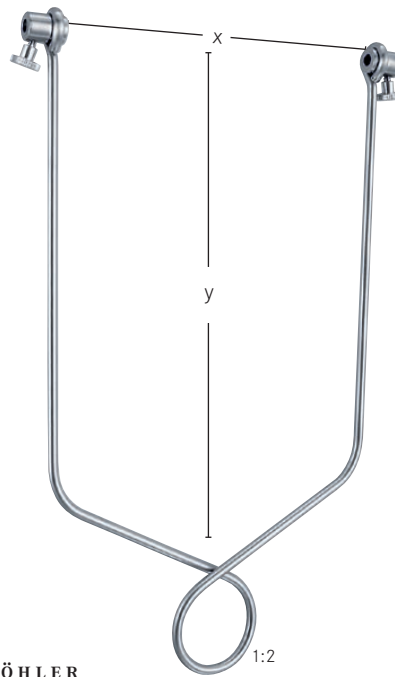
KIRSCHNER

x = 130 mm	tk 38581-01
x = 185 mm	tk 38581-02
x = 220 mm	tk 38581-03

mit 3 Zughaken
with 3 traction hooks
avec 3 crochets d'attelage
con 3 ganchos de tracción
con 3 ganci di trazione

Extensionsbügel
Extension bows
Etriers pour extension
Estribos para extensión
Archi per estensione

KIRSCHNER 1:2

x = 180 mm	y = 100 mm	tk 38582-01
x = 270 mm	y = 160 mm	tk 38582-02

mit 3 Zughaken
with 3 traction hooks
avec 3 crochets d'attelage
con 3 ganchos de tracción
con 3 ganci di trazione

BÖHLER 1:2

x = 75 mm	y = 90 mm	tk 38596-75
x = 90 mm	y = 160 mm	tk 38597-90
x = 110 mm	y = 210 mm	tk 38598-11
x = 150 mm	y = 210 mm	tk 38598-21



1:2

	14 mm / 17 mm
190 mm – 7½"	tk 38584-19

Gabelschlüssel
Wrench
Clé de serrage
Llave de tuercas
Chiave per madreviti

Amputationsretraktor – Komprimeter
Amputation retractor – Comprimeter

Rétracteur pour amputation – Comprimètre
Retractor para amputación – Comprimetro
 Retrattore per amputazione – Comprimetro



PERCY

tk38599-00

1:3

Griffe abnehmbar, einfaches Modell
Handles detachable, simple pattern
 Manches à détacher, modèle simple
Mango desmontable, modelo simple
 Manici demontabili, modello semplice

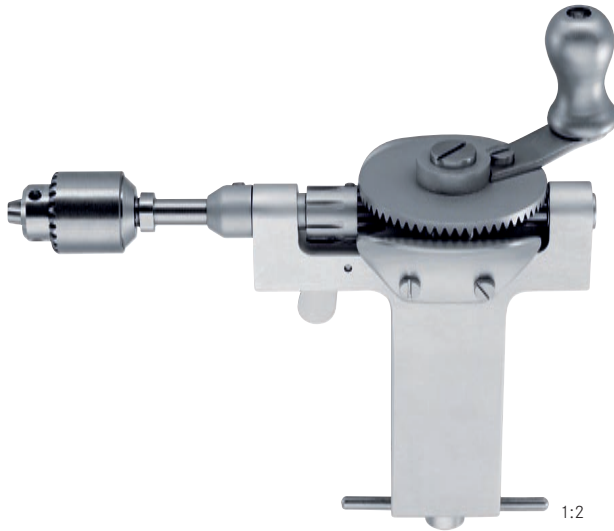


tk4720-00

Komprimeter, bestehend aus Arm- und Oberschenkelmanschette,
 Manometer justiert bis 700 mm Hg und Metallpumpe
*Comprimeter, consisting of arm and upper thigh cuff,
 manometer calibrated up to 700 mm Hg, with metal pump*
 Comprimètre se composant du brassard pour bras et cuisse,
 manomètre calibré jusqu'à 700 mm Hg, avec pompe métallique
*Comprimetro, se compuesto de brazalete para brazo y muslo,
 manómetro calibrado hasta 700 mm Hg, con bomba metálica*
 Comprimetro, composto da torniquete, due bracciali e pompa d'aria
 e manometro graduato fino a 700 mm Hg

Handbohrapparate
Hand drills

Perforateurs à main
Perforadores de mano
Perforatori a mano



BUNELL

160 mm – 6¼" **tk 24860-00**

Öffnung bis 4 mm Ø
Opening up to 4 mm Ø

Ouverture jusqu'à 4 mm Ø
Apertura hasta 4 mm Ø
Apertura fino à 4 mm Ø

Leichtmetallgehäuse
Light metal housing

Carcasse en métal léger
Carcasa en metal ligero
In scatola di alluminio

Längsdurchbohrt
Longitudinally cannulated

À perforation axiale
Taladrado longitudinalmente
Forato longitudinalmente

tk 24860-01

Ersatzschlüssel für tk 24860-00
Spare key for tk 24860-00

Clé de réchange pour tk 24860-00
Llave de recambio para tk 24860-00
Chiave di ricambio per tk 24860-00



RALK

160 mm – 6¼" **tk 24862-00**

Öffnung bis 6,35 mm Ø
Opening up to 6.35 mm Ø

Ouverture jusqu'à 6.35 mm Ø
Apertura hasta 6.35 mm Ø
Apertura fino à 6.35 mm Ø

Leichtmetallgehäuse
Light metal housing

Carcasse en métal léger
Carcasa en metal ligero
In scatola di alluminio

Längsdurchbohrt
Longitudinally cannulated

À perforation axiale
Taladrado longitudinalmente
Forato longitudinalmente

Handbohrapparate
Hand drills

Perforateurs à main
Perforadores de mano
Perforatori a mano



STILLE

200mm – 8"

tk 24855-00

komplett mit 9 Bohrern (Fig. 1 – Fig. 9)
complete with 9 twist drills (Fig. 1 – Fig. 9)

complet avec 9 mèches (Fig. 1 – Fig. 9)
completa con 9 fresas (Fig. 1 – Fig. 9)
completa con 9 frese (Fig. 1 – Fig. 9)

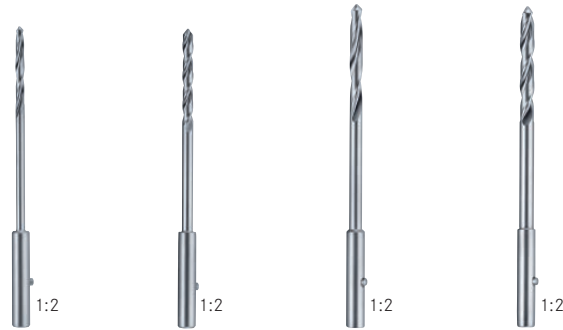


Fig. 1	Fig. 2	Fig. 3	Fig. 4
2.5 mm Ø	3.0 mm Ø	3.5 mm Ø	4.0 mm Ø
tk 24855-01	tk 24855-02	tk 24855-03	tk 24855-04



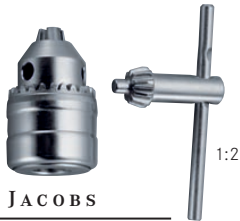
Fig. 7	Fig. 8	Fig. 9
8.0 mm Ø	12.0 mm Ø	16.0 mm Ø
tk 24855-07	tk 24855-08	tk 24855-09



Fig. 10	Fig. 11	Fig. 12
1.0 mm Ø	1.5 mm Ø	2.0 mm Ø
tk 24855-10	tk 24855-11	tk 24855-12

Handbohrapparate
Hand drills

Perforateurs à main
Perforadores de mano
Perforatori a mano



JACOBS

280 mm – 11 "

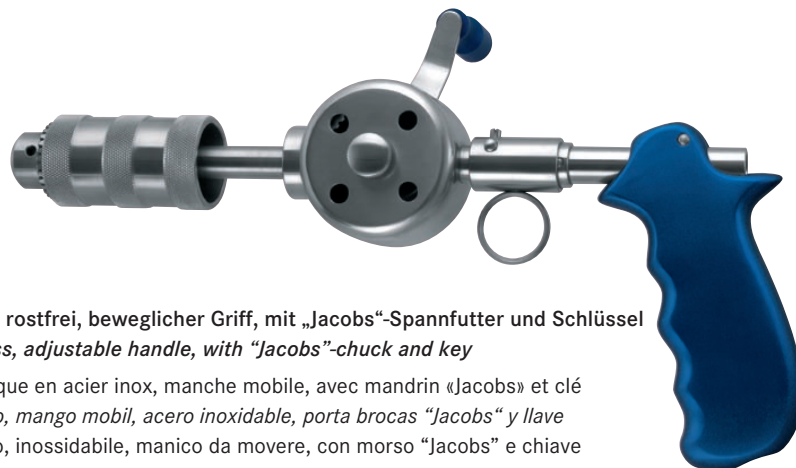
tk 24864-06

Öffnung bis 6,35 mm Ø
Opening up to 6.35 mm Ø
Ouverture jusqu'à 6.35 mm Ø
Apertura hasta 6.35 mm Ø
Apertura fino à 6.35 mm Ø



tk 24859-06

Öffnung bis 6,35 mm Ø
Opening up to 6.35 mm Ø
Ouverture jusqu'à 6.35 mm Ø
Apertura hasta 6.35 mm Ø
Apertura fino à 6.35 mm Ø



280 mm – 11 "

tk 24863-00

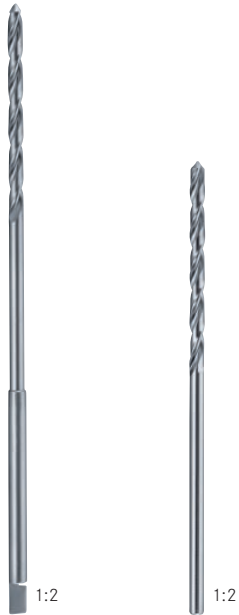
Handbohrapparat, rostfrei, beweglicher Griff, mit „Jacobs“-Spannfutter und Schlüssel
Hand drill, stainless, adjustable handle, with "Jacobs"-chuck and key

Perceuse mécanique en acier inox, manche mobile, avec mandrin «Jacobs» et clé
Taladradora a mano, mango mobil, acero inoxidable, porta brocas "Jacobs" y llave
Perforatore a mano, inossidabile, manico da muovere, con morso "Jacobs" e chiave

1:3

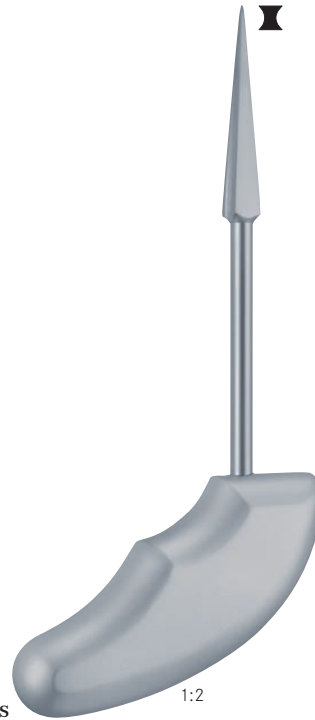
Spiralbohrer – Pfrieme
Twist drills – Reamers

Mêches – Alênes
Taladros espirales – Escariadores
Punte a spirale – Perforatori a mano

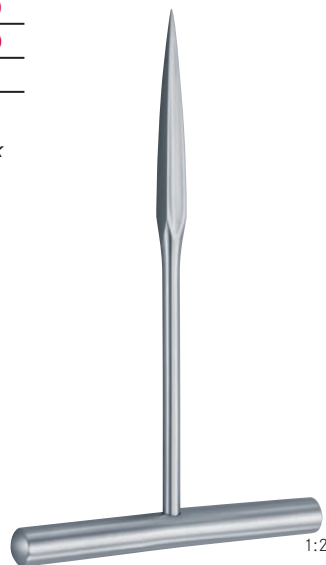


1.0 mm Ø		tk 24885-10
1.5 mm Ø		tk 24885-15
2.0 mm Ø	tk 24880-20	tk 24885-20
2.5 mm Ø	tk 24880-25	tk 24885-25
2.8 mm Ø		tk 24885-28
3.0 mm Ø	tk 24880-30	tk 24885-30
3.2 mm Ø	tk 24880-32	tk 24885-32
3.5 mm Ø	tk 24880-35	tk 24885-35
4.0 mm Ø	tk 24880-40	tk 24885-40
5.0 mm Ø	tk 24880-50	tk 24885-50
6.0 mm Ø	tk 24880-60	tk 24885-60
7.0 mm Ø	tk 24880-70	tk 24885-70

AO Schaft	Rundschaft
AO shank	Round shank
Raccord AO	Tige ronde
Connector AO	Tija redonda
Attacco AO	Asta rotondo



PERTHES	
180 mm – 7"	tk 24899-18
210 mm – 8 1/4"	tk 24899-21



140 mm – 5 1/2"
tk 24864-14



140 mm – 5 1/2"
tk 24898-14

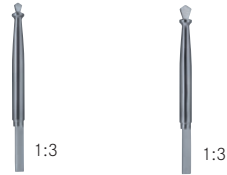


Mikro- und Neurochirurgie
Micro- and neuro surgery

Chirurgie micro et neuro
Cirugía micro y neuro
Micro- e Neuro-Chirurgia

Schädelhalter
Cervical traction tongs

Pinces de traction crânienne
Pinzas de traccion cranial
Pinze per trazione craniale



	3.5 mm Ø	5.0 mm Ø
tk 24901-02	x	x



Satz à 2 Stück für tk 24900-00 und tk 24901-00
Set of 2 pieces for tk 24900-00 and tk 24901-00

Jeu à 2 pièces pour tk 24900-00 et pour tk 24901-00
Juego con 2 piezas para tk 24900-00 y para tk 24901-00
Completo con 2 pezzi per tk 24900-00 e per tk 24901-00



tk 24903-01

grosses Modell, für Extension der Halswirbel – kein Vorbohren erforderlich – Dorne verstellbar

large type, cervical traction tongs – pins adjustable no drilling to be done

modèle large, distracteur cervicale – poinçons ajustables pas de perçage nécessaire

modelo grande, distractor cervical – espigas ajustables sin necesidad de trepanar

modello grande, distrattore cervicale, pin ajustabili, non necessita di perforare, regolabili

Ersatzdorn für tk 24903-00
Spare pin for tk 24903-00

Goupille de rechange pour tk 24903-00
Pivote de cambio para tk 24903-00
Punta di ricambio tk 24903-00



tk 38584-19

Gabelschlüssel, doppelendig zu tk 24903-00
Wrench, double-ended for tk 24903-00

Clé de fixation, pour tk 24903-00
Llave de tuercas, para tk 24903-00
Chiave per tk 24903-00

Handbohrapparate
Hand drills

Perforateurs à main
Perforadores a mano
Perforatori a mano



HUDSON

270 mm – 10 $\frac{3}{4}$ " **tk 24850-00**

komplett mit 4 Bohrern (Fig. 1 – Fig. 4) und Verlängerungsstück
complete with 4 twist drills (Fig. 1 – Fig. 4) and extension piece
complet avec 4 mèches (Fig. 1 – Fig. 4) et pièce d'extension
completa con 4 fresas (Fig. 1 – Fig. 4) y pieza de prolongación
completo con 4 frese (Fig. 1 – Fig. 4) e pezzo di prolungazione



tk 24851-00

Verlängerungsstück
Extension piece
Pièce d'extension
Pieza de prolongación
Pezzo di prolungazione



Fig. 1

9 mm Ø

tk 24851-01



Fig. 2

14 mm Ø

tk 24851-02



Fig. 3

16 mm Ø

tk 24851-03



Fig. 4

22 mm Ø

tk 24851-04



CUSHING

14 mm Ø

tk 24854-05



MCKENZIE

13 mm Ø

tk 24854-09

Instrumente zur Schädelöffnung
Instruments for cranial opening

Instrumentos para l'apertura del crâne
Strumenti per l'apertura del cranio



1:2

DE MARTEL

330 mm - 13"

tk 24912-33



1:2

ADSON

150 mm - 6"

tk 24907-15

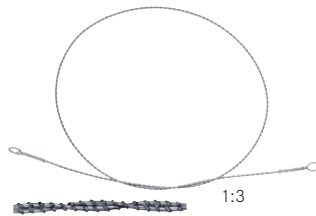


1:2

DE VILBISS

210 mm - 8 1/4"

tk 24909-21



1:3

OLIVECRONA

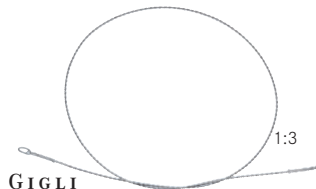
300 mm - 12" **tk 24915-30**

400 mm - 16" **tk 24915-40**

500 mm - 20" **tk 24915-50**

600 mm - 23 1/2" **tk 24915-60**

700 mm - 27 1/2" **tk 24915-70**



1:3

GIGLI

300 mm - 12" **tk 24917-30**

400 mm - 16" **tk 24917-40**

500 mm - 20" **tk 24917-50**

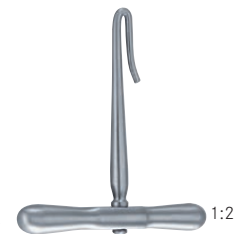
6-teilig

6 wires twisted

6 fils tordus

6 alambres torcidos

6 fili attorcigliati



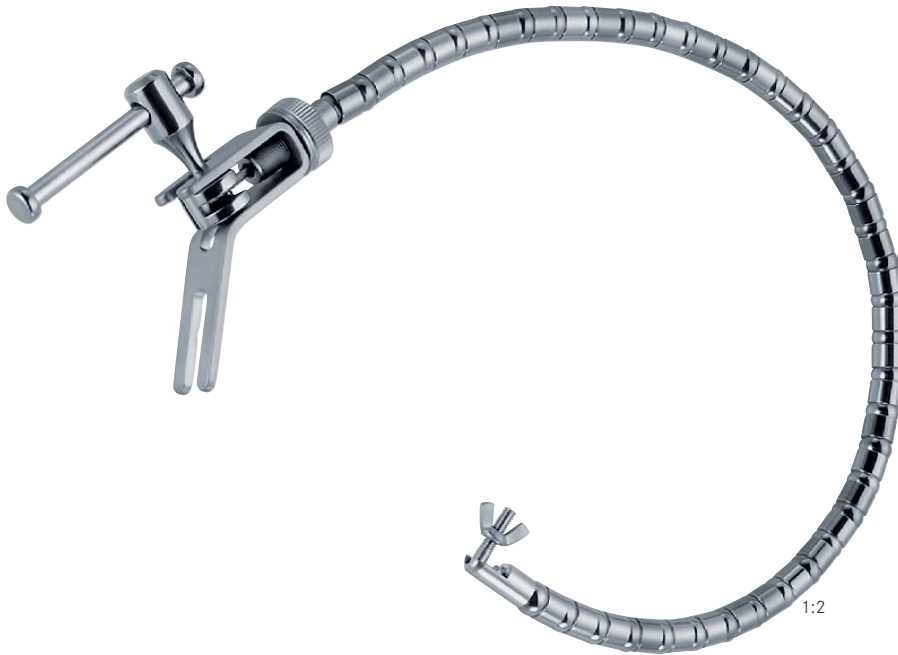
1:2

GIGLI

tk 24916-00

Selbsthaltender Hirnretraktor
Self-retaining brain retractor

Retracteur cérébrale autostatique
Separador cerebral autostatico
Retratore celebrale autostatico



tk 24920-00

Selbsthaltender Hirnretraktor, flexibel mit 1 Spannarm, komplett, bestehend aus: Fixierungsvorrichtung für 1 Spannarm, Spannarm und Spatelhalter für flache Spatel

Brain retractor self-retaining, with 1 flexible arm, complete, consisting of: fixation base for 1 flexible arm, flexible arm only, support for flat brain spatulas

Retracteur cérébrale autostatique, flexible avec 1 tendeur, complét avec support pour 1 tendeur, tendeur et porte-spatule pour spatules plates

Separador cerebral autostatico, 1 brazo flejible con soporte, completo con brazo y soporte para spatulas llanas

Retratore celebrale autostatico, flessibile Completo, contente: supporto di fissaggio per un braccio, 1 braccio flessibile con supporto di fissaggio per spatole piatte

tk 24922-00

Selbsthaltender Hirnretraktor, flexibel mit 2 Spannarmen, komplett, bestehend aus: Fixierungsvorrichtung für 2 Spannarme, 2 Spannarme und 2 Spatelhalter für flache Spatel

Brain retractor self-retaining, with 2 flexible arms, complete, consisting of: fixation base for 2 flexible arms, 2 flexible arms, 2 supports for flat brain spatulas

Retracteur cérébrale autostatique, flexible avec 2 tendeurs, complét avec supports pour 2 tendeurs, 2 tendeurs et 2 portes-spatule pour spatules plates

Separador cerebral autostatico, 2 brazos flejibles con soporte, completo con brazos y soporte para 2 spatulas llanas

Retratore celebrale autostatico, flessibile con 2 bracci completi, contiene: supporto di fissaggio per bracci per 2 spatole piatte

Selbsthaltender Hirnretraktor
Self-retaining brain retractor

Retracteur cérébrale autostatique
Separador cerebral autostatico
Retratore celebrale autostatico



tk 24922-02

Fixierungsvorrichtung allein, für 2 Spannarme
Fixation base only, holding 2 flexible arms

Support seul pour 2 tendeurs
Soporte solo para 2 brazos de separador
Supporto di fissaggio per 2 bracci, solo

tk 24920-02

Fixierungsvorrichtung allein, für 1 Spannarm
Fixation base only, holding 1 flexible arm

Support seul pour 1 tendeur
Soporte solo para 1 brazo de separador
Supporto di fissaggio per 1 braccio, solo

tk 24925-02

Spatelhalter allein, für Flachspatel
Support only, for flat brain spatulas

Porte-spatule seul, pour spatules plates
Soporte solo, para spatulas planos
Supporto solo, per fissaggio di spatole piatte

tk 24925-01

Spatelhalter allein, für Spatel mit Rundschaft
von 4 mm und 5 mm Ø, zum Befestigen am Spannarm
*Support only, for brain spatulas with round shaft
of 4 mm and 5 mm Ø to fix on the flexible arm*

Porte-spatule seul pour la fixation des spatules
de 4 mm et 5 mm Ø diam
*Soporte solo para la fijación de spatulas
de 4 mm y 5 mm Ø al brazo*
Supporto solo per spatole con asta tonda
di Ø 4 mm e 5 mm

tk 24926-00

Spannarm allein – zum Aufstecken auf Kupplungsköpfe
und Fixierungsvorrichtungen

*Flexible arm only – for attaching coupling heads and
for fixation bases*

Tendeur flexible seul – pour le montage sur supports
et accouplements

Brazo flexible solo para montar sobre soportes

Braccio flessibile solo – per il montaggio sul supporto
di fissaggio

Hirnspatel
Brain spatulas

Spatules cérébrales
Espátulas cerebrales
Spatole cerebrali



1:2

CUSHING

	180 mm – 7"
7 mm x 9 mm	tk 25240-07
11 mm x 13 mm	tk 25240-11
15 mm x 18 mm	tk 25240-15
18 mm x 22 mm	tk 25240-18



1:2

OLIVECRONA

	180 mm – 7"	180 mm – 7"
7 mm x 9 mm	tk 25246-07	tk 25245-07
11 mm x 13 mm	tk 25246-11	tk 25245-11
15 mm x 18 mm	tk 25246-15	tk 25245-15
18 mm x 22 mm	tk 25246-18	tk 25245-18

konvex
convex
convexe
convexa
convessa

konkav
concave
concave
cóncava
concava



1:2

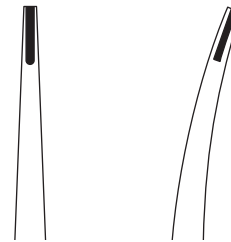
HEIFETZ

	200 mm – 8"
x = 8 mm	tk 25249-08
x = 11 mm	tk 25249-11
x = 14 mm	tk 25249-14
x = 17 mm	tk 25249-17
x = 20 mm	tk 25249-20

biegsam
malleable
malléable
maleable
flessibile

McKenzie Instrumentarium
McKenzie instruments

McKenzie instruments
Instrumentos McKenzie
Strumenti McKenzie



MCKENZIE

150 mm – 6"	tk 25020-15	tk 25021-15
190 mm – 7½"	tk 25020-19	tk 25021-19

Zangen zum Anlegen der Klammern
Clip applying forceps

Pinces pour poser des agrafes
Pinzas para poner grapas
Pinze per mettere leagraffes



1:2

MCKENZIE

148 mm x 40 mm x 6 mm – 5¾" x 1½" x ½"	tk 25001-00
--	-------------

Klammerblock für 20 Klammern
Brain clip-rack for 20 clips

Porte-agrafes pour 20 agrafes
Porta-grapas para 20 grapas
Supporto port'agraffes per 20 agraffes



1:1

tk 25000-00

100 Klammern im Plastikbehälter
100 Brain clips in plastic box

100 agrafes dans un tube de plastique
100 grapas en tubo de plástico
100 agraffes nella scatola di plastica

Clips und Anlegezangen
Clips and applying forceps

Clips et pinces à appliquer
Clips y aplicadores
Clips e pinze per mettere clips



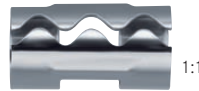
OLIVECRONA-TOENNIS
(SCOVILLE)

x = 140 mm – 5½" | **tk 25010-24**



RANEY

150 mm – 6" | **tk 25040-15**



tk 25039-00

Kopfhautklammer „Raney“
Scalpclip "Raney"

Agrafes pour le cuir chevelu «Raney»
Grapa para cuero cabelludo "Raney"
Agraiffe per il cuoio capelluto „Raney“



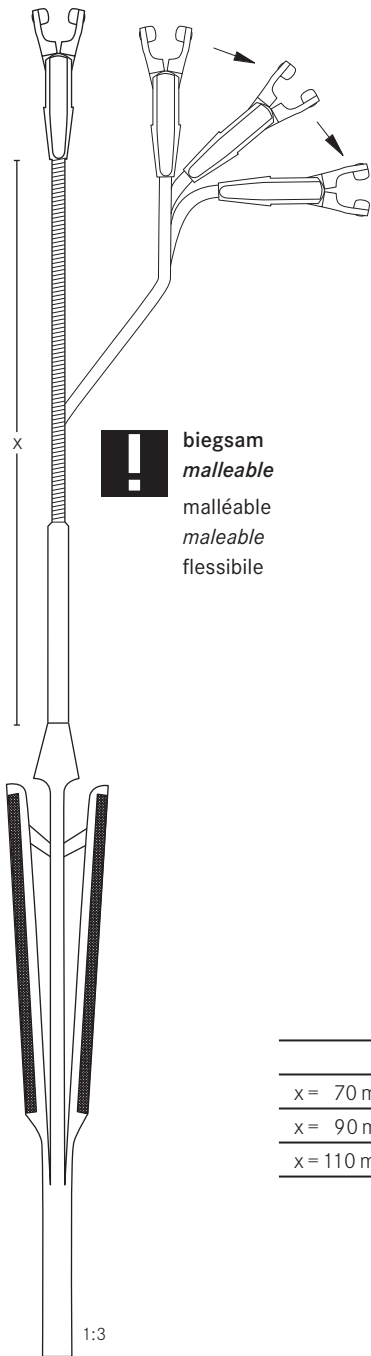
tk 25038-00

Kopfhautklammer „Köln“
Scalpclip "Köln"

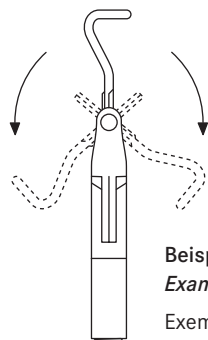
Agrafes pour le cuir chevelu «Köln»
Grapa para cuero cabelludo "Köln"
Agraiffe per il cuoio capelluto „Köln“

Anlegezangen für Yasargil Clips
Applying forceps for Yasargil clips

Pince à poser pour des clips Yasargil
Aplicadora para clips Yasargil
Pinze per mettere clips Yasargil



! biegsam
malleable
malléable
maleable
flessibile

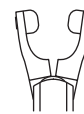


Beispiel für Drehmechanismus
Example for rotation
Exemple pour la rotation
Ejemplo la rotación por
Esempio per la rotazione



	MINI	STANDARD
x = 70 mm - 2 ³ / ₄ "	tk 25080-01	tk 25081-01
x = 90 mm - 3 ¹ / ₂ "	tk 25080-02	tk 25081-02
x = 110 mm - 4 ¹ / ₄ "	tk 25080-03	tk 25081-03

nicht drehbar
non rotating
non rotatif
non rotatorio
non rotativo



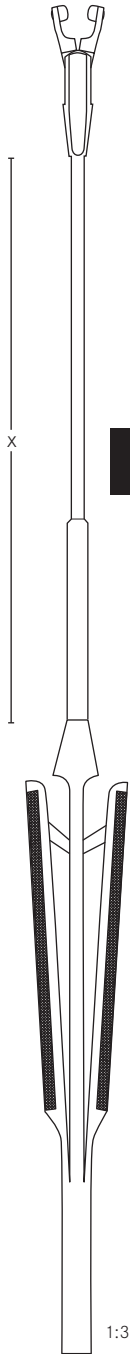
	MINI	STANDARD
	tk 25082-01	tk 25083-01
	tk 25082-02	tk 25083-02
	tk 25082-03	tk 25083-03

drehbar
rotating
rotatif
rotatorio
rotativo

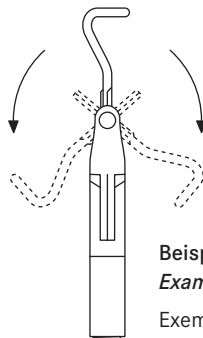
1:3

Anlegezangen für Yasargil Clips
Applying forceps for Yasargil clips

Pince à poser pour des clips Yasargil
Aplicadora para clips Yasargil
 Pinze per mettere clips Yasargil



starr
rigid
 rigide
 rigido
 rigido



Beispiel für Drehmechanismus
Example for rotation

Exemple pour la rotation
Ejemplo la rotación por
 Esempio per la rotazione



	MINI	STANDARD
x = 70 mm - 2¾"	tk 25084-01	tk 25085-01
x = 90 mm - 3½"	tk 25084-02	tk 25085-02
x = 110 mm - 4¼"	tk 25084-03	tk 25085-03

nicht drehbar
non rotating
 non rotatif
non rotatorio
 non rotativo



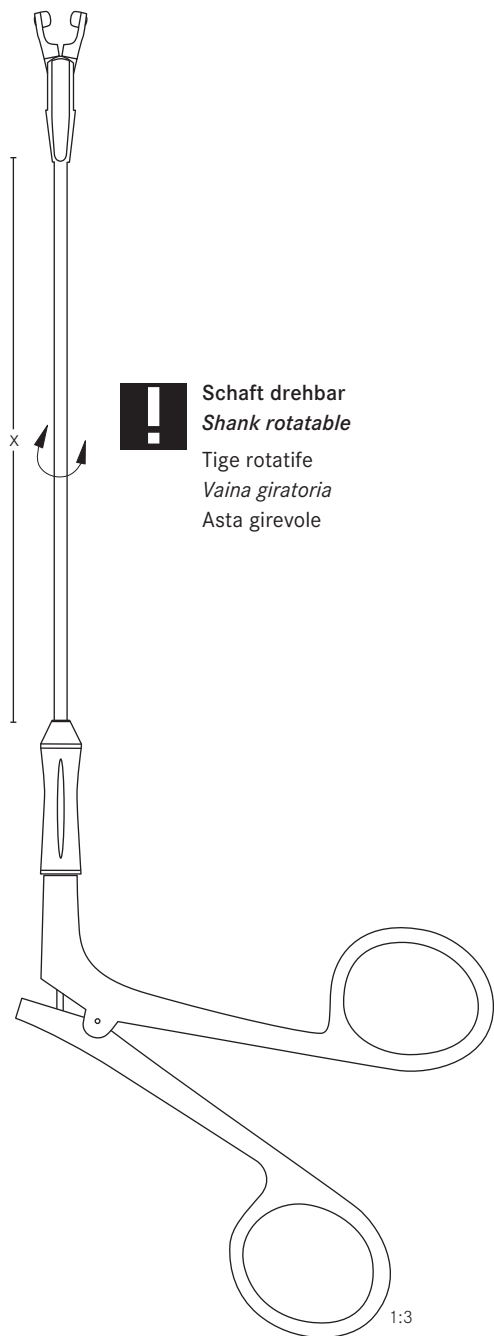
	MINI	STANDARD
	tk 25086-01	tk 25087-01
	tk 25086-02	tk 25087-02
	tk 25086-03	tk 25087-03

drehbar
rotating
 rotatif
rotatorio
 rotativo

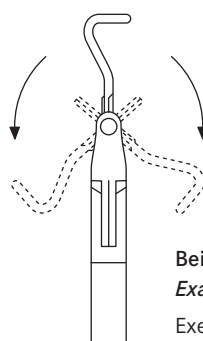
1:3

Anlegezangen für Yasargil Clips
Applying forceps for Yasargil clips

Pince à poser pour des clips Yasargil
Aplicadora para clips Yasargil
 Pinze per mettere clips Yasargil



! Schaft drehbar
Shank rotatable
 Tige rotatife
Vaina giratoria
 Asta girevole



Beispiel für Drehmechanismus
Example for rotation
 Exemple pour la rotation
Ejemplo la rotación por
 Esempio per la rotazione



	MINI	STANDARD
x = 70 mm - 2 ³ / ₄ "	tk 25092-01	tk 25093-01
x = 90 mm - 3 ¹ / ₂ "	tk 25092-02	tk 25093-02
x = 110 mm - 4 ¹ / ₄ "	tk 25092-03	tk 25093-03
x = 130 mm - 5"	tk 25092-04	tk 25093-04

nicht drehbar
non rotating
 non rotatif
non rotatorio
 non rotativo



MINI	STANDARD
tk 25094-01	tk 25095-01
tk 25094-02	tk 25095-02
tk 25094-03	tk 25095-03
tk 25094-04	tk 25095-04

drehbar
rotating
 rotatif
rotatorio
 rotativo

Anlegezangen für Yasargil Clips
Applying forceps for Yasargil clips

Pince à poser pour des clips Yasargil
Aplicadora para clips Yasargil
 Pinze per mettere clips



1:2



	MINI	STANDARD
17 mm – 6¾"		
18 mm – 7"	tk 25088-18	tk 25089-18
21 mm – 8¼"		
23 mm – 9"		

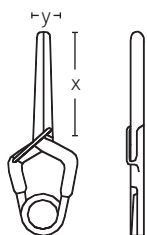
gerade, mit Sperre
straight, with ratchet
 droit, avec verrou
recta, con cierre
 retta, con cremagliera

	MINI	STANDARD
	tk 25090-17	tk 25091-17
	tk 25090-21	tk 25091-21
	tk 25090-23	tk 25091-23

bayonett-förmig, mit Sperre
bayonett shaped, with ratchet
 en baionette, avec verrou
forma bayoneta, con cierre
 forma baionetta, con cremagliera

Aneurysmen Gefäßclips
Aneurysm vessel-clips

Anévrisme clips
Aneurisma clips
Clips per aneurisma e vasi



x = Maullänge
x = Jaw length

x = Longueur du mors
x = Longitud de la boca
x = Lunghezza del morso

y = max. Maulöffnung
y = max. opening

y = Ouverture max. du mors
y = Apertura max. de la boca
y = Apertura mass. del morso

gms = Schließkraft
gms = Pressure

gms = Force de fermeture
gms = Presión
gms = Sforza della chiusura



Bei Bestellung von Titan Clips, bitte der Artikelnummer ein „T“ hinzufügen.

For titanium clips, please add a “T” to the reference number.

Pour des clips en titane, veuillez ajouter un «T» à la référence.

Para clips de titanio, por favor añadir und “T” a la referencia.

Per clips in titanio, per favore aggiuntete al numero d’articolo un “T”.



YASARGIL-STANDARD

für permanenten Verschluss, aus hochwertigem Implantatstahl, antimagnetisch
for permanent closure, in high quality implant steel, antimagnetic

pour fermeture permanente, acier de haute qualité, anti-magnétique

para oclusión permanente, acero de alta calidad, antimagnético

per chiusura permanente, acciaio di alta qualita, antimagnetico

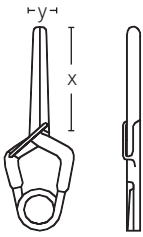
x = 7.0 mm	x = 9.0 mm	x = 11.0 mm	x = 15.0 mm	x = 17.0 mm	x = 20.0 mm	x = 25.0 mm
y = 6.2 mm	y = 7.0 mm	y = 7.8 mm	y = 9.2 mm	y = 10.6 mm	y = 11.4 mm	y = 13.3 mm
gms = 150	gms = 180	gms = 180	gms = 200	gms = 200	gms = 200	gms = 200
tk 25096-00	tk 25097-00	tk 25098-00	tk 25099-00	tk 25100-00	tk 25101-00	tk 25102-00

x = 7.0 mm	x = 9.0 mm	x = 11.0 mm	x = 15.0 mm	x = 7.0 mm	x = 9.0 mm	x = 11.0 mm
y = 6.0 mm	y = 6.8 mm	y = 7.5 mm	y = 8.7 mm	y = 5.5 mm	y = 6.1 mm	y = 6.5 mm
gms = 150	gms = 180	gms = 180	gms = 200	gms = 150	gms = 180	gms = 180
tk 25103-00	tk 25104-00	tk 25105-00	tk 25106-00	tk 25107-00	tk 25108-00	tk 25109-00

x = 15.0 mm	x = 7.0 mm	x = 9.0 mm	x = 11.0 mm	x = 7.0 mm	x = 9.0 mm
y = 7.4 mm	y = 5.4 mm	y = 5.8 mm	y = 6.2 mm	y = 7.9 mm	y = 8.7 mm
gms = 200	gms = 180	gms = 180	gms = 180	gms = 200	gms = 200
tk 25110-00	tk 25111-00	tk 25112-00	tk 25113-00	tk 25114-00	tk 25115-00

Aneurysmen Gefäßclips
Aneurysm vessel-clips

Anévrisme clips
Aneurisma clips
Clips per aneurisma e vasi



x = Maullänge
x = *Jaw length*

x = Longueur du mors
x = *Longitud de la boca*
x = Lunghezza del morso

y = max. Maulöffnung
y = *max. opening*

y = Ouverture max. du mors
y = *Apertura max. de la boca*
y = Apertura mass. del morso

gms = Schließkraft
gms = *Pressure*

gms = Force de fermeture
gms = *Presión*
gms = Sforza della chiusura



Bei Bestellung von Titan Clips, bitte der Artikelnummer ein „T“ hinzufügen.

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Per clips in titanio, per favore aggiuntete al numero d'articolo un "T".



YASARGIL-STANDARD

für permanenten Verschluss, aus hochwertigem Implantatstahl, antimagnetisch
for permanent closure, in high quality implant steel, antimagnetic

pour fermeture permanente, acier de haute qualité, anti-magnétique

para oclusión permanente, acero de alta calidad, antimagnetico

per chiusura permanente, acciaio di alta qualità, antimagnetico

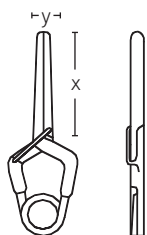
x = 12.0 mm	x = 17.0 mm	x = 20.0 mm	x = 5.0 mm	x = 7.0 mm	x = 9.0 mm	x = 11.0 mm
y = 10.2 mm	y = 11.9 mm	y = 13.0 mm	y = 6.2 mm	y = 6.5 mm	y = 7.8 mm	y = 8.4 mm
gms = 200	gms = 180	gms = 180	gms = 200	gms = 200	gms = 200	gms = 200
tk 25116-00	tk 25117-00	tk 25118-00	tk 25119-00	tk 25120-00	tk 25121-00	tk 25122-00

x = 5.0 mm	x = 7.0 mm	x = 10.0 mm	x = 8.0 mm	x = 10.0 mm	x = 5.0 mm
y = 5.6 mm	y = 5.6 mm	y = 5.6 mm	y = 5.4 mm	y = 5.6 mm	y = 7.2 mm
gms = 200	gms = 200	gms = 200	gms = 200	gms = 200	gms = 200
tk 25123-00	tk 25124-00	tk 25125-00	tk 25126-00	tk 25127-00	tk 25128-00

x = 9.0 mm	x = 11.0 mm	x = 7.0 mm	x = 11.0 mm	x = 9.0 mm
y = 7.2 mm	y = 8.2 mm	y = 5.7 mm	y = 8.0 mm	y = 7.0 mm
gms = 200	gms = 200	gms = 200	gms = 200	gms = 200
tk 25129-00	tk 25130-00	tk 25131-00	tk 25132-00	tk 25133-00

Aneurysmen Gefäßclips
Aneurysm vessel-clips

Anévrisme clips
Aneurisma clips
Clips per aneurisma e vasi



x = Maullänge
x = Jaw length

x = Longueur du mors
x = Longitud de la boca
x = Lunghezza del morso

y = max. Maulöffnung
y = max. opening

y = Ouverture max. du mors
y = Apertura max. de la boca
y = Apertura mass. del morso

gms = Schließkraft
gms = Pressure

gms = Force de fermeture
gms = Presión
gms = Sforza della chiusura



Bei Bestellung von Titan Clips, bitte der Artikelnummer ein „T“ hinzufügen.

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Per clips in titanio, per favore aggiuntete al numero d’articolo un “T”.



YASARGIL-STANDARD

für permanenten Verschluss, mit Fenster 3,5 mm, aus hochwertigem Implantatstahl, antimagnetisch

for permanent closure, with window 3,5 mm, in high quality implant steel, antimagnetic

pour fermeture permanente, avec fenestra 3,5 mm, acier de haute qualité, anti-magnétique

para oclusión permanente, con finestra de 3,5 mm, acero de alta calidad, antimagnetico

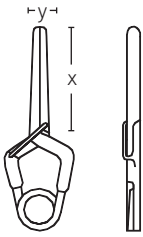
per chiusura permanente, con finestra di 3,5 mm, acciaio di alta qualita, antimagnetico

x = 7.0 mm	x = 9.0 mm	x = 12.0 mm	x = 5.0 mm	x = 7.0 mm	x = 11.0 mm
y = 7.4 mm	y = 8.4 mm	y = 9.6 mm	y = 5.8 mm	y = 6.5 mm	y = 7.2 mm
gms = 150	gms = 150	gms = 180	gms = 150	gms = 150	gms = 180
tk 25134-00	tk 25135-00	tk 25136-00	tk 25137-00	tk 25138-00	tk 25139-00

x = 5.0 mm	x = 7.0 mm	x = 11.0 mm
y = 4.9 mm	y = 4.9 mm	y = 4.9 mm
gms = 150	gms = 150	gms = 180
tk 25140-00	tk 25141-00	tk 25142-00

Aneurysmen Gefäßclips
Aneurysm vessel-clips

Anévrisme clips
Aneurisma clips
Clips per aneurisma e vasi



x = Maullänge
x = *Jaw length*

x = Longueur du mors
x = *Longitud de la boca*
x = Lunghezza del morso

y = max. Maulöffnung
y = *max. opening*

y = Ouverture max. du mors
y = *Apertura max. de la boca*
y = Apertura mass. del morso

gms = Schließkraft
gms = *Pressure*

gms = Force de fermeture
gms = *Presión*
gms = Sforza della chiusura



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Para clips de titanio, por favor añadir und "T" a la referencia.

Per clips in titanio, per favore aggiuntete al numero d'articolo un "T".



YASARGIL-STANDARD

für permanenten Verschluss, mit Fenster 3.5 mm, aus hochwertigem Implantatstahl, antimagnetisch

for permanent closure, with window 3.5 mm, in high quality implant steel, antimagnetic

pour fermeture permanente, avec fenestra 3.5 mm, acier de haute qualité, anti-magnétique

para oclusión permanente, con finestra de 3.5 mm, acero de alta calidad, antimagnetico

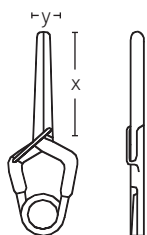
per chiusura permanente, con finestra di 3.5 mm, acciaio di alta qualità, antimagnetico

x = 7.0 mm	x = 9.0 mm	x = 12.0 mm	x = 5.0 mm	x = 7.0 mm	x = 11.0 mm
y = 7.9 mm	y = 9.1 mm	y = 10.3 mm	y = 6.5 mm	y = 7.2 mm	y = 7.8 mm
gms = 150	gms = 150	gms = 180	gms = 150	gms = 150	gms = 180
tk 25143-00	tk 25144-00	tk 25145-00	tk 25146-00	tk 25147-00	tk 25148-00

x = 5.0 mm	x = 7.0 mm	x = 11.0 mm	x = 5.0 mm	x = 7.0 mm	x = 11.0 mm
y = 5.5 mm	y = 5.5 mm	y = 5.5 mm	y = 7.9 mm	y = 8.8 mm	y = 10.0 mm
gms = 150	gms = 150	gms = 180	gms = 150	gms = 150	gms = 180
tk 25149-00	tk 25150-00	tk 25151-00	tk 25152-00	tk 25153-00	tk 25154-00

Aneurysmen Gefäßclips
Aneurysm vessel-clips

Anévrisme clips
Aneurisma clips
Clips per aneurisma e vasi



x = Maullänge
x = Jaw length

x = Longueur du mors
x = Longitud de la boca
x = Lunghezza del morso

y = max. Maulöffnung
y = max. opening

y = Ouverture max. du mors
y = Apertura max. de la boca
y = Apertura mass. del morso

gms = Schließkraft
gms = Pressure

gms = Force de fermeture
gms = Presión
gms = Sforza della chiusura



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Para clips de titanio, por favor añadir und “T” a la referencia.

Per clips in titanio, per favore aggiuntete al numero d’articolo un “T”.



YASARGIL-STANDARD

für permanenten Verschluss, mit Fenster 5.0 mm, aus hochwertigem Implantatstahl, antimagnetisch

for permanent closure, with window 5.0 mm, in high quality implant steel, antimagnetic

pour fermeture permanente, avec fenestra 5.0 mm, acier de haute qualité, anti-magnétique

para oclusión permanente, con finestra de 5.0 mm, acero de alta calidad, antimagnetico

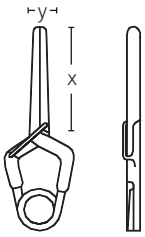
per chiusura permanente, con finestra di 5.0 mm, acciaio di alta qualita, antimagnetico

x = 5.0 mm	x = 7.0 mm	x = 10.0 mm	x = 5.0 mm	x = 7.0 mm	x = 10.0 mm
y = 5.8 mm	y = 5.8 mm	y = 5.8 mm	y = 5.8 mm	y = 5.8 mm	y = 5.8 mm
gms = 150	gms = 150	gms = 150	gms = 150	gms = 150	gms = 150
tk 25155-00	tk 25156-00	tk 25157-00	tk 25158-00	tk 25159-00	tk 25160-00

x = 5.0 mm	x = 7.0 mm	x = 10.0 mm	x = 5.0 mm	x = 7.0 mm	x = 5.0 mm	x = 7.0 mm
y = 7.0 mm	y = 7.8 mm	y = 8.8 mm	y = 5.8 mm	y = 6.2 mm	y = 5.8 mm	y = 6.2 mm
gms = 150	gms = 150	gms = 150	gms = 150	gms = 150	gms = 150	gms = 150
tk 25161-00	tk 25162-00	tk 25163-00	tk 25164-00	tk 25165-00	tk 25166-00	tk 25167-00

x = 5.0 mm	x = 7.0 mm	x = 5.0 mm	x = 7.0 mm
y = 5.6 mm	y = 5.6 mm	y = 5.6 mm	y = 5.6 mm
gms = 150	gms = 150	gms = 150	gms = 150
tk 25168-00	tk 25169-00	tk 25170-00	tk 25171-00

Aneurysmen Gefäßclips
Aneurysm vessel-clips

 Anévrisme clips
Aneurisma clips
 Clips per aneurisma e vasi

 x = Maullänge
 x = *Jaw length*

 x = Longueur du mors
 x = *Longitud de la boca*
 x = Lunghezza del morso

 y = max. Maulöffnung
 y = *max. opening*

 y = Ouverture max. du mors
 y = *Apertura max. de la boca*
 y = Apertura mass. del morso

 gms = Schließkraft
 gms = *Pressure*

 gms = Force de fermeture
 gms = *Presión*
 gms = Sforza della chiusura


Bei Bestellung von Titan Clips, bitte der Artikelnummer ein „T“ hinzufügen.

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YASARGIL-STANDARD

 für temporären Verschluss, aus hochwertigem Implantatstahl, antimagnetisch
for temporary closure, in high quality implant steel, antimagnetic

 pour fermeture temporaire, acier de haute qualité, anti-magnétique
para oclusión temporal, acero de alta calidad, antimagnético

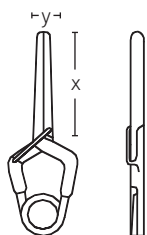
per uso temporaneo, acciaio di alta qualita, antimagnetico

x = 9.0 mm	x = 9.0 mm	x = 9.0 mm	x = 15.0 mm	x = 15.0 mm	x = 15.0 mm	x = 9.0 mm
y = 7.0 mm	y = 6.8 mm	y = 6.1 mm	y = 9.2 mm	y = 8.7 mm	y = 7.4 mm	y = 6.2 mm
gms = 90	gms = 90	gms = 110	gms = 90	gms = 110	gms = 110	gms = 110
tk 25172-00	tk 25173-00	tk 25174-00	tk 25175-00	tk 25176-00	tk 25177-00	tk 25178-00

x = 20.0 mm	x = 20.0 mm	x = 17.0 mm	x = 13.0 mm
y = 11.4 mm	y = 11.0 mm	y = 9.9 mm	y = 7.5 mm
gms = 110	gms = 90	gms = 90	gms = 90
tk 25179-00	tk 25180-00	tk 25181-00	tk 25182-00

Aneurysmen Gefäßclips
Aneurysm vessel-clips

Anévrisme clips
Aneurisma clips
Clips per aneurisma e vasi



x = Maullänge
x = Jaw length
x = Longueur du mors
x = Longitud de la boca
x = Lunghezza del morso

y = max. Maulöffnung
y = max. opening
y = Ouverture max. du mors
y = Apertura max. de la boca
y = Apertura mass. del morso

gms = Schließkraft
gms = Pressure
gms = Force de fermeture
gms = Presión
gms = Sforza della chiusura

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YASARGIL-MINI

für permanenten Verschluss, aus hochwertigem Implantatstahl, antimagnetisch
for permanent closure, in high quality implant steel, antimagnetic
pour fermeture permanente, acier de haute qualité, anti-magnétique
para oclusión permanente, acero de alta calidad, antimagnetico
per chiusura permanente, acciaio di alta qualita, antimagnetico

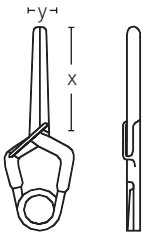
x = 3.0 mm	x = 5.0 mm	x = 3.0 mm	x = 5.0 mm	x = 7.0 mm	x = 3.0 mm	x = 4.0 mm
y = 3.3 mm	y = 4.0 mm	y = 3.3 mm	y = 4.0 mm	y = 4.6 mm	y = 3.2 mm	y = 3.8 mm
gms = 110	gms = 110	gms = 110	gms = 110	gms = 110	gms = 110	gms = 110
tk 25183-00	tk 25184-00	tk 25185-00	tk 25186-00	tk 25187-00	tk 25188-00	tk 25189-00

x = 4.0 mm	x = 5.0 mm	x = 4.0 mm	x = 5.0 mm	x = 7.0 mm	x = 4.0 mm	x = 4.0 mm
y = 3.6 mm	y = 3.8 mm	y = 3.6 mm	y = 4.0 mm	y = 4.4 mm	y = 3.6 mm	y = 3.5 mm
gms = 110	gms = 110	gms = 110	gms = 110	gms = 110	gms = 110	gms = 110
tk 25190-00	tk 25191-00	tk 25192-00	tk 25193-00	tk 25194-00	tk 25195-00	tk 25196-00

x = 5.0 mm	x = 5.0 mm	x = 6.0 mm	x = 4.0 mm	x = 7.0 mm	x = 7.0 mm
y = 4.0 mm	y = 3.5 mm	x = 6.0 mm	y = 7.0 mm	y = 5.7 mm	y = 4.5 mm
gms = 110	gms = 130	gms = 130	gms = 130	gms = 130 gms	gms = 130
tk 25197-00	tk 25198-00	tk 25199-00	tk 25200-00	tk 25201-00	tk 25202-00

Aneurysmen Gefäßclips
Aneurysm vessel-clips

Anévrisme clips
Aneurisma clips
Clips per aneurisma e vasi



x = Maullänge	y = max. Maulöffnung	gms = Schließkraft
x = <i>Jaw length</i>	y = <i>max. opening</i>	gms = <i>Pressure</i>
x = Longueur du mors	y = Ouverture max. du mors	gms = Force de fermeture
x = <i>Longitud de la boca</i>	y = <i>Apertura max. de la boca</i>	gms = <i>Presión</i>
x = Lunghezza del morso	y = Apertura mass. del morso	gms = Sforza della chiusura



Bei Bestellung von Titan Clips, bitte der Artikelnummer ein „T“ hinzufügen.

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YASARGIL-MINI

für temporären Verschluss, aus hochwertigem Implantatstahl, antimagnetisch
for temporary closure, in high quality implant steel, antimagnetic

pour fermeture temporaire, acier de haute qualité, anti-magnétique

para oclusión temporal, acero de alta calidad, antimagnetico

per chiusura temporanea, acciaio di alta qualita, antimagnetico

x = 3.0 mm	x = 5.0 mm	x = 4.0 mm	x = 7.0 mm	x = 7.0 mm	x = 5.0 mm
y = 3.3 mm	y = 4.0 mm	y = 3.8 mm	y = 4.6 mm	y = 4.4 mm	y = 4.0 mm
gms = 90	gms = 70	gms = 70	gms = 70	gms = 70	gms = 70
tk 25203-00	tk 25204-00	tk 25205-00	tk 25206-00	tk 25207-00	tk 25208-00

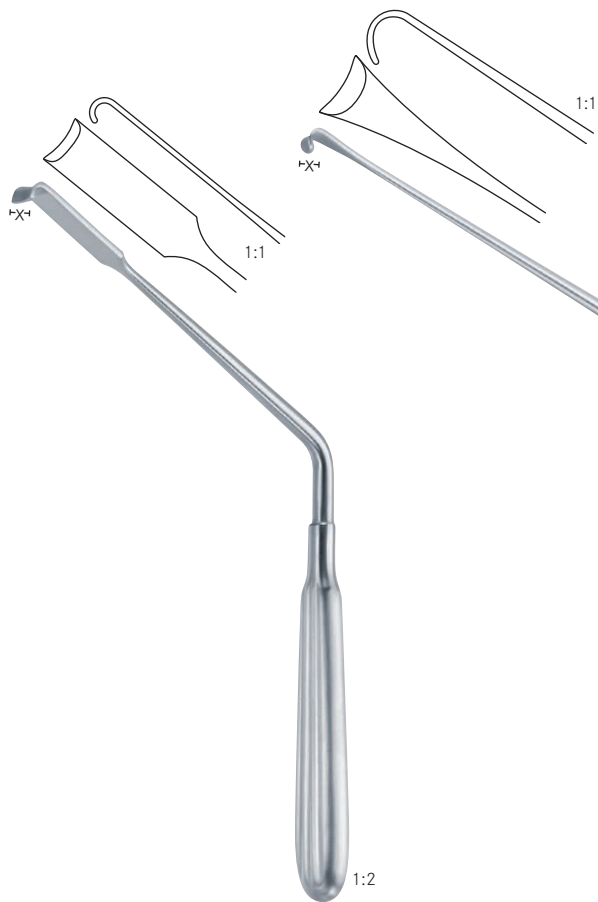
Nervenhaken | Crochets à nerfs
Nerve hooks | Ganchos para nervios
 Uncini per nervi



SCOVILLE
 230 mm - 9"
 x = 8 mm
tk 25236-23



HOLSHER
 240 mm - 9½"
 x = 7 mm
tk 25237-24

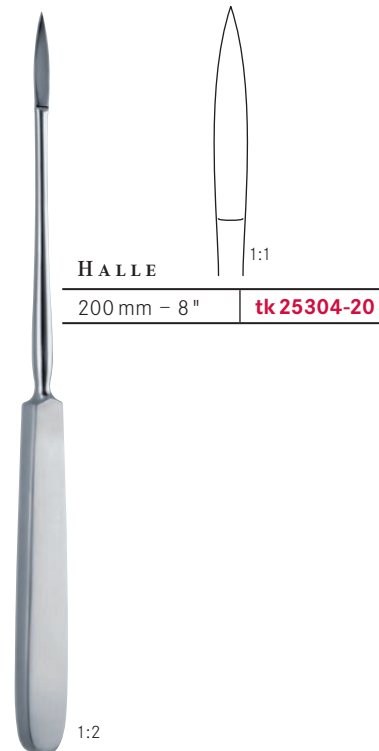
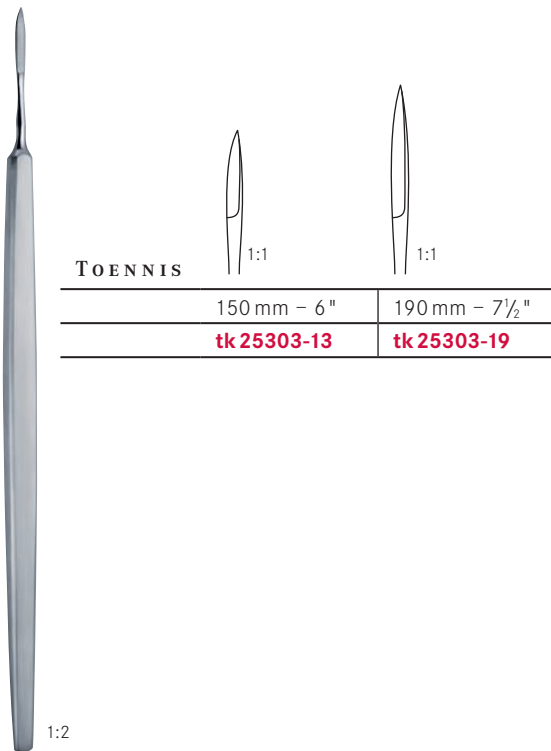


SCOVILLE
 200 mm - 8"
 x = 7 mm
tk 25238-19

MARTIN
 210 mm - 8¼"
 x = 7 mm
tk 25239-19

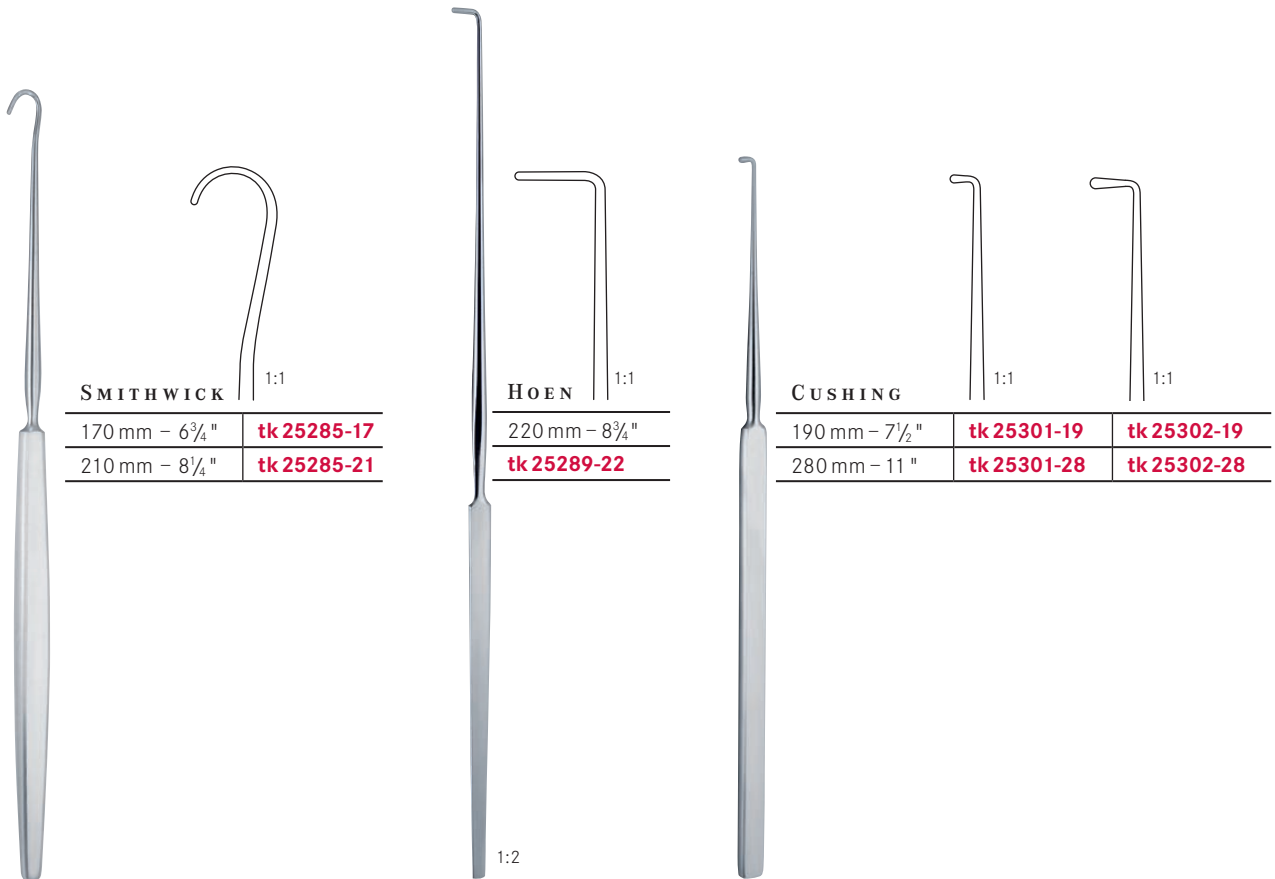
Duramesser
Dura knives

Bistouries pour duremère
Bisturís para duramadre
Bisturi per duramadre



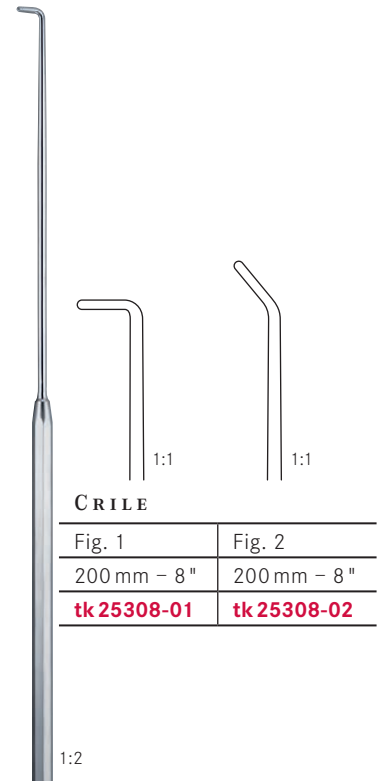
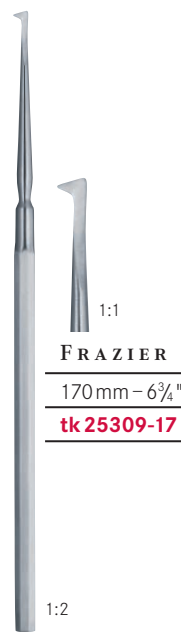
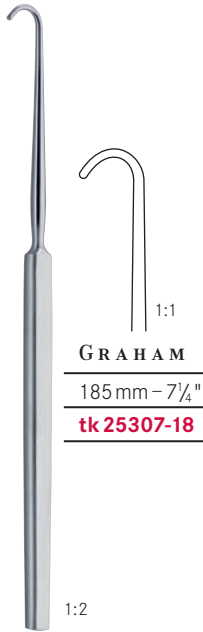
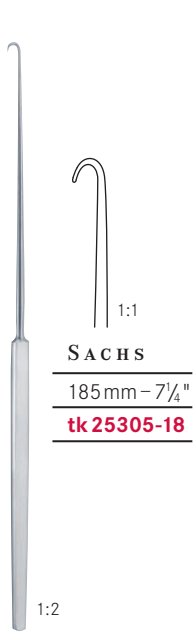
Nervenhaken – Durahaken
Nerve hooks – Dura hooks

Crochets à nerfs – Crochets pour duremère
Ganchos para nervios – Ganchos para duramadre
Uncini per nervi – Uncini per duramadre



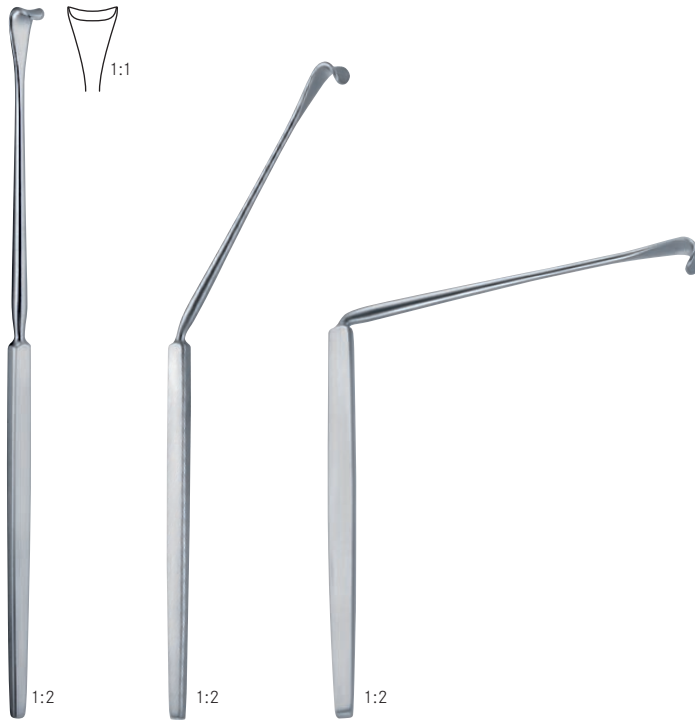
Nervenhaken – Durahaken
Nerve hooks – Dura hooks

Crochets à nerfs – Crochets pour duremère
Ganchos para nervios – Ganchos para duramadre
Uncini per nervi – Uncini per duramadre



Nervenhaken – Durahaken
Nerve hooks – Dura hooks

Crochets à nerfs – Crochets pour duremère
Ganchos para nervios – Ganchos para duramadre
Uncini per nervi – Uncini per duramadre



LOVE

190 mm – 7½"	tk 25325-19	tk 25326-19	tk 25327-19
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YASARGIL

310 mm – 12¼"	tk 25399-01
410 mm – 16¼"	tk 25399-02

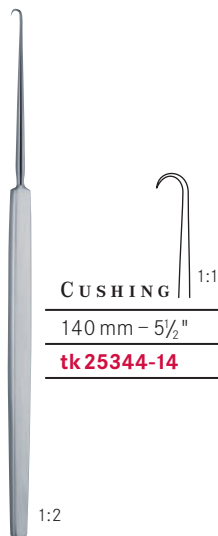
Galeahaken

Galea retractor

Retracteur Galea

Retractor de Galea

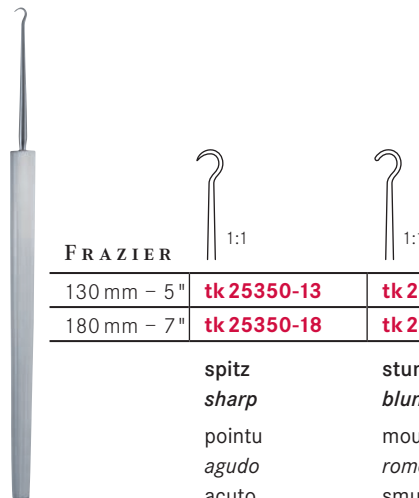
Rettrotore di Galea



CUSHING

140 mm – 5½"

tk 25344-14



FRAZIER

130 mm – 5"

180 mm – 7"

tk 25350-13

tk 25350-18

tk 25351-13

tk 25351-18

spitz
sharp

pointu

agudo

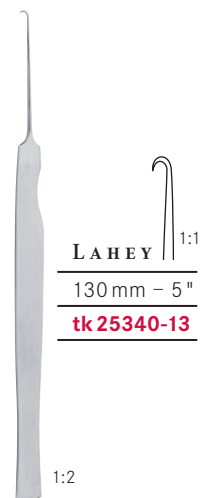
acuto

stumpf
blunt

mousse

romos

smusso



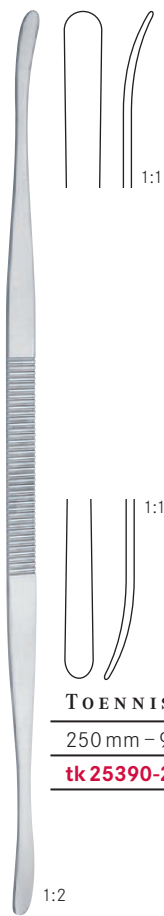
LAHEY

130 mm – 5"

tk 25340-13

Dura-Dissektoren
Dura dissectors

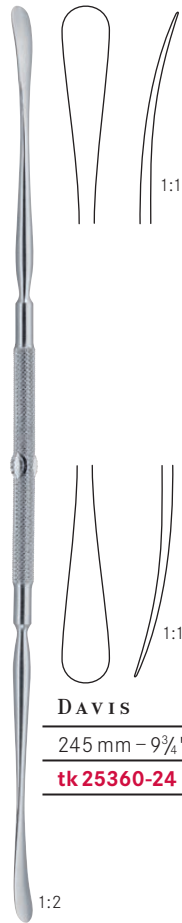
Décolleurs duremère
Disectores de duramadre
Dissetori per duramadre



TOENNIS

250 mm – 9³/₄"

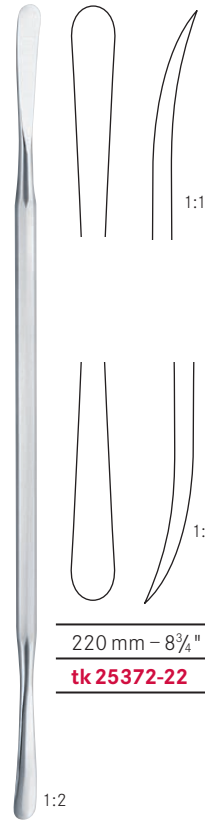
tk 25390-25



DAVIS

245 mm – 9³/₄"

tk 25360-24

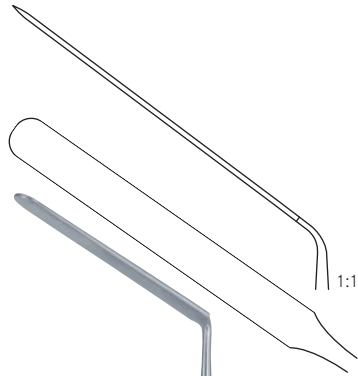


220 mm – 8³/₄"

tk 25372-22

Dura-Dissektoren
Dura dissectors

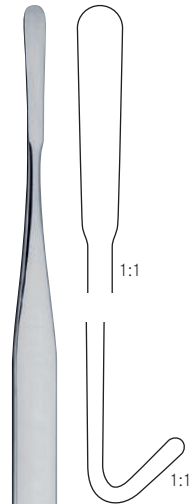
Décolleurs duremère
Disectores de duramadre
Dissetori per duramadre



HORSLEY

200 mm - 8"

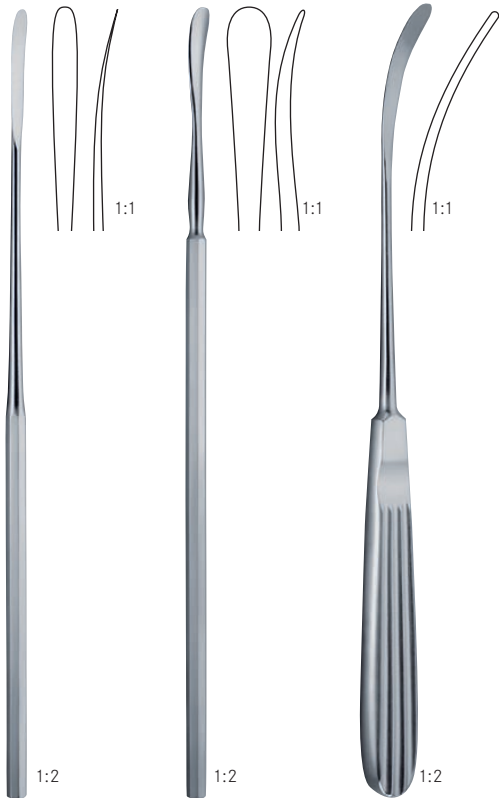
tk 25379-20



SMITHWICK

290 mm - 11½"

tk 25380-29



SACHS

210 mm - 8¼"

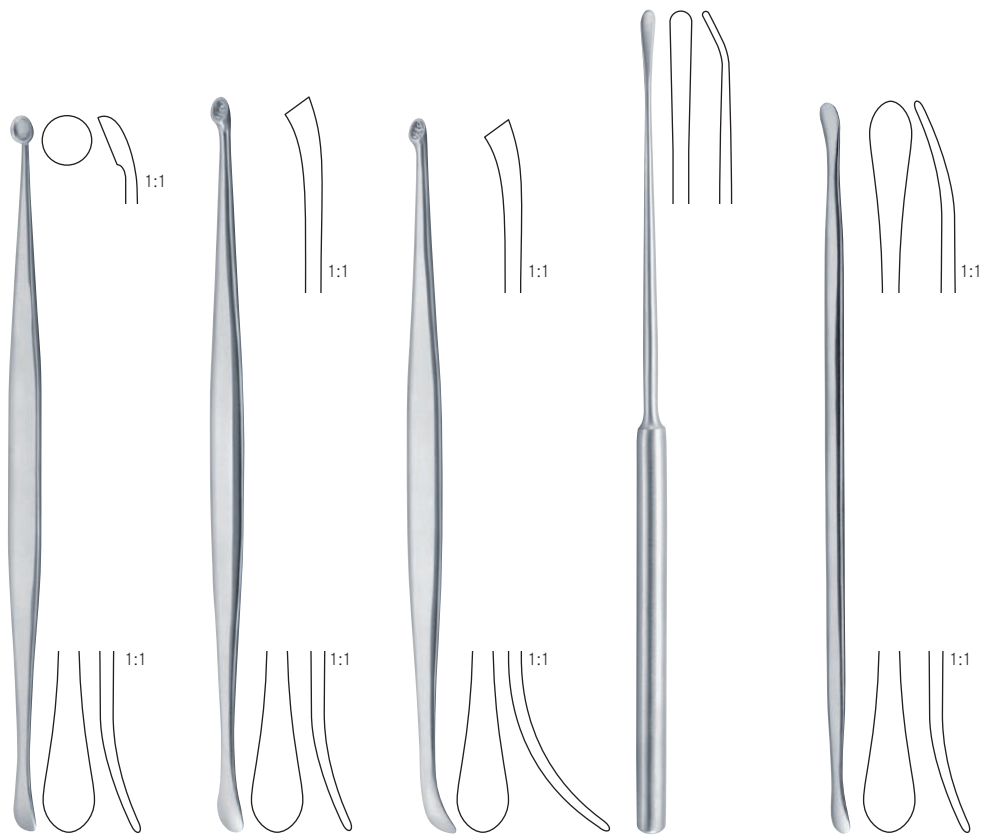
tk 25385-21

tk 25386-21

tk 25387-21

Dura-Dissektoren
Dura dissectors

Décolleurs duremère
Disectores de duramadre
Dissetori per duramadre








PENFIELD

Fig. 1	Fig. 2	Fig. 3	Fig. 4	Fig. 5
175 mm – 7"	195 mm – 7¾"	195 mm – 7¾"	215 mm – 8½"	185 mm – 7¼"
tk 25395-01	tk 25395-02	tk 25395-03	tk 25395-04	tk 25395-05

Neuro-Mikro-Dissektoren
Neuro-micro dissectors

Neuro-micro dissecteurs
Disectores para micro-neurocirugía
Strumento per micro-neuro chirurgia







YASARGIL	 1:1	 1:1	 1:1	 1:1	 1:1
190 mm – 7½"	tk 25400-01	tk 25400-02	tk 25400-03	tk 25400-04	tk 25400-05

gerade
straight
droit
recta
rette

190 mm – 7½"	tk 25401-01	tk 25401-02	tk 25401-03	tk 25401-04	tk 25401-05
--------------	-------------	-------------	-------------	-------------	-------------



bajonett
bayonet
baionette
bayoneta
baionetta

YASARGIL	 1:1	 1:1	 1:1	 1:1
190 mm – 7½"	tk 25400-06	tk 25400-07	tk 25400-08	tk 25400-09

gerade
straight
droit
recta
rette

190 mm – 7½"	tk 25401-06	tk 25401-07	tk 25401-08	tk 25401-09
--------------	-------------	-------------	-------------	-------------

bajonett
bayonet
baionette
bayoneta
baionetta






	 1:1	 1:1
190 mm – 7½"	tk 25400-10	tk 25400-11

gerade, mit Dreh-Fixierhaken
straight, with Twist-fixationhook
droit, avec crochet de fixation
recta, con gancho de fijación
rette, con uncino di fissaggio „Twist“

Neuro-Mikro-Dissektoren
Neuro-micro dissectors

Neuro-micro dissecteurs
Disectores para micro-neurocirugía
Strumento per micro-neuro chirurgia



	 1:1	 1:1	 1:1	 1:1	 1:1
	KRAUS	YASARGIL	KOOS	KOOS	KOOS
190mm – 7½"	tk 25410-19	tk 25410-20	tk 25411-16	tk 25411-17	tk 25411-18

bajonett
bayonet
baionette
bayoneta
baionetta

1:1

Neuro-Mikro-Dissektoren
Neuro-micro dissectors

Neuro-micro dissecteurs
Disectores para micro-neurocirugía
Strumento per micro-neuro chirurgia



JACOBSON

190 mm – 7½"

tk 25405-19



KRAYEN
BÜHL

190 mm – 7½"



1:1



1:1



1:1



1:1

tk 25407-01

tk 25407-02

tk 25407-03

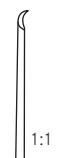
tk 25407-04

ohne Knopf
without knob
sans boule
sin bola
senza bottone

mit Knopf
with knob
avec boule
con bola
con bottone



1:1



1:1



1:1

JACOBSON

FISCH

190 mm – 7½"

tk 25409-19

tk 25410-15

tk 25410-18

1:2

Neuro-Dissektoren und Küretten
Neuro-dissectors and curettes

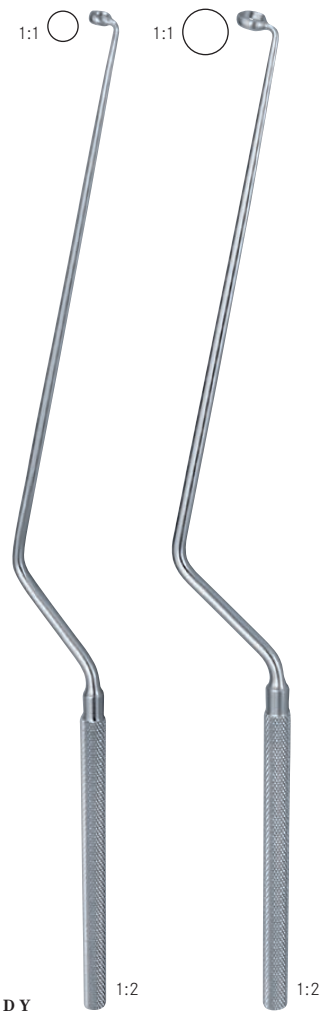
Neuro-dissecteurs et curettes
Disectores y curetas para neurocirugía
Scollatori per neuro-chirurgia



HARDY

250mm-9 ³ / ₄ "	tk 25430-01	tk 25430-02	tk 25430-03	tk 25430-04
---------------------------------------	--------------------	--------------------	--------------------	--------------------

bajonett, innen scharf
bayonet, sharp inner edge
baionette, tranchant à l'interno
bayoneta, cortante al interno
baionetta, acuto all'interno



HARDY

	4 mm Ø	6 mm Ø
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270mm-10 ³ / ₄ "	tk 25435-01	tk 25435-02
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bajonett, biegsam
bayonet, malleable
baionette, malléable
bayoneta, maleable
baionetta, flessibile

Mikro-Federscheren
Micro scissors

Micro ciseaux à ressorts
Micro tijeras con resorte
Forbici per microchirurgia



1:1



1:1



1:1

VANNAS

80 mm – 3 1/4"

tk 9282-08

tk 9283-08

Vannas-Schneide
Vannas-blade

Lame de Vannas
Hoja de Vannas
Lama Vannas

Mikro-Federscheren
Micro-scissors

 Micro ciseaux à ressorts
Micro tijeras con resorte
 Forbici per microchirurgia


1:1

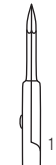


1:1

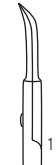


1:1

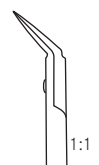
120 mm – 4 ³ / ₄ "	tk 25753-01	tk 25753-02
Schneide 10 mm, spitz <i>Blade 10 mm, sharp</i>	gerade <i>straight</i>	gebogen <i>curved</i>
Lame 10 mm, pointu <i>Hoja 10 mm, agudas</i> Lama 10 mm, acuta	droite <i>recta</i> retta	courbe <i>curva</i> curva



1:1



1:1



1:1

120 mm – 4 ³ / ₄ "	tk 25753-03	tk 25753-04	tk 25753-05
Vannas-Schneide <i>Vannas-blade</i>	gerade <i>straight</i>	gebogen <i>curved</i>	aufgewinkelt <i>angled up</i>
Lama de Vannas Hoja de Vannas Vannas-lama	droite <i>recta</i> retta	courbe <i>curva</i> curva	angulaire <i>acodada</i> angolata

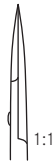


1:1

120 mm – 4 ³ / ₄ "	tk 25753-06
Venen-Schneide (Biemer) <i>Vein-blade (Biemer)</i>	gerade <i>straight</i>
Lame pour vènes (Biemer) Hoja para venas (Biemer) Lama per vene (Biemer)	droite <i>recta</i> retta

Mikro-Federscheren
Micro-scissors

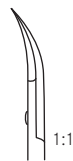
Micro ciseaux à ressorts
Micro tijeras con resorte
Forbici per microchirurgia



150 mm – 6"

tk 25670-15

gerade, kurze Schneide
straight, short blades
droites, lames courtes
recta, hojas cortas
retta, lama corta



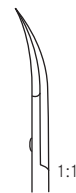
tk 25671-15

gebogen, kurze Schneide
curved, short blades
courbes, lames courtes
curva, hojas cortas
curva, lama corta



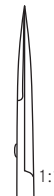
tk 25672-15

gerade, lange Schneide
straight, long blades
droites, lames longues
recta, hojas largas
retta, lama lunga



tk 25673-15

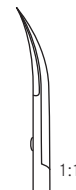
gebogen, lange Schneide
curved, long blades
courbes, lames longues
curva, hojas largas
curva, lama lunga



150 mm – 6"

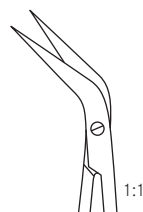
tk 25678-15

gerade, gezahnt
straight, saw edge
droites, dentelés
recta, dentadas
retta, dentata



tk 25679-15

gebogen, gezahnt
curved, saw edge
courbes, dentelés
curva, dentadas
curva, dentata



150 mm – 6"

tk 25675-15

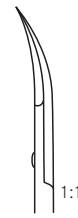
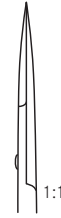
180 mm – 7"

tk 25677-18

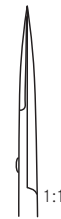
kniegebogen, 45°
angled on flat, 45°
angulaires, 45°
acodada, 45°
angolata, 45°

Mikro-Federscheren
Micro-scissors

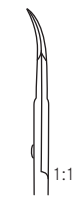
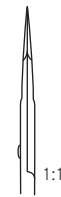
Micro ciseaux à ressorts
Micro tijeras con resorte
Forbici per microchirurgia



120 mm – 4 ³ / ₄ "	tk 25751-01	tk 25751-02
Lange Schneide 14 mm, glatt, spitz Long blades 14 mm, smooth, sharp	gerade straight	gebogen curved
Lames longues 14 mm, lisses, pointues Hojas largas 14 mm, lisas, agudas Lama lunga 14 mm, liscia, acuta	droites recta retta	courbes curva curva



120 mm – 4 ³ / ₄ "	tk 25751-03	tk 25751-04
Lange Schneide 14 mm, spitz Long blades 14 mm, sharp	gerade, gezahnt straight, saw edge	gebogen, gezahnt curved, saw edge
Lames longues 14 mm, pointues Hojas largas 14 mm, agudas Lama lunga 14 mm, acuta	droites, dentelés recta, dentadas retta, dentata	courbes, dentelés curva, dentadas curva, dentata



145 mm – 5 ³ / ₄ "	tk 25751-05	tk 25751-06
Vannas-Schneide, glatt, spitz Vannas-blades, smooth, sharp	gerade straight	gebogen curved
Lames de Vannas, lisses, pointues Hojas de Vannas, lisas, agudas Vannas-lama, liscia, acuta	droits recta retta	courbes curva curva

Mikro-Federscheren
Micro-scissors

Micro ciseaux à ressorts
Micro tijeras con resorte
Forbici per microchirurgia



1:1

YASARGIL

185 mm - 7 1/4"

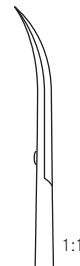


1:1

tk 25500-18

gerade
straight

droits
recta
retta

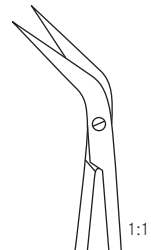


1:1

tk 25501-18

gebogen
curved

courbes
curva
curva



1:1

tk 25502-18

kniegebogen
angled on flat

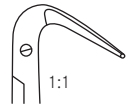
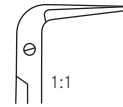
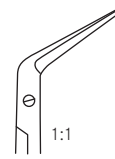
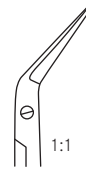
angulaires
acodada
angolata

Mikro-Federscheren
Micro scissors

Micro ciseaux
Micro tijeras
Forbici per micro chirurgia



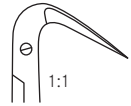
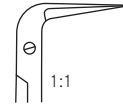
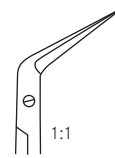
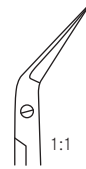
YASARGIL



	25°	45°	60°	90°	125°
170 mm – 6¾" "	tk 25754-25	tk 25754-45	tk 25754-60	tk 25754-90	tk 25754-12

mit Knopf
with ball
avec bouton
con botón
con bottone

YASARGIL



	25°	45°	60°	90°	125°
170 mm – 6¾" "	tk 25755-25	tk 25755-45	tk 25755-60	tk 25755-90	tk 25755-12

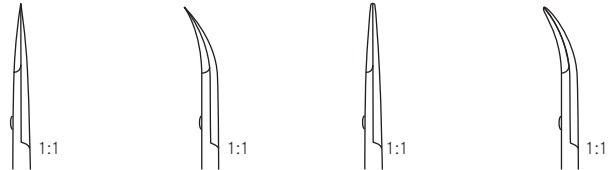
ohne Knopf
without ball
sans bouton
sin botón
senza bottone

1:1

Mikro-Präparierscheren
Micro dissecting scissors

Micro ciseaux à dissection
Micro tijeras de disección

Forbici per micro chirurgia con manico rotondo



145 mm – 5¾"	tk 25602-01	tk 25603-01	tk 25602-02	tk 25603-02
180 mm – 7"	tk 25610-01	tk 25611-01	tk 25610-02	tk 25611-02

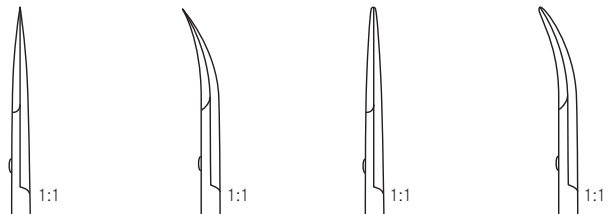
kurze Schneide 8 mm, glatt
short blades 8 mm, smooth
lames courtes 8 mm, lisses
hojas cortas 8 mm, lisos
lama corta 8 mm, liscia

gerade, spitz
straight, sharp
droites, pointues
rectas, agudas
retta, acuta

gebogen, spitz
curved, sharp
courbes, pointues
curvas, agudas
curva, acuta

gerade, stumpf
straight, blunt
droites, mousues
rectas, romas
retta, smussa

gebogen, stumpf
curved, blunt
courbes, mousues
curvas, romas
curva, smussa



145 mm – 5¾"	tk 25602-03	tk 25603-03	tk 25602-04	tk 25603-04
180 mm – 7"	tk 25610-03	tk 25611-03	tk 25610-04	tk 25611-04

lange Schneide 14 mm, glatt
long blades 14 mm, smooth
lames longues 14 mm, lisses
hojas largas 14 mm, lisos
lama lunga 14 mm, liscia

gerade, spitz
straight, sharp
droites, pointues
rectas, agudas
retta, acuta

gebogen, spitz
curved, sharp
courbes, pointues
curvas, agudas
curva, acuta

gerade, stumpf
straight, blunt
droites, mousues
rectas, romas
retta, smussa

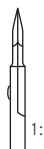
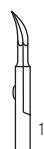
gebogen, stumpf
curved, blunt
courbes, mousues
curvas, romas
curva, smussa

Mikroscheren mit Rundgriff
Micro scissors with round handle

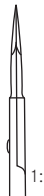

Micro ciseaux avec manche ronde
Micro tijeras con mango redondo
 Forbici per micro chirurgia con manico rotondo





VANNAS

	 1:1	 1:1
	7 mm Ø	7 mm Ø
120 mm – 5"	tk 25612-12	tk 25613-12

VANNAS

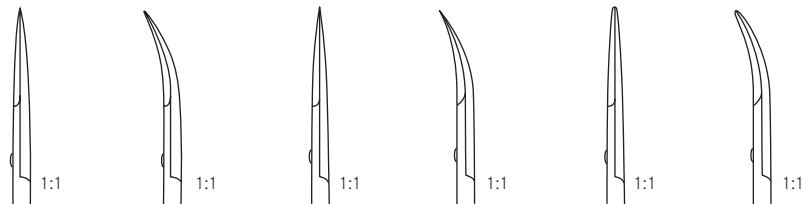
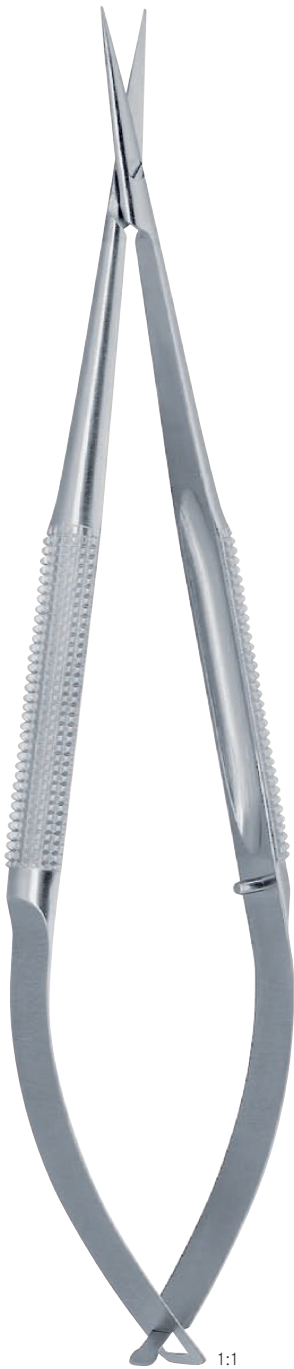
	 1:1	 1:1
	8 mm Ø	8 mm Ø
150 mm – 6"	tk 25600-15	tk 25601-15

CASTROVIEJO

	 1:1	 1:1
	8 mm Ø	8 mm Ø
150 mm – 6"	tk 25610-15	tk 25611-15

Mikroscheren mit Rundgriff
Micro scissors with round handle

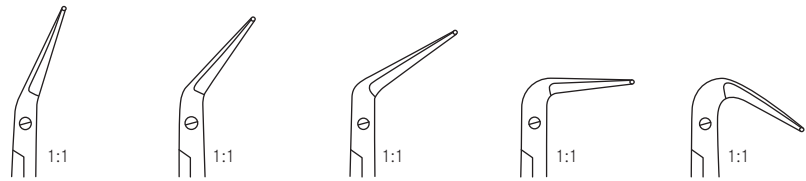
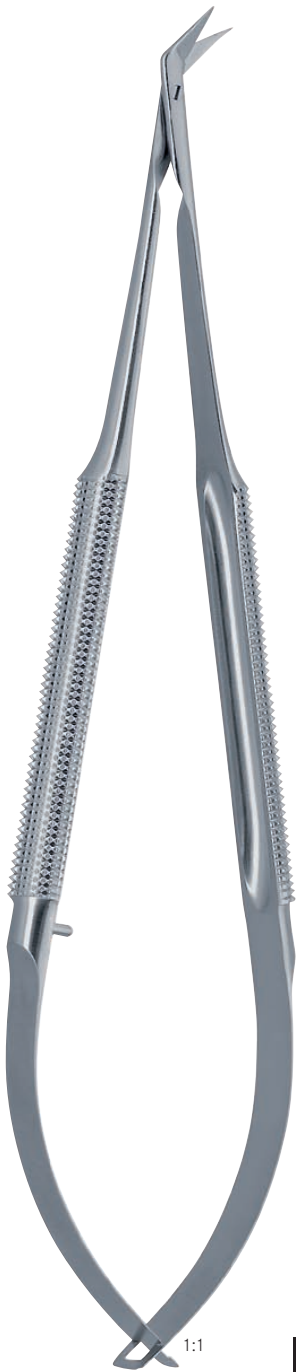
Micro ciseaux avec manche ronde
Micro tijeras con mango redondo
 Forbici per micro chirurgia con manico rotondo



	180 mm - 7"	180 mm - 7"	180 mm - 7"	180 mm - 7"	180 mm - 7"	180 mm - 7"
8 mm Ø	tk 25606-18	tk 25607-18				
10 mm Ø	tk 25602-18	tk 25603-18	tk 25618-18	tk 25619-18	tk 25620-18	tk 25621-18

Mikroscheren mit Rundgriff
Micro scissors with round handle

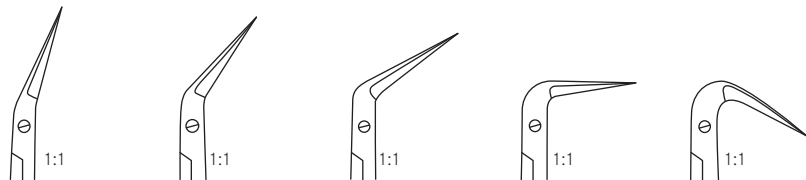
Micro ciseaux avec manche ronde
Micro tijeras con mango redondo
 Forbici per micro chirurgia con manico rotondo



8 mm Ø	25°	45°	60°	90°	125°
180 mm – 7"	tk 25758-25	tk 25758-45	tk 25758-60	tk 25758-90	tk 25758-12

Schneide 10 mm, mit Knopf, spitz
Blade 10 mm, with ball, sharp

Lames 10 mm, avec bouton, pointues
Hojas 10 mm, con botón, agudas
 Lama 10 mm, con bottone, acuta



8 mm Ø	25°	45°	60°	90°	125°
180 mm – 7"	tk 25759-25	tk 25759-45	tk 25759-60	tk 25759-90	tk 25759-12

Schneide 10 mm, ohne Knopf, spitz
Blade 10 mm, without ball, sharp

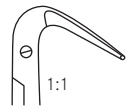
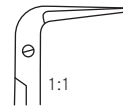
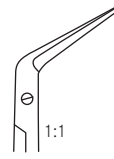
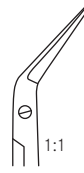
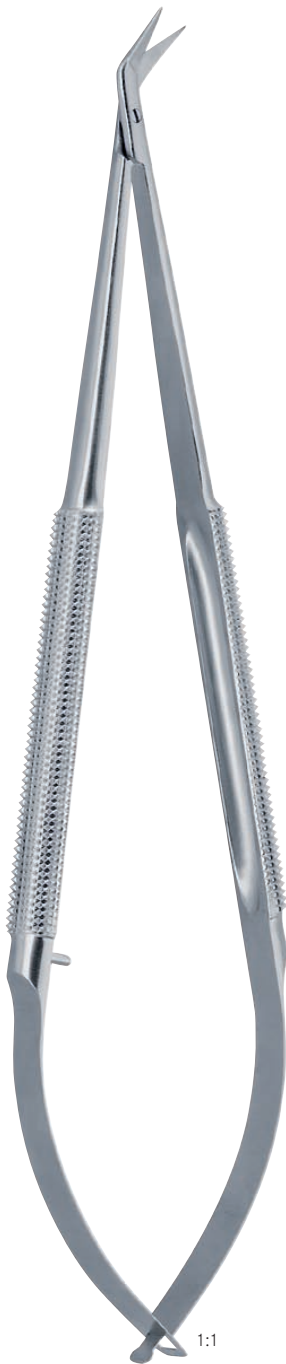
Lames 10 mm, sans bouton, pointues
Hojas 10 mm, sin botón, agudas
 Lama 10 mm, senza bottone, acuta



mit gedrehtem Schluss
90° twisted
 tordus de 90°
giradas de 90°
 girato 90°

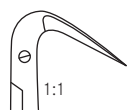
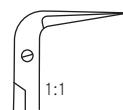
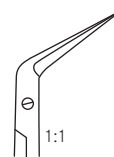
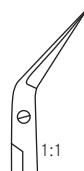
Mikroscheren mit Rundgriff
Micro scissors with round handle

Micro ciseaux avec manche ronde
Micro tijeras con mango redondo
 Forbici per micro chirurgia con manico rotondo



8 mm Ø	25°	45°	60°	90°	125°
180 mm – 7"	tk 25756-25	tk 25756-45	tk 25756-60	tk 25756-90	tk 25756-12

mit Knopf
with ball
 avec bouton
con botón
 con bottone

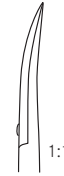


8 mm Ø	25°	45°	60°	90°	125°
180 mm – 7"	tk 25757-25	tk 25757-45	tk 25757-60	tk 25757-90	tk 25757-12

ohne Knopf
without ball
 sans bouton
sin botón
 senza bottone

Mikroscheren mit Rundgriff
Micro scissors with round handle

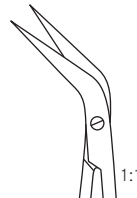
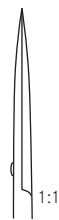
Micro ciseaux avec manche ronde
Micro tijeras con mango redondo
Forbici per micro chirurgia con manico rotondo



	9 mm Ø	9 mm Ø
150 mm – 6"	tk 25680-15	tk 25681-15

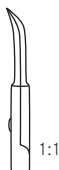
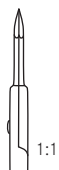
Mikro-Federscheren
Micro scissors

Micro ciseaux à ressorts
Micro tijeras con resorte
Forbici per microchirurgia



JACOBSON

160 mm – 6¼"	tk 25521-16	tk 25522-16	tk 25520-16
180 mm – 7"	tk 25521-18	tk 25522-18	tk 25520-18
	gerade <i>straight</i>	gebogen <i>curved</i>	abgewinkelt, 45° <i>angled, 45°</i>
	droits <i>recta</i>	courbes <i>curva</i>	angulaires, 45° <i>acodada, 45°</i>
	retta	curva	angolata, 45°



160 mm – 6¼"	tk 25526-16	tk 25527-16
180 mm – 7"	tk 25526-18	tk 25527-18

Vannas Schneide
Vannas blade

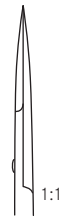
Lame de Vannas
Hoja de Vannas
Lama Vannas

Mikro-Federscheren
Micro scissors

Micro ciseaux à ressorts
Micro tijeras con resorte
Forbici per microchirurgia



YASARGIL-
MOD.



1:1



1:1

180 mm – 7"

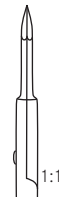
tk 25556-18

tk 25557-18

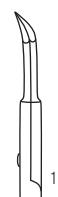
225 mm – 8¾"

tk 25556-22

tk 25557-22



1:1



1:1

220 mm – 8¾"

tk 25558-22

tk 25559-22

Vannas Schneide

Vannas blade

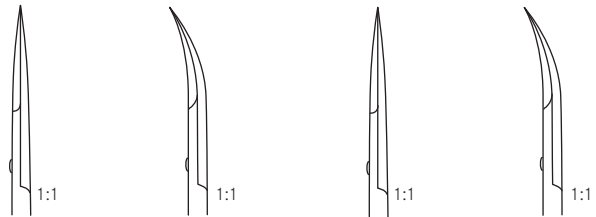
Lame de Vannas

Hoja de Vannas

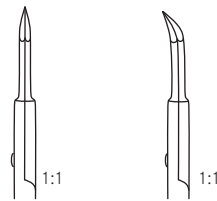
Lama Vannas

Mikro-Federscheren
Micro scissors

Micro ciseaux à ressorts
Micro tijeras con resorte
Forbici per microchirurgia

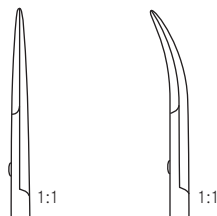


200 mm – 8"	tk 25760-01	tk 25760-02	tk 25760-03	tk 25760-04
225 mm – 8¾"	tk 25761-01	tk 25761-02	tk 25761-03	tk 25761-04
Schneide glatt, spitz <i>Blade smooth, sharp</i>	gerade <i>straight</i>	gebogen <i>curved</i>	gerade, gezahnt <i>straight, saw edge</i>	gebogen, gezahnt <i>curved, saw edge</i>
Lames lisses, pointues <i>Hojas lisas, agudas</i> Lama liscia, acuta	droits <i>recta</i> retta	courbes <i>curva</i> curva	droits, dentelées <i>recta, dentadas</i> retta, dentata	courbes, dentelées <i>curva, dentadas</i> curva, dentata



200 mm – 8"	tk 25760-05	tk 25760-06
225 mm – 8¾"	tk 25761-05	tk 25761-06

Vannas Schneide
Vannas blade
Lame de Vannas
Hoja de Vannas
Lama Vannas



200 mm – 8"	tk 25760-07	tk 25760-08
225 mm – 8¾"	tk 25761-07	tk 25761-08

Präparier-Schneide, stumpf
Dissector blade, blunt
Lames de dissection, moussé
Hojas de disección, roma
Lama da dissezione, smussa

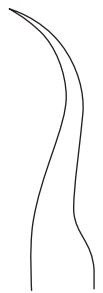
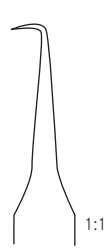
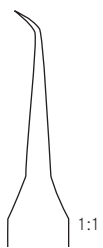
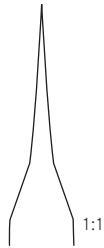
Fixierpinzetten – Gefäßdilatoren
 Fixation forceps – Vascular dilators

Pinces à fixation – Dilatateurs vasculaires
 Pinzas de fixaciòn – Dilatadores vasculares
 Pinze di fissaggio – Pinze per allargare i vasi



TYP
 JUWELIER

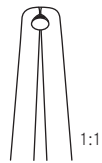
← x →



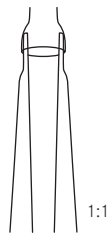
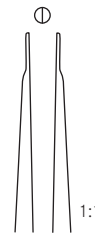
x = 0.2 mm	x = 0.3 mm	x = 0.3 mm	x = 0.2 mm	x = 0.3 mm
110 mm – 4 1/4"	110 mm – 4 1/4"	110 mm – 4 1/4"	120 mm – 4 3/4"	120 mm – 4 3/4"
tk 26001-11	tk 26002-11	tk 26003-11	tk 26005-12	tk 26006-13



PIERSE



120 mm – 4 3/4"	tk 26009-12
135 mm – 5 1/4"	tk 26009-13

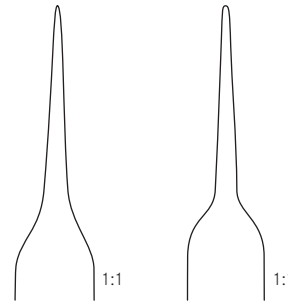


	x = 0.2 mm	x = 0.3 mm
110 mm – 4 1/4"	tk 26015-02	tk 26015-03

sehr fein
 very fine
 très fin
 muy fino
 molto fino

Mikro-Knüpppinzetten
Micro suture tying forceps

Micro pinces pour sutures
Micro pinzas para suturas
 Pinze per micro-suture



LAZAR		
	0.5 mm	0.8 mm
155 mm – 6"	tk 26016-01	tk 26016-02

Mikro-Knüpfpinzetten
Micro suture tying forceps

 Micro pinces pour sutures
Micro pinzas para suturas
 Pinze per micro-sutura


1:1



1:1



1:1



1:1



1:1

	9 mm Ø	9 mm Ø	9 mm Ø	9 mm Ø
180 mm – 7"	tk 25695-01	tk 25695-02	tk 25695-05	tk 25695-06

Fadenplatte 6,0 mm x 0,4 mm, glatt
Tying platform 6.0 mm x 0.4 mm, smooth

Plate-forme 6.0 mm x 0.4 mm, lisse

Plataforma 6.0 mm x 0.4 mm, lisa

Piano per sutura 6.0 mm x 0.4 mm, liscio

1x2

1x2

	9 mm Ø	9 mm Ø	9 mm Ø	9 mm Ø
180 mm – 7"	tk 25695-09	tk 25695-10	tk 25695-13	tk 25695-14

Fadenplatte 6,0 mm x 0,4 mm, diamantiert
Tying platform 6.0 mm x 0.4 mm, diamond coated

Plate-forme 6.0 mm x 0.4 mm, diamanté

Plataforma 6.0 mm x 0.4 mm, diamantada

Piano per sutura 6.0 mm x 0.4 mm, diamantata

1x2

1x2



1:1



1:1



1:1



1:1

	9 mm Ø	9 mm Ø	9 mm Ø	9 mm Ø
180 mm – 7"	tk 25695-03	tk 25695-04	tk 25695-07	tk 25695-08

Fadenplatte 6,0 mm x 0,8 mm, glatt
Tying platform 6.0 mm x 0.8 mm, smooth

Plate-forme 6.0 mm x 0.8 mm, lisse

Plataforma 6.0 mm x 0.8 mm, lisa

Piano per sutura 6.0 mm x 0.8 mm, liscio

1x2

1x2

	9 mm Ø	9 mm Ø	9 mm Ø	9 mm Ø
180 mm – 7"	tk 25695-11	tk 25695-12	tk 25695-15	tk 25695-16

Fadenplatte 6,0 mm x 0,8 mm, diamantiert
Tying platform 6.0 mm x 0.8 mm, diamond coated

Plate-forme 6.0 mm x 0.8 mm, diamanté

Plataforma 6.0 mm x 0.8 mm, diamantada

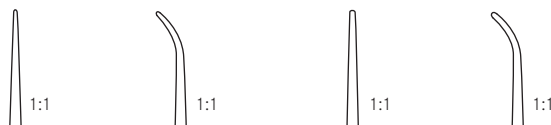
Piano per sutura 6.0 mm x 0.8 mm, diamantata

1x2

1x2

Mikropinzetten
Micro forceps

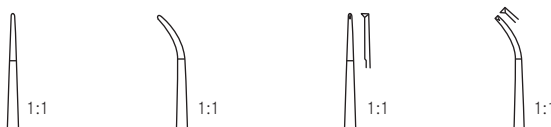
Micro pincers
Micro pinzas
Pinze per microchirurgia



8 mm Ø	0.3 mm	0.3 mm	0.7 mm	0.7 mm
150 mm – 6"	tk 25686-01	tk 25686-02	tk 25686-03	tk 25686-04
180 mm – 7"	tk 25687-01	tk 25687-02	tk 25687-03	tk 25687-04
210 mm – 8¼"	tk 25688-01	tk 25688-02	tk 25688-03	tk 25688-04
230 mm – 9"	tk 25689-01	tk 25689-02	tk 25689-03	tk 25689-04



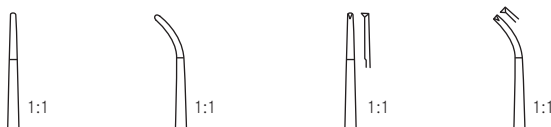
Maul glatt
Jaw smooth
Mors lisse
Boca lisa
Morso liscio



8 mm Ø	0.3 mm	0.3 mm	0.7 mm	0.7 mm
150 mm – 6"	tk 25686-05	tk 25686-06	tk 25686-09	tk 25686-10
180 mm – 7"	tk 25687-05	tk 25687-06	tk 25687-09	tk 25687-10
210 mm – 8¼"	tk 25688-05	tk 25688-06	tk 25688-09	tk 25688-10
230 mm – 9"	tk 25689-05	tk 25689-06	tk 25689-09	tk 25689-10

Fadenplatte 6,0 mm x 0,3 mm, glatt
Tying platform 6.0 mm x 0.3 mm, smooth
Plate-forme 6.0 mm x 0.3 mm, lisse
Plataforma 6.0 mm x 0.3 mm, lisa
Piano per sutura 6.0 mm x 0.3 mm, liscio

1x2 1x2



8 mm Ø	0.3 mm	0.3 mm	0.7 mm	0.7 mm
150 mm – 6"	tk 25686-07	tk 25686-08	tk 25686-11	tk 25686-12
180 mm – 7"	tk 25687-07	tk 25687-08	tk 25687-11	tk 25687-12
210 mm – 8¼"	tk 25688-07	tk 25688-08	tk 25688-11	tk 25688-12
230 mm – 9"	tk 25689-07	tk 25689-08	tk 25689-11	tk 25689-12

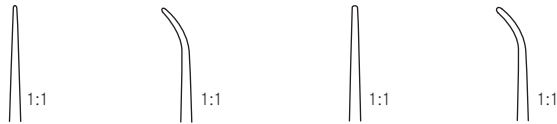
Fadenplatte 6,0 mm x 0,7 mm, glatt
Tying platform 6.0 mm x 0.7 mm, smooth
Plate-forme 6.0 mm x 0.7 mm, lisse
Plataforma 6.0 mm x 0.7 mm, lisa
Piano per sutura 6.0 mm x 0.7 mm, liscio

1x2 1x2

Mikropinzetten
Micro forceps

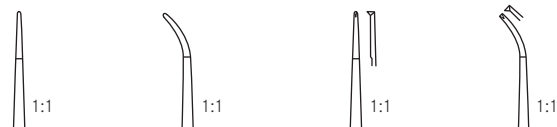
Micro pincers
Micro pinzas
Pinze per microchirurgia

 diamantiert
diamond coated
diamanté
diamantada
diamantato



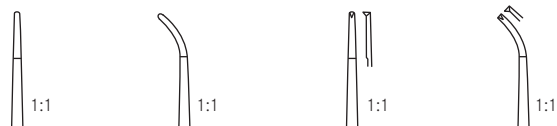
8 mm Ø	0.3 mm	0.3 mm	0.7 mm	0.7 mm
150 mm – 6"	tk 25686-13	tk 25686-14	tk 25686-15	tk 25686-16
180 mm – 7"	tk 25687-13	tk 25687-14	tk 25687-15	tk 25687-16
210 mm – 8¼"	tk 25688-13	tk 25688-14	tk 25688-15	tk 25688-16
230 mm – 9"	tk 25689-13	tk 25689-14	tk 25689-15	tk 25689-16

diamantiert
diamond coated
diamanté
diamantada
diamantata



8 mm Ø	0.3 mm	0.3 mm	0.7 mm	0.7 mm
150 mm – 6"	tk 25686-17	tk 25686-18	tk 25686-21	tk 25686-22
180 mm – 7"	tk 25687-17	tk 25687-18	tk 25687-21	tk 25687-22
210 mm – 8¼"	tk 25688-17	tk 25688-18	tk 25688-21	tk 25688-22
230 mm – 9"	tk 25689-17	tk 25689-18	tk 25689-21	tk 25689-22

Fadenplatte 6,0 mm x 0,3 mm, diamantiert 1x2 1x2
 Tying platform 6.0 mm x 0.3 mm, diamond coated
 Plate-forme 6.0 mm x 0.3 mm, diamanté
 Plataforma 6.0 mm x 0.3 mm, diamantada
 Piano per sutura 6.0 mm x 0.3 mm, diamantata







8 mm Ø	0.3 mm	0.3 mm	0.7 mm	0.7 mm
150 mm – 6"	tk 25686-19	tk 25686-20	tk 25686-23	tk 25686-24
180 mm – 7"	tk 25687-19	tk 25687-20	tk 25687-23	tk 25687-24
210 mm – 8¼"	tk 25688-19	tk 25688-20	tk 25688-23	tk 25688-24
230 mm – 9"	tk 25689-19	tk 25689-20	tk 25689-23	tk 25689-24

Fadenplatte 6,0 mm x 0,7 mm, diamantiert 1x2 1x2
 Tying platform 6.0 mm x 0.7 mm, diamond coated
 Plate-forme 6.0 mm x 0.7 mm, diamanté
 Plataforma 6.0 mm x 0.7 mm, diamantada
 Piano per sutura 6.0 mm x 0.7 mm, diamantata

Mikropinzetten
Micro forceps

Micro pincers
Micro pinzas
Pinze per microchirurgia






JACOBSON				
160 mm – 6 1/4"	tk 25733-01	tk 25733-02	tk 25733-03	tk 25733-04
180 mm – 7"	tk 25734-01	tk 25734-02	tk 25734-03	tk 25734-04
	gerade, spitz <i>straight, sharp</i> droit, pointue <i>recta, aguda</i> retta, acuta	gerade, stumpf <i>straight, blunt</i> droit, mousse <i>recta, roma</i> retta, smussa	abgewinkelt, spitz <i>angled, sharp</i> angulaire, pointue <i>acodada, aguda</i> angolata, acuta	abgewinkelt, stumpf <i>angled, blunt</i> angulaire, mousse <i>acodada, roma</i> angolata, smussa
160 mm – 6 1/4"	tk 25733-05	tk 25733-06	tk 25733-07	tk 25733-08
180 mm – 7"	tk 25734-05	tk 25734-06	tk 25734-07	tk 25734-08
diamantiert <i>diamond coated</i> diamanté <i>diamantada</i> diamantata	gerade, spitz <i>straight, sharp</i> droit, pointue <i>recta, aguda</i> retta, acuta	gerade, stumpf <i>straight, blunt</i> droit, mousse <i>recta, roma</i> retta, smussa	abgewinkelt, spitz <i>angled, sharp</i> angulaire, pointue <i>acodada, aguda</i> angolata, acuta	abgewinkelt, stumpf <i>angled, blunt</i> angulaire, mousse <i>acodada, roma</i> angolata, smussa

Mikropinzetten
Micro forceps

Micro pincers
Micro pinzas
Pinze per microchirurgia



YASARGIL	 1:1	 1:1	 1:1
	225 mm – 8¾"	225 mm – 8¾"	225 mm – 8¾"
3.0 mm	tk 25580-03	tk 25581-03	tk 25582-03
5.0 mm	tk 25580-05	tk 25581-05	tk 25582-05
	löffelförmig spoon form forme de cuillère forma de cuchara forma di cucchiaio	flach gezahnt plan toothed dentelé dentada dentato	kürettenförmig curette form forme de curette forma de cureta forma di curetta

1:1

Mikropinzetten
Micro forceps

Micro pincers
Micro pinzas
Pinze per microchirurgia



1:1



200 mm – 8"	tk 25732-05	tk 25732-06	tk 25732-07	tk 25732-08
225 mm – 8¾"	tk 25732-13	tk 25732-14	tk 25732-15	tk 25732-16

diamantiert <i>diamond coated</i>	gerade, spitz <i>straight, sharp</i>	gerade, stumpf <i>straight, blunt</i>	abgewinkelt, spitz <i>angled, sharp</i>	abgewinkelt, stumpf <i>angled, blunt</i>
diamanté <i>diamantado</i>	droit, pointue <i>recta, aguda</i>	droit, mousse <i>recta, roma</i>	angulaire, pointue <i>acodada, aguda</i>	angulaire, mousse <i>acodada, roma</i>
diamantato	retta, acuta	retta, smussa	angolata, acuta	angolata, smussa

225 mm – 8¾"	tk 25876-22 Titan	tk 25877-22 Titan
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gerade, spitz <i>straight, sharp</i>	gerade, stumpf <i>straight, blunt</i>
droit, pointue <i>recta, aguda</i>	droit, mousse <i>recta, roma</i>
retta, acuta	retta, smussa

200 mm – 8"	tk 25732-03	tk 25732-04
225 mm – 8¾"	tk 25732-11	tk 25732-12

abgewinkelt, spitz <i>angled, sharp</i>	abgewinkelt, stumpf <i>angled, blunt</i>
angulaire, pointue <i>acodada, aguda</i>	angulaire, mousse <i>acodada, roma</i>
angolata, acuta	angolata, smussa

Mikropinzetten mit Rundgriff
Micro-forceps with round handle

Micro-pince avec manche ronde
Pinzas micro con mango redondo
 Micro pinze con manico rotondo

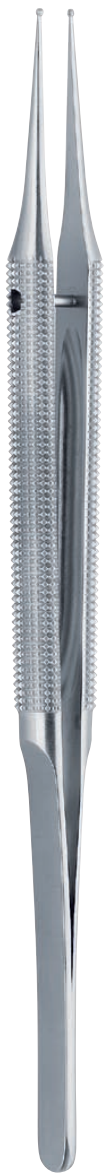


	9 mm Ø	9 mm Ø	9 mm Ø	9 mm Ø
210 mm – 8¼"	tk 25730-01	tk 25730-02	tk 25730-03	tk 25730-04
230 mm – 9"	tk 25730-09	tk 25730-10	tk 25730-11	tk 25730-12
	gerade, spitz <i>straight, sharp</i>	gerade, stumpf <i>straight, blunt</i>	abgewinkelt, spitz <i>angled, sharp</i>	abgewinkelt, stumpf <i>angled, blunt</i>
	droit, pointue <i>recta, aguda</i>	droit, mousse <i>recta, roma</i>	angulaire, pointue <i>acodada, aguda</i>	angulaire, mousse <i>acodada, roma</i>
	retta, acuta	retta, smussa	angolata, acuta	angolata, smussa

	9 mm Ø	9 mm Ø	9 mm Ø	9 mm Ø
210 mm – 8¼"	tk 25730-05	tk 25730-06	tk 25730-07	tk 25730-08
230 mm – 9"	tk 25730-13	tk 25730-14	tk 25730-15	tk 25730-16
diamantiert <i>diamond coated</i>	gerade, spitz <i>straight, sharp</i>	gerade, stumpf <i>straight, blunt</i>	abgewinkelt, spitz <i>angled, sharp</i>	abgewinkelt, stumpf <i>angled, blunt</i>
diamanté <i>diamantada</i>	droit, pointue <i>recta, aguda</i>	droit, mousse <i>recta, roma</i>	angulaire, pointue <i>acodada, aguda</i>	angulaire, mousse <i>acodada, roma</i>
diamantata	retta, acuta	retta, smussa	angolata, acuta	angolata, smussa

Mikro-Ringpinzetten
Micro ring forceps

Micro pinces avec anneaux
Micro pinzas con anillos
Micro pinze con anelli



9 mm Ø	1.0 x 0.5 mm	1.0 x 0.5 mm	2.0 x 1.0 mm	2.0 x 1.0 mm	1.0 x 0.5 mm	2.0 x 1.0 mm
150 mm – 6"	tk 25698-01	tk 25698-02	tk 25698-03	tk 25698-04	tk 25698-05	tk 25698-06
180 mm – 7"	tk 25698-07	tk 25698-08	tk 25698-09	tk 25698-10	tk 25698-11	tk 25698-12
210 mm – 8¼"	tk 25699-01	tk 25699-02	tk 25699-03	tk 25699-04	tk 25699-05	tk 25699-06
230 mm – 9"	tk 25699-07	tk 25699-08	tk 25699-09	tk 25699-10	tk 25699-11	tk 25699-12

glatt <i>smooth</i>	fein gerieft <i>slightly serrated</i>	glatt <i>smooth</i>	fein gerieft <i>slightly serrated</i>	diamantiert <i>diamond coated</i>	diamantiert <i>diamond coated</i>
lisse <i>lisa</i>	légèrement strié <i>lig. estriada</i>	lisse <i>lisa</i>	légèrement strié <i>lig. estriada</i>	diamanté <i>diamantada</i>	diamanté <i>diamantada</i>
liscia	fina zigrinata	liscia	fina zigrinata	diamantata	diamantata



9 mm Ø	1.0 x 0.5 mm	1.0 x 0.5 mm	2.0 x 1.0 mm	2.0 x 1.0 mm	1.0 x 0.5 mm	2.0 x 1.0 mm
150 mm – 6"	tk 25696-01	tk 25696-02	tk 25696-03	tk 25696-04	tk 25696-05	tk 25696-06
180 mm – 7"	tk 25696-07	tk 25696-08	tk 25696-09	tk 25696-10	tk 25696-11	tk 25696-12
210 mm – 8¼"	tk 25697-01	tk 25697-02	tk 25697-03	tk 25697-04	tk 25697-05	tk 25697-06
230 mm – 9"	tk 25697-07	tk 25697-08	tk 25697-09	tk 25697-10	tk 25697-11	tk 25697-12

glatt <i>smooth</i>	fein gerieft <i>slightly serrated</i>	glatt <i>smooth</i>	fein gerieft <i>slightly serrated</i>	diamantiert <i>diamond coated</i>	diamantiert <i>diamond coated</i>
lisse <i>lisa</i>	légèrement strié <i>lig. estriada</i>	lisse <i>lisa</i>	légèrement strié <i>lig. estriada</i>	diamanté <i>diamantada</i>	diamanté <i>diamantada</i>
liscia	fina zigrinata	liscia	fina zigrinata	diamantata	diamantata

Mikro-Ringpinzetten
Micro ring forceps

 Micro pinces avec anneaux
Micro pinzas con anillos
 Micro pinze con anelli


9 mm Ø	1.0 mm x 0.5 mm	1.0 mm x 0.5 mm	2.0 mm x 1.0 mm	2.0 mm x 1.0 mm
210 mm – 8 1/4"	tk 25731-01	tk 25731-02	tk 25731-03	tk 25731-04
230 mm – 9"	tk 25731-07	tk 25731-08	tk 25731-09	tk 25731-10

glatt
smooth
lisse
liso
liscia

gerieft
serrated
strié
estriada
zigrinata

glatt
smooth
lisse
liso
liscia

gerieft
serrated
strié
estriada
zigrinata



9 mm Ø	1.0 mm x 0.5 mm	2.0 mm x 1.0 mm
210 mm – 8 1/4"	tk 25731-05	tk 25731-06
230 mm – 9"	tk 25731-11	tk 25731-12

diamantiert
diamond coated
diamanté
diamantada
diamantata

Atraumatische Mikropinzetten
Atraumatic micro forceps

Micro pincés atraumatiques
Micro pincés atraumaticas
Micro pinze atraumatiche



	x = 1.2 mm	x = 2.0 mm	x = 1.2 mm	x = 2.0 mm
150 mm – 6"	tk 25690-01	tk 25690-02	tk 25690-03	tk 25690-04
180 mm – 7"	tk 25690-05	tk 25690-06	tk 25690-07	tk 25690-08
210 mm – 8¼"	tk 25690-09	tk 25690-10	tk 25690-11	tk 25690-12
230 mm – 9"	tk 25690-13	tk 25690-14	tk 25690-15	tk 25690-16

gerade
straight
droit
recta
retta





gerade
straight
droit
recta
retta

abgewinkelt
angled
angulaire
acodada
angolata

abgewinkelt
angled
angulaire
acodada
angolata

Mikronadelhalter
Micro needle holders





 Micro porte aiguilles
Micro porta agujas
 Micro porta aghi

CASTROVIEJO	 1:1	 1:1	 1:1	 1:1
x = 11.0 mm x 0.75 mm				
140 mm – 5½"	tk 40910-14	tk 40911-14	tk 40912-14	tk 40913-14
ohne Sperre, feines Maul <i>without ratchet, fine jaws</i>	gerade <i>straight</i>	gebogen <i>curved</i>	gerade, diamantiert <i>straight, diamond coated</i>	gebogen, diamantiert <i>curved, diamond coated</i>
sans crémaillère, mors fine <i>sin cremallera, boca fina</i>	droit <i>recta</i>	courbe <i>curva</i>	droit, diamanté <i>recta, diamantada</i>	courbe, diamanté <i>curva, diamantada</i>
senza cremagliera, morso fino	retto	curvo	retto, diamantato	curvo, diamantato
x = 11.0 mm x 0.75 mm				
140 mm – 5½"	tk 40915-14	tk 40917-14	tk 40918-14	tk 40919-14
mit Sperre, feines Maul <i>with ratchet, fine jaws</i>	gerade <i>straight</i>	gebogen <i>curved</i>	gerade, diamantiert <i>straight, diamond coated</i>	gebogen, diamantiert <i>curved, diamond coated</i>
avec crémaillère, mors fine <i>con cremallera, boca fina</i>	droit <i>recta</i>	courbe <i>curva</i>	droit, diamanté <i>recta, diamantada</i>	courbe, diamanté <i>curva, diamantada</i>
con cremagliera, morso fino	retto	curvo	retto, diamantato	curvo, diamantato



Mikronadelhalter | Micro porte aiguilles
 Micro needle holders | Micro porta agujas
 Micro porta aghi

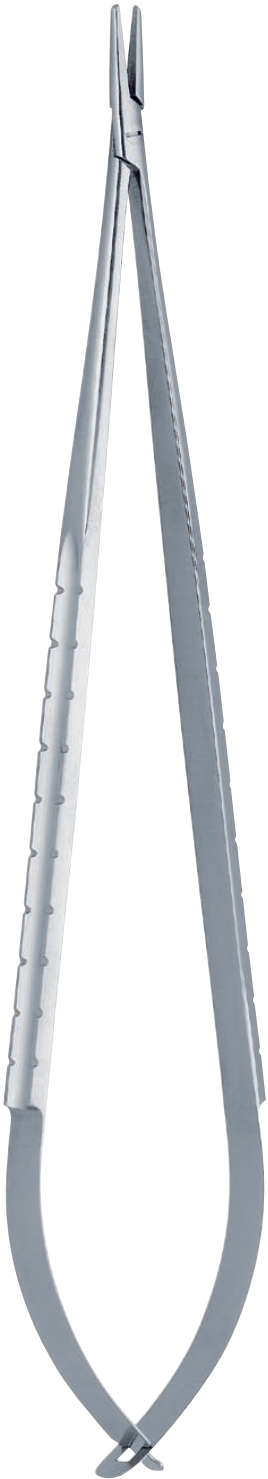






JACOBSON	 1:1	 1:1	 1:1	 1:1
	x = 1 mm	x = 1 mm	x = 1 mm	x = 1 mm
180 mm – 7"	tk 25740-01	tk 25740-02	tk 25740-13	tk 25740-14
ohne Sperre <i>without ratchet</i>	gerade <i>straight</i>	gebogen <i>curved</i>	gerade, diamantiert <i>straight, diamond coated</i>	gebogen, diamantiert <i>curved, diamond coated</i>
sans crémaillère <i>sin cremallera</i>	droit <i>recta</i>	courbe <i>curva</i>	droit, diamanté <i>recta, diamantada</i>	courbe, diamanté <i>curva, diamantada</i>
senza cremagliera <i>retto</i>	retto	curvo	retto, diamantato	curvo, diamantato
	x = 1 mm	x = 1 mm	x = 1 mm	x = 1 mm
180 mm – 7"	tk 25740-03	tk 25740-04	tk 25740-15	tk 25740-16
mit Sperre <i>with ratchet</i>	gerade <i>straight</i>	gebogen <i>curved</i>	gerade, diamantiert <i>straight, diamond coated</i>	gebogen, diamantiert <i>curved, diamond coated</i>
avec crémaillère <i>con cremallera</i>	droit <i>recta</i>	courbe <i>curva</i>	droit, diamanté <i>recta, diamantada</i>	courbe, diamanté <i>curva, diamantada</i>
con cremagliera <i>retto</i>	retto	curvo	retto, diamantato	curvo, diamantato



	 1:1	 1:1	 1:1	 1:1
	x = 1 mm	x = 1 mm	x = 1 mm	x = 1 mm
180 mm – 7"	tk 25740-05 tucar	tk 25740-06 tucar	tk 25740-09 tucar	tk 25740-10 tucar
ohne Sperre <i>without ratchet</i>	gerade, glatt <i>straight, smooth</i>	gebogen, glatt <i>curved, smooth</i>	gerade, gerieft <i>straight, serrated</i>	gebogen, gerieft <i>curved, serrated</i>
sans crémaillère <i>sin cremallera</i>	droit, lisse <i>recta, liso</i>	courbe, lisse <i>curva, lisa</i>	droit, strié <i>recta, estriada</i>	courbe, strié <i>curva, estriada</i>
senza cremagliera <i>retto</i>	retto, liscio	curvo, liscio	retto, zigrinato	curvo, zigrinato
	x = 1 mm	x = 1 mm	x = 1 mm	x = 1 mm
180 mm – 7"	tk 25740-07 tucar	tk 25740-08 tucar	tk 25740-11 tucar	tk 25740-12 tucar
mit Sperre <i>with ratchet</i>	gerade, glatt <i>straight, smooth</i>	gebogen, glatt <i>curved, smooth</i>	gerade, gerieft <i>straight, serrated</i>	gebogen, gerieft <i>curved, serrated</i>
avec crémaillère <i>con cremallera</i>	droit, lisse <i>recta, liso</i>	courbe, lisse <i>curva, lisa</i>	droit, strié <i>recta, estriada</i>	courbe, strié <i>curva, estriada</i>
con cremagliera <i>retto</i>	retto, liscio	curvo, liscio	retto, zigrinato	curvo, zigrinato

Mikronadelhalter
Micro needle holders





 Micro porte aiguilles
Micro porta agujas
 Micro porta aghi


YASARGIL	 1:1	 1:1	 1:1	 1:1
180 mm – 7"	tk 25512-18	tk 25513-18	tk 25514-18	tk 25515-18
200 mm – 8"	tk 25512-20	tk 25513-20	tk 25514-20	tk 25515-20
ohne Sperre <i>without ratchet</i>	gerade <i>straight</i>	gebogen <i>curved</i>	gerade, diamantiert <i>straight, diamond coated</i>	gebogen, diamantiert <i>curved, diamond coated</i>
sans crémaillère <i>sin cremallera</i>	droit <i>recta</i>	courbe <i>curva</i>	droit, diamanté <i>recta, diamantada</i>	courbe, diamanté <i>curva, diamantada</i>
senza cremagliera	retto	curvo	retto, diamantato	curvo, diamantato
180 mm – 7"	tk 25510-18	tk 25511-18	tk 25516-18	tk 25517-18
200 mm – 8"	tk 25510-20	tk 25511-20	tk 25516-20	tk 25517-20
mit Sperre <i>with ratchet</i>	gerade <i>straight</i>	gebogen <i>curved</i>	gerade, diamantiert <i>straight, diamond coated</i>	gebogen, diamantiert <i>curved, diamond coated</i>
avec crémaillère <i>con cremallera</i>	droit <i>recta</i>	courbe <i>curva</i>	droit, diamanté <i>recta, diamantada</i>	courbe, diamanté <i>curva, diamantada</i>
con cremagliera	retto	curvo	retto, diamantato	curvo, diamantato





Mikronadelhalter mit Rundgriff
Micro needle holders with round handle

Micro porte aiguilles avec manche ronde
Micro porta agujas con mango redondo
Micro porta aghi con manico rotondo



YASARGIL	 1:1	 1:1	 1:1	 1:1
	x = 1 mm	x = 1 mm	x = 1 mm	x = 1 mm
210 mm – 8¼"	tk 25623-01	tk 25623-02	tk 25623-13	tk 25623-14
ohne Sperre without ratchet	gerade straight	gebogen curved	gerade, diamantiert straight, diamond coated	gebogen, diamantiert curved, diamond coated
sans crémaillère sin cremallera senza cremagliera	droit recta retto	courbe curva curvo	droit, diamanté recta, diamantado retto, diamantato	courbe, diamanté curva, diamantado curvo, diamantato
	x = 1 mm	x = 1 mm	x = 1 mm	x = 1 mm
210 mm – 8¼"	tk 25623-03	tk 25623-04	tk 25623-15	tk 25623-16
mit Sperre with ratchet	gerade straight	gebogen curved	gerade, diamantiert straight, diamond coated	gebogen, diamantiert curved, diamond coated
avec crémaillère con cremallera con cremagliera	droit recta retto	courbe curva curvo	droit, diamanté recta, diamantada retto, diamantato	courbe, diamanté curva, diamantada curvo, diamantato



	 1:1	 1:1	 1:1	 1:1
	x = 1 mm	x = 1 mm	x = 1 mm	x = 1 mm
210 mm – 8¼"	tk 25623-05 tucark	tk 25623-06 tucark	tk 25623-09 tucark	tk 25623-10 tucark
ohne Sperre without ratchet	gerade, glatt straight, smooth	gebogen, glatt curved, smooth	gerade, gerieft straight, serrated	gebogen, gerieft curved, serrated
sans crémaillère sin cremallera senza cremagliera	droit, lisse recta, lisa retto, liscio	courbe, lisse curva, lisa curvo, liscio	droit, strié recta, estriada retto, zigrinato	courbe, strié curva, estriada curvo, zigrinato
	x = 1 mm	x = 1 mm	x = 1 mm	x = 1 mm
210 mm – 8¼"	tk 25623-07 tucark	tk 25623-08 tucark	tk 25623-11 tucark	tk 25623-12 tucark
mit Sperre with ratchet	gerade, glatt straight, smooth	gebogen, glatt curved, smooth	gerade, gerieft straight, serrated	gebogen, gerieft curved, serrated
avec crémaillère con cremallera con cremagliera	droit, lisse recta, lisa retto, liscio	courbe, lisse curva, lisa curvo, liscio	droit, strié recta, estriada retto, zigrinato	courbe, strié curva, estriada curvo, zigrinato



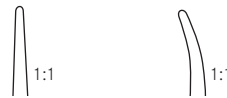
Auf Anfrage mit kräftigem Maul 1.5 mm – 2.0 mm lieferbar.
On request also available with stronger jaw 1.5 mm – 2.0 mm.

Egalement disponible avec mors plus gros 1.5 mm – 2.0 mm.
También disponible con boca mas fuerte 1.5 mm – 2.0 mm.

A richiesta fornibile anche con morso più forte di mm 1.5 a mm 2.0.

Mikronadelhalter mit Rundgriff
Micro needle holders with round handle

Micro porte aiguilles avec manche ronde
Micro porta agujas con mango redondo
 Micro porta aghi con manico rotondo



110 mm – 4 1/4"	8 mm Ø	tk 25637-11	tk 25638-11
125 mm – 5"	7 mm Ø	tk 25654-12	tk 25655-12
130 mm – 5"	8 mm Ø	tk 25658-13	tk 25659-13
130 mm – 5"	10 mm Ø	tk 25652-13	tk 25653-13
150 mm – 6"	8 mm Ø	tk 25640-15	tk 25641-15
180 mm – 7"	8 mm Ø	tk 25664-18	tk 25665-18
180 mm – 7"	10 mm Ø	tk 25668-18	tk 25669-18

ohne Sperre
without ratchet
 sans crémaillère
sin cremallera
 senza cremagliera

gerade
straight

gebogen
curved

droit
recta
 retto

courbe
curva
 curvo

110 mm – 4 1/4"	8 mm Ø	tk 25635-11	tk 25636-11
125 mm – 5"	7 mm Ø	tk 25656-12	tk 25657-12
130 mm – 5"	8 mm Ø	tk 25662-13	tk 25663-13
130 mm – 5"	10 mm Ø	tk 25645-13	tk 25646-13
150 mm – 6"	8 mm Ø	tk 25642-15	tk 25643-15
180 mm – 7"	8 mm Ø	tk 25666-18	tk 25667-18
180 mm – 7"	10 mm Ø	tk 25670-18	tk 25671-18

mit Sperre
with ratchet
 avec crémaillère
con cremallera
 con cremagliera

gerade
straight

gebogen
curved





droit
recta
 retto

courbe
curva
 curvo

Mikronadelhalter mit Rundgriff
Micro needle holders with round handle

Micro porte aiguilles avec manche ronde
Micro porta agujas con mango redondo
 Micro porta aghi con manico rotondo



BARRAQUER		 1:1	 1:1	 1:1	 1:1
140 mm – 5½"	8 mm Ø	tk 25622-01	tk 25622-02	tk 25622-05	tk 25622-06
ohne Sperre, sehr feines Maul <i>without ratchet, extra delicate jaws</i>	gerade <i>straight</i>	gebogen <i>curved</i>	gerade, diamantiert <i>straight, diamond coated</i>	gebogen, diamantiert <i>curved, diamond coated</i>	
sans crémaillère, mors très fine <i>sin cremallera, boca muy fina</i>	droit <i>recta</i>	courbe <i>curva</i>	droit, diamanté <i>recta, diamantada</i>	courbe, diamanté <i>curva, diamantada</i>	
senza cremagliera, morso molto fino	retto	curvo	retto, diamantato	curvo, diamantato	
140 mm – 5½"	8 mm Ø	tk 25622-03	tk 25622-04	tk 25622-07	tk 25622-08
mit Sperre, sehr feines Maul <i>with ratchet, extra delicate jaws</i>	gerade <i>straight</i>	gebogen <i>curved</i>	gerade, diamantiert <i>straight, diamond coated</i>	gebogen, diamantiert <i>curved, diamond coated</i>	
avec crémaillère, mors très fine <i>con cremallera, boca muy fina</i>	droit <i>recta</i>	courbe <i>curva</i>	droit, diamanté <i>recta, diamantada</i>	courbe, diamanté <i>curva, diamantada</i>	
con cremagliera, morso molto fino	retto	curvo	retto, diamantato	curvo, diamantato	

Mikronadelhalter
Micro needle holders

Micro porte aiguilles
Micro porta agujas
Micro porta aghi



150 mm – 6" 9 mm Ø

tk 25685-15

ohne Sperre, gebogen
without ratchet, curved
sans crémaillère, courbe
sin cremallera, curvo
senza cremagliera, curvo

1:1



Mikronadelhalter
Micro needle holders

Micro porte aiguilles
Micro porta agujas
Micro porta aghi



Das 2 in 1 System erlaubt die Benutzung der Nadelhalter, selbst während des Eingriffs, mit Sperre (Fig. A) oder ohne Sperre (Fig. B). Außer dem wirtschaftlichen Aspekt, der für dieses System spricht, erhöht sich auch die Zuverlässigkeit der Instrumente.

The 2 in 1 system allows to switch intraoperatively from lock (Fig. A) to lock free (Fig. B) use of the needle holder. In addition to cost effectiveness, this new concept provides better reliability.

Le système 2 in 1 permet d'utiliser, même en cours d'intervention, les porte-aiguille avec verrou (Fig. A) ou sans verrou (Fig. B). En dehors de l'aspect économique, ce nouveau concept apporte une plus grande fiabilité.

El sistema 2 in 1 permite utilizar el portaaguja con cerrojo (Fig. A) o sin cerrojo (Fig. B) incluso durante la intervención. Aparte del aspecto económico, este nuevo concepto aporta una mayor fiabilidad.

Il sistema 2 in 1 permette di utilizzare, anche in corso d'intervento il portaghi con la chiusura (Fig. A) o senza (Fig. B). Questo nuovo concetto assicura una maggiore affidabilità.

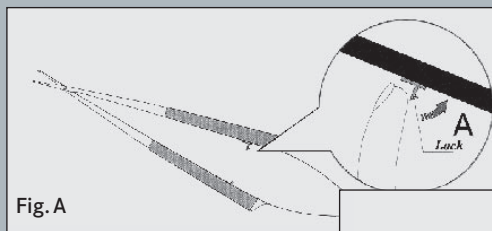


Fig. A

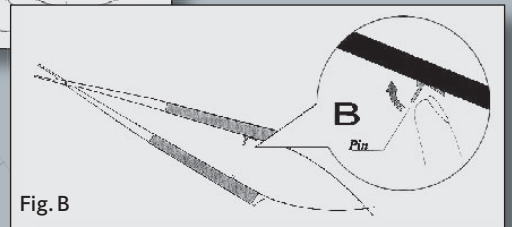
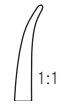
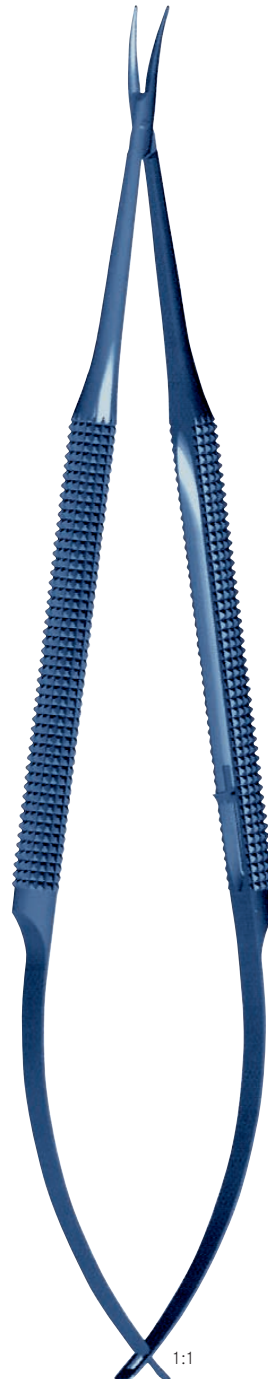


Fig. B

Mikronadelhalter
Micro needle holders

Micro porte aiguilles
Micro porta agujas
Micro porta aghi

TITAN **TK**



	0.3 mm x 0.4 mm	0.3 mm x 0.4 mm
180 mm – 7"	tk 25685-07	tk 25685-08

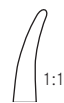
Titan, mit Sperre

Titanium, with ratchet

Titane, avec crémaillère

Titano, con cremallera

Titanio, con cremagliera



	0.8 mm x 0.8 mm	0.8 mm x 0.8 mm
185 mm – 7 1/4"	tk 25685-09	tk 25685-10

Titan, mit Sperre

Titanium, with ratchet

Titane, avec crémaillère

Titano, con cremallera

Titanio, con cremagliera

Mikronadelhalter
Micro needle holders

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Micro porta agujas
Micro porta aghi



	0.5 mm x 0.8 mm	0.5 mm x 0.8 mm
200 mm – 8"	tk 25685-11	tk 25685-12

Titan, mit Sperre
Titanium, with ratchet
Titane, avec crémaillère
Titano, con cremallera
Titanio, con cremagliera



	0.4 x 0.6 mm	0.4 x 0.6 mm	0.6 x 0.6 mm	0.6 x 0.6 mm
200 mm – 8"	tk 25685-13	tk 25685-14	tk 25685-15	tk 25685-16

Titan, mit Sperre
Titanium, with ratchet
Titane, avec crémaillère
Titano, con cremallera
Titanio, con cremagliera

Mikronadelhalter
Micro needle holders

Micro porte aiguilles
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225 mm – 8¾" "	tk 25563-22	tk 25564-22
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225 mm – 8¾" "	tk 25565-22	tk 25566-22
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TUCAR

225 mm – 8¾" "	tk 25863-22 Titan	tk 25864-22 Titan
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TITAN

ohne Sperre
without ratchet
sans crémaillère
sin cremallera
senza cremagliera

225 mm – 8¾" "	tk 25567-22	tk 25568-22
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225 mm – 8¾" "	tk 25569-22	tk 25570-22
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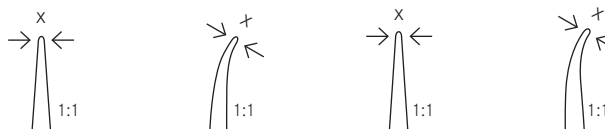
TITAN

mit Sperre
with ratchet
avec crémaillère
con cremallera
con cremagliera

1:1

Mikronadelhalter mit gedrehtem Schluss
Micro needle holders, 90° twisted

Micro porte aiguilles, tordus de 90°
 Micro porta agujas, giradas de 90°
 Porta aghi per micro-neurochirurgia



	x = 0.4 mm	x = 0.4 mm	x = 0.9 mm	x = 0.9 mm
200 mm – 8"	tk 25700-01	tk 25700-02	tk 25700-03	tk 25700-04
225 mm – 8¾"	tk 25700-09	tk 25700-10	tk 25700-11	tk 25700-12
240 mm – 9½"	tk 25702-01	tk 25702-02	tk 25702-03	tk 25702-04

ohne Sperre <i>without ratchet</i>	gerade <i>straight</i>	gebogen <i>curved</i>	gerade <i>straight</i>	gebogen <i>curved</i>
sans crémaillère <i>sin cremallera</i>	droit <i>recta</i>	courbe <i>curva</i>	droit <i>recta</i>	courbe <i>curva</i>
senza cremagliera	retto	curvo	retto	curvo

	x = 0.4 mm	x = 0.4 mm	x = 0.9 mm	x = 0.9 mm
200 mm – 8"	tk 25700-05	tk 25700-06	tk 25700-07	tk 25700-08
225 mm – 8¾"	tk 25700-13	tk 25700-14	tk 25700-15	tk 25700-16
240 mm – 9½"	tk 25702-05	tk 25702-06	tk 25702-07	tk 25702-08

ohne Sperre, diamantiert <i>without ratchet, diamond coated</i>	gerade <i>straight</i>	gebogen <i>curved</i>	gerade <i>straight</i>	gebogen <i>curved</i>
sans crémaillère, diamanté <i>sin cremallera, diamantada</i>	droit <i>recta</i>	courbe <i>curva</i>	droit <i>recta</i>	courbe <i>curva</i>
senza cremagliera, diamantato	retto	curvo	retto	curvo







Diese Nadelhalter sind auch mit Sperre erhältlich.
These needle holders are also available with ratchet.

Ces porte aiguilles sont également disponibles avec crémaillère.
Estas porta agujas son también disponibles con cremallera.
 Questi port'aghi son fornibili anche con cremagliera.

Mikronadelhalter
Micro needle holders

 Micro porte aiguilles
Micro porta agujas
 Micro porta aghi

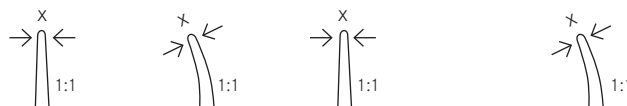

JACOBSON	 1:1	 1:1	 1:1	 1:1
180 mm – 7"	tk 25701-01	tk 25701-02	tk 25701-05	tk 25701-06
ohne Sperre <i>without ratchet</i>	gerade <i>straight</i>	gebogen <i>curved</i>	gerade, diamantiert <i>straight, diamond coated</i>	gebogen, diamantiert <i>curved, diamond coated</i>
sans crémaillère <i>sin cremallera</i>	droit <i>recta</i>	courbe <i>curva</i>	droit, diamanté <i>recta, diamantada</i>	courbe, diamanté <i>curva, diamantada</i>
senza cremagliera	retto	curvo	retto, diamantato	curvo, diamantato
180 mm – 7"	tk 25701-03	tk 25701-04	tk 25701-07	tk 25701-08
mit Sperre <i>with ratchet</i>	gerade <i>straight</i>	gebogen <i>curved</i>	gerade, diamantiert <i>straight, diamond coated</i>	gebogen, diamantiert <i>curved, diamond coated</i>
avec crémaillère <i>con cremallera</i>	droit <i>recta</i>	courbe <i>curva</i>	droit, diamanté <i>recta, diamantada</i>	courbe, diamanté <i>curva, diamantadao</i>
con cremagliera	retto	curvo	retto, diamantato	curvo, diamantato



Diese Nadelhalter sind auch mit Sperre erhältlich.
These needle holders are also available with ratchet.

Ces porte aiguilles sont également disponibles avec crémaillère.
Estas porta agujas son también disponibles con cremallera.
 Questi port'aghi son fornibili anche con cremagliera.

Mikronadelhalter | Micro porte aiguilles
 Micro needle holders | Micro porta agujas
 Micro porta aghi



9 mm Ø	x = 1.0 mm	x = 1.0 mm	x = 1.0 mm	x = 1.0 mm
230 mm – 9"	tk 25624-01	tk 25624-02	tk 25624-13	tk 25624-14
ohne Sperre <i>without ratchet</i>	gerade <i>straight</i>	gebogen <i>curved</i>	gerade, diamantiert <i>straight, diamond coated</i>	gebogen, diamantiert <i>curved, diamond coated</i>
sans crémaillère <i>sin cremallera</i> senza cremagliera	droit <i>recta</i> retto	courbe <i>curva</i> curvo	droit, diamanté <i>recta, diamantada</i> retto, diamantato	courbe, diamanté <i>curva, diamantada</i> curvo, diamantato

9 mm Ø	x = 1.0 mm	x = 1.0 mm	x = 1.0 mm	x = 1.0 mm
230 mm – 9"	tk 25624-03	tk 25624-04	tk 25624-15	tk 25624-16
mit Sperre <i>with ratchet</i>	gerade <i>straight</i>	gebogen <i>curved</i>	gerade, diamantiert <i>straight, diamond coated</i>	gebogen, diamantiert <i>curved, diamond coated</i>
avec crémaillère <i>con cremallera</i> con cremagliera	droit <i>recta</i> retto	courbe <i>curva</i> curvo	droit, diamanté <i>recta, diamantada</i> retto, diamantato	courbe, diamanté <i>curva, diamantada</i> curvo, diamantato

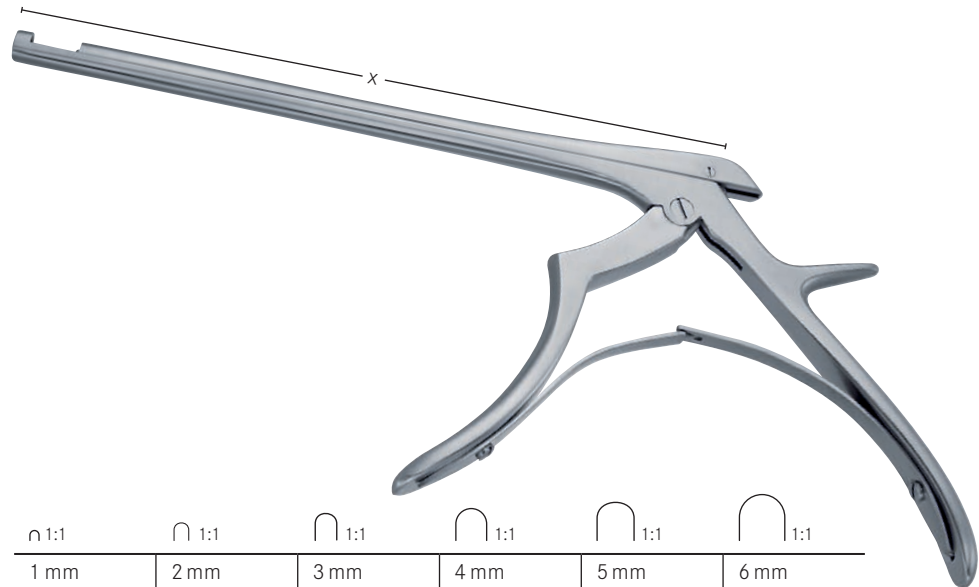


9 mm Ø				
230 mm – 9"	tk 25624-05 tucar	tk 25624-06 tucar	tk 25624-09 tucar	tk 25624-10 tucar
ohne Sperre <i>without ratchet</i>	gerade, glatt <i>straight, smooth</i>	gebogen, glatt <i>curved, smooth</i>	gerade, gerieft <i>straight, serrated</i>	gebogen, gerieft <i>curved, serrated</i>
sans crémaillère <i>sin cremallera</i> senza cremagliera	droit, lisse <i>recta, lisa</i> retto, liscio	courbe, lisse <i>curva, lisa</i> curvo, liscio	droit, strié <i>recta, estriada</i> retto, zigrinato	courbe, strié <i>curva, estriada</i> curvo, zigrinato

9 mm Ø				
230 mm – 9"	tk 25624-07 tucar	tk 25624-08 tucar	tk 25624-11 tucar	tk 25624-12 tucar
mit Sperre <i>with ratchet</i>	gerade, glatt <i>straight, smooth</i>	gebogen, glatt <i>curved, smooth</i>	gerade, gerieft <i>straight, serrated</i>	gebogen, gerieft <i>curved, serrated</i>
avec crémaillère <i>con cremallera</i> con cremagliera	droit, lisse <i>recta, lisa</i> retto, liscio	courbe, lisse <i>curva, lisa</i> curvo, liscio	droit, strié <i>recta, estriada</i> retto, zigrinato	courbe, strié <i>curva, estriada</i> curvo, zigrinato

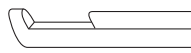
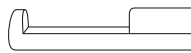
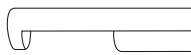
Laminektomiestanzen
Laminectomy punches

Pinces emporte-pièces à laminectomie
Pinzas cortantes para laminectomía
Pinze taglienti per laminectomia



∩ 1:1	∩ 1:1	∩ 1:1	∩ 1:1	∩ 1:1	∩ 1:1
1 mm	2 mm	3 mm	4 mm	5 mm	6 mm

FERRIS- SMITH-KERRISON



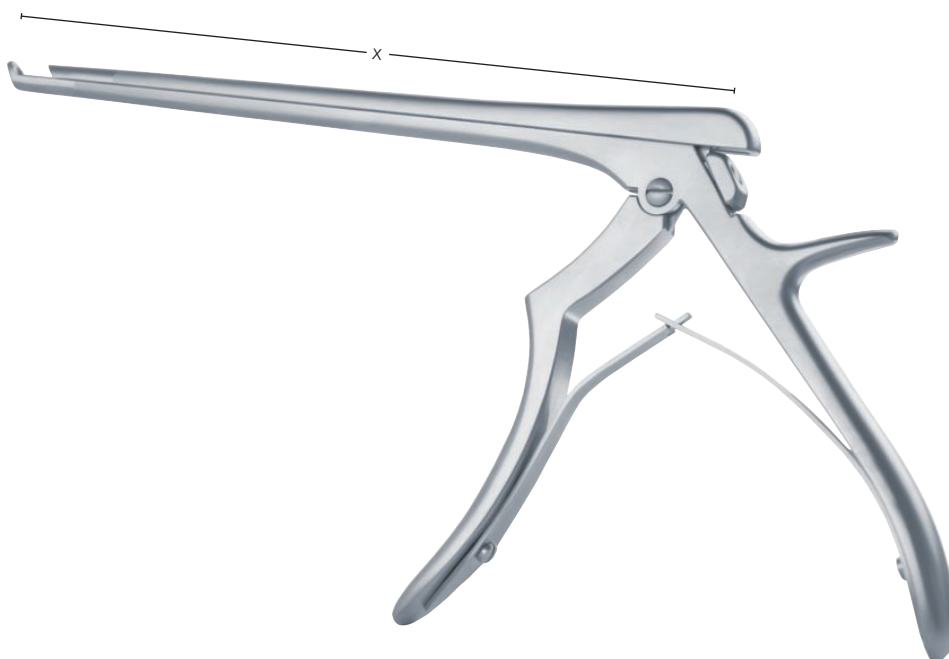
	x = 150mm – 6"	x = 180mm – 7"	x = 200mm – 8"	x = 230mm – 9"
1 mm	tk 28001-01	tk 28002-01	tk 28003-01	tk 28004-01
2 mm	tk 28001-02	tk 28002-02	tk 28003-02	tk 28004-02
3 mm	tk 28001-03	tk 28002-03	tk 28003-03	tk 28004-03
4 mm	tk 28001-04	tk 28002-04	tk 28003-04	tk 28004-04
5 mm	tk 28001-05	tk 28002-05	tk 28003-05	tk 28004-05
6 mm	tk 28001-06	tk 28002-06	tk 28003-06	tk 28004-06
1 mm	tk 28005-01	tk 28006-01	tk 28007-01	tk 28008-01
2 mm	tk 28005-02	tk 28006-02	tk 28007-02	tk 28008-02
3 mm	tk 28005-03	tk 28006-03	tk 28007-03	tk 28008-03
4 mm	tk 28005-04	tk 28006-04	tk 28007-04	tk 28008-04
5 mm	tk 28005-05	tk 28006-05	tk 28007-05	tk 28008-05
6 mm	tk 28005-06	tk 28006-06	tk 28007-06	tk 28008-06
1 mm	tk 28010-01	tk 28011-01	tk 28012-01	tk 28013-01
2 mm	tk 28010-02	tk 28011-02	tk 28012-02	tk 28013-02
3 mm	tk 28010-03	tk 28011-03	tk 28012-03	tk 28013-03
4 mm	tk 28010-04	tk 28011-04	tk 28012-04	tk 28013-04
5 mm	tk 28010-05	tk 28011-05	tk 28012-05	tk 28013-05
6 mm	tk 28010-06	tk 28011-06	tk 28012-06	tk 28013-06
1 mm		tk 28090-01		
2 mm		tk 28090-02		tk 28095-02
3 mm		tk 28090-03		tk 28095-03
4 mm		tk 28090-04		tk 28095-04
5 mm		tk 28090-05		tk 28095-05
6 mm		tk 28090-06		tk 28095-06

Dünne Fußplatte
Thin footplate

Plaque de coupe étroite
Lámina de punzonar estrecha
Battente sottile



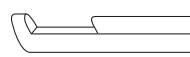
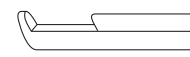
Zerlegbare Laminektomiestanzen
Dismantable laminectomy punches

Pinces emporte-pièces démontables à laminectomie
Pinzas cortantes desmontables para laminectomía
Pinze taglianti smontabili per laminectomia



∩ 1:1	∩ 1:1	∩ 1:1	∩ 1:1	∩ 1:1	∩ 1:1
1 mm	2 mm	3 mm	4 mm	5 mm	6 mm

FERRIS- SMITH-KERRISON

	x = 180 mm - 7"	x = 200 mm - 8"	x = 230 mm - 9"
	1 mm tk 28002-01Z		
	2 mm tk 28002-02Z		tk 28008-02Z
	3 mm tk 28002-03Z		tk 28008-03Z
	4 mm tk 28002-04Z		tk 28008-04Z
	5 mm tk 28002-05Z		tk 28008-05Z
	6 mm tk 28002-06Z		tk 28008-06Z
	1 mm tk 28006-01Z		
	2 mm tk 28006-02Z		tk 28009-02Z
	3 mm tk 28006-03Z		tk 28009-03Z
	4 mm tk 28006-04Z		tk 28009-04Z
	5 mm tk 28006-05Z		tk 28009-05Z
	6 mm tk 28006-06Z		tk 28009-06Z
	1 mm tk 28011-01Z		
	2 mm tk 28011-02Z	tk 28013-02Z	tk 28015-02Z
	3 mm tk 28011-03Z	tk 28013-03Z	tk 28015-03Z
	4 mm tk 28011-04Z	tk 28013-04Z	tk 28015-04Z
	5 mm tk 28011-05Z	tk 28013-05Z	tk 28015-05Z
	6 mm tk 28011-06Z	tk 28013-06Z	tk 28015-06Z
	1 mm tk 28090-01Z		
	2 mm tk 28090-02Z		tk 28095-02Z
	3 mm tk 28090-03Z		tk 28095-03Z
	4 mm tk 28090-04Z		tk 28095-04Z
	5 mm tk 28090-05Z		tk 28095-05Z
	6 mm tk 28090-06Z		tk 28095-06Z

Dünne Fußplatte
Thin footplate

Plaque de coupe étroite
Lámina de punzonar estrecha
Battente sottile

Zerlegbare Laminektomiestanzen
Dismantable laminectomy punches

Pinces emporte-pièces démontables à laminectomie
 Pinzas cortantes desmontables para laminectomía
 Pinze taglienti smontabili per laminectomia

Einfaches Zerlegen und Montieren

Easy dismantling and assembling

Démontage et montage facile

Sencillo desmontaje y montaje

Semplicità di smontaggio e assemblaggio

zerlegbar für leichtes Reinigen und bessere Hygiene
dismantable for easy cleaning and better hygiene
 démontable pour nettoyage facile et meilleure hygiène
desmontable para una óptima limpieza y esterilización
 smontare significa avere maggiore pulizia ed igiene



Zerlegen

Dismantling

Démontage

Desmontaje

Smontaggio



geschlossene Position
closed position
 position fermée
posición cerrada
 posizione chiuso



Drehung zum Öffnen
turn to open
 position ouverture
girar para abrir
 giro per aprire

1. Öffnen der Verschlusscheibe durch Vierteldrehung.
Opening of the locking nut by a quarter turn.

Tourner la disque arrière de 90° à gauche pour ouvrir.
Girar de 90° el disco de cierre.
 Girare di 90° il disco di chiusura.

2. Den Schlitten (oberes Stanzteil) nach hinten abziehen.
Pulling backwards of the upper cutting part.

Tirer la partie supérieure vers l'arrière.
Tirar la parte superior del vástago hacia atrás.
 Sfilare la slitta (parte superiore) tirandola indietro.



Zerlegbare Laminektomiestanzen Dismantable laminectomy punches

Pinces emporte-pièces démontables à laminectomie
Pinzas cortantes desmontables para laminectomía
Pinze taglianti smontabili per laminectomia

Zuordnung

Relation

Classement

Asignación

Aggiungere

- des oberen Stanzteils zum Basis-Instrument erfolgt durch Nummern-Code.
- *the upper cutting part with the basic instrument is related by numerical codes.*
- des pièces démontées par un code numérique.
- *de las partes desmontadas a través un código numérico.*
- unire la slitta e lo strumento base con lo stesso codice di riferimento.

Montieren

Assembling

Montage

Montaje

Montaggio

1. Verschlusscheibe ist in geöffneter Position.

Locking nut in open position.

Disque en position ouverte.

El disco de cierre se encuentra en la posición de apertura.

Il disco di chiusura è nella posizione "aperto".

2. Aufschieben des Schlittens (oberes Stanzteil).

Positioning of upper cutting part.

Faire glisser la partie supérieure en direction avant.

Inserir la parte superior del vástago en dirección hacia delante.

Inserire la slitta (parte superiore dello strumento).

3. Zangenmaul schliessen durch Zusammendrücken der beiden Griffenden.

Closing of punch jaws by pressing both handles.

Serrer la poignée.

Cerrar el bocado (punta) de la pinza comprimiendo el mango.

Chiudere il morso della pinza premendo il manico.

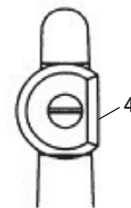
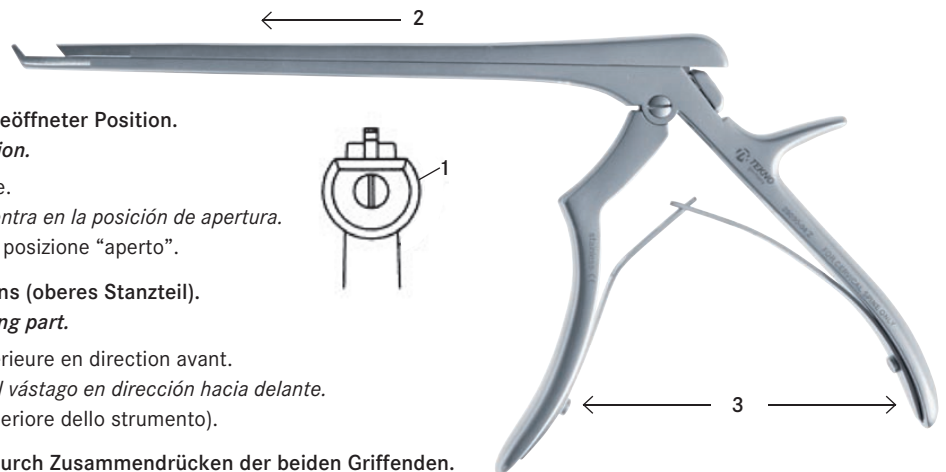
4. Verriegelung durch Verschlussschraube (eine Vierteldrehung nach rechts).

Interlocking of locking screw by a quarter turn to the right side.

Pour fermer tourner la disque arrière de 90° à droite.

Bloquear la pinza girando el disco de cierre de 90°.

Chiudere la pinza con un giro di 90° del disco di chiusura.



Einsatzbereit

Ready for use

Pince prêt pour l'utilisation

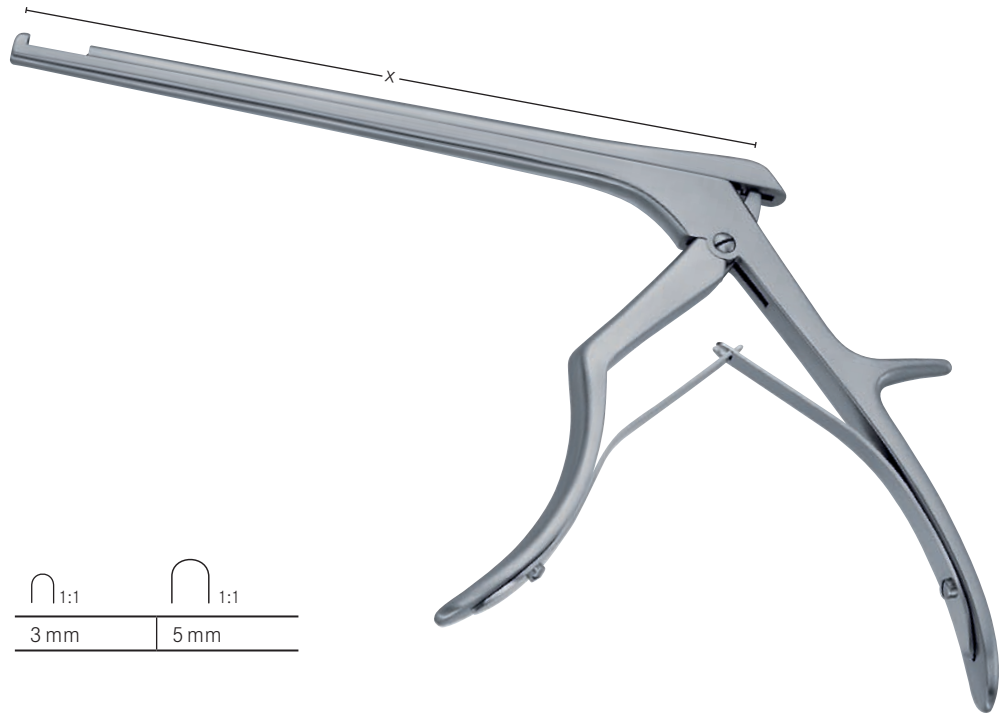
La pinza esta lista para su uso

Lo strumento è pronto

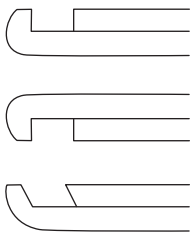


Laminektomiestanzen
Laminectomy punches

Pinces emporte-pièces à laminectomie
Pinzas cortantes para laminectomía
Pinze taglienti per laminectomia



COLCLOUGH

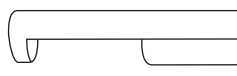



	x = 150 mm – 6"	x = 200 mm – 8"
3 mm	tk 28016-03	tk 28017-03
5 mm	tk 28016-05	tk 28017-05
3 mm	tk 28018-03	tk 28019-03
5 mm	tk 28018-05	tk 28019-05
3 mm	tk 28022-03	tk 28023-03
5 mm	tk 28022-05	tk 28023-05

Laminektomiestanzen
Laminectomy punches

Pinces emporte-pièces à laminectomie
Pinzas cortantes para laminectomía
Pinze taglianti per laminectomia

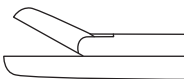
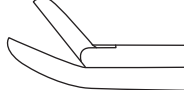




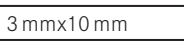
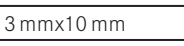
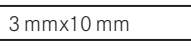

FERRIS-SMITH-KERRISON		
		x = 180 mm - 7"
	5 mm	tk 28024-01
	5 mm	tk 28024-02

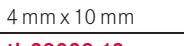

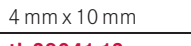

Laminektomiezanzen
Laminectomy rongeurs



Pinces emporte-pièces à laminectomie
Pinzas cortantes para laminectomía
Pinze taglianti per laminectomia



		CUSHING		
				
 1:1		2 mm x 10 mm	2 mm x 10 mm	2 mm x 10 mm
	x = 130 mm – 5"	tk 28030-13	tk 28031-13	tk 28033-13
	x = 180 mm – 7"	tk 28030-18	tk 28031-18	tk 28033-18
	x = 220 mm – 8¾"	tk 28030-22	tk 28031-22	tk 28033-22

		LOVE-GRUENWALD		
				
 1:1		3 mm x 10 mm	3 mm x 10 mm	3 mm x 10 mm
	x = 130 mm – 5"	tk 28034-13	tk 28035-13	tk 28037-13
	x = 180 mm – 7"	tk 28034-18	tk 28035-18	tk 28037-18
	x = 220 mm – 8¾"	tk 28034-22	tk 28035-22	tk 28037-22

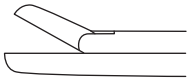
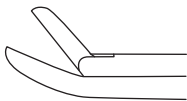
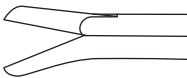




		SPURLING		
				
 1:1		4 mm x 10 mm	4 mm x 10 mm	4 mm x 10 mm
	x = 130 mm – 5"	tk 28038-13	tk 28039-13	tk 28041-13
	x = 180 mm – 7"	tk 28038-18	tk 28039-18	tk 28041-18
	x = 220 mm – 8¾"	tk 28038-22	tk 28039-22	tk 28041-22

		CLOWARD		
				
 1:1		6 mm x 10 mm		
	x = 180 mm – 7"	tk 28042-18		

Laminektomiezangen
Laminectomy rongeurs

Pinces emporte-pièces à laminectomie
Pinzas cortantes para laminectomía
Pinze taglianti per laminectomia



	FERRIS-SMITH			
		x = 180 mm – 7"	x = 180 mm – 7"	x = 180 mm – 7"
 1:1	2 mm x 10 mm	tk 28050-02	tk 28051-02	tk 28053-02
 1:1	3 mm x 10 mm	tk 28050-03	tk 28051-03	tk 28053-03
 1:1	4 mm x 10 mm	tk 28050-04	tk 28051-04	tk 28053-04
 1:1	6 mm x 10 mm	tk 28050-06		



Andere Längen und Ausführungen sind auf Anfrage lieferbar.

Other lengths and executions are available upon request.

Autres longueurs et exécutions sont disponibles sur demande.

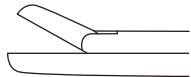

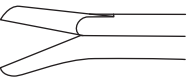
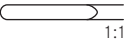
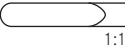
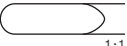
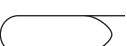
Otras longitudes y ejecuciones son disponibles según demanda.

Altre lunghezze e modelli fornibili a richiesta.

Laminektomieezangen
Laminectomy rongeurs

Pinces emporte-pièces à laminectomie
Pinzas cortantes para laminectomía
Pinze taglianti per laminectomia



	CASPAR			
		x = 155 mm – 6"	x = 155 mm – 6"	x = 155 mm – 6"
 1:1	2 mm	tk 28025-02	tk 28026-02	tk 28027-02
 1:1	3 mm	tk 28025-03	tk 28026-03	tk 28027-03
 1:1	4 mm	tk 28025-04	tk 28026-04	tk 28027-04
 1:1	5 mm	tk 28025-05		

Laminektomieezangen
Laminectomy rongeurs

Pinces emporte-pièces à laminectomie
Pinzas cortantes para laminectomía
Pinze taglianti per laminectomia



OLDENBERG	○ 1:1	○ 1:1
x = 180 mm – 7"	3.5 mm Ø	6.0 mm Ø
170 mm – 6¾"	tk 28075-25	tk 28074-25

1:2



SCHLESINGER	
	3 mm x 10 mm
	x = 125 mm – 5"
190 mm – 7½"	tk 28070-19

gezahnt
saw edge
dentelé
dentada
dentata

1:2

Laminektomiezangen
Laminectomy rongeurs

Pinces emporte-pièces à laminectomie
Pinzas cortantes para laminectomía
Pinze taglianti per laminectomia



Maul gefenstert und gezahnt
Jaw fenestrated and serrated
Mors fenêtré et dentelé
Boca con orificio y dentada
Morso finestrato e dentellato



CASPAR

	x = 140 mm – 5½"	x = 160 mm – 6¼"	x = 185 mm – 7¼"
2 mm x 12 mm	tk 28080-02	tk 28081-02	tk 28082-02
3 mm x 12 mm	tk 28080-03	tk 28081-03	tk 28082-03
4 mm x 14 mm	tk 28080-04	tk 28081-04	tk 28082-04
5 mm x 14 mm		tk 28081-05	tk 28082-05
6 mm x 16 mm		tk 28081-06	tk 28082-06



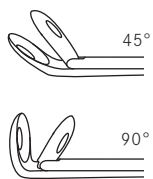
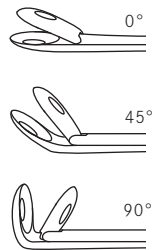
	x = 140 mm – 5½"	x = 160 mm – 6¼"	x = 185 mm – 7¼"
3 mm x 12 mm	tk 28083-03	tk 28084-03	tk 28085-03
4 mm x 14 mm	tk 28083-04	tk 28084-04	tk 28085-04
5 mm x 14 mm		tk 28084-05	tk 28085-05



	x = 140 mm – 5½"	x = 160 mm – 6¼"	x = 185 mm – 7¼"
3 mm x 12 mm	tk 28086-03	tk 28087-03	tk 28088-03
4 mm x 14 mm	tk 28086-04	tk 28087-04	tk 28088-04

Laminektomiezangen
Laminectomy rongeurs

Pinces emporte-pièces à laminectomie
Pinzas cortantes para laminectomía
Pinze taglianti per laminectomia



WEIL-
BLAKESLEY

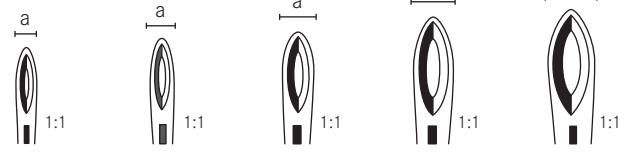


	Fig. 1	Fig. 2	Fig. 3	Fig. 4	Fig. 5
	a=3.0 mm	a=3.5 mm	a=4.5 mm	a=5.0 mm	a=5.5 mm
x = 120 mm - 4¾"	tk 51155-01	tk 51155-02	tk 51155-03	tk 51155-04	tk 51155-05

x = 120 mm - 4¾"	tk 51158-01	tk 51158-02	tk 51158-03	tk 51158-04	
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x = 120 mm - 4¾"	tk 51159-01	tk 51159-02	tk 51159-03		
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	Fig. 1	Fig. 2	Fig. 3	Fig. 4	Fig. 5
	a=3.0 mm	a=3.5 mm	a=4.5 mm	a=5.0 mm	a=5.5 mm

x = 180 mm - 7"	tk 51160-01	tk 51160-02	tk 51160-03	tk 51160-04	tk 51160-05
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x = 180 mm - 7"	tk 51161-01	tk 51161-02	tk 51161-03	tk 51161-04	
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Thorax, Lunge
Thorax, Lung

Thorax, Poumon
Tórax, Pulmón
 Torace, Polmone

Rippenscheren
Rib shears

Costotomes
Costótomos
Costotomi

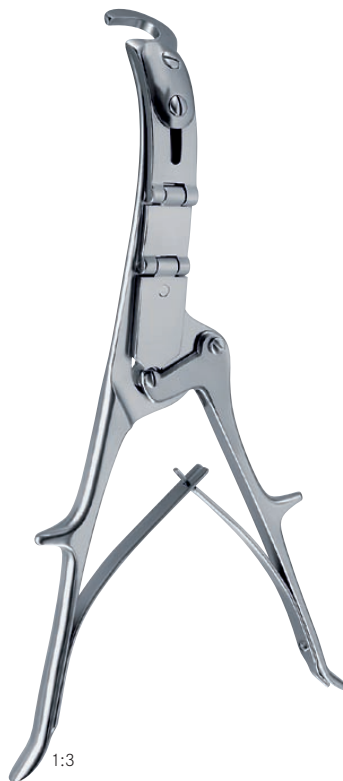


Rippenscheren
Rib shears

Costotomes
Costótomos
Costotomi



LEBSCHE 1:3
245 mm – 9¾" **tk 24680-24**



BRUNNER 1:3
320 mm – 12½" **tk 24681-32**

für die rechte Hand
for the right hand
pour la main droite
para la mano derecha
per la mano destra



1:3
SAUERBRUCH-FREY
360 mm – 14¼" **tk 24683-36**

für die linke Hand
for the left hand
pour la main gauche
para la mano izquierda
per la mano sinistra

Rippenscheren
Rib shears

Costotomes
Costótomos
Costotomi



1:3

SAUERBRUCH

260 mm – 10³/₄" tk 24685-26



1:3

GIERTZ-STILLE

270 mm – 10³/₄" tk 24688-27



1:3

BETHUNE

340 mm – 13¹/₂" tk 24694-34



Rippensperrer aus Aluminium *Rib spreaders made of aluminium*

Écarteurs de côtes en aluminium
Separadores costales en aluminio
Divaricatori costali in alluminio

Rippensperrer aus Aluminium zeichnen sich besonders durch ihre hohe mechanische Festigkeit aus. Aufgrund des geringen Gewichts sind Aluminium Instrumente für den Einsatz in der Kinder- und Neugeborenen-Chirurgie besonders geeignet. In der Erwachsenen-Chirurgie kommt es durch das geringere Gewicht der Aluminium-Instrumente ebenfalls zu einer erheblichen Entlastung des Operateurs und des Personals. Bei bildgebenden Verfahren, kommt es wegen der nicht-magnetischen Eigenschaft von Aluminium zu keinerlei Störungen. Aluminium ist bedingt durchlässig für Röntgenstrahlen und somit ebenfalls für die Orthopädie und Neurochirurgie geeignet.

Rib Spreaders made of aluminium present an outstanding mechanical resistance. Because of their low weight, aluminium instruments are perfectly suited for the children and neonatal surgery. Also in adult surgery, the low weight leads to considerable relief for the surgeon and the staff in the operation theatre. Imaging processes are also not disturbed, due to the non magnetic attribute of aluminium. As aluminium is partly translucent for X-rays, it is well suited for orthopedic and neurosurgical application.

Ecarteurs des côtes en aluminium se distinguent pour leur haute résistance mécanique. À cause de leur petit poids, des instruments en aluminium sont très convenients pour la chirurgie pédiatrique et des nouveaux-nés. Dans la chirurgie des adultes, le petit poids est un soulagement considérable du travail des chirurgiens et du personnel dans les bloc opératoires. Grâce à sa propriété anti-magnétique, l'aluminium n'a aucune influence négative sur des processus MRI (magnetic resonance imaging systems). Donc l'aluminium est partiellement perméable pour des rayons X, des instruments en aluminium sont bien utilisables pour des applications orthopédiques et neurochirurgicales.

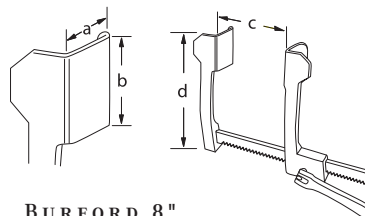
Separadores costales en aluminio se distinguen especialmente por su alta resistencia mecánica. Por su poco peso, el instrumental en aluminio esta perfectamente apropiado para la cirugía de niños y neonatales. En la cirugía de adultos, el bajo peso implica también una facilitación considerable por el cirujano y el personal en el quirófano. Por su característica anti-magnética, el instrumental en aluminio no tiene ninguna influencia negativa sobre los procesos MRI (magnetic resonance imaging systems). La permeabilidad limitada del aluminio para los rayos X, permite el uso del instrumental en aluminio también para la ortopedia y neurocirugía.

Divaricatori costali Tekno in alluminio si distinguono per l'alta resistenza meccanica. Grazie al peso ridotto gli strumenti di alluminio sono perfetti per la chirurgia pediatrica e neonatale. Anche nella chirurgia tradizionale la leggerezza garantisce considerevoli vantaggi al chirurgo ed allo staff della camera operatoria. Essendo un metallo anti-magnetico l'alluminio è utilizzabile durante esami con risonanza magnetica (MRI). Grazie alla particolare permeabilità ai raggi X, gli strumenti di alluminio sono indicati per la neurochirurgia e per la chirurgia ortopedica.



Rippensperrer
Rib retractors

Ecarteurs des côtes
Separadores costales
Divaricatori costali



BURFORD 8"

	a	b	c	d
tk 24806-01	45 mm	62 mm	165 mm	200 mm
	65 mm	62 mm		

für Erwachsene, mit 2 Paar auswechselbaren Valven, Aluminium
for adults, with 2 pairs of interchangeable blades, aluminium
pour adultes, avec 2 paires de valves interchangeables, aluminium
para adultos, con 2 pares de valvas intercambiables, aluminio
per adulti, con 2 paia di valve intercambiabili, alluminio

BURFORD 10"

	a	b	c	d
tk 24806-02	45 mm	62 mm	250 mm	200 mm
	65 mm	62 mm		

für Erwachsene, mit 2 Paar auswechselbaren Valven, Aluminium
for adults, with 2 pairs of interchangeable blades, aluminium
pour adultes, avec 2 paires de valves interchangeables, aluminium
para adultos, con 2 pares de valvas intercambiables, aluminio
per adulti, con 2 paia di valve intercambiabili, alluminio

BURFORD 12"

	a	b	c	d
tk 24806-03	45 mm	62 mm	290 mm	200 mm
	62 mm	62 mm		

für Erwachsene, mit 2 Paar auswechselbaren Valven, Aluminium
for adults, with 2 pairs of interchangeable blades, aluminium
pour adultes, avec 2 paires de valves interchangeables, aluminium
para adultos, con 2 pares de valvas intercambiables, aluminio
per adulti, con 2 paia di valve intercambiabili, alluminio

BURFORD

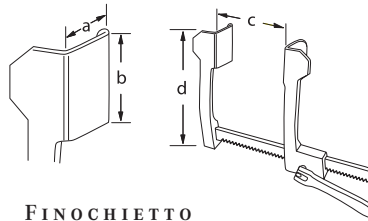
	a	b	c	d
tk 24806-05	30 mm	42 mm	130 mm	117 mm
	41 mm	42 mm		

für Kinder, mit 2 Paar auswechselbaren Valven, Aluminium
for children, with 2 pairs of interchangeable blades, aluminium
pour enfants, avec 2 paires de valves interchangeables, aluminium
para niños, con 2 pares de valvas intercambiables, aluminio
per bambini, con 2 paia di valve intercambiabili, alluminio

Rippensperrer
Rib retractors

Ecarteurs des côtes
Separadores costales
Divaricatori costali

ALUK



FINOCHIETTO

	a	b	c	d
tk 24808-01	40 mm	45 mm	165 mm	110 mm

kleines Modell, auch für Kinder geeignet, Aluminium
small size, for children too, aluminium

petit modèle, également pour enfants, aluminium
modelo pequeño, también para niños, aluminio
modello piccolo, pure per bambini, alluminio



FINOCHIETTO

	a	b	c	d
tk 24808-02	45 mm	65 mm	200 mm	140 mm

mittleres Modell, für Erwachsene, Aluminium
medium size, for adults, aluminium

moyen modèle, pour adultes, aluminium
modelo medio, para adultos, aluminio
modello medio, per adulti, alluminio

FINOCHIETTO

	a	b	c	d
tk 24808-03	70 mm	65 mm	250 mm	140 mm

grosses Modell, für Erwachsene, Aluminium
large size, for adults, aluminium

grand modèle, pour adultes, aluminium
modelo grande, para adultos, aluminio
modello grande, per adulti, alluminio

FINOCHIETTO-
BABY-HAIGHT

	a	b	c	d
tk 24809-01	27 mm	30 mm	95 mm	80 mm

für Kinder, Aluminium
for children, aluminium
pour enfants, aluminium
para niños, aluminio
per bambini, alluminio

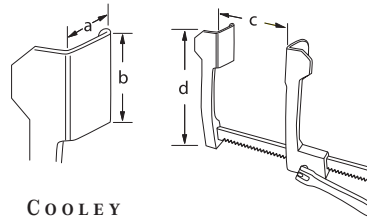
FINOCHIETTO-
INFANT

	a	b	c	d
tk 24808-05	12 mm	15 mm	70 mm	55 mm

für Säuglinge, Aluminium
for infants, aluminium
pour nourissons, aluminium
para lactantes, aluminio
per lattanti, alluminio

Rippensperrer
Rib retractors

Ecarteurs des côtes
Separadores costales
Divaricatori costali



COOLEY

	a	b	c	d
tk 24812-00	35 mm	100 mm	180 mm	180 mm

für Erwachsene, Aluminium
for adults, aluminium
pour adultes, aluminium
para adultos, aluminio
per adulti, alluminio

COOLEY

	a	b	c	d
tk 24812-01	35 mm	115 mm	230 mm	205 mm

extra gross, für Erwachsene, Aluminium
extra large, for adults, aluminium
extra grand, pour adultes, aluminium
extra grande, para adultos, aluminio
extra grande, per adulti, alluminio



COOLEY

	a	b	c	d
tk 24812-02	30 mm	50 mm	185 mm	145 mm

für Erwachsene, Standardgröße, modifiziert, Aluminium
for adults, standard size, modified, aluminium
pour adultes, standard, modifié, aluminium
para adultos, estandard, modificado, aluminio
per adulti, standard, modificato, alluminio

COOLEY

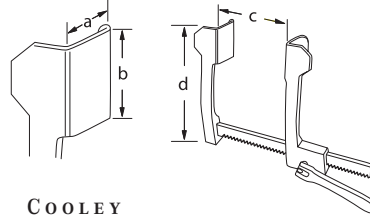
	a	b	c	d
tk 24812-03	20 mm	45 mm	140 mm	110 mm

für Kinder, modifiziert, Aluminium
for children, modified, aluminium
pour enfants, modifié, aluminium
para niños, modificado, aluminio
per bambini, modificato, alluminio

Rippensperrer
Rib retractors

Ecarteurs des côtes
Separadores costales
Divaricatori costali

ALUK



COOLEY

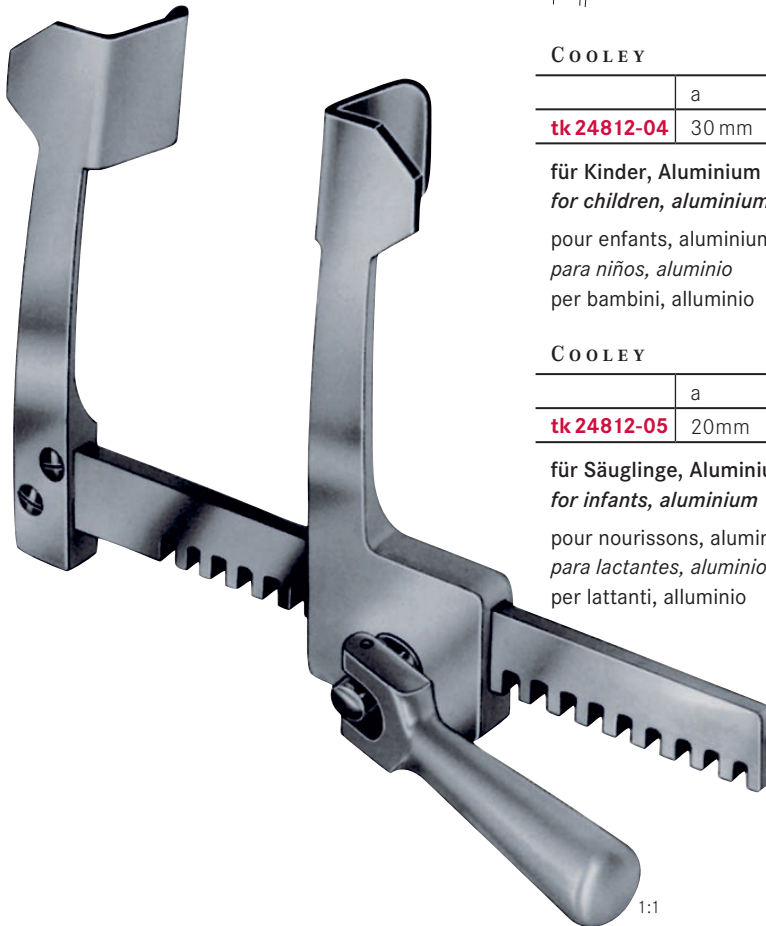
	a	b	c	d
tk 24812-04	30 mm	35 mm	140 mm	110 mm

für Kinder, Aluminium
for children, aluminium
pour enfants, aluminium
para niños, aluminio
per bambini, alluminio

COOLEY

	a	b	c	d
tk 24812-05	20 mm	25 mm	100 mm	80 mm

für Säuglinge, Aluminium
for infants, aluminium
pour nourissons, aluminium
para lactantes, aluminio
per lattanti, alluminio



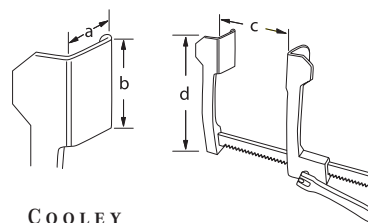
COOLEY

	a	b	c	d
tk 24814-00	12 mm	15 mm	70 mm	55 mm

für Neugeborene, Aluminium
for newbornes, aluminium
pour nouveau-nés, aluminium
para recién nacidos, aluminio
per neonati, alluminio

Rippensperrer
Rib retractors

Ecarteurs des côtes
Separadores costales
Divaricatori costali



COOLEY

	a	b	c	d
tk 24815-00	15 mm	30 mm	115 mm	80 mm

für Kinder, Sternotomiespreizer, leicht aber trotzdem kräftig, Aluminium
for children, sternal spreader, light-weight but sturdy, aluminium

pour enfants, écarteur sternal, léger mais fort, aluminium
para niños, separador sternal, ligero y fuerte, aluminio

per bambini, divaricatore sternale, leggero ma forte, alluminio

COOLEY

	a	b	c	d
tk 24815-01	14 mm	16 mm	85 mm	55 mm

für Neugeborene, Aluminium
for newbornes, aluminium

pour nouveau-nés, aluminium
para recién nacidos, aluminio

per neonati, alluminio

COOLEY

	a	b	c	d
tk 24812-06	15 mm	20 mm	100 mm	80 mm

für Säuglinge, Sternotomiespreizer mit Dornen, Aluminium
for infants, sternal spreader with prongs, aluminium

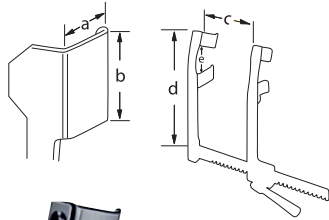
pour nourissons, écarteur sternal avec poinçons, aluminium
para lactantes, separador sternal con espigas, aluminio

per lattanti, divaricatore sternale con spine, alluminio

Rippensperrer
Rib retractors

Ecarteurs des côtes
Separadores costales
Divaricatori costali

ALUK



MORSE STERNAL

	a	b	c	d	e
tk 24816-04	20 mm	20 mm	155 mm	120 mm	50 mm

mit 2 Paar beweglichen Valven, für Kinder,

Biegung der Spreizarme zwischen den Valven, Aluminium

with 2 pairs movable blades, for children, arms curved between blades, aluminium

avec 2 paires de valves mobiles, pour enfants, courbure entre les valves, aluminium

con 2 pares de valvas móviles, para niños, curvado entre las valvas, aluminio

con 2 paia di valve mobili, per bambini, branche curvate, alluminio

MORSE-FAVALORO STERNAL

	a	b	c	d	e
tk 24816-02	40 mm	20 mm	155 mm	175 mm	65 mm

mit 2 Paar beweglichen Valven, für Erwachsene,

Biegung der Spreizarme zwischen den Valven, Aluminium

with 2 pairs movable blades, for adults, arms curved between blades, aluminium

avec 2 paires de valves mobiles, pour adultes, courbure entre les valves, aluminium

con 2 pares de valvas móviles, para adultos, curvado entre las valvas, aluminio

con 2 paia di valve mobili, per adulti, branche curvate, alluminio

MORSE-FAVALORO STERNAL

	a	b	c	d	e
tk 24816-01	12 mm	20 mm	155 mm	120 mm	50 mm

mit 2 Paar beweglichen Valven, für Kinder, Biegung der Spreizarme zwischen den Valven, Aluminium

with 2 pairs movable blades, for children, arms curved between blades, aluminium

avec 2 paires de valves mobiles, pour enfants, courbure entre les valves, aluminium

con 2 pares de valvas móviles, para niños, curvado entre las valvas, aluminio

con 2 paia di valve mobili, per bambini, branche curvate, alluminio

Rippensperrer
Rib retractors

Ecarteurs des côtes
Separadores costales
Divaricatori costali



MORSE STERNAL

	a	b	c	d	e
tk 24816-00	20 mm	28 mm	210 mm	155 mm	72 mm

mit 2 Paar beweglichen Valven, für Erwachsene,
Biegung der Spreizarme zwischen Zahnstange und Valven, Aluminium
with 2 pairs movable blades, for adults, arms curved between rack and blades, aluminium

avec 2 paires de valves mobiles, pour adultes, courbure entre la base et les valves, aluminium
con 2 pares de valvas móviles, para adultos, curvado entre la base y las valvas, aluminio
con 2 paia di valve mobili, per adulti, branche curvate, alluminio

MORSE STERNAL

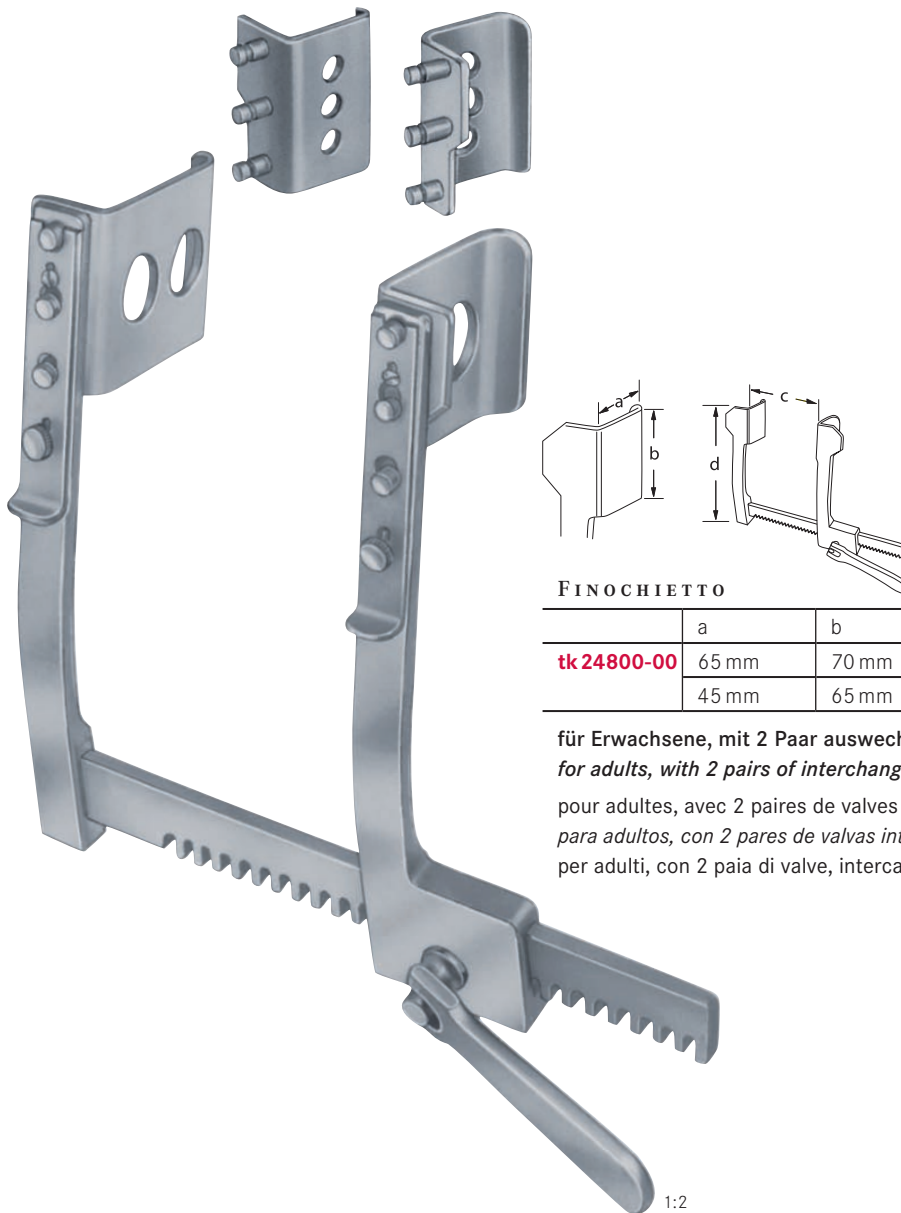
	a	b	c	d	e
tk 24816-03	20 mm	20 mm	155 mm	120 mm	50 mm

mit 2 Paar beweglichen Valven, für Kinder,
Biegung der Spreizarme zwischen Zahnstange und Valven, Aluminium
with 2 pairs movable blades, for children, arms curved between rack and blades, aluminium

avec 2 paires de valves mobiles, pour enfants, courbure entre la base et les valves, aluminium
con 2 pares de valvas móviles, para niños, curvado entre la base y las valvas, aluminio
con 2 paia di valve mobili, per bambini, branche curvate, alluminio

Rippensperrer
Rib retractors

Ecarteurs des côtes
Separadores costales
Divaricatori costali



FINOCHIETTO

	a	b	c	d
tk 24800-00	65 mm	70 mm	200 mm	140 mm
	45 mm	65 mm		

für Erwachsene, mit 2 Paar auswechselbaren Valven, rostfrei
for adults, with 2 pairs of interchangeable blades, stainless steel
pour adultes, avec 2 paires de valves interchangeableables, inoxydable
para adultos, con 2 pares de valvas intercambiabiles, inoxidable
per adulti, con 2 paia di valve, intercambiabili, inossidabile

1:2



BABY-HAIGHT

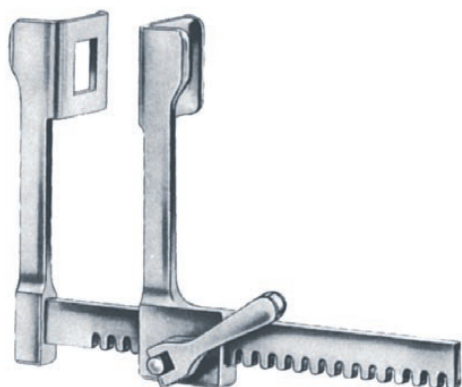
	a	b	c	d
tk 24801-01	28 mm	30 mm	85 mm	70 mm
tk 24801-02	28 mm	30 mm	100 mm	75 mm

rostfrei
stainless steel
acier inoxydable
acero inoxidable
acciaio inossidabile

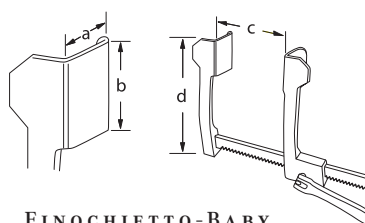
1:2

Rippensperrer
Rib retractors

Ecarteurs des côtes
Separadores costales
Divaricatori costali



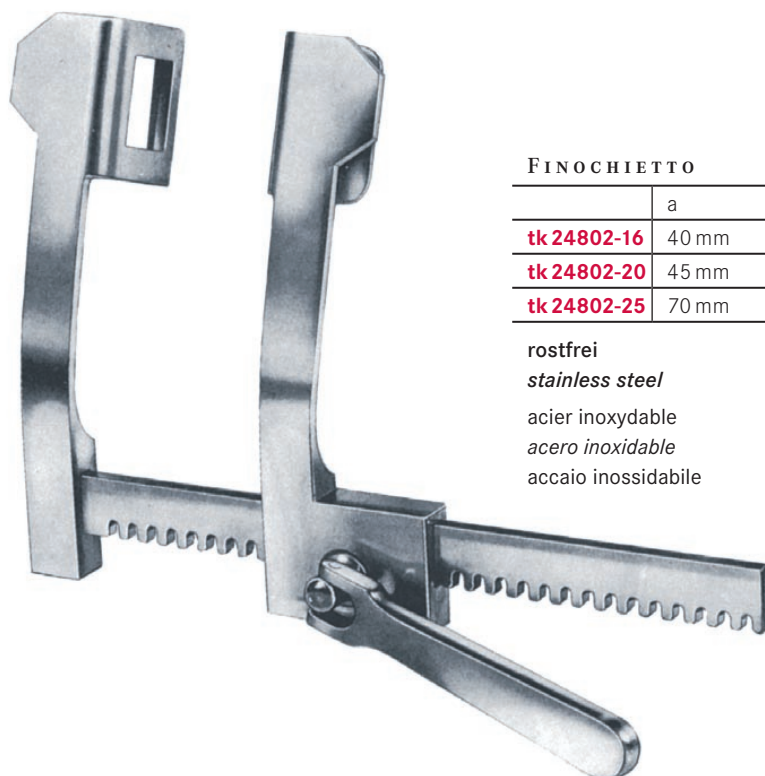
1:2



FINOCHIETTO-BABY

	a	b	c	d
tk 24802-07	14 mm	15 mm	75 mm	55 mm

rostfrei
stainless steel
acier inoxydable
acero inoxidable
acciaio inossidabile



FINOCHIETTO

	a	b	c	d
tk 24802-16	40 mm	40 mm	165 mm	110 mm
tk 24802-20	45 mm	65 mm	200 mm	140 mm
tk 24802-25	70 mm	65 mm	250 mm	140 mm

rostfrei
stainless steel
acier inoxydable
acero inoxidable
acciaio inossidabile

Rippensperrer
Rib retractors

Ecarteurs des côtes
Separadores costales
Divaricatori costali



TUFFIER

	a	b	c	d
tk 24803-00	50 mm	45 mm	165 mm	110 mm

rostfrei
stainless steel
acier inoxydable
acero inoxidable
acciaio inossidabile

1:2



FINOCHIETTO-INFANT

	a	b	c	d
tk 24804-05	14 mm	15 mm	55 mm	25 mm

rostfrei
stainless steel
acier inoxydable
acero inoxidable
acciaio inossidabile

1:2



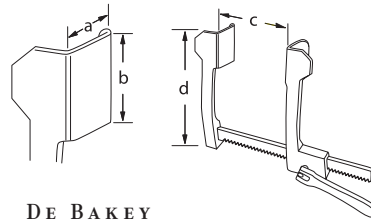
DE BOER (STERNAL)

	a	b	c	d
tk 24805-01	30 mm	100 mm	210 mm	185 mm

rostfrei
stainless steel
acier inoxydable
acero inoxidable
acciaio inossidabile

1:2

Rippensperrer | Ecarteurs des côtes
Rib retractors | Separadores costales
 Divaricatori costali



DE BAKEY

	a	b	c	d
tk 24817-01	20 mm	30 mm	120 mm	130 mm
	30 mm	30 mm		

für Kinder, mit 2 Paar auswechselbaren Valven, rostfrei
for children, with 2 pairs of interchangeable blades, stainless steel
 pour enfants, 2 paires de valves, interchangeables, inoxydable
 para niños, 2 pares de valvas intercambiables, inoxidable
 per bambini, 2 paia di valve intercambiabili, inossidabile



DE BAKEY

	a	b	c	d
tk 24817-02	30 mm	60 mm	200 mm	190 mm
	48 mm	60 mm		

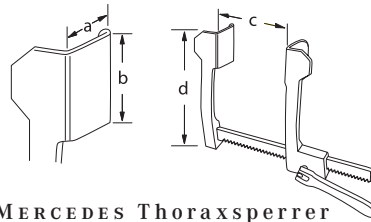
für Erwachsene, mit 2 Paar auswechselbaren Valven, rostfrei
for adults, with 2 pairs of interchangeable blades, stainless steel
 pour adultes, 2 paires de valves, interchangeables, inoxydable
 para adultos, 2 pares de valvas intercambiables, inoxidable
 per adulti, 2 paia di valve intercambiabili, inossidabile

	a	b
tk 24817-06	30 mm	30 mm
tk 24817-07	30 mm	60 mm
tk 24817-08	48 mm	60 mm

Valven-Paar, rostfrei
Pair of blades, stainless steel
 Paire de valves, acier inoxydable
 Par de valvas, acero inoxidable
 Paia di valve, acciaio inossidabile

Rippensperrer
Rib retractors

Ecarteurs des côtes
Separadores costales
Divaricatori costali



MERCEDES Thoraxsperrer

	a	b	c	d
tk 24819-00	45 mm	68 mm	285 mm	185 mm
	70 mm	75 mm		

für Erwachsene, mit 2 Paar auswechselbaren Valven mit Kugelschnellverschluss, rostfrei
for adults, with 2 pairs of interchangeable blades with ball snap system, stainless steel
 pour adultes, avec 2 paires de valves interchangeables fermeture à boules, inoxydable
para adultos, con 2 pares de valvas intercambiables fijación con bolas, inoxidable
 per adulti, con 2 paia di valve intercambiabili, inossidabile

	a	b
tk 24819-01	45 mm	68 mm
tk 24819-02	70 mm	75 mm

Valven-Paar, rostfrei

Pair of blades, stainless steel

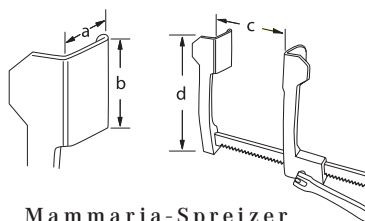
Paire de valves, acier inoxydable

Par de valvas, acero inoxidable

Paia di valve, acciaio inossidabile

I.M.A. Thoraxsperrer
Thoracic and I.M.A. retractor

Ecarteur thoracique et I.M.A.
Separador torácico e I.M.A.
 Divaricatore per il torace ed I.M.A.



Mammaria-Spreizer

	a	b	c	d
tk 24821-00	55 mm	100 mm	170 mm	130 mm

mit abnehmbarer Kippvalve und Stellschraube zum Anheben der Brustwand bei der Mammaria-Dissektion, rostfrei

with detachable tilting IMA-blade and set-screw to lift the sternal margin for the dissection of the IMA, stainless steel

avec valve mobile, démontable, écrou pour soulever le thorax pendant des dissections IMA, inoxydable

con valva móvil y desmontable, rosca para levantar el tórax durante la dissection IMA, inoxidable

con valve smontabili e vite di fissaggio per alzare lo sterno per dissezione IMA, inossidabile

Lungenspatel – Rippenkontraktoren
Lung spatula – Rib contractors

Spatules pulmonaires – Rapprocheurs
Espátula pulmonar – Aproximadores para costillas
Spatole per polmone – Approssimatori costali



ALLISON

300 mm – 12"	tk 24825-30
320 mm – 12½"	tk 24825-32



BAILEY-BABY

140 mm – 5½"	tk 24831-14
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BAILEY

160 mm – 6¼"	tk 24830-16
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Rippenkontraktoren
Rib contractors

Rapprocheurs
Aproximadores para costillas
Approssimatori costali



LEMMON

145 mm – 5¾"	tk 24835-14
180 mm – 7"	tk 24835-18



BAILEY-GIBBON

160 mm – 6¼"	tk 24833-16
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SELLORS

190 mm – 7½"	tk 24837-19
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Magen, Darm
Stomach, Intestine

Estomac, Intestins
Estómago, Intestino
Stomaco, Intestino



Gewebe- und Darmfasszangen
Tissue and intestinal holding forceps

Pinces intestinales et de tissu
Pinzas para tejidos y intestinos
Pinze per tessuti ed intestinali



ALLIS-BABY

130 mm – 5" **tk28100-14**

Zähne 4x5
Teeth

Dents
Dientes
Denti



ALLIS

150 mm – 6" **tk28140-15** **tk28160-15**

190 mm – 7½" **tk28160-19**

250 mm – 9¾" **tk28160-25**

Zähne 4x5 5x6

Teeth
Dents
Dientes
Denti



ALLIS-ADAIR

155 mm – 6" **tk28167-15**

Zähne 10x11
Teeth

Dents
Dientes
Denti



THOMS-ALLIS

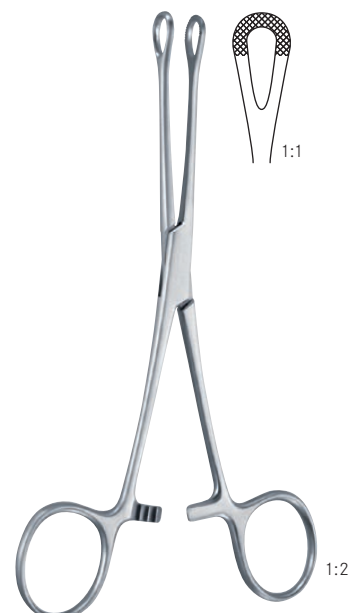
200 mm – 8" **tk28180-20**

6x7



LOCKWOOD

200 mm – 8" **tk28190-20**



WILLIAMS

160 mm – 6¼" **tk28192-16**

Gewebe- und Darmfazzangen
Tissue and intestinal holding forceps

Pinces intestinales et de tissue
Pinzas para tejidos y intestinos
Pinze per tessuti ed intestinali



LITTLEWOOD
190 mm – 7½" **tk 11955-19**
Zähne 2x3
Teeth
Dents
Dientes
Denti



BOYS-ALLIS
150 mm – 6" **tk 28210-15**
Zähne 5x6
Teeth
Dents
Dientes
Denti



JUDD-ALLIS
150 mm – 6" **tk 28250-15**
190 mm – 7½" **tk 28250-19**
Zähne 3x4
Teeth
Dents
Dientes
Denti



BABCOCK
160 mm – 6¼" **tk 28285-16**
200 mm – 8" **tk 28285-20**

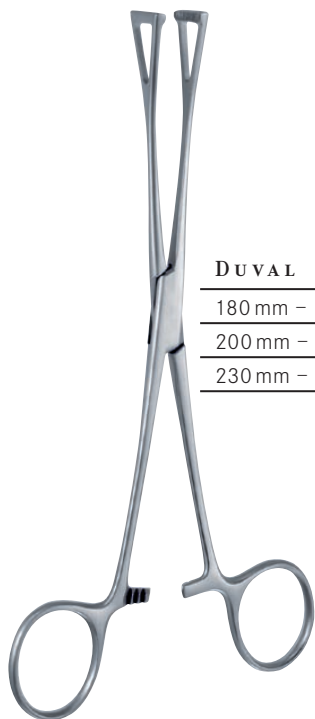
TUCAR



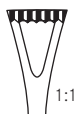
BABCOCK
160 mm – 6¼" **tk 28280-16**
180 mm – 7" **tk 28280-18**
200 mm – 8" **tk 28280-20**
240 mm – 9½" **tk 28280-24**

Gewebe- und Darmfasszangen
Tissue and intestinal holding forceps

Pinces intestinales et de tissu
Pinzas para tejidos y intestinos
 Pinze per tessuti ed intestinali



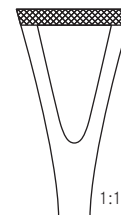
DUVAL



180 mm – 7"	tk 28290-18	
200 mm – 8"	tk 28290-20	tk 28292-20
230 mm – 9"	tk 28290-23	tk 28292-23



DUVAL



200 mm – 8"	tk 28293-20
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TUGARK

1:2

Gewebe- und Darmfazzangen
Tissue and intestinal holding forceps

Pinces intestinales et de tissue
Pinzas para tejidos y intestinos
Pinze per tessuti ed intestinali

ATRAUMTK



**BABCOCK-
ATRAUMA**



160 mm – 6¼"

tk 22452-16



200 mm – 8"

tk 22452-20

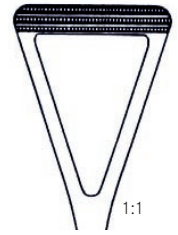


**DUVAL-
ATRAUMA**



200 mm – 8"

tk 22455-20

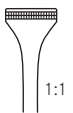


230 mm – 9"

tk 22455-23

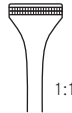


**ALLIS-
ATRAUMA**



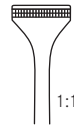
160 mm – 6¼"

tk 22450-16



200 mm – 8"

tk 22450-20

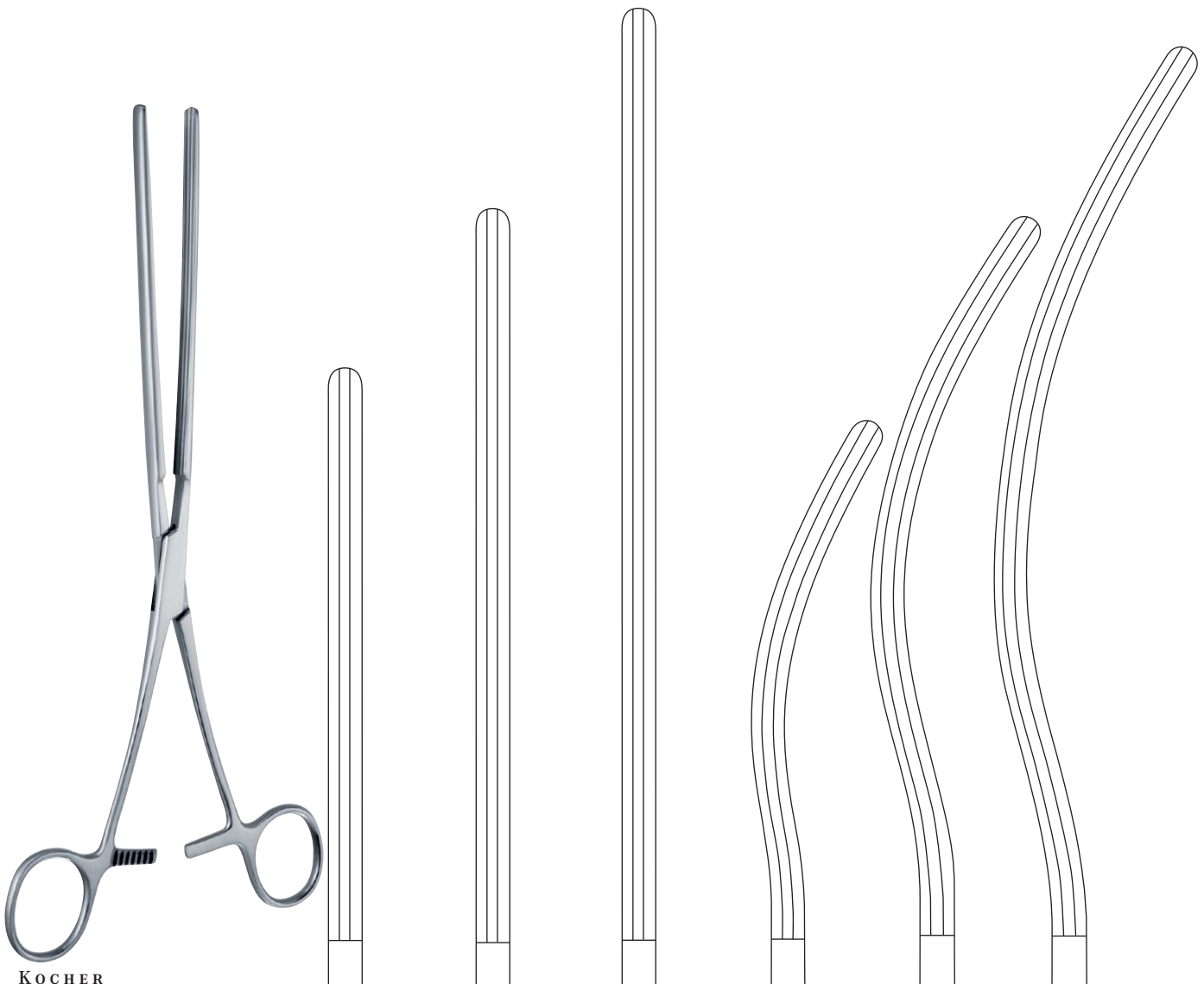


250 mm – 9¾"

tk 22450-25

Darm- und Magenklammern
Intestinal and stomach clamps

Pinces-clamps pour l'intestin et l'estomac
Pinzas-clamps para el intestino y el estomago
 Pinze per intestino e stomaco

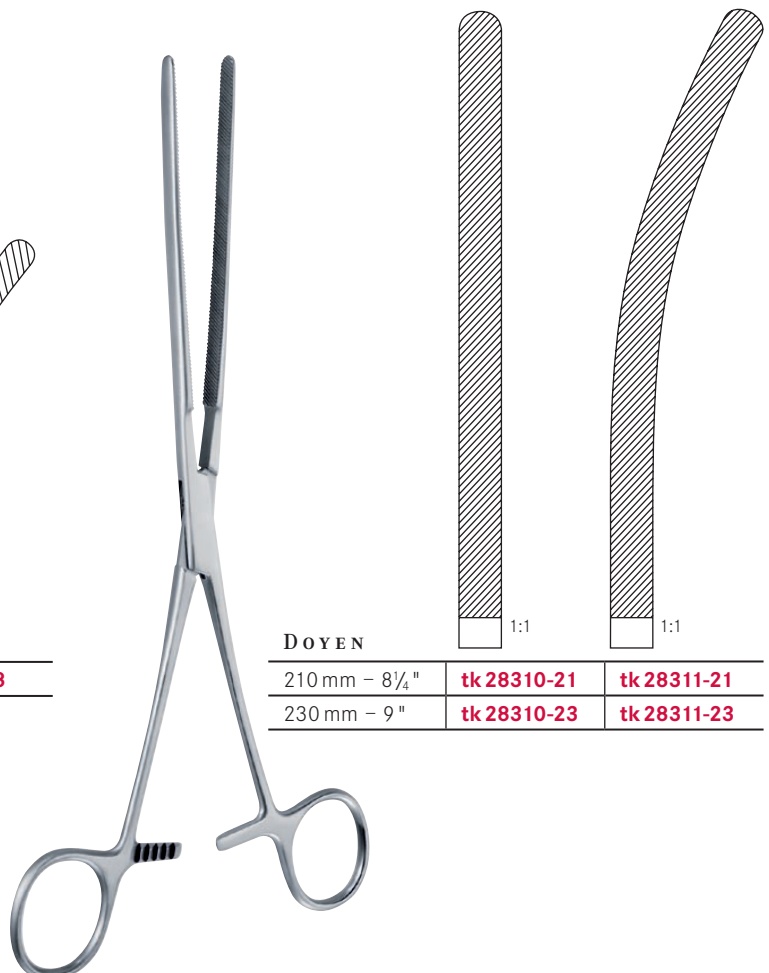
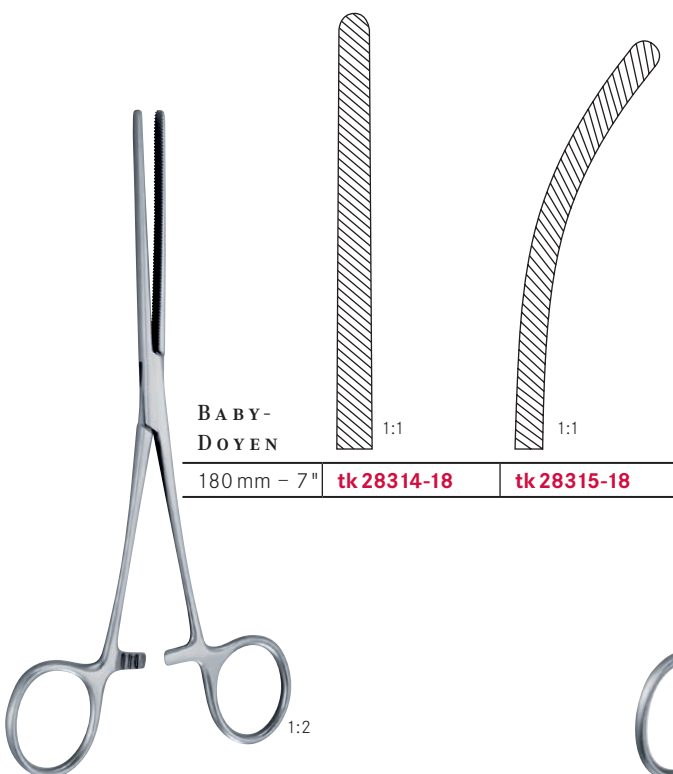
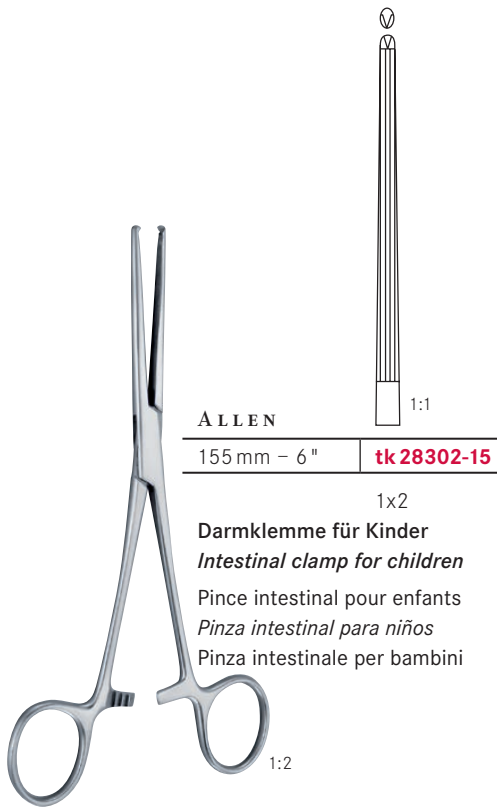


KOCHER

	220 mm – 8 ³ / ₄ "	250 mm – 9 ³ / ₄ "	280 mm – 11 "	220 mm – 8 ³ / ₄ "	250 mm – 9 ³ / ₄ "	280 mm – 11 "
	tk 28300-22	tk 28300-25	tk 28300-28	tk 28301-22	tk 28301-25	tk 28301-28

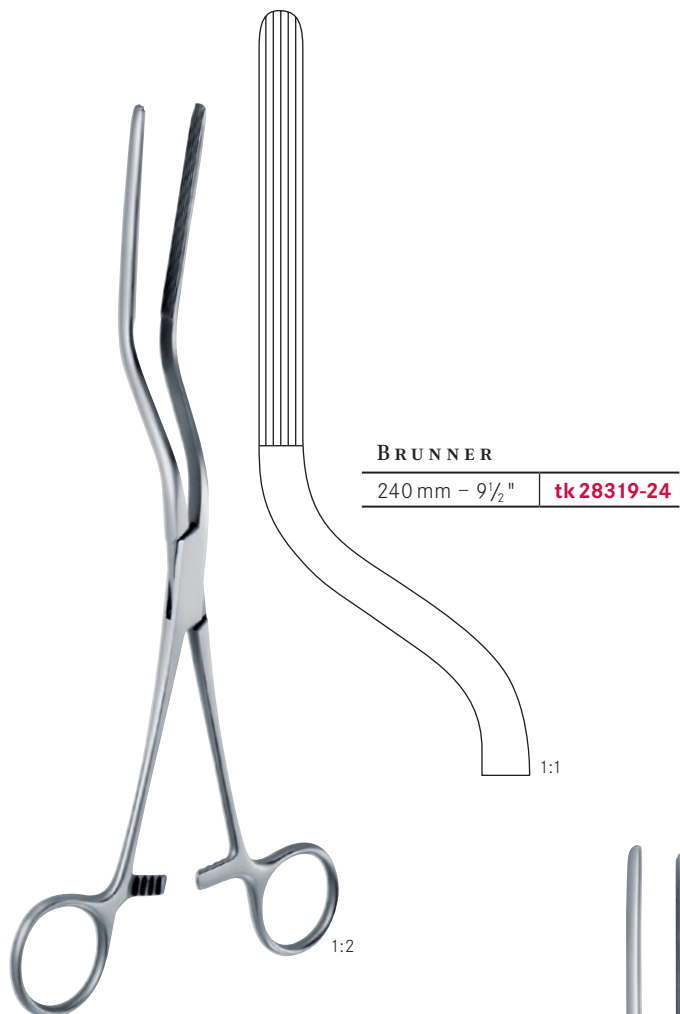
Darm- und Magenklammern
Intestinal and stomach clamps

Pinces-clamps pour l'intestin et l'estomac
Pinzas-clamps para el intestino y el estomago
Pinze per intestino e stomaco

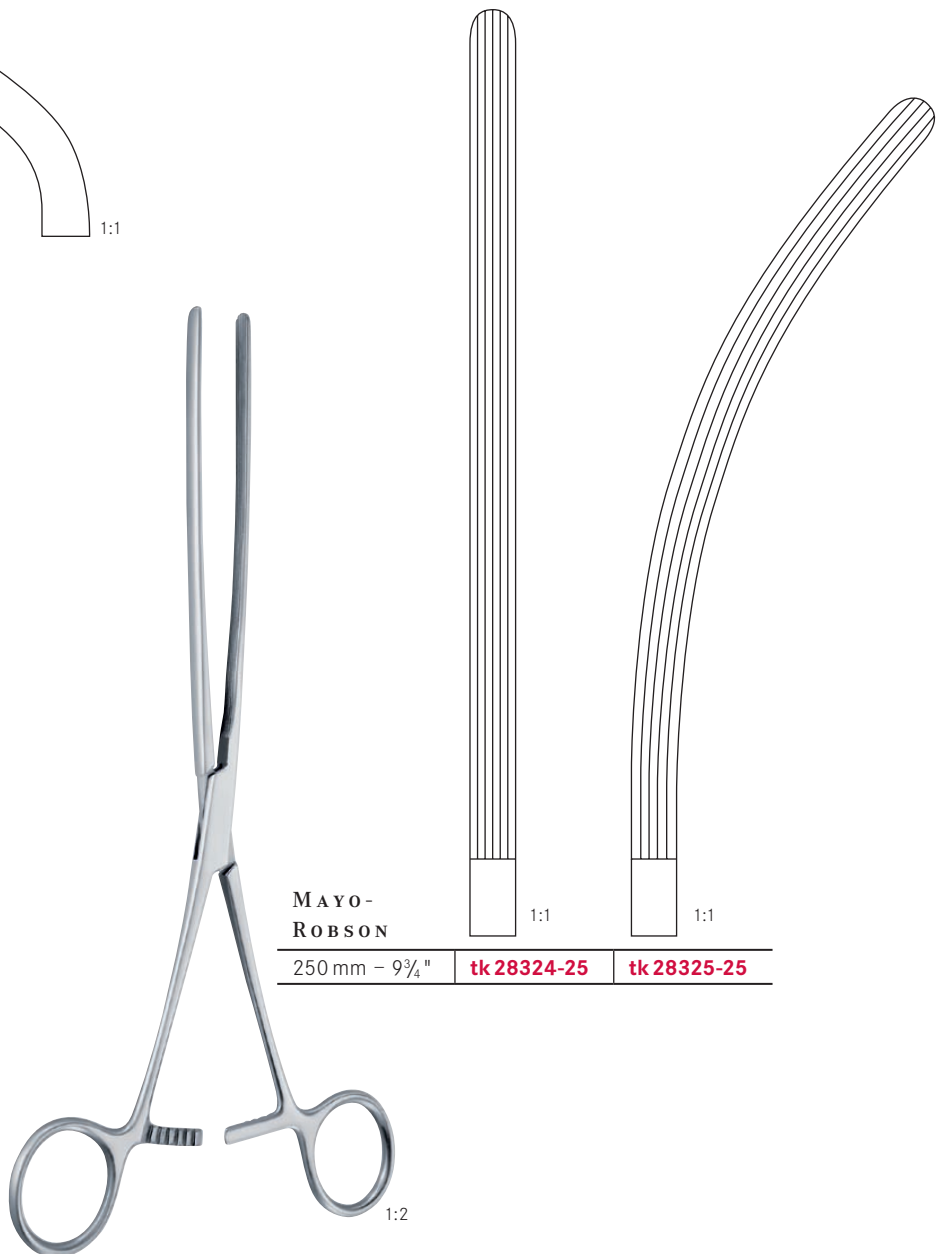


Darm- und Magenklammern
Intestinal and stomach clamps

Pinces-clamps pour l'intestin et l'estomac
Pinzas-clamps para el intestino y el estomago
Pinze per intestino e stomaco



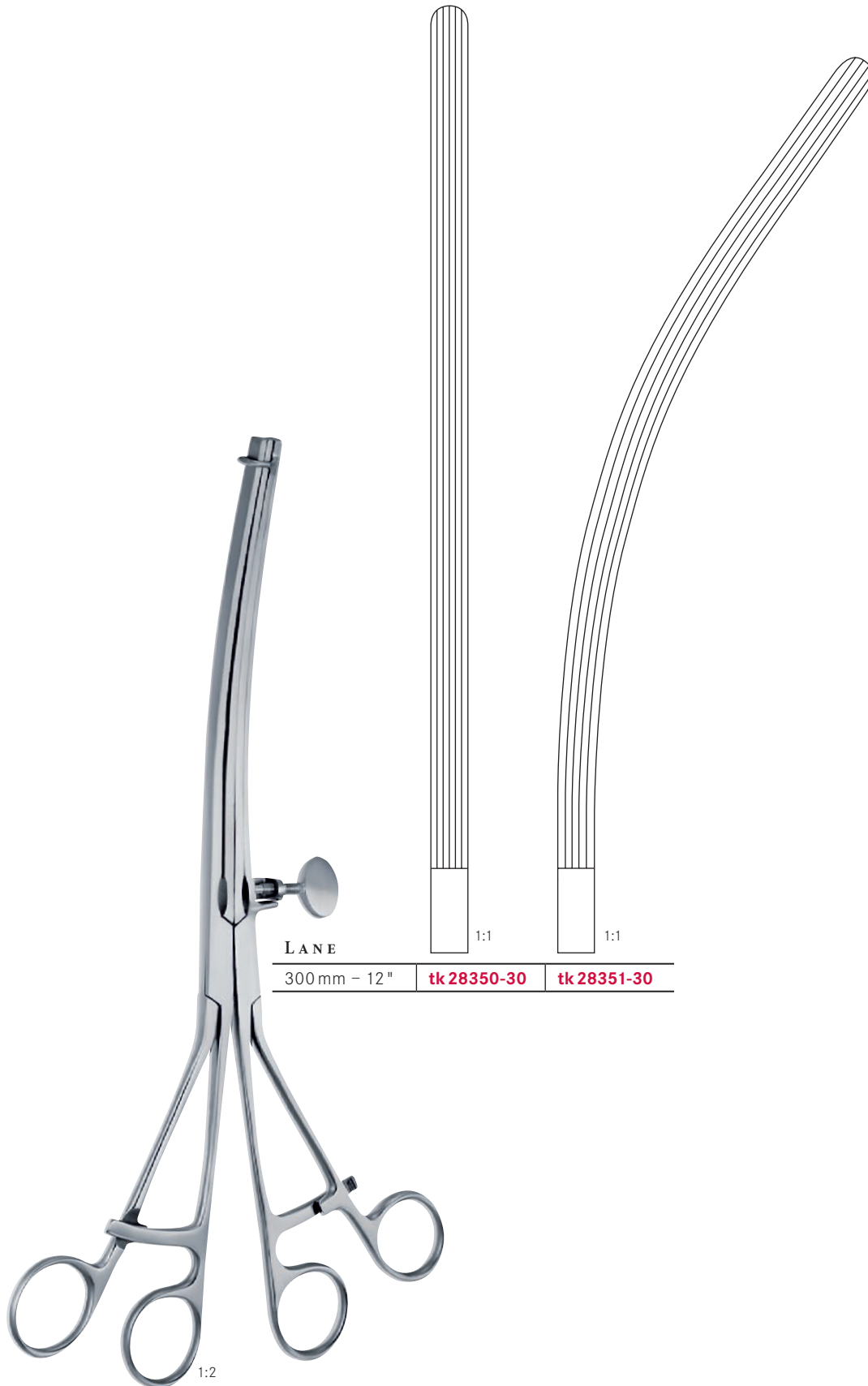
BRUNNER
240 mm – 9½" **tk 28319-24**



MAYO-ROBSON
250 mm – 9¾" **tk 28324-25** **tk 28325-25**

Darm- und Magenklammern
Intestinal and stomach clamps

Pinces-clamps pour l'intestin et l'estomac
Pinzas-clamps para el intestino y el estomago
Pinze per intestino e stomaco



Atraumatische Darmklemmen
Atraumatic intestinal clamp forceps

Pinces-clamps atraumatiques pour l'intestin
Pinzas-clamps atraumáticas intestinales
Pinze intestinali atraumatiche

ATRAUMTK



DOYEN	1:1	1:1	1:1	1:1	1:1
	140mm – 5½"	160mm – 6¼"	180mm – 7"	210mm – 8¼"	230mm – 9"
	tk 28500-13	tk 28500-16	tk 28500-18	tk 28500-21	tk 28500-23

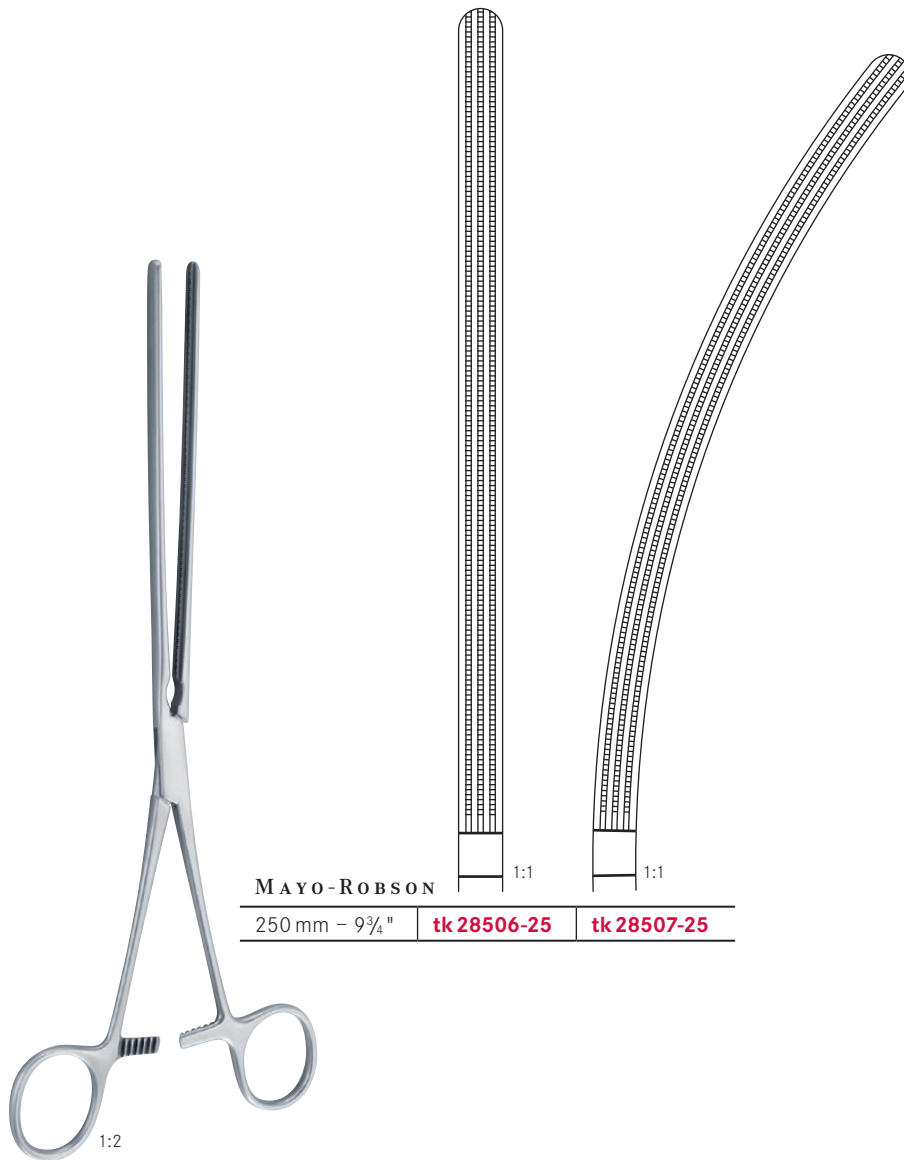


DOYEN	1:1	1:1	1:1	1:1	1:1
	140mm – 5½"	160mm – 6¼"	180mm – 7"	210mm – 8¼"	230mm – 9"
	tk 28501-13	tk 28501-16	tk 28501-18	tk 28501-21	tk 28501-23

Atraumatische Darmklemmen
Atraumatic intestinal clamp forceps

Pinces-clamps atraumatiques pour l'intestin
Pinzas-clamps atraumáticas intestinales
Pinze intestinali atraumatiche

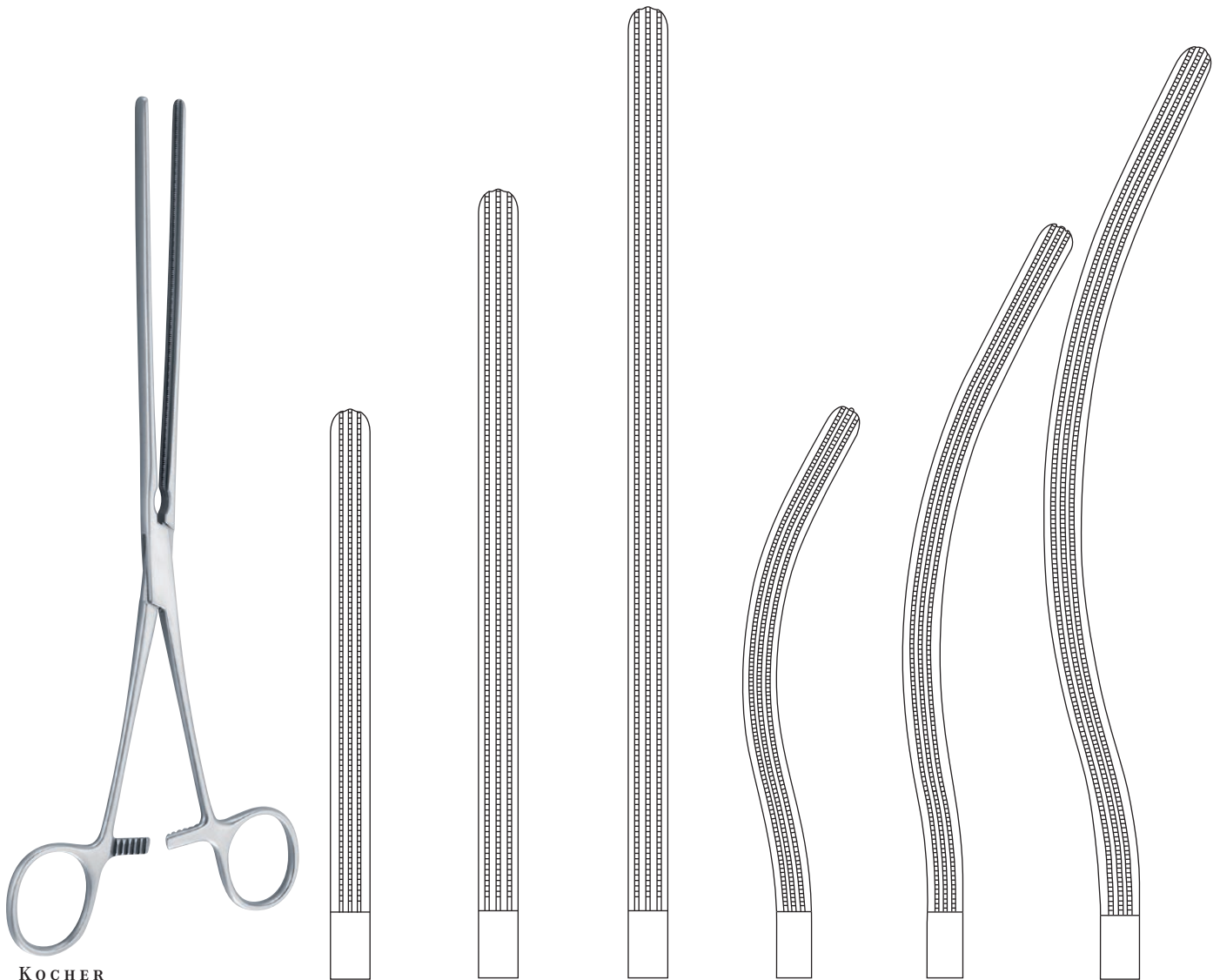
ATRAUMTK



Atraumatische Darmklemmen
Atraumatic intestinal clamp forceps

Pinces-clamps atraumatiques pour l'intestin
Pinzas-clamps atraumáticas intestinales
Pinze intestinali atraumatiche

ATRAUMTK



KOCHER

	220 mm – 8 ³ / ₄ "	250 mm – 9 ³ / ₄ "	280 mm – 11 "	220 mm – 8 ³ / ₄ "	250 mm – 9 ³ / ₄ "	280 mm – 11 "
	tk 28510-22	tk 28510-25	tk 28510-28	tk 28511-22	tk 28511-25	tk 28511-28

Atraumatische Darmklemmen
Atraumatic intestinal clamp forceps

Pinces-clamps atraumatiques pour l'intestin
Pinzas-clamps atraumáticas intestinales
Pinze intestinali atraumatiche

ATRAUMTK



RESANO

300 mm – 12"

tk 28529-30

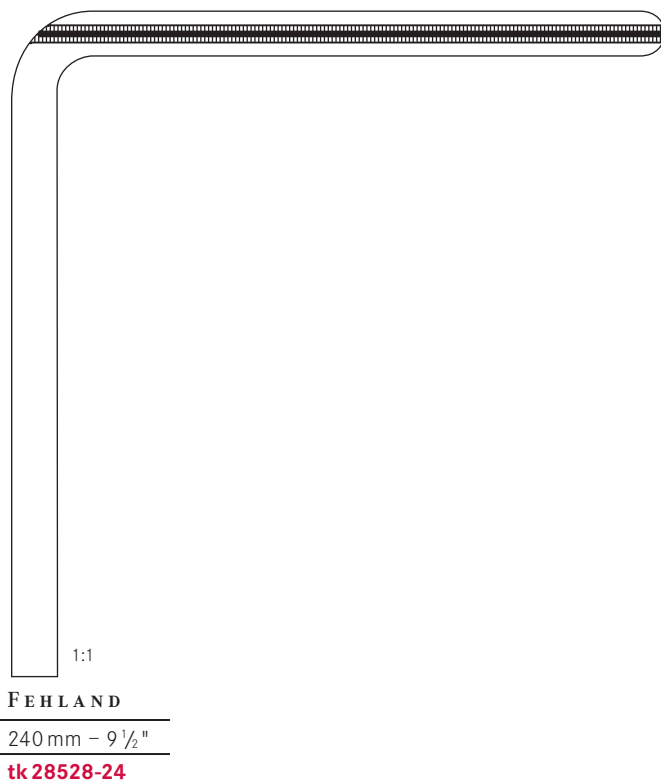
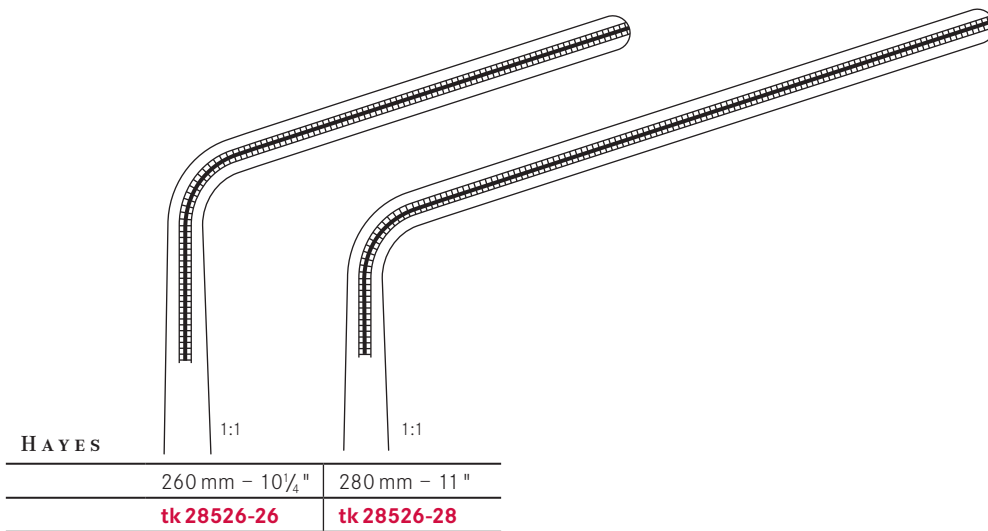
1:1

1:2

Rektum-Anastomosenklemmen
Sigmoid anastomosis forceps

Pinces pour anastomoses rectales
Pinzas para anastomosis rectales
Pinze per anastomosi rettali

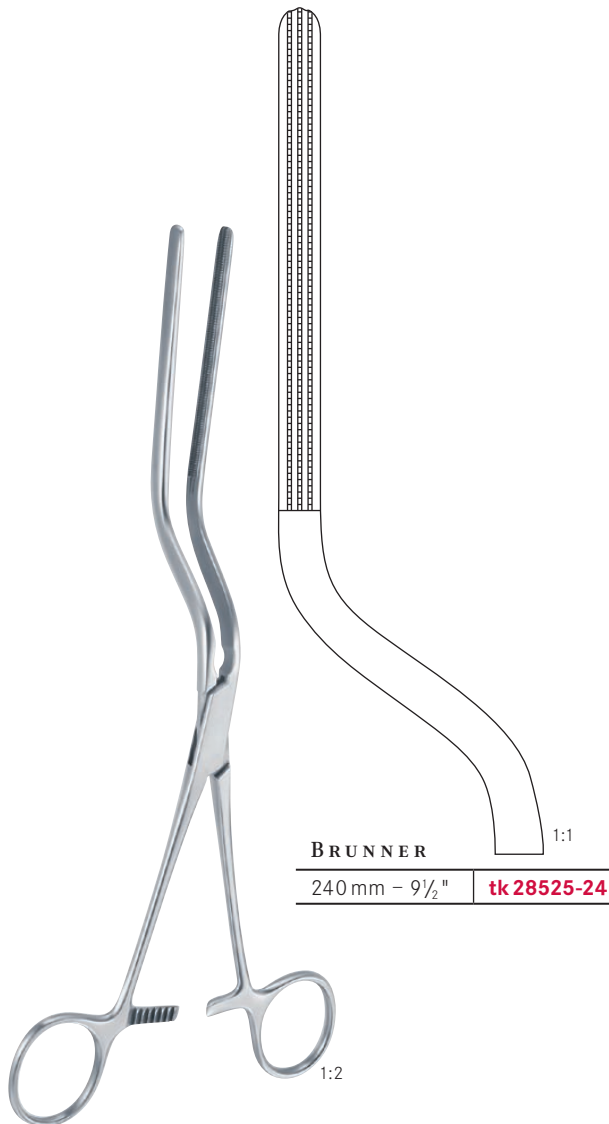
ATRAUMTK



Rektum-Anastomosenklemmen
Sigmoid anastomosis forceps

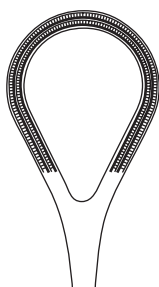
Pinces pour anastomoses rectales
Pinzas para anastomosis rectales
Pinze per anastomosi rettali

ATRAUMTK



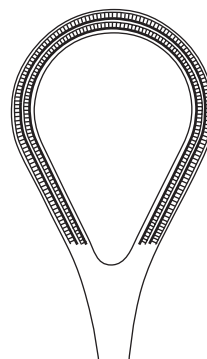
Atraumatische Organfasszangen
Atraumatic organ grasping forceps

Pinces atraumatiques pour saisir des organes
 Pinzas atraumaticas para sacar órganos
 Pinze atraumatiche per afferrare organi



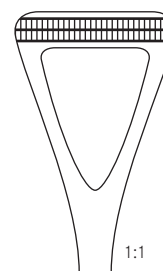
250 mm – 9¾" **tk 22014-25**

Organfasszange mittel, 250 mm
 Organ grasping forceps medium, 250 mm
 Pince medium pour saisir des organes, 250 mm
 Pinza mediano para sacar órganos, 250 mm
 Pinze per afferrare organi, 250 mm



260 mm – 10¼" **tk 22014-26**

Organfasszange gross, 260 mm
 Organ grasping forceps large, 260 mm
 Pince grande pour saisir des organes, 260 mm
 Pinza grande para sacar órganos, 260 mm
 Pinze per afferrare organi, 260 mm



SCHEIBE

1:1

1:1

1:1

180 mm – 7"

200 mm – 8"

230 mm – 9"

tk 28470-18

tk 28470-20

tk 28470-23

schmal
narrow

mittel
medium

breit
wide

étroit
estrecho
stretto

moyen
mediano
medio

large
ancho
largo

Darmquetschklemmen
Intestinal and pylorus clamps

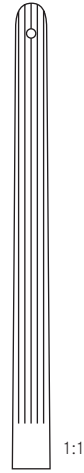
Ecraseur pour l'intestin
Pinzas intestinales para píloro
Schiacciatori intestinali



1:2

PAYR-BABY

150 mm – 6"



1:1

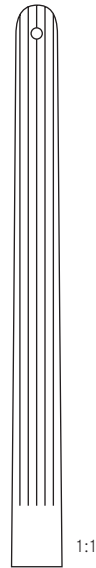
tk 28410-15

mit Stift
with pin
avec cheville
con pivote
con perno



1:2

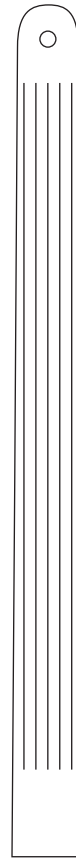
PAYR



1:1

210 mm – 8 1/4"

tk 28410-21



1:1

290 mm – 11 1/2"

tk 28410-29

mit Stift
with pin
avec cheville
con pivote
con perno

Darm- und Anastomosenklemmen
Intestinal and anastomosis clamp forceps

Pinces-clamps intestinales et à anastomose
Pinzas-clamps intestinales y para anastomosis
 Pinze intestinali e per anastomosi



1:2

85 mm - 3 1/4" **tk 28452-08**

DE MARTEL-
WOLFSON



1:2

230 mm - 9" **tk 28452-23**



DE MARTEL-
WOLFSON

1:2

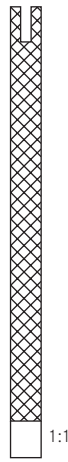
260 mm - 10 1/4" **tk 28451-26**

Darm- und Anastomosenklemmen
Intestinal and anastomosis clamp forceps

Pinces-clamps intestinales et à anastomose
Pinzas-clamps intestinales y para anastomosis
Pinze intestinali e per anastomosi



DE MARTEL-
WOLFSON



50 mm – 2 "	70 mm – 2¾ "	100 mm – 4 "
tk 28450-05	tk 28450-07	tk 28450-10

Satz mit 3 Klemmen

Set of 3 clamps

Jeu de 3 clamps

Juego de 3 pinzas

Serie di 3 pezzi

Mastdarm-Spekula
Rectal specula

Spéculums pour le rectum
Espéculos rectales
Specoli rettali



SIMS

	x = 80 mm x 15 mm	x = 80 mm x 15 mm
150 mm – 6"	tk 29001-15	tk 29002-15



MATHIEU

	x = 90 mm
195 mm – 7¾"	tk 29003-19

Mastdarm-Spekula
Rectal specula

Spéculums pour le rectum
Espéculos rectales
Specoli rettali



PRATT

1:2

	x = 80 mm x 25 mm
205 mm – 8"	tk 29006-20



CZERNY

1:2

	x = 110 mm x 25 mm
220 mm – 8¾"	tk 29004-22

Anuskope – Sphinkteroskope
Anoscopes – Sphincteroscopes

Anoscopes – Sphinctérosopes
Anoscopios – Esfinteroscopios
Anoscopi – Sfinteroscopi



IVES-FANSLER

	x=90 mm
22 mm Ø	tk 29011-80

1:2



KELLY

	x= 50 mm
21 mm Ø	tk 29012-50
27 mm Ø	tk 29013-50



BENSAUDE

	185 mm – 7¼"
	x = 55 mm
20 mm Ø	tk 29067-20
23 mm Ø	tk 29067-23

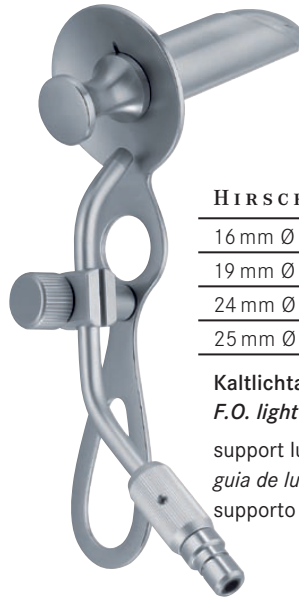
Anuskope – Sphinkteroskope
Anoscopes – Sphincteroscopes

Anuscopes – Sphinctéoscopes
Anoscopios – Esfinteroscopios
Anoscopi – Sfinteroscopi



HIRSCHMANN

16 mm Ø	x = 60 mm	tk 29065-16
19 mm Ø	x = 70 mm	tk 29065-19
22 mm Ø	x = 90 mm	tk 29065-22



HIRSCHMANN

16 mm Ø	tk 29063-16
19 mm Ø	tk 29063-19
24 mm Ø	tk 29063-24
25 mm Ø	tk 29063-25

Kaltlichtaufsatz, Wolf
F.O. light carrier, Wolf

support lumière froide, Wolf
guia de luz fría, Wolf
supporto per luce fredda, Wolf

tk 700-997

Kaltlichtadapter, TEKNO/Storz Anschluss
Cold light, TEKNO/Storz connector

Adaptateur lum. froide, connection TEKNO/Storz
Adaptator luz fría, conexión TEKNO/Storz
Adattatore luce freddo, attacco TEKNO/Storz

Analpreizer
Rectal specula

Spéculums pour le rectum
Espéculos rectales
Divaricatore anale



SMITH-BUIE

	x = 75 mm x 23 mm
150 mm – 6"	tk 29070-15

Max. Spreizweite 115 mm
Max. speed 115 mm

Écartement maximal 115 mm
Apertura máxima 115 mm
Apertura massima 115 mm

Anal spreizer
Rectal specula

Spéculums pour le rectum
Espéculos rectales
Divaricatore anale



ALAN PARKS

140 mm – 5½" | **tk 29020-00**

komplett mit 2 Paar Valven und 1 Mittelvalve
complete with 2 pair of blades and 1 center blade
complet avec 2 paires des valves et 1 valve centrale
completo con 2 juegos de valvas y 1 valva central
completo con 2 paia di valve e 1 valva centrale

22 mm x 75 mm | **tk 29020-02**

Seitenvalven alleine (Paar)
Lateral blades only (pair)
Valves latérales seules (paire)
Valvas laterales solas (par)
Valve laterali solo (paio)

22 mm x 95 mm | **tk 29020-04**

Seitenvalven alleine (Paar)
Lateral blades only (pair)
Valves latérales seules (paire)
Valvas laterales solas (par)
Valve laterali solo (paio)

25 mm x 95 mm | **tk 29020-06**

Mittelvalve alleine
Central blade only
Valve centrale seule
Valva central sola
Valva centrale solo



ALAN PARKS

140 mm – 5½" | **tk 29022-00**

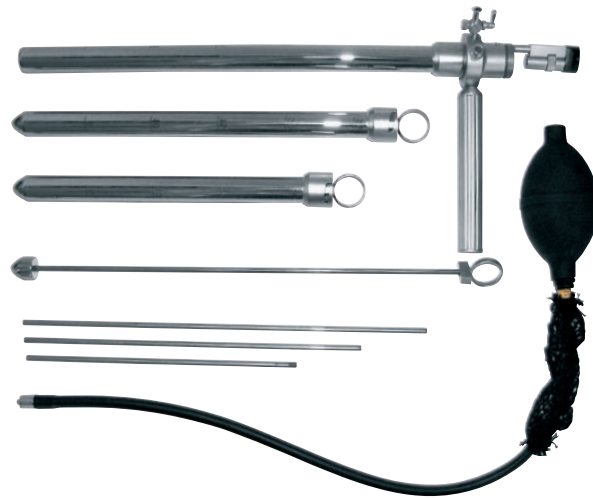
komplett mit 2 Paar Valven und 1 Mittelvalve, mit Kaltlichtanschluss TEKNO/Wolf
complete with 2 pair of blades and 1 center blade, with cold light connector TEKNO/Wolf
complet avec 2 paires des valves et 1 valve centrale, avec raccord de lum. froide TEKNO/Wolf
completo con 2 juegos de valvas y 1 valva central, con connector de luz fría TEKNO/Wolf
completo con 2 paia di valve e 1 valva centrale, con attacco di luce fredda TEKNO/Wolf

tk 29022-01

Kaltlicht-Aufsatz
F.O. light carrier
Support lumière froide
Soporte de luz fría
Supporto per luce fredda

Rektoskop
Rectoscope

Rectoscope
Rectoscopio
Rettoscopio



STRAUSS

tk 28531-01

Kaltlicht-Rektoskop, komplett:

F/O Rektoskopkopf mit Zweiwegehahn, Verschlussdeckel, Teleskop und Griff,
je 1 Rektoskoptubus in 200 mm, 250 mm und 300 mm mit 20 mm Ø,
mit Obturator und F/O Lichtträger Wolf-Anschluss, Doppelgebläse mit Kaltlichteinrichtung

Cold-light rectoscope, complete:

*F/O Rectoscope-head with two-way stop cock, lens cover and telescope handle,
3 rectoscope-tubes 20 mm Ø 200 mm, 250 mm and 300 mm
with obturator and F/O light-carrier Wolf, with double blower, with cold light connection*

Rectoscope à lumière froide, complet:

F/O tête de rectoscope avec robinet, protecteur de lentille, optique et manche,
3 tubes de rectoscope 20 mm Ø, 200 mm, 250 mm et 300 mm de longueur,
avec mandrin et porte-lumière Wolf (F/O), souffleur et connecteur de lumière froide.

Rectoscopio de luz fria, completo:

*F/O cabeza de rectoscopio, con robinete protector de lentes, optica y mango,
3 tubos de rectoscopia de 20 mm, Ø 200 mm, 250 mm y 300 mm de longitud,
con obturador y connector de luz fria Wolf y soplador.*

Luce fredda-Rettoscopio, completo

Testa di rettoscopio con fibre ottiche, con rubinetto a due vie, copri-lente e impugnatura per ottica,
3 tubi per rettoscopio 20 mm Ø, 200 mm, 250 mm e 300 mm
con otturatore e cavo luce, insufflatore a doppia palla e connettore per cavo luce, allacciamento Wolf.

tk 700-997

Kaltlichtadapter TEKNO/Storz

Cold light connector TEKNO/Storz

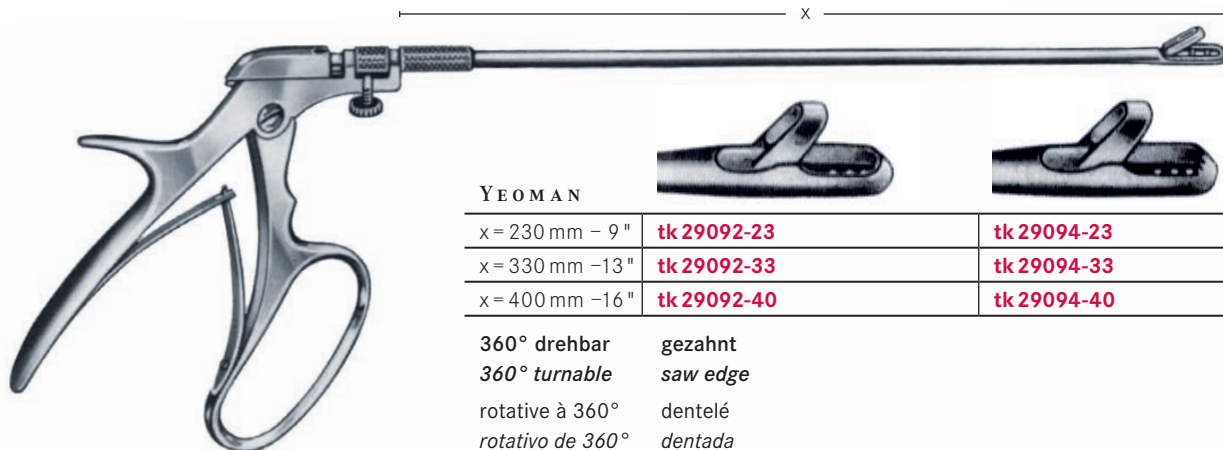
Raccord de lumière froide TEKNO/Storz

Connector de luz fria TEKNO/Storz

Attacco luce fredda TEKNO/Storz

Mastdarm-Biopsiezangen
Rectal biopsy forceps

Pinces pour la biopsie rectale
Pinzas para biopsia rectal
Pinze taglianti per biopsia rettale



YEOMAN

x = 230 mm – 9"	tk 29092-23	tk 29094-23
x = 330 mm – 13"	tk 29092-33	tk 29094-33
x = 400 mm – 16"	tk 29092-40	tk 29094-40

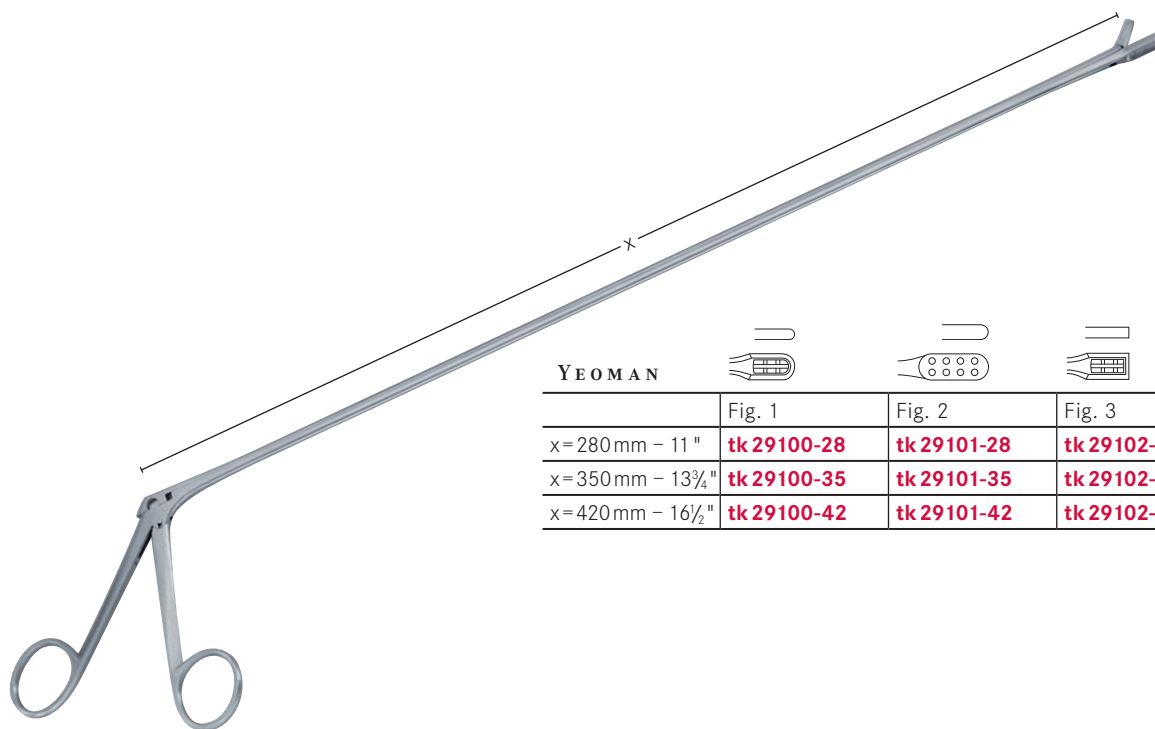
360° drehbar *gezahnt*
360° turnable *saw edge*
rotative à 360° *dentelé*
rotativo de 360° *dentada*
rotativa di 360° *dentata*






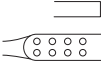
TURREL

x = 230 mm – 9"	tk 29096-23	tk 29098-23
x = 330 mm – 13"	tk 29096-33	tk 29098-33
x = 400 mm – 16"	tk 29096-40	tk 29098-40

360° drehbar *gezahnt*
360° turnable *saw edge*
rotative à 360° *dentelé*
rotativo de 360° *dentada*
rotativa di 360° *dentata*



YEOMAN

				
	Fig. 1	Fig. 2	Fig. 3	Fig. 4
x = 280 mm – 11"	tk 29100-28	tk 29101-28	tk 29102-28	tk 29103-28
x = 350 mm – 13¾"	tk 29100-35	tk 29101-35	tk 29102-35	tk 29103-35
x = 420 mm – 16½"	tk 29100-42	tk 29101-42	tk 29102-42	tk 29103-42

Flexible Zangen
Flexible forceps

Pincas flexibles
Pinzas flexibles
Pinze flessibili



	1.8 mm Ø	2.2 mm Ø	2.6 mm Ø	3.4 mm Ø
120 mm – 47¼"	tk 31100-12	tk 31110-12		
160 mm – 63"	tk 31100-16	tk 31110-16	tk 31120-16	tk 31130-16
180 mm – 70¾"	tk 31100-18	tk 31110-18		
230 mm – 90½"	tk 31100-23	tk 31110-23	tk 31120-23	tk 31130-23



	1.8 mm Ø	2.2 mm Ø	2.6 mm Ø	3.4 mm Ø
120 mm – 47¼"	tk 31101-12	tk 31111-12		
160 mm – 63"	tk 31101-16	tk 31111-16	tk 31121-16	tk 31131-16
180 mm – 70¾"	tk 31101-18	tk 31111-18		
230 mm – 90½"	tk 31101-23	tk 31111-23	tk 31121-23	tk 31131-23



	1.8 mm Ø	2.2 mm Ø	3.4 mm Ø
120 mm – 47¼"	tk 31102-12	tk 31112-12	
160 mm – 63"	tk 31102-16	tk 31112-16	tk 31132-16
180 mm – 70¾"	tk 31102-18	tk 31112-18	
230 mm – 90½"	tk 31102-23	tk 31112-23	tk 31132-23



	1.8 mm Ø	2.2 mm Ø	3.4 mm Ø
120 mm – 47¼"	tk 31103-12	tk 31113-12	
160 mm – 63"	tk 31103-16	tk 31113-16	tk 31133-16
180 mm – 70¾"	tk 31103-18	tk 31113-18	
230 mm – 90½"	tk 31103-23	tk 31113-23	tk 31133-23

Flexible Zangen
Flexible forceps

Pinces flexibles
Pinzas flexibles
Pinze flessibili



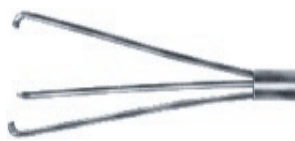
	1.8 mm Ø	2.2 mm Ø
160 mm – 63"	tk 31140-16	tk 31150-16
230 mm – 90½"	tk 31140-23	tk 31150-23



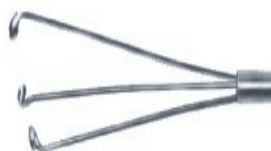
	1.8 mm Ø	2.2 mm Ø
160 mm – 63"	tk 31142-16	tk 31152-16
230 mm – 90½"	tk 31142-23	tk 31152-23



	1.8 mm Ø	2.2 mm Ø
160 mm – 63"	tk 31143-16	tk 31153-16
230 mm – 90½"	tk 31143-23	tk 31153-23



	1.8 mm Ø	2.2 mm Ø
160 mm – 63"	tk 31146-16	tk 31156-16
230 mm – 90½"	tk 31146-23	tk 31156-23



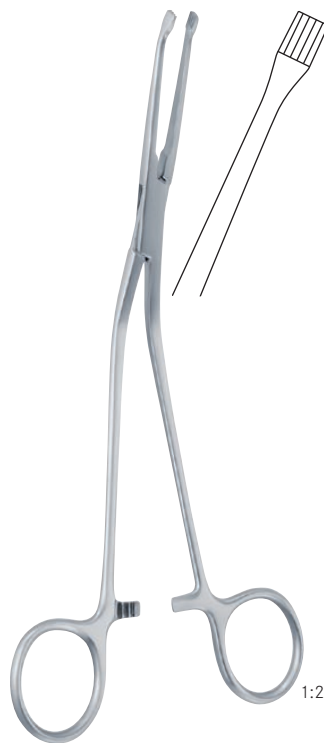
	1.8 mm Ø	2.2 mm Ø
160 mm – 63"	tk 31147-16	tk 31157-16
230 mm – 90½"	tk 31147-23	tk 31157-23

Hämorrhoidal-Zangen
Haemorrhoidal forceps

Pincas hémorroidales
Pinzas hemorroidales
Pinze emorroidali



LUER
245 mm – 9¾" tk 29105-24



MC GIVNEY
190 mm – 7½"

1x gebogen
single curved
courbé simple
curvado simple
curvatura singola



tk 29112-19

2x gebogen
double curved
courbé double
curvado doble
curvatura doppia

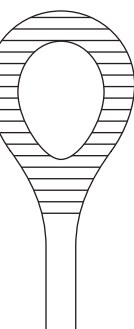
Polypenfasszangen
Polypus grasping forceps

Pinces pour saisir polypes
Pinzas para coger pólipos
Pinze per afferrare polipi



**HEYWOOD-
SMITH**

200 mm – 8"

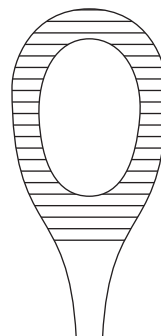


tk29114-20



**HEYWOOD-
SMITH**

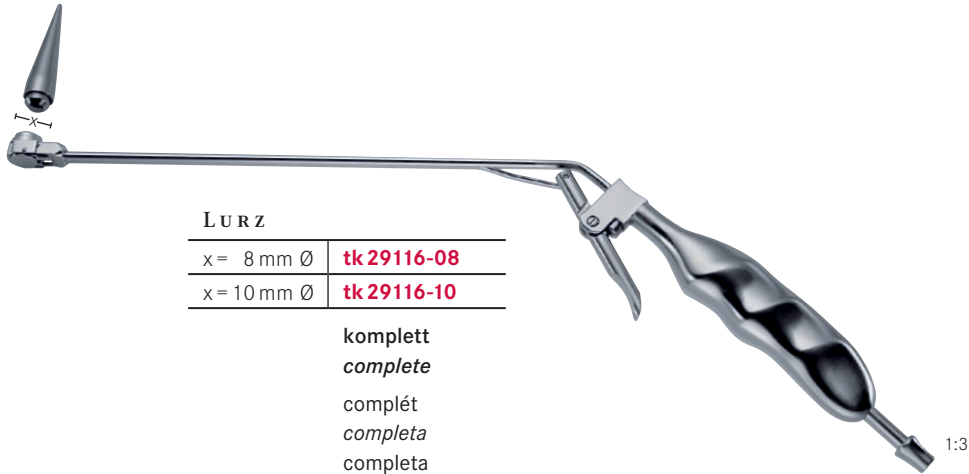
210 mm – 8¼"



tk29115-21

Hämorrhoidal-Ligatoren
Haemorrhoidal ligators

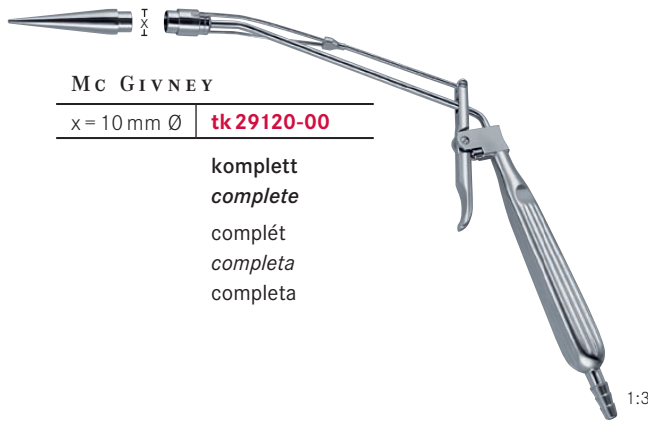
Ligateurs hémorroïdales
Ligadores hemorroidales
Legatori emorroidali



LURZ

x = 8 mm Ø	tk 29116-08
x = 10 mm Ø	tk 29116-10

komplett
complete
complét
completa
completa



MC GIVNEY

x = 10 mm Ø	tk 29120-00
-------------	--------------------

komplett
complete
complét
completa
completa

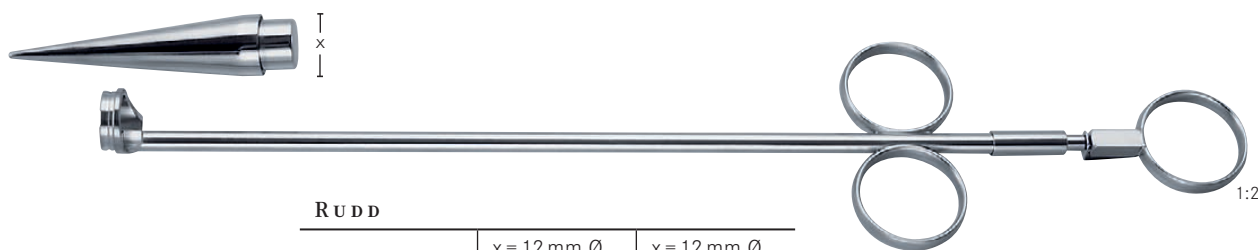
tk 29140-00

Gummiringe, Packung à 100 Stück
Rubber rings, package of 100 pieces

Anneaux de caoutchouc à ligatures, paquet de 100 pièces
Anillos de goma para ligaduras, paquete de 100 piezas
Anelli di gomma, pacchetto di 100 pezzi

Hämorrhoidal-Ligatoren
Haemorrhoidal ligators

Ligateurs hémorroïdales
Ligadores hemorroidales
 Legatori emorroidali



RUDD		
	x = 12 mm Ø	x = 12 mm Ø
315 mm – 12½"	tk 29130-00	tk 29130-01
	komplett	Ladekegel allein
	complete	Cone piece only
	complét	Cône seule
	completa	Cono solo
	completa	Cono solo

tk 29140-00

Gummiringe, Packung à 100 Stück
Rubber rings, package of 100 pieces

Anneaux de caoutchouc à ligatures, paquet de 100 pièces
Anillos de goma para ligaduras, paquete de 100 piezas
 Anelli di gomma, pacchetto di 100 pezzi

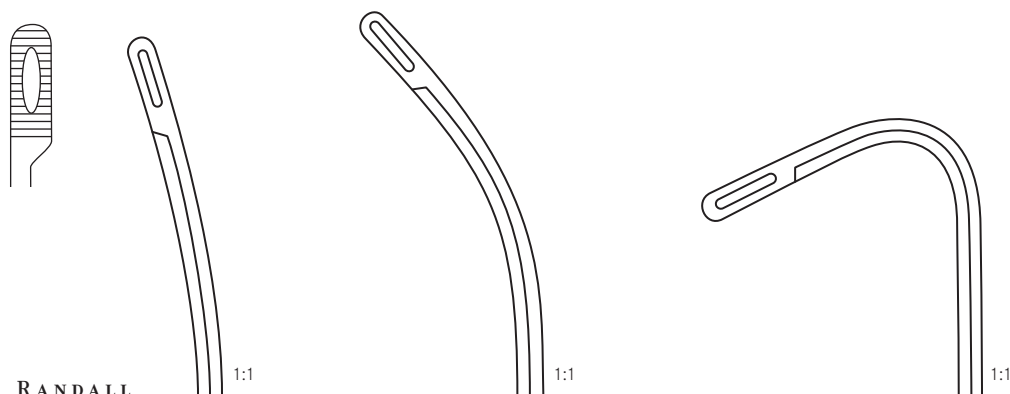


Urologie | Urologie
Urology | *Urología*
Urologia



Nierensteinzangen
Kidney stone forceps

Pinces pour les calculs rénaux
Pinzas para cálculos renales
Pinze per calcoli renali



RANDALL		
Fig. 1	Fig. 2	Fig. 3
230 mm – 9"	220 mm – 8¾"	190 mm – 7½"
tk 30221-23	tk 30222-22	tk 30223-22

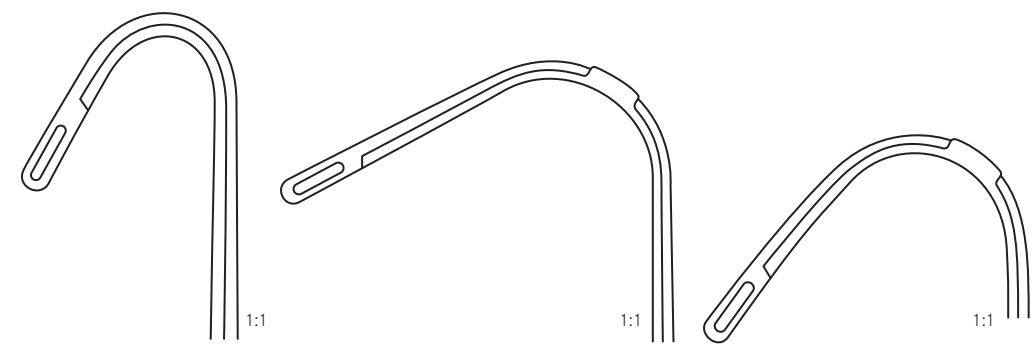
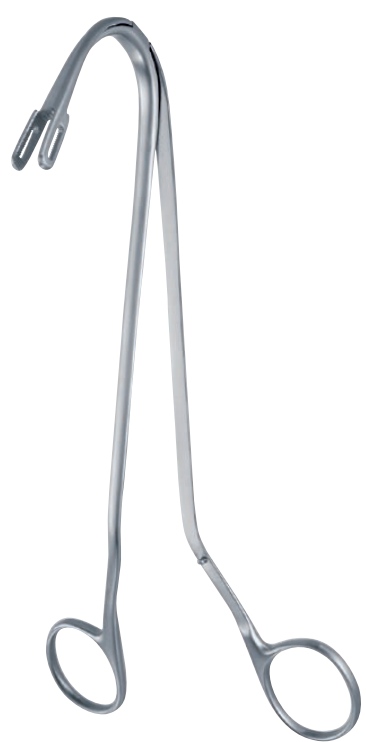


Fig. 4	Fig. 5	Fig. 6
190 mm – 7½"	190 mm – 7½"	190 mm – 7½"
tk 30224-22	tk 30225-19	tk 30226-19

Gallenstein-Instrumente
Gall stone instruments

Instruments pour calculs biliaires
Instrumental para coger cálculos biliares
Strumenti per canali bilari



1:3

	1 mm	2 mm	3 mm	4 mm	5 mm	6 mm	7 mm
	1:1	1:1	1:1	1:1	1:1	1:1	1:1
BAKES	Fig. 1	Fig. 2	Fig. 3	Fig. 4	Fig. 5	Fig. 6	Fig. 7
300 mm – 12"	tk 30100-01	tk 30100-02	tk 30100-03	tk 30100-04	tk 30100-05	tk 30100-06	tk 30100-07

biegsam
malleable
malléable
malleable
flessibile

	8 mm	9 mm	10 mm	11 mm	12 mm	13 mm
	Fig. 8	Fig. 9	Fig. 10	Fig. 11	Fig. 12	Fig. 13
300 mm – 12"	tk 30100-08	tk 30100-09	tk 30100-10	tk 30100-11	tk 30100-12	tk 30100-13

biegsam
malleable
malléable
malleable
flessibile



1:3

	1:1	1:1	1:1
DESJARDINS	Fig. 1	Fig. 2	Fig. 3
280 mm – 11"	tk 30260-01	tk 30260-02	tk 30260-03

federnd
elastic
élastique
elastica
elastico

Gallenstein-Instrumente
Gall stone instruments

Instruments pour calculs biliaires
Instrumental para coger cálculos biliares
Strumenti per canali bilari

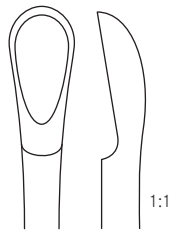


DESJARDINS



	Fig. 1	Fig. 2	Fig. 3	Fig. 4
300 mm – 12"	tk 30110-01	tk 30110-02	tk 30110-03	tk 30110-04

federnd
elastic
élastique
elastica
elastico



MOYNIHAN

	x = 5 mm
340 mm – 13½"	tk 30258-34

biegsam
malleable
malléable
maleable
flessibile

Gallensteinlöffel
Gall stone scoops

Curettes pour calculs biliaires
Cucharillas para coger cálculos billares
Cucchiai per colcoli bilari



LUER-KOERTE

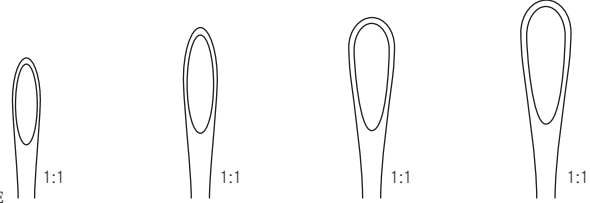


	Fig. 000	Fig. 00	Fig. 0	Fig. 1
320 mm – 12½"	tk 30285-01	tk 30285-02	tk 30285-03	tk 30285-04

biegsam, stumpf
malleable, blunt
malléable, mousse
maleable, roma
flessibile, smussa

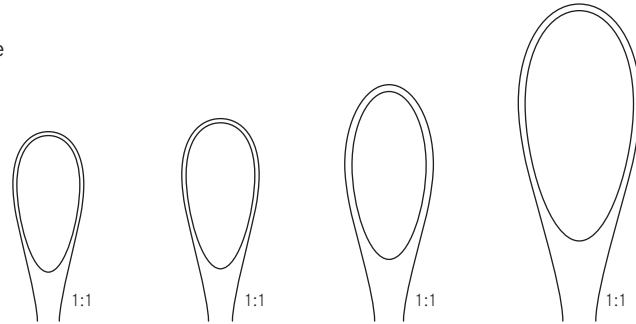


	Fig. 2	Fig. 3	Fig. 4	Fig. 5
320 mm – 12½"	tk 30285-05	tk 30285-06	tk 30285-07	tk 30285-08

biegsam, stumpf
malleable, blunt
malléable, mousse
maleable, roma
flessibile, smussa



MAYO

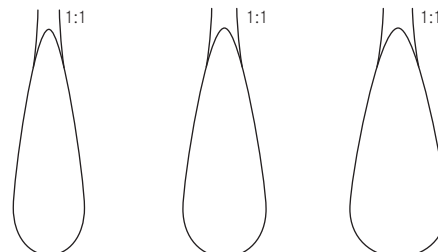
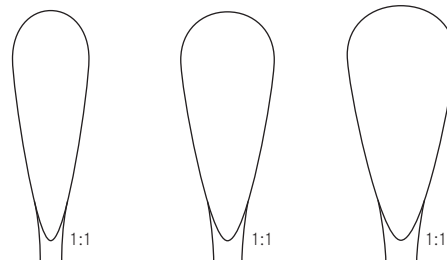
280 mm – 11"	tk 30290-28
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1:2



FERGUSON

215 mm – 8½"	220 mm – 8¾"	235 mm – 9¼"
tk 30295-21	tk 30295-22	tk 30295-23



Gallenstein-Instrumente
Gall stone instruments

Instruments pour calculs biliaires
Instrumental para coger cálculos biliares
Strumenti per canali bilari

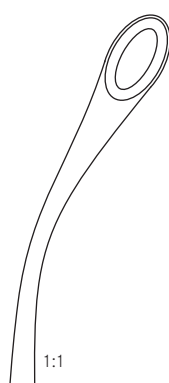


BLAKE

200 mm – 8"



1:1



1:1

tk 30200-20

tk 30201-20



DESJARDINS

230 mm – 9"



1:1



1:1

tk 30210-23

tk 30212-23

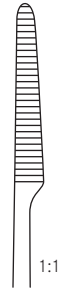
Gallenstein-Instrumente
Gall stone instruments

Instruments pour calculs biliaires
Instrumental para coger cálculos biliares
Strumenti per canali bilari



CZERNY

245 mm – 9¾"



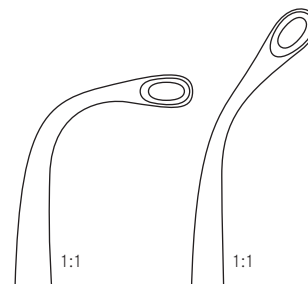
1:1

tk 30267-25

1:2



TURNER-
WARWICK



1:1

1:1

180 mm – 7"

190 mm – 7½"

tk 30265-18

tk 30265-19

Prostatahaken
Prostatic retractors

Ecarteurs prostatiques
Separadores para la próstata
Divaricatori prostatici



YOUNG

tk 30300-21 | 210 mm – 8¼"

1:2



YOUNG

tk 30302-22 | 220 mm – 8¾"

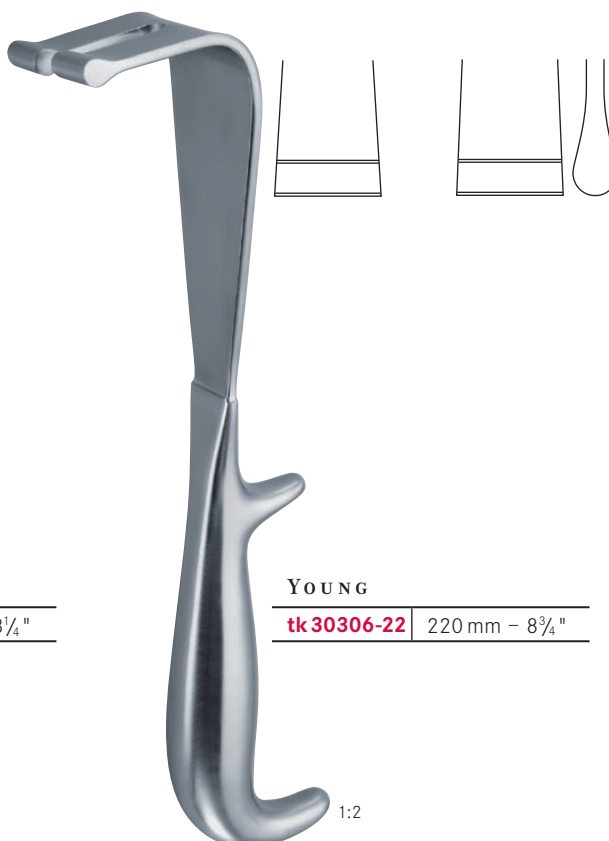
1:2



YOUNG

tk 30304-21 | 210 mm – 8¼"

1:2



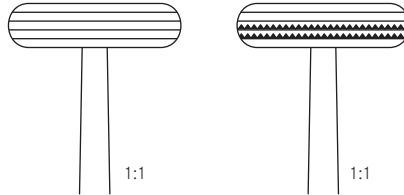
YOUNG

tk 30306-22 | 220 mm – 8¾"

1:2

Instrumente für Prostata-Operationen
Prostatectomy instruments

Instruments pour prostatectomie
Instrumentos para prostatectomía
Strumenti per operazioni della prostata



MILLIN

230 mm – 9"	235 mm – 9 1/4"
tk 30320-23	tk 30328-24 Atrauma

Kapselfasszange zur retropubischen Prostatektomie
Capsule forceps for retropubic prostatectomy

Pince pour saisir les capsules pour la prostatectomie rétropubique
Pinza capsular para le prostatectomía retropúbica
Pinza a capsula per prostatectomia retropubica



MILLIN

230 mm – 9"	tk 30322-23
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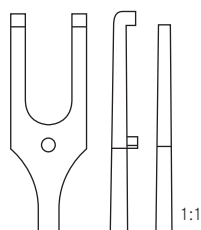
Fasszange für die vorderen Lappen
Prostatic lobe holding forceps

Pince pour saisir les lambeaux
Pinza para coger los lóbulos anteriores
Pinza da presa per lobo prostatico

1:2

Instrumente für Prostata-Operationen
Prostatectomy instruments

Instruments pour prostatectomie
Instrumentos para prostatectomía
Strumenti per operazioni della prostata



MILLIN

240 mm – 9½" tk 30324-24

Fadenführungszange
Ligatur carrying forceps

Pince porte-fil
Pinza porta-ligaduras
Pinza per fili di sutura

1:2



YOUNG

205 mm – 8" tk 30310-20

Prostata-Fasszange
Prostate holding forceps

Pince pour saisir la prostate
Pinza para coger la próstata
Pinza da presa per lobo prostatico

1:2

Blasenwundspreizer
Bladder retractors

 Ecarteurs vésicaux
Separadores vesicales
 Divaricatori vescicali

THOMSON-WALKER
tk 30335-00

komplett mit 2 Paar Seitenvalven, 1 Mittelvalve
complete with 2 pairs of lateral blades, 1 central blade
 complet, avec 2 paires de valves latérales, 1 valve centrale
completo con 2 pares de valvas laterales, 1 valva central
 completo, con 2 paia di valve laterali, 1 valva centrale


MILLIN

		57 mm x 25 mm	80 mm x 25 mm	120 mm x 45 mm
tk 30352-00	tk 30352-10	tk 30352-11	tk 30352-12	tk 30352-13
komplett <i>complete</i>	Sperrer, allein <i>Spreader, only</i>	2 Blätter <i>2 Blades</i>	2 Blätter <i>2 Blades</i>	1 Mittelblatt <i>1 Center blade</i>
complét <i>completa</i>	Retracteur, seul <i>Retracteur, solo</i>	2 Valves <i>2 Valvas</i>	2 Valves <i>2 Valvas</i>	1 Valve centrale <i>1 Valva central</i>
completa	Divaricatore, solo	2 Valve	2 Valve	1 Valva centrale

tk 30352-01

komplett mit Kaltlichtaufsatz
complete with cold light carrier
 complét avec guide de lumière froide
completa con guía de luz fría
 completa con portaluze fredda

tk 30352-02
Kaltlichtaufsatz
Cold light carrier

Guide de lumière froide
Guía de luz fría
 Porta luce fredda, solo

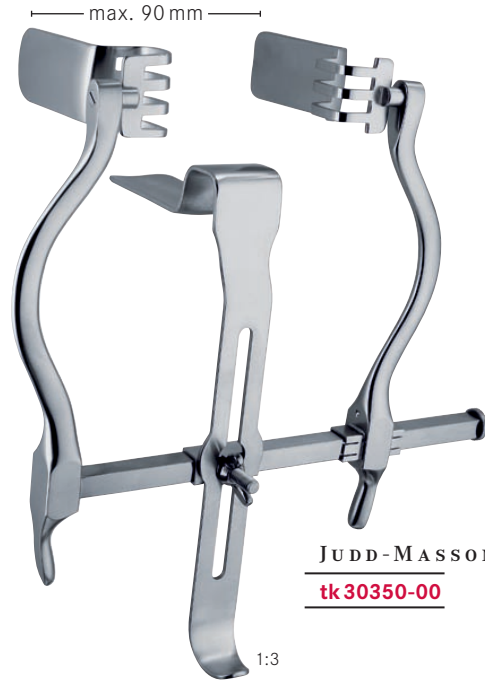
Blasenwundspreizer
Bladder retractors

Ecarteurs vésicaux
Separadores vesicales
Divaricatori vescicali



LEGUEU
tk 30336-00

1:3



JUDD-MASSON
tk 30350-00

1:3



LEGUEU

1:3

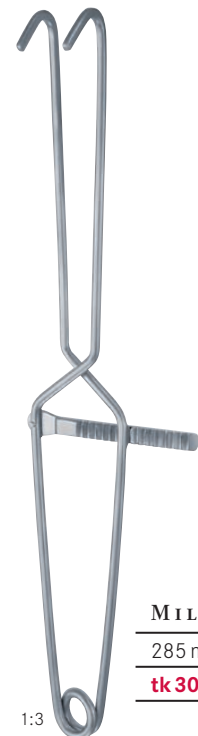
	x = 35 mm
270 mm – 10 ³ / ₄ "	tk 30361-27



KOCHER

1:3

	x = 67 mm
260 mm – 10 ¹ / ₄ "	tk 30363-26



MILLIN

1:3

	285 mm – 11 ¹ / ₄ "
	tk 30331-00

Dilatationsbougies
Dilating bougies

Bougies dilatatrices
Bujías dilatadoras
Candelette dilatatrici

DITTEL

		220 mm–8¾"
2⅓ mm Ø	8 Charr./Fr.	tk 30390-08
3 mm Ø	9 Charr./Fr.	tk 30390-09
3⅓ mm Ø	10 Charr./Fr.	tk 30390-10
3½ mm Ø	11 Charr./Fr.	tk 30390-11
4 mm Ø	12 Charr./Fr.	tk 30390-12
4⅓ mm Ø	13 Charr./Fr.	tk 30390-13
4½ mm Ø	14 Charr./Fr.	tk 30390-14
5 mm Ø	15 Charr./Fr.	tk 30390-15
5⅓ mm Ø	16 Charr./Fr.	tk 30390-16
5½ mm Ø	17 Charr./Fr.	tk 30390-17
6 mm Ø	18 Charr./Fr.	tk 30390-18
6⅓ mm Ø	19 Charr./Fr.	tk 30390-19
6½ mm Ø	20 Charr./Fr.	tk 30390-20
7 mm Ø	21 Charr./Fr.	tk 30390-21
7⅓ mm Ø	22 Charr./Fr.	tk 30390-22
7½ mm Ø	23 Charr./Fr.	tk 30390-23
8 mm Ø	24 Charr./Fr.	tk 30390-24
8⅓ mm Ø	25 Charr./Fr.	tk 30390-25
8½ mm Ø	26 Charr./Fr.	tk 30390-26
9 mm Ø	27 Charr./Fr.	tk 30390-27
9⅓ mm Ø	28 Charr./Fr.	tk 30390-28
9½ mm Ø	29 Charr./Fr.	tk 30390-29
10 mm Ø	30 Charr./Fr.	tk 30390-30
10⅓ mm Ø	32 Charr./Fr.	tk 30390-32
11 mm Ø	33 Charr./Fr.	tk 30390-33
11⅓ mm Ø	34 Charr./Fr.	tk 30390-34
12 mm Ø	36 Charr./Fr.	tk 30390-36

1:2



gerade
straight
droit
recta
rette

DITTEL

		350 mm–13¾"
2⅓ mm Ø	8 Charr./Fr.	tk 30392-08
3 mm Ø	9 Charr./Fr.	tk 30392-09
3⅓ mm Ø	10 Charr./Fr.	tk 30392-10
3½ mm Ø	11 Charr./Fr.	tk 30392-11
4 mm Ø	12 Charr./Fr.	tk 30392-12
4⅓ mm Ø	13 Charr./Fr.	tk 30392-13
4½ mm Ø	14 Charr./Fr.	tk 30392-14
5 mm Ø	15 Charr./Fr.	tk 30392-15
5⅓ mm Ø	16 Charr./Fr.	tk 30392-16
5½ mm Ø	17 Charr./Fr.	tk 30392-17
6 mm Ø	18 Charr./Fr.	tk 30392-18
6⅓ mm Ø	19 Charr./Fr.	tk 30392-19
6½ mm Ø	20 Charr./Fr.	tk 30392-20
7 mm Ø	21 Charr./Fr.	tk 30392-21
7⅓ mm Ø	22 Charr./Fr.	tk 30392-22
7½ mm Ø	23 Charr./Fr.	tk 30392-23
8 mm Ø	24 Charr./Fr.	tk 30392-24
8⅓ mm Ø	25 Charr./Fr.	tk 30392-25
8½ mm Ø	26 Charr./Fr.	tk 30392-26
9 mm Ø	27 Charr./Fr.	tk 30392-27
9⅓ mm Ø	28 Charr./Fr.	tk 30392-28
9½ mm Ø	29 Charr./Fr.	tk 30392-29
10 mm Ø	30 Charr./Fr.	tk 30392-30
10⅓ mm Ø	32 Charr./Fr.	tk 30392-32
11 mm Ø	33 Charr./Fr.	tk 30392-33
11⅓ mm Ø	34 Charr./Fr.	tk 30392-34
12 mm Ø	36 Charr./Fr.	tk 30392-36

1:2



gebogen
curved
courbe
curva
curve

Dilationsbougies | **Bougies dilatatrices**
Dilating bougies | **Bujías dilatadoras**
Candelette dilatatrici



VAN BUREN

2 2/3 mm Ø	8 Charr./Fr.	tk 30391-08
3 1/3 mm Ø	10 Charr./Fr.	tk 30391-10
4 mm Ø	12 Charr./Fr.	tk 30391-12
4 2/3 mm Ø	14 Charr./Fr.	tk 30391-14
5 1/3 mm Ø	16 Charr./Fr.	tk 30391-16
6 mm Ø	18 Charr./Fr.	tk 30391-18
6 2/3 mm Ø	20 Charr./Fr.	tk 30391-20
7 1/3 mm Ø	22 Charr./Fr.	tk 30391-22
8 mm Ø	24 Charr./Fr.	tk 30391-24
8 2/3 mm Ø	26 Charr./Fr.	tk 30391-26
9 1/3 mm Ø	28 Charr./Fr.	tk 30391-28
10 mm Ø	30 Charr./Fr.	tk 30391-30
10 2/3 mm Ø	32 Charr./Fr.	tk 30391-32
11 1/3 mm Ø	34 Charr./Fr.	tk 30391-34
12 mm Ø	36 Charr./Fr.	tk 30391-36

VAN BUREN
tk 30391-00

Satz, Fig. 08 – Fig. 36
 Set, Fig. 08 – Fig. 36
 Jeu, Fig. 08 – Fig. 36
 Juego, Fig. 08 – Fig. 36
 Serie, Fig. 08 – Fig. 36



GUYON

3 1/3 mm Ø	10 Charr./Fr.	tk 30393-10
3 2/3 mm Ø	11 Charr./Fr.	tk 30393-11
4 mm Ø	12 Charr./Fr.	tk 30393-12
4 1/3 mm Ø	13 Charr./Fr.	tk 30393-13
4 2/3 mm Ø	14 Charr./Fr.	tk 30393-14
5 mm Ø	15 Charr./Fr.	tk 30393-15
5 1/3 mm Ø	16 Charr./Fr.	tk 30393-16
5 2/3 mm Ø	17 Charr./Fr.	tk 30393-17
6 mm Ø	18 Charr./Fr.	tk 30393-18
6 1/3 mm Ø	19 Charr./Fr.	tk 30393-19
6 2/3 mm Ø	20 Charr./Fr.	tk 30393-20
7 mm Ø	21 Charr./Fr.	tk 30393-21
7 1/3 mm Ø	22 Charr./Fr.	tk 30393-22
7 2/3 mm Ø	23 Charr./Fr.	tk 30393-23
8 mm Ø	24 Charr./Fr.	tk 30393-24
8 1/3 mm Ø	25 Charr./Fr.	tk 30393-25
8 2/3 mm Ø	26 Charr./Fr.	tk 30393-26
9 mm Ø	27 Charr./Fr.	tk 30393-27
9 1/3 mm Ø	28 Charr./Fr.	tk 30393-28
9 2/3 mm Ø	29 Charr./Fr.	tk 30393-29
10 mm Ø	30 Charr./Fr.	tk 30393-30

GUYON
tk 30393-00

Satz, Fig. 10 – Fig. 30, ohne Innengewinde
 Set, Fig. 10 – Fig. 30, without inner thread
 Jeu, Fig. 10 – Fig. 30, sans filet intérieur
 Juego, Fig. 10 – Fig. 30, sin filete interior
 Serie, Fig. 10 – Fig. 30, senza filetto interno

Metallkatheter für Frauen
Metal catheters for women

Sondes métalliques pour femmes
 Sondas metálicas para mujeres
 Sonde metalliche per donne

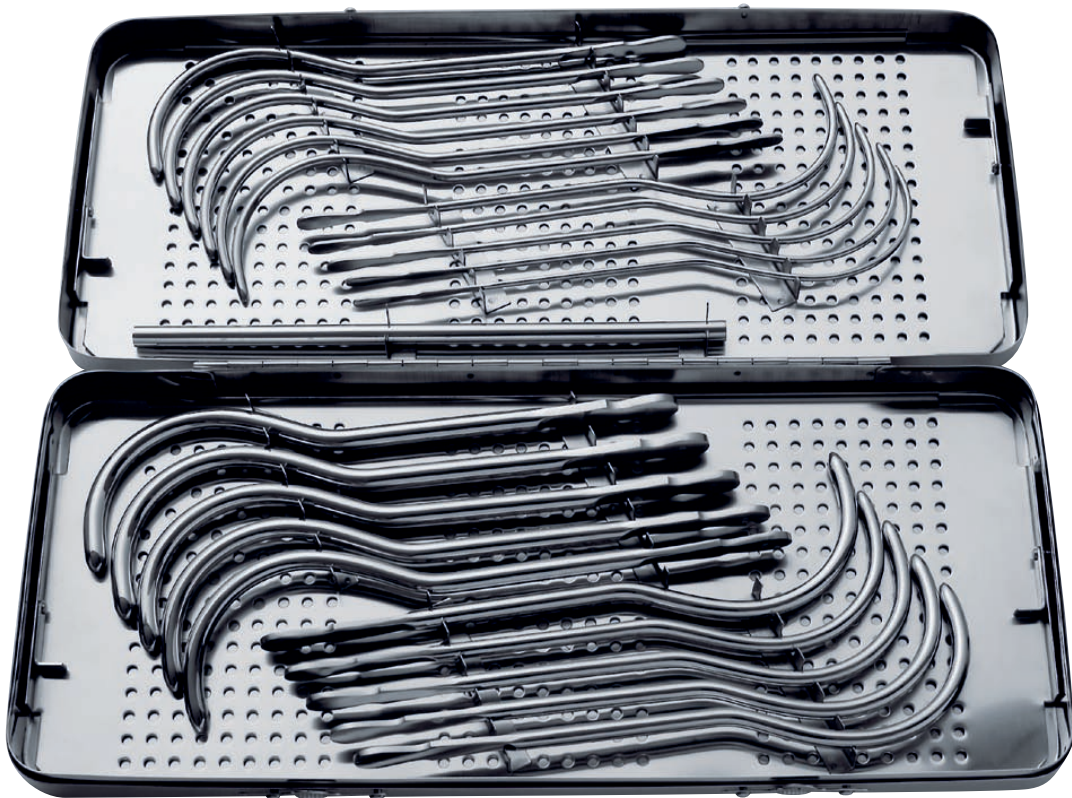


GUYON

2 mm Ø	6 Charr./Fr.	tk 30410-06
2 1/3 mm Ø	7 Charr./Fr.	tk 30410-07
2 2/3 mm Ø	8 Charr./Fr.	tk 30410-08
3 mm Ø	9 Charr./Fr.	tk 30410-09
3 1/3 mm Ø	10 Charr./Fr.	tk 30410-10
3 2/3 mm Ø	11 Charr./Fr.	tk 30410-11
4 mm Ø	12 Charr./Fr.	tk 30410-12
4 1/3 mm Ø	13 Charr./Fr.	tk 30410-13
4 2/3 mm Ø	14 Charr./Fr.	tk 30410-14
5 mm Ø	15 Charr./Fr.	tk 30410-15
5 1/3 mm Ø	16 Charr./Fr.	tk 30410-16
5 2/3 mm Ø	17 Charr./Fr.	tk 30410-17
6 mm Ø	18 Charr./Fr.	tk 30410-18
6 1/3 mm Ø	19 Charr./Fr.	tk 30410-19
6 2/3 mm Ø	20 Charr./Fr.	tk 30410-20
7 mm Ø	21 Charr./Fr.	tk 30410-21
7 1/3 mm Ø	22 Charr./Fr.	tk 30410-22
7 2/3 mm Ø	23 Charr./Fr.	tk 30410-23
8 mm Ø	24 Charr./Fr.	tk 30410-24

Dilationsbougies
Dilating bougies

Bougies dilatatrices
Bujías dilatadoras
Candelette dilatatrici



GUYON

420 mm x 175 mm x 40 mm

tk 30398-00

komplett, Charr. 10 – 30, im Edelstahl-Etui
complete, Charr. 10 – 30, in steel case

complet, Charr. 10 – 30, en étui métallique

completa, Charr. 10 – 30, en caja metalica

completa, Charr. 10 – 30, in astuccio metallico

Urethrotom
Urethrotome

Urétrótome
Uretrótomo
 Uretrotomi



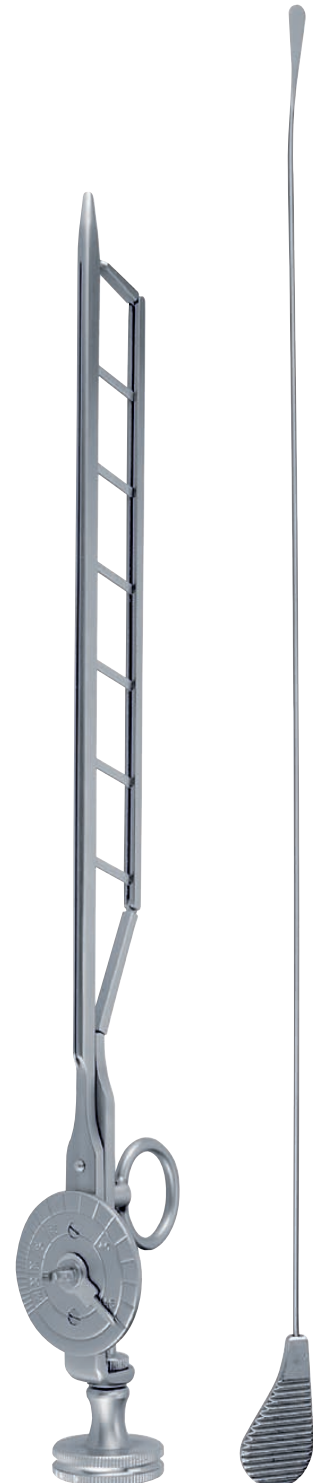
OTIS

tk30423-00

komplett, im Holzetui
 mit Dilatator, 2 Messern und 3 Ansätzen
*complete in wooden case
 with dilator, 2 knives and 3 tips*
 complet, en boîte de bois
 avec dilateur, 2 lames et 3 embouts
*completo en caja de madera
 con dilatador, 2 cuchillos y 3 puntas*
 completo, in contenitore di legno
 con dilatatore, 2 bisturi e 3 punte

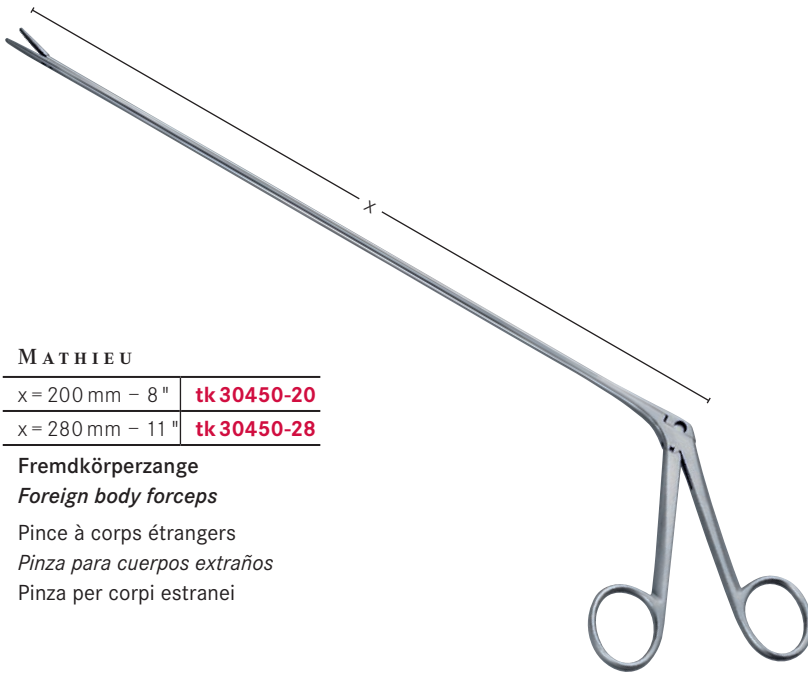
tk 30424-00

Ersatzmesser
Spare blade
 Lame de rechange
Hoja de cambio
 Lama di ricambio



Urologie-Instrumente
Instruments for urology

Instruments pour l'urologie
Instrumentos para la urología
Strumenti per urologia



MATHIEU

x = 200 mm – 8"	tk 30450-20
x = 280 mm – 11"	tk 30450-28

Fremdkörperzange

Foreign body forceps

Pince à corps étrangers

Pinza para cuerpos extraños

Pinza per corpi estranei



1:2

160 mm – 6¼"	tk 17011-16
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Samenstrang-Haken

Hook for the spermatic cord

Crochet pour le cordon spermatique

Granchó para el cordón espermático

Uncino per dotto spermatico



GUYON

1:3

1:3

390 mm – 15½"

350 mm – 13¾"

tk 30444-39

tk 30445-35

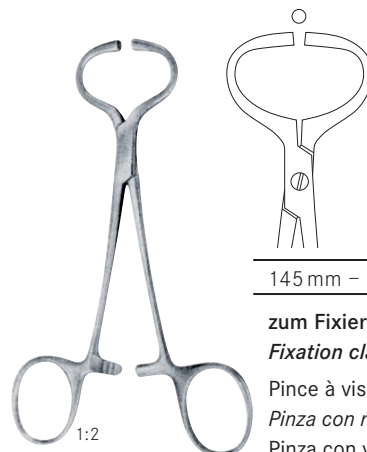
Katheterspanner

Mandrin for rubber catheters

Mandrin pour cathéters

Mandril para catéteres

Introduttore per catheteri



1:2

145 mm – 5¾"	tk 30467-14
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zum Fixieren des Samenstranges

Fixation clamp for the spermatic cord

Pince à vis pour fixation du cordon spermatique

Pinza con rosca para fijación el cordon espermático

Pinza con vite per fissare il funicolo spermatico

Beschneidungsinstrumente
Circumcision instruments

Instruments de circoncision
Instrumentos para circuncisión
Strumenti per circoncisione



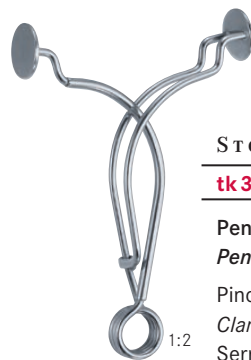
8 mm Ø	tk 30456-08
11 mm Ø	tk 30456-11
13 mm Ø	tk 30456-13
16 mm Ø	tk 30456-16
21 mm Ø	tk 30456-21
26 mm Ø	tk 30456-26
32 mm Ø	tk 30456-32

Beschneidungsklemme
Circumcision instrument
Instrument de circoncision
Instrumento para circuncisión
Strumento di circoncisione



75 mm – 3"	tk 30458-00
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Beschneidungsklemme
Circumcision instrument
Instrument de circoncision
Instrumento para circuncisión
Strumento di circoncisione



STOCKMANN
tk 30460-08

Penisklemme
Penis clamp
Pince pour le pénis
Clamp para el pene
Serrapene



STRAUSS
tk 30465-11

Penisklemme
Penis clamp
Pince pour le pénis
Clamp para el pene
Serrapene



Gynäkologie | Gynécologie
Gynecology | Ginecología
Ginecologia



Scheidenspekula
Vaginal specula

Spéculums vaginaux
Espéculos vaginales
Specoli vaginali



Cusco

75 mm x 32 mm	tk 34001-01
85 mm x 35 mm	tk 34001-02
100 mm x 35 mm	tk 34001-03

75 mm x 17 mm	tk 34005-04
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für Jungfrauen
for virgins

pour vierges
para virgenes
per vergine



Cusco

75 mm x 32 mm	tk 34007-01
85 mm x 35 mm	tk 34007-02
100 mm x 37 mm	tk 34007-03



Scheidenspekula mit Absaugung auf Anfrage lieferbar.
Specula with aspiration are available upon request.

Spéculums avec aspiration sont disponibles sur demande.
Espéculos con aspiración son disponibles según demanda.

A richiesta gli specoli sono fornibili anche con tubo d'aspirazione.

Scheidenspekula
Vaginal specula

Spéculums vaginaux
Espéculos vaginales
Specoli vaginali



Cusco

80 mm x 22 mm	tk 34012-01
100 mm x 25 mm	tk 34012-02
105 mm x 27 mm	tk 34012-03

Schweizer Modell

Swiss pattern

Modèle suisse

Modelo suizo

Modello svizzero



GRAVE

75 mm x 20 mm	tk 34015-01
95 mm x 35 mm	tk 34015-02
115 mm x 35 mm	tk 34015-03



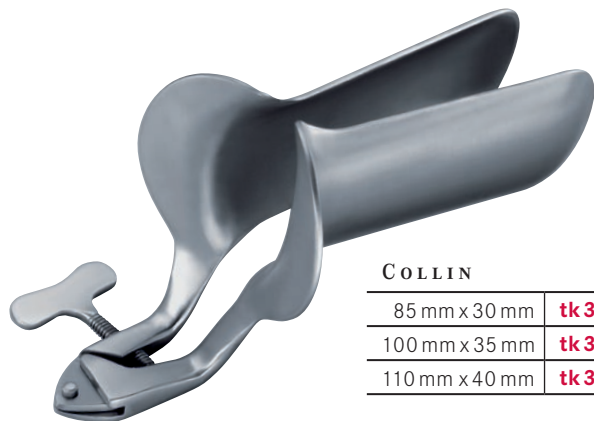
Scheidenspekula mit Absaugung auf Anfrage lieferbar.
Specula with aspiration are available upon request.

Spéculums avec aspiration sont disponibles sur demande.
Espéculos con aspiración son disponibles según demanda.

A richiesta gli specoli sono fornibili anche con tubo d'aspirazione.

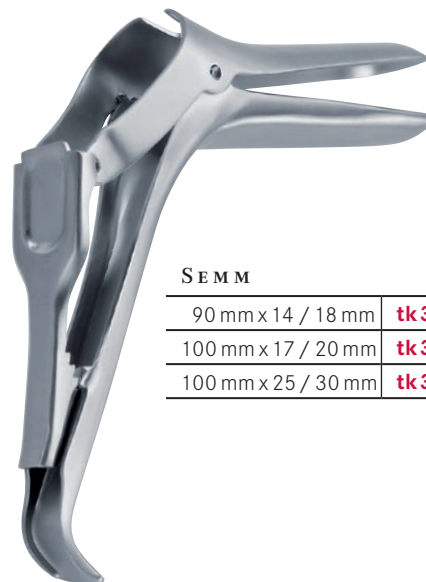
Scheidenspekula
Vaginal specula

Spéculums vaginaux
Espéculos vaginales
Specoli vaginali



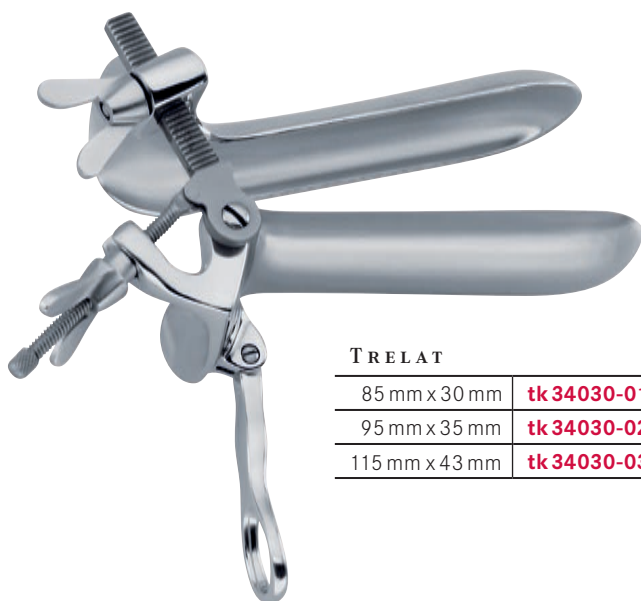
COLLIN

85 mm x 30 mm	tk 34018-01
100 mm x 35 mm	tk 34018-02
110 mm x 40 mm	tk 34018-03



SEMM

90 mm x 14 / 18 mm	tk 34020-00
100 mm x 17 / 20 mm	tk 34020-01
100 mm x 25 / 30 mm	tk 34020-02



TRELAT

85 mm x 30 mm	tk 34030-01
95 mm x 35 mm	tk 34030-02
115 mm x 43 mm	tk 34030-03



PEDERSON

75 mm x 13 mm	tk 34032-01
100 mm x 22 mm	tk 34032-02
120 mm x 25 mm	tk 34032-03



Scheidenspekula mit Absaugung auf Anfrage lieferbar.
Specula with aspiration are available upon request.

Spéculums avec aspiration sont disponibles sur demande.
Espéculos con aspiración son disponibles según demanda.

A richiesta gli specoli sono fornibili anche con tubo d'aspirazione.

Scheidenspekula
Vaginal specula

Spéculums vaginaux
Espéculos vaginales
Specoli vaginali



KRISTELLER

70 mm x 27 mm	tk 34050-01
80 mm x 30 mm	tk 34050-02
90 mm x 36 mm	tk 34050-03
110 mm x 27 mm	tk 34050-04
110 mm x 30 mm	tk 34050-05
110 mm x 36 mm	tk 34050-06

Spekulum
Speculum
Spéculum
Espéculo
Specolo



75 mm x 23 mm	tk 34051-01
85 mm x 26 mm	tk 34051-02
100 mm x 32 mm	tk 34051-03
115 mm x 23 mm	tk 34051-04
115 mm x 26 mm	tk 34051-05
115 mm x 32 mm	tk 34051-06

Halter
Retractor
Valve
Valva
Valve



tk 34052-01
tk 34052-02
tk 34052-03
tk 34052-04
tk 34052-05
tk 34052-06

Satz
Set
Jeu
Juego
Serie

Scheidenspekula
Vaginal specula

Spéculums vaginaux
Espéculos vaginales
Specoli vaginali



KRISTELLER

105mm x 18 mm	tk 34055-01
105 mm x 21 mm	tk 34055-02

Spekulum konisch, für Jungfrauen
Speculum tapered, for virgins

Spéculum conique, pour vierges
Espéculo conico, para virgenes
Specolo conico, per virgini



110 mm x 14 mm	tk 34056-01
115 mm x 17 mm	tk 34056-02

Halter
Retractor

Valve
Valva
Valve



tk 34057-01
tk 34057-02

Satz
Set

Jeu
Juego
Serie

Scheidenspekula
Vaginal specula

Spéculums vaginaux
Espéculos vaginales
Specoli vaginali



JACKSON

75 mm x 35 mm	tk 34070-10
75 mm x 40 mm	tk 34070-15
90 mm x 35 mm	tk 34070-20
90 mm x 40 mm	tk 34070-25
100 mm x 35 mm	tk 34070-30
100 mm x 40 mm	tk 34070-35



AUWARD

220 mm – 8 $\frac{3}{4}$ "
80 mm x 38 mm
tk 34060-00



SIMS

60 mm x 25 mm / 30 mm	tk 34075-01
70 mm x 30 mm / 35 mm	tk 34075-02
80 mm x 35 mm / 40 mm	tk 34075-03

Scheidenspekula
Vaginal specula

Spéculums vaginaux
Espéculos vaginales
Specoli vaginali



KALLMORGEN

70 mm x 40 mm	tk 34072-01
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90 mm x 40 mm	tk 34072-02
---------------	--------------------

Spekulum
Speculum

Spéculum
Espéculo
Specolo



70 mm x 33 mm	tk 34073-01
---------------	--------------------

90 mm x 33 mm	tk 34073-02
---------------	--------------------

Halter
Retractor

Valve
Valva
Valve



tk 34074-01

tk 34074-02

Satz
Set

Jeu
Juego
Serie

Scheidenspekula
Vaginal specula

Spéculums vaginaux
Espéculos vaginales
Specoli vaginali



LANDAU

	290 mm – 11½"
100 mm x 28 mm	tk 34128-01
110 mm x 38 mm	tk 34128-02



BREISKY

	300 mm – 12"
130 mm x 20 mm	tk 34130-20
130 mm x 25 mm	tk 34130-25
130 mm x 30 mm	tk 34130-30
130 mm x 35 mm	tk 34130-35
130 mm x 40 mm	tk 34130-40



Wiener Modell
Vienna pattern
Modèle Vienne
Modelo Vienna
Modello Vienna

	300 mm – 12"
100 mm x 20 mm	tk 34142-20
100 mm x 25 mm	tk 34142-25
100 mm x 30 mm	tk 34142-30
100 mm x 35 mm	tk 34142-35
100 mm x 40 mm	tk 34142-40



	350 mm – 13¾"
160 mm x 40 mm	tk 34140-40
180 mm x 40 mm	tk 34140-41

Scheidenspekula
Vaginal specula

Spéculums vaginaux
Espéculos vaginales
Specoli vaginali



Fig. 1	Fig. 2	Fig. 3	Fig. 4	Fig. 5
80 mm x 30 mm	85 mm x 35 mm	90 mm x 40 mm	55 mm x 40 mm / 60 mm	70 mm x 45 mm / 70 mm
tk 34090-01	tk 34090-02	tk 34090-03	tk 34090-04	tk 34090-05

SCHERBACK

tk 34090-00

Satz mit 400 g Gewicht (tk 34090-10)
Set with weight 400 grs. (tk 34090-10)

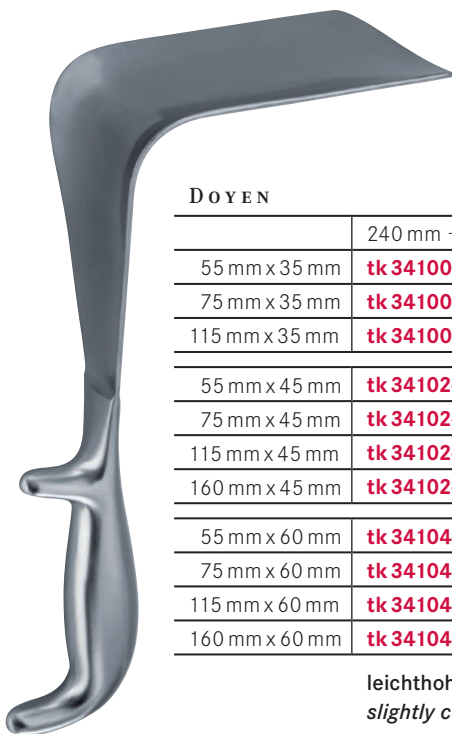
Jeu avec poids 400 gr. (tk 34090-10)
Juego con peso 400 gr. (tk 34090-10)
Serie con peso di 400 gr. (tk 34090-10)



400 g	tk 34090-10
800 g	tk 34090-12



tk 34090-14



DOYEN

	240 mm – 9½"	240 mm – 9½"
55 mm x 35 mm	tk 34100-01	tk 34110-01
75 mm x 35 mm	tk 34100-02	tk 34110-02
115 mm x 35 mm	tk 34100-03	tk 34110-03
55 mm x 45 mm	tk 34102-01	tk 34112-01
75 mm x 45 mm	tk 34102-02	tk 34112-02
115 mm x 45 mm	tk 34102-03	tk 34112-03
160 mm x 45 mm	tk 34102-04	
55 mm x 60 mm	tk 34104-01	tk 34114-01
75 mm x 60 mm	tk 34104-02	tk 34114-02
115 mm x 60 mm	tk 34104-03	tk 34114-03
160 mm x 60 mm	tk 34104-04	

leichthohl
slightly concave

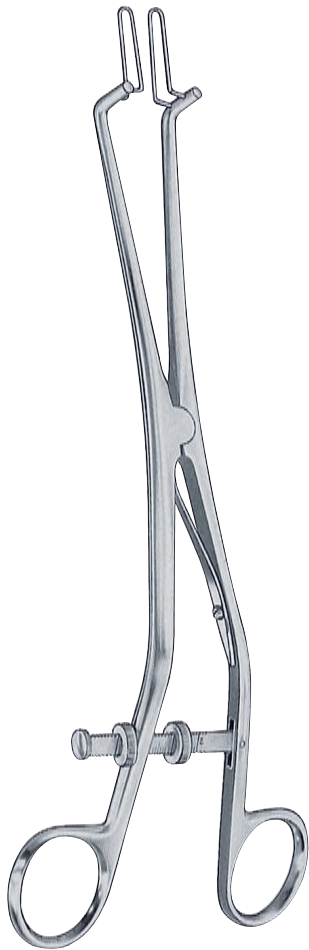
légèrement concave
ligeramente concava
legermente concavo

halbhohl
medium concave

semi concave
semi concava
semi concavo

Endospekula
Endospecula

Endospéculums
Endospéculos
Endospecoli



KOGAN

240 mm – 9½" **tk 34153-24**

mit Skalensperre und Stellschraube
with scale-ratchet and fixation screw

avec crémaillère à échelle et vis à fixation
con cremallera graduada y tornillo fijación
con cremagliera graduata e vite di fissaggio



1:2

KOGAN

240 mm – 9½"

tk 34154-24



1:2

KOGAN-MODIF.

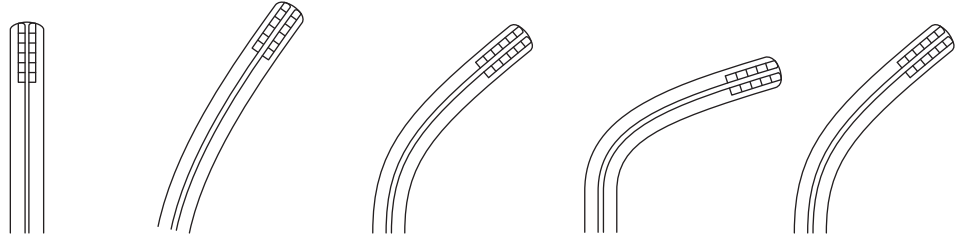
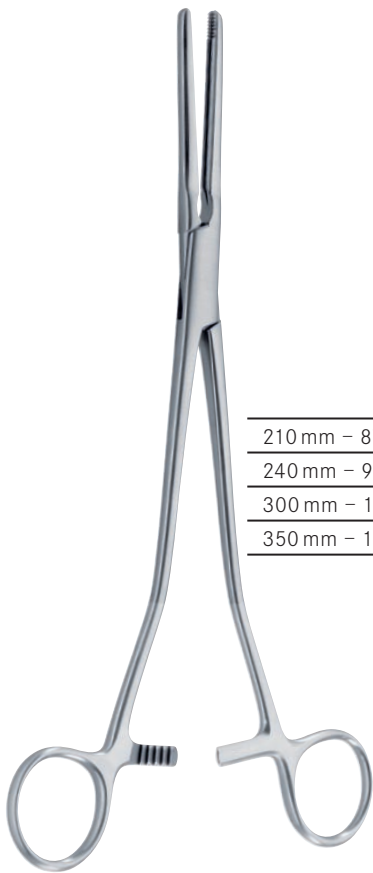
280 mm – 11"

x = 4 mm y = 8 mm **tk 34150-01**

x = 2 mm y = 4 mm **tk 34150-02**

Parametriumklemmen
Parametrium forceps

Pincas parametrium
Pinzas parametrium
Pinze parametrium



210 mm – 8 1/4"	tk 34155-21	tk 34156-21	tk 34157-21	tk 34158-21	tk 34159-21
240 mm – 9 1/2"	tk 34155-24	tk 34156-24	tk 34157-24	tk 34158-24	tk 34159-24
300 mm – 12"	tk 34155-30	tk 34156-30	tk 34157-30	tk 34158-30	tk 34159-30
350 mm – 13 3/4"	tk 34155-35	tk 34156-35	tk 34157-35	tk 34158-35	tk 34159-35

S-förmig gebogen
S-curved
coube en S
curva en S
curva a forma di S

Hysterektomieklemmen
Hysterectomy forceps

Pinces à hystérectomie
Pinzas-clamps para hysterectomia
Pinze per isterectomia

ATRAUMTK



ROGERS

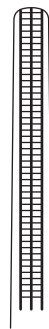


Fig. 1

220 mm – 8³/₄ "

tk 34147-01

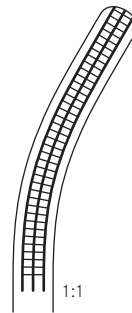


Fig. 2

215 mm – 8¹/₂ "

tk 34147-02

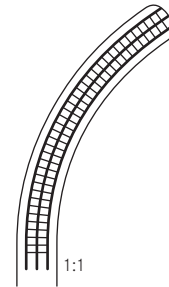


Fig. 3

210 mm – 8¹/₄ "

tk 34147-03

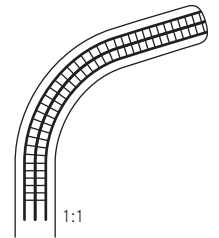


Fig. 4

205 mm – 8 "

tk 34147-04

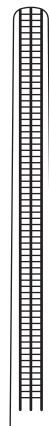


Fig. 1

250 mm – 9³/₄ "

tk 34148-01

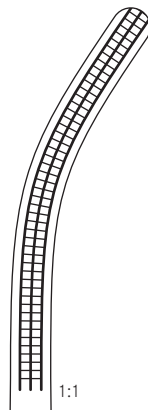


Fig. 2

250 mm – 9³/₄ "

tk 34148-02

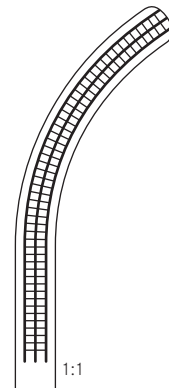


Fig. 3

245 mm – 9³/₄ "

tk 34148-03

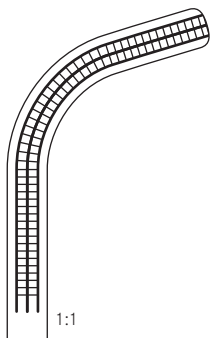


Fig. 4

230 mm – 9 "

tk 34148-04

Uterus-Sonden
Uterine sounds

Hystéromètres du col de l'utérus
Histerómetros uterinos
Isterometri uterini



1:2

VALLEIX

250 mm – 9³/₄" tk 34197-25

graduiert, mit Schieber
graduated, with slider

graduado, avec curseur
graduado, con cursor
graduato, con cursore



MARTIN

320 mm – 12¹/₂" tk 34198-32 tk 34199-32

fest	biegsam
rigid	malleable
rigide	malléable
rigido	maleable
rigido	malleabile



SIMS

320 mm – 12¹/₂" tk 34200-32 tk 34201-32

fest	biegsam
rigid	malleable
rigide	malléable
rigido	maleable
rigido	malleabile

Uterus-Dilatatoren
Uterine dilators

Dilatateurs du col de l'utérus
Dilatadores uterinos
Dilatatori uterini



HEGAR

1.0 mm Ø	tk 34250-10	10.0 mm Ø	tk 34251-00	20.0 mm Ø	tk 34252-00
1.5 mm Ø	tk 34250-15	10.5 mm Ø	tk 34251-05	21.0 mm Ø	tk 34252-10
2.0 mm Ø	tk 34250-20	11.0 mm Ø	tk 34251-10	22.0 mm Ø	tk 34252-20
2.5 mm Ø	tk 34250-25	11.5 mm Ø	tk 34251-15	23.0 mm Ø	tk 34252-30
3.0 mm Ø	tk 34250-30	12.0 mm Ø	tk 34251-20	24.0 mm Ø	tk 34252-40
3.5 mm Ø	tk 34250-35	12.5 mm Ø	tk 34251-25	25.0 mm Ø	tk 34252-50
4.0 mm Ø	tk 34250-40	13.0 mm Ø	tk 34251-30	26.0 mm Ø	tk 34252-60
4.5 mm Ø	tk 34250-45	13.5 mm Ø	tk 34251-35	27.0 mm Ø	tk 34252-70
5.0 mm Ø	tk 34250-50	14.0 mm Ø	tk 34251-40	28.0 mm Ø	tk 34252-80
5.5 mm Ø	tk 34250-55	14.5 mm Ø	tk 34251-45	29.0 mm Ø	tk 34252-90
6.0 mm Ø	tk 34250-60	15.0 mm Ø	tk 34251-50	30.0 mm Ø	tk 34253-00
6.5 mm Ø	tk 34250-65	15.5 mm Ø	tk 34251-55		
7.0 mm Ø	tk 34250-70	16.0 mm Ø	tk 34251-60		
7.5 mm Ø	tk 34250-75	16.5 mm Ø	tk 34251-65		
8.0 mm Ø	tk 34250-80	17.0 mm Ø	tk 34251-70		
8.5 mm Ø	tk 34250-85	17.5 mm Ø	tk 34251-75		
9.0 mm Ø	tk 34250-90	18.0 mm Ø	tk 34251-80		
9.5 mm Ø	tk 34250-95	18.5 mm Ø	tk 34251-85		
		19.0 mm Ø	tk 34251-90		
		19.5 mm Ø	tk 34251-95		

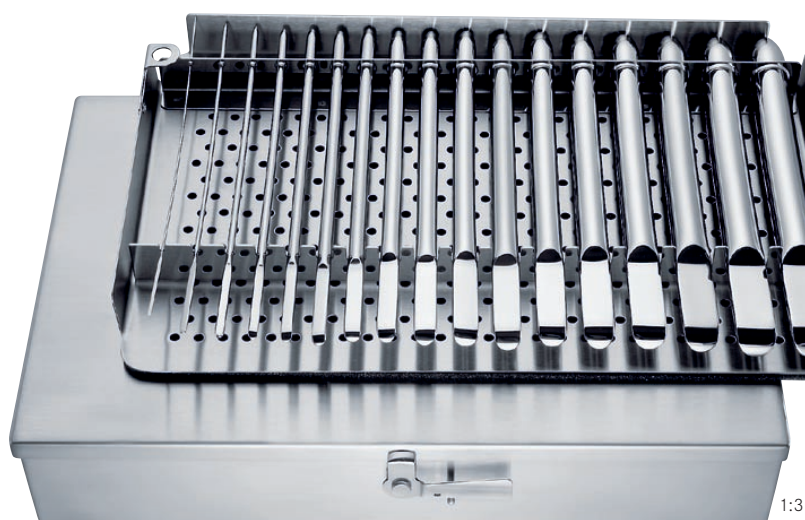
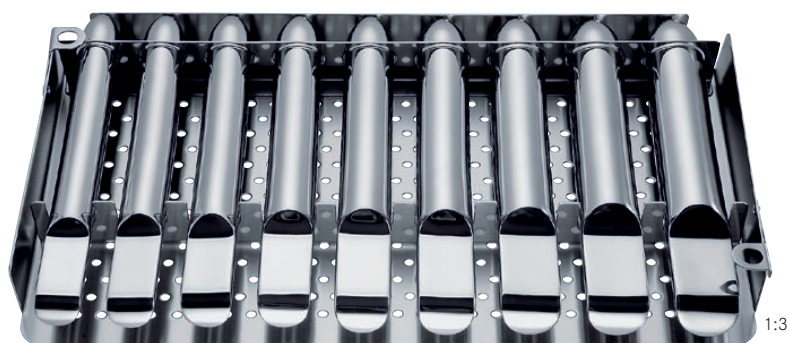
HEGAR

4 mm - 17 mm Ø	14	tk 34260-14
1 mm - 26 mm Ø	26	tk 34260-26

Stück per Satz	Satz, ohne Metalletui
<i>Pieces per set</i>	<i>Set, without metal case</i>
Pièces per jeu	Jeu, sans boîte en métal
<i>Piezas para juego</i>	<i>Juego, sin caja de metal</i>
Pezzi per serie	Serie, senza astuccio metallico

Uterus-Dilatatoren
Uterine dilators

Dilatateurs du col de l'utérus
Dilatadores uterinos
Dilatatori uterini



HEGAR

4 mm - 17 mm Ø	14	tk 34261-14
1 mm - 26 mm Ø	26	tk 34261-26

Stück per Satz	Satz, in Metalletui
<i>Pieces per set</i>	<i>Set, in metal case</i>
Pièces per jeu	Jeu, en boîte de métal
<i>Piezas para juego</i>	<i>Juego, en caja de metal</i>
Pezzi per serie	Serie, con astuccio metallico

Uterus-Dilatatoren
Uterine dilators

Dilatateurs du col de l'utérus
Dilatadores uterinos
Dilatatori uterini



HEGAR

1 / 2 mm Ø	tk 34262-02
3 / 4 mm Ø	tk 34262-04
5 / 6 mm Ø	tk 34262-06
7 / 8 mm Ø	tk 34262-08
9 / 10 mm Ø	tk 34262-10
11 / 12 mm Ø	tk 34262-12
13 / 14 mm Ø	tk 34262-14
15 / 16 mm Ø	tk 34262-16
17 / 18 mm Ø	tk 34262-18
19 / 20 mm Ø	tk 34262-20
21 / 22 mm Ø	tk 34262-22
23 / 24 mm Ø	tk 34262-24
25 / 26 mm Ø	tk 34262-26

HEGAR

3 / 4 mm – 17 / 18 mm Ø	14	tk 34265-05
1 / 2 mm – 25 / 26 mm Ø	26	tk 34265-06

Stück per Satz Satz, allein
Pieces per set *Set, only*
Pièces per jeu Jeu, seul
Piezas para juego *Juego, solo*
Pezzi per serie Serie, solo



1:3



1:3

HEGAR

3 / 4 mm – 17 / 18 mm Ø	8	tk 34265-00	tk 34265-08
1 / 2 mm – 25 / 26 mm Ø	13		tk 34265-13

Stück per Satz Satz in Stoffrolltasche
Pieces per set *Set in canvas roll*
Pièces per jeu Jeu en poche de textile
Piezas para juego *Juego en bolsa de tela*
Pezzi per serie Serie in astuccio di tela

Satz, in Metalletui
Set, in metal case
Jeu, en boîte de métal
Juego, en caja de metal
Serie, in astuccio metallico

Uterus-Dilatatoren und -Depressoren
Uterine dilators and depressors

Dilatateurs du col de l'utérus et dépresseurs utérins
Dilatadores uterinos y depresores uterinos
Dilatatori uterini e depressori uterini



HANK

Fig. 19/10	4.5 / 5.0 mm Ø	tk 34280-10
Fig. 11/12	5.5 / 6.0 mm Ø	tk 34280-12
Fig. 13/14	6.5 / 7.0 mm Ø	tk 34280-14
Fig. 15/16	7.5 / 8.0 mm Ø	tk 34280-16
Fig. 17/18	8.5 / 9.0 mm Ø	tk 34280-18
Fig. 19/20	9.5 / 10.0 mm Ø	tk 34280-20

HANK

4.5 / 5 mm – 9.5 / 10 mm Ø	6	tk 34281-80
Stück per Satz	Satz, allein	
Pieces per set	Set, only	
Pièces per jeu	Jeu, seul	
Piezas para juego	Juego, solo	
Pezzi per serie	Serie, solo	



1:3

HANK

4.5 / 5 mm – 9.5 / 10 mm Ø	6	tk 34281-82
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Stück per Satz	Satz, in Stoffrolltasche
Pieces per set	Set, in canvas roll
Pièces per jeu	Jeu, en poche de textile
Piezas para juego	Juego, en bolsa de tela
Pezzi per serie	Serie, in astuccio di tela



BRAUN

280 mm – 11 "

tk 34295-26

1:3

Hakenzangen
Tenaculum forceps

Pinces pour l'abaissement du col de l'utérus
Pinzas para coger el cuello del útero
Pinze per abbassare il collo dell'utero



**STAUDE-
MOORE**

170 mm – 6¾"

tk 34302-17



BARRETT

180 mm – 7"

tk 34305-18



SKENE

240 mm – 9½"

tk 34301-24



BRAUN

250 mm – 9¾"

tk 34303-25

Hakenzangen
Tenaculum forceps

Pinces pour l'abaissement du col de l'utérus
Pinzas para coger el cuello del útero
 Pinze per abbassare il collo dell'utero



POZZI

255 mm – 10"

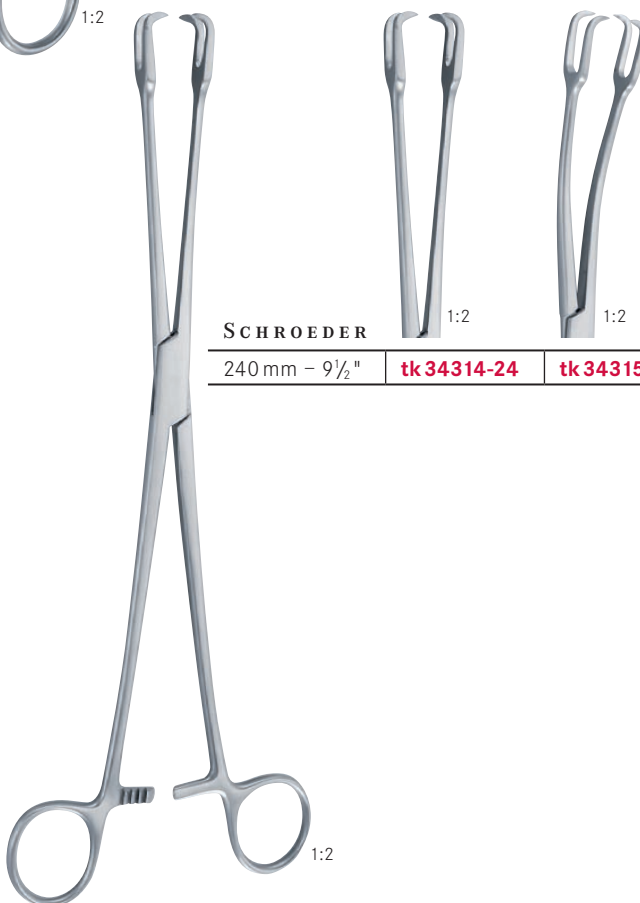
tk 34311-26



SCHROEDER

250 mm – 9¾"

tk 34310-25



SCHROEDER

240 mm – 9½"

1:2

tk 34314-24

1:2

tk 34315-24

Hakenzangen
Tenaculum forceps

Pinces pour l'abaissement du col de l'utérus
Pinzas para coger el cuello del útero
Pinze per abbassare il collo dell'utero



D U P L A Y

280 mm – 11 "

tk 34320-28



I O W A

260 mm – 10 ¼ "

tk 34329-26



B E A C H A M

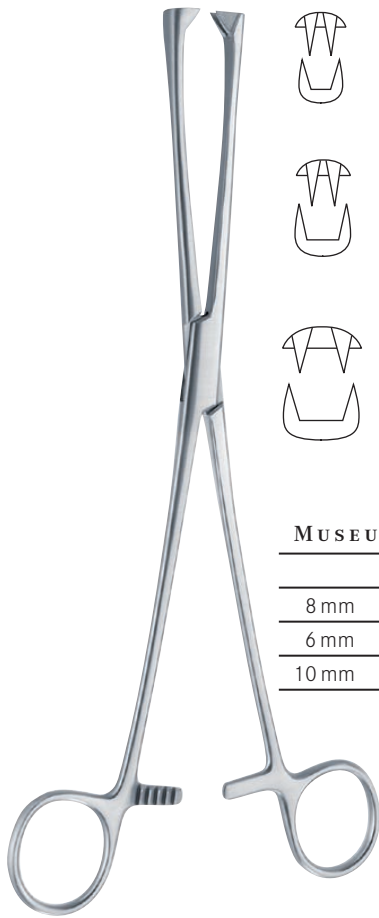
260 mm – 10 ¼ "

tk 34322-26

Amniotom
Amniotome
Amniotomo
Amniotomo
Amniotomo

Hakenzangen
Tenaculum forceps

Pinces pour l'abaissement du col de l'utérus
Pinzas para coger el cuello del útero
Pinze per abbassare il collo dell'utero



MUSEUX

	240 mm – 9½"	240 mm – 9½"
8 mm	tk 34352-24	tk 34357-24
6 mm	tk 34353-24	tk 34358-24
10 mm	tk 34351-24	tk 34356-24



TEALE

230 mm – 9"
tk 34328-23



JACOBS

	210 mm – 8¼"	tk 34360-21	tk 34361-21

1:2

1:2

Hakenzangen
Tenaculum forceps

Pinces pour abaissement du col de l'utérus
Pinzas para coger el cuello del útero
Pinze per abbassare il collo dell'utero



PRATT

260 mm – 10¼" tk 34364-26

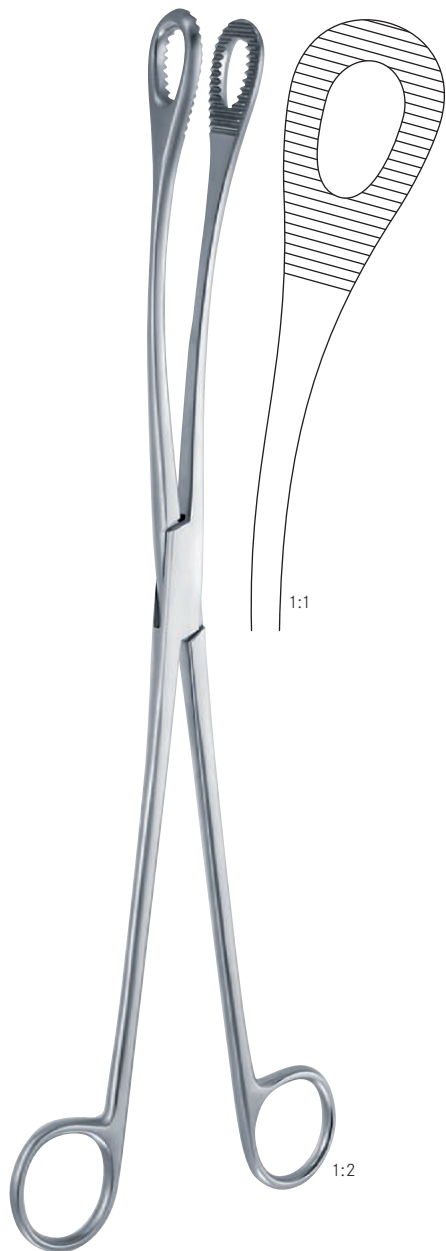


CZERNY

205 mm – 8" tk 34366-21

Uterus-Polypenzangen
Uterine polypus forceps

Pinces à polypes utérins
Pinzas para pólipos uterinos
 Pinze per polipi uterini



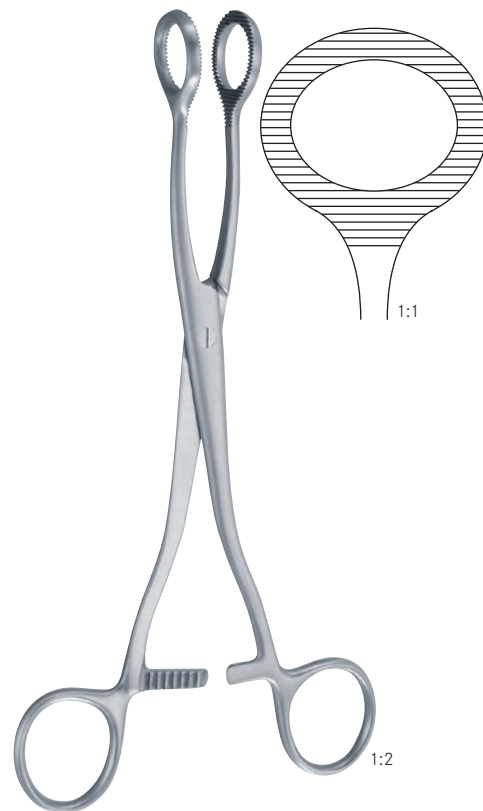
KELLY

320 mm – 12½" tk 34380-32



NOTO

270 mm – 10¾" tk 34375-27

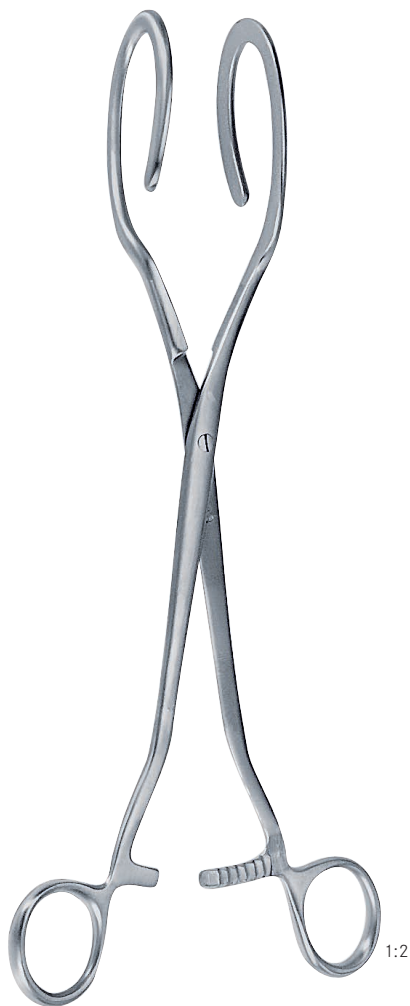


DOYEN

200 mm – 8" tk 34370-20

Uterusfazzangen
Uterine seizing forceps

Pinces hystérolabes
Histerólabos
Pinze isterolabi



DARTIGUES

270 mm – 10¾" | **tk 34394-27**



SOMER

230 mm – 9" | **tk 34393-23**

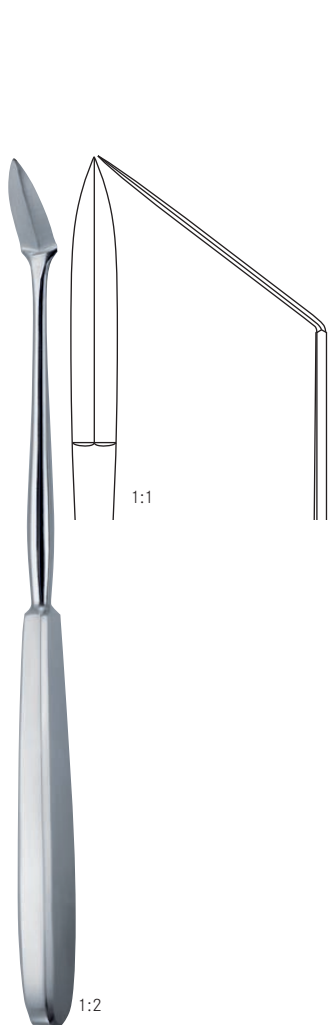


COLLIN

250 mm – 9¾" | **tk 34395-25**

Myom-Instrumente
Myoma instruments

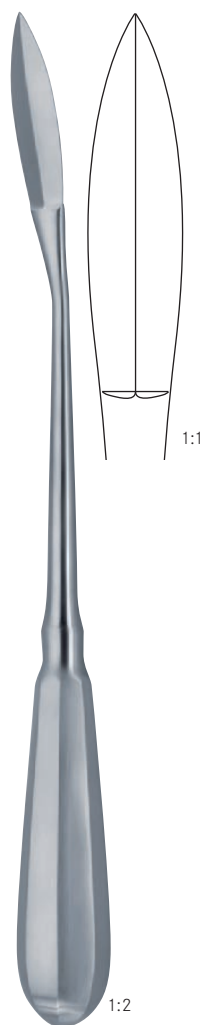
Instruments pour myomes
Instrumentos para fibroma
Strumenti per miomi



AYRE

230 mm – 9"

tk 34396-23



SEGOND

270 mm – 10¾"

tk 34397-27



DOYEN

170 mm – 6¾"

tk 34399-02

Fistelhaken
Fistula hooks

Crochets pour fistules
Ganchos para fístulas
Uncini per fistole



SIMON	1:2	1:2
	Fig. 1	Fig. 2
220 mm – 8¾"	tk 34398-01	tk 34398-02



EMMET	1:1	1:1
	Fig. 1	Fig. 2
220 mm – 8¾"	tk 16958-01	tk 16958-02
	1:1	1:1
	Fig. 3	Fig. 4
220 mm – 8¾"	tk 16958-03	tk 16958-04
	1:1	
	Fig. 5	
220 mm – 8¾"	tk 16958-05	

Probeexzisionszangen
Cervical biopsy and specimen forceps

Pinces emporte-pièces à biopsie
Pinzas saca-bocados para biopsia
Pinze taglianti per biopsia



SCHUBERT

210 mm - 8½"	tk 34400-21
280 mm - 11"	tk 34400-29



FAURE

210 mm - 8½"	tk 34410-24
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SCHUBERT

260 mm - 10¼"	tk 34440-26
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Probeexzisionszangen
Cervical biopsy and specimen forceps

Pinces emporte-pièces à biopsie
Pinzas saca-bocados para biopsia
Pinze taglianti per biopsia



GELLHORN

230 mm – 9"	tk 34402-23
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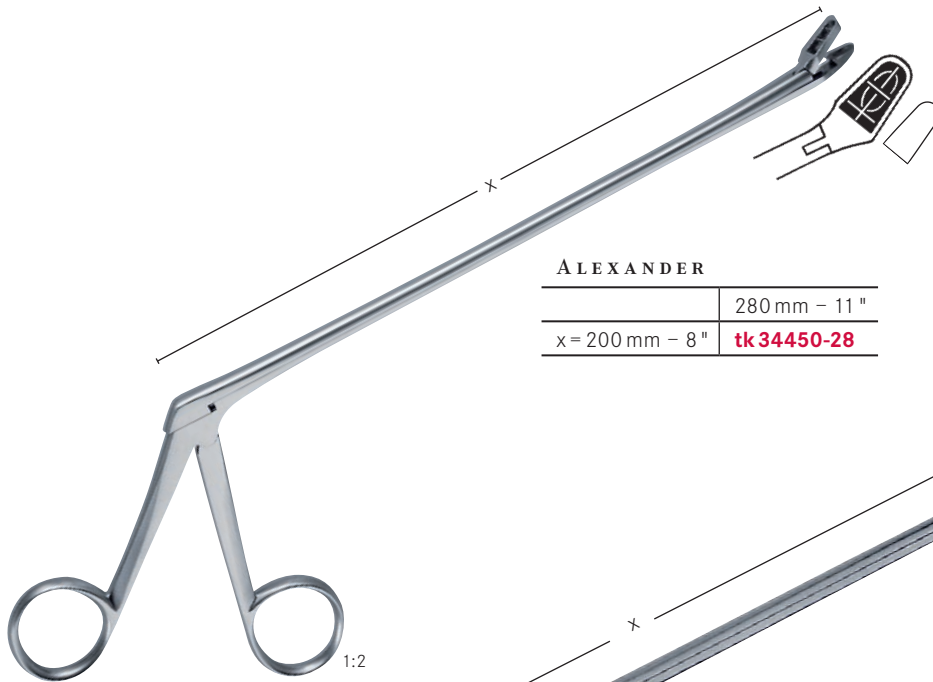


THOMS-GAYLOR

220 mm – 8 ³ / ₄ "	tk 34420-22
240 mm – 9 ¹ / ₂ "	tk 34420-24

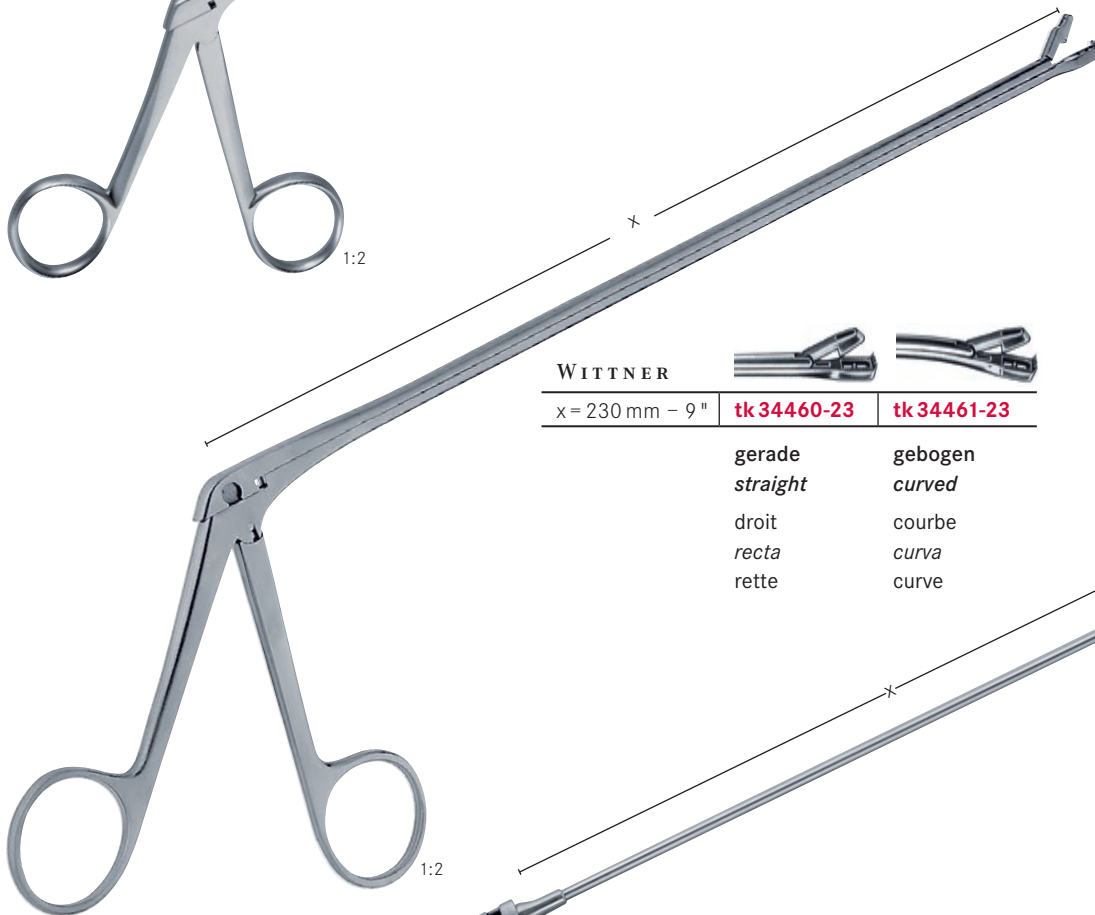
Probeexzisionszangen
Cervical biopsy and specimen forceps

Pinces emporte-pièces à biopsie
Pinzas saca-bocados para biopsia
Pinze taglianti per biopsia



ALEXANDER

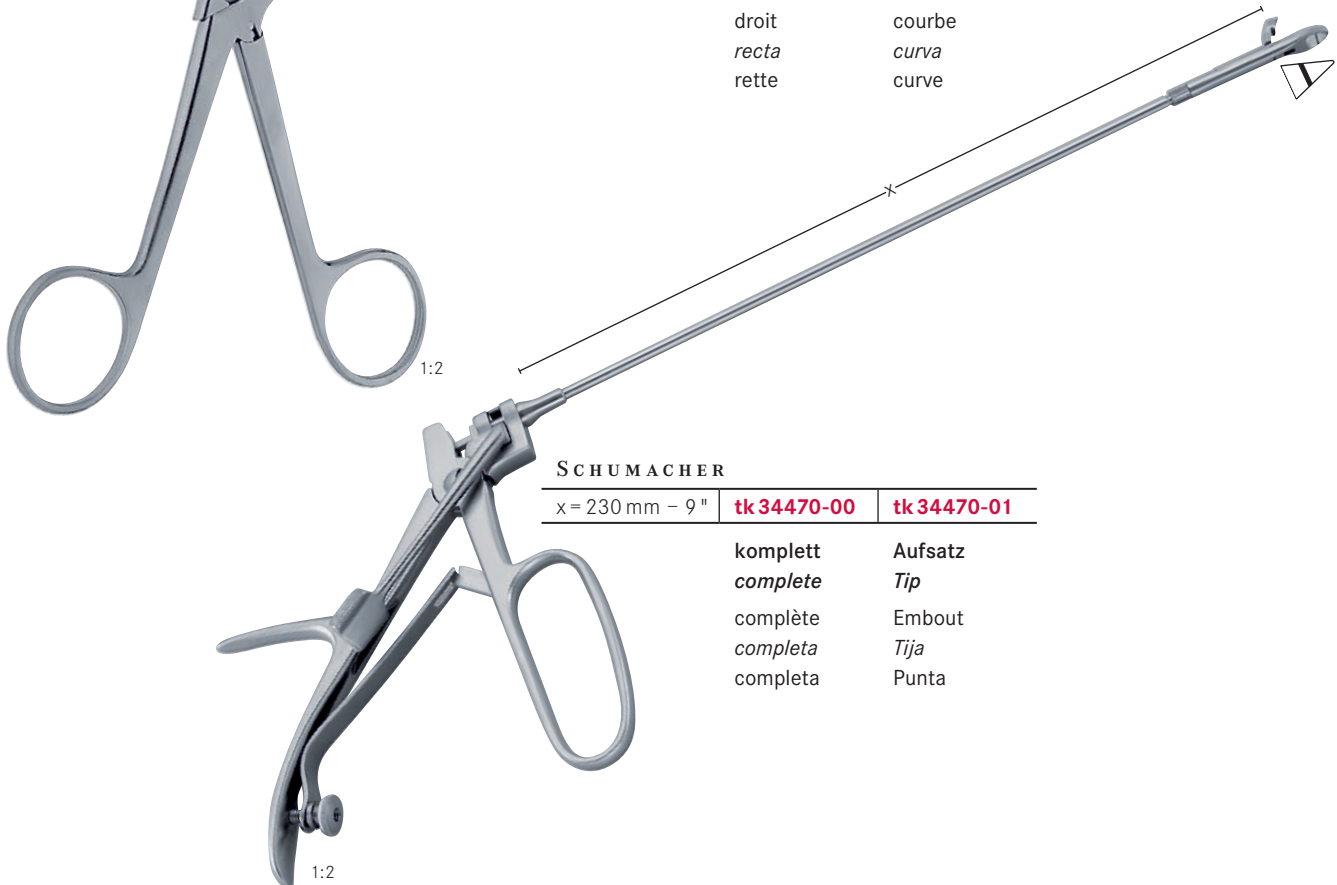
	280 mm – 11"
x = 200 mm – 8"	tk 34450-28



WITTNER

x = 230 mm – 9"	tk 34460-23	tk 34461-23
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gerade <i>straight</i>	gebogen <i>curved</i>
droit <i>recta</i>	courbe <i>curva</i>
rette	curve



SCHUMACHER

x = 230 mm – 9"	tk 34470-00	tk 34470-01
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komplett <i>complete</i>	Aufsatz <i>Tip</i>
complète <i>completa</i>	Embout <i>Tija</i>
completa	Punta

Probeexzisionszangen
Cervical biopsy and specimen forceps

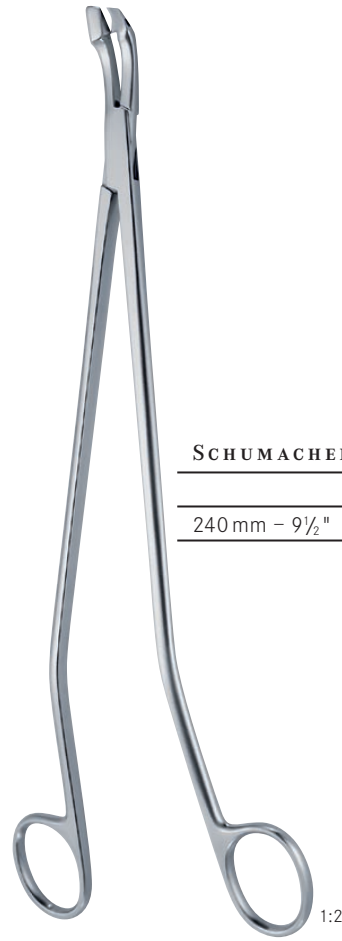
Pinces emporte-pièces à biopsie
Pinzas saca-bocados para biopsia
Pinze taglianti per biopsia



VAN DOREN

240 mm – 9½"

tk 34470-25



SCHUMACHER



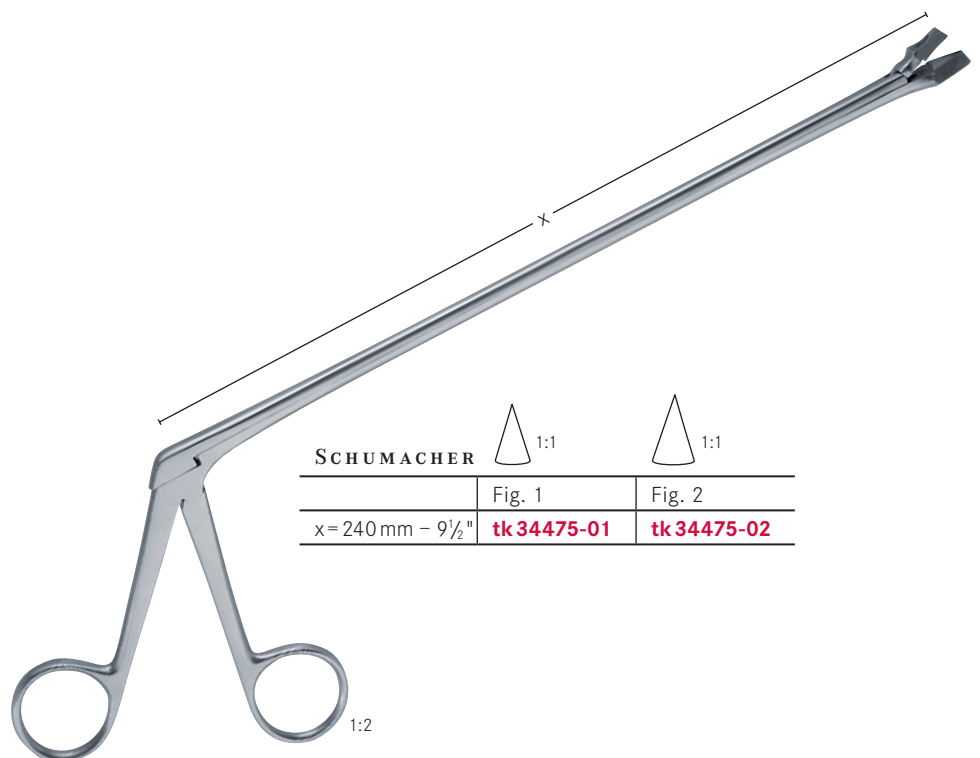
Fig. 1

Fig. 2

240 mm – 9½"

tk 34473-01

tk 34473-02



SCHUMACHER



Fig. 1

Fig. 2

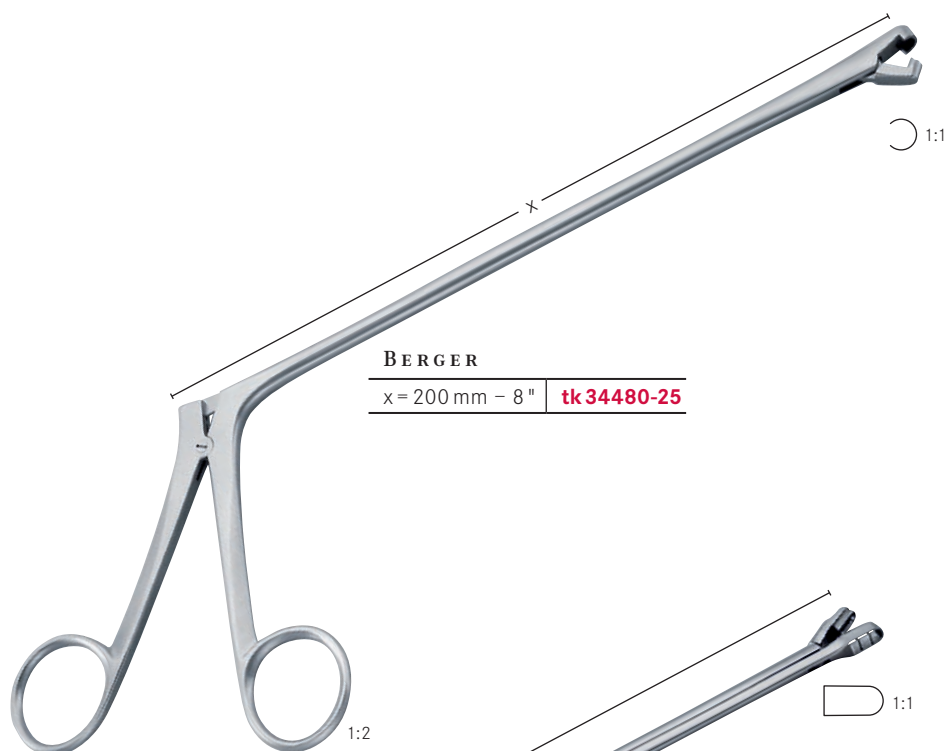
x = 240 mm – 9½"

tk 34475-01

tk 34475-02

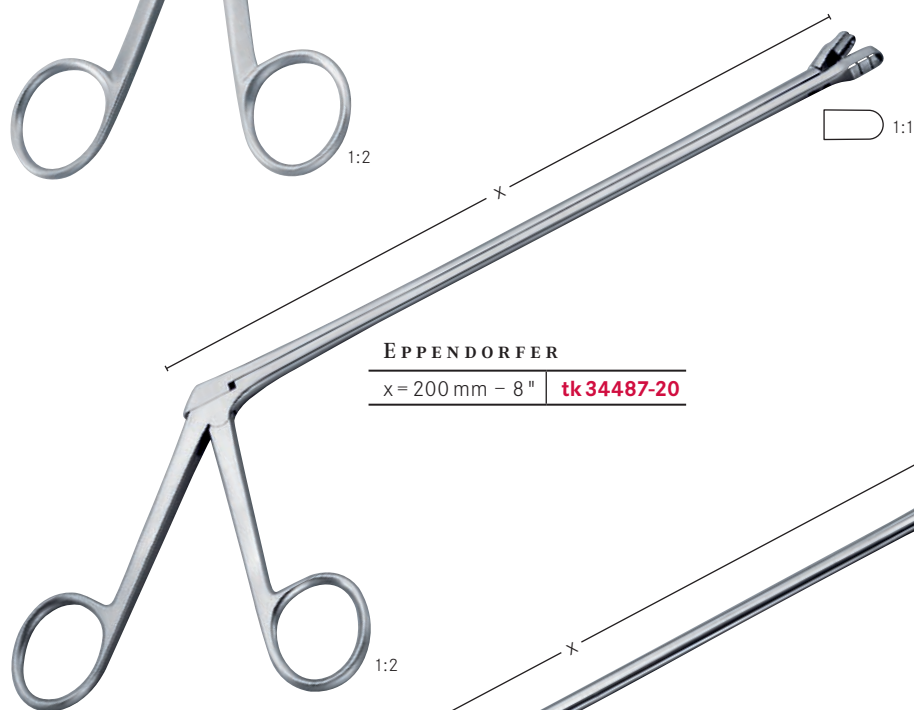
Probeexzisionszangen
Cervical biopsy and specimen forceps

Pinces emporte-pièces à biopsie
Pinzas saca-bocados para biopsia
Pinze taglianti per biopsia



BERGER

x = 200 mm – 8" tk 34480-25



EPPENDORFER

x = 200 mm – 8" tk 34487-20

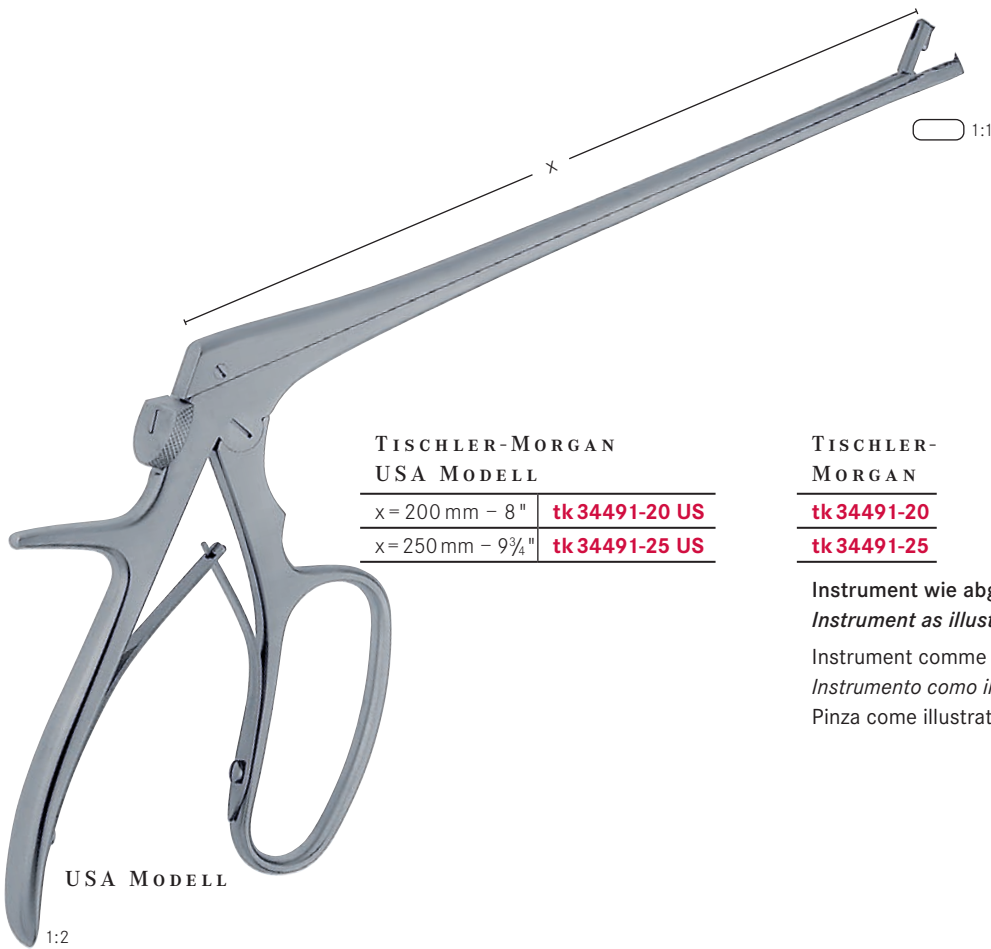


KEVORKIAN

x = 245 mm – 9¾" tk 34489-24

Probeexzisionszangen
Cervical biopsy and specimen forceps

Pinces emporte-pièces à biopsie
Pinzas saca-bocados para biopsia
Pinze taglianti per biopsia



**TISCHLER-MORGAN
USA MODELL**

x = 200 mm – 8"	tk 34491-20 US
x = 250 mm – 9¾"	tk 34491-25 US

TISCHLER-MORGAN

tk 34491-20
tk 34491-25

Instrument wie abgebildet, jedoch ohne Feststellschraube.
Instrument as illustrated, but without locking screw.

Instrument comme illustré, mais sans vis de fixation.
Instrumento como ilustrado, pero sin tornillo de fijación.
Pinza come illustrata però senza vite di fissaggio.

Probeexzisionszangen
Cervical biopsy and specimen forceps

Pinces emporte-pièces à biopsie
Pinzas saca-bocados para biopsía
Pinze taglianti per biopsia



MINI-TISCHLER
USA MODELL

x = 200 mm – 8"	tk 34492-20 US
x = 250 mm – 9¾"	tk 34492-25 US

MINI-
TISCHLER

tk 34492-20
tk 34492-25

Instrument wie abgebildet, jedoch ohne Feststellschraube.
Instrument as illustrated, but without locking screw.

Instrument comme illustré, mais sans vis de fixation.
Instrumento como ilustrado, pero sin tornillo de fijación.
Pinza come illustrata però senza vite di fissaggio.

1:2

Probeexzisionszangen
Cervical biopsy and specimen forceps

Pinces emporte-pièces à biopsie
Pinzas saca-bocados para biopsia
Pinze taglianti per biopsia



UNI-TISCHLER

3 x 7 mm **tk 34492-01**

gerade, Aufsatz allein
straight, Tip only
droit, mors seul
recta, boca sola
retta, punta sola



tk 34490-00

Uni-Griff allein
Handle only
Poignee seule
Mango solo
Manico solo



UNI-TISCHLER

3 x 7 mm **tk 34492-02**

aufwärts, Aufsatz allein
up, Tip only
haut, mors seul
arriba, boca sola
in alto, punta sola



UNI-TISCHLER

3 x 7 mm **tk 34492-03**

abwärts, Aufsatz allein
down, Tip only
bas, mors seul
abajo, boca sola
in basso, punta sola



UNI-TOWNSEND

2.3 x 4 mm **tk 34492-04**

gerade, Aufsatz allein
straight, Tip only
droit, mors seul
recta, boca sola
retta, punta sola



UNI-TOWNSEND

2.3 x 4 mm **tk 34492-05**

aufwärts, Aufsatz allein
up, Tip only
haut, mors seul
arriba, boca sola
in alto, punta sola



tk 34491-00

Uni-Griff allein mit Ring
Handle only
Poignee seule
Mango solo
Manico solo



UNI-TOWNSEND

2.3 x 4 mm **tk 34492-06**

abwärts, Aufsatz allein
down, Tip only
bas, mors seul
abajo, boca sola
in basso, punta sola



UNI-KEVORKIAN

3 x 9 mm **tk 34492-07**

Aufsatz allein
Tip only
Mors seul
Boca sola
Punta sola



UNI-OVAL

3 x 5 mm **tk 34492-08**

Aufsatz allein
Tip only
Mors seul
Boca sola
Punta sola



UNI-BURKE

3 x 5 mm **tk 34492-09**

Aufsatz allein
Tip only
Mors seul
Boca sola
Punta sola

Biopsieküretten
Biopsy curettes

Curettes pour biopsie
Curetas para biopsía
Curette per biopsia



RANDALL

	4 mm Ø
240 mm – 9½"	tk 34800-24



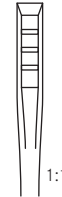
KEVORKIAN

300 mm – 12"



tk 34810-30

fest, ohne Korb
rigid, without basket
rigide, sans panier
rigida, sin cesta
rigida, senza cestino



tk 34813-30

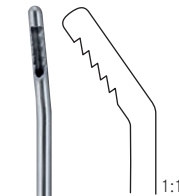
fest, mit Korb
rigid, with basket
rigide, avec panier
rigida, con cesta
rigida, con cestino

tk 34811-30

biegsam, ohne Korb
malleable, without basket
malléable, sans panier
maleable, sin cesta
flessibile, senza cestino

tk 34812-30

biegsam, mit Korb
malleable, with basket
malléable, avec panier
maleable, con cesta
flessibile, con cestino



NOVAK

	4 mm Ø
230 mm – 9"	tk 34805-23

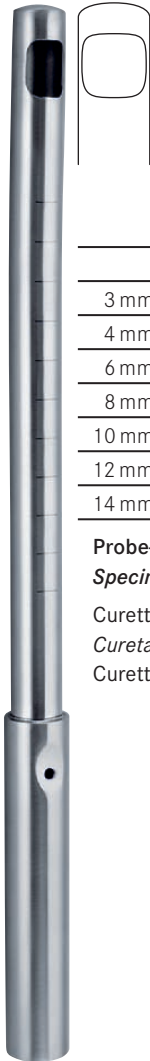
MINI-NOVAK

	235 mm – 9¼"
1 mm Ø	tk 34807-23
2 mm Ø	tk 34808-23
3 mm Ø	tk 34809-23



Absaugküretten
Aspirating curettes

Curettes d'aspiration
Curetas de aspiración
Curette per aspirazione



	200 mm – 11½"
3 mm Ø	tk 35530-03
4 mm Ø	tk 35530-04
6 mm Ø	tk 35530-06
8 mm Ø	tk 35530-08
10 mm Ø	tk 35530-10
12 mm Ø	tk 35530-12
14 mm Ø	tk 35530-14

Probe- und Absaugkürette

Specimen and aspirating curette

Curette à biopsies et d'aspiration

Cureta de biopsia y de aspiración

Curette per biopsia ed per aspirazione



120 mm – 4¾"	tk 35530-50
--------------	--------------------

Kupplungsstück

Coupling piece

Pièce d'accouplement

Pieza de conexión

Pezzo di connessione

1:2

Salpingograph
Salpingograph

Salpingographe
Salpingógrafo
Salpingografo

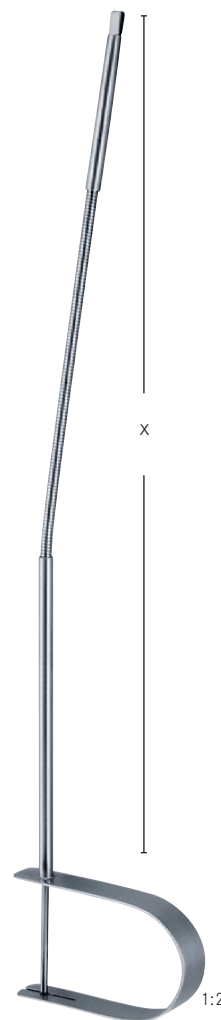


SCHULTZE

295 mm – 11½" tk 34880-00

Salpingograph, komplett im Holzetui
Salpingograph, complete in wooden case
Salpingographe, complet en etui de bois
Salpingógrafo, completa en caja de madera
Salpingografo, completo in astuccio di legno

1:2



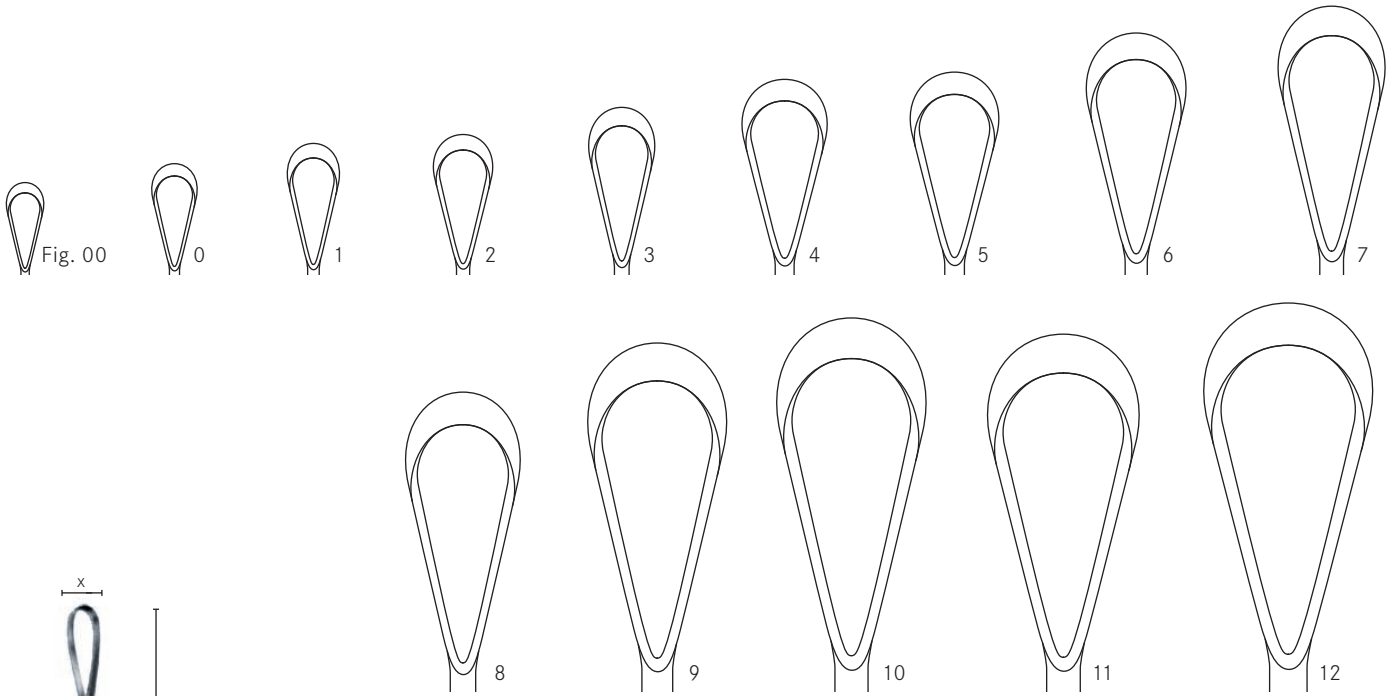
4 mm Ø

x = 230 mm – 9" tk 34872-00

Zange zum Entfernen von Spiralen
Forceps for I.U.D. removings
Pince pour enlever des stérilets
Pinza para remover la espiral de esterilidad
Pinza per distaccare la spirale

Uterusküretten
Uterine curettes

Curettes utérines
Curetas uterinas
Curette uterine



scharf, biegsam
sharp, malleable

tranchante, malléable
cortante, maleable
tagliente, flessibile

stumpf, biegsam
blunt, malleable

mousse, malléable
roma, maleable
smussa, flessibile

scharf, fest
sharp, rigid

tranchante, rigide
cortante, rigida
tagliente, rigida

stumpf, fest
blunt, rigid

mousse, rigide
roma, rigida
smussa, rigida

RECAMIER

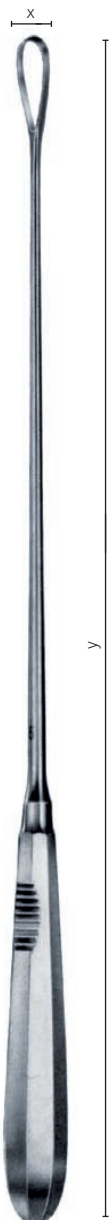
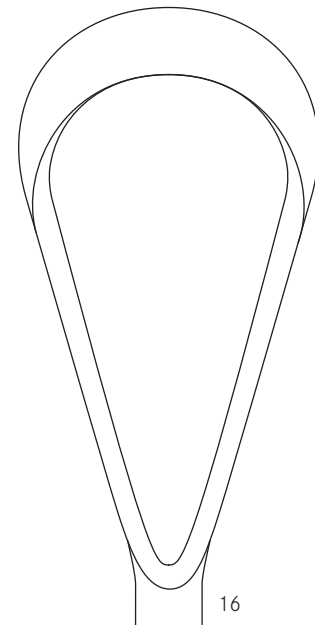
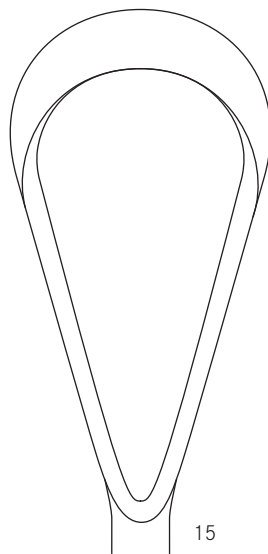
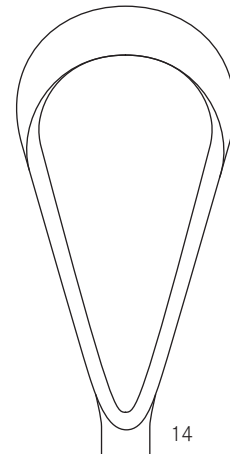
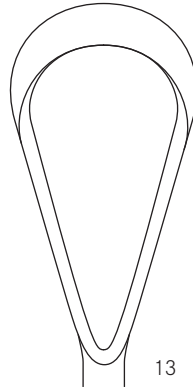
y=260 mm - 10 1/4"	Fig.	x=mm				
	00	5	tk 35000-20	tk 35001-20	tk 35002-20	tk 35003-20
	0	6	tk 35000-00	tk 35001-00	tk 35002-00	tk 35003-00
	1	7	tk 35000-01	tk 35001-01	tk 35002-01	tk 35003-01
	2	8	tk 35000-02	tk 35001-02	tk 35002-02	tk 35003-02
	3	9	tk 35000-03	tk 35001-03	tk 35002-03	tk 35003-03
	4	11	tk 35000-04	tk 35001-04	tk 35002-04	tk 35003-04
	5	12	tk 35000-05	tk 35001-05	tk 35002-05	tk 35003-05
	6	14	tk 35000-06	tk 35001-06	tk 35002-06	tk 35003-06
	7	15	tk 35000-07	tk 35001-07	tk 35002-07	tk 35003-07
	8	16	tk 35000-08	tk 35001-08	tk 35002-08	tk 35003-08
	9	19	tk 35000-09	tk 35001-09	tk 35002-09	tk 35003-09
	10	20	tk 35000-10	tk 35001-10	tk 35002-10	tk 35003-10
	11	21	tk 35000-11	tk 35001-11	tk 35002-11	tk 35003-11
	12	23	tk 35000-12	tk 35001-12	tk 35002-12	tk 35003-12

y=310 mm - 12 1/4"	Fig.	mm				
	00	5	tk 35004-20	tk 35005-20	tk 35006-20	tk 35007-20
	0	6	tk 35004-00	tk 35005-00	tk 35006-00	tk 35007-00
	1	7	tk 35004-01	tk 35005-01	tk 35006-01	tk 35007-01
	2	8	tk 35004-02	tk 35005-02	tk 35006-02	tk 35007-02
	3	9	tk 35004-03	tk 35005-03	tk 35006-03	tk 35007-03
	4	11	tk 35004-04	tk 35005-04	tk 35006-04	tk 35007-04
	5	12	tk 35004-05	tk 35005-05	tk 35006-05	tk 35007-05
	6	14	tk 35004-06	tk 35005-06	tk 35006-06	tk 35007-06
	7	15	tk 35004-07	tk 35005-07	tk 35006-07	tk 35007-07
	8	16	tk 35004-08	tk 35005-08	tk 35006-08	tk 35007-08
	9	19	tk 35004-09	tk 35005-09	tk 35006-09	tk 35007-09
	10	20	tk 35004-10	tk 35005-10	tk 35006-10	tk 35007-10
	11	21	tk 35004-11	tk 35005-11	tk 35006-11	tk 35007-11
	12	23	tk 35004-12	tk 35005-12	tk 35006-12	tk 35007-12



Uterusküretten
Uterine curettes

Curettes utérines
Curetas uterinas
Curette uterine



scharf, biegsam
sharp, malleable

tranchante, malléable
cortante, maleable
tagliente, flessibile

stumpf, biegsam
blunt, malleable

mousse, malléable
roma, maleable
smussa, flessibile

scharf, fest
sharp, rigid

tranchante, rigide
cortante, rigida
tagliente, rigida

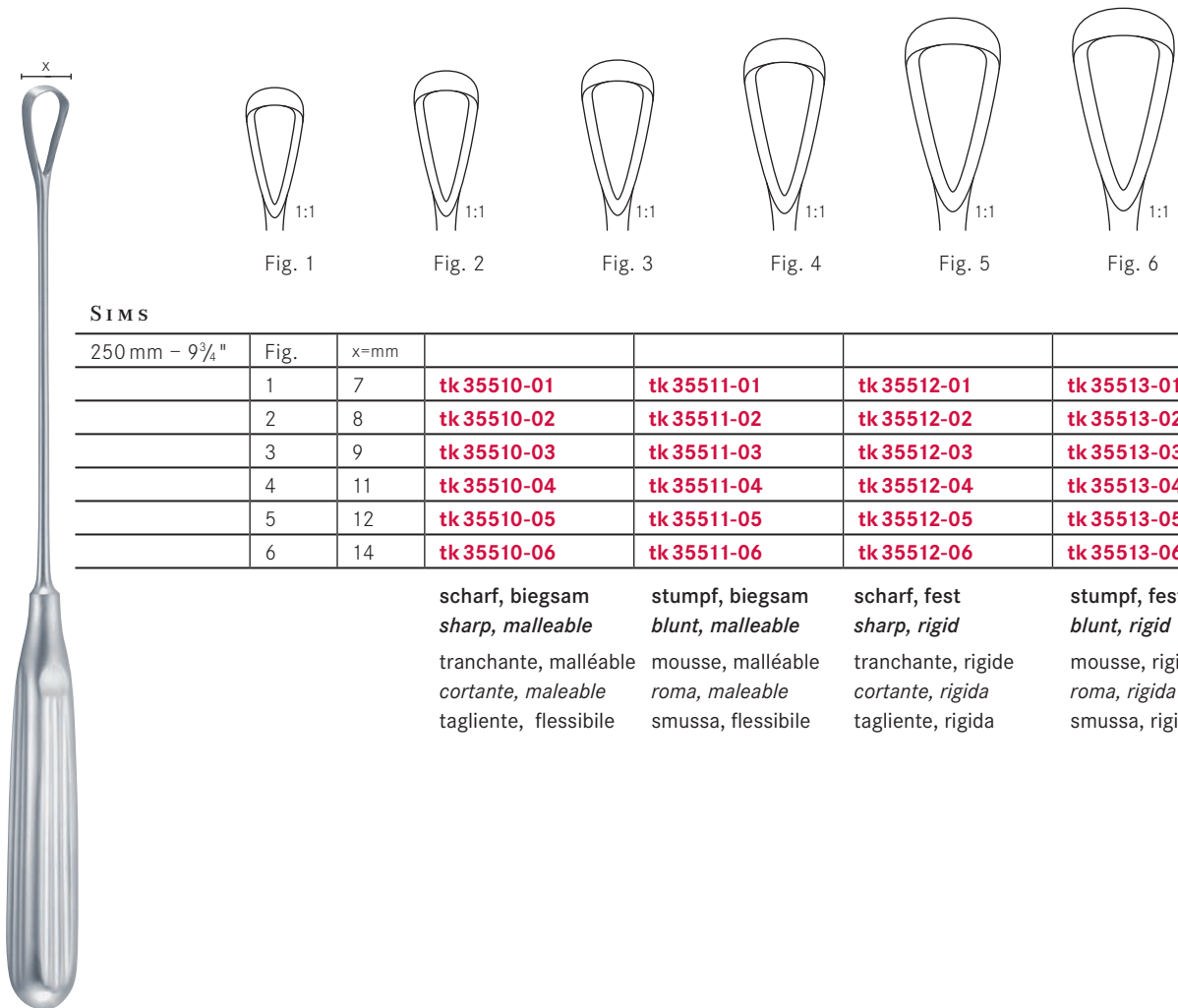
stumpf, fest
blunt, rigid

mousse, rigid
roma, rigida
smussa, rigida

RECAMIER

y=340mm-13½"	Fig.	x=mm				
	13	25	tk 35004-13	tk 35005-13	tk 35006-13	tk 35007-13
	14	30	tk 35004-14	tk 35005-14	tk 35006-14	tk 35007-14
	15	35	tk 35004-15	tk 35005-15	tk 35006-15	tk 35007-15
	16	40	tk 35004-16	tk 35005-16	tk 35006-16	tk 35007-16

Uterusküretten | Currettes utérines
Uterine curettes | Curetas uterinas
Curette uterine



SIMS

250 mm – 9 ³ / ₄ "	Fig.	x=mm				
	1	7	tk 35510-01	tk 35511-01	tk 35512-01	tk 35513-01
	2	8	tk 35510-02	tk 35511-02	tk 35512-02	tk 35513-02
	3	9	tk 35510-03	tk 35511-03	tk 35512-03	tk 35513-03
	4	11	tk 35510-04	tk 35511-04	tk 35512-04	tk 35513-04
	5	12	tk 35510-05	tk 35511-05	tk 35512-05	tk 35513-05
	6	14	tk 35510-06	tk 35511-06	tk 35512-06	tk 35513-06

scharf, biegsam
sharp, malleable

tranchante, malléable
cortante, maleable
tagliente, flessibile

stumpf, biegsam
blunt, malleable

mousse, malléable
roma, maleable
smussa, flessibile

scharf, fest
sharp, rigid

tranchante, rigide
cortante, rigida
tagliente, rigida







stumpf, fest
blunt, rigid

mousse, rigid
roma, rigida
smussa, rigida







Scharfe Löffel
Uterine spoons

Curettes tranchantes
Cucharillas cortantes
Cucchiai taglianti



SIMON	 1:1	 1:1	 1:1
	Fig. 1	Fig. 2	Fig. 3
250 mm – 9 3/4"	tk 24445-01	tk 24445-02	tk 24445-03
scharf, fest sharp, rigid tranchante, rigide cortante, rigida taglianti, rigido	 1:1	 1:1	 1:1
	Fig. 4	Fig. 5	Fig. 6
	tk 24445-04	tk 24445-05	tk 24445-06



SCHRÖDER	 1:1	 1:1	 1:1
	Fig. 1	Fig. 2	Fig. 3
300 mm – 12"	tk 24448-01	tk 24448-02	tk 24448-03
	 1:1	 1:1	 1:1
	Fig. 4	Fig. 5	Fig. 6
	tk 24448-04	tk 24448-05	tk 24448-06

Geburtszangen
Obstetrical forceps

Forceps obstétriques
Forceps obstétricos
Forcipi



SIMPSON

1:3

300 mm – 12" **tk 35600-30**



SIMPSON-
BRAUN

330 mm – 13" **tk 35601-33**

360 mm – 14¼" **tk 35601-36**



NAEGELE

360 mm – 14¼" **tk 35605-36**

400 mm – 16" **tk 35605-40**



PIPER

1:3

440 mm – 17¼" **tk 35607-44**

Geburtszangen
Obstetrical forceps

Forceps obstétriques
Forceps obstétricos
Forcipi



SIMPSON-
LUIKART

1:3

360 mm – 14¼" tk35612-36



WRIGLEY

1:3

250 mm – 9¾" tk35613-23

für Kaiserschnitt
for caesarian section
pour césarienne
para operación cesárea
per taglio cesareo



DELEE

1:3

300 mm – 12" tk35615-30



DELEE

360 mm – 14¼" tk35618-36

390 mm – 15½" tk35618-39

Geburtszangen
Obstetrical forceps

Forceps obstétriques
Forceps obstétricos
Forcipi



ELLIOT

320 mm – 12½" **tk 35620-32**
380 mm – 15" **tk 35620-38**



MCLEAN

360 mm – 14¼" **tk 35622-36**



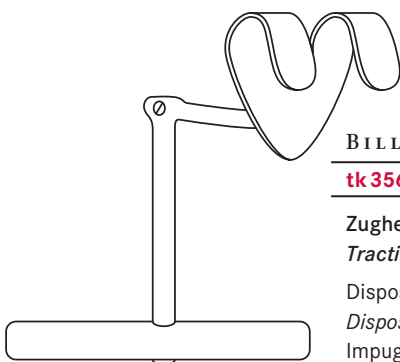
KIELLAND

410 mm – 16¼" **tk 35635-41**



**KIELLAND-
LUIKART**

400 mm – 16" **tk 35637-40**



BILL

tk 35640-00

Zughebel, passend für alle Geburtszangen mit gehorntem Standard-Griff
Traction handle for all the forceps with horned standard handle

Dispositif de traction pour tous les forceps avec manche normal à cornes
Dispositivo de tracción para todos los forceps con mango standard cornudo
Impugnatura di trazione adatto a tutti i forcipi con manico standard con corne

Geburtshilfe | Obstétrique
Obstetrics | *Obstetricia*
 Ostetricia



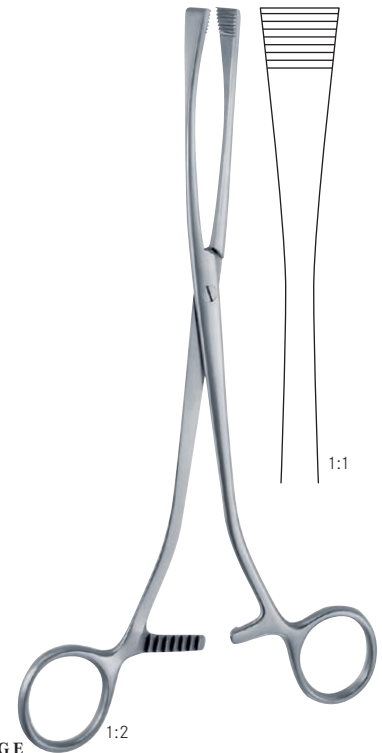
SELLHEIM 1:2
 280 mm – 11" **tk35664-28**

Geburtslöffel
Obstetric lever
 Cuillère obstétricale
 Cuchara obstétrica
 Cucchaio obstetrico



BRAUN 1:2
 325 mm – 12¾" **tk 35745-30**

Dekapitationshaken
Decapitating hook
 Crochet de décapitation
 Grancho de descapitación
 Uncino di decapitazione



GREEN-ARMYTAGE 1:2
 210 mm – 8¼" **tk 35665-21**

Uterusklemmzange
Uterine elevating forceps
 Pince uterine
 Pinza para el útero
 Pinza uterina

Geburtshilfe | Obstétrique
Obstetrics | *Obstetricia*
Ostetricia



SMELLIE

250 mm – 10" **tk 35741-25**

Perforatorium
Perforator
Perforateur
Perforador
Perforatore



BRAUN

420 mm – 16½" **tk 35750-42**

Kranioklast, ein Maul gefenstert
Cranioclast, one jaw fenestrated
Cranioclase, une partie fenestrée
Craneolasto, una boca fenestrada
Cranioclase, un lato fenestrato



TARNIER

460 mm – 17¼" **tk 35748-46**

Basiotrib
Basiotribe
Basiotribe
Basiotribo
Basiotribo

Abortuszangen – Abortusküretten
Abortion forceps – Ovum curettes

Pinces à faux germes – Curette d'avortement
Pinzas para aborto – Curetas para aborto
 Pinze per placenta ed aborto – Curette per placenta ed aborto



WINTER

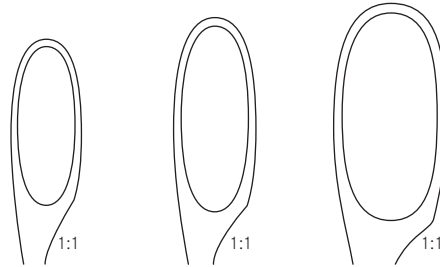
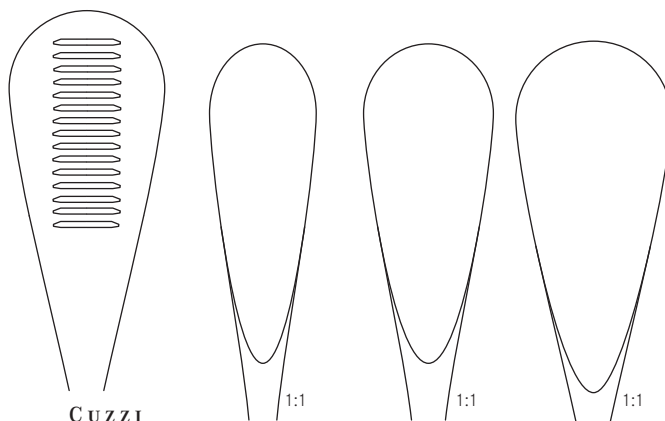


	Fig. 1	Fig. 2	Fig. 3
280 mm – 11 "	tk 35701-28	tk 35702-28	tk 35703-28

gerade
straight
 droit
recta
 retta

tk 35711-28	tk 35712-28	tk 35713-28
--------------------	--------------------	--------------------

gebogen
curved
 courbe
curva
 curve



C U Z Z I

	14.5 mm	18.0 mm	21.0 mm
300 mm – 12 "	tk 35730-01	tk 35730-02	tk 35730-03

stumpf, Rückseite gerieft
blunt, back serrated
 mousse, dos strié
romo, dorso estriado
 smusso, dorso zigrinato

Abortuszangen – Abortusküretten
Abortion forceps – Ovum curettes

Pinces à faux germes – Curette d'avortement
Pinzas para aborto – Curetas para aborto

Pinze per placenta ed aborto – Curette per placenta ed aborto

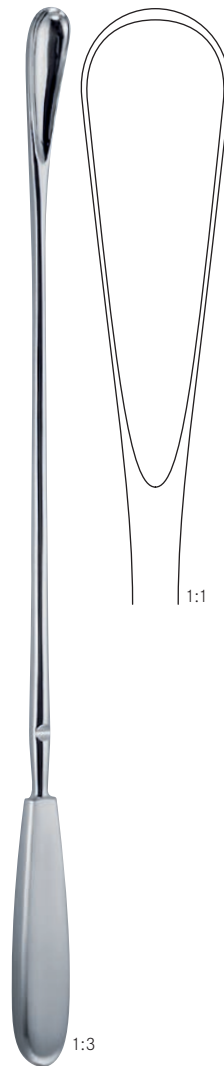
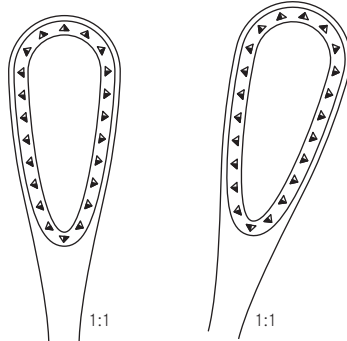


SAENGER

270 mm – 10 $\frac{3}{4}$ "

tk 35720-27

tk 35721-27



WALLICH

420 mm – 16 $\frac{1}{2}$ "

tk 35735-02

stumpf
blunt

mousse
roma
smussa



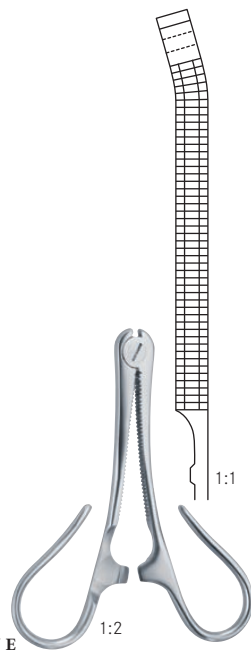
PESTALOZZA

300 mm – 12"

tk 35732-30

Nabelschnurklemmen
Umbilical cord clamps

Clamps pour le cordon ombilical
Clamps umbilicales
Pinze ombelicali



KANE 1:2
85 mm - 3¼" **tk 35760-08**



COLLIN 1:2
90 mm - 3½" **tk 35761-09**

Beckenzirkel
Pelvimeters

Pelvimètres
Pelvimetros
Pelvimetri



MARTIN

340 mm – 13½" **tk 35800-34**

cm / Zoll-Scala
cm / inch-scale

échelle en cm / pouces
escala cm / pulgadas
scala cm / pollici



COLLIN

350 mm – 13¾" **tk 35805-35**

cm-Scala
cm-scale

échelle en cm
escala en cm
scala in cm



HNO	ORL
ENT	ORL
	ORL

Ohrspekula | Spéculums auriculaires
Ear specula | *Espéculos auriculares*
Specoli auricolari



1:1

TOYNBEE	○ 1:1	○ 1:1	○ 1:1	○ 1:1
	Fig. 1	Fig. 2	Fig. 3	Fig. 4
	4.5 mm Ø	5.5 mm Ø	6.5 mm Ø	7.5 mm Ø
36 mm – 1½"	tk 50010-11	tk 50010-12	tk 50010-13	tk 50010-14
tk 50010-03		x	x	x
tk 50010-04	x	x	x	x

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







1:1

RICHNAU HOLMGREN	○ 1:1	○ 1:1	○ 1:1	○ 1:1
	Fig. 0	Fig. 1	Fig. 2	Fig. 3
	3 mm Ø	4 mm Ø	5 mm Ø	6 mm Ø
	tk 50030-00	tk 50030-01	tk 50030-02	tk 50030-03





Ohrspekula | Spéculums auriculaires
 Ear specula | Espéculos auriculares
 Specoli auricolari



GRUBER	 1:1	 1:1	 1:1	 1:1
	Fig. 1	Fig. 2	Fig. 3	Fig. 4
	a = 4.5 mm	a = 5.5 mm	a = 6.5 mm	a = 7.5 mm
	tk 50012-11	tk 50012-12	tk 50012-13	tk 50012-14
tk 50012-03		x	x	x







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



GRUBER	 1:1	 1:1	 1:1	 1:1
	Fig. 1	Fig. 2	Fig. 3	Fig. 4
	4.5 mm Ø	5.5 mm Ø	6.5 mm Ø	7.5 mm Ø
	tk 50013-11	tk 50013-12	tk 50013-13	tk 50013-14
tk 50013-03	x	x	x	x





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



ZÖLLNER	 1:1	 1:1	 1:1	 1:1	 1:1	 1:1
	Fig. 1	Fig. 2	Fig. 3	Fig. 4	Fig. 5	Fig. 6
	5.5 x 6.5 mm	6.5 x 7.5 mm	7.5 x 8.5 mm	8.5 x 9.5 mm	9.5 x 10.5 mm	10.5 x 11.5 mm
	tk 50015-01	tk 50015-02	tk 50015-03	tk 50015-04	tk 50015-05	tk 50015-06
tk 50015-00	x	x	x	x	x	x

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



POLITZER	 1:1	 1:1	 1:1	 1:1
	Fig. 1	Fig. 2	Fig. 3	Fig. 4
	2 mm Ø	3 mm Ø	4 mm Ø	5 mm Ø
	tk 50018-11	tk 50018-12	tk 50018-13	tk 50018-14
tk 50018-03	x	x	x	
tk 50018-04	x	x	x	x

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

Ohrspekula | Spéculums auriculaires
 Ear specula | Espéculos auriculares
 Specoli auricolari



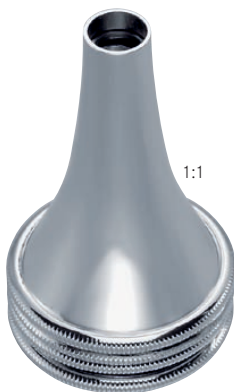
BOUCHERON	○ 1:1	○ 1:1	○ 1:1	○ 1:1
	Fig. 1	Fig. 2	Fig. 3	Fig. 4
	4.5 mm Ø	5.5 mm Ø	6.5 mm Ø	7.5 mm Ø
	tk 50019-11	tk 50019-12	tk 50019-13	tk 50019-14
tk 50019-04	x	x	x	x

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



BOUCHERON	○ 1:1	○ 1:1	○ 1:1
	Fig. 0	Fig. 1	Fig. 2
	3.0 mm Ø	4.5 mm Ø	5.5 mm Ø
	tk 50020-10	tk 50020-11	tk 50020-12
tk 50020-03	x	x	x

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



HARTMANN	○ 1:1	○ 1:1	○ 1:1	○ 1:1
	Fig. 1	Fig. 2	Fig. 3	Fig. 4
	4.5 mm Ø	5.5 mm Ø	6.5 mm Ø	7.5 mm Ø
	tk 50022-11	tk 50022-12	tk 50022-13	tk 50022-14
tk 50022-03		x	x	x
tk 50022-04	x	x	x	

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



HARTMANN	○ 1:1	○ 1:1	○ 1:1	○ 1:1	○ 1:1
	Fig. 1	Fig. 2	Fig. 3	Fig. 4	Fig. 5
	2.0 mm Ø	3.5 mm Ø	5.0 mm Ø	6.5 mm Ø	7.5 mm Ø
	tk 50023-11	tk 50023-12	tk 50023-13	tk 50023-14	tk 50023-15
tk 50023-04		x	x	x	x

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

Stimmgabeln
Tuning forks

Diapasons
Diapasones
Diapasoni



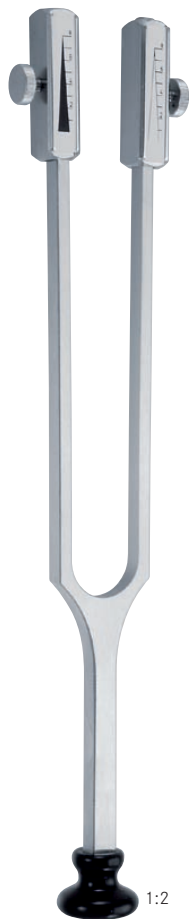
1:2

LUCAE

c 128

tk 50035-10

verschiebbar bis h
variable up to h (engl. b)
variable jusqu'à h (franc. si)
variable hasta h (esp. si)
regolabile fino a h



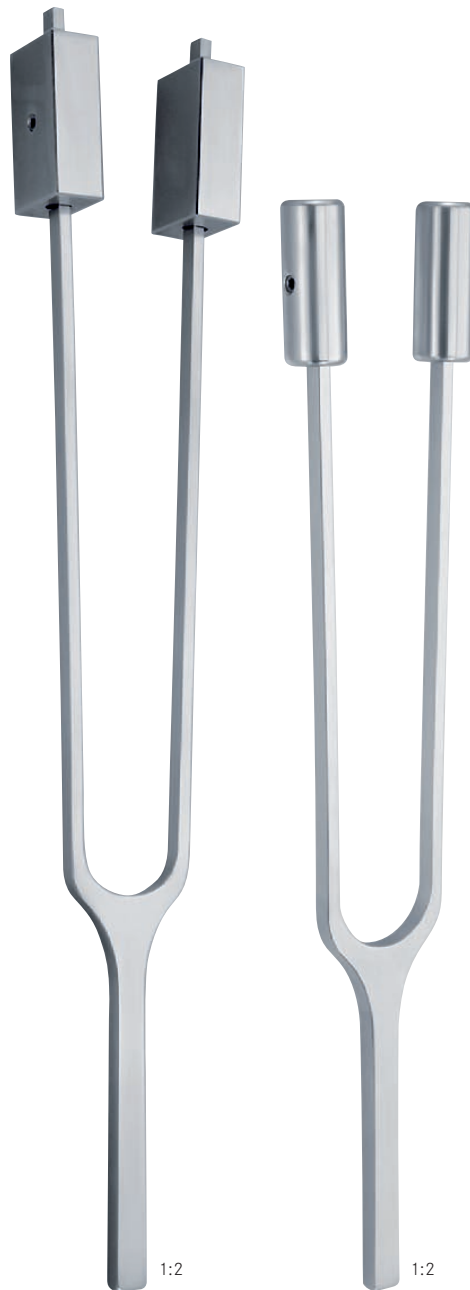
1:2

RYDEL-SEIFFER

C 64 / c 128

tk 50036-11

mit Dämpfer C 64, ohne Dämpfer c 128
with clamps C 64, without clamps c 128
avec curseurs C 64, sans curseurs c 128
con sordinas C 64, sin sordinas c 128
con cursori C 64, senza cursori c 128



1:2

1:2

FRENCH

C₂16

C₁32

tk 50040-07

tk 50042-08

Stimmgabeln
Tuning forks

Diapasons
Diapasones
Diapasoni



HARTMANN

C 64	c 128	c ¹ 256
tk 50044-09	tk 50045-10	tk 50047-11

a ¹ 440
tk 50078-09

Lärmtrommel
Noise drum

Assourdisseur
Aparato de ruido
Assordatore



BARANY
tk 50300-00

Stimmgabeln | Diapasons
 Tuning forks | Diapasones
 Diapasoni



HARTMANN

c 128	c ¹ 256	c ² 512	c ³ 1024	c ⁴ 2048	C ⁵ 4096
tk 50050-10	tk 50052-11	tk 50053-10	tk 50054-12	tk 50056-13	tk 50058-14



HARTMANN

tk 50050-00

Satz im Etui (tk 50045-10, tk 50047-11, tk 50053-10, tk 50054-12, tk 50056-13)

Set in case (tk 50045-10, tk 50047-11, tk 50053-10, tk 50054-12, tk 50056-13)

Jeu en boîte (tk 50045-10, tk 50047-11, tk 50053-10, tk 50054-12, tk 50056-13)

Juego en estuche (tk 50045-10, tk 50047-11, tk 50053-10, tk 50054-12, tk 50056-13)

Serie in astuccio (tk 50045-10, tk 50047-11, tk 50053-10, tk 50054-12, tk 50056-13)

Stimmgabeln
Tuning forks

Diapasons
Diapasones
Diapasoni

ALUK



tk 50250-00

Satz im Etui (tk 50250-01 – tk 50250-05)

Set in case (tk 50250-01 – tk 50250-05)









Jeu en boîte (tk 50250-01 – tk 50250-05)

Juego en estuche (tk 50250-01 – tk 50250-05)









Serie in astuccio (tk 50250-01 – tk 50250-05)

Ohrküretten | Cures auriculaires
 Ear cures | Cures auriculaires
 Curette auricolari



BUCK	 1:1	 1:1	 1:1	 1:1	 1:1	 1:1	 1:1	 1:1
	Fig. 000	Fig. 00	Fig. 0	Fig. 1	Fig. 2	Fig. 3	Fig. 4	Fig. 5
165 mm – 6 1/2"	tk 50610-01	tk 50610-02	tk 50610-10	tk 50610-11	tk 50610-12	tk 50610-13	tk 50610-14	tk 50610-15

stumpf
 blunt
 mousse
 roma
 smussa

	 1:1	 1:1	 1:1	 1:1	 1:1	 1:1	 1:1	 1:1
	Fig. 000	Fig. 00	Fig. 0	Fig. 1	Fig. 2	Fig. 3	Fig. 4	Fig. 5
165 mm – 6 1/2"	tk 50611-01	tk 50611-02	tk 50611-10	tk 50611-11	tk 50611-12	tk 50611-13	tk 50611-14	tk 50611-15

scharf
 sharp
 tranchante
 cortante
 tagliente









1:1











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

Ohrküretten | Cures auriculaires
 Ear cures | Cures auriculaires
 Curette auricolari



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

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

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

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

1:1



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

Ohrküretten und scharfe Löffel
Ear currettes and sharp spoons

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



LANGENBECK

130 mm – 5"

tk 50620-13

stumpf
blunt

mousse
roma
smussa



JANSEN

170 mm – 6¾"

tk 50622-17

scharf
sharp

tranchante
cortante
acuta



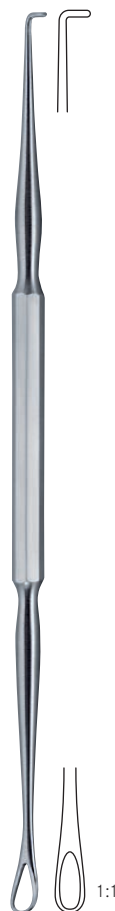
GROSS

120 mm – 4¾"

tk 50623-12

scharf, voll
sharp, not fenestrated

tranchante, pleine
cortante, lleno
acuta, pieno



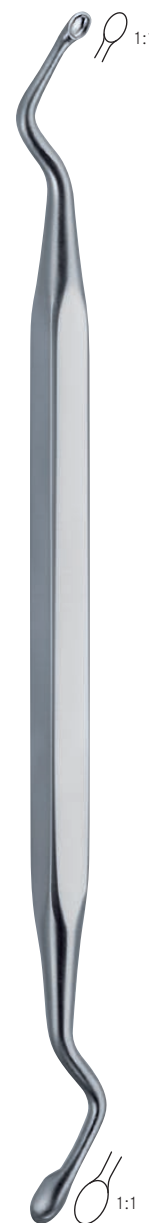
GROSS

120 mm – 4¾"

tk 50624-12

stumpf, gefenstert
blunt, fenestrated

mousse, fenêtrée
romas, fenestrada
smussa, fenestrata



JANSEN

160 mm – 6¼"

tk 50628-16

scharf
sharp




tranchante
cortante
acuta

Ohrschlingen – Hähchen
 Ear loops – hooks

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






1:2

BILLEAU	 1:1	 1:1	 1:1
	165 mm – 6½" tk 50634-01	tk 50634-02	tk 50634-03










1:2

LUCAE	 1:1	 1:1	 1:1
	140 mm – 5½" tk 50644-01	tk 50644-02	tk 50644-03

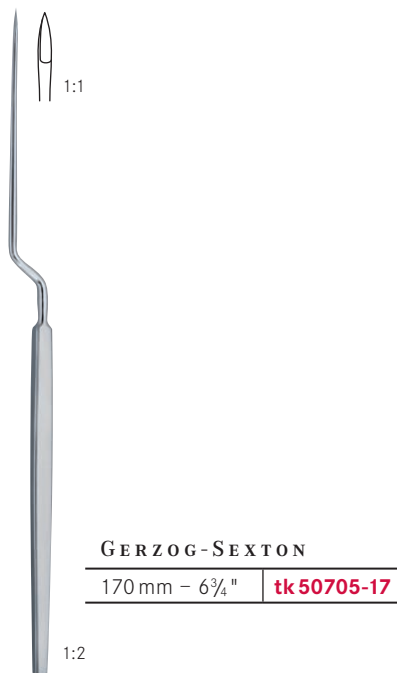
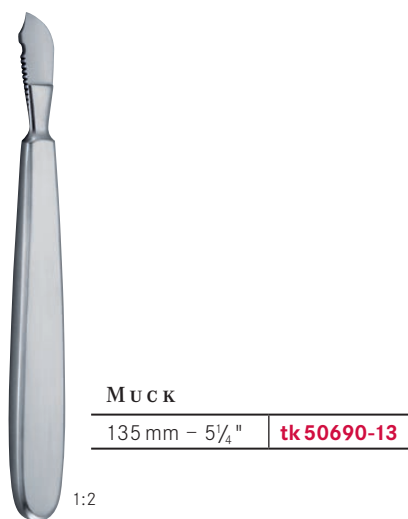
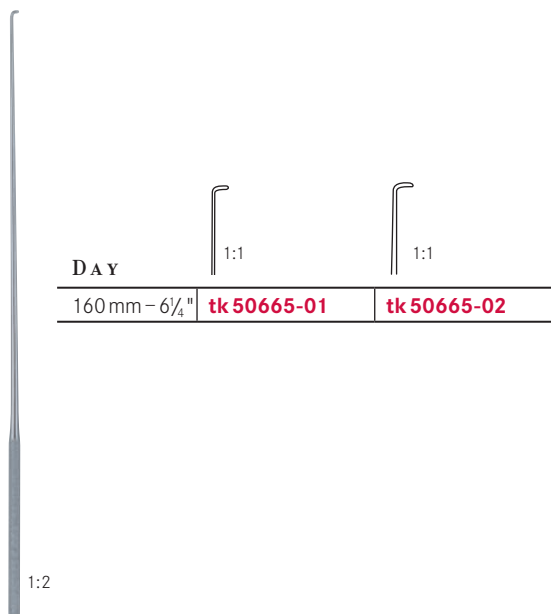


1:2

WAGENER	 1:1	 1:1	 1:1	 1:1	 1:1	 1:1	 1:1
	140 mm – 5½" tk 50661-01	tk 50661-02	tk 50661-03	tk 50661-04	tk 50661-05	tk 50661-06	tk 50661-07

Ohrhäkchen – Messer
Ear hooks – knives

Crochets – couteaux auriculaires
Ganchos – cuchillos auriculares
Uncini – coltelli auricolari



Parazentesenadeln
Paracentesis needles

Aiguilles de paracentèse
Agujas para paracentesis
Aghi per paracentesi



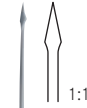
POLITZER
150 mm – 6"
tk 50710-15



GERZOG
160 mm – 6¼"
tk 50712-16



BUCK
160 mm – 6¼"
tk 50714-16



LUCAE

180 mm – 7" **tk 50761-18**

tk 50763-18



LUCAE
190 mm – 7½"
tk 50765-19



POLITZER
170 mm – 6¾"
tk 50757-16



POLITZER

160 mm – 6¼"

tk 50753-16

Nadel senkrecht
Needle vertical

Aiguille verticale
Aguja vertical
Ago verticale



160 mm – 6¼"

tk 50755-16

Nadel waagrecht
Needle horizontal

Aiguille horizontale
Aguja horizontal
Ago orizzontale

Ohrpolypenschnürer
Ear polypus snares

Serre noeuds auriculaires
Polipótomos auriculares
Serranodi auricolari



	10 m – 33 ft.
0.3 mm Ø	tk 50319-30
0.4 mm Ø	tk 50319-40



0.2 mm Ø x 75 mm	tk 50320-20
0.3 mm Ø x 100 mm	tk 50320-30

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



KRAUSE 1:2
160 mm – 6¼" **tk 50311-16**



KRAUSE-VOSS 1:2
160 mm – 6¼" **tk 50313-16**



LANGE-WILDE 1:2
170 mm – 6¾" **tk 50315-17**

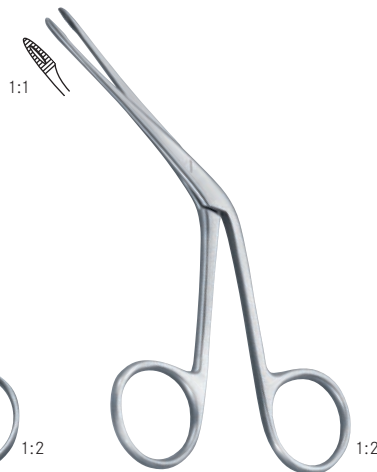
Ohrpolypenzangen
Ear polypus forceps

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



LITTAUER

120 mm – 4¾" **tk 50403-12**



HARTMANN

120 mm – 4¾" **tk 50405-12**

feines Modell
delicate jaw
modèle fin
modelo fino
modello fino



HARTMANN

140 mm – 5½" **tk 50407-14**

normales Modell
normal jaw
modèle standard
modelo estandard
modello standard

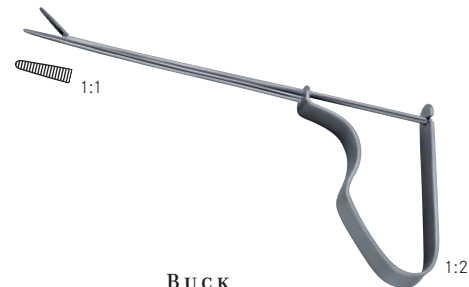


QUIRE

105 mm – 4¼" **tk 50419-10**

Fremdkörperheber
Foreign body lever

Levier pour corps étrangers
Elevador para cuerpos extraños
Leva per corpi estranei



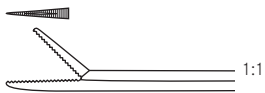
BUCK

115 mm – 4½" **tk 50417-11**

Fremdkörperzängchen
Foreign body forceps

Pince pour corps étrangers
Pinza para cuerpos extraños
Pinza per corpi estranei

Ohrzängchen
Ear forceps
Pincés auriculaires
Pinzas auriculares
Pinze auricolari



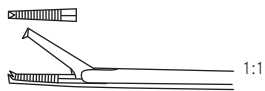
HARTMANN-WULLSTEIN
x = 85 mm – 3¼" tk 50455-08



HARTMANN-WULLSTEIN
1 mm Ø
x = 85 mm – 3¼" tk 50457-08

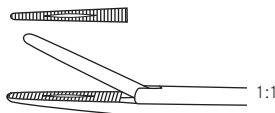


HARTMANN
x = 85 mm – 3¼" tk 50459-08
x = 140 mm – 5½" tk 50459-14
x = 160 mm – 6¼" tk 50459-16



HARTMANN
x = 85 mm – 3¼" tk 50461-08
x = 140 mm – 5½" tk 50461-14

1x2



HARTMANN-NOYES
x = 90 mm – 3½" tk 50463-09

STRUEMPPEL
x = 85 mm – 3¼" tk 50472-08



45° tk 50472-45
90° tk 50472-90



HARTMANN-WEINGÄRTNER
x = 85 mm – 3¼" tk 50467-08



HARTMANN
x = 85 mm – 3¼"
2.0 mm Ø tk 50469-01
2.5 mm Ø tk 50469-02
3.0 mm Ø tk 50469-03

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



MCGEE



3.5 mm x 0.8 mm

tk 50430-00

Drahtbiegezängchen
Wire bending forceps

Pince pour plier fils métalliques
Pinza para plegar alambres
 Pinza per piegare fili metallici

FULLER



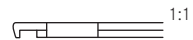
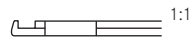
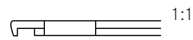
80 mm – 3 1/4"

tk 50434-01

Einführungszängchen für Teflonprothesen
Introducing forceps for teflon prosthesis

Pince pour introduction pour prothèses de téflon
Pinza para introducir para prótesis de teflon
 Pinza per introduzione di protesi in teflon

DIETER



x = 80 mm – 3 1/4"

tk 50432-01

tk 50432-02

tk 50433-01

tk 50433-02

Hammerkopfzängchen
Malleus nipper

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

oben schneidend
up-cutting

coupe en haut
corte arriba
 tagliente in alto

unten schneidend
down-cutting

coupe en bas
corte abajo
 tagliente in basso

rechts schneidend
right-cutting



coupe à droite
corte derecha
 tagliente a destra




links schneidend
left-cutting




coupe à gauche
corte izquierda
 tagliente a sinistra

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



MINI MCGEE	 1:1	 1:1
a x b	x = 75 mm - 3"	x = 75 mm - 3"
3.5 mm x 0.6 mm	tk 50421-01	tk 50421-02
	gerade, glatt straight, smooth droit, lisse recta, lisa retta, liscia	gerade, gerieft straight, serrated droit, strié recta, estriada retta, zigrinata






	 1:1	 1:1	 1:1
a x b	x = 75 mm - 3"	x = 75 mm - 3"	x = 75 mm - 3"
3.5 mm x 0.6 mm			tk 50421-03
4.0 mm x 0.8 mm	tk 50420-01	tk 50420-02	tk 50420-03
	gerade, glatt straight, smooth droit, lisse recta, lisa retta, liscia	gerade, gerieft straight, serrated droit, strié recta, estriada retta, zigrinata	aufgebogen, gerieft curved upwards, serrated coudé en haut, strié curvada arriba, estriada curvata in alto, zigrinata

	 1:1	 1:1	 1:1
a x b	x = 75 mm - 3"	x = 75 mm - 3"	x = 75 mm - 3"
3.5 mm x 0.6 mm	tk 50421-04	tk 50421-05	tk 50421-06
4.0 mm x 0.8 mm	tk 50420-04	tk 50420-05	tk 50420-06
	rechts gebogen, gerieft curved to right, serrated coudé à droite, strié curvada a la derecha, estriada curvata a destra, zigrinata	links gebogen, gerieft curved to left, serrated coudé à gauche, strié curvada a la izquierda, estriada curvata a sinistra, zigrinata	abwärts gebogen, gerieft angled down, serrated coudé en bas, strié curvada à bajo, estriada curvata in basso, zigrinata

Mikro-Löffelzängchen
Micro cup forceps





Micro pinces auriculaires à cuillère
Micro-pinzas auriculares a cucharilla
Micro-pinze auricolari a cucchiaio



	 1:1	 1:1	 1:1
	x = 75 mm – 3"	x = 75 mm – 3"	x = 75 mm – 3"
a = 4.0 mm b = 1.0 mm x c = 0.9 mm	tk 50424-10	tk 50424-11	tk 50424-12
	gerade, oval <i>straight, oval</i> droit, ovale <i>recta, oval</i> retta, ovale	aufgebogen, oval <i>curved upwards, oval</i> coudé en haut, ovale <i>curvada arriba, oval</i> curvata in alto, ovale	links gebogen, oval <i>curved to left, oval</i> coudé à gauche, ovale <i>curvada a la izquierda, oval</i> curvata a sinistra, ovale
	 1:1	 1:1	
	x = 75 mm – 3"	x = 75 mm – 3"	
a = 4.0 mm b = 1.0 mm x c = 0.9 mm	tk 50424-13	tk 50424-14	
	rechts gebogen, oval <i>curved to right, oval</i> coudé à droite, ovale <i>curvada a la derecha, oval</i> curvata a destra, ovale	abwärts gebogen, oval <i>curved downwards, oval</i> coudé en bas, ovale <i>curvada a bajo, oval</i> curvata in basso, ovale	

Mikro-Löffelzängchen | Micro pinces auriculaires à cuillère
 Micro cup forceps | Micro-pinzas auriculares a cucharilla
 Micro-pinze auricolari a cucchiaino







	 1:1	 1:1
	x = 80 mm - 3 1/4"	x = 80 mm - 3 1/4"
a = 3.5 mm b = 0.6 mm x c = 0.5 mm	tk 50425-01	tk 50425-02
a = 4.0 mm b = 1.0 mm x c = 0.9 mm	tk 50424-01	tk 50424-02
	gerade, oval <i>straight, oval</i> droit, ovale <i>recta, oval</i> retta, ovale	aufgebogen, oval <i>curved upwards, oval</i> coudé en haut, ovale <i>curvada arriba, oval</i> curvata in alto, ovale
	 1:1	 1:1
	x = 80 mm - 3 1/4"	x = 80 mm - 3 1/4"
a = 3.5 mm b = 0.6 mm x c = 0.5 mm	tk 50425-03	tk 50425-04
a = 4.0 mm b = 1.0 mm x c = 0.9 mm	tk 50424-03	tk 50424-04
	rechts gebogen, oval <i>curved to right, oval</i> coudé à droite, ovale <i>curvada a la derecha, oval</i> curvata a destra, ovale	aufgebogen, oval <i>curved to left, oval</i> coudé à gauche, ovale <i>curvada arriba, oval</i> curvata in alto


Mikro-Ohrscheren
Micro ear scissors

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





BELUCCI	 1:1	 1:1
a x b	x = 75 mm – 3"	x = 75 mm – 3"
4.0 mm x 0.8 mm	tk 50426-07	tk 50426-02
sehr fein very fine	gerade, spitz/spitz straight, sharp/sharp	aufgebogen, stumpf/stumpf curved upwards, blunt/blunt
très fine muy fina	droit, pointue/pointue recta, aguda/aguda	courbés en haut, mousse/mousse curvada arriba, roma/roma
molto delicata	retta, acuta/acuta	curvata in alto, smussa/smussa



	 1:1	 1:1
a x b	x = 75 mm – 3"	x = 75 mm – 3"
4.0 mm x 0.8 mm	tk 50426-05	tk 50426-06
sehr fein very fine	rechts gebogen, spitz/spitz curved to right, sharp/sharp	links gebogen, spitz/spitz curved to left, sharp/sharp
très fine muy fina	coudé à droite, pointue/pointue curvada a la derecha, aguda/aguda	coudée à gauche, pointue/pointue curvada a la izquierda, aguda/aguda
molto delicata	curvata a destra, acuta/acuta	curvata a sinistra, acuta/acuta

	 1:1
a x b	x = 75 mm – 3"
4.0 mm x 0.8 mm	tk 50426-08
sehr fein very fine	gerade, spitz/stumpf straight, sharp/blunt
très fine muy fina	droit, pointue/mousse recta, aguda/roma
molto delicata	retta, acuta/smussa

Mikro-Ohrscheren | Micro ciseaux auriculaires
 Micro ear scissors | Micro-tijeras para oídos
 Micro-forbici auricolari






WULLSTEIN  1:1		 1:1	
a x b	x = 80 mm – 3/4"	x = 80 mm – 3/4"	
4.0 mm x 0.8 mm	tk 50427-01	tk 50427-02	
	gerade, spitz/spitz straight, sharp/sharp droit, pointue/pointue recta, aguda/aguda retta, acuta/acuta	aufgebogen, spitz/spitz curved upwards, sharp/sharp coudée en haut, pointue/pointue curvada arriba, aguda/aguda curvata in alto, acuta/acuta	

WULLSTEIN  1:1		 1:1	
a x b	x = 80 mm – 3/4"	x = 80 mm – 3/4"	
4.0 mm x 0.8 mm	tk 50427-03	tk 50427-04	
	rechts gebogen, spitz/spitz curved to right, sharp/sharp coudé à droite, pointue/pointue curvada a la derecha, aguda/aguda curvata a destra, acuta/acuta	links gebogen, spitz/spitz curved to left, sharp/sharp coudée à gauche, pointue/pointue curvado a la izquierda, aguda/aguda curvata a sinistra, acuta/acuta	




Ohr Mikro-Raspatorien und Sonden
Micro ear-raspatories and probes

Micro rugines et sondes auriculaires
Micro-sondas y raspatorios auriculares
 Micro-raspatori e sonde auricolari





PLESTER	 1:1	 1:1	 1:1
	160 mm – 6 1/4"	tk 50530-00	tk 50531-00

Führungsgabel <i>Wire guide</i>	Raspatorium <i>Raspatory</i>	Elevatorium <i>Elevator</i>
Fourchette d'introduction <i>Tenedor guía</i>	Rugine <i>Raspatorio</i>	Élévateur <i>Elevador</i>
Forchetta guida	Raspatorio	Elevatorio

	 1:1	 1:1	 1:1
	1.8 mm	1.0 mm	
160 mm – 6 1/4"	tk 50533-00	tk 50534-00	tk 50535-00

Raspatorium <i>Raspatory</i>	Raspatorium <i>Raspatory</i>	Dissektor, doppelt links gebogen <i>Dissector, double curved left</i>
Rugine <i>Raspatorio</i>	Rugine <i>Raspatorio</i>	Dissecteur, double courbe à gauche <i>Disector, doble curvado a la izquierda</i>
Raspatorio	Raspatorio	Dissettore doppio curvato a sinistra

	 1:1	 1:1
160 mm – 6 1/4"	tk 50536-00	tk 50537-00

Dissektor, doppelt rechts gebogen <i>Dissector, double curved right</i>	Handinstrument zum Andrücken von Drahtprothesen <i>Instrument for placing wire prothesis</i>
Dissecteur, double courbe à droite <i>Disector, doble curvado a la derecha</i>	Instrument pour mettre en place des protheses en fils métalliques <i>Instrumento para posicionar protèsis de alambre</i>
Dissettore, doppio curvato a destra	Strumento per posizionare prothesi di fili metallici


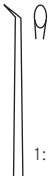


HOUSE	
	160 mm – 6 1/4"
3.5 mm	tk 50571-01
4.0 mm	tk 50571-02
4.5 mm	tk 50571-03
5.0 mm	tk 50571-04





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


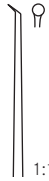
Ohrsichelmesser – Rundschnittmesser
Ear sickleknives – Circular cutting knife

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



ROSEN	 1:1	 1:1	 1:1	 1:1
	160 mm – 6 1/4"	tk 50538-00	tk 50539-01	tk 50539-02
	Rundschnittmesser <i>Circular cutting knife</i> Couteau rond <i>Cuchillo redondo</i> Coltello rotondo	Trommelfellmesser <i>Tympanum knife</i> Couteau pour le tympan <i>Cuchillo para el timpano</i> Coltello per timpani	Lanzennmesser <i>Lancet knife</i> Couteau lancéolaire <i>Cuchillo lanceolado</i> Coltello lanceolato	Lanzennmesser <i>Lancet knife</i> Couteau lancéolaire <i>Cuchillo lanceolado</i> Coltello lanceolato

SCHUHKNECHT	 1:1	 1:1	 1:1	 1:1
	160 mm – 6 1/4"	tk 50550-01	tk 50550-02	tk 50550-03
	Rollermesser, parallel <i>Roller knife, parallel</i> Couteau à lame, tournante, verticale <i>Cuchillo redondo, vertical</i> Coltello rotondo, parallelo	Rollermesser, rechtwinklig <i>Roller knife, right angled</i> Couteau à lame, tournante, horizontale <i>Cuchillo redondo, horizontal</i> Coltello rotondo, orizzontale	Sichelmesser, leicht gebogen <i>Sickle knife, slightly curved</i> Couteau faucille, légèrement courbe <i>Cuchillo de hoz, ligeramente curvado</i> Coltello a ferma di falce, leggermente curvo	Diszisionsmesser, gerade <i>Discision knife, straight</i> Couteau à discision, droit <i>Cuchillo de discición, recto</i> Coltello di dissezione, retto

PLESTER	 1:1	 1:1	ZÖLLNER				
	160 mm – 6 1/4"	tk 50550-06	45°	160 mm – 6 1/4"	1 mm	1 mm	
	Lappenmesser <i>Flap knife</i> Couteau à lambeaux <i>Cuchillo para lobulos</i> Coltello per stacci	3.0 mm Ø tk 50552-01 2.6 mm Ø tk 50552-03 2.0 mm Ø tk 50552-04 1.5 mm Ø tk 50552-05 1.0 mm Ø tk 50552-07			160 mm – 6 1/4"	tk 50567-01	tk 50577-01
		Rundschnittmesser <i>Circular cutting knife</i> Couteau rond <i>Cuchillo redondo</i> Coltello rotondo				Raspatorium <i>Raspatory</i> Rugine <i>Raspatorio</i> Raspatorio	Raspatorium <i>Raspatory</i> Rugine <i>Raspatorio</i> Raspatorio

Mikro-Ohrinstrumente
Instruments for micro ear-surgery

Instruments pour la micro-chirurgie auriculaire
Instrumentos para la micro-cirugía auricular
Strumenti per micro-chirurgia auricolare



1:1

ZÖLLNER

90°

tk 50540-01

Rundschnittmesser, nach oben gebogen
Round knife, angled up

Couteau rond, coudé en haut
Cuchillo redondo, angulado arriba
Coltello rotondo, angolato in alto



1:1

90°

tk 50540-02

Rundschnittmesser, nach unten gebogen
Round knife, angled down

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



1:1

tk 50540-03

Sichelmesser, nach oben gebogen
Sickle knife, angled up

Couteau faucille, courbe vers le haut
Cuchillo de hoz, angulado arriba
Coltello a forma di falce, angolato in alto



1:1

tk 50540-04

Sichelmesser, nach unten gebogen
Sickle knife, angled down

Couteau faucille, courbe vers le bas
Cuchillo de hoz, angulado a bajo
Coltello a forma di falce, curvato in basso



1:1

tk 50540-05

Lanzenmesser, links gebogen
Lancet knife, curved to left

Couteau lancéolaire, courbe à gauche
Cuchillo lanceolado, angulado a la izquierda
Coltello lancelato, curvato a sinistra



1:1

tk 50540-06

Lanzenmesser, rechts gebogen
Lancet knife, curved to right

Couteau lancéolaire, courbe à droite
Cuchillo lanceolado, angulado a la derecha
Coltello lancelato, curvato a destra



1:1

tk 50540-07

Raspatorium, links gebogen
Raspatory, curved to left

Décolleur, courbe à gauche
Raspatorio, angulado a la izquierda
Raspatorio, curvato a sinistra



1:1

tk 50540-08

Raspatorium, rechts gebogen
Raspatory, curved to right

Décolleur, courbe à droite
Raspatorio, angulado a la derecha
Raspatorio, curvato a destra



1:1

tk 50540-09

Führungsgabel
Wire guide

Fourchette d'introduction
Tenedor guía
Forchetta guida

Mikro-Ohrinstrumente
Instruments for micro ear-surgery

Instruments pour la micro-chirurgie auriculaire
Instrumentos para la micro-cirugía auricular
Strumenti per micro-chirurgia auricolare



ZÖLLNER

tk 50541-01

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



tk 50541-02

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



tk 50541-03

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



0.5 mm – 90°

tk 50541-04

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



0.5 mm – 90°

tk 50541-05

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



1.0 mm – 45°

tk 50541-06

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



1.0 mm – 45°

tk 50541-07

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



1.0 mm

tk 50541-08

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



1.0 mm

tk 50541-09

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

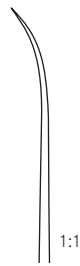
Mikro-Ohrnadeln und Häkchen
Micro ear-needles and hooks

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



160 mm – 6¼"
tk 50543-01

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



160 mm – 6¼"
tk 50543-02

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



160 mm – 6¼"
tk 50543-03

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



SHAMBAUGH

	160 mm – 6¼"	160 mm – 6¼"
	45°	90°
0.4 mm	tk 50544-04	tk 50545-04
0.6 mm	tk 50544-06	tk 50545-06
0.8 mm	tk 50544-08	tk 50545-08
1.0 mm	tk 50544-10	tk 50545-10

Häkchen, abgewinkelt
Hook, angled
Crochet, coudé
Gancho, acodado
Uncino, angolato



1:1



1:1

	160 mm – 6¼"
1.0 mm	tk 50546-10
2.5 mm	tk 50546-25

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



1:1

	0.6 mm
160 mm – 6¼"	tk 50547-01

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



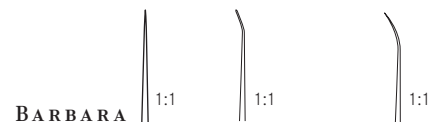
PLESTER
0.4 mm – 90° **tk 50548-01**

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



PLESTER
0.4 mm – 45° **tk 50549-01**

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

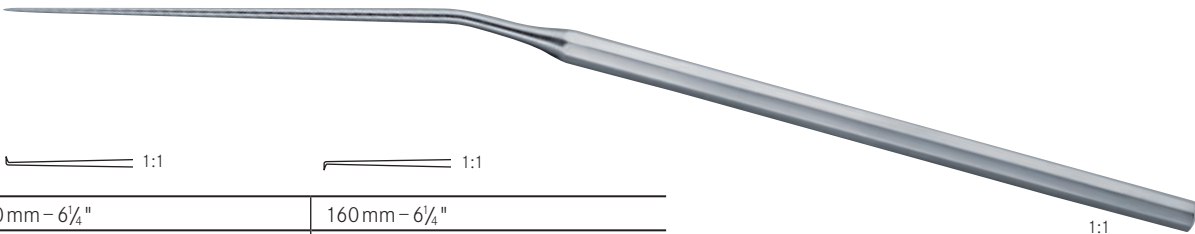


BARBARA
tk 50553-01 **tk 50553-02** **tk 50553-04**

spitz/gerade <i>sharp/straight</i>	stumpf/gewinkelt <i>blunt/angled</i>	spitz/gebogen <i>sharp/curved</i>
pointue/droite <i>aguda/recta</i>	mousse/coudée <i>roma/angulada</i>	pointue/courbe <i>aguda/curva</i>
acuto/retta	smusso/angolato	acuto/curve

Mikro-Ohrnadeln und Häkchen
Micro ear-needles and hooks

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



SHAMBAUGH

	160 mm – 6¼" 1:1	160 mm – 6¼" 1:1
	90°	90°
0.3 mm	tk 50558-03	tk 50559-03
0.6 mm	tk 50558-06	tk 50559-06
1.0 mm	tk 50558-10	tk 50559-10

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

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

MCGEE

	160 mm – 6¼" 1:1	160 mm – 6¼" 1:1
0.5 mm	tk 50560-05	tk 50561-05
1.0 mm	tk 50560-10	tk 50561-10

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

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

BARBARA

	0.5 mm 1:1
155 mm – 6"	tk 50562-01

ROSEN

	0.5 mm 1:1
160 mm – 6¼"	tk 50562-04

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

MCGEE

	160 mm – 6¼" 1:1	160 mm – 6¼" 1:1	160 mm – 6¼" 1:1	160 mm – 6¼" 1:1
	25°	25°	45°	45°
0.3 mm	tk 50563-03	tk 50564-03	tk 50565-03	tk 50566-03
0.6 mm	tk 50563-06	tk 50564-06	tk 50565-06	tk 50566-06
1.0 mm	tk 50563-10	tk 50564-10	tk 50565-10	tk 50566-10

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

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





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

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

Mikro-Ohrraspatorien
Micro ear-raspatories

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



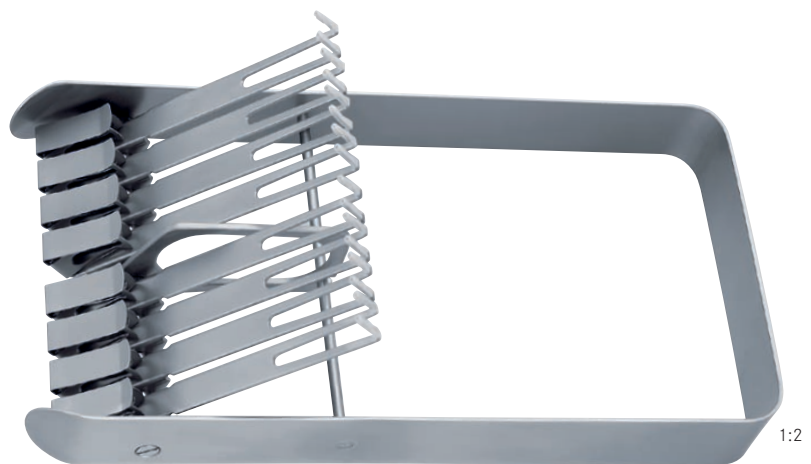
FISCH	 1:1	 1:1	 1:1	 1:1
	155 mm – 6"	155 mm – 6"	155 mm – 6"	155 mm – 6"
	tk 50568-01	tk 50568-02	tk 50569-01	tk 50569-02

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

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

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

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



tk 50590-00

Rack für 8 Mikro-Ohr-Instrumente mit Sechs- oder Achteckgriff
Rack for 8 each micro ear instruments with hexagonal or octagonal handle
Etagère pour 8 micro-instruments avec manches hexagonales o octogonales
Soporte para 8 micro-instrumentos con mangos hexagonales o octogonales
Supporto per 8 strumenti micro con manico esagonale e ottagonale

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



HOUSE

170 mm – 6¾" tk 50573-01

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

170 mm – 6¾" tk 50573-02

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



SHEA	1.5 mm x 2.5 mm	1.5 mm x 2.5 mm
160 mm – 6¼"	tk 50572-01	tk 50572-02
	gerade straight	gebogen curved
	droits recta retto	courbe curva curvo

Mikro-Ohrlöffel
Micro ear-spoons



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



1:1



1:1

HOUSE	 1:1	 1:1
	1.0 mm Ø und 1.2 mm Ø	1.5 mm Ø und 1.8 mm Ø
150 mm – 6"	tk 50575-01	tk 50575-02

Löffel stark gebogen
Spoon strong curved

Curette fortement coudée

Cureta, muy curvada



Cucchaio, fortemente curvato

Löffel stark gebogen
Spoon strong curves

Curette fortement coudée

Cureta, muy curvada

Cucchaio, fortemente curvato

HOUSE	 1:1	 1:1
	1.0 mm Ø und 1.2 mm Ø	1.5 mm Ø und 1.8 mm Ø
150 mm – 6"	tk 50574-01	tk 50574-02

Löffel, leicht gebogen
Spoon, slightly curved

Curette, légèrement coudée

Cureta, ligeramente curvada

Cucchaio, legeremente curvato

Löffel, leicht gebogen
Spoon, slightly curves

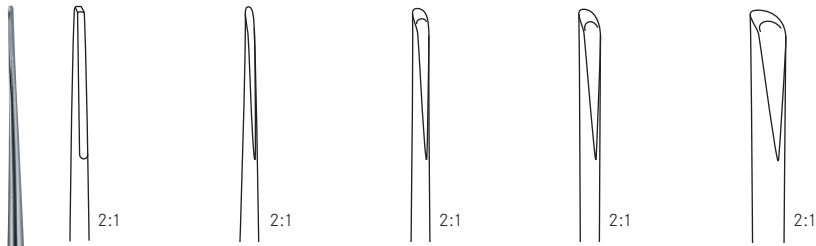
Curette, légèrement coudée

Cureta, ligeramente curvada

Cucchaio, legeremente curvato

Mikro-Ohrmeißel und Hämmer
Micro ear-chisels and hammers

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



HEERMANN

0.7 mm	0.7 mm	1.0 mm	1.5 mm	3.0 mm
tk 50579-01	tk 50579-02	tk 50579-03	tk 50579-04	tk 50579-05

Flachmeißel <i>Chisel</i>	Hohlmeißel <i>Gouge</i>	Hohlmeißel <i>Gouge</i>	Hohlmeißel <i>Gouge</i>	Hohlmeißel <i>Gouge</i>
Ciseaux <i>Escoplo</i>	Gouge <i>Gubia</i>	Gouge <i>Gubia</i>	Gouge <i>Gubia</i>	Gouge <i>Gubia</i>
Scalpello	Sgorbia	Sgorbia	Sgorbia	Sgorbia

1:1



HEERMANN

tk 50580-10

Handgriff für Meißel (tk 50579-01 – tk 50579-05)
Handle for chisels (tk 50579-01 – tk 50579-05)
Manche pour ciseaux (tk 50579-01 – tk 50579-05)
Mango para escoplos (tk 50579-01 – tk 50579-05)
Manico per scalpelli/sgorbie (tk 50579-01 – tk 50579-05)



HEERMANN

195 mm – 7¾" **tk 50581-00**

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



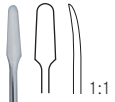
COTTLE

250 g
190 mm – 7½" **tk 50581-19**

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

Ohrspatorien
Ear-raspatories

Raspateurs auriculaires
Raspatorias auriculares
Raspatori auricolari



WULLSTEIN

160 mm – 6 1/4" **tk 50578-01** **tk 50578-02**

gerade	gebogen
<i>straight</i>	<i>curved</i>
droite	courbe
<i>recta</i>	<i>curva</i>
rette	curvo



ROSEN

175 mm – 7" **tk 50781-00**

bajonettförmig
bayonet shaped
en forme de baionette
en forma de bayoneta
forma a baionetta



tk 50783-00

bajonettförmig
bayonet shaped
en forme de baionette
en forma de bayoneta
forma a baionetta

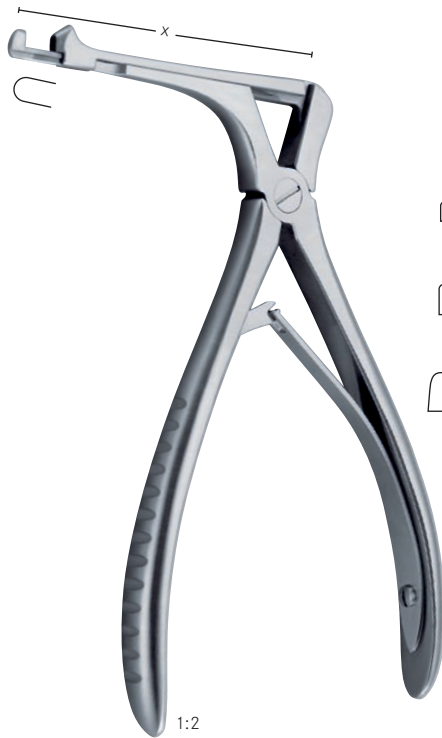


LEMPERT




tk 50784-02

160 mm – 6 1/4"
3.0 mm

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



CITELLI

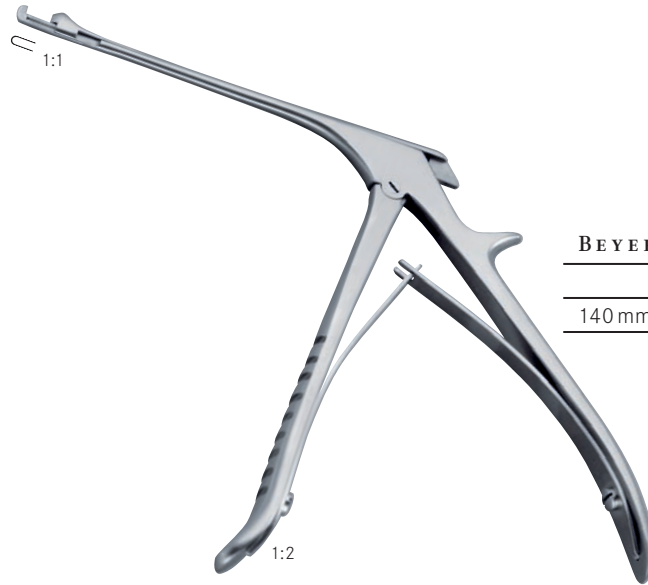
x = 60 mm	170 mm – 6¾"
 1.5 mm	tk 50491-01
 2.2 mm	tk 50491-02
 3.0 mm	tk 50491-03



KERRISON				
200 mm – 8"	3 x 3 mm	4 x 4 mm	5 x 5 mm	6 x 6 mm
x = 80 mm	tk 51251-00	tk 51251-01	tk 51251-02	tk 51251-03

Ohr-Knochenstanzen
Bone-rongeurs

Rongeurs auriculaires
Pinzas osteótomos auriculares
Conchotomi auricolari

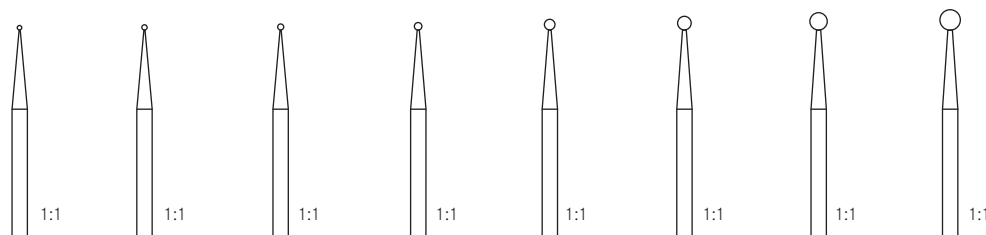


BEYER	
	1 mm
140 mm – 5½"	tk 50494-14



BEYER	
	2 mm
190 mm – 7½"	tk 50493-19

Bohrer | Fraises
 Burrs | Brocas
 Perforatori

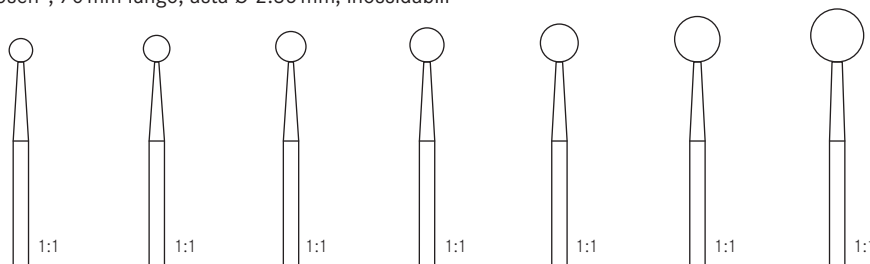


„ROSEN“-BOHRER

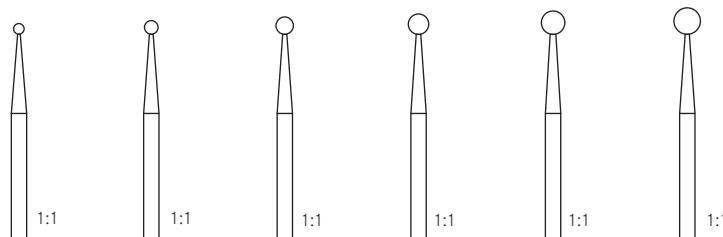
	0.6 mm Ø	0.7 mm Ø	0.8 mm Ø	1.0 mm Ø	1.4 mm Ø	1.8 mm Ø	2.3 mm Ø	2.7 mm Ø
70 mm – 2 ³ / ₄ "	tk 52814-06	tk 52814-07	tk 52814-08	tk 52814-10	tk 52814-14	tk 52814-18	tk 52814-23	tk 52814-27

„Rosen“-Bohrer, 70 mm lang, Schaft-Ø 2.35 mm, rostfrei
 “Rosen” burrs, 70 mm long, shank diameter 2.35 mm, stainless

Fraises de «Rosen», 70 mm de long, Ø de tige 2.35 mm, inoxydables
 Brocas “Rosen”, largo 70 mm, vástago-Ø 2.35 mm, inoxidable
 Perforatori “Rosen”, 70 mm lungo, asta Ø 2.35 mm, inossidabili



	3.1 mm Ø	3.5 mm Ø	4.0 mm Ø	4.5 mm Ø	5.0 mm Ø	6.0 mm Ø	7.0 mm Ø
70 mm – 2 ³ / ₄ "	tk 52814-31	tk 52814-35	tk 52814-40	tk 52814-45	tk 52814-50	tk 52814-60	tk 52814-70

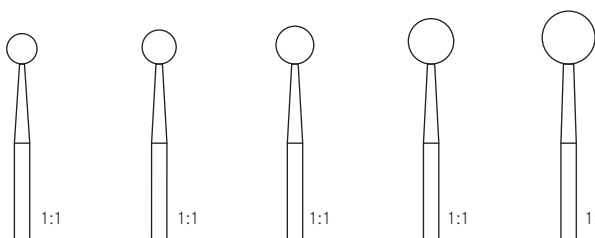


„ROSEN“-BOHRER

	1.4 mm Ø	1.8 mm Ø	2.3 mm Ø	2.7 mm Ø	3.1 mm Ø	3.5 mm Ø
95 mm – 3 ³ / ₄ "	tk 52816-14	tk 52816-18	tk 52816-23	tk 52816-27	tk 52816-31	tk 52816-35

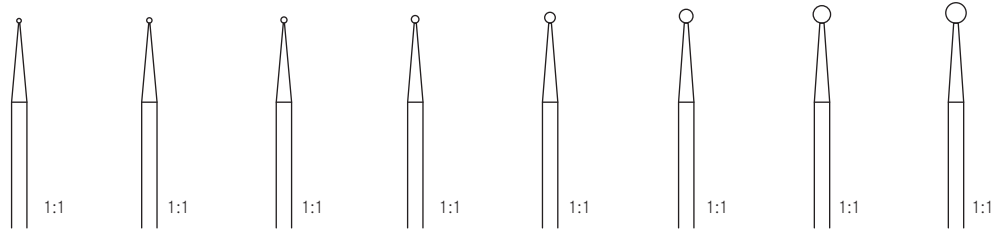
„Rosen“-Bohrer, 95 mm lang, Schaft-Ø 2.35 mm, rostfrei
 “Rosen” burrs, 95 mm long, shank diameter 2.35 mm, stainless

Fraises de «Rosen», 95 mm de long, Ø de tige 2.35 mm, inoxydables
 Brocas “Rosen”, largo 95 mm, vástago-Ø 2.35 mm, inoxidable
 Perforatori “Rosen”, 95 mm lungo, asta Ø 2.35 mm, inossidabili

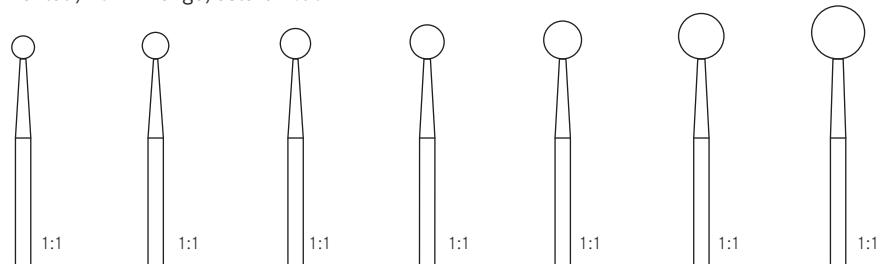


	4.0 mm Ø	4.5 mm Ø	5.0 mm Ø	6.0 mm Ø	7.0 mm Ø
95 mm – 3 ³ / ₄ "	tk 52816-40	tk 52816-45	tk 52816-50	tk 52816-60	tk 52816-70

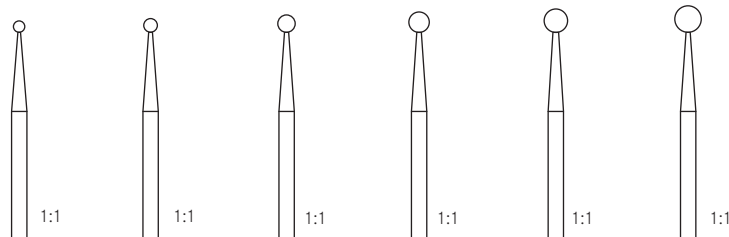
Bohrer Burrs	Fraises Brocas Perforatori
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DIAMANTBOHRER

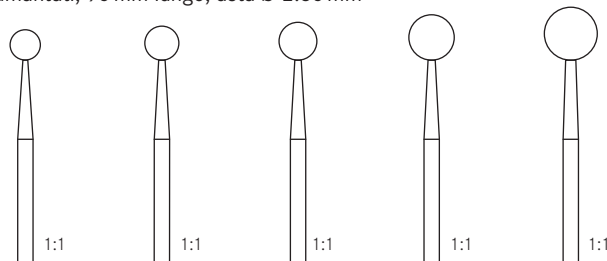
	0.6 mm Ø	0.7 mm Ø	0.8 mm Ø	1.0 mm Ø	1.5 mm Ø	1.8 mm Ø	2.3 mm Ø	2.7 mm Ø
70 mm – 2¾"	tk 52810-06	tk 52810-07	tk 52810-08	tk 52810-10	tk 52810-15	tk 52810-18	tk 52810-23	tk 52810-27

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


	3.0 mm Ø	3.5 mm Ø	4.0 mm Ø	4.5 mm Ø	5.0 mm Ø	6.0 mm Ø	7.0 mm Ø
70 mm – 2¾"	tk 52810-30	tk 52810-35	tk 52810-40	tk 52810-45	tk 52810-50	tk 52810-60	tk 52810-70


DIAMANTBOHRER

	1.5 mm Ø	1.8 mm Ø	2.3 mm Ø	2.7 mm Ø	3.0 mm Ø	3.5 mm Ø
95 mm – 3¾"	tk 52812-15	tk 52812-18	tk 52812-23	tk 52812-27	tk 52812-30	tk 52812-35

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


	4.0 mm Ø	4.5 mm Ø	5.0 mm Ø	6.0 mm Ø	7.0 mm Ø
95 mm – 3¾"	tk 52812-40	tk 52812-45	tk 52812-50	tk 52812-60	tk 52812-70

Nasenspekula | Spéculums nasaux
Nasal specula | *Especulos nasales*
 Specoli nasali



1:2

**THUDICHUM
(GOLDSMITH)**

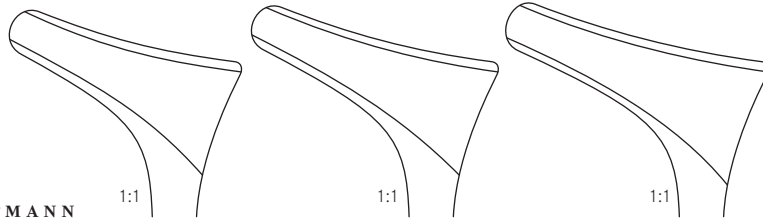


	21 mm x 9.5 mm	21 mm x 10.5 mm	21 mm x 11.5 mm
65 mm – 2½"	tk 50808-01	tk 50808-02	tk 50808-03



1:2

HARTMANN

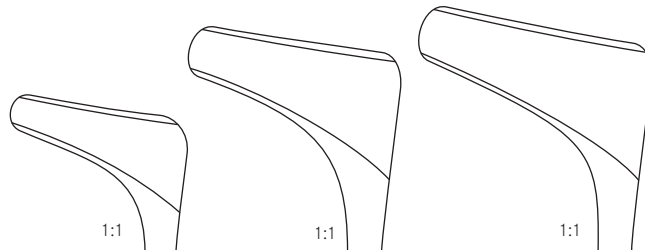


160 mm – 6¼"	tk 50812-01	tk 50812-02	tk 50812-03
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1:2

HARTMANN-HALLE

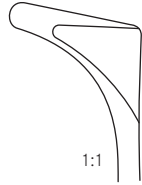


150 mm – 6"	tk 50813-01	tk 50813-02	tk 50813-03
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Nasenspekula | Spéculums nasaux
Nasal specula | Especulos nasales
Specoli nasali



1:2



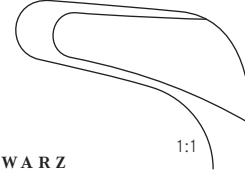
1:1

TIECK-HALLE
135 mm – 5¼" | **tk 50822-13**

für Säuglinge
for babies
pour nourrissons
para lactantes
per lattanti



1:2

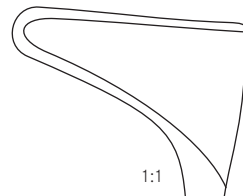


1:1

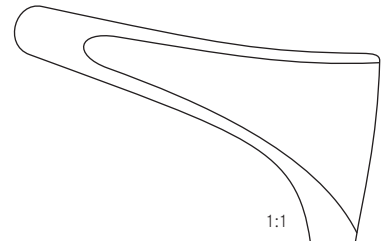
SCHWARZ
140 mm – 5½" | **tk 50811-14**



1:2

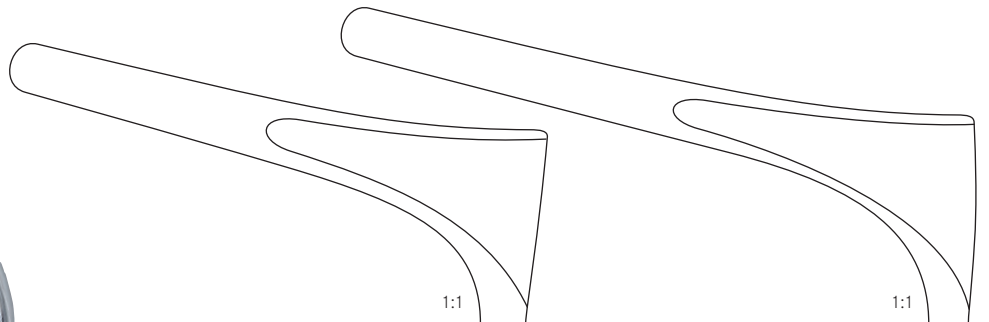


1:1



1:1

	x = 35 mm	x = 50 mm
130 mm – 5"	tk 50828-01	tk 50828-02



1:1

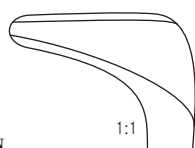
	x = 75 mm	x = 90 mm
130 mm – 5"	tk 50828-03	tk 50828-04

Nasenspekula | Spéculums nasaux
Nasal specula | *Especulos nasales*
 Specoli nasali

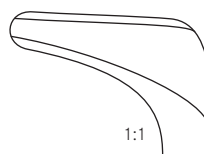


1:2

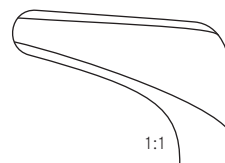
BECKMANN



1:1



1:1



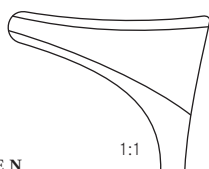
1:1

150 mm – 6"	tk 50830-01	tk 50830-02	tk 50830-03
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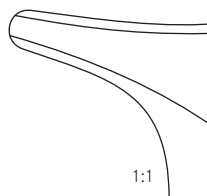


1:2

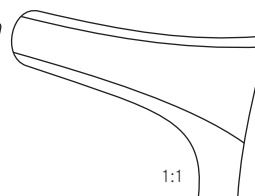
MOD. WIEN



1:1



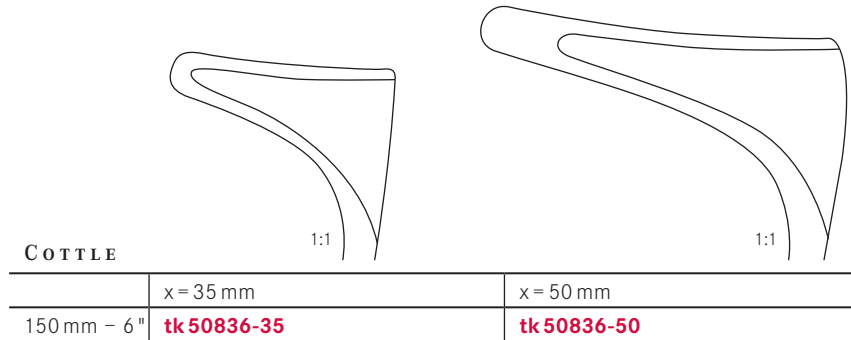
1:1



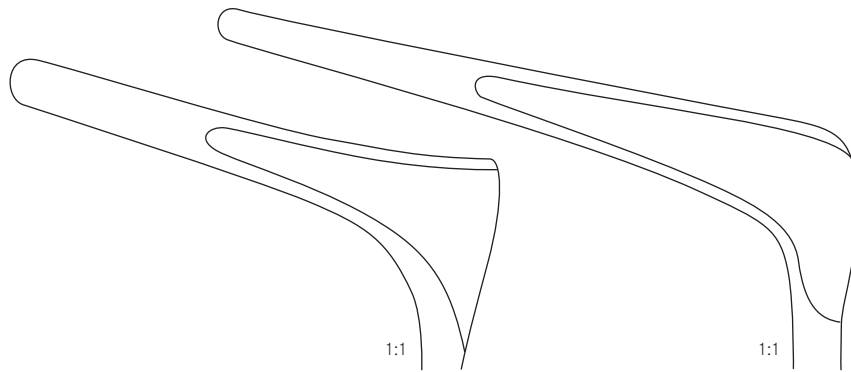
1:1

145 mm – 5¾"	tk 50834-01	tk 50834-02	tk 50834-03
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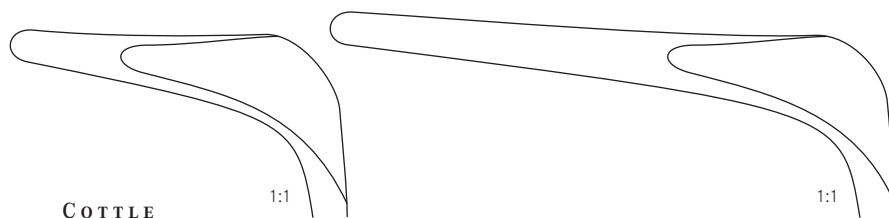
Nasenspekula | Spéculums nasaux
Nasal specula | *Especulos nasales*
 Specoli nasali



	x = 35 mm	x = 50 mm
150 mm – 6"	tk 50836-35	tk 50836-50



	x = 75 mm	x = 90 mm
150 mm – 6"	tk 50836-75	tk 50836-90



	x = 45 mm	x = 75 mm
140 mm – 5½"	tk 50840-45	tk 50840-75

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

Nasenpolypenzangen – Septumzangen
Nasal polypus and septum forceps

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



WESTMACOTT
 200 mm – 8" tk 51065-20



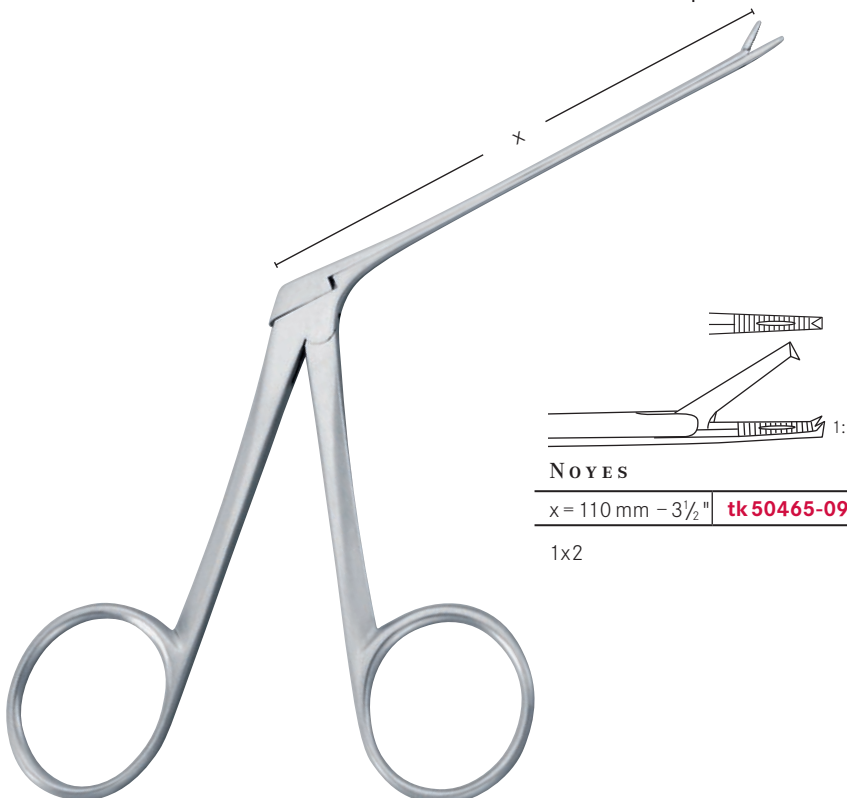
LUBET-BARBON
 200 mm – 8" tk 51066-20



HARTMANN
 160 mm – 6¼" tk 51067-16
 200 mm – 8" tk 51071-20

Nasentamponzange
Nasal dressing forceps

Pince à pansement pour le nez
Pinza nasale para tamponiamento
 Pinza per tamponamento nasale



NOYES
 x = 110 mm – 3½" tk 50465-09
 1x2

Nasenpolypenzangen – Septumzangen
Nasal polypus and septum forceps

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



TILLEY

140 mm – 5½" **tk 51068-14**



HEYMANN-KNIGHT

180 mm – 7" **tk 51069-18**






CRAIG

180 mm – 7" **tk 51116-18**

Nasenpolypenzangen
Nasal polypus

Pinces à polypes nasales
Pinzas para pólipos nasales
 Pinze per polipi nasali



HEYMANN	 1:1	 1:1	 1:1
	180 mm – 7"	tk 51095-01	tk 51095-02



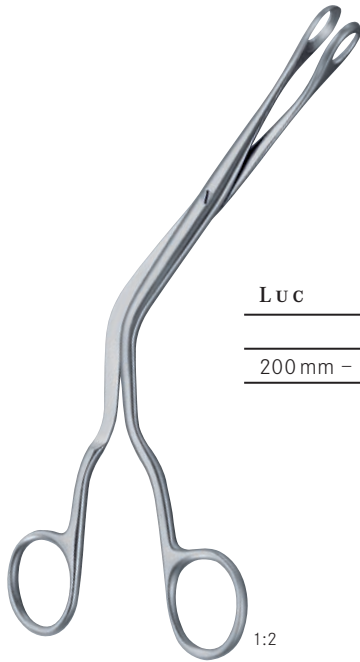
LITTAUER
 180 mm – 7" **tk 51079-18**



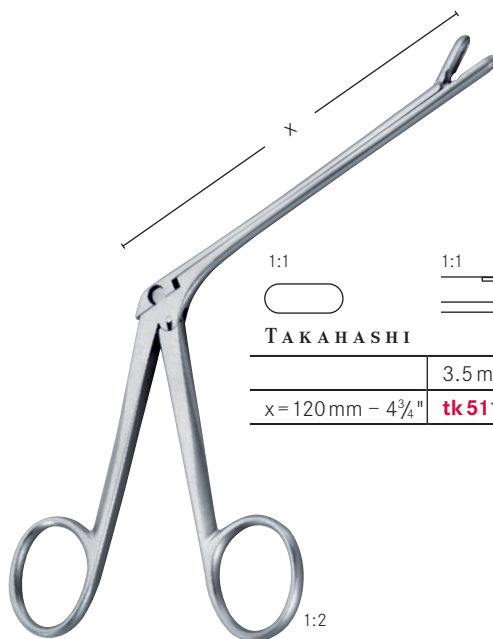
KNIGHT
 180 mm – 7" **tk 51099-18**

Scharfe Nasenzangen
Nasal cutting forceps

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



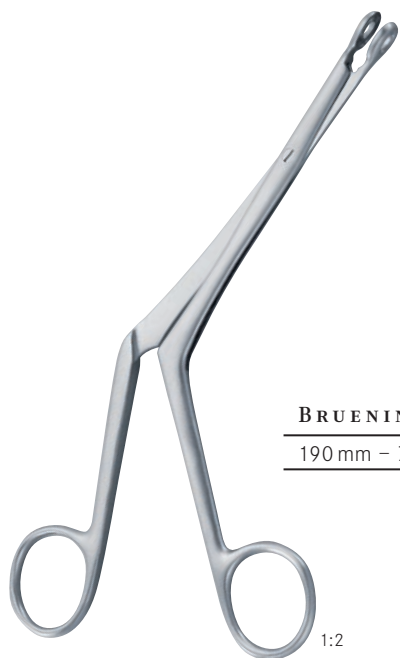
L u c	1:1		1:1	
	Fig. 1	Fig. 2	Fig. 1	Fig. 2
200 mm – 8"	tk51121-01	tk51121-02	tk51120-01	tk51120-02
	gefenstert <i>fenestrated</i> fenètré <i>fenestrado</i> finestrato		voll <i>plaine</i> pleine <i>lleno</i> pieno	







TAKAHASHI	1:1	
	1:1	1:1
x = 120 mm – 4 ³ / ₄ "	3.5 mm x 10 mm	3.5 mm x 10 mm
	tk51131-12	tk51133-12


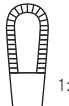

Scharfe Nasenzangen
Nasal cutting forceps

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



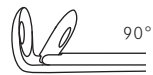
BRUENINGS	 1:1	 1:1	 1:1	 1:1
190 mm – 7½"	tk 51123-01	tk 51123-02	tk 51123-03	tk 51123-04








	 1:1	 1:1	 1:1
	WEIL	WATSON-WILLIAMS	
x = 120 mm – 4¾"	tk 51147-12	tk 51141-10	tk 51143-12



Scharfe Nasenzangen
Nasal cutting forceps

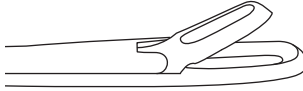


Pincès coupantes pour le nez
Pinzas nasales cortantes
Pinze taglianti per naso



WEIL- BLAKESLEY		 1:1	 1:1	 1:1	 1:1	 1:1
	Fig. 1	Fig. 2	Fig. 3	Fig. 4	Fig. 5	
	a = 3.0 mm	a = 3.5 mm	a = 4.5 mm	a = 5.0 mm	a = 5.5 mm	
x = 120 mm – 4 ³ / ₄ "	tk 51155-01	tk 51155-02	tk 51155-03	tk 51155-04	tk 51155-05	
x = 120 mm – 4 ³ / ₄ "	tk 51158-01	tk 51158-02	tk 51158-03	tk 51158-04		
x = 120 mm – 4 ³ / ₄ "	tk 51159-01	tk 51159-02	tk 51159-03			
	Fig. 1	Fig. 2	Fig. 3	Fig. 4	Fig. 5	
	a = 3.0 mm	a = 3.5 mm	a = 4.5 mm	a = 5.0 mm	a = 5.5 mm	
x = 180 mm – 7"	tk 51160-01	tk 51160-02	tk 51160-03	tk 51160-04	tk 51160-05	
x = 180 mm – 7"	tk 51161-01	tk 51161-02	tk 51161-03	tk 51161-04		



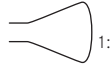
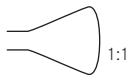


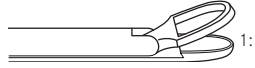

HARTMANN		 1:1	 1:1	 1:1	 1:1
	Fig. 1	Fig. 2	Fig. 3	Fig. 4	
x = 120 mm – 4 ³ / ₄ "	tk 51165-01	tk 51165-02	tk 51165-03	tk 51165-04	

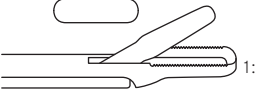
MYLES		 1:1	 1:1	 1:1
	Fig. 1	Fig. 2	Fig. 3	
	2.0 x 10.0 mm	2.5 x 12.0 mm	3.0 x 14.0 mm	
x = 120 mm – 4 ³ / ₄ "	tk 51162-01	tk 51162-02	tk 51162-03	

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






			
SCHMEDEN	1:1	1:1	1:1
x = 120 mm – 4 ³ / ₄ "	tk 51171-11	tk 51171-12	tk 51171-13

	
TOMATI	STRUYCKEN
x = 120 mm – 4 ³ / ₄ "	0.9 mm 1.2 mm
tk 51173-12	tk 51174-01 tk 51174-02


HENKE
x = 120 mm – 4 ³ / ₄ "
tk 51176-01

Nasenschere | Ciseaux nasales
 Nasal scissors | Tijera nasal
 Forbice nasale



		
Fig. 1	Fig. 2	Fig. 3
x = 135 mm	tk 51700-01	tk 51700-02
tk 51700-01	tk 51700-02	tk 51700-03

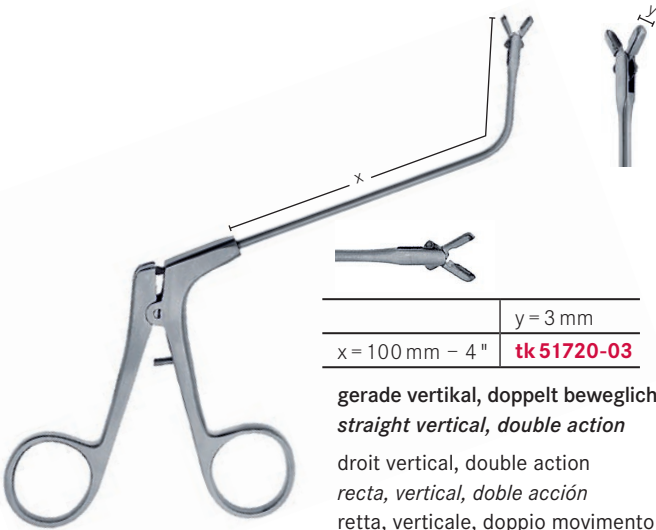
gezahnt, gerade
 serrated, straight
 droit, dentelés
 dentada, recta
 dentata, retta

gezahnt, rechts
 serrated, right
 dentelés, droites
 dentada, derecha
 dentata, destra

gezahnt, links
 serrated, left
 dentelés, gauche
 dentada, izquierda
 dentata, sinistra

Scharfe Nasenzangen
Nasal cutting forceps

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



	y = 3 mm
x = 100 mm – 4"	tk 51720-03

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



	y = 3 mm
x = 100 mm – 4"	tk 51722-03

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



	y = 3 mm
x = 100 mm – 4"	tk 51723-03

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



	y = 3 mm
x = 100 mm – 4"	tk 51724-03

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



	y = 3 mm
x = 100 mm – 4"	tk 51727-03

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



	y = 3 mm
x = 100 mm – 4"	tk 51726-03

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



	y = 3 mm
x = 100 mm – 4"	tk 51730-03

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



	y = 3 mm
x = 100 mm – 4"	tk 51732-03

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



	y = 3 mm
x = 100 mm – 4"	tk 51740-03

110° hor., doppelt beweglich
110° hor., double action
110° hor., double action
110° hor., doble acción
110° oriz., doppio movimento

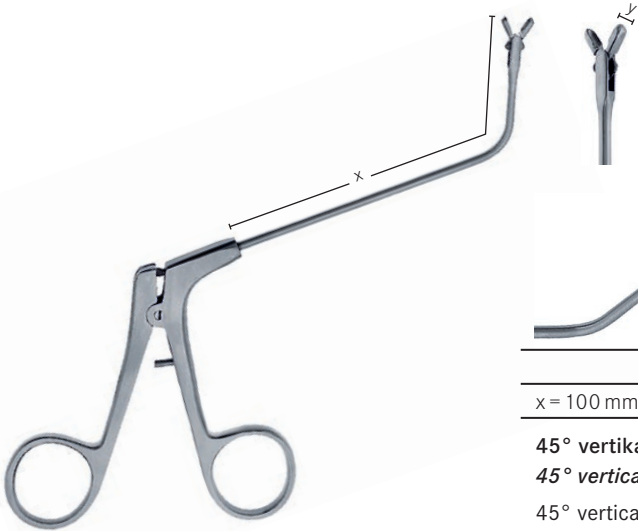
	y = 3 mm
x = 100 mm – 4"	tk 51731-03

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

	y = 3 mm
x = 100 mm – 4"	tk 51734-03

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

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



	y = 4 mm
x = 100 mm - 4"	tk 51725-04

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



	y = 4 mm
x = 100 mm - 4"	tk 51728-04

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

	y = 4 mm
x = 100 mm - 4"	tk 51726-04

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



tk 51730-04	x = 100 mm - 4"
	y = 4 mm

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



tk 51733-04	x = 100 mm - 4"
	y = 4 mm

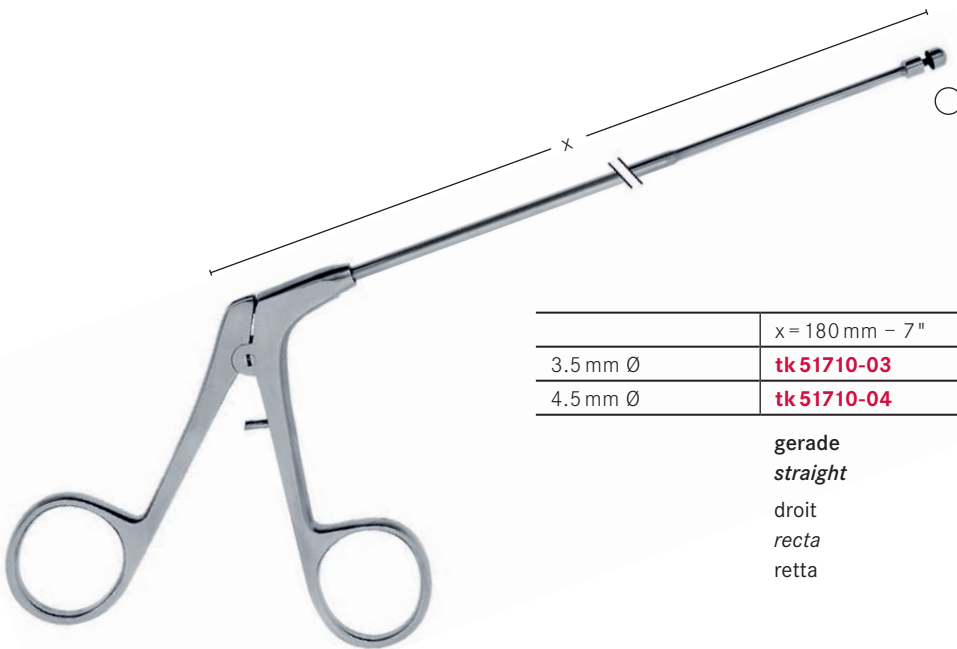
70° hor., doppelt beweglich, kurz
 70° hor., double action, short
 70° hor., double action, court
 70° hor., acción doble, corto
 70° oriz., movimento, corta

tk 51731-04	x = 100 mm - 4"
	y = 4 mm

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

Zirkular Stanze
Circular forceps

Pince circulaire
Pinza circular
Pinza a taglio circolare



	x = 180 mm – 7"	x = 180 mm – 7"
3.5 mm Ø	tk 51710-03	tk 51711-03
4.5 mm Ø	tk 51710-04	tk 51711-04

gerade
straight

droit
recta
retta

aufgebogen
curved upwards

coudé en haut
curvada arriba
curvata in alto

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







x = 100 mm	Fig. 1	Fig. 2	Fig. 3
1.5 mm x 4.5 mm	tk 51175-01	tk 51175-02	tk 51175-03
	rückwärts nach oben schneidend <i>backward, up-cutting</i> retrograde coupe en haut <i>retrograda corte arriba</i> retrograda tagliente in alto	rückwärts nach rechts schneidend <i>backward, cut to the right</i> retrograde coupe à droite <i>retrograda corte a la derecha</i> retrograda tagliente a destra	rückwärts nach links schneidend <i>backward, cut to the left</i> retrograde coupe à gauche <i>retrograda corte a la izquierda</i> retrograda tagliente a sinistra

Keilbeinstanzen
Punches sphenoid bone

Pinces pour le sinus sphénoïdal
Pinzas para esfenoïdes
Pinze sfenoïdali taglienti



 1:1 HAJEK	 1:1 HAJEK-KOFLER
x = 140 mm – 5½"	x = 140 mm – 5½"
4 mm x 4 mm	3.5 mm x 3.5 mm
tk 51194-13	tk 51196-12

 1:1 HAJEK	 1:1 HAJEK-KOFLER
x = 140 mm – 5½"	x = 140 mm – 5½"
4 mm x 4 mm	3.5 mm x 3.5 mm
tk 51195-13	tk 51197-12



HAJEK-KOFLER	
	3.5 mm
x = 180 mm – 7"	tk 51198-04

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

Keilbeinstanzen
Punches sphenoid bone

Pinces pour sinus sphénoïdal
Pinzas para esfenoides
Pinze sfenoidali taglienti



HAJEK-CLAUS

200 mm – 8"

tk 51245-20



KERRISON

x = 90 mm – 3 1/2"

200 mm – 8"



1:1



1:1



1:1

4 mm x 4 mm	5 mm x 5 mm	6 mm x 6 mm
tk 51251-01	tk 51251-02	tk 51251-03

Nasenpolypenschnürer
Nasal polypus snares

Serre noeuds pour polypes
Polipótomos nasales
Serranodi nasali



0.3 mm Ø x 100 mm **tk 50320-30**

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



KRAUSE

260 mm – 10¹/₄" **tk 50323-26**



KRAUSE-VOSS

260 mm – 10¹/₄" **tk 50325-26**

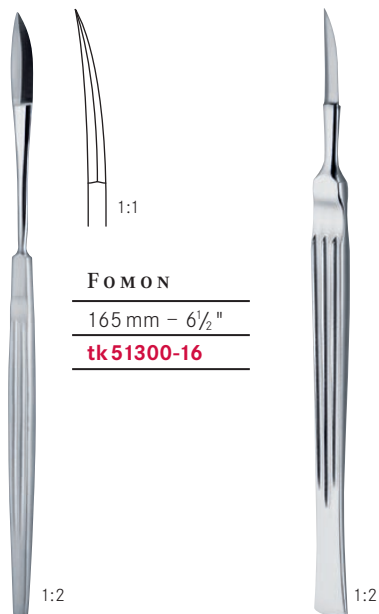
mit 2 Aufsätzen
with 2 inserts
avec 2 guide-anses
con 2 guías
con 2 guide ansa



LANGE-WILDE

240 mm – 9¹/₂" **tk 50328-24**

Nasenmesser | Bistouris pour nez
 Nasal knives | Cuchillos nasales
 Bisturi per naso



FOMON

165 mm – 6½"

tk 51300-16

JOSEPH	Fig. 1	Fig. 2	Fig. 1	Fig. 2
160 mm – 6¼"	tk 51302-01	tk 51302-02	tk 51303-01	tk 51303-02
scharf/spitz sharp/sharp	gerade straight		gebogen curved	
tranchant/pointu cortante/agudo acuto	droit recta retto		courbe curva curvo	



JOSEPH

140 mm – 5½"

tk 51306-15



COTTLE

150 mm – 6"

tk 51308-15



JOSEPH

175 mm – 7"

tk 51335-03



BRUENINGS

165 mm – 6½"

tk 51310-00

tk 51310-01

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

Nasenmesser
Nasal knives

Bistouris pour nez
Cuchillos nasales
Bisturi per naso



FREER
190 mm – 6½" **tk 51350-01** **tk 51350-02**



CONVERSE
160 mm – 6¼" **tk 51355-01**



FREER
150 mm – 6" **tk 51342-12**



FREER
150 mm – 6" **tk 51344-15**



FREER
150 mm – 6" **tk 51346-15**

Tonsillennmesser | Couteaux à tonsils
Tonsil knives | *Bisturis para amigdales*
 Bisturi per tonsille



FREER
 210 mm – 8 ¼" | **tk 51361-01** | **tk 51361-02**



200 mm – 8"
tk 51330-11
Sichelmesser
Sickle knife
 Couteau à faucille
Cuchillo falciforme
 Coltello a forma di falce



BRUENINGS
 230 mm – 9"
tk 51315-23



ABRAHAM
 220 mm – 8 ¾"
tk 51317-22



FISCHER
 230 mm – 9"
tk 51323-23



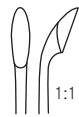
200 mm – 8"
tk 51329-20
 scharf
sharp
 tranchant
cortante
 acuto

Antrumküretten
Antrum curettes

Curettes d'antrum
Curetas para el antrum
Curette per antrum



200 mm – 8"
tk 50621-04



200 mm – 8"
tk 50621-05



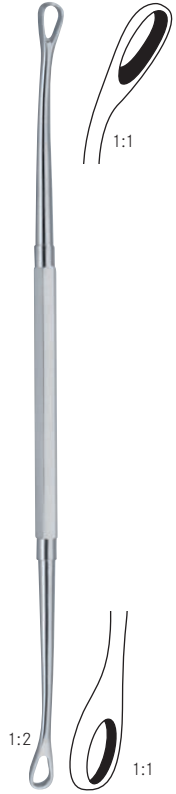
200 mm – 8"
7 mm x 11 mm
tk 50621-01



PRATT
210 mm – 8 1/4"
tk 50621-22



FAULKNER
210 mm – 8 1/4"
tk 51364-21



COAKLEY
200 mm – 8"
tk 51368-12



1:2

COAKLEY

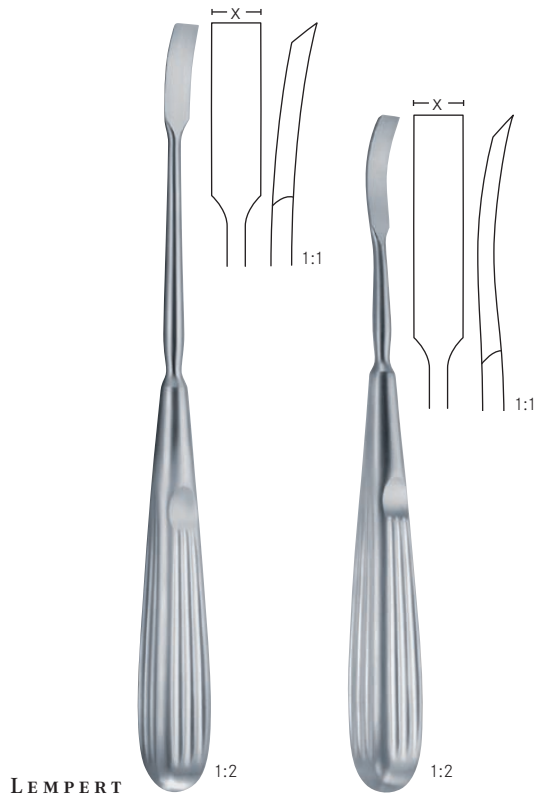


	Fig. 1	Fig. 2	Fig. 3	Fig. 4	Fig. 5	Fig. 6
170 mm – 6 3/4"	tk 51366-01	tk 51366-02	tk 51366-03	tk 51366-04	tk 51366-05	tk 51366-06
tk 51366-00	x	x	x	x	x	x

Satz
Set
Jeu
Juego
Serie

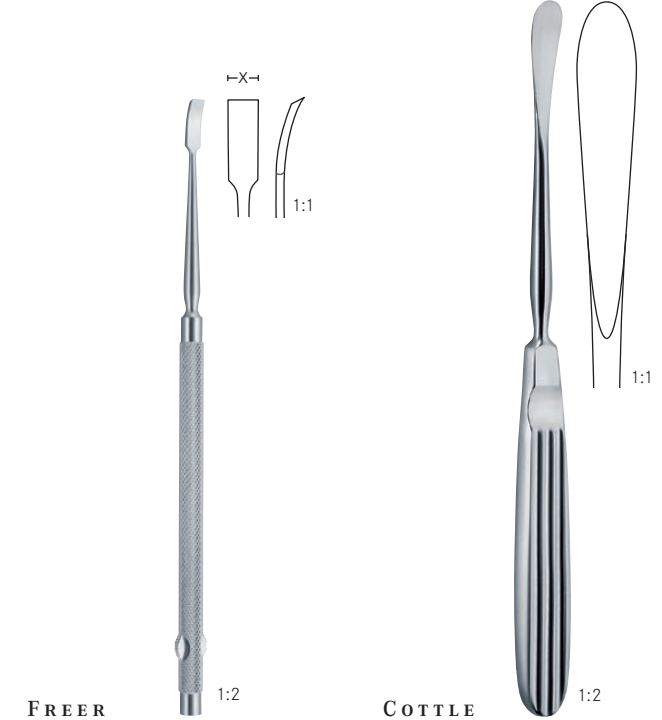
Septumlevatorien – Raspatorien
Septum elevators – raspatories

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



LEMPERT

	205 mm – 8"	180 mm – 7"
x = 6 mm	tk 50787-20	tk 50789-17



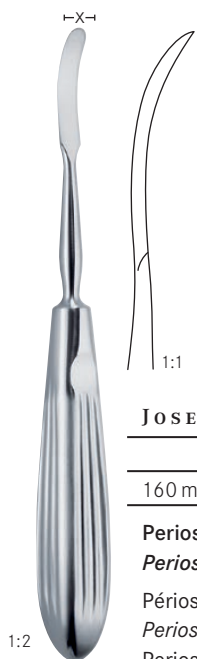
FREER

	x = 4 mm
160 mm – 6¼"	tk 50770-16

COTTLE

	x = 8 mm
190 mm – 7½"	tk 51607-19

scharf
 sharp
 tranchant
 cortante
 acuta



JOSEPH

	x = 5 mm
160 mm – 6¼"	tk 51613-16

Periost Elevatorien
Periostal elevators
 Périostotome
Periostotomo
 Periostotomo



SEWALL

200 mm – 8"	tk 51610-20
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Antrum Elevatorium
Antrum elevator
 Elévateur pour le fosse nasale
Elevador para el antro
 Elevatore per antro

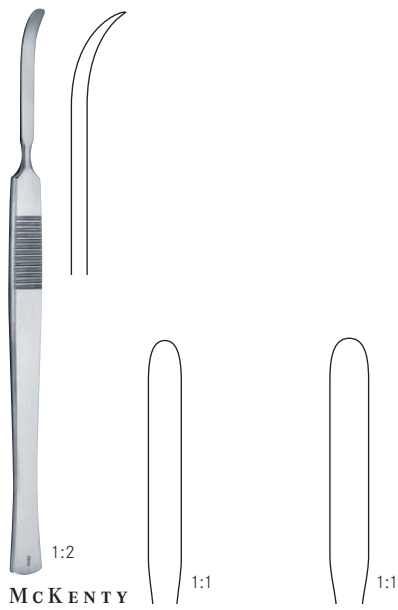


HALLE

160 mm – 6¼"	tk 51617-16
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Septumlevatorien – Raspatorien
Septum elevators – raspatories

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



MCKENTY	4 mm	5 mm
150 mm – 6"	tk 51619-04	tk 51619-05

scharf
sharp
tranchant
cortante
acuta



COTTLE	x = 5 mm
235 mm – 9 1/4"	tk 51620-23

scharf
sharp
tranchant
cortante
acuta



MCKENTY	x = 4 mm
205 mm – 8"	tk 51621-22

scharf
sharp
tranchant
cortante
acuta

Septumlevatorien – Raspatorien
Septum elevators – raspatories

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



KILLIAN

x = 4 mm

180 mm – 7"

tk 51622-18

scharf/stumpf
sharp/blunt

tranchant/mousse
cortante/romo
 acuta/smussa



KILLIAN

x = 4.5 mm

230 mm – 9"

tk 51623-22

scharf/stumpf
sharp/blunt

tranchant/mousse
cortante/romo
 acuta/smussa



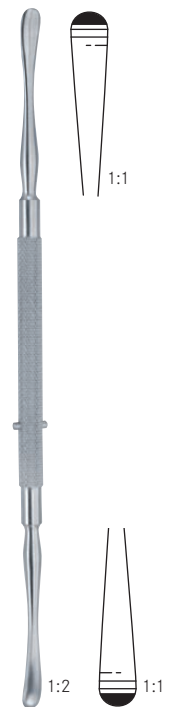
FREER

190 mm – 7½"

tk 51625-19

stumpf
blunt

mousse
romo
 smussa



FREER

180 mm – 7"

tk 51627-18

scharf/stumpf
sharp/blunt

tranchant/mousse
cortante/romo
 acuta/smussa

Septumlevatorien – Raspatorien
Septum elevators – raspatories

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



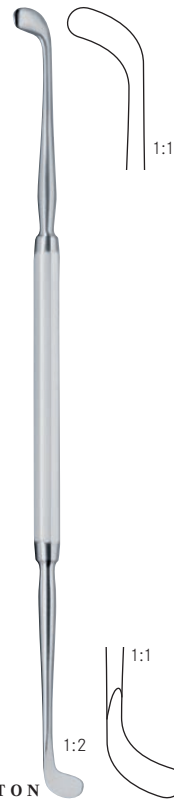
FREER

205 mm – 8"

tk 51631-20

scharf/stumpf
sharp/blunt

tranchant/mousse
cortante/romo
acuta/smussa



PENNINGTON

215 mm – 8½"

tk 51629-21

stumpf
blunt

mousse
romo
smussa



JOSEPH-MASING

215 mm – 8½"

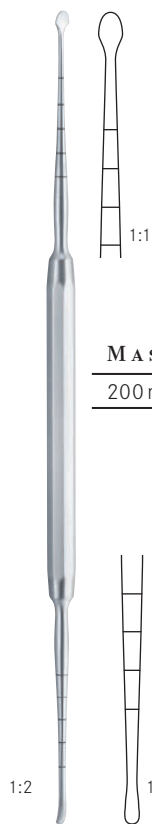
tk 51634-22

scharf
sharp

tranchant
cortante
acuta

Periostelevatorien
Periosteal elevators

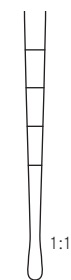
Elevateurs pour la périoste
Legras para periostio
Elevatori per il periosto



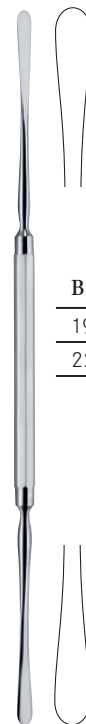
MASING

200 mm – 8"	tk 51636-21
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1:2



1:1



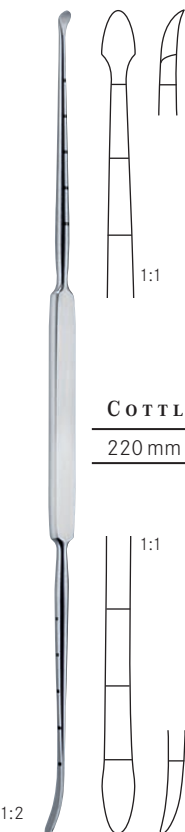
BALLENGER-HAJEK

190 mm – 7 1/4"	tk 51637-19
220 mm – 8 3/4"	tk 51637-22

1:2



1:1



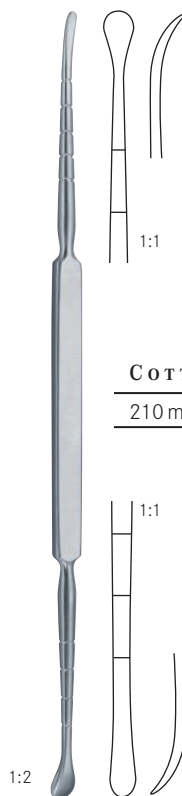
COTTLE

220 mm – 8 3/4"	tk 51643-22
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1:2



1:1



COTTLE

210 mm – 8 1/4"	tk 51644-21
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1:2



1:1

Septumelevatorien
Septum elevators

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



1:2

BOIES

190 mm – 7½" **tk 51650-18**

Nasenfraktur Elevatorium, stumpf
Nasal fracture elevator, blunt

Elévateur pour fractures nasales, mousse
Elevador para fracturas nasales, romas
Elevatore per fratture nasalì, smussa



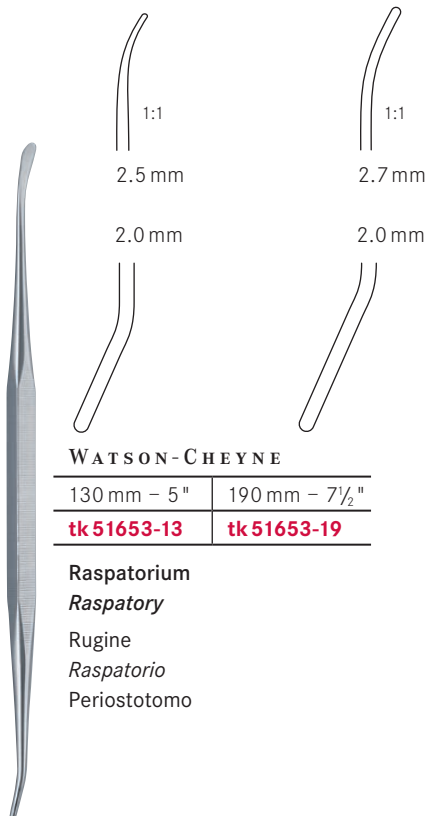
1:2

GOLDMAN

170 mm – 6¾" **tk 51651-17**

Septumfraktur Elevatorium
Septum displacer

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



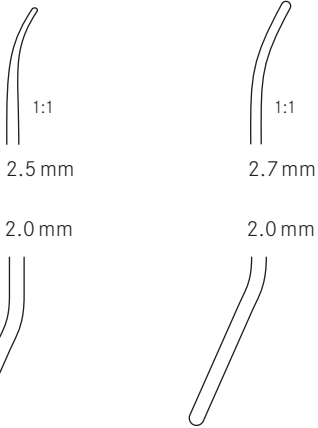
WATSON-CHEYNE

130 mm – 5" 190 mm – 7½"

tk 51653-13 **tk 51653-19**

Raspatorium
Raspatory

Rugine
Raspatorio
Periostotomo



Nasensägen | Scies nasales
Nasal saws | Sierras nasales
 Seghe nasali



JOSEPH

190 mm – 7½"	190 mm – 7½"
tk 51661-01	tk 51661-02



JOSEPH

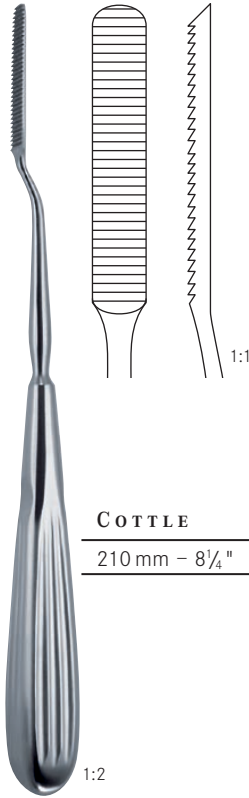
190 mm – 7½"
tk 51661-03



JOSEPH

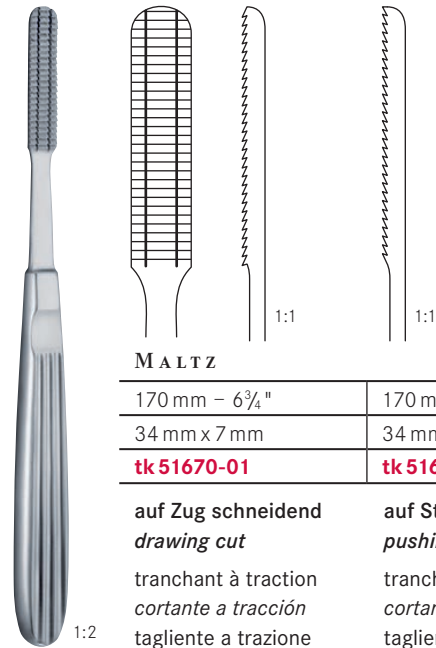
170 mm – 6¾"	170 mm – 6¾"
tk 51655-20	tk 51657-20

Nasenraspeln | Râpes nasales
Nasal rasps | *Limas nasales*
 Raspe nasali



COTTLE

210 mm – 8¼"	tk 51665-21
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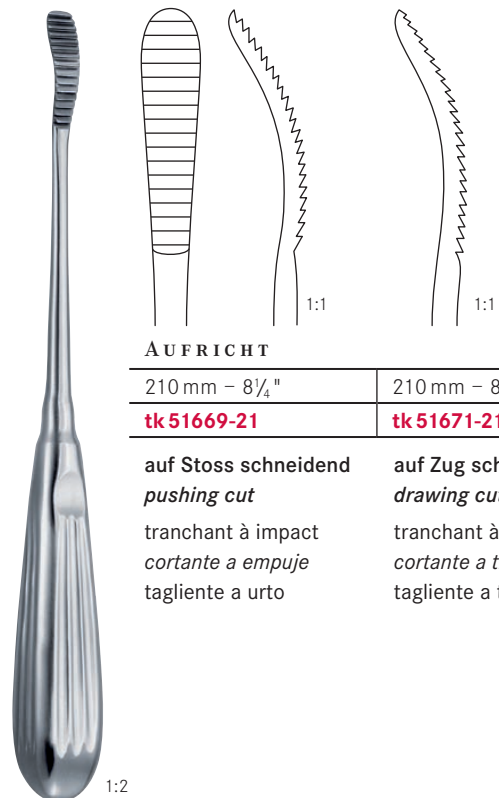


MALTZ

170 mm – 6¾"	170 mm – 6¾"
34 mm x 7 mm	34 mm x 7 mm
tk 51670-01	tk 51670-02

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

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



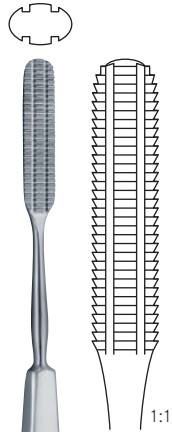
AUFRICHT

210 mm – 8¼"	210 mm – 8¼"
tk 51669-21	tk 51671-21

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

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

Nasenraspeln | Râpes nasales
 Nasal rasps | Limas nasales
 Raspe nasali



MALTZ

	40 mm x 9 mm
175 mm – 7"	tk 51663-18

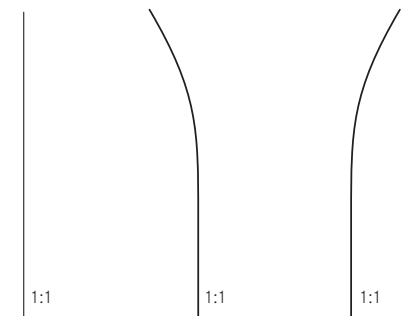


WIENER

	Ø 3.5 mm	Ø 3.5 mm
180 mm – 7"	tk 51675-18	tk 51677-18

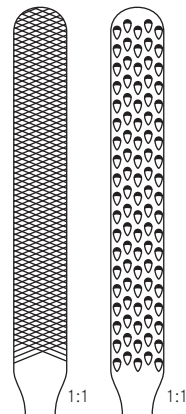
Antrum Raspeln
 Antrum rasps

Râpes pour le fosse nasale
 Limas para el antrum
 Raspe per antrum



GALLAHER

160 mm – 6¼"	160 mm – 6¼"	160 mm – 6¼"
tk 51683-01	tk 51683-02	tk 51683-03



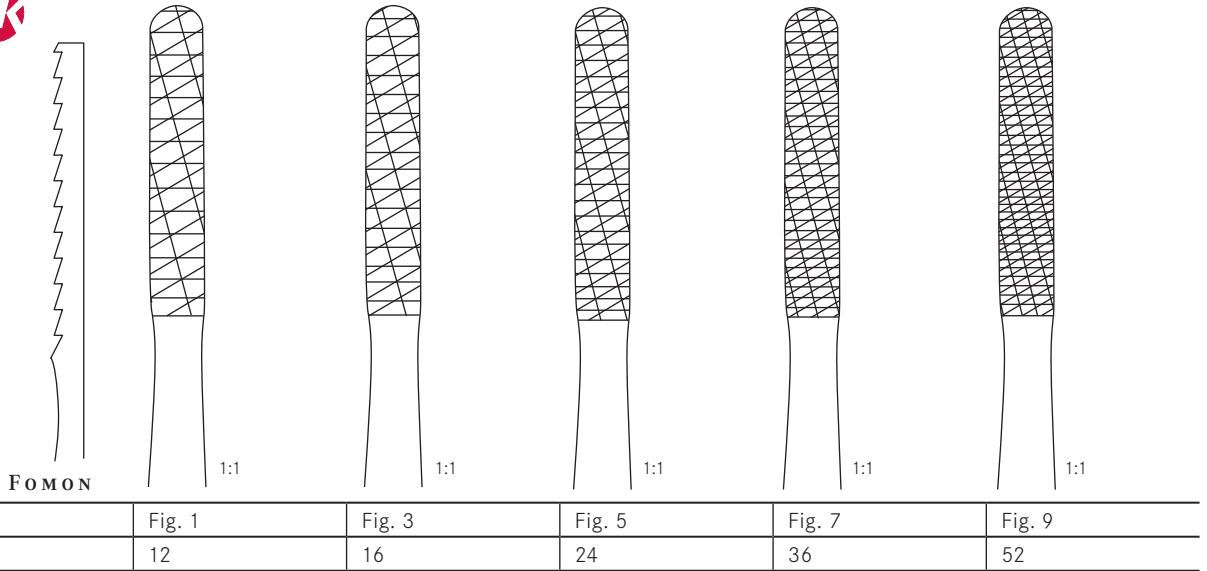
FOMON

210 mm – 8¼"
tk 51685-21

Raspeln mit Hartmetall
Rasps with tungsten carbide

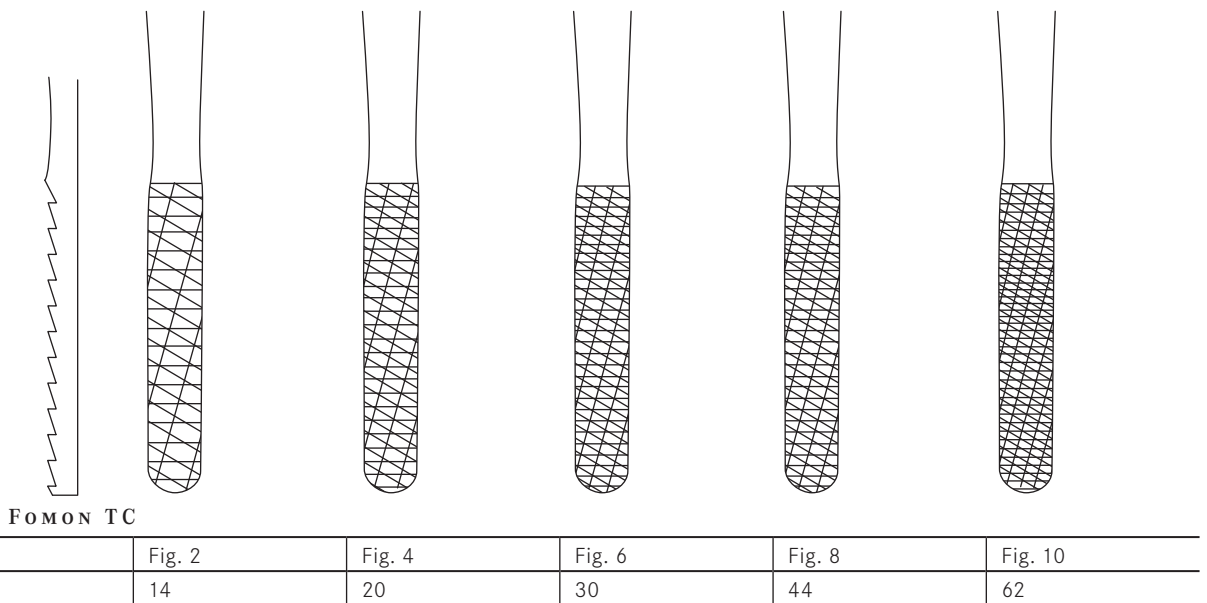
Râpes avec inserts de carbure de tungstène
Limas con carburo de tungsteno
Raspe con tungsteno

TUCAR



Zähne
Teeth
Dentes
Dientes
Denti

200 mm – 8"	tk 51686-01 tucar	tk 51686-03 tucar	tk 51686-05 tucar	tk 51686-07 tucar	tk 51686-09 tucar
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Zähne
Teeth
Dentes
Dientes
Denti

1:1

Septuminstrumente
Septum instruments

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



1:2

BRUENINGS-BRUNK

190 mm – 7½" **tk 16955-19**

Kieferhöhlenhaken, gezahnt
Antrum retractor, serrated

Ecarteur pour sinus maxillaire, dentelé
Separador para sinus, dentado
Retrattore mascellare, dentato



1:2

RITTER-HALLE

160 mm – 6¼"

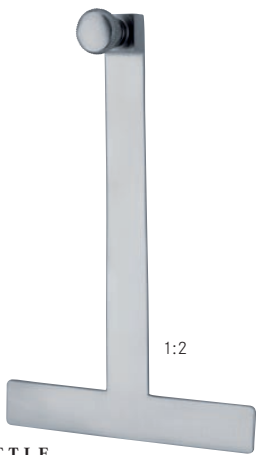
2.5 mm Ø **tk 6376-25**

3.0 mm Ø **tk 6376-30**

4.0 mm Ø **tk 6376-40**

Stirnhöhlen-Dilatatoren
Frontal sinus bougies

Dilatateurs pour le sinus frontal
Dilatadores para el sinus frontal
Dilatatore per il seno frontale



1:2

COTTLE

120 mm – 4¾" **tk 51647-01**

Griff
Handle
Manche
Mango
Manico



1:2

COTTLE

7 mm **tk 51647-02**

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



1:2

COTTLE

65 mm x 30 mm x 30 mm

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

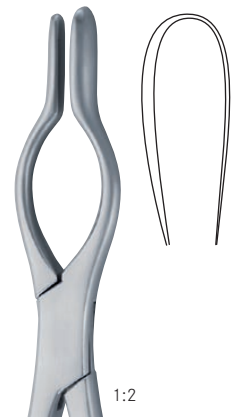
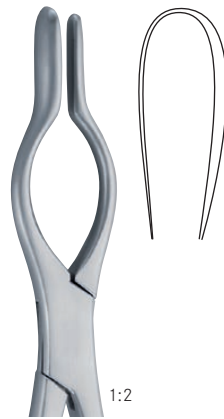


1:2

tk 51648-00

Septumzangen
Septum forceps

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



COTTLE-WALSHAM

230 mm – 9"

tk 51695-01

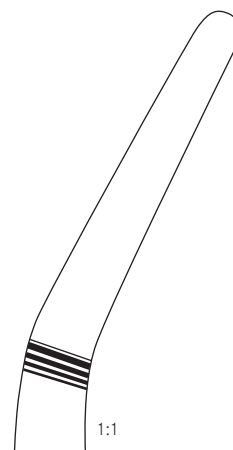
tk 51695-02

tk 51695-03

gerade
straight
droit
recta
rette

links
left
à gauche
izquierda
a sinistra

rechts
right
à droite
derecha
a destra



ASCH

230 mm – 9"

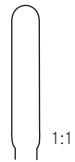
tk 51697-23

Septumzangen
Septum forceps

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



1:2



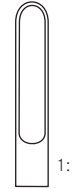
1:1

MIDDLETON-JANSEN

190 mm – 7½" tk51180-19



1:2



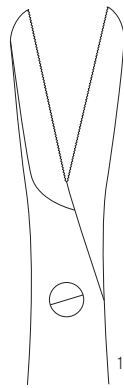
1:1

MIDDLETON-JANSEN

190 mm – 7½" tk51182-19



1:2



1:1

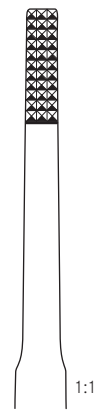
CAPLAN

200 mm – 8" tk51184-20

gezahnt
toothed
dentelée
dentado
dentato



1:2



1:1

RUBIN

210 mm – 8¼" tk51188-21



tk51188-01

Schutzkappe
Protection Cap

Capuchon protecteur
Caperuza protectora
Calotta protettiva

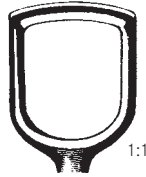
Ringmesser
Adenoid curettes

Couteaux à végétations adénoïdes
Cuchillos para vegetaciones adenoides
Adenotomi



**ST. CLAIR-
THOMSON**

210 mm – 8 ¼"



1:1

tk 51405-01



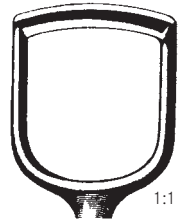
1:1

tk 51405-02



1:1

tk 51405-03



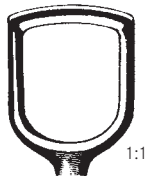
1:1

tk 51405-04



BARNHILL

220 mm – 8 ¾"



1:1

tk 51415-01



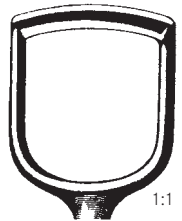
1:1

tk 51415-02



1:1

tk 51415-03



1:1

tk 51415-04

Ringmesser
Adenoid curettes

Couteaux à végétations adénoïdes
Cuchillos para vegetaciones adenoides
Adenotomi



BECKMANN

220 mm – 8 3/4" "

tk 51412-01

tk 51412-02

tk 51412-03

gerade
straight

droit
recto
rette

220 mm – 8 3/4" "

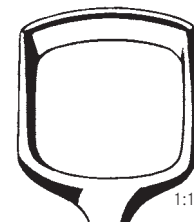
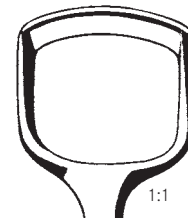
tk 51413-01

tk 51413-02

tk 51413-03

gebogen
curved

courbe
curvo
curve



220 mm – 8 3/4" "

tk 51412-04

tk 51412-05

tk 51412-06

gerade
straight

droit
recto
rette

220 mm – 8 3/4" "

tk 51413-04

tk 51413-05

tk 51413-06

gebogen
curved

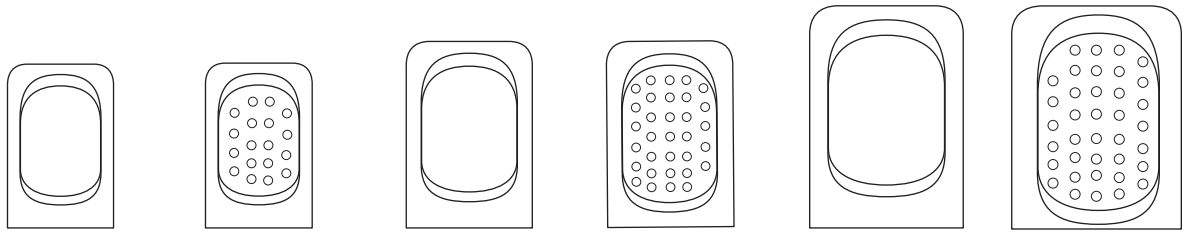
courbe
curvo
curve

Ringmesser
Adenoid currettes

Couteaux à végétations adénoïdes
Cuchillos para vegetaciones adenoides
Adenotomi



1:2



LA FORCE

Fig. 1		Fig. 2		Fig. 3	
250 mm – 7"		250 mm – 7"		250 mm – 7"	
tk 51511-01	tk 51513-01	tk 51511-02	tk 51513-02	tk 51511-03	tk 51513-03

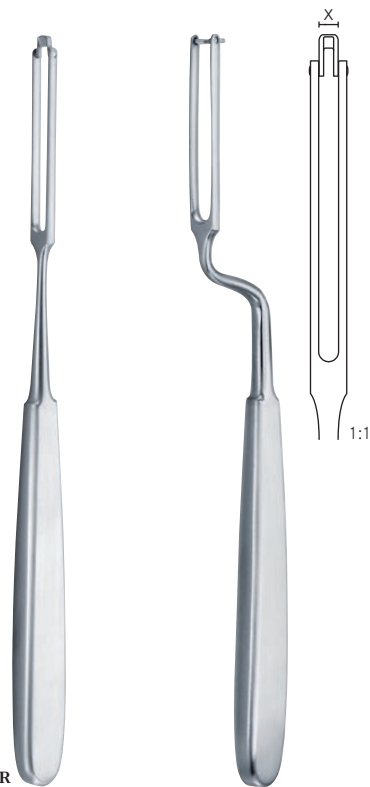
tk 51521-01	tk 51522-01	tk 51521-02	tk 51522-02	tk 51521-03	tk 51522-03
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Ersatzklingen
Spare blades

Lames de rechange
Hojas de cambio
Lame di ricambio

Ringmesser
Adenoid curettes

Couteaux à végétations adénoïdes
Cuchillos para vegetaciones adenoides
Adenotomi



BALLENGER

	200 mm – 8"	200 mm – 8"
x = 3 mm	tk 51410-03	tk 51411-03
x = 4 mm	tk 51410-04	tk 51411-04
x = 5 mm	tk 51410-05	tk 51411-05

gerade
straight

droit
recto
rette

bajonett
bayonet

baionette
bayoneta
baionetta

Pulverbläser
Atomizers

Pulvérisateurs
Pulverizadores
Insoffiatori



KABIERSKE

tk 50920-00	tk 50920-01	tk 50920-50
Pulverbläser, komplett <i>Atomizer, complete</i>	Ersatzflasche, 30 ccm <i>Spare bottle, 30 ccm</i>	Ventilball <i>Valve rubber bulb</i>
Pulvérisateur, complet <i>Pulverizador, completo</i>	Flacon de rechange, 30 ccm <i>Frasco suelto, 30 ccm</i>	Poire en caoutchouc avec valve <i>Pera de goma con valva</i>
Insoffiatore, completo	Bottiglia di ricambio, 30 ccm	Pallone in gomma con valva

KABIERSKE

80 mm – 3¼"	tk 50920-08	
110 mm – 4¼"	tk 50920-11	
130 mm – 5"		tk 50920-13
Kanüle gerade <i>Cannula, straight</i>	Kanüle gebogen <i>Cannula curved</i>	
Canule droit <i>Cánula recta</i>	Canule courbe <i>Cánula curva</i>	
Cannula retta	Cannula curva	



UNIVERSAL

tk 50924-00
Pulverbläser, komplett mit beweglicher Düse, Flasche 30 ccm <i>Atomizer, complete with movable tube, bottle 30 ccm</i>
Pulvérisateur, complet avec tuyère mobile, flacon 30 ccm <i>Pulverizador, completo con tubo móvil, botella 30 ccm</i>
Insoffiatore, completo con ugello mobile, bottiglia 30 ccm

Pulverbläser
Atomizers

Pulvérisateurs
Pulverizadores
Insoffiatori



1:2

POLITZER

tk 50930-00

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



15 mm Ø

tk 50930-15

Nasenoliven
Nasal olives

Olives nasales
Olivas nasales
Olive nasali



17 mm Ø

tk 50930-17



22 mm Ø

tk 50930-22



4 mm Ø

tk 50930-04

Ohrlive
Ear olive

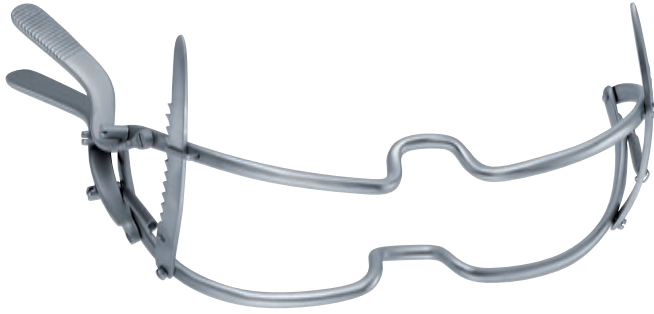
Olive auriculaire
Oliva auricular
Oliva auricolare

tk 50930-50

Gummibirne mit Einsteckkonus
Rubber bulb with connecting nozzle

Poire en caoutchouc avec embout de raccordement
Pera de goma con cono de conexión
Pera in gomma con cono di connessione

Mundsperrer | Ouvre-bouches
Mouth gags | Abrebocas
Apribocca



WHITEHEAD

110 mm – 4 1/4"	tk 52031-11
130 mm – 5"	tk 52031-13
150 mm – 6"	tk 52031-15



JENNINGS

90 mm – 3 1/2"	tk 52041-09
110 mm – 4 1/4"	tk 52041-11
130 mm – 5"	tk 52041-13
150 mm – 6"	tk 52041-15



MAUNDER

	4 mm Ø
100 mm – 4"	tk 52300-00

Holz
Wood
Bois
Madera
Legno

1:2



HEISTER

130 mm – 5"	tk 52110-13
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1:2

Mundsperrer | Ouvre-bouches
 Mouth gags | Abrebocas
 | Apribocca



MOLT
 110 mm – 4¼" **tk 52131-11**

Für Kinder
 For children
 Pour enfants
 Para niños
 Per bambini

1:2



MOLT
 140 mm – 5½" **tk 52131-14**

Für Erwachsene
 For adults
 Pour adultes
 Para adultos
 Per adulti

1:2



DENHART
 120 mm – 4¾" **tk 52141-12**

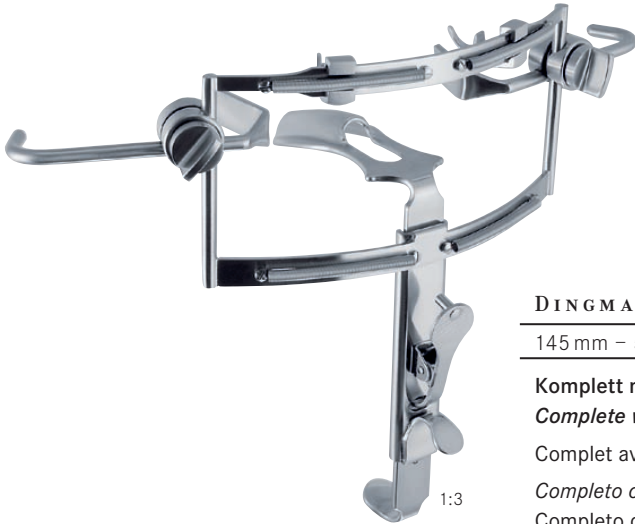


FERGUSON-ACKLAND
 145 mm – 5¾" **tk 52142-14**



ROSER-KÖNIG
 160 mm – 6¼" **tk 52149-16**
 190 mm – 7½" **tk 52149-19**

Mundsperrer | Ouvre-bouches
Mouth gags | Abrebocas
Apribocca



DINGMANN

145 mm – 5³/₄" | **tk 52240-00**

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

Complet avec cadre, 3 abaisse-langues et 2 valves latérales réglables

Completo con bastidor, 3 bajalenguas y 2 valvas laterales ajustables

Completo con telaio, 3 abassalingua e 2 valve laterali movibili



55 x 25 mm
tk 52240-01



60 x 27 mm
tk 52240-02



70 x 30 mm
tk 52240-03

Mundsperrer | Ouvre-bouches
 Mouth gags | Abrebocas
 Apribocca



KILNER-DOUGHTY

	Fig. 1	Fig. 2	Fig. 3	
	28 mm x 65 mm	32 mm x 75 mm	37 mm x 80 mm	
	tk 52250-01	tk 52250-02	tk 52250-03	tk 52250-10

Griff
 Handle
 Manche
 Mango
 Manico

tk 52250-00	x	x	x	x
--------------------	---	---	---	---

komplett
 complete
 compl
 completa
 completa

Mundsperrer | Ouvre-bouches
Mouth gags | Abrebocas
| Apribocca



NEGUS	Fig. 1	Fig. 2	Fig. 3	
	20 mm x 70 mm	30 mm x 80 mm	33 mm x 95 mm	
	tk 52260-01	tk 52260-02	tk 52260-03	tk 52260-10

Griff
Handle
Manche
Mango
Manico

tk 52260-00	x	x	x	x
--------------------	---	---	---	---

komplett
complete
compl
completa
completa

Mundsperrer | Ouvre-bouches
 Mouth gags | Abrebocas
 | Apribocca



DAVIS-BOYLE

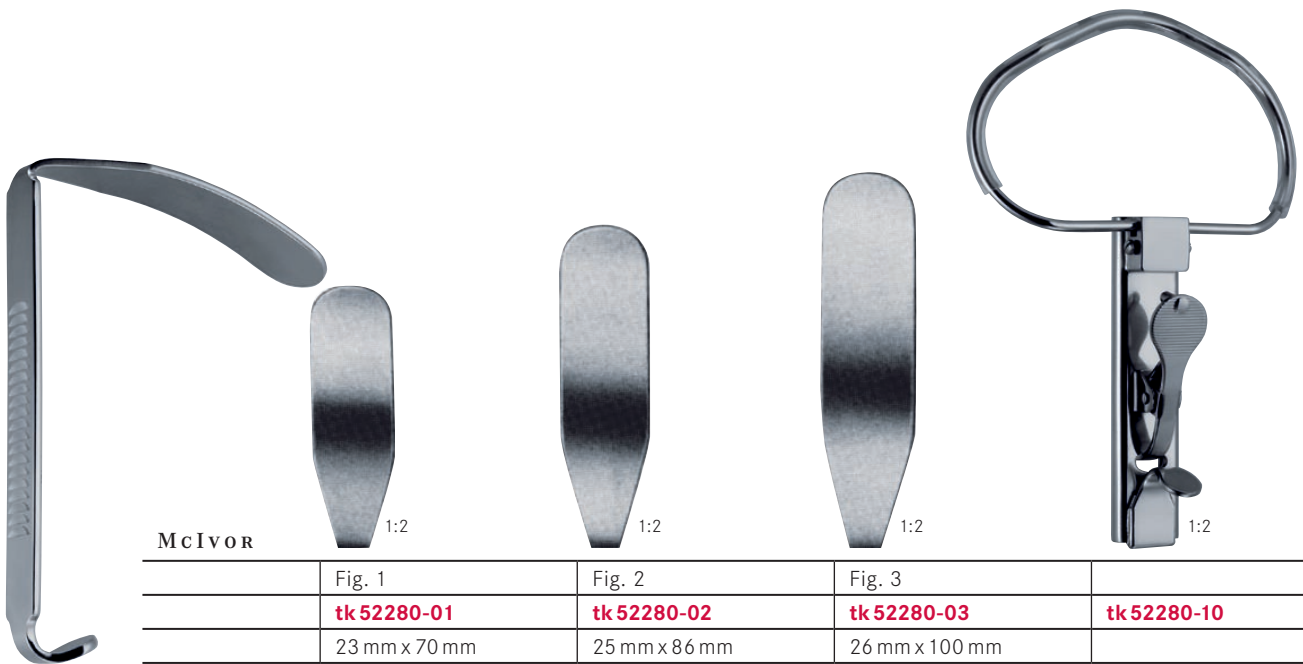
	Fig. 1	Fig. 2	Fig. 3	Fig. 4	Fig. 5	
	tk 52270-01	tk 52270-02	tk 52270-03	tk 52270-04	tk 52270-05	tk 52270-10
	21 mm x 26 mm	23 mm x 65 mm	24 mm x 80 mm	25 mm x 93 mm	26 mm x 108 mm	

Griff
 Handle
 Manche
 Mango
 Manico

tk 52270-00	x	x	x	x	x	
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komplett
 complete
 complet
 completa
 completa

Mundsperrer | Ouvre-bouches
Mouth gags | Abrebocas
| Apribocca



MCIVOR	1:2	1:2	1:2	1:2
	Fig. 1	Fig. 2	Fig. 3	
	tk 52280-01	tk 52280-02	tk 52280-03	tk 52280-10
	23 mm x 70 mm	25 mm x 86 mm	26 mm x 100 mm	

Griff
Handle
Manche
Mango
Manico

tk 52280-00	x	x	x	x
--------------------	---	---	---	---

komplett
complete
complet
completa
completa

Kehlkopfspiegel | Miroirs laryngiens
Laryngeal mirrors | Espejos laringeos
 Specchi laringei

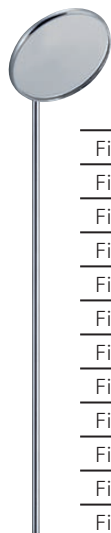


Fig. 00	8 mm Ø	tk 53515-08
Fig. 0	10 mm Ø	tk 53515-10
Fig. 1	12 mm Ø	tk 53515-12
Fig. 2	14 mm Ø	tk 53515-14
Fig. 3	16 mm Ø	tk 53515-16
Fig. 4	18 mm Ø	tk 53515-18
Fig. 5	20 mm Ø	tk 53515-20
Fig. 6	22 mm Ø	tk 53515-22
Fig. 7	24 mm Ø	tk 53515-24
Fig. 8	26 mm Ø	tk 53515-26
Fig. 9	28 mm Ø	tk 53515-28
Fig. 10	30 mm Ø	tk 53515-30



100 mm – 4"
tk 53504-10

1:2

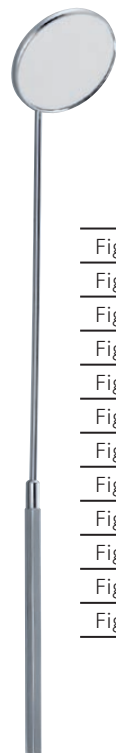


Fig. 00	8 mm Ø	tk 53525-08
Fig. 0	10 mm Ø	tk 53525-10
Fig. 1	12 mm Ø	tk 53525-12
Fig. 2	14 mm Ø	tk 53525-14
Fig. 3	16 mm Ø	tk 53525-16
Fig. 4	18 mm Ø	tk 53525-18
Fig. 5	20 mm Ø	tk 53525-20
Fig. 6	22 mm Ø	tk 53525-22
Fig. 7	24 mm Ø	tk 53525-24
Fig. 8	26 mm Ø	tk 53525-26
Fig. 9	28 mm Ø	tk 53525-28
Fig. 10	30 mm Ø	tk 53525-30



MICHEL

	250 mm – 9¾"
10 mm Ø	tk 53541-10
12 mm Ø	tk 53541-12
14 mm Ø	tk 53541-14
16 mm Ø	tk 53541-16
18 mm Ø	tk 53541-18

Spiegel beweglich
moveable mirror
 miroir mobile
 espejo movable
 specchio mobile

Kehlkopfinstrumente
Laryngeal instruments

Instruments laryngiens
Instrumentos laringeos
Strumenti laringei

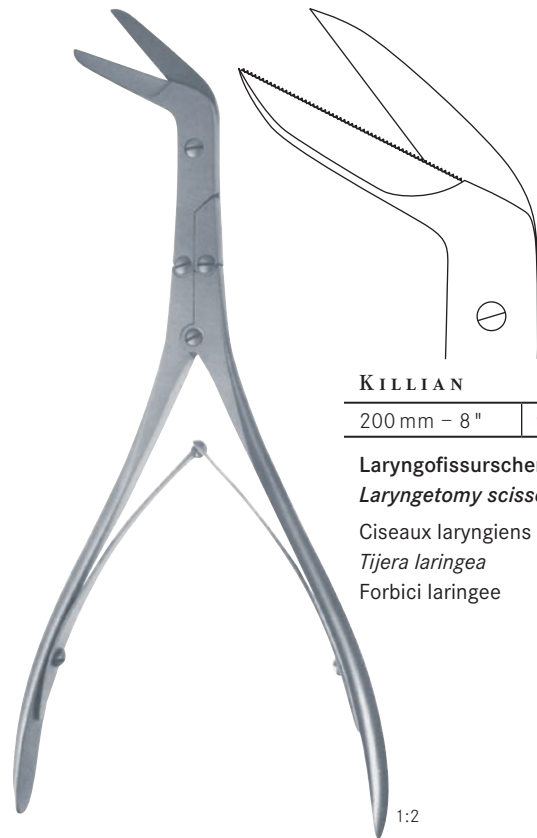


REICHERT

230 mm – 9"

tk 52598-24

1:2



KILLIAN

200 mm – 8"

tk 53550-20

Laryngofissurschere
Laryngotomy scissors

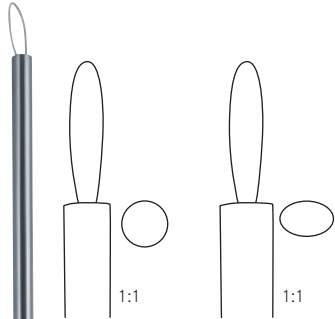
Ciseaux laryngiens

Tijera laringea

Forbici laringee

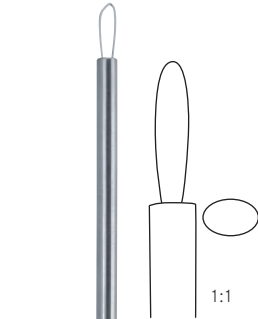
1:2

Tonsillenschnürer | Serre noeuds pour amygdales
Tonsil snares | *Cierra-nudos para amigdales*
 Serranodi per tonsille



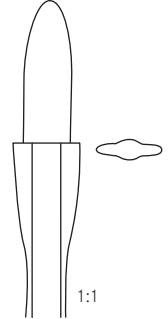
E V E S

280 mm – 11 "	280 mm – 11 "
tk 50336-28	tk 50338-28



E V E S

280 mm – 11 "
tk 50340-28



B R U E N I N G S

280 mm – 11 "
tk 50342-28



1:2



1:2



1:2



	10 m – 33 ft.
0.3 mm Ø	tk 50319-30
0.4 mm Ø	tk 50319-40

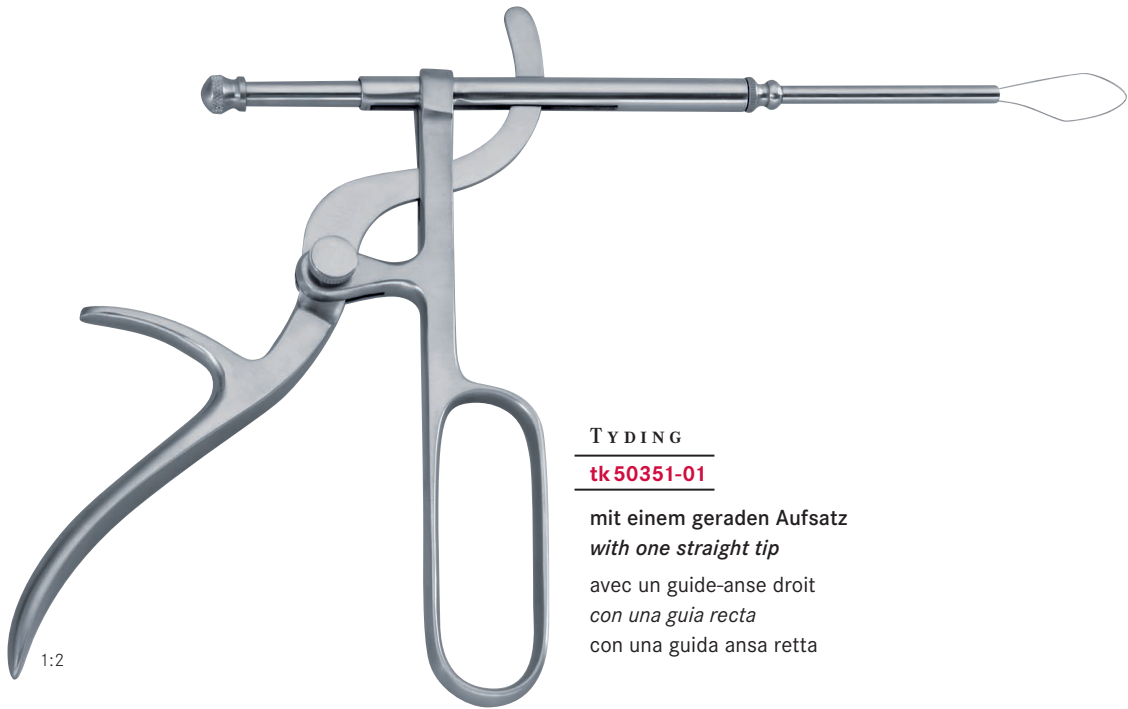


40 mm	tk 50345-40
50 mm	tk 50345-50

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

Tonsillenschnürer
Tonsil snares

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



TYDING

tk 50351-01

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



0.4 mm Ø x 10 cm

tk 50347-02

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

Tonsillieninstrumente
Tonsil instruments

Instruments pour amygdales
Instrumentos para amígdalas
Strumenti per tonsille

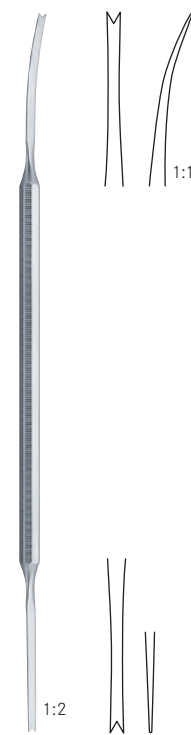


CARPENTER

250 mm – 9³/₄ " tk 52607-25

Enucleator
Enucleator

Enucleateur pour amygdales
Enucleador para amígdalas
Enucleatore



LUNIATSCHEK

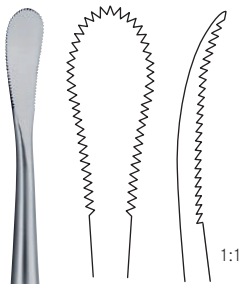
180 mm – 7 " tk 52610-19

Tonsillen-Tamponstopfer
Tonsil tampon plugger

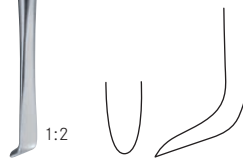
Porta cotton
Porta algodones
Porta tamponi

Tonsilleninstrumente
Tonsil instruments

Instrumentos para amigdales
Instrumentos para amigdales
Strumenti per tonsille



1:1



1:2

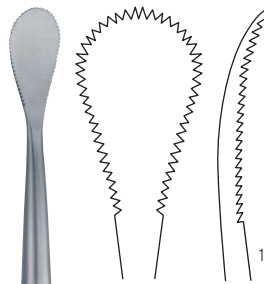
HENKE

230 mm – 9"

tk 52601-23

Tonsillendisektor
Tonsil dissector

Dissecteur à amygdales
Disector para amigdales
Dissettore tonsillare



1:1



1:2

HENKE

230 mm – 9"

tk 52603-23

Tonsillendisektor
Tonsil dissector

Dissecteur à amygdales
Disector para amigdales
Dissettore tonsillare



1:2

HURD

225 mm – 8¾"

tk 52605-22

Tonsillendisektor
Tonsil dissector

Dissecteur à amygdales
Disector para amigdales
Dissettore tonsillare

Tonsilleninstrumente
Tonsil instruments

Instruments pour amygdales
Instrumentos para amígdalas
Strumenti per tonsille



LEWIS

195 mm – 7¾" tk 52612-20

Tonsillenschraube
Tonsil screw

Tire amygdales
Tira amígdalas
Fissa tonsille

1:2



1:1

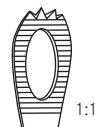
MARSCHIK

220 mm – 8¾" tk 52622-22

Tonsillen-Fasspinzette
Tonsil seizing forceps

Pince pour saisir les amygdales
Pinza prensora de amígdalas
Pinza da presa tonsille

1:2



1:1

BLOHMKE

200 mm – 8" tk 52627-20

1:2

Tonsilleninstrumente
Tonsil instruments

Instruments pour amygdales
Instrumentos para amigdalas
Strumenti per tonsille



COLVER

190 mm – 7½"	190 mm – 7½"
tk 52640-18	tk 52641-18

gerade <i>straight</i>	gebogen <i>curved</i>
droit <i>recta</i>	courbe <i>curva</i>
retta	curva

1:2



WHITE

180 mm – 7"	tk 52659-18
230 mm – 9"	tk 52659-23

6x5



MUSEUX

200 mm – 8"	tk 52664-20
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Tonsillen-Fasszange
Tonsil holding forceps
Pince pour amygdales
Pinza para amigdalas
Pinza per tonsille

1:2



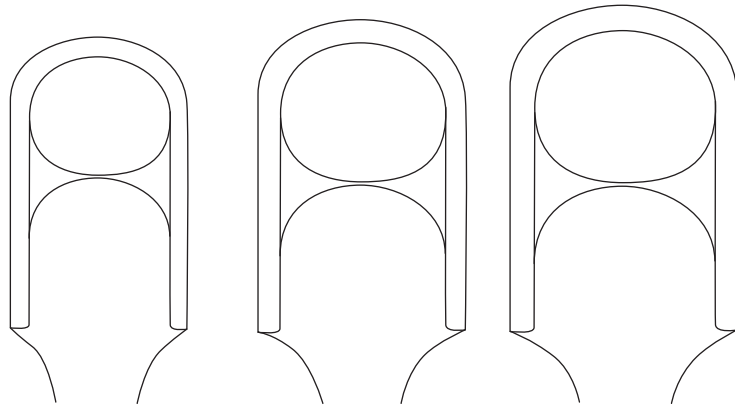
JACKSON

220 mm – 8¾"	tk 52594-22
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Kehlkopfpinzette
Laryngeal forceps
Pince laryngienne
Pinza laringea
Pinza laringea

1:2

Tonsillotome | Amygdalatomos
Tonsillectomes | Amígdalótomos
 Tonsillotomi



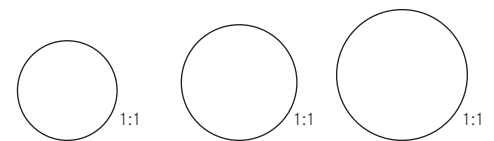
SLUDER-BALLENGER

	Fig. 1	Fig. 2	Fig. 3	
	tk 52671-01	tk 52671-02	tk 52671-03	tk 52671-10

Griff
 Handle
 Manche
 Mango
 Manico

tk 52671-00	x	x	x	x
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komplett
 complete
 complet
 completa
 completa



HARTMANN

	13 mm Ø	15 mm Ø	17 mm Ø
x = 120 mm	tk 52665-13	tk 52665-15	tk 52665-17

Trachealdilatatoren
Trachea dilators

Dilatateurs pour la trachéotomie
Dilatadores para la tráqueotomía
Dilatatori tracheali

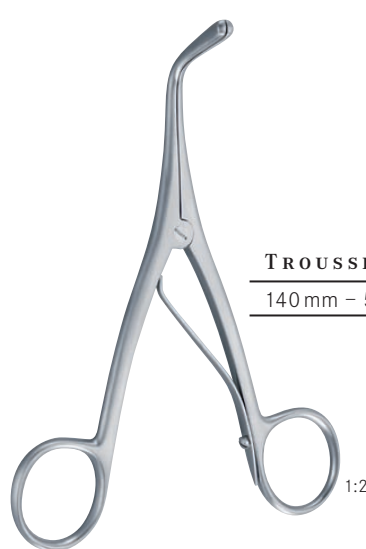


LABORDE

140 mm – 5½"

tk29950-14

1:2



TROUSSEAU

140 mm – 5½"

tk29952-14

1:1

1:2

Trachealkanülen
Trachea tubes

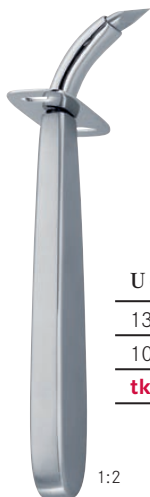
Canules pour la trachéotomie
Cánulas para la tráquea
Cannule tracheali



LUER STANDARD

Fig. 0	4 mm Ø	tk 29960-00
Fig. 1	5 mm Ø	tk 29960-01
Fig. 2	6 mm Ø	tk 29960-02
Fig. 3	7 mm Ø	tk 29960-03
Fig. 4	8 mm Ø	tk 29960-04
Fig. 5	9 mm Ø	tk 29960-05
Fig. 6	10 mm Ø	tk 29960-06
Fig. 7	11 mm Ø	tk 29960-07
Fig. 8	12 mm Ø	tk 29960-08
Fig. 9	13 mm Ø	tk 29960-09

Neusilber
German silver
Maillechort
Plata alemana
Argentone



UCKERMANN

130 mm – 5"

10 mm Ø

tk 6163-13

1:2



CHEVALIER-JACKSON

Fig. 0	4 mm Ø	tk 29990-00
Fig. 1	5 mm Ø	tk 29990-01
Fig. 2	6 mm Ø	tk 29990-02
Fig. 3	7 mm Ø	tk 29990-03
Fig. 4	8 mm Ø	tk 29990-04
Fig. 5	9 mm Ø	tk 29990-05
Fig. 6	10 mm Ø	tk 29990-06
Fig. 7	11 mm Ø	tk 29990-07
Fig. 8	12 mm Ø	tk 29990-08
Fig. 9	13 mm Ø	tk 29990-09

Neusilber
German silver
Maillechort
Plata alemana
Argentone

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

200 mm x 105 mm x 30 mm

tk 29997-00

Tracheotomiebesteck, in Metall-Etui, bestehend aus:

- 1 Griff, tk 7100-04/1 Klinge, Fig. 20, tk 7210-20 T
- 1 Griff, tk 7100-04/1 Klinge, Fig. 23, tk 7210-23 T
- 1 anatomische Pinzette, 130 mm, tk 10000-13
- 2 chirurgische Pinzetten, 1 x 2 Zähne, 130 mm, tk 11000-13
- 2 Rochester-Péan Klemmen, 130 mm, tk 12059-13
- 1 Hohlsonde, 130 mm, tk 18110-13
- 1 Bose Trachealdilatator, tk 17395-07
- 2 Iterson Trachealhäkchen, stumpf, tk 16922-16
- 1 Bose Trachealhäkchen, 160 mm, scharf, rechts, tk 16956-16
- 1 Bose Trachealhäkchen, 160 mm, scharf, links, tk 16957-16
- 1 Luer Trachealkanüle, Standard, 7 mm Ø, Neusilber, tk 29960-03
- 1 Luer Trachealkanüle, Standard, 8 mm Ø, Neusilber, tk 29960-04
- 1 Reinigungsbürste, tk 29999-26

Tracheotomy set, in metal case, consisting of:

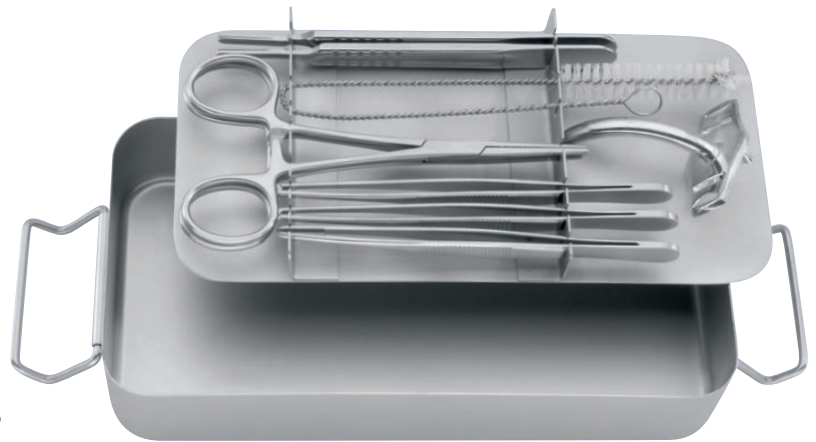
- 1 Handle, tk 7100-04/1 blade, Fig. 20, tk 7210-20 T
- 1 Handle, tk 7100-04/1 blade, Fig. 23, tk 7210-23 T
- 1 Dressing forceps, 130 mm, tk 10000-13
- 2 Tissue forceps, 1 x 2 teeth, 130 mm, tk 11000-13
- 2 Rochester-Péan hemostatic forceps, 130 mm, tk 12059-13
- 1 Grooved director, 130 mm, tk 18110-13
- 1 Bose trachea dilator, tk 17395-07
- 2 Iterson trachea retractors, blunt, tk 16922-16
- 1 Bose trachea retractor, 160 mm, sharp, right, tk 16956-16
- 1 Bose trachea retractor, 160 mm, sharp, left, tk 16957-16
- 1 Luer trachea tube, standard, 7 mm Ø, german silver, tk 25960-03
- 1 Luer trachea tube, Standard, 8 mm Ø, german silver, tk 25960-04
- 1 Cleaning brush, tk 29999-26

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

- 1 Manche, tk 7100-04/1 lame, Fig. 20, tk 7210-20 T
- 1 Manche, tk 7100-04/1 lame, Fig. 23, tk 7210-23 T
- 1 Pince à disséquer, 130 mm, tk 10000-13
- 2 Pinces à griffes, 1 x 2 griffes, 130 mm, tk 11000-13
- 2 Pinces hémostatiques de Rochester-Péan, 130 mm, tk 12059-13
- 1 Sonde cannelée, 130 mm, tk 18110-13
- 1 Dilatateur trachéal de Bose, tk 17395-07
- 2 Crochets trachéaux de Iterson, mousses, tk 16922-16
- 1 Crochet trachéal de Bose, 160 mm, pointu, à droite, tk 16956-16
- 1 Crochet trachéal de Bose, 160 mm, pointu, à gauche, tk 16957-16
- 1 Canule trachéale de Luer, modèle standard, 7 mm Ø, en maillechort, tk 29960-03
- 1 Canule trachéale de Luer, modèle standard, 8 mm Ø, en maillechort, tk 29960-04
- 1 Ecouvillon, tk 29999-26

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

- 1 Mango, tk 7100-04/1 hoja, Fig. 20, tk 7210-20 T
- 1 Mango, tk 7100-04/1 hoja, Fig. 23, tk 7210-23 T
- 1 Pinza de disección, 130 mm, tk 10000-13
- 2 Pinzas quirúrgicas, 1 x 2 dientes, 130 mm, tk 11000-13
- 2 Pinzas hemostáticas de Rochester-Péan, 130 mm, tk 12059-13
- 1 Sonda acanalada, 130 mm, tk 18110-13
- 1 Dilatador traqueal de Bose, tk 17395-07
- 2 Separadores traqueales de Iterson, romos, tk 16922-16
- 1 Separador traqueal de Bose, 160 mm, agudo, a la derecha, tk 16956-16
- 1 Separador traqueal de Bose, 160 mm, agudo, a la izquierda, tk 16957-16
- 1 Cánula traqueal de Luer, modelo standard, 7 mm Ø, plata alemana, tk 29960-03
- 1 Cánula traqueal de Luer, modelo standard, 8 mm Ø, plata alemana, tk 29960-04
- 1 Cepillo de limpieza, tk 29999-26



Astuccio per tracheotomia, contenente

- 1 Manico, tk 7100-04/1 lama, Fig. 20, tk 7210-20 T
- 1 Manico, tk 7100-04/1 lama, Fig. 23, tk 7210-23 T
- 1 Pinza anatomica, 130 mm, tk 10000-13
- 2 Pinze chirurgiche, 1 x 2 denti, 130 mm, tk 11000-13
- 2 Pinze Rochester-Péan, 130 mm, tk 12059-13
- 1 Sonda scanalata, 130 mm, tk 18110-13
- 1 Uncino di Bose, tk 17395-07
- 2 Uncini Iterson, smussa, tk 16922-16
- 1 Uncino Bose, 160 mm, acuta, a destra, tk 16956-16
- 1 Uncino Bose, 160 mm, acuta, a sinistra, tk 16957-16
- 1 Canula tracheale Luer, modello standard, 7 mm Ø, argenteo, tk 29960-03
- 1 Canula tracheale Luer, modello standard, 8 mm Ø, argenteo, tk 29960-04
- 1 Spazzolina per pulire, tk 29999-26

Kropffasszangen – Kropfsonden
Goitre grasping forceps – Goitre enucleator

Pinces à goitre – Spatules à goitre
Pinzas para coger el bocio – Sondas para bocio
 Pinze per gozzo – Sonde per gozzo



MASTIN

170 mm – 6½"	tk49905-17
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1:2



LAHEY

150 mm – 6"	tk49900-15
200 mm – 8"	tk49900-20

1:2



1:1

1:1

KOCHER

150 mm – 6"	tk49925-15	tk49927-15
160 mm – 6¼"	tk49925-16	tk49927-16

mit Loch
with hole
 avec trou
con orificio
 con foro

Broncho-Oesophagoskopiezangen
Broncho-oesophagscopy forceps

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



BRUENINGS

200 mm – 8"	tk 53391-20
300 mm – 12"	tk 53391-30
400 mm – 16"	tk 53391-40
500 mm – 20"	tk 53391-50
600 mm – 23½"	tk 53391-60



BRUENINGS

200 mm – 8"	tk 53390-20
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HUBER

tk 53375-01

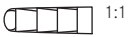
1:2

Broncho-Oesophagoskopiezangen
Broncho-oesophagocopy forceps

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

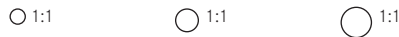
Auswechselbare Zangenaufsätze
Exchangeable tips

Embouts interchangeables
Bocas intercambiables
Punte intercambiabili



SEIFFERT

tk 53410-01



BRUENINGS

tk 53410-02

tk 53410-03

tk 53410-04



LANGE

tk 53410-05



SCHEINMANN

tk 53410-06



FRAENKEL

tk 53410-07



tk 53410-08

tk 53410-09



tk 53410-10

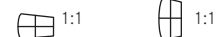


tk 53410-11



KRAUSE

tk 53410-12



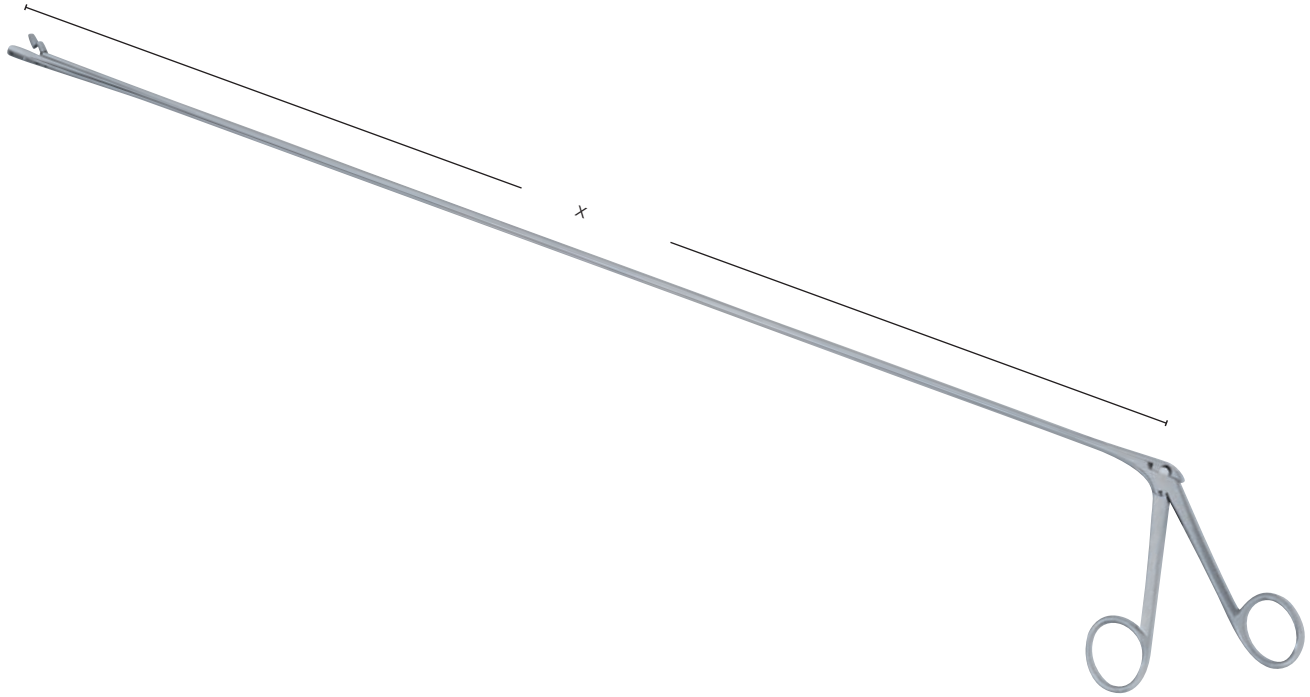
CORDES

tk 53410-13

tk 53410-14

Broncho-Oesophagoskopiezangen
Broncho-oesophagoscopia forceps

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



CHEVALIER-JACKSON



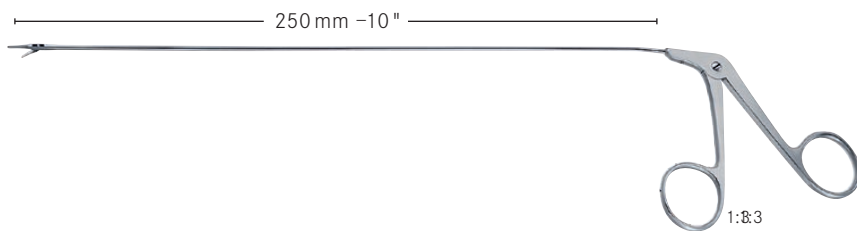
x = 300 mm – 12"	tk 53361-30	tk 53362-30	tk 53363-30	tk 53364-30
x = 400 mm – 16"	tk 53361-40	tk 53362-40	tk 53363-40	tk 53364-40
x = 500 mm – 20"	tk 53361-50	tk 53362-50	tk 53363-50	tk 53364-50
x = 600 mm – 23½"	tk 53361-60	tk 53362-60	tk 53363-60	tk 53364-60



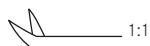
x = 300 mm – 12"	tk 53365-30	tk 53366-30	tk 53367-30
x = 400 mm – 16"	tk 53365-40	tk 53366-40	tk 53367-40
x = 500 mm – 20"	tk 53365-50	tk 53366-50	tk 53367-50
x = 600 mm – 23½"	tk 53365-60	tk 53366-60	tk 53367-60

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

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



1:1	1:1	1:1	1:1	1:1	
tk 52673-01	tk 52673-02	tk 52673-04	tk 52673-05	tk 52673-06	
Scheren Scissors Ciseaux Tijeras Forbice	gerade <i>straight</i> droit <i>recta</i> retta	gerade horizontal <i>straight horizontal</i> droit horizontal <i>recta horizontal</i> retta orizzontale	aufgebogen horizontal <i>angled up horizontal</i> coudé en haut coupe horizontal <i>curvada arriba horizontal</i> curvata in alto orizzontale	rechts gebogen <i>curved right</i> courbe à droite <i>curvada a derecha</i> curva a destra	links gebogen <i>curved left</i> courbe à gauche <i>curvada a izquierda</i> curva a sinistra

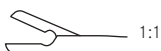


tk 52673-03

aufgebogen
angled up
coudé en haut
curvada arriba
curvata in alto

1:1	1:1	1:1	1:1	1:1	
tk 52674-01	tk 52674-02	tk 52674-04	tk 52674-05	tk 52674-06	
Alligatorzangen <i>Alligator forceps</i> Pincas crocodile <i>Pinzas cocodrilo</i> Pinze coccodrillo	gerade, gerieft <i>straight, serrated</i> droit, strié <i>recta, estriada</i> retta, zigrinata	gerade horizontal <i>straight horizontal</i> droit horizontal <i>recta horizontal</i> retta orizzontale	aufgebogen horizontal <i>angled up horizontal</i> coudé en haut coupe horizontal <i>curvada arriba horizontal</i> curvata in alto orizzontale	rechts gebogen <i>curved right</i> courbe à droite <i>curvada a derecha</i> curva a destra	links gebogen <i>curved left</i> courbe à gauche <i>curvada a izquierda</i> curva a sinistra

1:1	1:1	1:1	1:1	1:1	
○ 2.5 mm	tk 52675-01	tk 52675-02	tk 52675-03	tk 52675-04	tk 52675-05
Löffelzangen <i>Cup shaped forc.</i> Pincas currettes <i>Pinzas cureta</i> Pinze a cucchaio	gerade <i>straight</i> droit <i>recta</i> retta	aufgebogen <i>angled up</i> coudé en haut <i>curvada arriba</i> curvata in alto	aufgebogen horizontal <i>angled up horizontal</i> coudé en haut coupe horizontal <i>curvada arriba horizontal</i> curvata in alto orizzontale	rechts gebogen <i>curved right</i> courbe à droite <i>curvada a derecha</i> curva a destra	links gebogen <i>curved left</i> courbe à gauche <i>curvada a izquierda</i> curva a sinistra



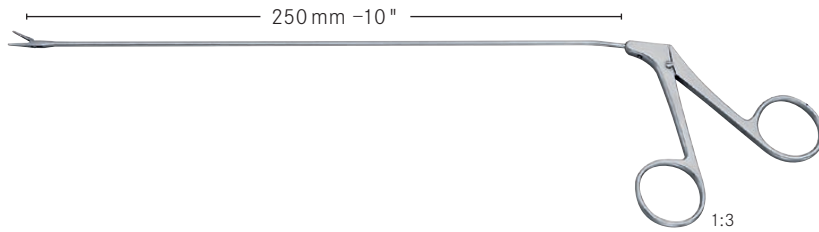
○ 3 x 5 mm **tk 52675-06**

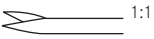


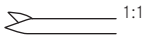
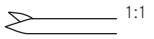
Löffelzange
Cup shaped forc.
Pinze curette
Pinza cureta
Pinza a cucchaio

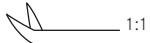
oval
oval
ovale
oval
ovale

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

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








	 1:1	 1:1	 1:1	 1:1	 1:1
	tk 52676-01	tk 52676-02	tk 52676-04	tk 52676-05	tk 52676-06
Scheren Scissors Ciseaux Tijeras Forbice	gerade <i>straight</i> droit <i>recta</i> retta	gerade horizontal <i>straight horizontal</i> droit horizontal <i>recta horizontal</i> retta orizzontale	aufgebogen horizontal <i>angled up horizontal</i> coudé en haut coupe horizontal <i>curvada arriba horizontal</i> curvata in alto orizzontale	rechts gebogen <i>curved right</i> courbe à droite <i>curvada a derecha</i> curva a destra	links gebogen <i>curved left</i> courbe à gauche <i>curvada a izquierda</i> curva a sinistra



tk 52676-03

aufgebogen
angled up
 coudé en haut
curvada arriba
 curvata in alto

	 1:1	 1:1	 1:1	 1:1	 1:1
	tk 52677-01	tk 52677-02	tk 52677-04	tk 52677-05	tk 52677-06
Alligatorzangen <i>Alligator forceps</i> Pincés crocodile <i>Pinzas cocodrilo</i> Pinze cocodrillo	gerade <i>straight</i> droit <i>recta</i> retta	gerade horizontal <i>straight horizontal</i> droit horizontal <i>recta horizontal</i> retta orizzontale	aufgebogen horizontal <i>angled up horizontal</i> coudé en haut coupe horizontal <i>curvada arriba horizontal</i> curvata in alto orizzontale	rechts gebogen <i>curved right</i> courbe à droite <i>curvada a derecha</i> curva a destra	links gebogen <i>curved left</i> courbe à gauche <i>curvada a izquierda</i> curva a sinistra



○ 2.5 mm

tk 52678-01



tk 52678-02



tk 52678-03

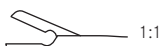


tk 52678-04



tk 52678-05

Löffelzangen <i>Cup shaped forc.</i> Pincés curettes <i>Pinzas cureta</i> Pinze a cucchaio	gerade <i>straight</i> droit <i>recta</i> retta	aufgebogen <i>angled up</i> coudé en haut <i>curvada arriba</i> curvata in alto	aufgebogen horizontal <i>angled up horizontal</i> coudé en haut coupe horizontal <i>curvada arriba horizontal</i> curvata in alto orizzontale	rechts gebogen <i>curved right</i> courbe à droite <i>curvada a derecha</i> curva a destra	links gebogen <i>curved left</i> courbe à gauche <i>curvada a izquierda</i> curva a sinistra
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○ 3 x 5 mm

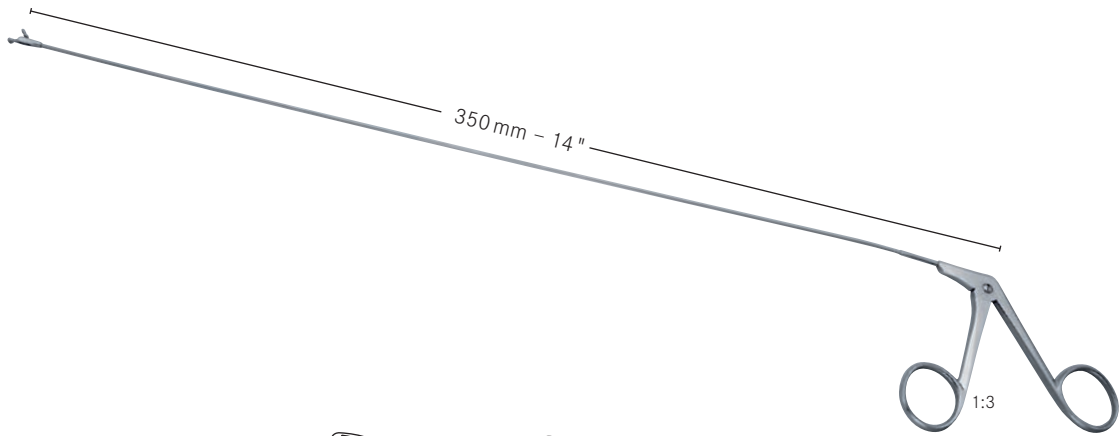
tk 52678-06

Löffelzange
Cup shaped forc.
 Pince curette
Pinza cureta
 Pinza a cucchaio

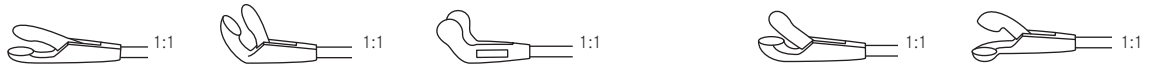
oval
oval
 ovale
oval
 ovale

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

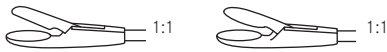
Micro-instruments pour laryngo-broncho-oesophagoscopie
Micro-instrumental para laringo-bronco-esofagoscopia
 Micro-strumenti per laringo-bronco-esofagoscopia



	tk 52680-01	tk 52680-02	tk 52680-03
Fasszange <i>Grasping forceps</i>	gerade, gerieft <i>straight, serrated</i>	gerade, gefenstert <i>straight, fenestrated</i>	gerade <i>straight</i>
Pince à saisir <i>Pinza agarre</i> Pinza da presa	droit, striée <i>recta, estriada</i>	droit, fenêtrée <i>recta, fenestrada</i>	droits <i>recta</i>
	retta, zigrinata	retta, fenestrata	retta



○ 3 mm	tk 52680-04	tk 52680-05	tk 52680-06	tk 52680-07	tk 52680-08
Löffelzangen <i>Cup shaped forc.</i>	gerade <i>straight</i>	aufgebogen <i>angled up</i>	aufgebogen horizontal <i>angled up horizontal</i>	rechts gebogen <i>curved right</i>	links gebogen <i>curved left</i>
Pinces curettes	droit	coudée en haut	coudée en haut coupe horizontalement	courbe à droite	courbe à droite
<i>Pinzas cureta</i> Pinze a cucchaio	<i>recta</i> retta	<i>curvada arriba</i> curvata in alto	<i>curvada arriba horizontal</i> curvata in alto orizzontale	<i>curvada a derecha</i> curva a destra	<i>curvada a izquierda</i> curva a sinistra



	2 mm x 5 mm	3 mm x 5 mm
	tk 52680-09	tk 52680-10

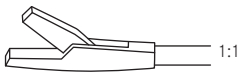
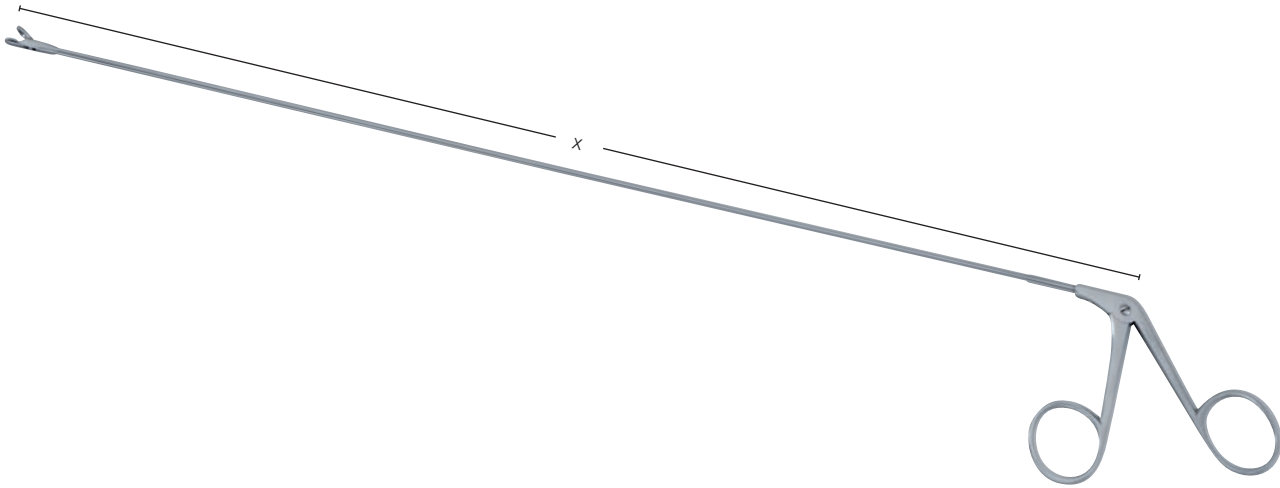
Löffelzangen <i>Cup shaped forc.</i>	gerade <i>straight</i>	gerade <i>straight</i>
Pinces curettes	droit	droit
<i>Pinzas cureta</i> Pinze a cucchaio	<i>recta</i> retta	<i>recta</i> retta



	tk 52680-11
Universalzange <i>Universal forceps</i>	gerade <i>straight</i>
Pince universelle <i>Pinza universal</i> Pinza universale	droit <i>recta</i> retta

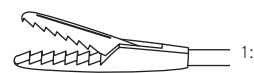
Mikro-Instrumente für Laryngo-Broncho-Oesophagoskopie
Micro-instruments for laryngo-broncho-oesophagocopy

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



x = 400 mm – 16"	tk 52682-01
x = 500 mm – 20"	tk 52684-01
x = 600 mm – 23½"	tk 52686-01

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



x = 400 mm – 16"	tk 52682-02	tk 52682-03	tk 52682-04
x = 500 mm – 20"	tk 52684-02	tk 52684-03	tk 52684-04
x = 600 mm – 23½"	tk 52686-02	tk 52686-03	tk 52686-04

Fasszangen
Grasping forceps
 Pincès à saisir
Pinzas agarre
 Pinze da presa

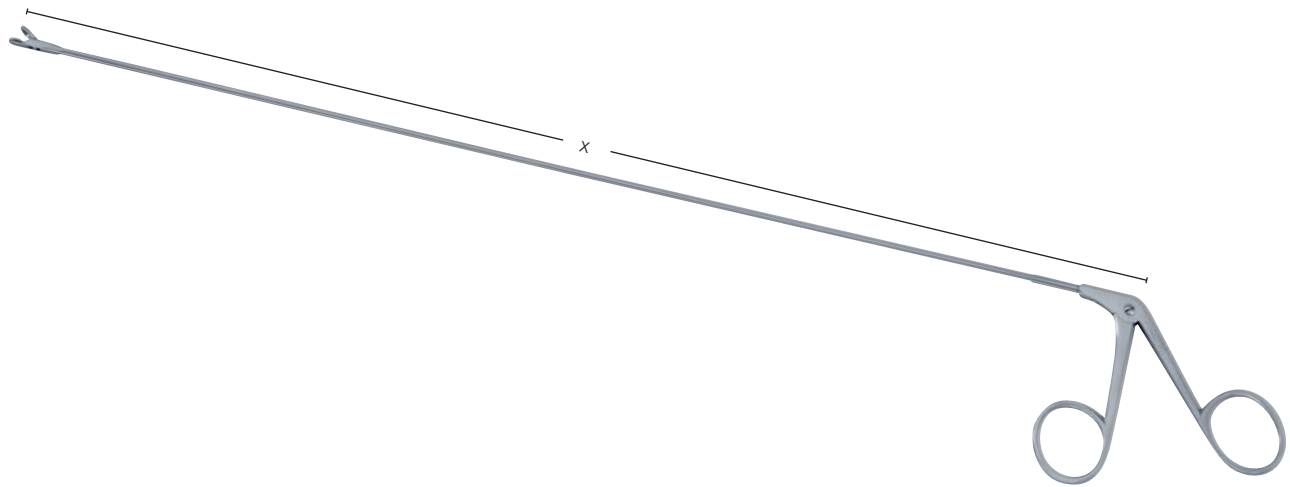
gerade, gerieft
straight, serrated
 droit, striée
recta, estriada
 retta, zigrinata

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

gerade
straight
 droit
recta
 retta

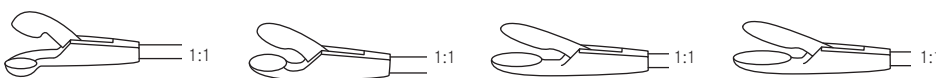
Mikro-Instrumente für Laryngo-Broncho-Oesophagoskopie
 Micro-instruments for laryngo-broncho-oesophagoscopy

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



	4 mm	4 mm	4 mm	4 mm
x = 400 mm – 16"	tk 52682-05	tk 52682-06	tk 52682-07	tk 52682-08
x = 500 mm – 20"	tk 52684-05	tk 52684-06	tk 52684-07	tk 52684-08
x = 600 mm – 23½"	tk 52686-05	tk 52686-06	tk 52686-07	tk 52686-08

Löffelzangen <i>Cup shaped forceps</i>	gerade <i>straight</i>	aufgebogen <i>angled up</i>	aufgebogen horizontal <i>angled up horizontal</i>	rechts gebogen <i>curved right</i>
Pincés à curette	droit	coudée en haut	coudée en haut coupe horizontalement	courbe à droite
Pinzas cureta	recta	curvada arriba	curvada arriba horizontal	curvada a derecha
Pinze a cucchiaio	retta	curvata in alto	curvata orizzontalmente	curva a destra



	4 mm	3 mm x 4 mm	4 mm x 6 mm	4 mm x 8 mm
x = 400 mm – 16"	tk 52682-09	tk 52682-10	tk 52682-11	tk 52682-12
x = 500 mm – 20"	tk 52684-09	tk 52684-10	tk 52684-11	tk 52684-12
x = 600 mm – 23½"	tk 52686-09	tk 52686-10	tk 52686-11	tk 52686-12

Löffelzangen <i>Cup shaped forceps</i>	links gebogen <i>curved left</i>	gerade <i>straight</i>	gerade <i>straight</i>	gerade <i>straight</i>
Pincés mors curettes	courbe à gauche	droit	droit	droit
Pinzas cureta	curvada a izquierda	recta	recta	recta
Pinze a cucchiaio	curva a sinistra	retta	retta	retta

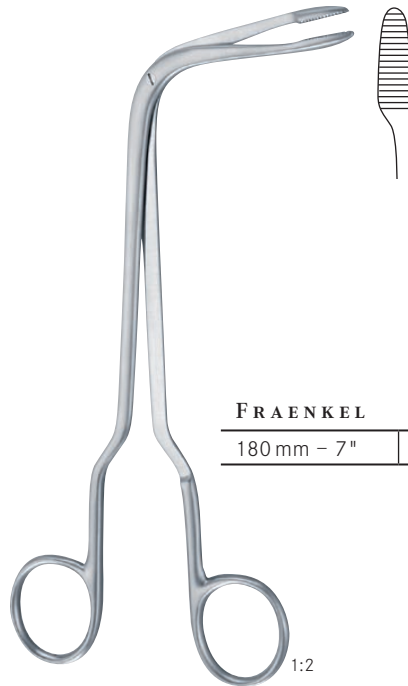


x = 400 mm – 16"	tk 52682-13
x = 500 mm – 20"	tk 52684-13
x = 600 mm – 23½"	tk 52686-13

Universalzange <i>Universal forceps</i>	gerade <i>straight</i>
Pince universelle	droit
Pinza universal	recta
Pinza universale	retta

Kehlkopfpolypenzangen
Laryngeal polypus forceps

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

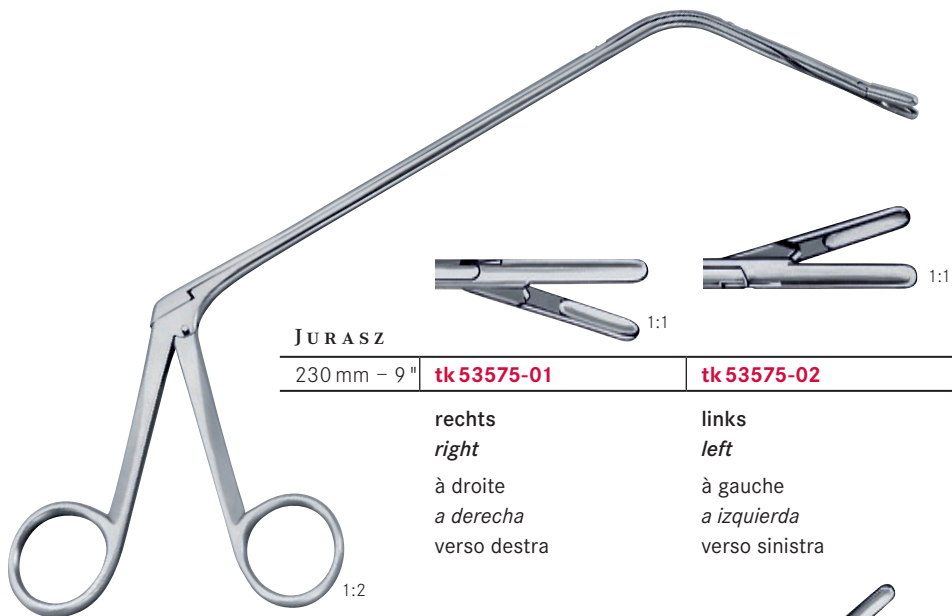


FRAENKEL

180 mm – 7"

tk 53561-18

1:2



JURASZ

230 mm – 9"

tk 53575-01

tk 53575-02

rechts
right
à droite
a derecha
verso destra

links
left
à gauche
a izquierda
verso sinistra



tk 53575-03

nach unten
downwards
vers le bas
hacia abajo
verso basso

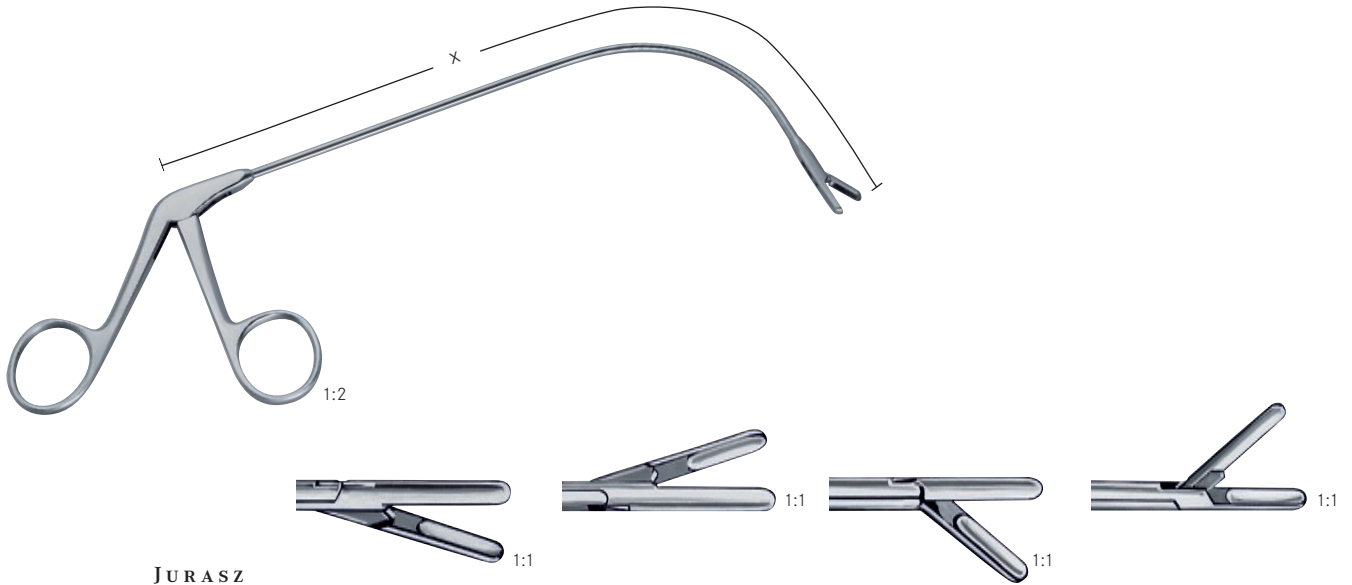


tk 53575-04

nach oben
upwards
vers le haut
hacia arriba
verso alto

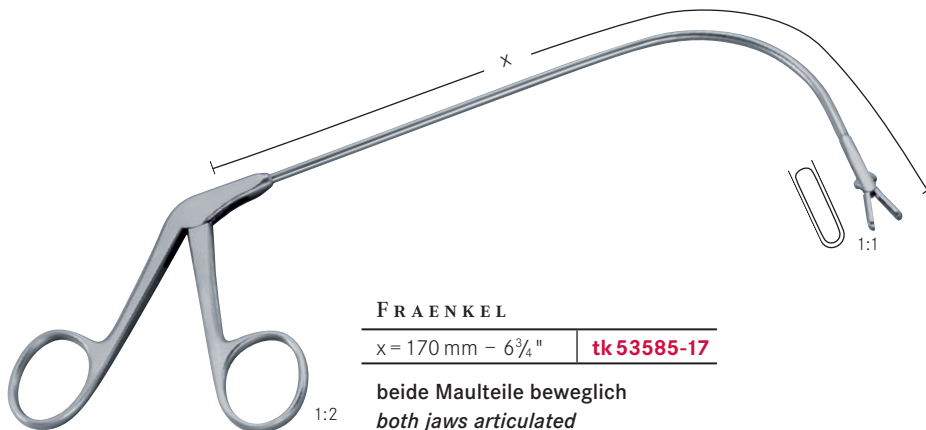
Kehlkopfpolypenzangen
Laryngeal polypus forceps

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



JURASZ

230 mm – 9"	tk 53580-01	tk 53580-02	tk 53580-03	tk 53580-04
rechts <i>right</i> à droite <i>a derecha</i> verso destra	links <i>left</i> à gauche <i>a izquierda</i> verso sinistra	nach unten <i>downwards</i> vers le bas <i>hacia abajo</i> verso basso	nach oben <i>upwards</i> vers le haut <i>hacia arriba</i> verso alto	



FRAENKEL

x = 170 mm – 6³/₄" **tk 53585-17**

beide Maulteile beweglich
both jaws articulated

les deux mâchoires mobiles
las dos mandíbulas móviles
ambedue i morsi mobili



Autopsie | Autopsie
Autopsy | *Autopsia*
Autopsia



Autopsie Instrumente
Instruments for autopsy

Instruments pour la autopsie
Instrumentos para la autopsia
Strumenti per autopsia



270 mm – 10 3/4"
tk 54110-00

BRUNETTI

280 mm – 11" **tk 54112-28** **tk 54113-28**

Meißel zur Öffnung der Wirbelsäule
Chisels for opening the spinal column
Burins pour ouvrir la colonne vertebrale
Cinceles para abrir la columna vertebral
Scalpelli per aprire la colonna vertebrale



220 mm – 8 3/4"
tk 54115-22

Rachiotom
Rachiotome
Rachiotome
Raquietomo
Rachiotomo



130 mm – 5"
x = 23 mm
tk 54114-13

Autopsie Instrumente
Instruments for autopsy

Instruments pour la autopsie
Instrumentos para la autopsia
Strumenti per autopsia



VIRCHOW

tk 54118-12

Schädelspalter
Skull breaker

Burin casse-crâne
Cinzel rompe craneo
Apri cranio

1:2



100 mm – 4 1/8"

tk 54410-02

Muskelhaken
Muscle hook

Crochet musculaire
Gancho muscular
Uncino muscolare

1:2



160 mm – 6 1/4"

10 mm x 50 mm

tk 54417-16

1:2



1:2



1:2

135 mm – 5 1/4"

tk 54420-13

tk 54421-13

Präpariernadeln
Dissecting needles

Aiguilles à préparation
Agujas para preparaciones
Aghi per preparazione

Autopsie-Besteck **Set à autopsie**
Set of instruments for autopsy **Juego de instrumentos para autopsia**
Astuccio completo per autopsia

tk 54120-00

Inhalt:

- 1 Skalpell mit Metallheft, tk 7000-03
- 1 Skalpell mit Metallheft, tk 7000-05
- 1 Skalpell mit Metallheft, tk 7000-07
- 1 Skalpell mit Metallheft, tk 7000-09
- 1 Virchow Amputationsmesser
- 1 anatomische Pinzette, tk 10000-13
- 1 Charrière Säge, tk 24005-30
- 1 Inzisionsschere, tk 8132-14
- 1 Hammer, tk 24054-01
- 1 Osteotom, tk 24092-13
- 1 Sonde, tk 18100-13
- 1 Muskelhaken, tk 54410-02
- 1 Tubulus
- 3 Sektionsnadeln

Contents:

- 1 Scalpel with metal handle, tk 7000-03
- 1 Scalpel with metal handle, tk 7000-05
- 1 Scalpel with metal handle, tk 7000-07
- 1 Scalpel with metal handle, tk 7000-09
- 1 Virchow amputations knife
- 1 Dressing forceps, tk 10000-13
- 1 Charrière saw, tk 24005-30
- 1 Incision scissor, tk 8132-14
- 1 Hammer, tk 24054-01
- 1 Osteotome, tk 24092-13
- 1 Probe, tk 18100-13
- 1 Hook, tk 54410-02
- 1 Tube
- 3 Dissecting needles

Contenu:

- 1 Bistouri avec manche en metal, tk 7000-03
- 1 Bistouri avec manche en metal, tk 7000-05
- 1 Bistouri avec manche en metal, tk 7000-07
- 1 Bistouri avec manche en metal, tk 7000-09
- 1 Virchow couteau à amputations
- 1 Pince anatomique, tk 10000-13
- 1 Scie Charrière, tk 24005-30
- 1 Ciseaux à incision, tk 8132-14
- 1 Marteau, tk 24054-01
- 1 Ostéotome, tk 24092-13
- 1 Stylet, tk 18100-13
- 1 Retracteur, tk 54410-02
- 1 Tube
- 3 Aiguilles de préparation

Contenido:

- 1 Bisturi con mango de metal, tk 7000-03
- 1 Bisturi con mango de metal, tk 7000-05
- 1 Bisturi con mango de metal, tk 7000-07
- 1 Bisturi con mango de metal, tk 7000-09
- 1 Virchow cuchillo de amputaciones
- 1 Pinza anatomica, tk 10000-13
- 1 Sierra Charrière, tk 24005-30
- 1 Tijera para incision, tk 8132-14
- 1 Martillo, tk 24054-01
- 1 Osteótomo, tk 24092-13
- 1 Sonda, tk 18100-13
- 1 Retractor, tk 54410-02
- 1 Tubo
- 3 Agujas para preparaciones

Contenuto:

- 1 Bisturi con manico di metallo, tk 7000-03
- 1 Bisturi con manico di metallo, tk 7000-05
- 1 Bisturi con manico di metallo, tk 7000-07
- 1 Bisturi con manico di metallo, tk 7000-09
- 1 Virchow coltello d'amputazione
- 1 Pinza anatomica, tk 10000-13
- 1 Charrière sega, tk 24005-30
- 1 Forbice per incisione, tk 8132-14
- 1 Martello, tk 24054-01
- 1 Osteotomo, tk 24092-13
- 1 Sonda, tk 18100-13
- 1 Retrattore, tk 54410-02
- 1 Tubo
- 3 Aghi per preparazione



Präparier-Besteck in Holzetui
Dissecting set in wooden case

Trousse à dissection, en boîte en bois
Estuche de disección en caja de madera
Astuccio completo per dissezione in scatola di legno



tk 54200-00

Inhalt:

- 1 Anatomie-Skalpell
- 1 Anatomie-Skalpell
- 1 Anatomie-Skalpell
- 1 Inzisionsschere, 130 mm, tk 8132-13
- 1 anatomische Pinzette, 145 mm, tk 10000-14
- 1 Knopfsonde, 145 mm, tk 18100-14
- 1 Präpariernadel mit Holzheft
- 1 Knorpelmesser mit Schaber

Contents:

- 1 Dissecting scalpel
- 1 Dissecting scalpel
- 1 Dissecting scalpel
- 1 Incision scissors, 130 mm, tk 8132-13
- 1 Dissecting forceps, 145 mm, tk 10000-14
- 1 Probe, 145 mm, tk 18100-14
- 1 Microscopic needle with wooden handle
- 1 Cartilage knife with raspator

Contenu:

- 1 Bistouri à dissection
- 1 Bistouri à dissection
- 1 Bistouri à dissection
- 1 Ciseaux à incision, 130 mm, tk 8132-13
- 1 Pince à dissection, 145 mm, tk 10000-14
- 1 Stylet boutonné, 145 mm, tk 18100-14
- 1 Aiguille à dissection avec manche en bois
- 1 Couteau à cartilages

Contenido:

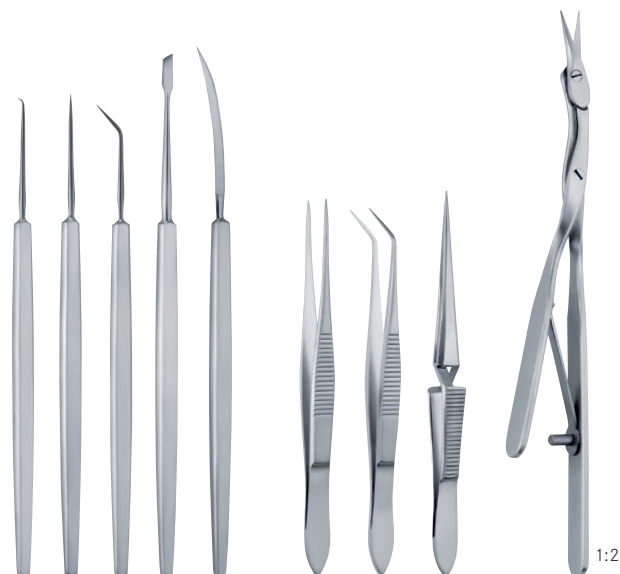
- 1 Bisturi de disección
- 1 Bisturi de disección
- 1 Bisturi de disección
- 1 Tijeras para incisión, 130 mm, tk 8132-13
- 1 Pinza de disección, 145 mm, tk 10000-14
- 1 Estilete abotonado, 145 mm, tk 18100-14
- 1 Aguja de disección con mango de madera
- 1 Cuchillo para cartilagos

Contenuto:

- 1 Bisturi da dissezione
- 1 Bisturi da dissezione
- 1 Bisturi da dissezione
- 1 Forbice da incisione, 130 mm, tk 8132-13
- 1 Pinza per dissezione, 145 mm, tk 10000-14
- 1 Sonda bottonuta, 145 mm, tk 18100-14
- 1 Ago da dissezione con manico di legno
- 1 Bisturi da cartilagine

Mikroskopier-Besteck in Holzetui
Microscopic instrument set in wooden case

Trousse pour microscopie, en boîte en bois
Estuche de microscopía en caja de madera
 Astuccio completo per il microscopio in scatola di legno



1:2

tk 54300-00

Inhalt:

- 1 feine Präpariernadel, gerade
- 1 feine Präpariernadel, abgewinkelt
- 1 feine Präpariernadel, hakenförmig
- 1 Präpariermeißel
- 1 Mikroskopiermesser, gebogen
- 1 Mikroskopierpinzette, gerade
- 1 Mikroskopierpinzette, gebogen
- 1 Mikroskopierpinzette, gerade, gekreuzt, selbsthaltend
- 1 Mikroskopierschere, gerade, extra fein

Contents:

- 1 *Dissecting needle, fine, straight*
- 1 *Dissecting needle, angled*
- 1 *Dissecting needle, hook shaped*
- 1 *Dissecting chisel*
- 1 *Dissecting scalpel, curved*
- 1 *Dissecting forceps, straight*
- 1 *Dissecting forceps, curved*
- 1 *Dissecting forceps, straight, cross action, self-retaining*
- 1 *Dissecting scissors, straight, very fine*

Contenu:

- 1 Aiguille à dissection, très fine, droite
- 1 Aiguille à dissection, très fine, coudée
- 1 Aiguille à dissection, très fine, en forme de crochet
- 1 Ciseau-burin
- 1 Bistouri à dissection, courbe
- 1 Pince à dissection, fine, droite
- 1 Pince à dissection, fine, coudée
- 1 Pince à dissection, fine, droite, autostatique
- 1 Ciseaux à dissection, droite, très fins

Contenido:

- 1 *Aguja de disección, muy fina, recta*
- 1 *Aguja de disección, muy fina, acodada*
- 1 *Aguja de disección, muy fina, en forma de gancho*
- 1 *Cinzel de disección*
- 1 *Bisturi de disección, curva*
- 1 *Pinza de disección, fina, recta*
- 1 *Pinza de disección, acodada*
- 1 *Pinza de disección, recta, cruzada, autostática*
- 1 *Tijera de disección, recta, muy fina*

Contenuto:

- 1 Ago da dissezione, fino, retto
- 1 Ago da dissezione, acotato
- 1 Ago da dissezione, acotato, forma uncino
- 1 Scalpello, fino
- 1 Coltello, fino
- 1 Pinza per dissezione, fine, retta
- 1 Pinza per dissezione, fine, curva
- 1 Pinza per dissezione, fine, retta, a pressione continua
- 1 Forbice per dissezione, retta, molto fine

Oszillierende Elektro Autopsiesäge TEKNO Power
Oscillating Electric autopsy saw TEKNO Power

Scie électronique oscillante pour la autopsie TEKNO Power
Sierra electronica oscilante para la autopsia TEKNO Power
Sega elettrica oscillante per autopsia TEKNO Power



230V / 50 Hz	tk 54131-01
110V / 60 Hz	tk 54131-02

Mit 3-Kant Anschluss inkl. Schaft, 39 mm
With triangle connector incl. arbor, 39 mm
 Avec connection triangulaire, tige 39 mm
Con connector triangular, tija 39 mm
 Con conettore triangolare, asta 39 mm

Ø 50 mm	tk 24006-02
Ø 65 mm	tk 24600-03

Sägeblätter
Saw blades
 Lames de scie
Hojas de sierra
 Lame per sega



Sägekopf autoklavierbar
Saw head autoclavable
 Tête autoclavable
Cabezal autoclavable
 Testina autoclavabile

230V / 50 Hz	tk 54130-01
110V / 60 Hz	tk 54130-02

Komplett mit:
 1 Sägeblatt Ø 50 mm, tk 24006-02
 1 Sägeblatt Ø 65 mm, tk 24006-03
 1 Autopsie Sägeblatt, tk 54133-01
 1 Inbusschlüssel T
 Schmierstoffe
 5 m Netzkabel
 Gebrauchsanleitung

Complete with:
 1 Sawblade Ø 50 mm, tk 24006-02
 1 Sawblade Ø 65 mm, tk 24006-03
 1 Sawblade "autopsy", tk 54133-01
 1 Hollow screw wrench T
 Grease
 5m mains cable
 Instruction manual

Technische Daten:
 Leistungsaufnahme 500 W
 Überlastschutz
 Schutzisoliert
 Bild- u. Tonfunkenstört
 Gewicht 1.25 Kg
 6500 – 24000 Schwingungen p. Minute
 stufenlos regelbar
 Sanfter Anlauf
 Nur 52 - 77 db(A)
 Vollautomatische Lastkompensation
 Motor doppelschutzisoliert (Klasse II)
 Med. Typ BF
 Robuste Konstruktion
 Hohe Belastbarkeit
 Vibrationsarm
 Wartungsfrei
 CE- konform
 Geprüft nach EN 60601-1 / -1-2

Technical data:
 Consumption 500 W
 Overload protection
 Electric insulation
 Interference free
 Weight 1.25 kg
 6500 – 24000 osc per minute
 infinitely variable
 Soft start
 Only 52 – 77 db(A)
 Fully automatic power compensation
 Double isolated protection of the engine (class II)
 Medical class BF
 Rugged design
 High efficiency
 No vibration
 Maintenance free
 According to CE
 Tested according to EN 60601-1 / -1-2

1 Jahr Garantie auf Motor und Sägeteil
 (bei sachgerechter Handhabung)
 2 Jahre Gewährleistung

1 year guarantee on engine and
 transmission part (in case of proper use)
 2 years warranty

Oszillierende Elektro Autopsiesäge TEKNO Power
Oscillating Electric autopsy saw TEKNO Power

Scie électronique oscillante pour la autopsie TEKNO Power
Sierra electronica oscilante para la autopsia TEKNO Power
 Sega elettrica oscillante per autopsia TEKNO Power

230V / 50Hz	tk 54130-01		
110V / 60Hz	tk 54130-02		
<p>Complet avec: 1 Lame de Ø 50 mm, tk 24006-02 1 Lame de Ø 65 mm, tk 24006-03 1 Lame pour autopsies, tk 54133-01 1 Clé pour vis hexagonales Lubrifiant Cable RED de 5m Mode d'emploi</p>		<p><i>Completo con:</i> <i>1 Hoja de Ø 50 mm, tk 24006-02</i> <i>1 Hoja de Ø 65 mm, tk 24006-03</i> <i>1 Hoja para autopsia, tk 54133-01</i> <i>1 Llave para tornillos hexagonales</i> <i>Lubrificante</i> <i>Cable RED de 5m</i> <i>Manual de Usuario</i></p>	
<p>Dates techniques: Puissance absorbée 500 W Protection de surcharge Isolation de protection Déparasité Poids 1,25 Kg 6.500 – 24.000 oscillations par minute Réglage continu Démarrage léger 52 – 77 db(A) Compensation de puissance automatique Double isolation du moteur (class II) Type BF med. Construction robuste Haute résistance mécanique Peu des vibrations Pas d'entretien nécessaire Conforme au CE Testé selon EN 60601-1/-1-2</p>		<p>Datos tecnicos: <i>Absorción de potencia 500 W</i> <i>Protección de sobrecarga</i> <i>Aislamiento electrico</i> <i>Libre de interferencias</i> <i>Peso 1,25 Kg</i> <i>6.500 – 24.000 oscilaciones /min.</i> <i>Reglaje continuo</i> <i>Arranque suave</i> <i>52 – 77 db(A)</i> <i>Compensación de potencia automatica</i> <i>Doble aislante del motor (clase II)</i> <i>Tipo BF med.</i> <i>Construcción robusta</i> <i>Alta resistencia mecanica</i> <i>Libre de vibraciones</i> <i>No necesita mantenimiento</i> <i>Conforme a las normas de CE</i> <i>Testado segun EN 60601-1/-1-2</i></p>	
<p>1 an garantie sur moteur e scie (en cas d'usage approprié) En général 2 ans de garantie</p>		<p><i>1 año de garantía sobre el motor y la sierra (en caso de uso inadecuado)</i> <i>En general, 2 años de garantía</i></p>	

230V / 50Hz	tk 54130-01		
110V / 60Hz	tk 54130-02		
<p>Completa con: 1 Lama Ø 50 mm, tk 24006-02 1 Lama Ø 65 mm, tk 24006-03 1 Lama per autopsia, tk 54 133-01 1 Chiave Lubrificante Cavo di alimentazione 5 metri Manuale di istruzioni</p>		<p>Potenza variabile senza soluzione di continuità Partenza dolce Solamente 52 – 77 db(A) Compensazione automatica di potenza Doppio isolamento del motore (classe II) Classe medica BF Costruzione solida e resistente Altamente efficace Assenza di vibrazioni Non necessita manutenzione In accordo al marchio CE EN 60601-1 / -1-2</p>	
<p>Dati tecnici: Asorbimento 500 W Protezione da sovraccarico Isolata elettricamente Isolata per le interferenze Peso 1.25 kg 6500 – 24000 oscillazioni/min.</p>		<p>1 anno di garanzia sul motore e trasmissione (solo in caso di corretto utilizzo) 2 anni di garanzia</p>	

Sägeblätter
Saw blades

Lames de scie
Hojas de sierra
Lame per sega



Ø 50 mm **tk 54132-01**

Segmental saw blade
Segmental saw blade

Scie à segments
Hoja de segmento
Lama segmentale

tk 54133-01 **tk 54133-10**

Sägeblatt Schaft
Saw blade Shaft

Lame de scie Tige
Hoja Tija
Lama Asta



Ø 65 mm **tk 54132-05**

Tiefensägeblatt mit Excenter Ring
für eine Schnitttiefe von 4-11 mm

*Circular saw blade with eccentric ring
to vary the depth of the cut from 4-11 mm*

Scie circulaire avec disque excentrique permettant
de faire varier la profondeur de coupe de 4-11 mm

*Hoja circular con excéntrica para variar la
profundidad del corte de 4-11 mm*

Lama circolare con limitatore eccentrico per
profondità di taglio differenziate da 4-11 mm

tk 54133-05 **tk 24006-04** **tk 54133-11**

Excenterring Sägeblatt Schaft
Eccentric ring Saw blade Shaft

Disque de limitation Lame de scie Tige
Excéntrica Hoja Tija
Disco limitatore Lama Asta

Sägeblätter
Saw blades

Lames de scie
Hojas de sierra
Lame per sega



Ø 45 mm **tk 54132-06**

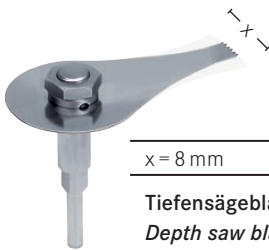
Doppelsägeblatt komplett
Circular double saw blade

Scie jumelée, circulaire
Hoja circular, doble
Lama doppia, circolare

tk 54133-06 **tk 54133-07** **tk 54133-11**

Sägeblatt (1) Sägeblatt (2) Schaft
Saw blade (1) *Saw blade (2)* *Shaft*

Lame de scie (1) Lame de scie (2) Tige
Hoja (1) *Hoja (2)* *Tija*
Lama (1) Lama (2) Asta



x = 8 mm **tk 54132-03**

Tiefensägeblatt komplett, schmal
Depth saw blade, narrow

Scie en profondeur, étroite
Hoja de profundidad estrecho
Lama profunda sottile

tk 54133-03 **tk 54133-10**

Sägeblatt Schaft
Saw blade *Shaft*

Lame de scie Tige
Hoja *Tija*
Lama Asta



x = 20 mm **tk 54132-02**

Tiefensägeblatt komplett
Depth saw blade

Scie en profondeur
Hoja de profundidad
Lama profunda

tk 54133-02 **tk 54133-10**

Sägeblatt Schaft
Saw blade *Shaft*

Lame de scie Tige
Hoja *Tija*
Lama Asta



Verschiedenes
Miscellaneous

Articles divers
Diversos artículos
Articoli vari



Bleihände | Manches en plomb
Lead hands | Manos de plomo
| Mani di piombo



tk48180-01	tk48180-02
für Kinder <i>for children</i>	für Erwachsene <i>for adults</i>
pour enfants <i>para niños</i> per bambini	pour adultes <i>para adultos</i> per adulti



tk48180-04	tk48180-03
für Kinder, mit Silikonüberzug <i>child size with silicone coating</i>	für Erwachsene, mit Silikonüberzug <i>adult size with silicone coating</i>
pour enfants, avec couche de silicone <i>para niños, con cubierta de silicon</i> per bambini, rivestito di silicone	pour adultes, avec couche de silicone <i>para adultos, con cubierta de silicon</i> per adulti, rivestito di silicone

Instrumente für Finger- und Zehennägel
Nail instruments

Instruments à ongles
Instrumentos para uñas
Strumenti per unghie



1:2

MARTÍN-IDEAL

tk48184-10

komplett mit Fig. 1 – 3
complete with Fig. 1 – 3
complet avec Fig. 1 – 3
completa con Fig. 1 – 3
completo con Fig. 1 – 3



1:1



1:1



1:1

	Fig. 1	Fig. 2	Fig. 3
	tk48185-01	tk48185-02	tk48185-03
tk48185-00	x	x	x

Satz
Set
Jeu
Juego
Serie



1:2

FELDHEIM

100 mm – 4"

tk48182-10

Finger- und Zehenkompressorium
Tourniquet for fingers and toes
Tourniquet pour doigts des mains et pieds
Tourniquete para los dedos de manos y piés
Compressorio per dita di mano e piede

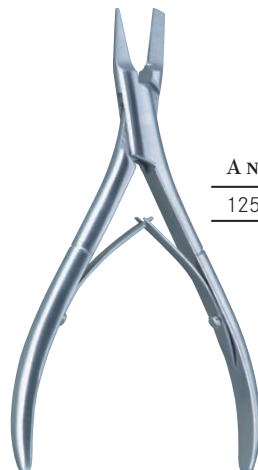


1:2

RADOLF

135 mm – 5 1/4"

tk48196-13



1:2

ANVIL

125 mm – 5"

tk48197-12

Fingerringsägen
Finger ring saws

Scies pour couper des bagues
Sierras para abrir anillos
 Seghe per anelli



1:2

170 mm – 6¾"

tk48188-17

tk48188-01

Sägeblatt allein
Blade only
 Lame seule
Hoja sola
 Lama sola



1:2

WALTON

160 mm – 6¼"

tk48190-16

tk48190-01

Sägeblatt allein
Blade only
 Lame seule
Hoja sola
 Lama sola



1:2

170 mm – 6¾"

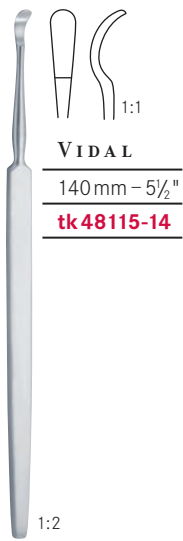
tk48192-17

tk48192-01

Sägeblatt allein
Blade only
 Lame seule
Hoja sola
 Lama sola

Lupuslöffel
Lupus curettes

Curettes pour les lupus
Curetas para lupus
Curette per lupus



VIDAL

140mm – 5½"

tk48115-14



Fox



1:1



1:1



1:1



1:1

	Fig. 1	Fig. 2	Fig. 3	Fig. 4
	3 mm Ø	4 mm Ø	5 mm Ø	6 mm Ø
140mm – 5½"	tk48120-01	tk48120-02	tk48120-03	tk48120-04



WOLFF



1:1



1:1



1:1



1:1



1:1



1:1

	Fig. 1	Fig. 2	Fig. 3	Fig. 4	Fig. 5	Fig. 6
140mm – 5½"	tk48125-01	tk48125-02	tk48125-03	tk48125-04	tk48125-05	tk48125-06

Häkchen
Hooklets
Crochets
Ganchos
Uncini



KILNER

150 mm – 6"

tk48128-15

1:2



GILLIES

180 mm – 7"



Fig. 1

tk48130-01



Fig. 2

tk48130-02

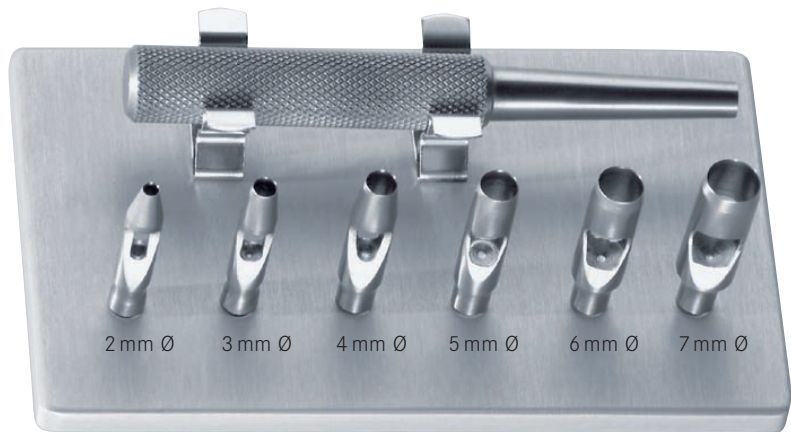
1:2

Trephinen
Trephines | Trépan
Trépanos
 Trefine



1:2

KEYES	1:1	1:1	1:1	1:1	1:1	1:1	1:1
	Fig. 1	Fig. 2	Fig. 3	Fig. 4	Fig. 5	Fig. 6	Fig. 7
	2 mm Ø	3 mm Ø	4 mm Ø	5 mm Ø	6 mm Ø	7 mm Ø	8 mm Ø
120 mm – 4¾"	tk48150-02	tk48150-03	tk48150-04	tk48150-05	tk48150-06	tk48150-07	tk48150-08



1:1

KEYES

tk48147-00

Hautstanze – komplett mit 6 auswechselbaren Aufsätzen, Ø 2 mm – 7 mm

Punch – complete with 6 interchangeable tips, Ø 2 mm – 7 mm

Poinçon – complet avec 6 pointes interchangeables, Ø 2 mm – 7 mm

Punzón – completo con 6 puntas intercambiables, Ø 2 mm – 7 mm

Punzone – completo con 6 testine intercambiabili, Ø 2 mm – 7 mm

KEYES	1:1	1:1	1:1	1:1	1:1	1:1
	2 mm Ø	3 mm Ø	4 mm Ø	5 mm Ø	6 mm Ø	7 mm Ø
120 mm – 4¾"	tk48147-02	tk48147-03	tk48147-04	tk48147-05	tk48147-06	tk48147-07

Aufsätze

Tips

Pointes

Puntas

Testine

KEYES

120 mm – 4¾" | **tk48147-01**

Griff, allein
Handle, only

Manche, seul
Mango, solo
 Manico, solo



1:2

HOLTH

90 mm – 3½"

2 mm

tk40760-09

Hautstanze
Punch

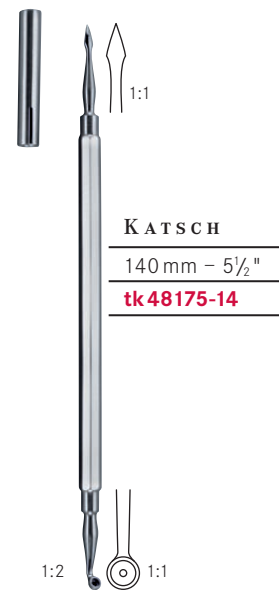
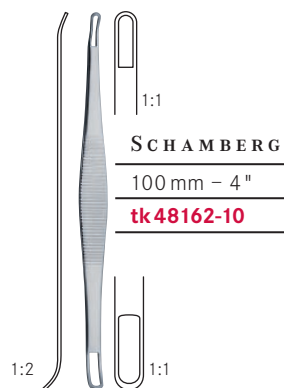
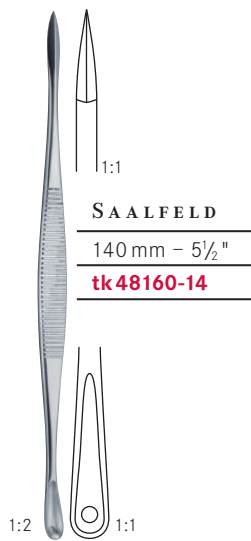
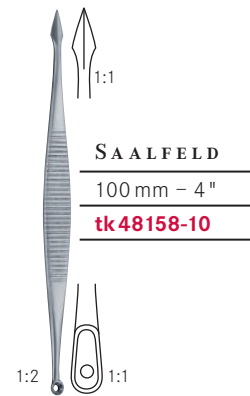
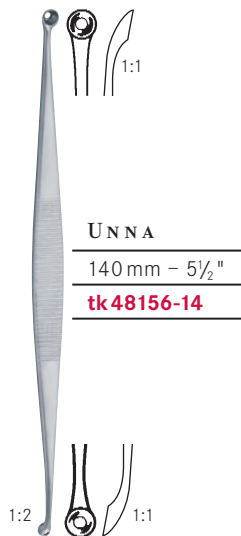
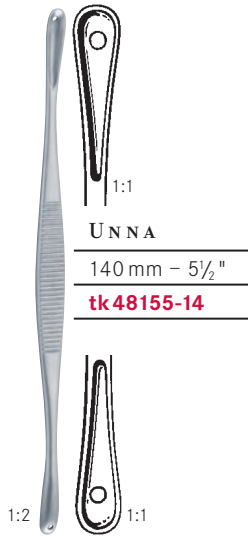
Poinçon

Punzón

Punzone

Komedoneninstrumente
Comedone extractors

Tire-comédons
Saca-comedones
Tiracomedoni



Infusionsflaschenöffnungszange
Forceps to open infusion bottles

Pince pour ouvrir des bouteilles d'infusion
Pinza para abrir botellas de infusión
Pinza apriflebo



200 mm – 8 "

tk32560-20

Sterilisierzangen – Abfallzangen
Sterilizing forceps – waste forceps

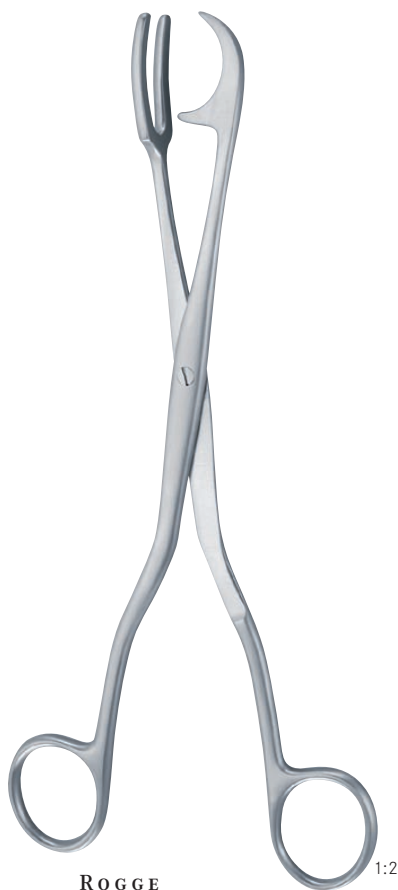
Pinces à stérilisation – pincettes à déchets
Pinzas de esterilización – pinzas de basuras
 Pinze per sterilizzazione – pinze per rifiuti



CHEATLE

1:2

270 mm – 10 $\frac{3}{4}$ "	tk 55100-00
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ROGGE

1:2

230 mm – 9"	tk 55102-23
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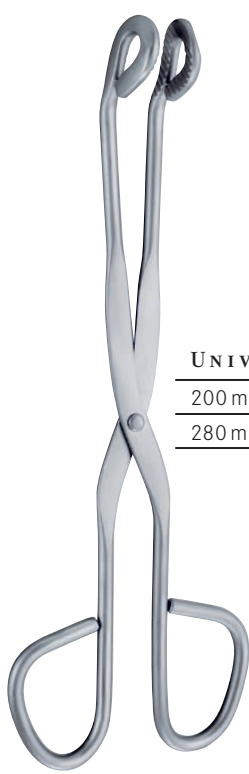


200 mm – 8"	tk 55104-20
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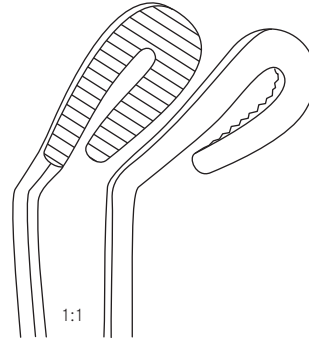
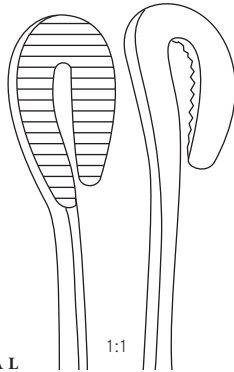
300 mm – 12"	tk 55104-30
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Sterilisierzangen – Sterilisierklammern – Kappenzangen
Sterilizing forceps and pins – forceps with lid

Pinces à stérilisation – pincen en boîtiers avec couvercles
Pinzas y cadres de esterilización – combinación tapa/pinza
 Pinze e spille per sterilizzazione – pinze porta cotone



UNIVERSAL



200 mm – 8 "	tk 55105-20	tk 55103-20
280 mm – 11 "	tk 55105-28	tk 55103-28



BUNT

1:2

120 mm – 4¾ "	tk 55108-12
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MAYO

1:2

140 mm – 5½ "	tk 55109-14
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1:3

250 mm – 9¾ "	tk 55345-25
320 mm – 12½ "	tk 55345-32

- 1 Kornzange, gebogen, mit Sperre mit Deckel
- 1 Standgefäß mit großer, standsicherer Bodenplatte
- 1 Tampon forceps, curved, with ratchet with lid for jar
- 1 Jar with wide bottom plate
- 1 Pince à tampons, courbe, avec crémaillère
- 1 Boîtier, stable
- 1 Pinza para tampones con cremallera
- 1 Cazoleta de metal
- 1 Pinza per medicatura
- 1 Recipiente metallico

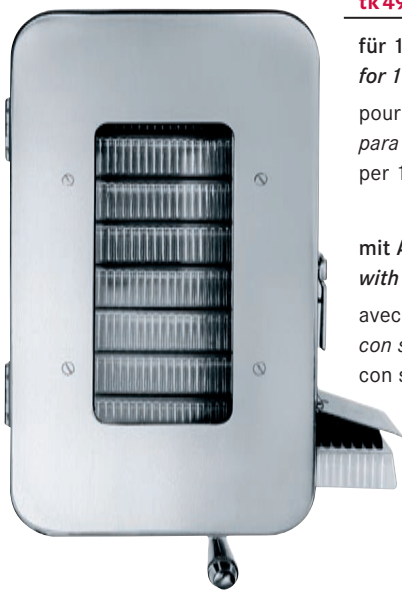
Handwaschbürste – Bürstenspender
Hand and nail brush – brush dispensers

Brosse à ongles – distributeurs de brosses
Cepillo para uñas – dispensadores de cepillos
 Spazzola per unghie – distributore per spazzole



tk 4950-00

Handwaschbürste
Brush
 Brosse
Cepillo
 Spazzola



tk 4960-10

für 10 Bürsten (ohne Bürsten)
for 10 brushes (without brushes)
 pour 10 brosses (sans brosses)
para 10 cepillos (sin cepillos)
 per 10 spazzole (senza spazzole)

mit Aufhängevorrichtung
with suspension
 avec suspension
con suspensión
 con suspensione

tk 4962-20

für 20 Bürsten (ohne Bürsten)
for 20 brushes (without brushes)
 pour 20 brosses (sans brosses)
para 20 cepillos (sin cepillos)
 per 20 spazzole (senza spazzole)

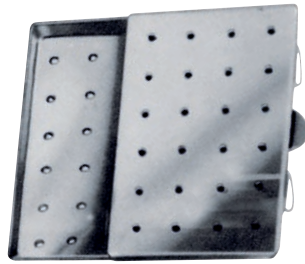
mit Aufhängevorrichtung
with suspension
 avec suspension
con suspensión
 con suspensione

tk 4963-20

für 20 Bürsten (ohne Bürsten)
for 20 brushes (without brushes)
 pour 20 brosses (sans brosses)
para 20 cepillos (sin cepillos)
 per 20 spazzole (senza spazzole)

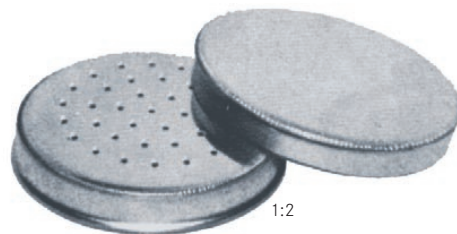
ohne Aufhängevorrichtung
without suspension
 sans suspension
sin suspensión
 senza suspensione

Nadel-Sterilisierkästen
Sterilizing trays for needles

 Boîtes à stérilisation des aiguilles
 Cajas de esterilización para agujas
 Scatole per sterilizzazione aghi


50.0 mm x 25.0 mm x 4.5 mm	tk 55210-50
65.0 mm x 42.0 mm x 8.0 mm	tk 55210-65
75.0 mm x 25.0 mm x 4.5 mm	tk 55210-75

18/8 rostfrei	gelocht
<i>18/8 stainless steel</i>	<i>perforated</i>
18/8 inoxyvable	perforé
<i>18/8 inoxidable</i>	<i>perforado</i>
18/8 inossidabile	perforato



65 mm Ø x 17 mm	tk 55250-65
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gelochte Innendose, ungelochte Außendose, 18/8 rostfrei
perforated insert, outer case not perforated, 18/8 stainless steel
 insert perforé, boîtier non perforé, 18/8 inoxyvable
inserto perforado, caja no perforada, 18/8 inoxidable
 scatola interna forata, scatola esterna non forata, inossidabile 18/8

62 mm Ø x 15 mm	tk 55250-62
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gelochte Innendose, 18/8 rostfrei
perforated insert, 18/8 stainless steel
 insert perforé, 18/8 inoxyvable
inserto perforado, 18/8 inoxidable
 scatola interna forata, 18/8 inossidabile

Nadel-Sterilisierkästen
Sterilizing trays for needles

Boîtes à stérilisation des aiguilles
Cajas de esterilización para agujas
Scatole per sterilizzazione aghi



150 mm x 95 mm x 13 mm

tk 55314-01

geloct, 18/8 rostfrei
perforated, 18/8 stainless steel
perforé, 18/8 inoxydable
perforado, 18/8 inoxidable
perforato, 18/8 inossidabile



150 mm x 95 mm x 13 mm

tk 55313-01

tk 55313-02

tk 55313-03

18/8 rostfrei
18/8 stainless steel
18/8 inoxydable
18/8 inoxidable
18/8 inossidabile

ungeloct
not perforated
non perforé
no perforado
non perforato

geloct
perforated
perforé
perforado
perforato

Deckel ungelocht, Boden geloct
Cover not perforated, bottom perforated
Couvercle non perforé, boîtier perforé
Tapa no perforado, caja perforado
Coperchio non perforato, fondo perforato

Verschiedene Behälter
Different containers

 Boîtes diverses
 Contenedores varios
 Vassoi diversi


0.75l	165 mm Ø x 60 mm	tk 83105-15
1.00l	175 mm Ø x 70 mm	tk 83105-17
2.00l	220 mm Ø x 80 mm	tk 83105-18
3.00l	240 mm Ø x 110 mm	tk 83105-26
4.50l	275 mm Ø x 115 mm	tk 83105-28
6.00l	290 mm Ø x 125 mm	tk 83105-30
6.00l	310 mm Ø x 120 mm	tk 83105-32
8.50l	345 mm Ø x 125 mm	tk 83105-36
11.00l	380 mm Ø x 130 mm	tk 83105-39

0.05l	40 mm Ø x 19 mm	tk 83110-02
0.07l	61 mm Ø x 30 mm	tk 83110-05
0.14l	80 mm Ø x 40 mm	tk 83110-09
0.35l	116 mm Ø x 50 mm	tk 83110-13
0.45l	128 mm Ø x 55 mm	tk 83110-15
0.70l	147 mm Ø x 65 mm	tk 83110-20

Schüsseln und Laborschalen, matt, 18/8 rostfrei
Bowls, tarnished, 18/8 stainless steel
Coupoles, depoli, 18/8 inoxydable
Palanganas, 18/8 inoxidable
Scodelle, inossidabile 18/8


170 mm x 95 mm x 25 mm	tk 83165-17
200 mm x 95 mm x 30 mm	tk 83165-20
250 mm x 125 mm x 35 mm	tk 83165-25
275 mm x 140 mm x 40 mm	tk 83165-27

Nierenschalen, matt, 18/8 rostfrei
Kidney bowls, tarnished, 18/8 stainless steel
Haricots, depoli, 18/8 inoxydable
Riñoneras, 18/8 inoxidable
Baccinella reniforme, 18/8 inossidabile

Verschiedene Behälter
Different containers

Boîtes diverses
Contentedores varios
Vassoi diversi



30 mm Ø x 90 mm	tk 83142-08
50 mm Ø x 100 mm	tk 83142-11
50 mm Ø x 130 mm	tk 83142-12
50 mm Ø x 175 mm	tk 83142-16
75 mm Ø x 100 mm	tk 83143-14
75 mm Ø x 130 mm	tk 83143-17
75 mm Ø x 175 mm	tk 83143-20

18/8 rostfrei, Standgefäße, ohne Deckel
18/8 stainless steel, mugs, without cover

18/8 inoxydable, boîtiers, sans couvercle
18/8 inoxidable, cilindros sin tapa
18/8 inossidabile, recipienti cilindrici



95 mm Ø x 60 mm **tk 83160-90**

Sputumbecher, matt, 18/8 rostfrei
Sputum mugs, tarnished, 18/8 stainless steel

Coupoles, depoli, 18/8 inoxydable
Escupideras, mate, 18/8 inoxidable
Sputacchiera, 18/8 inossidabile



0,05l | 50 mm Ø x 50 mm **tk 83155-50**

Medizinbecher, graduert, matt, 18/8 rostfrei
Medicine cup, graduated, tarnished, 18/8 stainless steel

Timbale, graduée, depolie, 18/8 inoxydable
Vaso, graduado, mate, 18/8 inoxidable
Recipiente, graduato, 18/8 inossidabile



95 mm Ø x 60 mm	tk 83153-09
105 mm Ø x 60 mm	tk 83153-10
120 mm Ø x 120 mm	tk 83153-12
160 mm Ø x 140 mm	tk 83153-15

Wattedosen mit Knopfdeckel, 18/8 rostfrei
Dressing jars with cover, 18/8 stainless steel

Boîtes à pansements avec couvercle, 18/8 inoxydable
Dispensadores de algodón, 18/8 inoxidable
Dispensori di cotone, 18/8 inossidabile

Verschiedene Behälter
Different containers

 Boîtes diverses
 Contenedores varios
 Vassoi diversi


0.50 l	115 mm Ø x 115 mm	tk 83122-05
1.00 l	140 mm Ø x 160 mm	tk 83122-10
1.50 l	155 mm Ø x 160 mm	tk 83122-15
2.00 l	160 mm Ø x 185 mm	tk 83122-20

Messbecher, graduert, matt, 18/8 rostfrei
Jugs, graduated, tarnished, 18/8 stainless steel

Gobelets gradué, depoli, 18/8 inoxydable
Vasos mediadas, mate, 18/8 inoxidable
 Bicchieri graduati, 18/8 inossidabile



tk 83170-23	tk 83170-31
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für Kinder
for children

pour enfants
para niños
 per bambini

für Erwachsene
for adults

pour adultes
para adultos
 per adulti

Stechbecken, matt, 18/8 rostfrei
Bedpans, tarnished, 18/8 stainless steel

Bassins hygiénique, depoli, 18/8 inoxydable
Silletas, mate, 18/8 inoxidable
 Padelle, 18/8 inossidabile

Instrumententabletts, Instrumentenkästen
Instrument trays, Instrument boxes

Plateaux pour instruments, boîtes pour instruments
Bandejas para instrumentos, cajas para instrumentos
 Bacinelle per strumenti, scatole per strumenti



200 mm x 150 mm x 20 mm	tk 83131-19
240 mm x 160 mm x 30 mm	tk 83131-24
300 mm x 220 mm x 30 mm	tk 83131-29
350 mm x 250 mm x 40 mm	tk 83131-32
400 mm x 300 mm x 40 mm	tk 83131-38

Sprizentabletts, 18/8 rostfrei
Trays for syringes, 18/8 stainless steel
 Tableaux pour seringues, 18/8 inoxydable
Bandejas para jeringas, 18/8 inoxidable
 Baccinelle per siringhe, 18/8 inossidabile



165 mm x 90 mm x 35 mm	tk 83147-16
200 mm x 100 mm x 50 mm	tk 83147-21
220 mm x 150 mm x 50 mm	tk 83147-22
260 mm x 50 mm x 50 mm	tk 83147-26
305 mm x 205 mm x 50 mm	tk 83147-30

Instrumentenkästen mit Deckel, matt, 18/8 rostfrei
Instrument trays with cover, tarnished, 18/8 stainless steel
 Boites à instruments avec couvercle, dépoli, 18/8 inoxydable
Cajas para instrumentos con tapa, 18/8 inoxidable
 Scatole per strumenti, 18/8 inossidabile

Sterilisiertrommeln
Sterilizing drums

 Tambours à stérilisation
Tambores para esterilización
 Tambori per sterilizzazione

SCHIMMELBUSCH

106 mm Ø x 116 mm	tk 55450-12
188 mm Ø x 183 mm	tk 55450-20
239 mm Ø x 159 mm	tk 55450-23
239 mm Ø x 238 mm	tk 55450-24
285 mm Ø x 159 mm	tk 55450-28
334 mm Ø x 236 mm	tk 55450-34
384 mm Ø x 286 mm	tk 55450-39

Sterilisiertrommeln, Maße inklusive überstehender Teile, 18/8 rostfrei
Sterilizing drums, overall measurements, 18/8 stainless steel

Tambours à stérilisation, dimensions totales, 18/8 inoxydable
Cilindros para esterilización, medidas totales, 18/8 inoxidable
 Scatole per sterilizzazione, 18/8 inossidabile


KONRICH

106 mm Ø x 118 mm	tk 55460-12
138 mm Ø x 105 mm	tk 55460-14
156 mm Ø x 146 mm	tk 55460-20
188 mm Ø x 140 mm	tk 55460-21
239 mm Ø x 160 mm	tk 55460-24
239 mm Ø x 240 mm	tk 55460-25
285 mm Ø x 160 mm	tk 55460-29
285 mm Ø x 124 mm	tk 55460-30
334 mm Ø x 238 mm	tk 55460-34
384 mm Ø x 288 mm	tk 55460-39

Sterilisiertrommeln, Maße inkl. überstehender Teile, 18/8 rostfrei
Sterilizing drums, overall measurements, 18/8 stainless steel

Tambours à stérilisation, dimensions totales, 18/8 inoxydable
Cilindros para esterilización, medidas totales, 18/8 inoxidable
 Scatole per sterilizzazione, 18/8 inossidabile

Sterilisierbehälter
Sterilizing cases

 Boîtes de stérilisation
 Cajas para esterilización
 Scatole per sterilizzazione

402 mm x 158 mm x 112 mm	tk 55470-01
402 mm x 158 mm x 52 mm	tk 55470-02
392 mm x 138 mm x 77 mm	tk 55470-03
392 mm x 138 mm x 32 mm	tk 55470-04
182 mm x 138 mm x 32 mm	tk 55470-05
302 mm x 158 mm x 112 mm	tk 55470-06
302 mm x 158 mm x 52 mm	tk 55470-07
332 mm x 118 mm x 67 mm	tk 55470-08
332 mm x 118 mm x 27 mm	tk 55470-09
162 mm x 118 mm x 27 mm	tk 55470-10



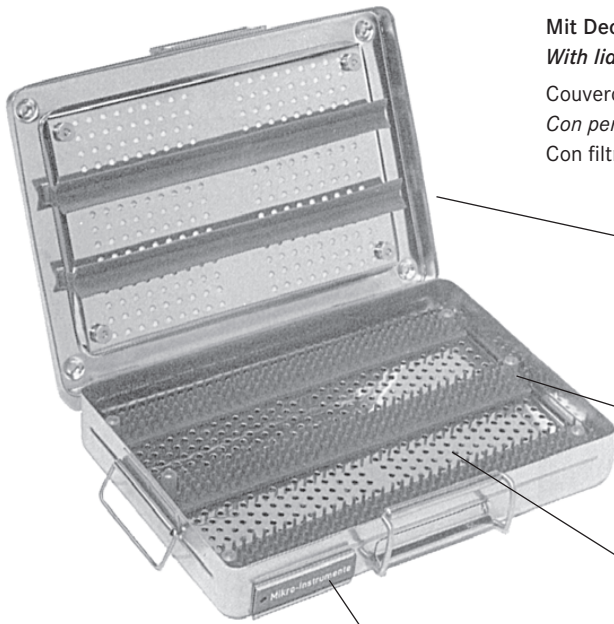
Behälterunterteil und Deckel sind tiefgezogen. Beide Teile sind gelocht und mit Baumwollfiltern ausgestattet. Zum raschen Filterwechsel wurden jeweils nur zwei Rändelmuttern angebracht. Der Deckel ist aus rostfreiem Edelstahl 1.4301 hergestellt. Eine im Deckel integrierte Silikonichtung sorgt für absolute Dichtigkeit. Das Behälterunterteil aus Aluminium ist bronzeeloxiert, kann aber auf Wunsch auch andersfarbig eloxiert werden. Die Schnellspanverschlüsse mit Tragegriff sind plombierbar und ab einer Höhe von 60 mm angebracht.

Both parts are deep-drawn. Both parts are perforated and include cotton filters. Easy handling for changing the filters. The cover is made of stainless steel NO. 1.4301. A silicone sealing is incorporated in the cover to ensure a absolute thightness. The bottom part ist made of eloxated aluminium. Colours on request. The locking systems can be sealed and are fixed in a height of 60 mm.

Couvercle et boîtier sont emboutis. Les deux parties sont perforées et contiennent des filtres en coton. Changement rapide des filtres avec deux molettes. Le couvercle est d'acier inox 1.4301. Un joint en silicone dans le couvercle garanti l'étanchéité. Le boîtier est d'aluminium eloxé. Différentes couleurs sur demande. Les fermetures et poignées peuvent être plombées. Elles sont fixées à partir d'une altitude de 60 mm.

Fondo y tapa son embutidos. Ambos partes son perforados y equipados con filtros de textil. Cambio rapido de los filtros. La tapa es de acero inoxidable 1.4301. Juntas de silicona, incorporadas en la tapa garantizan la hermetizidad de los contenedores. El fondo es de aluminio eloxado. Colores según demanda. Los cierres y los mangos pueden ser plombeados y son montados a partir de una altitud de 60 mm.

Coperchio e contenitore costruiti in un pezzo unico, senza saldature; entrambi sono forati e sono forniti di filtri di cotone. Facilità di sostituzione dei filtri. Il coperchio è fatto di acciaio inox N. 1.4301. Una guarnizione in silicone è incorporata nel coperchio per assicurare una ermeticità assoluta. Il fondo è di alluminio anodizzato. Colori su richiesta. Il sistema di chiusura può essere sigillato ed il fissaggio ha una altezza di 60 mm.

Instrumenten-Kassetten aus Edelstahl
Instrument trays made of stainless steel
Contenaires d'instruments en acier inox
Caja para instrumental en acero inox
Scatole per sterilizzazione di acciaio inossidabile


Mit Deckel- und Bodenlochung mit Textil-Langzeitfiltern für Dampfsterilisation
With lid and bottom perforation with textil "Longterm" filters for steam sterilisation
 Couvercle et boîtier perforé avec filtre en textile pour stérilisation à vapeur
Con perforación en tapa y fondo, con filtros en tejido para esterilización a vapor
 Con filtri tessili, per la sterilizzazione a vapore

Silikon-Andrückleisten zum Fixieren der Instrumente
Silicone protective strips for fixation of instruments

Tapis en silicone pour fixer les instruments
Tiras de silicon para fijar los instrumentos
 Righe di silicone per fissare gli strumenti

Silikon-Noppenstreifen zur schonenden Auflage der Instrumente
Silicon strips for a soft and protective storage of the instruments

Tapis en silicone pour la protection des instruments
Matas de silicon para proteger los instrumentos
 Stuoie di silicone per proteggere gli strumenti

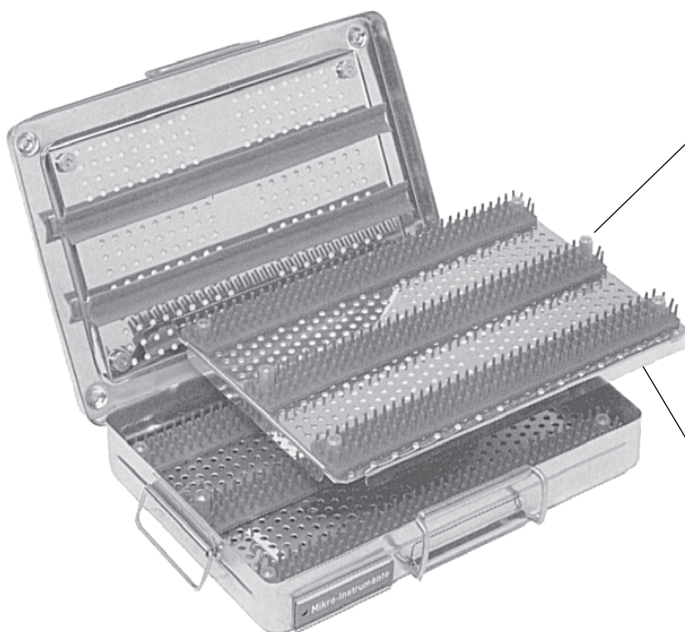
1 herausnehmbare Siebplatte
1 removable tray insert

1 tableau pour sortir
1 placa para sacar
 1 cestello

Kennzeichnungsschilder nach Wahl (Farbe und Text)
Marking plate for selection: colour and description

Plaquette d'identification (texte et couleur selon demande)
Placas de identificación a opción (color y texto)
 Placche d'identificazione (colore a scelta)

280 x 195 x 55 mm	265 x 255 x 55 mm	380 x 260 x 55 mm	200 x 140 x 55 mm	470 x 250 x 55 mm
tk 85100-01	tk 85101-01	tk 85102-01	tk 85103-01	tk 85104-01



wärmeisolierende Halteknöpfe zum Herausheben
heatisolated handles

pins isolés pour sortir des tableaux
pernos aislados para sacar las placas
 maniglia a forma di botone

2 herausnehmbare Siebplatten
2 removable tray inserts

2 tableaux detachables
2 placas para sacar
 2 cestelli

Silikon-Andrückleisten an der Unterseite des Siebes
Silicon protective strips at the lower side of the tray

Tapis de silicone à la partie inférieure des tableaux
Tiras de silicon a bajo de las placas
 Righe di silicone

280 x 195 x 65 mm	265 x 255 x 65 mm	380 x 260 x 65 mm	200 x 140 x 65 mm	470 x 250 x 65 mm
tk 85100-03	tk 85101-03	tk 85102-03	tk 85103-03	tk 85104-03

Sterilisierbehälter
Sterilizing cases

Boîtes de stérilisation
Cajas para esterilización
Scatole per sterilizzazione



STERILIZATION



Steril Container – System II
Steril Container – System II

Contenaires pour stérilisation – système II
Contenedores para esterilización – sistema II
Cestelli per sterilizzazione – sistema II



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Pflegemittel – Spezial Ölspray
Detergent – special oilspray

Détergent – spray huileux
Detergente – spray de aceite
 Detergente – olio speciale spray



tk 95000-00

Indikation und Anwendung:

- Zum Schmieren gereinigter chirurgischer Instrumente, auch solcher mit Gelenken
- Das Einsprühen erfolgt nach der Reinigung und vor der Sterilisation der Instrumente mit Dampf, Gas oder Heißluft (bis 200°C)
- Eignet sich zur Verwendung in der Zentralsterilisation ebenso wie in kleineren Sterilisations-Einheiten, sowie in der ärztlichen, zahnärztlichen und der tierärztlichen Praxis

Technische Daten – Bestellinformationen

Merkmale:

- Hauptbestandteil: flüssiges Paraffin
- Enthält keine Silikonanteile
- Sprühkopf mit spezieller Sprühkanüle

Vorteile:

- Verringert die Anfälligkeit für Fleckenbildung und Verfärbung
- Vermindert Eiweiß- und Mineralablagerungen
- Ein mikrofeiner Ölfilm ermöglicht ein leichtes und schnelles Reinigen der Instrumente
- Durch die hohe Kriechfähigkeit gelangt das Paraffinöl selbst in feinste Gelenke und Schlüsse
- Verlängert die Lebensdauer der Instrumente und reduziert die Notwendigkeit von Reparaturen
- Verlängert die Schneidfähigkeit von Scheren
- Rostvorbeugend
- Physiologisch unbedenklich
- Vermeidet Krustenbildung auf den Instrumentenoberflächen
- Sprühstrahl kann gezielt in Gelenke und Steckverschlüsse gerichtet werden
- Sparsam im Gebrauch

Indication and application:

- To lubricate cleaned surgical instruments, also with boxlocks or pivot joints
- The spray is applied on instruments after cleaning and drying but prior to sterilization by steam, gas or hot air (up to 200°C)
- May be used in central sterilization departments, as well as in smaller sterilization units, or in medical, dental and veterinary surgeries

Technical data – order information

Feature:

- Lubricant: Paraffinum liquidum
- Free of silicone components
- Nozzle head with special spray cannula

Advantages:

- Reduces staining and spotting
- Less protein- and mineral deposits on the instrument surface
- Facilitates quick and easy instrument cleaning
- Paraffin oil reaches even the smallest boxlocks or pivot joints
- Prolongs the shelf life of surgical instruments and helps to reduce repairs
- Prolongs the sharpness of scissors and blades
- Rust preventive
- Preventive lubrication
- Physiologically harmless
- Avoids incrustation on instrument surfaces
- Allows precise spraying directly into pivot joints and boxlocks
- Economical

Pflegemittel – Spezial Ölspray
Detergent – special oilspray

Détergent – spray huileux
 Detergente – spray de aceite
 Detergente – olio speciale spray

tk 95000-00

Indication / Application:

- Pour lubrifier des instruments nettoyés avec ou sans joints
- L'huile est appliqué après le nettoyage et séchage, mais avant la stérilisation à vapeur, gas ou air chaude (max. 200°C)
- Pour l'utilisation dans la stérilisation centrale ainsi que dans des cabinets privés de dentaire et vétérinaire

Dates techniques / Informations

Caractéristiques:

- Composants principal : paraffine liquide
- Ne contient pas du silicone
- Canule fine pour application directe

Avantages:

- Réduit la réceptivité du matériel pour des taches et de décoloration
- Réduit des dépôts des protides et des minéraux
- Facilite la nettoyage simple et rapide des instruments
- Prolonge la durée de vie des instruments et réduit la nécessité des réparations
- Les joints des instruments restent mobiles
- Préviens à la corrosion
- Sans inconvénient physiologique
- Evite des incrustations sur les instruments
- Permet une application précise dans les articulations et joints
- Economique

Indicación / Aplicación:

- Para lubricar instrumental lavado, con articulaciones y cavidades
- El spray se aplica después de la limpieza y secado pero antes de la esterilización a vapor, gas o aire caliente (hasta 200°C)
- Recomendado para utilizarse en centrales de esterilización, como también en pequeños lugares de esterilización, en consultorios médicos, dentales y veterinarios

Datos técnicos / Información para pedido

Propiedades:

- Componentes: parafina líquida
- Libre de componentes de silicona
- Cabezal del spray con cánula especial

Ventajas:

- Reduce la formación de manchas y decoloraciones
- Reduce los depósitos de minerales y proteínas en la superficie del instrumental
- Facilita la limpieza rápida y fácil del instrumento
- El aceite de parafina alcanza llegar hasta en las mas pequeñas cavidades y articulaciones
- Prolonga la vida útil del instrumento y reduce la necesidad de reparaciones
- Prolonga la vida filo de las tijeras
- Preventivo a la corrosión
- Lubricación preventiva
- Fisiológicamente inofensivo
- Evita incrustaciones en la superficie del instrumental
- Permite una aplicación precisa en las articulaciones y en cavidade
- Económico

tk 95000-00

Indicazioni / Applicazioni:

- Per lubrificare strumenti puliti, anche con fermi o giunti
- Lo spray va applicato sugli strumenti dopo la pulizia e l'asciugatura ma prima della sterilizzazione a vapore, gas o aria calda (oltre a 200°C)
- Può essere utilizzato nelle grandi centrali di sterilizzazione così come nelle piccole unità, o in dipartimenti medici, dentistici e veterinari

Caratteristiche Tecniche / Informazioni per l'acquisto

Caratteristiche:

- Lubrificante: Paraffina liquida
- Senza componenti in silicone
- Tappo con speciale cannula spray

Vantaggi:

- Riduce le macchie e gli scolorimenti
- Minori depositi proteici e minerali sulla superficie degli strumenti
- Garantisce una veloce e facile pulizia degli strumenti
- L'olio di paraffina raggiunge anche i più piccoli fermi o giunti
- Prolunga la vita degli strumenti chirurgici ed aiuta a ridurre le riparazioni
- Prolunga il filo di forbici e lame
- Previene la ruggine
- Lubrificazione preventiva
- Innocuo fisiologicamente
- Evita le incrostazioni sulla superficie degli strumenti
- Garantisce una irrorazione precisa in giunti e fermi
- Economico

Pflegemittel – Instrumentenmilch
Detergent – instrument milk

Détergent – lait d'instruments
Detergente – leche para instrumental
Detergente – latte per strumenti



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tk 95100-50

Indikation und Anwendung:

- Zur täglichen Pflege von Metall-Instrumenten in Reinigungs-
maschinen oder Instrumentensieben
- Zum Schutz der Instrumente vor Rost und Korrosion –
kein Reinigungs- oder Desinfektionsmittel
- Unentbehrlich nach Ultraschall-Reinigungsverfahren, da die
gleichzeitig entfernten Schmiermittel ersetzt werden müssen
- Eignet sich zur Verwendung in der Zentralsterilisation, ebenso wie
in kleinen Sterilisations-Einheiten, sowie in der ärztlichen, zahn-
ärztlichen und der tierärztlichen Praxis
- Das Konzentrat wird mit handwarmem Wasser im
Verhältnis 1:30 verdünnt
- Die gewaschenen Instrumente werden in die verdünnte
Instrumentenmilch getaucht, abgetropft und anschließend sterilisiert

Technische Daten – Bestellinformationen

Merkmale:

- Hauptbestandteil: flüssiges Paraffin
- Enthält keine Silikonanteile

Vorteile:

- Verringert die Anfälligkeit für Fleckenbildung und Verfärbung
- Vermindert Eiweiß- und Mineralablagerungen
- Ein mikrofeiner Ölfilm ermöglicht ein leichtes und
schnelles Reinigen der Instrumente
- Gelenke und Schlüsse der Instrumente bleiben frei beweglich
- Verlängert die Lebensdauer der Instrumente und
reduziert die Notwendigkeit von Reparaturen
- Keine Nachbehandlung (wie Trocknen, Polieren oder Schmieren)
erforderlich
- Rostvorbeugend
- Physiologiosch unbedenklich
- Vermeidet Krustenbildung auf den Instrumentenoberflächen
- Wirtschaftlich

Indication and application:

- For daily care of metal instruments in trays and
automatic washers
- No disinfectant or detergent, but for care, lubrication and
rust prevention
- Indispensable after ultrasonic cleaning, as removed lubricants
have to be compensated
- May be used in central sterilization departments, as well as in smaller
sterilization units, or in medical, dental and veterinary surgeries
- The concentrate is diluted with lukewarm water (1:30) and filled
into an instrument tray or automatic washer
- The cleaned and rinsed instruments are immersed
in the diluted instrument milk, dripped off and then sterilized

Technical data – order information

Features:

- Lubricant: Paraffinum liquidum
- Free of silicone components

Advantage:

- Reduces staining and spotting
- Less protein- and mineral deposits on the instrument surface
- Facilitates quick and easy instrument cleaning
- Keeps boxlocks and other pivot joints freely moving
- Prolongs the shelf life of surgical instruments
and helps to reduce repairs
- No follow-up treatment necessary (like drying, polishing or oiling)
- Rust preventive
- Physiologically harmless
- Avoids incrustation
- Economical

Pflegemittel – Instrumentenmilch
Detergent – instrument milk

Détergent – lait d'instruments
 Detergente – leche para instrumental
 Detergente – latte per strumenti

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Indication / Application:

- Pour le soin quotidien des instruments en acier, dans des machines à laver ou des contenaires
- Indispensable après le nettoyage à ultrason pour remplacer des lubrifiants
- Pour l'utilisation dans la stérilisation centrale ainsi que dans des cabinets privés de dentaire et vétérinaire
- Le lait d'instrument est concentré et doit être dosé 1 : 30 avec de l'eau tempérée
- Les instruments lavés sont immergés dans le lait d'instruments dilué, égouttés et après stérilisés

Dates techniques / Informations

Caractéristiques:

- Composants principaux: paraffine liquide
- Ne contient pas du silicone

Avantages:

- Réduit la réceptivité du matériel pour des taches et de décoloration
- Réduit des dépôts des protides et des minéraux
- Facilite le nettoyage simple et rapide des instruments
- Prolonge la durée de vie des instruments et réduit la nécessité des réparations
- Les joints des instruments restent mobiles
- Séchage et polissage ne sont pas nécessaires
- Prévient à la corrosion
- Sans inconvénient physiologique
- Evite des incrustations sur les instruments
- Economique

Indicación / Aplicación:

- Para el cuidado diario de instrumental metálico en bandejas o maquinas de limpieza
- No es un desinfectante o detergente, es para el cuidado, la lubricación y la prevención a la corrosión
- Indispensable después de la limpieza con ultrasonido, lubricante eliminado debe ser compensado
- Recomendado para utilizar en centrales de esterilización, como también en pequeños lugares de esterilización, en consultorios médicos, dentales y veterinarios
- El concentrado tiene que ser diluido con agua tibia (1:30) y rellenado en un recipiente para instrumental o lavadora automática
- Los instrumentos lavados se inmersen en el la leche de instrumental milk diluido, escurridos y a continuación esterilizados

Datos técnicos / Información para pedido

Propiedades:

- Componentes: parafina líquida
- Libre de componentes de silicona

Ventajas:

- Reduce la formación de manchas y decoloraciones
- Reduce los depósitos de minerales y proteínas en la superficie del instrumental
- Facilita la limpieza rápida y fácil del instrumento
- Mantiene las articulaciones móviles
- Prolonga la vida útil del instrumento y reduce la necesidad de reparaciones
- No requiere tratamientos secundarios (como secado, pulimento o lubricado)
- Preventivo a la corrosión
- Fisiológicamente inofensivo
- Evita incrustaciones
- Económico

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Indicazioni / Applicazioni:

- Per la cura giornaliera degli strumenti in metallo nei cestelli e lavatrici automatiche
- Non è un disinfettante o un detergente, ma per la manutenzione, lubrificazione e prevenzione della ruggine
- Indispensabile dopo pulizia ultrasonica, poiché questa rimuove il lubrificante che deve essere reintegrato
- Può essere utilizzato nelle grandi centrali di sterilizzazione così come nelle piccole unità, o in dipartimenti medici, dentistici e veterinari
- Il concentrato va diluito in acqua lukewarm (1:30) e versato in un contenitore per strumenti o in una lavatrice automatica
- Gli strumenti puliti e risciacquati vanno immersi nel latte diluito, lasciati sgocciolare e dopo sterilizzati

Caratteristiche Tecniche / Informazioni per l'acquisto

Caratteristiche:

- Lubrificante: Paraffina liquida
- Senza componenti in silicone

Vantaggi:

- Riduce le macchie e gli scolorimenti
- Minori depositi proteici e minerali sulla superficie degli strumenti
- Garantisce una veloce e facile pulizia degli strumenti
- Mantiene liberi di muoversi giunti e fermi
- Prolunga la vita degli strumenti chirurgici ed aiuta a ridurre le riparazioni
- Non necessita di ulteriore trattamento (come asciugatura, lucidatura od oliatura)
- Previene la ruggine
- Inncuo fisiologicamente
- Evita le incrostazioni
- Economico



ENDOSCOPY



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