



Neurochirurgie
Neurosurgery
Neurocirugía
Neurochirurgie
Neurochirurgia

Neuro

Chirurgische Instrumente



Seit 1896



Surgical Innovation is our Passion



Chirurgische Innovation ist unsere Leidenschaft

Wie kommt man dazu, über 12.500 chirurgische Instrumente zu entwickeln, zu fertigen und zu vermarkten? Produkte, die sich durch klare Alleinstellungsmerkmale auszeichnen. Es ist die Leidenschaft, neue Wege zu finden, die Menschen helfen und der Gesundheit dienen.



EN

Surgical Innovation is our passion

What is the secret behind the development, manufacture and distribution of over 12,500 exclusive surgical instruments, products whose distinguishing characteristics truly set them apart from all the others? The answer is passion, the overwhelming desire to discover new ways of serving humankind in its search for ultimate health.

ES

La innovación quirúrgica es nuestra pasión

¿Cómo es posible concebir, producir y comercializar más de 12.500 instrumentos quirúrgicos? Estamos hablando de productos que se caracterizan por unas propiedades exclusivas, claramente definidas. La clave está en que nos motiva la pasión por encontrar nuevos caminos para ayudar a las personas y fomentar la salud.

FR

Notre passion est l'innovation chirurgicale

Comment est-il possible de développer, fabriquer et commercialiser plus de 12.500 instruments chirurgicaux ? Des produits dont les caractéristiques distinctives sont leur position unique sur le marché. Et bien, ceci est en fait dû à la passion de vouloir trouver de nouvelles méthodes afin de venir en aide aux personnes et de servir la santé.

IT

L'innovazione nella chirurgia è la nostra passione

Che cosa ci spinge a progettare, produrre e distribuire più di 12.500 strumenti chirurgici dalle caratteristiche uniche? Sono la nostra passione e il desiderio di aiutare il prossimo e cercare nuove vie per migliorare la salute.



Am Anfang stand die Vision, aus kleinen Firmen eine international agierende Unternehmensgruppe zu bilden. Seit 1896 widmen wir uns der Chirurgie. Heute beschäftigt die KLS Martin Group über 2.000 Mitarbeiter und ist einer der weltweit führenden Konzerne für Entwicklung, Produktion und Vertrieb medizintechnischer Produkte, die in enger Zusammenarbeit mit denjenigen entwickelt werden, die sie letztlich einsetzen: den Chirurgen.

EN

In the beginning there was a vision

Our vision was to create an internationally operating group of companies from a handful of smaller businesses. Since 1896 we have been dedicated to surgery. Today, the KLS Martin Group has a staff of over 2.000 and is one of the leading globally acting enterprises for the development, manufacture and distribution of medical devices. We work hand in hand with those holding the scalpel: the surgeons.

ES

Todo comienzo parte de una visión

Al principio la visión consistía en conformar, a partir de pequeñas empresas, un grupo empresarial con intervención a escala mundial. Desde 1896 nos hemos dedicado a la cirugía. Hoy en día, el KLS Martin Group da trabajo a más de 2.000 personas y se encuentra a nivel mundial entre los consorcios líderes dedicados al desarrollo, producción y comercialización de productos medicotécnicos, diseñados en estrecha colaboración con aquel grupo de personas que finalmente los emplean: los cirujanos.

FR

Tout commença par une vision

Au début, en naquit la vision de pouvoir former un groupe d'entreprises à activités internationales à partir de petites entreprises. Depuis 1896, nous nous consacrons à la chirurgie. Le groupe KLS Martin Group occupe actuellement plus de 2.000 employés et il est l'un des groupes leaders sur le marché mondial dans le secteur du développement, de la production et de la commercialisation de produits médico-techniques, ces produits ayant été développés en étroite collaboration avec ceux les utilisant, c'est-à-dire les chirurgiens.

IT

All'inizio c'era una visione

All'inizio c'era una visione: fondere piccole ditte per creare un gruppo aziendale operante a livello internazionale. Dal 1896 ci dedichiamo alla chirurgia. Oggi il KLS Martin Group ha più di 2.000 dipendenti ed è una delle imprese leader al mondo nella progettazione, produzione e distribuzione di prodotti medicali creati in stretta collaborazione con gli utenti finali: i chirurghi.

Am Anfang
stand eine Vision





Qualitätssicherung ohne Kompromisse

Unsere Produkte erfüllen den Anspruch anwendungsbezogener Funktionalität, intelligenter Handhabung und hoher Qualität. Und wenn es um die Erfüllung dieses Anspruchs geht, machen wir keine Kompromisse. Um dies zu gewährleisten, unterhält KLS Martin ein eigenes hochmodernes Labor sowie ein Technikum, in denen die Qualität unserer Erzeugnisse – auch unter extremen Bedingungen – auf „Herz und Nieren“ getestet und dokumentiert werden.

EN

Quality assurance uncompromising

Our products are designed to consistently meet high demands for application-oriented functionality, intelligent operation and top quality. And we are not prepared to compromise when it comes to meeting the justified expectations of our customers, present and future – your standards become ours. KLS Martin runs their own ultramodern laboratories and a pilot plant, where our products are stress-tested under extreme conditions – every step is documented before release.

ES

Un seguro de calidad sin compromisos

Nuestros productos cumplen el requisito de estar dotados de la funcionalidad conforme a su aplicación, su manipulación es inteligente y son de alta calidad. No transigimos a la hora de cumplir con estas condiciones esenciales. Por este motivo, KLS Martin mantiene un laboratorio propio, altamente moderno, así como una escuela técnica, donde se ensaya y documenta la calidad de nuestros productos – inclusive bajo condiciones extremas –, examinándolos “hasta la médula”.

FR

Une assurance qualité sans compromis

Nos produits répondent aux exigences requises par une fonctionnalité relative à l'application, un maniement intelligent et une qualité élevée. Et nous n'acceptons aucun compromis lorsqu'il s'agit de répondre à ces exigences. KLS Martin possède à ce but son propre laboratoire ultramoderne et son centre technique dans lesquels la qualité de nos produits fabriqués est testée minutieusement – même sous des extrêmes conditions – et les résultats des tests sont documentés.

IT

Assicurazione della qualità senza compromessi

I nostri prodotti sono stati progettati guardando alle esigenze della prassi applicativa, offrono una manipolazione intelligente e sono di qualità elevata. A tale riguardo non facciamo compromessi. Per garantire questo standard, KLS Martin ha un laboratorio altamente moderno e un centro tecnologico in cui controlla e documenta la qualità di tutti i prodotti, anche in condizioni estreme.

Wir setzen Standards für die Instrumentenaufbereitung

Wie lassen sich Medizinprodukte vor mechanischer, thermischer oder chemischer Belastung schützen? Was muss man bei der Aufbereitung und Pflege besonders feingliedriger Mikrochirurgie-Instrumente berücksichtigen? Als Mitglied wichtiger Gremien und Arbeitskreise – wie z. B. dem Arbeitskreis Instrumenten-Aufbereitung AKI – gibt KLS Martin Antworten und erarbeitet Lösungen für die optimale Aufbereitung und Pflege von Instrumenten. Von der Auswahl angemessener Reinigungsverfahren bis hin zu Sterilisationsverfahren.

EN

Standards and best practice: instrument preparation

How best to protect surgical instruments from mechanical, thermal and chemical stresses? What steps are performed to ensure optimal preparation and care of highly delicate micro-surgical instruments? KLS Martin, in their capacity as member of important advisory boards and working groups – for example, Working Group Instrument Preparation AKI – is in a position to provide answers and solutions to all inquiries with regard to the optimal preparation and care of instruments, ranging from knowledgeable advice on appropriate cleaning methods through sterilization processes.

ES

Los estándares y la mejor práctica para la preparación de instrumentos

¿Cómo se pueden proteger los productos médicos contra la actuación de factores mecánicos, térmicos y químicos? ¿Qué es lo que hay que considerar en el momento de preparación y cuidado del instrumental microquirúrgico, constituido fundamentalmente por componentes finos? En función de miembro de asociaciones y comités laborales importantes – como por ejemplo, el Comité Alemán de Trabajo de Preparación de Instrumental AKI – KLS Martin ofrece respuestas y elabora soluciones para el tratamiento y cuidado óptimos del instrumental. Éstas abarcan desde la selección de métodos de limpieza adecuados hasta el procedimiento de esterilización.

FR

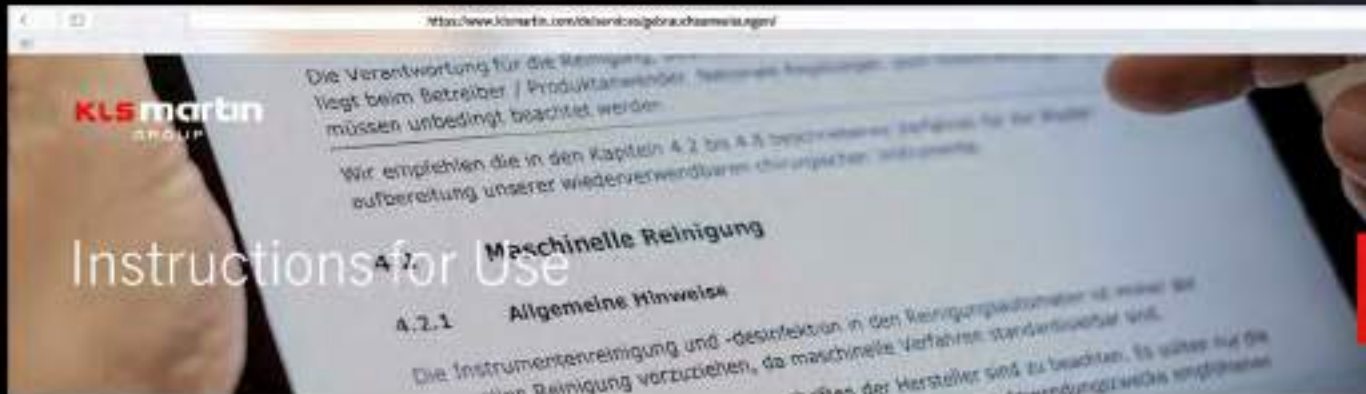
Normes et pratiques idéales pour la préparation des instruments

Comment protéger les produits médicaux contre d'éventuelles contraintes mécaniques, thermiques ou chimiques? Quels points doivent être pris en considération pour le traitement et l'entretien d'instruments micro-chirurgicaux à fine ossature? A titre de membre d'importants organismes et cercles de travail, tels que par exemple l'AKI (Arbeitskreis Instrumenten-Aufbereitung = cercle de travail pour le traitement des instruments), KLS Martin donne des réponses et élabore des solutions pour assurer un traitement et un entretien optimaux des instruments. Depuis la sélection de procédés de nettoyage adéquats jusqu'au procédé de stérilisation.

IT

Standard e “best practice” per la preparazione degli strumenti

Come si possono proteggere gli strumenti medici da agenti aggressivi di tipo meccanico, termico o chimico? Cosa occorre tenere presente nella preparazione e nella manutenzione di strumenti microchirurgici particolarmente delicati? Quale membro di importanti organi e gruppi di lavoro, come ad esempio AKI, il gruppo tedesco di lavoro per la corretta preparazione degli strumenti, KLS Martin dà risposta e sviluppa soluzioni per la preparazione e la manutenzione ottimali degli strumenti, dalla scelta dei sistemi di pulizia più idonei alle procedure di sterilizzazione.



We offer the Option of requesting
Instructions for Use for your KLS Martin
Product online.

Included are all manufacturers' data according to DIN EN ISO 17664.



Lebenslange Garantie
für MARTIN-Instrumente



Lebenslange Garantie – wann immer Sie sie brauchen

Keine Frage, wir sind stets auf der Suche nach der noch besseren Lösung. Das zeichnet den kontinuierlichen Fortschritt in unserem Produktportfolio aus. Gleichwohl sind alle unsere Instrumente qualitativ erstklassig und werden höchsten Ansprüchen gerecht. Und weil wir davon überzeugt sind, gewähren wir auf jedes Instrument bei sach- und fachgerechtem Einsatz eine lebenslange Garantie.

EN

Whenever you need it – our lifetime guarantee

Our determined and ongoing search for the perfect solution is reflected in the dynamic nature of our product portfolio. You simply will not find better instruments on the market. And because we truly believe in the outstanding quality of our products, we offer a lifelong guarantee on each instrument, in connection with appropriate and professional use.

ES

Necesite lo que necesite – la garantía es de por vida

Lo cierto es que siempre estamos en la búsqueda de una solución que sea aún mejor. Esto es lo que determina el progreso continuado de nuestra cartera de producción. Todos nuestros instrumentos son de la misma calidad máxima cumpliendo, por lo tanto cumplen con los requisitos más exigentes. Y como estamos convencidos de ello, garantizamos en todo nuestro instrumental una garantía de por vida, siempre y cuando se utilice como es debido y según las normativas.

FR

Si jamais vous en avez besoin – notre garantie à vie

Nous sommes, sans aucun doute, toujours à la recherche de la solution optimale. Ce fait caractérise le progrès continu dans notre porte-feuille de produits. Tous nos instruments sont à la fois de toute première qualité et conformes à des exigences maximales. Et étant donné ce fait, nous garantissons sur chaque instrument une garantie à vie, à condition que les instruments soient utilisés de manière adéquate et compétente.

IT

Ogni qual volta ne avete bisogno – la nostra garanzia a vita

Essendo alla ricerca di soluzioni sempre migliori, i nostri prodotti vengono costantemente migliorati. Essi sono di qualità eccellente e soddisfano persino le esigenze più elevate. Per questo possiamo accordare una garanzia a vita per ogni strumento impiegato in modo appropriato e corretto.

Instrumente schneller finden – die Katalog-Handhabung

Es ist ganz einfach: Die Artikelnummer gibt Auskunft über Produkt, Produktgruppe und Größe/Figur des Instruments. Jedes Produkt wird in Größe und Funktion vollständig beschrieben sowie maßstabsgetreu abgebildet – die Arbeitsenden je im Verhältnis 1 : 1. So finden Sie schneller, was Sie wirklich brauchen.



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Finding the instruments you need – how to use the catalogue

Straightforward and easy: The article number informs you about the product, product group and instrument size. Size and function of each product are described in full detail and illustrated to scale – the working ends in a ratio of 1 : 1. You can quickly find exactly what you are looking for.

ES

Encuentre el instrumental que necesita – modo de consultar el catálogo

Es muy simple: El número de artículo facilita una información acerca del producto, el grupo de producto y el tamaño del instrumental. Encontrará la descripción completa de tamaño y función de cada producto y una ilustración a escala; los extremos funcionales aparecerán en relación 1 : 1. Así Ud. podrá encontrar más rápidamente lo que realmente necesita.

FR

Comment trouver les instruments requis – l'utilisation du catalogue

C'est tout simple : Le numéro d'article fournit des informations sur le produit, le groupe de produits et la taille de l'instrument. Une description détaillée de la taille et du fonctionnement de chaque produit est fournie et tous les produits sont illustrés à l'échelle – les extrémités des instruments étant illustrées au rapport 1 : 1. Ainsi vous trouvez plus rapidement ce dont vous avez vraiment besoin.

IT

Trovare gli strumenti che cercate – i cataloghi

È semplicissimo: Il codice articolo fornisce informazioni sul prodotto, sulla categoria e sulla grandezza dello strumento. Il catalogo presenta una descrizione dettagliata di ciascun prodotto, delle sue dimensioni e funzioni nonché un'illustrazione in scala degli strumenti, le cui estremità sono riprodotte in rapporto 1 : 1. In questo modo trovate più velocemente ciò di cui avete veramente bisogno.

Abbildungsmaßstab
Illustration scale
Los productos en escala
Produits à l'échelle
Prodotti dimensioni

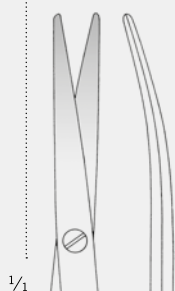
Autor (wenn vorhanden)
Author (if available)
Autor (si lo hay)
Auteur (s'il existe)
Autore (se disponibile)

Angaben zum Produkt
Product information
Datos sobre el producto
Données sur le produit
Indicazioni relative al
prodotto



Salyer
11-339-12-07 –
11-339-18-07

für Lippen-, Kiefer-, Gaumenspalte
for Cleft Palate
para fisura paladar
pour fente du palais
per cheilo-labbro-palatoschisi



11-339-12-07
12,5 cm / 5"
feines Modell
fine pattern
modelo fino
modèle fin
modello delicato



11-339-18-07
18 cm / 7"
feines Modell
fine pattern
modelo fino
modèle fin
modello delicato

Arbeitsenden
Working end
El extremo funcional
del producto
Extrémité opératoire
du produit
L'estremità funzio-
nale del prodotto

Maße
Dimensions
Dimensiones
Dimensions
Dimensioni

	Materialart	Material type	Tipo de material	Type de matériau	Tipo di materiale
01	Stahl 18/8 martinit, antimagnetisch, rostfrei, säurebeständig	steel 18/8 martinit, antimagnetic, stainless, acid-resistant	acero 18/8 martinit, antimagnético, inoxidable, resistente a los ácidos	acier 18/8 martinit, antimagnétique, inoxydable, résistant aux acides	acciaio 18/8 martinit, antimagnetico, inossidabile, resistente agli acidi
02	verchromt	chrome-plated	cromado	chromé	cromato
04	alle übrigen, nicht besonders gekennzeichneten Materialarten	all other, not specially marked material types	todos los otros tipos de materiales no identificados de forma especial	tous les autres types de matériau sans marquage spécial	tutti gli altri tipi di materiali senza marcatura speciale
07	rostfreier Stahl	stainless steel	acero inoxidable	acier inoxydable	acciaio inossidabile
08	Silber	silver	plata	argent	argento
09	Titan	titanium	titanio	titane	titanio
14	Solid Black	Solid Black	Solid Black	Solid Black	Solid Black
98	Ersatzteil	replacement part	pieza de repuesto	pièce de rechange	pezzo di ricambio

Erläuterungen zum Katalog

Catalog explanations

Explicaciones complementarias al catálogo

Explications sur le catalogue

Spiegazioni relative al catalogo



Verweis · Reference · Referencia
Référence · Rimando



Für Fig. Nr. · for fig. No.
para fig. No. · pour fig. No.
per fig. N.



Schneidenlänge · cutting edge length
longitud de hojas cortantes
longueur de lames · lunghezza di lame



Schnittlänge · cutting length
longitud de corte · longueur de coupe
lunghezza di taglio



Anzahl Zähne · number of teeth
cantidad de dientes · quantité de dents
quantità di denti



Anzahl Zinken · number of teeth
cantidad de dientes · quantité de dents
quantità di denti



Spreizweite · spreading width
extensión · écartement
apertura



Fadenstärke · thread size
grosor de hilos · grosseur de fils
spessore di fili



De Bakey
Zahnung · serration · dentado
denture · dentatura



Cooley
Zahnung · serration · dentado
denture · dentatura



Cooley
Zahnung · serration · dentado
denture · dentatura



Schließkraft · closing pressure ·
fuerza de oclusión · pression de fermeture
pressione di chiusura



Schaftlänge · shaft length
longitud del vástago · longueur du tige
lunghezza del gambo



Edelstahl · stainless steel
acero inoxidable · acier inoxydable
acciaio inossidabile



Titan · titanium · titanio
titane · titanio



Aluminium · aluminum · alluminio
aluminium · alluminio



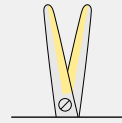
Silikon · Silicone
Silicona · Silicone · Silicene



Kaltlicht · cold light · luz fría
lumière froide · luce fredda

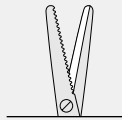


Solid Black
Hartstoffbeschichtung
(für eine längere Standzeit)
Hard-coated surface
(for extended life)
Recubrimiento con material duro
(para una vida útil más larga)
Revêtement à surface dure
(pour une durée de vie prolongée)
Rivestimento in materiale rigido
(per una più lunga durata)



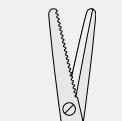
TC GOLD

TC-Hartmetall im Arbeitsende
Tungsten carbide in working end
Carburo de tungsteno en el extremo de trabajo
Carbure de tungstène sur extrémité de travail
Carburo di tungsteno nell'estremità operativa



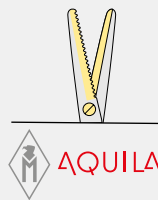
SuperCut

Wellenschliff/Messerschliff
Serrated edge/knife edge
Filo ondulado/filo de cuchillo
Affûtage dentelé / Affûtage couteau
Taglio ondulado/taglio coltello



ST

Wellenschliff/Scherenschliff
Serrated edge/scissor edge
Filo ondulado/filo de tijeras
Affûtage dentelé/affûtage ciseaux
Taglio ondulado/taglio forbici



AQUILA

TC-Hartmetall mit
Messerschliff/Wellenschliff
Tungsten carbide with
knife edge/serrated edge
Carburo de tungsteno con filo de
cuchillo/filo ondulado
Carbure de tungstène avec affûtage
couteau/affûtage dentelé
Carburo di tungsteno con
taglio coltello/taglio ondulado



TCC BlackLine

TC-Hartmetall mit Messerschliff/
Wellenschliff, Solid-Black-beschichtet
Tungsten carbide with knife edge/
serrated edge, Solid Black coated
Carburo de tungsteno con filo de cuchillo/filo
ondulado, recubrimiento Solid Black
Carbure de tungstène avec affûtage couteau/
affûtage dentelé, revêtement Solid Black
Carburo di tungsteno con taglio coltello/
taglio ondulado, rivestito in Solid Black



sutureCut

Nahtmaterialschere
Suture material scissors
Tijeras para material de sutura
Ciseaux à suture
Forbici per materiale di sutura

finoLine

Schlanke Modelle
Slim models
Modelos estilizados
Modèles minces
Modelli sottili

TC GOLD

Instrumente mit Hartmetalleinlagen
Instruments with tungsten carbide inserts
Instrumentos con filos de carburo de tungsteno
Instruments avec plaquettes en carbure de tungstène
Strumenti con taglio in carburo di tungsteno

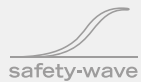
STERILE R

mit Gamma-Strahlen sterilisierte Produkte
with gamma radiation sterilized products
productos esterilizados con rayos gamma
produits stérilisés avec de rayons gamma
prodotti sterilizzati con raggi gamma



diamond-coated

Diamantierte Arbeitsenden
Diamond-coated working ends
Extremos de trabajo diamantados
Extrémities de travail diamantées
Estremità operative diamantate



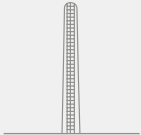
safety-wave

Safety-Wave-Sicherheitsschluss
Safety-Wave safety pivot
Cierre de seguridad Safety-Wave
Fermeture sécurisée Safety-Wave
Arresto di sicurezza Safety-Wave



Counter Balance

Counter Balance



Atrauma

Atrauma-Zahnung
Atraumatic serration
Dentado atraumático
Dentelure Atrauma
Dentatura atraumatica



VD

Gefäßdilatoren
Vessel dilators
Dilatadores vasculares
Pincers à dilatation de vaisseaux
Dilatatori vascolari



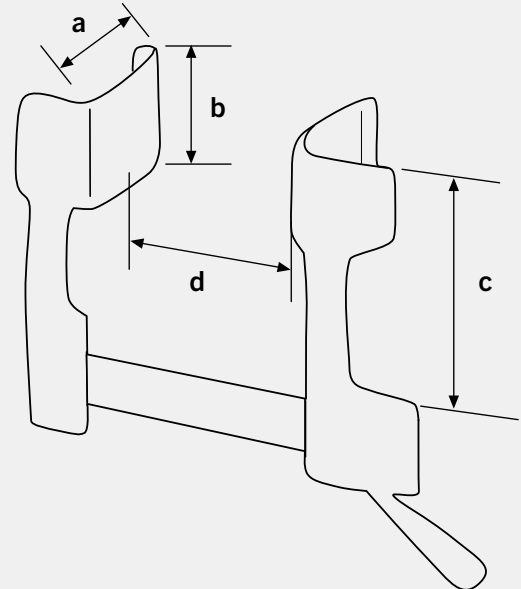
scharf
sharp
agudo
pointu
acuto



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



stumpf
blunt
romo
mousse
smusso



a = Valventiefe
Blade depth
Profundidad de valva
Profondeur de valve
Profondità della valva

c = Armlänge
Arm length
Longitud de brazo
Longueur de bras
Lunghezza del braccio

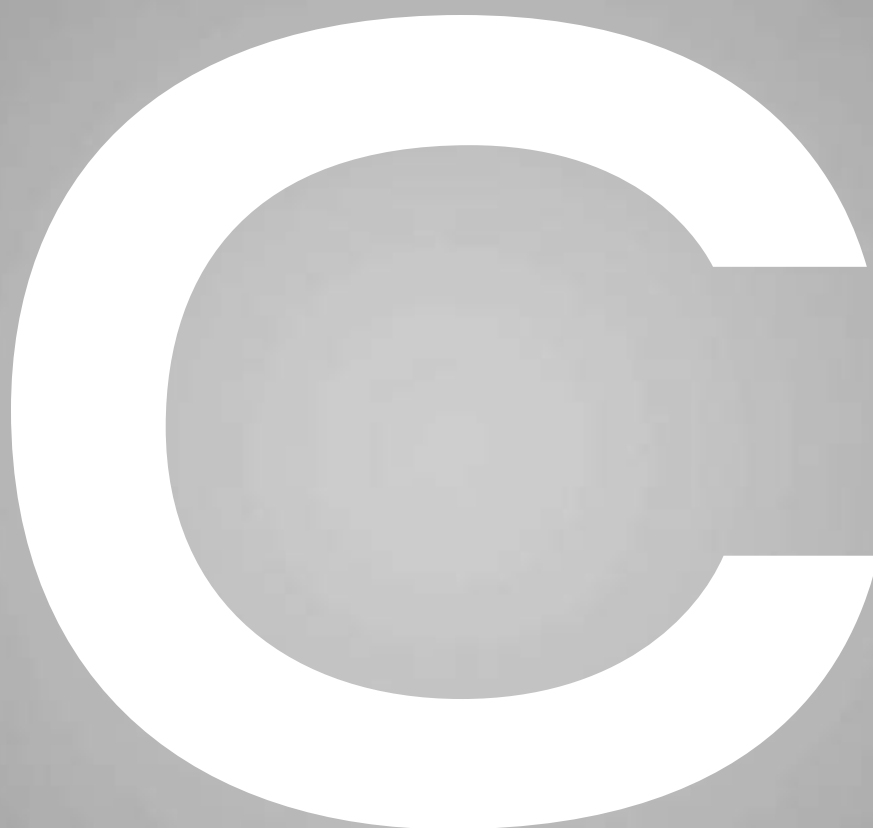
b = Valvenbreite
Blade width
Anchura de valva
Largeur de valve
Larghezza della valva

d = Spreizweite
Spreading width
Anchura de extensión
Largeur d'ouverture
Ampiezza di apertura

Pyramiden-Profil	Teilung	empfohlen für Nahtmaterial
Diamond profile	Profile structure	recommended for suture material
Perfil piramidal	División	recomendado para suturas
Profil pyramidal	Division	recommandé pour matériel de suture
Profilo piramidale	Divisione	raccomodato per materiale di sutura

Standard	0,5 mm	0-6 - 4-0
Mini	0,4 mm	4-0 - 6-0
Micro	0,3 mm	5-0 - 12-0
Smooth	—	5-0 - 12-0

Übersichtstafel
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Indice di catalogo



Übersichtstafel

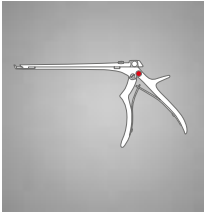
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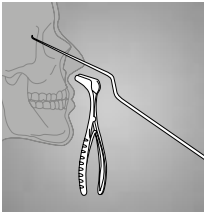
Indice di catalogo

1-21



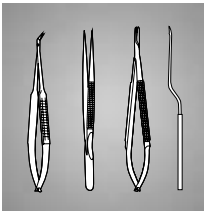
Laminektomiestanzen und Rongeurs
Laminectomy punches and rongeurs
Pinzas cortantes para laminectomía
Pinces emporte-pièces à laminectomie et rongeurs
Pinze taglienti per laminectomia e pinze per afferrare

23-34



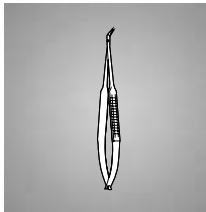
Hypophysen- und Schädelbasis-Chirurgie
Pituitary und Schädelbasis surgery
Cirugía para hipófisis und Schädelbasis
Chirurgie de l'hypophyse und Schädelbasis
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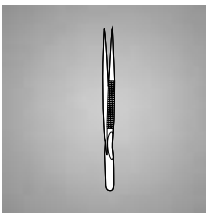
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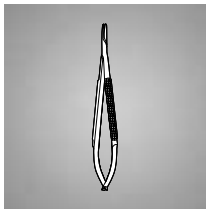
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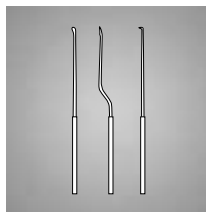
Mikro-Pinzetten
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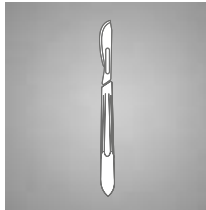
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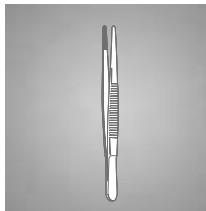
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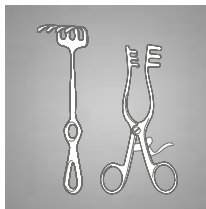
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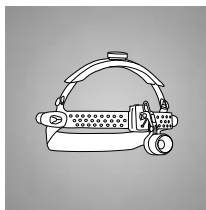
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Diagnostics
Diagnóstico
Diagnostic
Diagnostica

Übersichtstafel

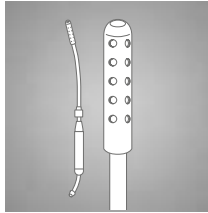
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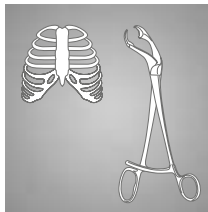
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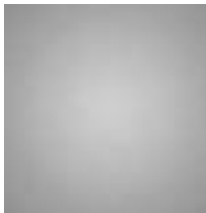
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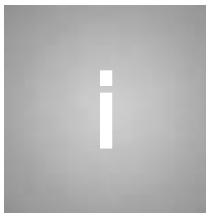
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Weitere Kataloge von KLS Martin

Zu den folgenden Produktgruppen sind jeweils eigene Kataloge verfügbar, die Sie gerne bei uns anfordern können:

Further catalogs of KLS Martin

For the following product groups additional catalogs are available. Please ask for your personal copy:

Más catálogos de KLS Martin

Para los grupos siguientes tenemos catálogos individuales disponibles. No duden pedirnos más ejemplares:

Autres catalogues de KLS Martin

Pour les groupes de produits suivants sont disponibles des catalogues additionnels dont vous pouvez demander le nombre désiré:

Altri cataloghi di KLS Martin

Per i gruppi di prodotti seguenti sono disponibili cataloghi addizionali. La preghiamo di informarci se desidera altre copie:

Allgemeine Chirurgie

General Surgery

Cirugía general

Chirurgie générale

Chirurgia generale

Plastische Chirurgie

Plastic Surgery

Cirugía plástica

Chirurgie plastique

Chirurgia plastica

Herz-, Thorax- und Gefäßchirurgie

Cardio, Thoracic and Vascular Surgery

Cirugía cardíaca, torácica y vascular

Chirurgie cardiaque, thoracique et vasculaire

Chirurgia cardiaca, toracica e vascolare

Steriltechnik

Sterile Technology

Técnica de esterilización

Technologie stérile

Tecnica di sterilizzazione

Deckenversorgungseinheiten

Ceiling-mounting systems

Unidades de alimentación de techo

Unités d'alimentation montées au plafond

Sistemi pensili

OP-Leuchten

Operating Theatre Lights

Lámparas de quirófano

Lampes opératoires

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Electrosurgery

Electrocirugía

Électrochirurgicaux

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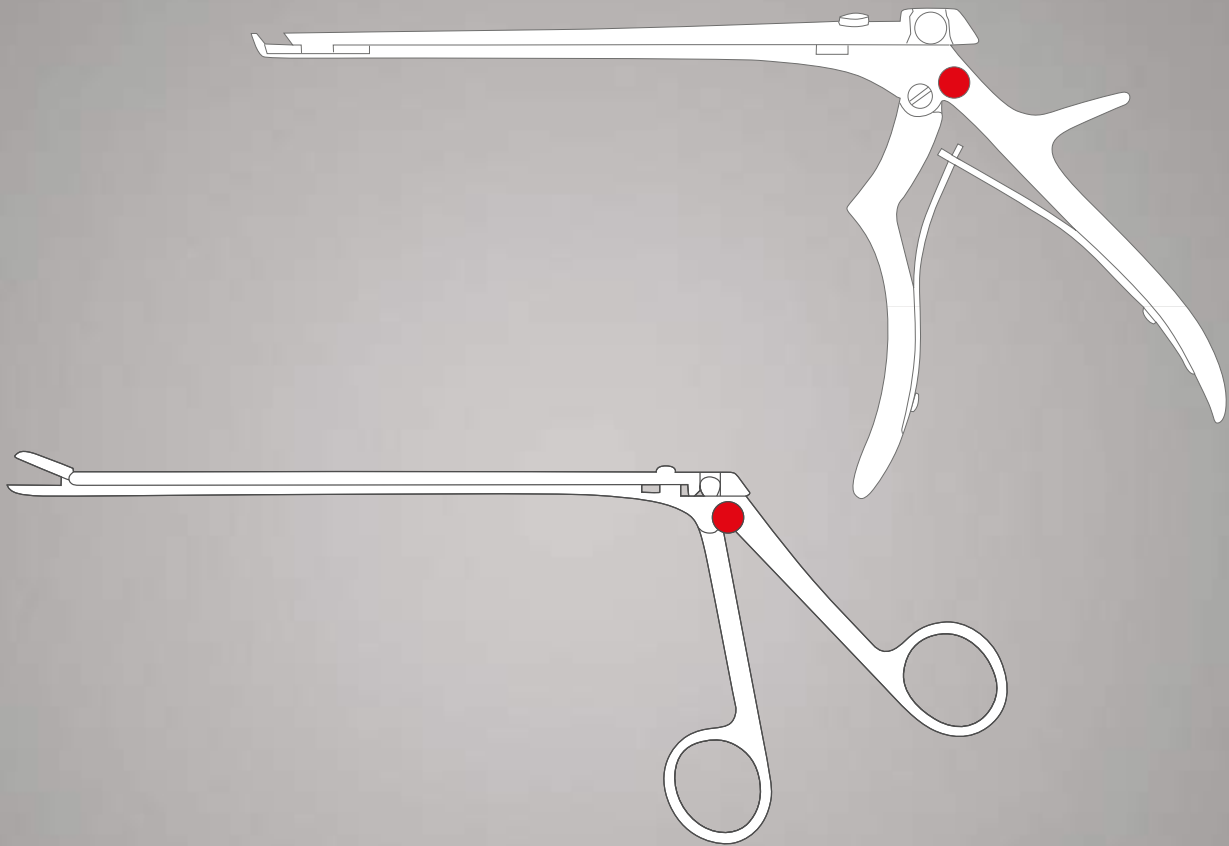
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Chirurgie orale et maxillofaciale

Chirurgia orale e maxillofacciale

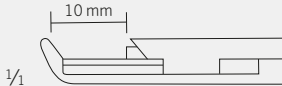
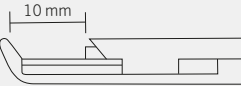
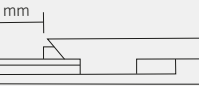
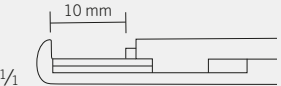
Laminektomiestanzen und Rongeurs
Laminectomy punches and rongeurs
Pinzas cortantes para laminectomía
Pincers emporte-pièces à laminectomie et rongeurs
Pinze taglienti per laminectomia e pinze per afferrare



Laminektomiestanzen
Laminectomy Punches
Pinzas cortantes para laminectomía
Pinces emporte-pièces à laminectomie
Pinze taglienti per laminectomia



Ferris-Smith-Kerrison
24-978-01-07 -
24-978-48-14
Stanze mit Auswerfer, zerlegbar
Punch, with ejector, detachable
Perforador con eyector, desmontable
Perforateur avec éjecteur, démontable
Pinze taglienti con espulsore, smontabile

Maulbreite Jaw width Anchura de la boca Largeur de mors Larghezza della bocca		40° aufwärts schneidend cutting upward corte arriba tranchant vers le haut tagliante verso l'alto					90° aufwärts schneidend cutting upward corte arriba tranchant vers le haut tagliante verso l'alto				
											
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			24-978-01-14	24-978-03-14	24-978-05-14	24-978-07-14	24-978-02-14	24-978-04-14	24-978-06-14	24-978-08-14	
2 mm			24-978-09-07	24-978-11-07	24-978-13-07	24-978-15-07	24-978-10-07	24-978-12-07	24-978-14-07	24-978-16-07	
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Laminektomiestanzen

Laminectomy Punches

Pinzas cortantes para laminectomía

Pinces emporte-pièces à laminectomie

Pinze taglianti per laminectomia

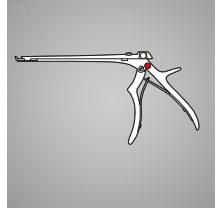
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Laminectomy punches and rongeurs

Pinzas cortantes para laminectomía

Pinces emporte-pièces à laminectomie et rongeurs

Pinze taglianti per laminectomia e pinze per afferrare



Ferris-Smith-Kerrison

24-978-50-07 -

24-978-85-14

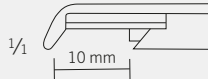
Stanze mit Auswerfer, zerlegbar

Punch, with ejector, detachable

Perforador con eyector, desmontable

Perforateur avec éjecteur, démontable

Pinze taglianti con espulsore, smontabile

Maulbreite Jaw width Anchura de la boca Largeur de mors Larghezza della bocca		40° abwärts schneidend cutting downward desmontable, corte abajo tranchant vers le bas tagliante verso il basso				90° abwärts schneidend cutting downward desmontable, corte abajo tranchant vers le bas tagliante verso il basso		
								
		L	18 cm	20 cm	23 cm	18 cm	20 cm	23 cm
1 mm		St	24-978-50-07	24-978-52-07	24-978-54-07	24-978-51-07	24-978-53-07	24-978-55-07
		SB	24-978-50-14	24-978-52-14	24-978-54-14	24-978-51-14	24-978-53-14	24-978-55-14
2 mm		St	24-978-56-07	24-978-58-07	24-978-60-07	24-978-57-07	24-978-59-07	24-978-61-07
		SB	24-978-56-14	24-978-58-14	24-978-60-14	24-978-57-14	24-978-59-14	24-978-61-14
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		SB	24-978-62-14	24-978-64-14	24-978-66-14	24-978-63-14	24-978-65-14	24-978-67-14
4 mm		St	24-978-68-07	24-978-70-07	24-978-72-07	24-978-69-07	24-978-71-07	24-978-73-07
		SB	24-978-68-14	24-978-70-14	24-978-72-14	24-978-69-14	24-978-71-14	24-978-73-14
5 mm		St	24-978-74-07	24-978-76-07	24-978-78-07	24-978-75-07	24-978-77-07	24-978-79-07
		SB	24-978-74-14	24-978-76-14	24-978-78-14	24-978-75-14	24-978-77-14	24-978-79-14
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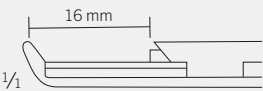
Laminektomiestanzen

Laminectomy Punches
Pinzas cortantes para laminectomía
Pinces emporte-pièces à laminectomie
Pinze taglienti per laminectomia



Ferris-Smith-Kerrison
24-978-90-07 -
24-978-95-14

Stanze mit Auswerfer, zerlegbar, **Langhub**
Punch, with ejector, detachable, **long stroke**
Perforador con eyector, desmontable, **carrera larga**
Perforateur avec éjecteur, démontable, **course longue**
Pinze taglienti con espulsore, smontabile, **corsa lunga**

Maulbreite Jaw width Anchura de la boca Largeur de mors Larghezza della bocca		40° aufwärts schneidend cutting upward corte arriba tranchant vers le haut tagliente verso l'alto			
1 mm		L	18 cm		
		St	24-978-90-07		
		SB	24-978-90-14		
2 mm		St	24-978-91-07		
		SB	24-978-91-14		
3 mm		St	24-978-92-07		
		SB	24-978-92-14		
4 mm		St	24-978-93-07		
		SB	24-978-93-14		
5 mm		St	24-978-94-07		
		SB	24-978-94-14		
6 mm		St	24-978-95-07		
		SB	24-978-95-14		

Laminektomiestanzen

Laminectomy Punches

Pinzas cortantes para laminectomía

Pinces emporte-pièces à laminectomie

Pinze taglianti per laminectomia

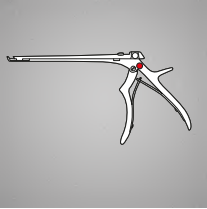
Laminektomiestanzen und Rongeurs

Laminectomy punches and rongeurs

Pinzas cortantes para laminectomía

Pinces emporte-pièces à laminectomie et rongeurs

Pinze taglianti per laminectomia e pinze per afferrare



Ferris-Smith-Kerrison

24-979-01-07 -

24-979-48-14

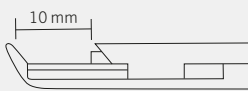
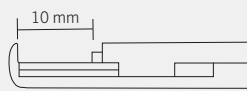
Stanze mit Auswerfer, zerlegbar, **dünne Platte**

Punch, with ejector, detachable, **thin plate**

Perforador con eyector, desmontable, **placa delgada**

Perforateur avec éjecteur, démontable, **plaque mince**

Pinze taglianti con espulsore, smontabile, **piastra sottile**

Maulbreite Jaw width Anchura de la boca Largeur de mors Larghezza della bocca		40° aufwärts schneidend cutting upward corte arriba tranchant vers le haut tagliante verso l'alto					90° aufwärts schneidend cutting upward corte arriba tranchant vers le haut tagliante verso l'alto			
										
1 mm		L	18 cm	20 cm	23 cm	28 cm	18 cm	20 cm	23 cm	28 cm
		St	24-979-01-07	24-979-03-07	24-979-05-07	24-979-07-07	24-979-02-07	24-979-04-07	24-979-06-07	24-979-08-07
		SB	24-979-01-14	24-979-03-14	24-979-05-14	24-979-07-14	24-979-02-14	24-979-04-14	24-979-06-14	24-979-08-14
2 mm		St	24-979-09-07	24-979-11-07	24-979-13-07	24-979-15-07	24-979-10-07	24-979-12-07	24-979-14-07	24-979-16-07
		SB	24-979-09-14	24-979-11-14	24-979-13-14	24-979-15-14	24-979-10-14	24-979-12-14	24-979-14-14	24-979-16-14
3 mm		St	24-979-17-07	24-979-19-07	24-979-21-07	24-979-23-07	24-979-18-07	24-979-20-07	24-979-22-07	24-979-24-07
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4 mm		St	24-979-25-07	24-979-27-07	24-979-29-07	24-979-31-07	24-979-26-07	24-979-28-07	24-979-30-07	24-979-32-07
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5 mm		St	24-979-33-07	24-979-35-07	24-979-37-07	24-979-39-07	24-979-34-07	24-979-36-07	24-979-38-07	24-979-40-07
		SB	24-979-33-14	24-979-35-14	24-979-37-14	24-979-39-14	24-979-34-14	24-979-36-14	24-979-38-14	24-979-40-14
6 mm		St	24-979-41-07	24-979-43-07	24-979-45-07	24-979-47-07	24-979-42-07	24-979-44-07	24-979-46-07	24-979-48-07
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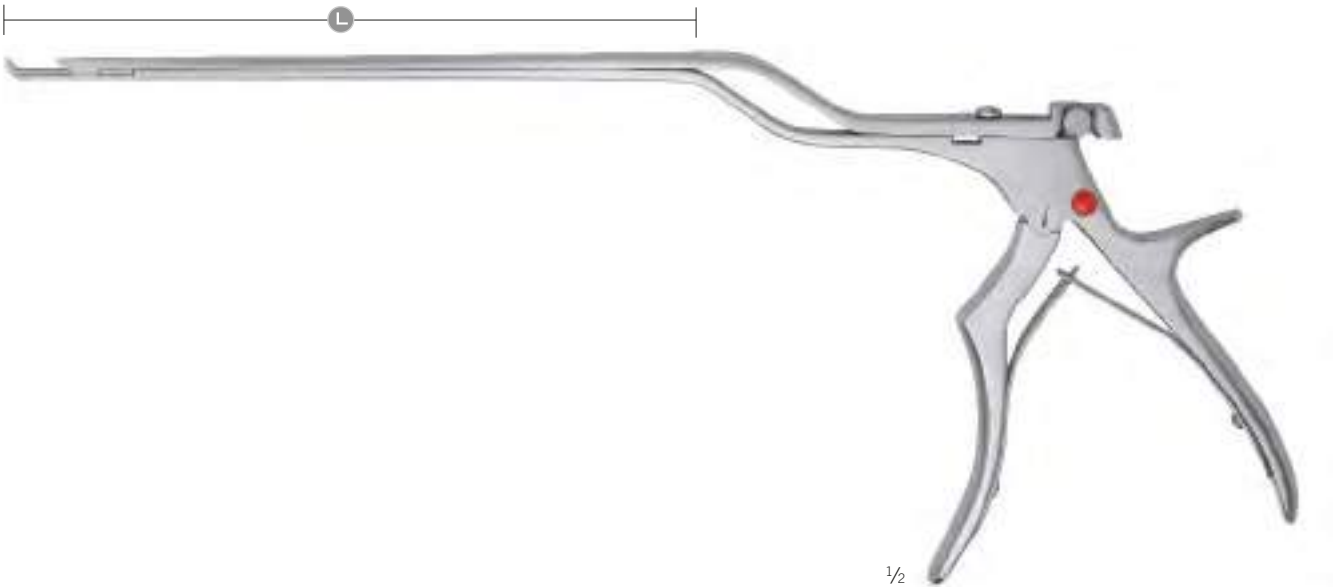
Laminektomiestanzen

Laminectomy Punches

Pinzas cortantes para laminectomía

Pinces emporte-pièces à laminectomie

Pinze taglienti per laminectomia



Ferris-Smith-Kerrison

24-980-21-07 -

24-980-25-14

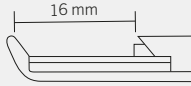
Stanze mit Auswerfer, zerlegbar, **Langhub**

Punch, with ejector, detachable, **long stroke**

Perforador con eyector, desmontable, **carrera larga**

Perforateur avec éjecteur, démontable, **cOURSE longue**

Pinze taglienti con espulsore, smontabile, **corsa lunga**

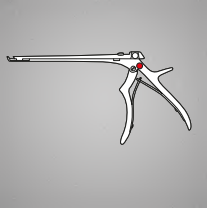
Maulbreite Jaw width Anchura de la boca Largeur de mors Larghezza della bocca		40° aufwärts schneidend, bajonett cutting upward, bayonet corte arriba, bayoneta tranchant vers le haut, baïonnette tagliente verso l'alto, baionetta 16 mm 1/1 	
1 mm		L	18 cm
		St	24-980-21-07
		SB	24-980-21-14
2 mm		St	24-980-22-07
		SB	24-980-22-14
3 mm		St	24-980-23-07
		SB	24-980-23-14
4 mm		St	24-980-24-07
		SB	24-980-24-14
5 mm		St	24-980-25-07
		SB	24-980-25-14

Laminektomiestanzen

Laminectomy Punches
Pinzas cortantes para laminectomía
Pincas emporte-pièces à laminectomie
Pinze taglianti per laminectomia

Laminektomiestanzen und Rongeurs

Laminectomy punches and rongeurs
Pinzas cortantes para laminectomía
Pincas emporte-pièces à laminectomie et rongeurs
Pinze taglianti per laminectomia e pinze per afferrare



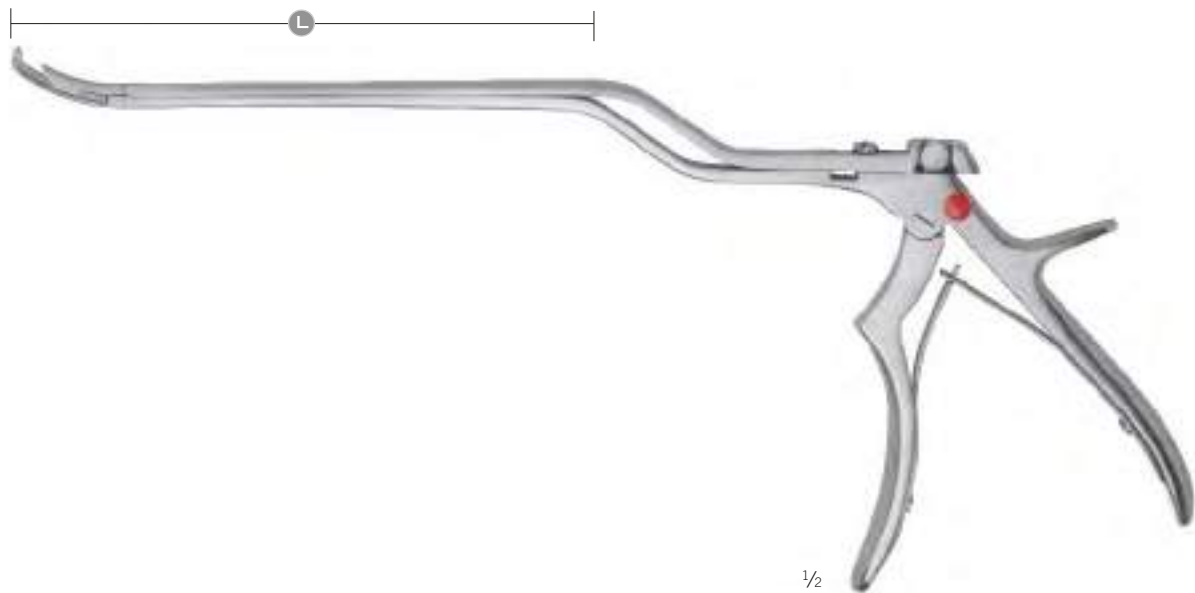
Ferris-Smith-Kerrison
24-980-30-07 -
24-980-44-14

Stanze mit Auswerfer, zerlegbar
Punch, with ejector, detachable
Perforador con eyector, desmontable
Perforateur avec éjecteur, démontable
Pinze taglianti con espulsore, smontabile

Maulbreite Jaw width Anchura de la boca Largeur de mors Larghezza della bocca		40° aufwärts gebogen curved upward curvo arriba coudé vers le haut curva verso l'alto	10 mm	40° links gebogen curved leftwards curvo izquierda coudé à gauche curva a sinistra	10 mm	40° rechts gebogen curved rightwards curvo derecha coudé à droite curva a destra	10 mm
			1/1		1/1		1/1
1 mm			20 cm	20 cm	20 cm	20 cm	
			24-980-30-07	24-980-31-07	24-980-32-07		
			24-980-30-14	24-980-31-14	24-980-32-14		
2 mm			24-980-33-07	24-980-34-07	24-980-35-07		
			24-980-33-14	24-980-34-14	24-980-35-14		
3 mm			24-980-36-07	24-980-37-07	24-980-38-07		
			24-980-36-14	24-980-37-14	24-980-38-14		
4 mm			24-980-39-07	24-980-40-07	24-980-41-07		
			24-980-39-14	24-980-40-14	24-980-41-14		
5 mm			24-980-42-07	24-980-43-07	24-980-44-07		
			24-980-42-14	24-980-43-14	24-980-44-14		

Laminektomiestanzen

Laminectomy Punches
Pinzas cortantes para laminectomía
Pincas emporte-pièces à laminectomie
Pinze taglienti per laminectomia



Ferris-Smith-Kerrison
24-980-50-07

Stanze mit Auswerfer, zerlegbar
Punch, with ejector, detachable
Perforador con eyector, desmontable
Perforateur avec éjecteur, démontable
Pinze taglienti con espulsore, smontabile

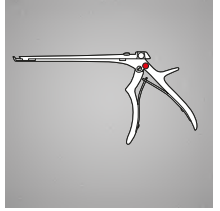
Maulbreite Jaw width Anchura de la boca Largeur de mors Larghezza della bocca 3 mm	40° gebogen, bajonett curved, bayonet curvo, bayoneta coudé, baïonnette curva, baionetta	
	L	15 cm
	St	24-980-50-07

Zerlegen der Instrumente

Instrument disassembly
Desmontaje de los instrumentos
Démontage des instruments
Smontaggio degli strumenti

Laminectomiestanzen und Rongeurs

Laminectomy punches and rongeurs
Pinzas cortantes para laminectomía
Pinces emporte-pièces à laminectomie et rongeurs
Pinze taglienti per laminectomia e pinze per afferrare



Anweisung zum Öffnen

1. Griff schließen.
2. Knopf drücken und gedrückt halten.
3. Griff wieder öffnen. Druck auf roten Knopf beibehalten.
4. Das obere Schieberteil ist entriegelt und kann nach links ausgeschwenkt werden.



Disassembly Instructions

1. Close the handle.
2. Push the button and keep it pushed.
3. Release quickly the front part of the handle.
4. The upper movable shaft is unlocked and can be slid to the left.



Instrucciones de apertura

1. Cerrar el mango.
2. Presionar el botón y mantenerlo pulsado.
3. Volver a abrir el mango.
4. El vástago superior corredero desengrana y puede girarse hacia la izquierda.



Consigne d'ouverture

1. Refermez le manche.
2. Appuyez sur le bouton et maintenez-le enfoncé.
3. Rouvrez le manche.
4. La partie supérieure du curseur est débloquée et peut être pivotée vers la gauche.



Istruzioni per l'apertura

1. Chiudere l'impugnatura.
2. Premere e tenere premuto il pulsante.
3. Riaprire l'impugnatura.
4. La parte superiore scorrevole si sblocca e può essere ruotata a sinistra.

Hinweis

Durch nochmaliges Schließen des Griffes bleibt der Schaft ausgeschwenkt und das Instrument kann in offenem Zustand sterilisiert werden.

Advice

If the handle is closed again, the shaft remains swivelled out so that the instrument can be sterilized in open position.

Nota

Al volver a cerrar el mango de forma normal, el vástago gira y el instrumento puede esterilizarse abierto.

Remarque

En refermant une nouvelle fois le manche, la tige pivotée reste en position et l'instrument ainsi ouvert peut être stérilisé.

Nota

Richiudendo l'impugnatura il gambo resta ruotato, in modo da consentire la sterilizzazione dello strumento aperto.

Zusammensetzen

1. Griff schließen.
2. Knopf drücken und gedrückt halten.
3. Griff öffnen, Schieber einschwenken und nach unten drücken.
4. Griff nochmals schließen – das Instrument ist verriegelt.

Assembly Instructions

1. Close the handle.
2. Push the button and keep it pushed.
3. Open the handle. Slide back the movable shaft on the instrument and push the shaft downward.
4. Close the handle once again and the instrument is locked.

Montaje

1. Cerrar el mango.
2. Presionar el botón y mantenerlo pulsado.
3. Abrir el mango, girar el vástago hacia el instrumento y presionar hacia abajo.
4. Volver a cerrar el mango. El instrumento está bloqueado de nuevo.

Assemblage

1. Fermez le manche.
2. Appuyez sur le bouton et maintenez-le enfoncé.
3. Ouvrez le manche, faites pivoter le curseur et appuyez vers le bas.
4. Rouvrez le manche - l'instrument est verrouillé.

Rimontaggio

1. Chiudere l'impugnatura.
2. Premere e tenere premuto il pulsante.
3. Aprire l'impugnatura, ritrarre la barra scorrevole e premere verso il basso.
4. Richiudere l'impugnatura – lo strumento è bloccato.



LubriPen
55-997-01-04

für präzises Ölen von chirurgischen Instrumenten und Medizinprodukten
for precise lubrication of surgical instruments and medical devices
para una lubricación perfecta de instrumentos quirúrgicos y dispositivos médicos
Graissage précis d'instruments chirurgicaux et d'équipements médicaux
Lubrificazione di precisione di strumenti chirurgici e dispositivi medici



Zerlegen der Instrumente
Instrument disassembly
Desmontaje de los instrumentos
Démontage des instruments
Smontaggio degli strumenti

<https://www.youtube.com/watch?v=90fxTTgmBXw>



<https://www.youtube.com/watch?v=E8puyjo0MVk>

Lagerung Laminektomiestanzen

Storage Laminectomy Punches

Almacenaje para pinzas cortantes para laminectomía

Rangement pour pinces emporte-pièces à laminectomie

Supporto per pinze taglianti per laminectomia



55-803-10-04

480 x 255 x 103 mm

Siebkorb zur Lagerung von Laminektomiestanzen

Mesh tray for storage of laminectomy punches

Bandeja cribada para almacenaje para pinzas cortantes para laminectomía

Panier à maille pour rangement pour pinces emporte-pièces à laminectomie

Vassoio reticolati per supporto per pinze taglianti per laminectomia



Beispiel Bestückung

Configuration example

Ejemplo de equipamiento

Exemple d'agencement

Esempio di strumenti

Lagerung Laminektomiestanzen

Storage Laminectomy Punches

Almacenaje para pinzas cortantes para laminectomía

Rangement pour pinces emporte-pièces à laminectomie

Supporto per pinze taglianti per laminectomia

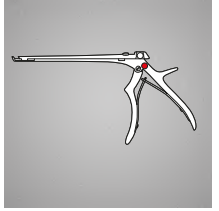
Laminektomiestanzen und Rongeurs

Laminectomy punches and rongeurs

Pinzas cortantes para laminectomía

Pinces emporte-pièces à laminectomie et rongeurs

Pinze taglianti per laminectomia e pinze per afferrare



55-803-15-04

535 x 255 x 103 mm

Höhenreduzierter Siebkorb zur Lagerung von 4 Stanzen in besonders niedrigen Lagerungswägen für RDG (Reinigungs- und Desinfektionsgerät)

Lower mesh tray for storing 4 punches in very low mobile units for washer-disinfectors

Bandeja cribada de altura reducida para el almacenaje de 4 perforadores en carros de almacenaje especialmente bajos para máquinas de lavado y desinfección

Panier à mailles à hauteur réduite pour le rangement de 4 poinçons dans des chariots très bas pour laveur-désinfecteur

Vassoio reticolato ad altezza ridotta per il magazzinaggio di 4 pinze taglianti in carrelli di carico particolarmente bassi per apparecchio di pulizia e disinfezione



Beispiel Bestückung

Configuration example

Ejemplo de equipamiento

Exemple d'agencement

Esempio di strumenti



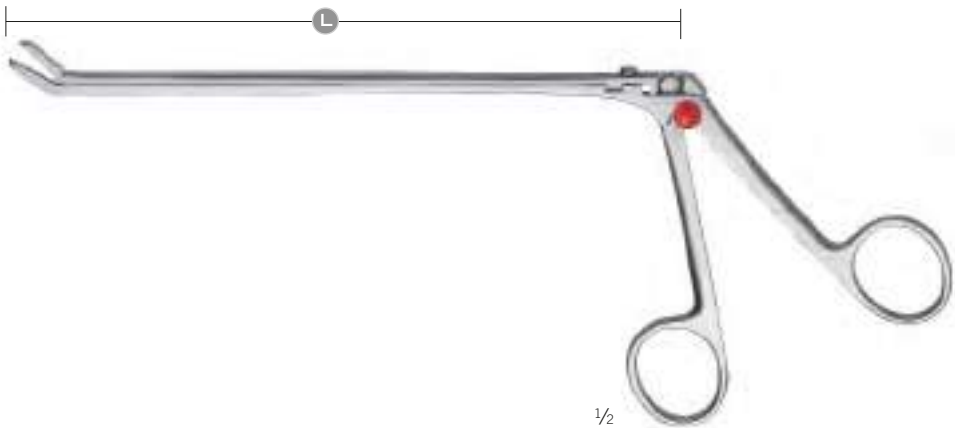
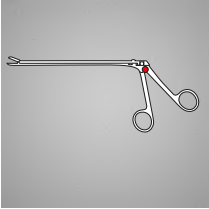
Caspar
24-981-05-07 -
24-981-16-14

zerlegbar
detachable
desmontable
démontable
smontabile

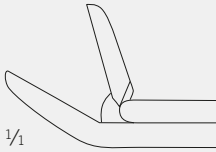
Maulbreite Jaw width Anchura de la boca Largeur de mors Larghezza della bocca		gerade straight recto droit diritto			
		1/1			
		L	15 cm	18 cm	20 cm
2 mm		St	24-981-05-07	24-981-09-07	24-981-13-07
		SB	24-981-05-14	24-981-09-14	24-981-13-14
3 mm		St	24-981-06-07	24-981-10-07	24-981-14-07
		SB	24-981-06-14	24-981-10-14	24-981-14-14
4 mm		St	24-981-07-07	24-981-11-07	24-981-15-07
		SB	24-981-07-14	24-981-11-14	24-981-15-14
5 mm		St	24-981-08-07	24-981-12-07	24-981-16-07
		SB	24-981-08-14	24-981-12-14	24-981-16-14

Rongeurs
Rongeurs
Pinzas cortantes
Rongeurs
Pinze per afferrare

Laminektomiestanzen und Rongeurs
Laminectomy punches and rongeurs
Pinzas cortantes para laminectomía
Pinces emporte-pièces à laminectomie et rongeurs
Pinze taglienti per laminectomia e pinze per afferrare

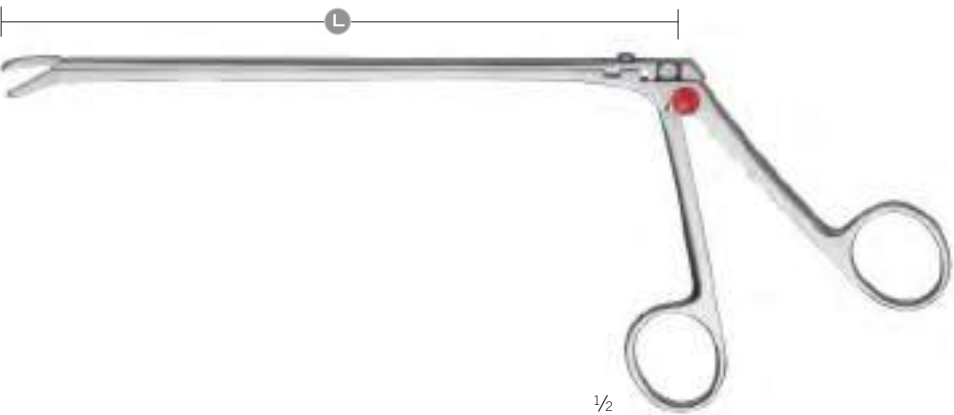


Caspar
24-981-25-07 -
24-981-36-14
zerlegbar
detachable
desmontable
démontable
smontabile

Maulbreite Jaw width Anchura de la boca Largeur de mors Larghezza della bocca		30° aufgewinkelt angled upward acodado arrib angulé vers le haut angolato verso l'alto			
					
		L	15 cm	18 cm	20 cm
2 mm		St	24-981-25-07	24-981-29-07	24-981-33-07
		SB	24-981-25-14	24-981-29-14	24-981-33-14
3 mm		St	24-981-26-07	24-981-30-07	24-981-34-07
		SB	24-981-26-14	24-981-30-14	24-981-34-14
4 mm		St	24-981-27-07	24-981-31-07	24-981-35-07
		SB	24-981-27-14	24-981-31-14	24-981-35-14
5 mm		St	24-981-28-07	24-981-32-07	24-981-36-07
		SB	24-981-28-14	24-981-32-14	24-981-36-14

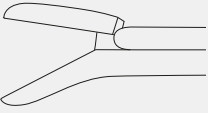
Rongeurs

Rongeurs
Pinzas cortantes
Rongeurs
Pinze per afferrare



Caspar
24-981-45-07 -
24-981-56-14

zerlegbar
detachable
desmontable
démontable
smontabile

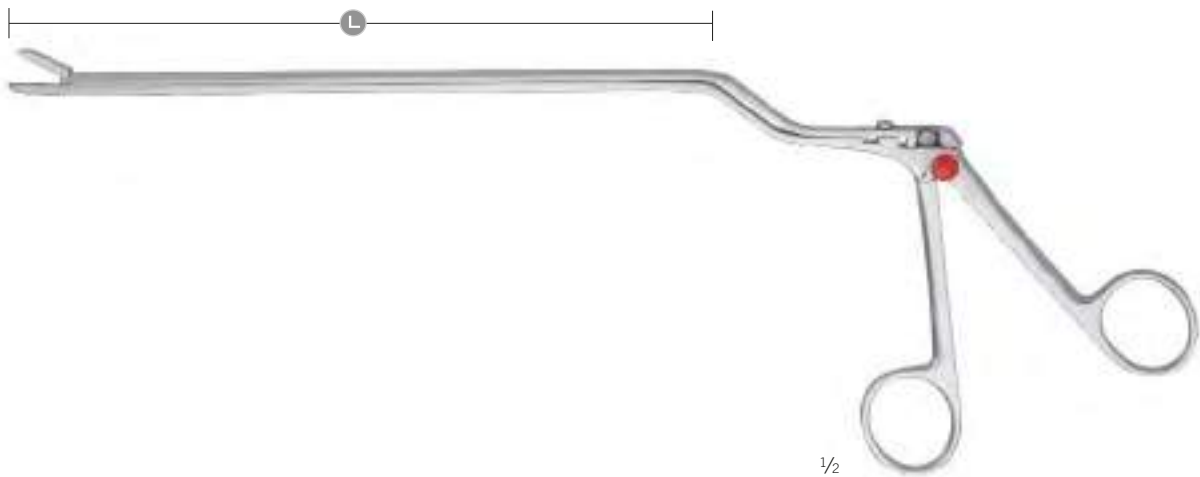
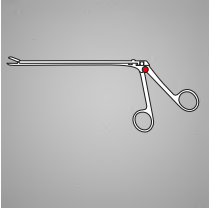
Maulbreite Jaw width Anchura de la boca Largeur de mors Larghezza della bocca		30° abgewinkelt angled downward acodado abajo angulé vers le bas angolato verso il basso			
					
		L	15 cm	18 cm	20 cm
2 mm		St	24-981-45-07	24-981-49-07	24-981-53-07
		SB	24-981-45-14	24-981-49-14	24-981-53-14
3 mm		St	24-981-46-07	24-981-50-07	24-981-54-07
		SB	24-981-46-14	24-981-50-14	24-981-54-14
4 mm		St	24-981-47-07	24-981-51-07	24-981-55-07
		SB	24-981-47-14	24-981-51-14	24-981-55-14
5 mm		St	24-981-48-07	24-981-52-07	24-981-56-07
		SB	24-981-48-14	24-981-52-14	24-981-56-14

Rongeurs

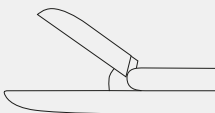
Rongeurs
Pinzas cortantes
Rongeurs
Pinze per afferrare

Laminektomiestanzen und Rongeurs

Laminectomy punches and rongeurs
Pinzas cortantes para laminectomía
Pinces emporte-pièces à laminectomie et rongeurs
Pinze taglianti per laminectomia e pinze per afferrare



Caspar
24-981-65-07 -
24-981-68-14
zerlegbar
detachable
desmontable
démontable
smontabile

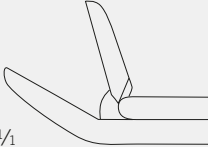
Maulbreite Jaw width Anchura de la boca Largeur de mors Larghezza della bocca		gerade, bajonett straight, bayonet recto, bayoneta droit, baïonnette diritto, baionetta		 1/1	
		L	18 cm		
2 mm		St	24-981-65-07		
		SB	24-981-65-14		
3 mm		St	24-981-66-07		
		SB	24-981-66-14		
4 mm		St	24-981-67-07		
		SB	24-981-67-14		
5 mm		St	24-981-68-07		
		SB	24-981-68-14		

Rongeurs

Rongeurs
Pinzas cortantes
Rongeurs
Pinze per afferrare



Caspar
24-981-75-07 -
24-981-78-14
zerlegbar
detachable
desmontable
démontable
smontabile

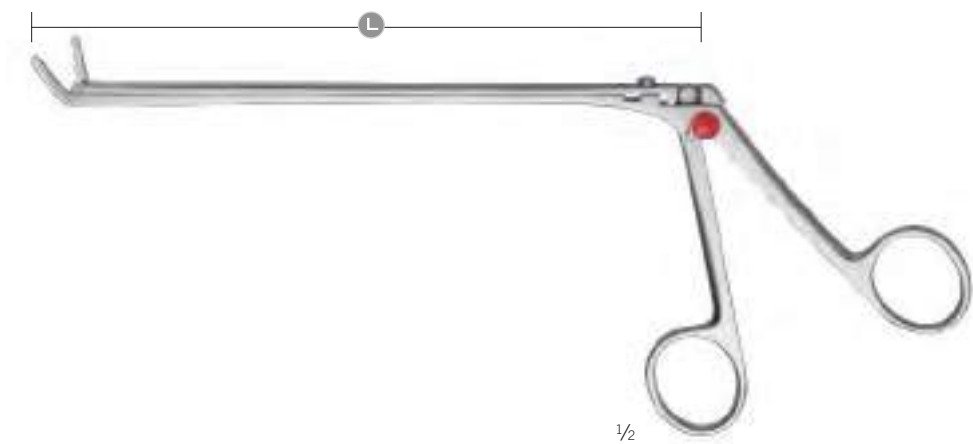
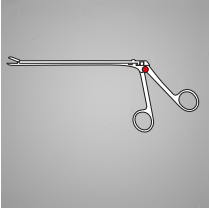
Maulbreite Jaw width Anchura de la boca Largeur de mors Larghezza della bocca		30° aufgewinkelt, bajonett angled upward, bayonet acodado arriba, bayoneta angulé vers le haut, baïonnette angolato verso l'alto, baionetta			
		L	18 cm		
2 mm		St	24-981-75-07		
		SB	24-981-75-14		
3 mm		St	24-981-76-07		
		SB	24-981-76-14		
4 mm		St	24-981-77-07		
		SB	24-981-77-14		
5 mm		St	24-981-78-07		
		SB	24-981-78-14		

Rongeurs

Rongeurs
Pinzas cortantes
Rongeurs
Pinze per afferrare

Laminektomiestanzen und Rongeurs

Laminectomy punches and rongeurs
Pinzas cortantes para laminectomía
Pincas emporte-pièces à laminectomie et rongeurs
Pinze taglianti per laminectomia e pinze per afferrare



Caspar
24-981-80-07 -
24-981-83-14

zerlegbar
detachable
desmontable
démontable
smontabile

Maulbreite Jaw width Anchura de la boca Largeur de mors Larghezza della bocca 4 mm	50° aufgewinkelt angled upward acodado arrib angulé vers le haut angolato verso l'alto L 18 cm 30 cm		50° abgewinkelt angled downward acodado abajo angulé vers le bas angolato verso il basso L 18 cm 30 cm	
	St 24-981-80-07 24-981-81-07		St 24-981-82-07 24-981-83-07	
	SB 24-981-80-14 24-981-81-14		SB 24-981-82-14 24-981-83-14	

Rongeurs

Rongeurs
Pinzas cortantes
Rongeurs
Pinze per afferrare



Wagner
24-981-91-07 -
24-981-93-14
zerlegbar, **kräftig**
detachable, **strong model**
desmontable, **robusto**
démontable, **robuste**
smontabile, **robusto**

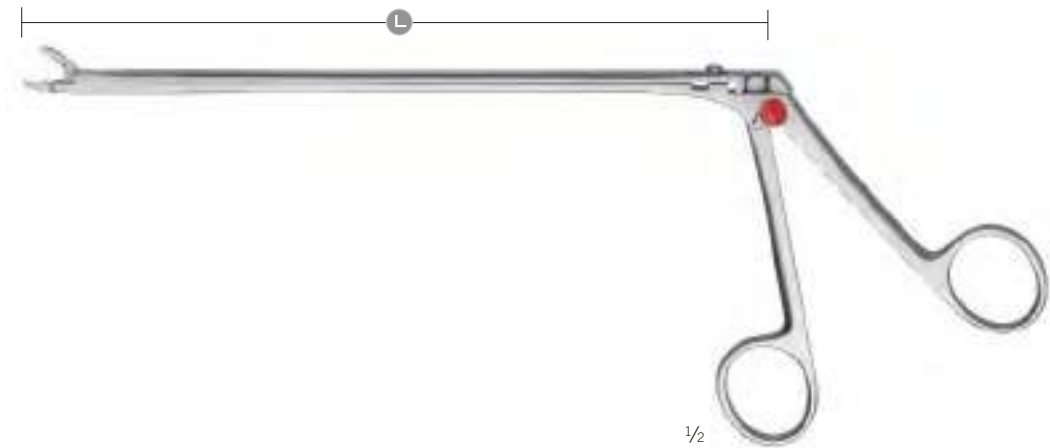
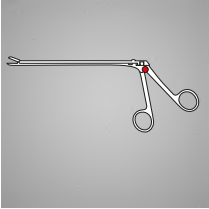
Maulbreite Jaw width Anchura de la boca Largeur de mors Larghezza della bocca		gerade straight recto droit diritto	50° aufgewinkelt angled upward acodado arrib angulé vers le haut angolato verso l'alto		50° abgewinkelt angled downward acodado abajo angulé vers le bas angolato verso il basso	
		1/1				
3 mm		L 20 cm	20 cm	30 cm	20 cm	30 cm
		St 24-981-91-07				
		SB 24-981-91-14				
4 mm		St 24-981-92-07	24-981-84-07	24-981-85-07	24-981-86-07	24-981-87-07
		SB 24-981-92-14	24-981-84-14	24-981-85-14	24-981-86-14	24-981-87-14
5 mm		St 24-981-93-07				
		SB 24-981-93-14				

Rongeurs

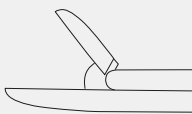
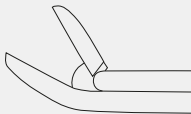
Rongeurs
Pinzas cortantes
Rongeurs
Pinze per afferrare

Laminektomiestanzen und Rongeurs

Laminectomy punches and rongeurs
Pinzas cortantes para laminectomía
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Pinze taglianti per laminectomia e pinze per afferrare



Richter
24-982-10-07 -
24-982-13-14
zerlegbar
detachable
desmontable
démontable
smontabile

Maulbreite Jaw width Anchura de la boca Largeur de mors Larghezza della bocca	gerade straight recto droit diritto		30° aufgewinkelt angled upward acodado arrib angulé vers le haut angolato verso l'alto	
				
1,0 mm 	L	18 cm	18 cm	
	St	24-982-10-07	24-982-11-07	
	SB	24-982-10-14	24-982-11-14	
1,5 mm 	St	24-982-12-07	24-982-13-07	
	SB	24-982-12-14	24-982-13-14	

Lagerung Rongeurs

Storage Rongeurs

Almacenaje para pinzas cortantes

Rangement pour rongeurs

Supporto per pinze per afferrare



55-803-20-04

Siebkorb zur Lagerung von Rongeurs mit Ringgriffen

Mesh tray for storage of rongeurs mit Ringgriffen

Bandeja cribada para almacenaje para pinzas cortantes con anillos

Panier à maille pour rangement pour rongeurs avec poignées annulaires

Vassoio reticolati per supporto er pinze per afferrare con maniglie ad anello

Wagner-Rongeurs werden in den Siebkörben der Stanzen gelagert

Wagner rongeurs are stored in the wire mesh trays of the punches

Las pinzas cortantes Wagner se almacenan en las bandejas cribadas de los punzones

Les rongeurs de Wagner sont conservés dans les paniers des poinçons

Le pinze per afferrare Wagner vengono conservate nei vassoi reticolati delle pinze



Beispiel Bestückung

Configuration example

Ejemplo de equipamiento

Exemple d'agencement

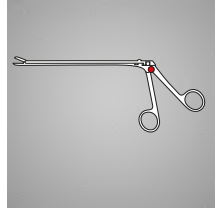
Esempio di strumenti

Zerlegen der Instrumente

Instrument disassembly
Desmontaje de los instrumentos
Démontage des instruments
Smontaggio degli strumenti

Laminectomiestanzen und Rongeurs

Laminectomy punches and rongeurs
Pinzas cortantes para laminectomía
Pincas emporte-pièces à laminectomie et rongeurs
Pinze taglienti per laminectomia e pinze per afferrare



Anweisung zum Öffnen

1. Griff schließen.
2. Knopf drücken und gedrückt halten.
3. Griff wieder öffnen. Druck auf roten Knopf beibehalten.
4. Das obere Schieberteil ist entriegelt und kann nach links ausgeschwenkt werden.



Disassembly Instructions

1. Close the handle.
2. Push the button and keep it pushed.
3. Release quickly the front part of the handle.
4. The upper movable shaft is unlocked and can be slid to the left.



Instrucciones de apertura

1. Cerrar el mango.
2. Presionar el botón y mantenerlo pulsado.
3. Volver a abrir el mango.
4. El vástago superior corredero desengrana y puede girarse hacia la izquierda.



Consigne d'ouverture

1. Refermez le manche.
2. Appuyez sur le bouton et maintenez-le enfoncé.
3. Rouvrez le manche.
4. La partie supérieure du curseur est débloquée et peut être pivotée vers la gauche.



Istruzioni per l'apertura

1. Chiudere l'impugnatura.
2. Premere e tenere premuto il pulsante.
3. Riaprire l'impugnatura.
4. La parte superiore scorrevole si sblocca e può essere ruotata a sinistra.

Hinweis

Durch nochmaliges Schließen des Griffes bleibt der Schaft ausgeschwenkt und das Instrument kann in offenem Zustand sterilisiert werden.

Advice

If the handle is closed again, the shaft remains swivelled out so that the instrument can be sterilized in open position.

Nota

Al volver a cerrar el mango de forma normal, el vástago gira y el instrumento puede esterilizarse abierto.

Remarque

En refermant une nouvelle fois le manche, la tige pivotée reste en position et l'instrument ainsi ouvert peut être stérilisé.

Nota

Richiudendo l'impugnatura il gambo resta ruotato, in modo da consentire la sterilizzazione dello strumento aperto.

Zusammensetzen

1. Griff schließen.
2. Knopf drücken und gedrückt halten.
3. Griff öffnen, Schieber einschwenken und nach unten drücken.
4. Griff nochmals schließen – das Instrument ist verriegelt.

Assembly Instructions

1. Close the handle.
2. Push the button and keep it pushed.
3. Open the handle. Slide back the movable shaft on the instrument and push the shaft downward.
4. Close the handle once again and the instrument is locked.

Montaje

1. Cerrar el mango.
2. Presionar el botón y mantenerlo pulsado.
3. Abrir el mango, girar el vástago hacia el instrumento y presionar hacia abajo.
4. Volver a cerrar el mango. El instrumento está bloqueado de nuevo.

Assemblage

1. Fermez le manche.
2. Appuyez sur le bouton et maintenez-le enfoncé.
3. Ouvrez le manche, faites pivoter le curseur et appuyez vers le bas.
4. Rouvrez le manche - l'instrument est verrouillé.

Rimontaggio

1. Chiudere l'impugnatura.
2. Premere e tenere premuto il pulsante.
3. Aprire l'impugnatura, ritrarre la barra scorrevole e premere verso il basso.
4. Richiudere l'impugnatura – lo strumento è bloccato.



LubriPen
55-997-01-04

für präzises Ölen von chirurgischen Instrumenten und Medizinprodukten
for precise lubrication of surgical instruments and medical devices
para una lubricación perfecta de instrumentos quirúrgicos y dispositivos médicos
Graissage précis d'instruments chirurgicaux et d'équipements médicaux
Lubrificazione di precisione di strumenti chirurgici e dispositivi medici



Zerlegen der Instrumente
Instrument disassembly
Desmontaje de los instrumentos
Démontage des instruments
Smontaggio degli strumenti

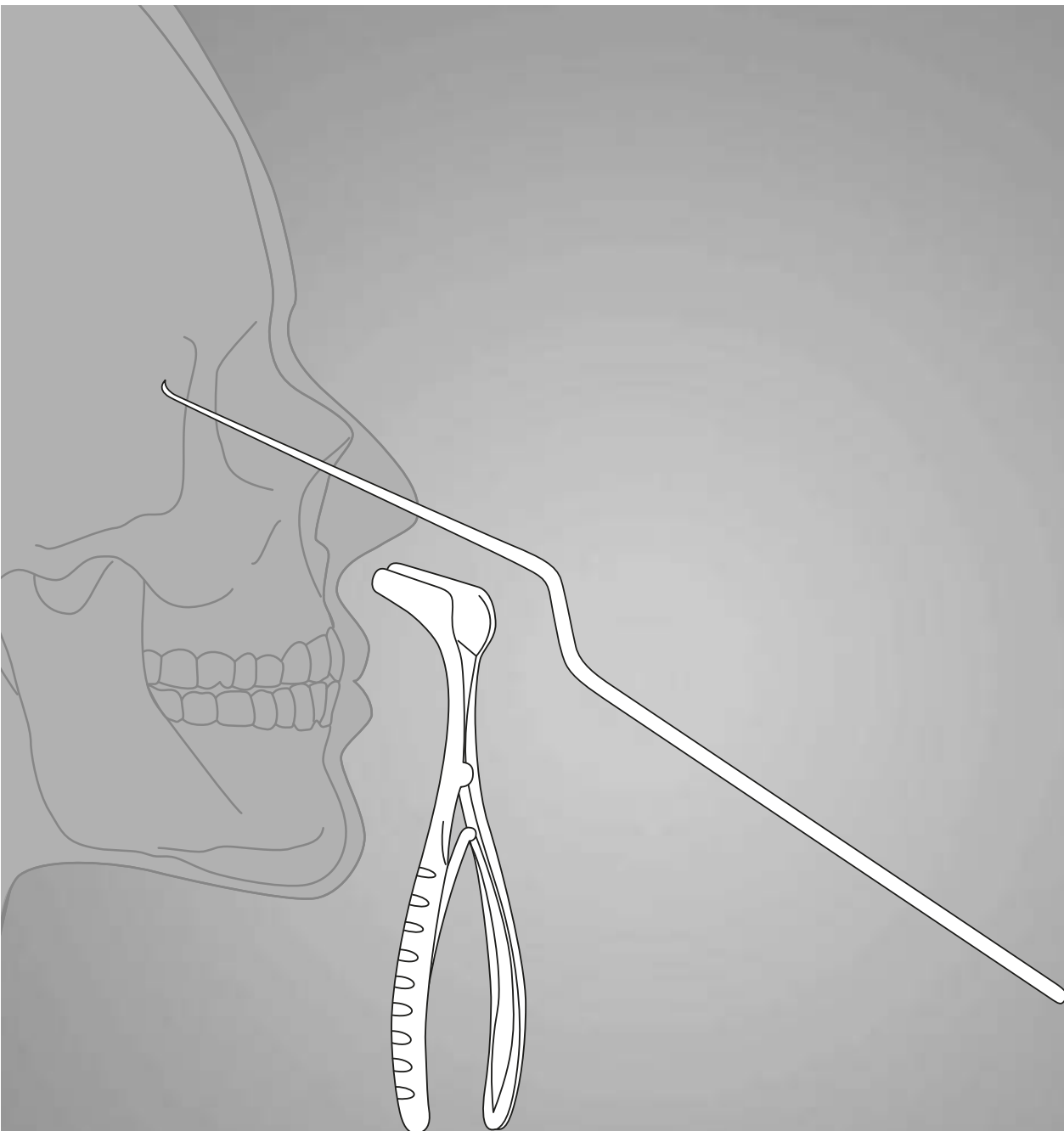
https://www.youtube.com/watch?v=18ul_MGOiJ4



http://www.youtube.com/watch?v=0tODs7_7tYE



Hypophysen- und Schädelbasis-Chirurgie
Pituitary and skull base surgery
Cirugía para hipófisis y base del cráneo
Chirurgie de l'hypophyse et de la base du crâne
Chirurgia per l'ipofisi e la base cranica



Mikaeel-Instrumente

Mikaeel instruments
Instrumentos Mikaeel
Instruments Mikaeel
Strumenti Mikaeel

Für mikroskopische Eingriffe
For microscopic procedures
Para intervenciones microscópicas
Pour interventions microscopiques
Per interventi al microscopio



Mikaeel
24-843-01-07 -
24-843-18-07

Bajonett
Bayonet
Bayoneta
Baïonnette
Baionetta



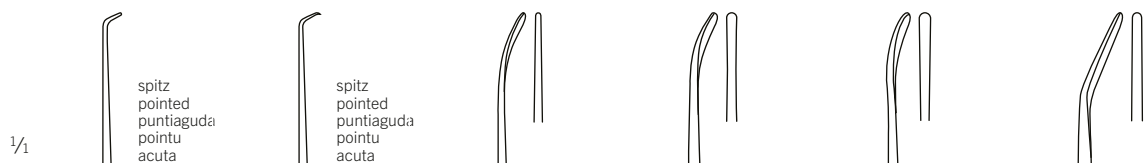
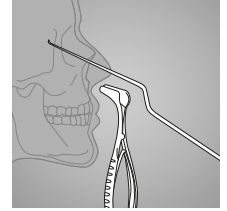
24-849-99-04

Handgriff
Handle
Mango
Manche
Manico

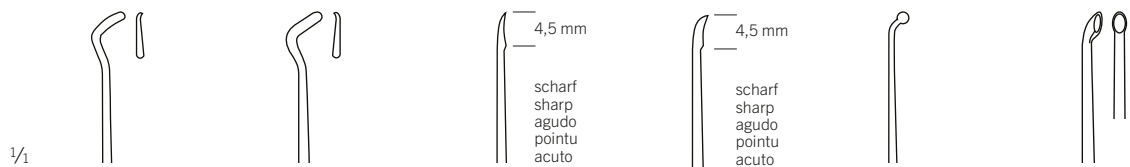


Mikaeel
24-843-70-04

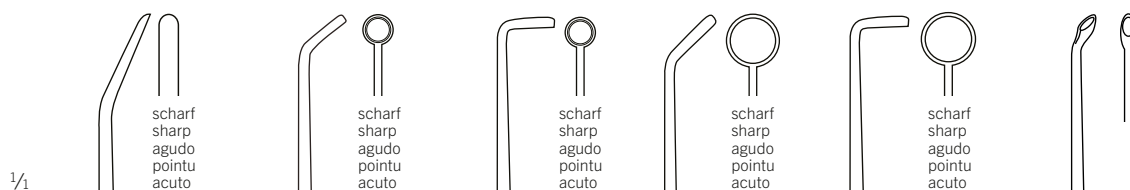
Instrumenten-Set, Fig. 1-18, 23 cm, inkl. Siebkorb und 2 Handgriffen
Instrument set, fig. 1-18, 23 cm, incl. mesh tray and 2 handles
Juego de instrumentos, fig. 1-18, 23 cm, incl. bandeja cribada y 2 mangos
Set d'instruments, fig. 1-18, 23 cm, incl. panier à maille et 2 manches
Set di strumenti, fig. 1-18, 23 cm, compr. vassoio reticolato per supporto e 2 manici



Ø			0,7 mm	1,3 mm	1,5 mm	1,3 mm
	Fig. 1	Fig. 2	Fig. 3	Fig. 4	Fig. 5	Fig. 6
23 cm, 9"	24-843-01-07	24-843-02-07	24-843-03-07	24-843-04-07	24-843-05-07	24-843-06-07



Ø	1,2 mm	1,2 mm			Ø 1,3 mm	Ø 1,9 mm
	Fig. 7	Fig. 8	Fig. 9	Fig. 10	Fig. 11	Fig. 12
23 cm, 9"	24-843-07-07	24-843-08-07	24-843-09-07	24-843-10-07	24-843-11-07	24-843-12-07



Ø	2,5 mm	Ø 4,0 mm	Ø 4,0 mm	Ø 7,0 mm	Ø 7,0 mm	2,0 mm
	Fig. 13	Fig. 14	Fig. 15	Fig. 16	Fig. 17	Fig. 18
23 cm, 9"	24-843-13-07	24-843-14-07	24-843-15-07	24-843-16-07	24-843-17-07	24-843-18-07

Tew-Instrumente

Tew instruments
Instrumentos Tew
Instruments Tew
Strumenti Tew

Für mikroskopische Eingriffe
For microscopic procedures
Para intervenciones microscópicas
Pour interventions microscopiques
Per interventi al microscopio



1/2



1/2



Tew
24-844-01-07 -
24-844-28-07

Bajonett
Bayonet
Bayoneta
Baïonnette
Baionetta

24-849-99-04

Handgriff
Handle
Mango
Manche
Manico

Tew
24-844-70-04

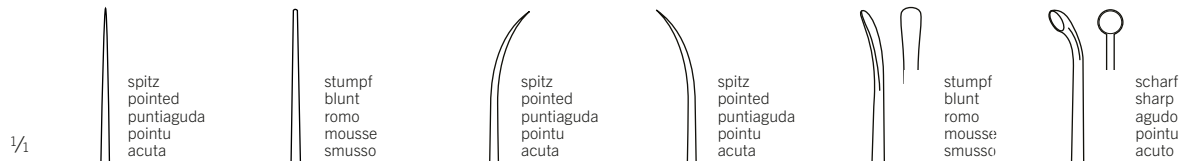
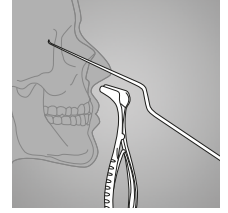
Instrumenten-Set, Fig. 1-28, 23 cm, inkl. Siebkorb und 2 Handgriffen
Instrument set, fig. 1-28, 23 cm, incl. mesh tray and 2 handles
Juego de instrumentos, fig. 1-28, 23 cm, incl. bandeja cribada y 2 mangos
Set d'instruments, fig. 1-28, 23 cm, incl. panier à maille et 2 manches
Set di strumenti, fig. 1-28, 23 cm, compr. vassoio reticolato per supporto e 2 manici

Tew-Instrumente

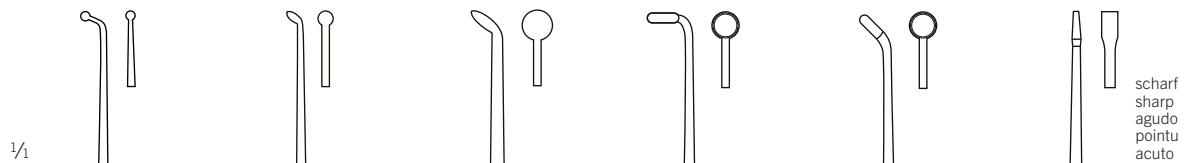
Tew instruments
Instrumentos Tew
Instruments Tew
Strumenti Tew

Hypophysen- und Schädelbasis-Chirurgie

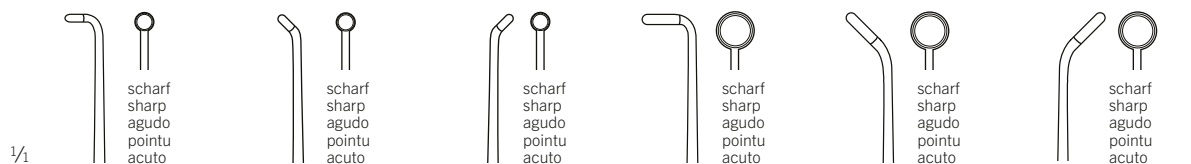
Pituitary and skull base surgery
Cirugía para hipófisis y base del cráneo
Chirurgie de l'hypophyse et de la base du crâne
Chirurgia per l'ipofisi e la base cranica



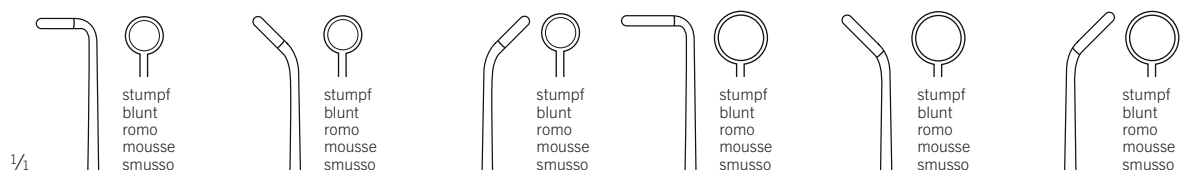
Ø	Fig. 1	Fig. 2	Fig. 3	Fig. 4	2,9 mm Fig. 5	Ø 2,9 mm Fig. 6
23 cm, 9"	24-844-01-07	24-844-02-07	24-844-03-07	24-844-04-07	24-844-05-07	24-844-06-07



Ø	Ø 1,3 mm Fig. 7	Ø 2,0 mm Fig. 8	Ø 4,0 mm Fig. 9	Ø 3,5 mm Fig. 10	Ø 4,0 mm Fig. 11	2,0 mm Fig. 12
23 cm, 9"	24-844-07-07	24-844-08-07	24-844-09-07	24-844-10-07	24-844-11-07	24-844-12-07



Ø	Ø 2,6 mm Fig. 13	Ø 2,6 mm Fig. 14	Ø 2,6 mm Fig. 15	Ø 5,0 mm Fig. 16	Ø 5,0 mm Fig. 17	Ø 5,0 mm Fig. 18
23 cm, 9"	24-844-13-07	24-844-14-07	24-844-15-07	24-844-16-07	24-844-17-07	24-844-18-07

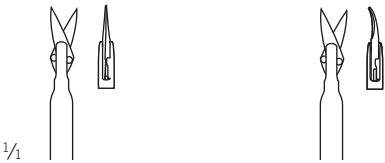


Ø	Ø 5,0 mm Fig. 19	Ø 5,0 mm Fig. 20	Ø 5,0 mm Fig. 21	Ø 7,0 mm Fig. 22	Ø 7,0 mm Fig. 23	Ø 7,0 mm Fig. 24
23 cm, 9"	24-844-19-07	24-844-20-07	24-844-21-07	24-844-22-07	24-844-23-07	24-844-24-07



Ø	2,3 mm Fig. 25	2,3 mm Fig. 26	2,3 mm Fig. 27	Ø 1,3 mm Fig. 28
23 cm, 9"	24-844-25-07	24-844-26-07	24-844-27-07	24-844-28-07

Mikrogabel
Micro fork
Micro-horquilla
Micro-fourche
Mikrogabel



		Schere, gerade, 2,5 mm Scissors, straight, 2.5 mm Tijeras, recta, 2,5 mm Ciseaux, droite, 2,5 mm Forbici, diritta, 2,5 mm	Schere, gebogen, 2,5 mm Scissors, curved, 2.5 mm Tijeras, curvada, 2,5 mm Ciseaux, courbe, 2,5 mm Forbici, curva, 2,5 mm
30 cm / 11 6/8"		24-844-80-07	24-844-81-07
	360°	24-844-84-07	24-844-85-07



		Biopsie-Zange Biopsy forceps Pinza de biopsia Forceps de biopsie Pinza per biopsia	Alligator-Zange Alligator forceps Pinza Alligator Forceps Alligator Pinza Alligator
30 cm / 11 6/8"		24-844-82-07	24-844-83-07
	360°	24-844-86-07	24-844-87-07



Tew
 24-844-80-07 -
 24-844-83-07

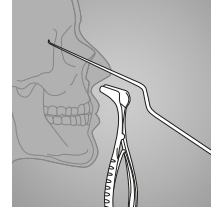
Tew
 24-844-84-07 -
 24-844-87-07

Pittsburgh-Instrumente

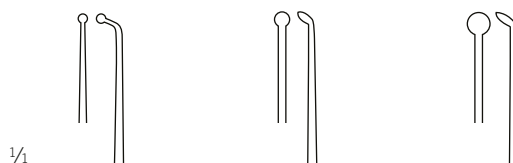
Pittsburgh instruments
Instrumentos Pittsburgh
Instruments Pittsburgh
Strumenti Pittsburgh

Hypophysen- und Schädelbasis-Chirurgie

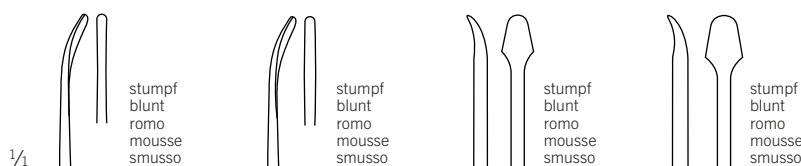
Pituitary and skull base surgery
Cirugía para hipófisis y base del cráneo
Chirurgie de l'hypophyse et de la base du crâne
Chirurgia per l'ipofisi e la base cranica



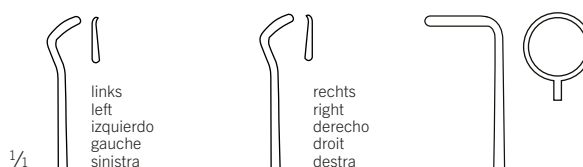
Für endoskopische Eingriffe
For endoscopic procedures
Para intervenciones endoscópicas
Pour interventions endoscopiques
Per interventi in endoscopia



Ø	Ø 1,8 mm	Ø 1,9 mm	Ø 3,0 mm
	Fig. 1	Fig. 2	Fig. 3
23 cm, 9"	TiNi 24-849-01-04	24-849-02-04	24-849-03-04



Ø	2,0 mm	2,3 mm	3,9 mm	4,9 mm
	Fig. 4	Fig. 5	Fig. 6	Fig. 7
23 cm, 9"	TiNi 24-849-04-04	24-849-05-04	24-849-06-04	24-849-07-04



Ø	1,7 mm	1,7 mm	Ø 6,3 mm
	Fig. 8	Fig. 9	Fig. 10
23 cm, 9"	TiNi 24-849-08-04	24-849-09-04	24-849-10-04



1/2



1/2

Pittsburgh
24-849-01-04 -
24-849-10-04

gerade
straight
recto
droit
diritto

24-849-99-04

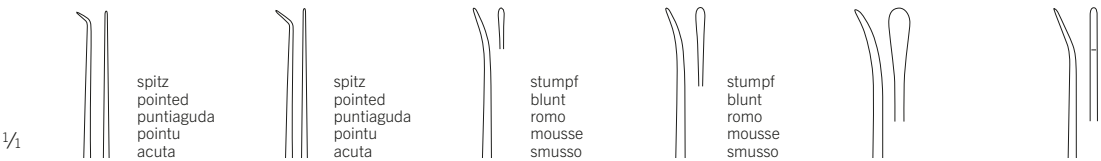
Handgriff
Handle
Mango
Manche
Manico



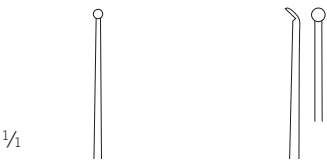
Pittsburgh
24-849-00-04

Instrumenten-Set, Fig. 1-10, inkl. Siebkorb und 1 Handgriff
Instrument set, fig. 1-10, incl. mesh tray and 1 handle
Juego de instrumentos, fig. 1-10, incl. bandeja cribada y 1 mango
Set d'instruments, fig. 1-10, incl. panier à maille et 1 manche
Set di strumenti, fig. 1-10, compr. vassoio reticolato per supporto e 1 manico

Dissektionsset für Schädelbasis-Chirurgie
Dissection set for pituitary and skull base surgery
Juego de disección para cirugía de la base del cráneo
Set de dissection pour chirurgie de la base du crâne
Set di dissezione per chirurgia per la base cranica



Ø			1,3 mm	1,7 mm	2,9 mm	2,0 mm
	Fig. 1	Fig. 2	Fig. 3	Fig. 4	Fig. 5	Fig. 6
23 cm, 9"	24-848-01-07	24-848-02-07	24-848-03-07	24-848-04-07	24-848-05-07	24-848-06-07



Ø	Ø 1,2 mm	Ø 2,0 mm
	Fig. 7	Fig. 8
23 cm, 9"	24-848-07-07	24-848-08-07



Jannetta
 24-848-01-07 -
 24-848-08-07



Jannetta
 24-848-00-04
 Instrumenten-Set, Fig. 1-8, inkl. Siebkorb
 Instrument set, fig. 1-8, incl. mesh tray
 Juego de instrumentos, fig. 1-8, incl. bandeja
 Set d'instruments, fig. 1-8, incl. panier à maille
 Set di strumenti, fig. 1-8, compr. vassoio reticolato

Hypophysenzangen

Pituitary forceps

Pinza para hipófisis

Pince pour hypophyse

Pinze per ipofisi

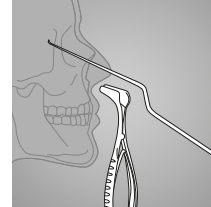
Hypophysen- und Schädelbasis-Chirurgie

Pituitary and skull base surgery

Cirugía para hipófisis y base del cráneo

Chirurgie de l'hypophyse et de la base du crâne

Chirurgia per l'ipofisi e la base cranica



Landolt

24-855-10-07

20 cm / 7 7/8"

Tumorfasszange

Tumour grasping forceps

Pinzas para sacar tumores

Pince pour saisir des tumeurs

Pinza per afferrare tumori



Ø 8,0 mm

Oldberg

24-996-25-07

25 cm / 9 3/4"

Schaftlänge

Shaft length

Longitud del vástago

Longueur du tige

Lunghezza del gambo

180 mm

Hypophysenzangen

Pituitary forceps

Pinza para hipófisis

Pince pour hypophyse

Pinze per ipofisi



Hypophysen-Spekula

Pituitary specula

Espéculos para hipófisis

Spéculums pour hypophyse

Specoli per ipofisi

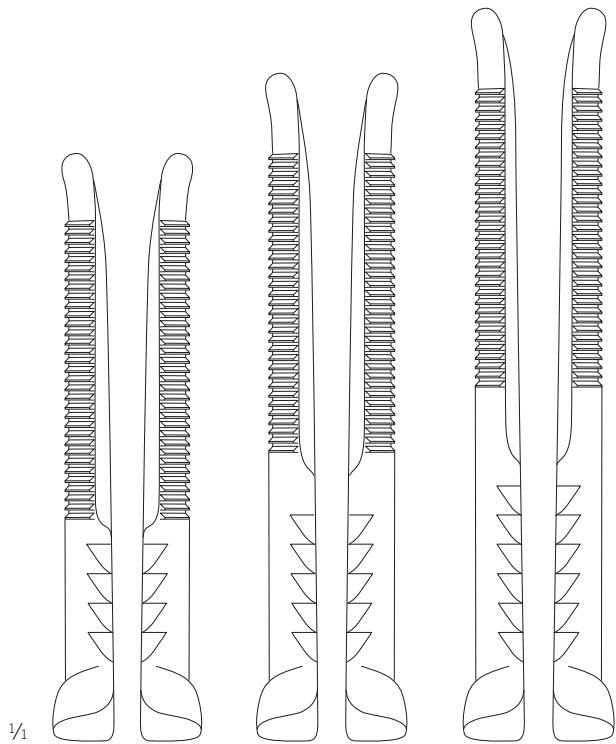
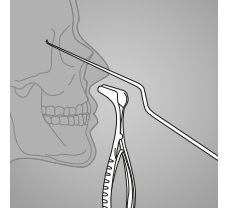
Hypophysen- und Schädelbasis-Chirurgie

Pituitary and skull base surgery

Cirugía para hipófisis y base del cráneo

Chirurgie de l'hypophyse et de la base du crâne

Chirurgia per l'ipofisi e la base cranica



24-998-08-07

80 x 13 mm



100 mm

24-998-09-07

90 x 13 mm



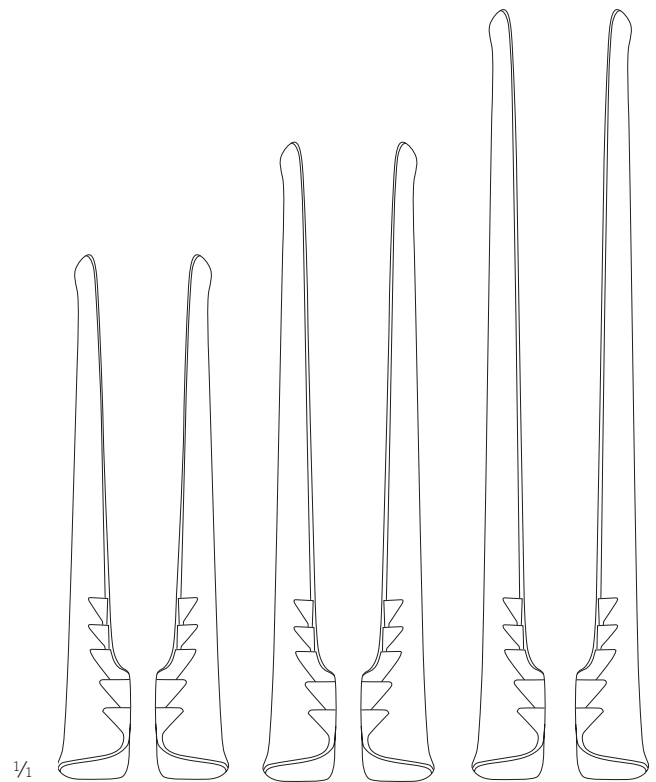
100 mm

24-998-10-07

100 x 15 mm



100 mm



24-999-07-07

70 x 16 mm



100 mm

24-999-09-07

90 x 16 mm



100 mm

24-999-11-07

110 x 16 mm



100 mm



Papavero-Caspar

24-998-08-07 - 24-998-10-07

inklusive Handgriff

incl. handle

incl. mango

manche compris

compreso manico



Cushing-Landolt

24-999-07-07 - 24-999-11-07

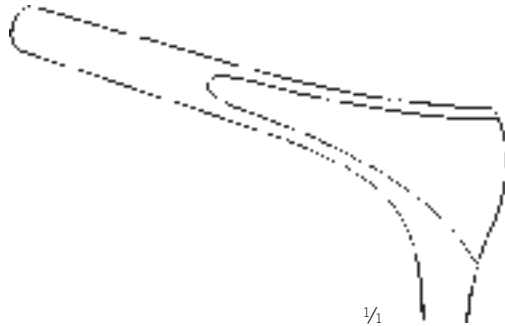
Nasenspekula

Nasal Specula

Espéculos nasales

Spéculums nasaux

Specoli nasali



36-859-75-07

16 cm / 6 ²/₈"

Blätter

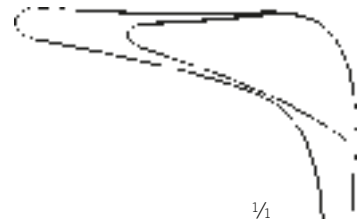
Blades

Hojas

Lames

Lame

75 mm



36-861-45-07

14 cm / 5 ⁴/₈"

Blätter

Blades

Hojas

Lames

Lame

45 mm



36-859-90-07

16 cm / 6 ²/₈"

Blätter

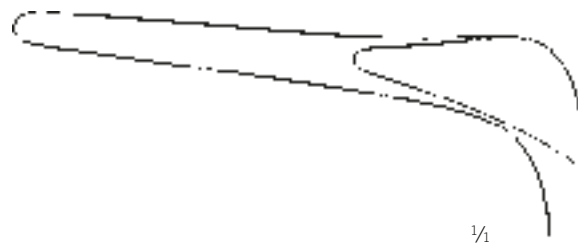
Blades

Hojas

Lames

Lame

85 mm



36-861-75-07

15,5 cm / 6 ¹/₈"

Blätter

Blades

Hojas

Lames

Lame

75 mm



1/2

Cottle

36-859-75-07 - 36-859-90-07

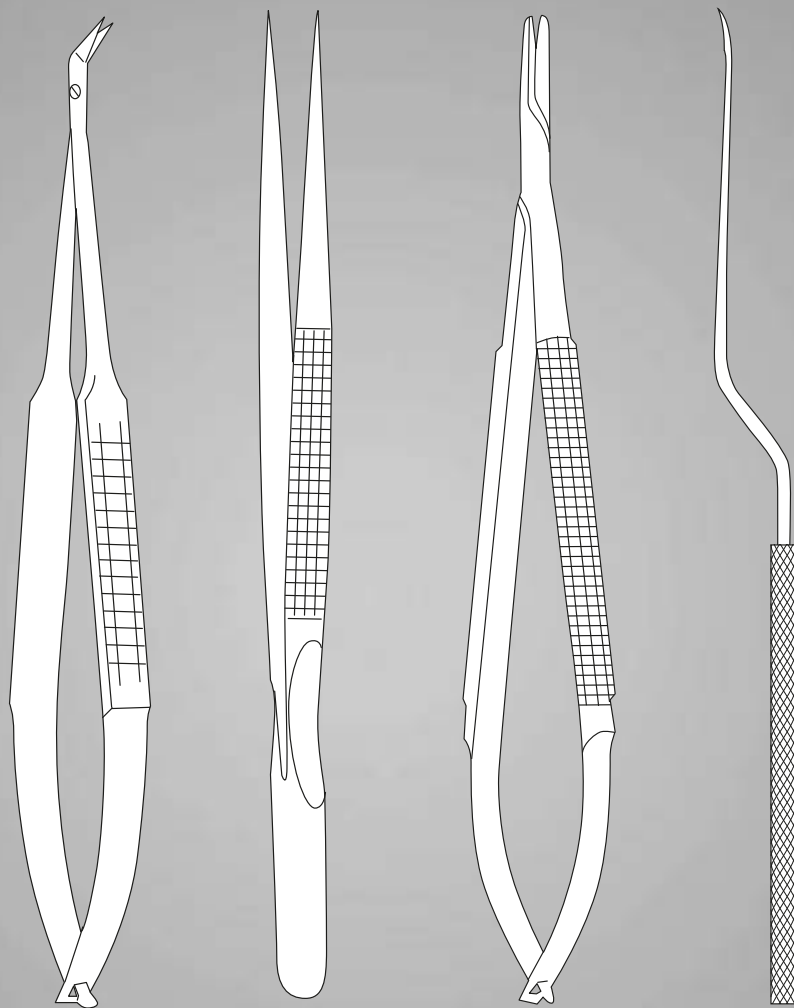


1/2

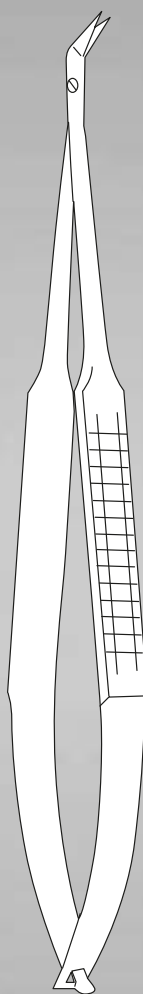
Cottle

36-861-45-07 - 36-861-75-07

Mikro-Instrumente
Micro instruments
Micro-instrumentos
Micro-instruments
Micro-strumenti



Mikro-Scheren
Micro Scissors
Micro-Tijeras
Micro-Ciseaux
Micro-Forbici



Kurze Mikro-Scheren

Short Micro Scissors
Micro-Tijeras, corto
Micro-Ciseaux, court
Micro-Forbici, corto



1/2

11-370-01-07 -
11-371-04-07
12 cm / 4 7/8"



 12 cm / 4 7/8"		A spitz/spitz sharp/sharp agudo/agudo pointu/pointu appuntato/appuntato	A spitz/spitz sharp/sharp agudo/agudo pointu/pointu appuntato/appuntato	spitz/stumpf sharp/blunt agudo/romo pointu/mousse appuntato/smusso	D stumpf/stumpf blunt/blunt romo/romo mousse/mousse smusso/smusso	mit Knopf with button con botón avec bouton con bottone
		7 mm	7 mm	7 mm	7 mm	7 mm
		11-370-01-07	11-371-01-07	11-371-02-07	11-371-03-07	11-371-04-07



1/2

11-370-02-07 -
11-371-08-07
12 cm / 4 7/8"



 12 cm / 4 7/8"		A spitz/spitz sharp/sharp agudo/agudo pointu/pointu appuntato/appuntato	A spitz/spitz sharp/sharp agudo/agudo pointu/pointu appuntato/appuntato	spitz/stumpf sharp/blunt agudo/romo pointu/mousse appuntato/smusso	D stumpf/stumpf blunt/blunt romo/romo mousse/mousse smusso/smusso	mit Knopf with button con botón avec bouton con bottone
		7 mm	7 mm	7 mm	7 mm	7 mm
		11-370-02-07	11-371-05-07	11-371-06-07	11-371-07-07	11-371-08-07

A = Adventitia
D = Präparation
A-SB = Adventitia, ein gezahntes Blatt
D-SB = Präparation, ein gezahntes Blatt

A = Adventitia
D = Dissection
A-SB = Adventitia, one serrated blade
D-SB = Dissection, one serrated blade

A = Adventicia
D = Disección
A-SB = Adventicia, una hoja dentada
D-SB = Disección, una hoja dentada

A = Advantice
D = Dissection
A-SB = Advantice, une lame dentelée
D-SB = Dissection, une lame dentelée

A = Avventizia
D = Dissezione
A-SB = Avventizia, una lama dentata
D-SB = Dissezione, una lama dentata

Mikro-Scheren

Micro Scissors
Micro-Tijeras
Micro-Ciseaux
Micro-Forbici

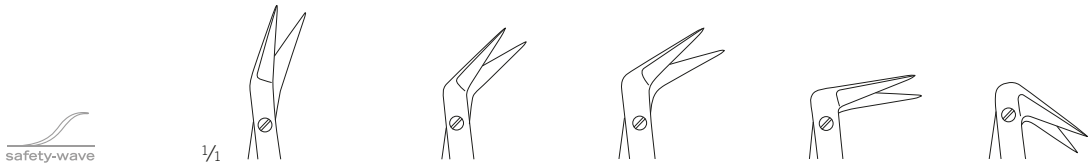
Mikro-Scheren

Micro Scissors
Micro-Tijeras
Micro-Ciseaux
Micro-Forbici



1/2

11-384-25-07 -
11-401-00-07

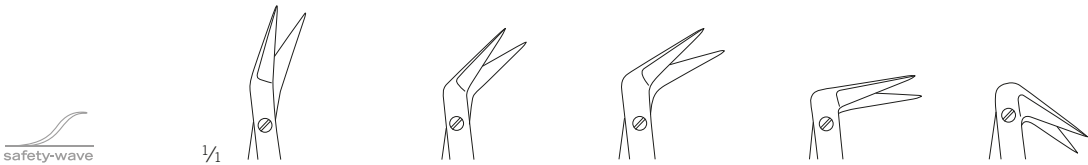


		25°	45°	60°	90°	125°
		10 mm	10 mm	10 mm	10 mm	10 mm
18 cm / 7 1/8"		11-400-25-07	11-400-45-07	11-400-60-07	11-400-90-07	11-401-00-07
21 cm / 8 2/8"		11-384-25-07	11-384-45-07	11-384-60-07	11-384-90-07	11-385-00-07



1/2

11-412-25-07 -
11-437-00-07



		25°	45°	60°	90°	125°
		10 mm	10 mm	10 mm	10 mm	10 mm
18 cm / 7 1/8"		11-412-25-07	11-412-45-07	11-412-60-07	11-412-90-07	11-413-00-07
21 cm / 8 2/8"		11-436-25-07	11-436-45-07	11-436-60-07	11-436-90-07	11-437-00-07

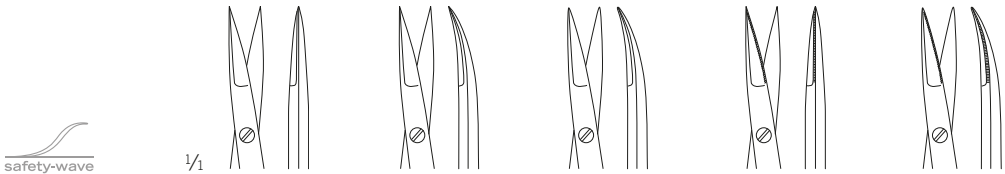
Mikro-Scheren

Micro Scissors
Micro-Tijeras
Micro-Ciseaux
Micro-Forbici



1/2

11-710-15-07 -
11-711-20-07

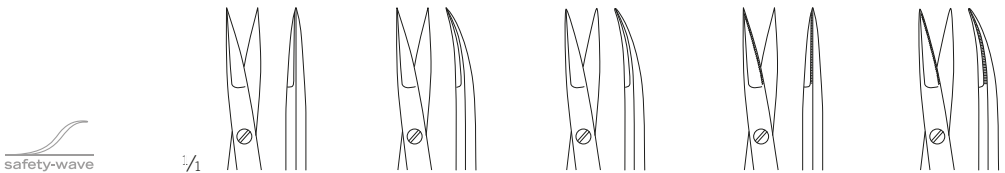


		A	A	D	A-SB	D-SB
		10 mm	10 mm	10 mm	10 mm	10 mm
15 cm / 7 1/8"	St	11-710-15-07	11-711-15-07			
18 cm / 7 1/8"	St	11-710-18-07	11-711-18-07	11-711-19-07	11-710-19-07	11-711-20-07



1/2

11-712-15-07 -
11-713-20-07



		A	A	D	A-SB	D-SB
		10 mm	10 mm	10 mm	10 mm	10 mm
15 cm / 7 1/8"	St	11-712-15-07	11-713-15-07			
18 cm / 7 1/8"	St	11-712-18-07	11-713-18-07	11-713-19-07	11-712-19-07	11-713-20-07

A = Adventitia
D = Präparation
A-SB = Adventitia, ein gezahntes Blatt
D-SB = Präparation, ein gezahntes Blatt

A = Adventitia
D = Dissection
A-SB = Adventitia, one serrated blade
D-SB = Dissection, one serrated blade

A = Adventicia
D = Disección
A-SB = Adventicia, una hoja dentada
D-SB = Disección, una hoja dentada

A = Advantice
D = Dissection
A-SB = Advantice, une lame dentelée
D-SB = Dissection, une lame dentelée

A = Awventizia
D = Dissezione
A-SB = Awventizia, una lama dentata
D-SB = Dissezione, una lama dentata

Mikro-Scheren, Mikro-Präparierscheren

Micro Scissors, Micro Dissecting Scissors

Micro-Tijeras, Micro-Tijeras de disección

Micro-Ciseaux, Micro-Ciseaux à dissection

Micro-Forbici, Micro-Forbici per dissezione

Mikro-Scheren

Micro Scissors

Micro-Tijeras

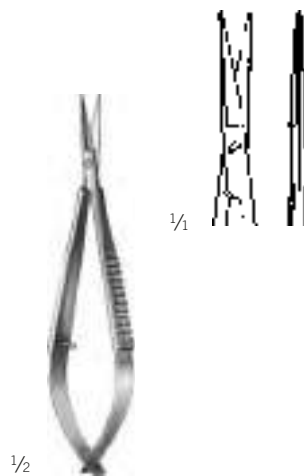
Micro-Ciseaux

Micro-Forbici

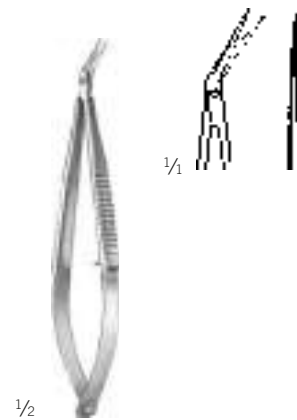


Biemer
11-758-12-07
12 cm / 4 ⁶/₈"

Mikro-Venenschere
Micro scissors for veins
Micro-tijeras para venas
Micro-ciseaux pour les veines
Micro-forbici per vene



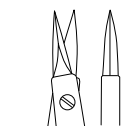
11-760-09-07
10 cm / 3 ⁷/₈"



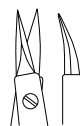
11-761-09-07
9,5 cm / 3 ⁶/₈"



24-850-01-07



24-850-02-07



24-850-03-07

Vannas
24-850-01-07 - 24-850-03-07
12 cm / 4 ⁶/₈"

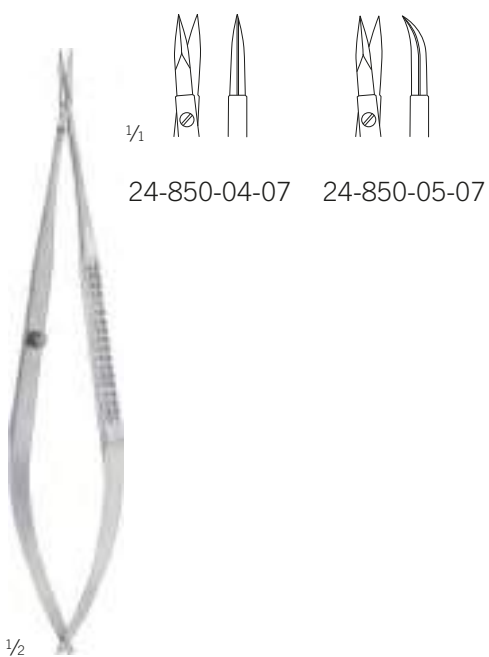
Mikro-Scheren

Micro Scissors

Micro-Tijeras

Micro-Ciseaux

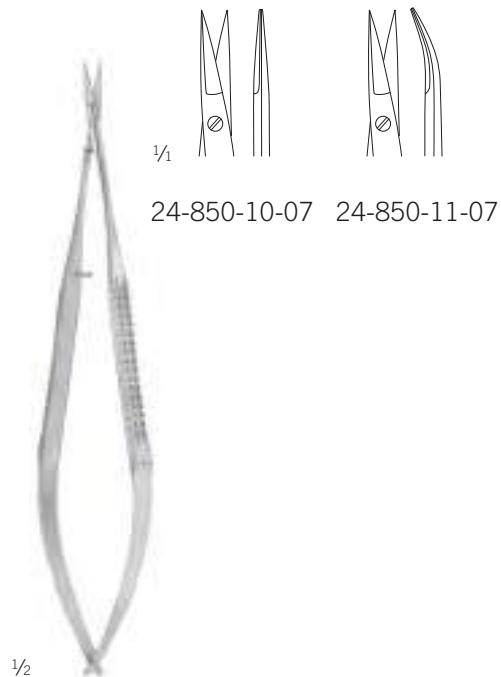
Micro-Forbici



24-850-04-07

24-850-05-07

Vannas
24-850-04-07 - 24-850-05-07
16 cm / 6 ²/₈"



24-850-10-07

24-850-11-07

Millesi
24-850-10-07 - 24-850-11-07
16 cm / 6 ²/₈"



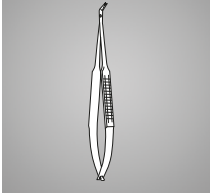
Jacobson
24-850-15-07
18,5 cm / 7 ²/₈"

Mikro-Scheren

Micro Scissors
Micro-Tijeras
Micro-Ciseaux
Micro-Forbici

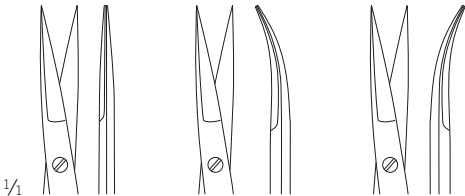
Mikro-Scheren

Micro Scissors
Micro-Tijeras
Micro-Ciseaux
Micro-Forbici



1/2

Yasargil
24-850-20-07 - 24-850-24-07

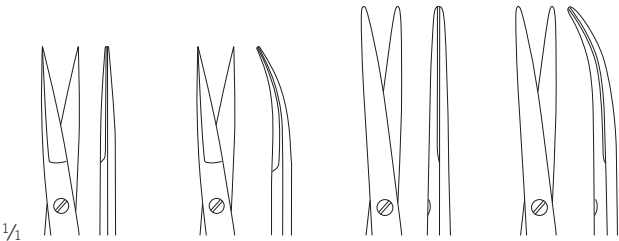


16,5 cm / 6 4/8"	St	24-850-20-07	24-850-21-07	
20 cm / 7 7/8"	St	24-850-22-07	24-850-23-07	24-850-24-07



1/2

Yasargil
24-850-25-07 - 24-850-33-07



		A	A	D	D
		15 mm	15 mm	15 mm	15 mm
20 cm / 7 7/8"	St			24-850-30-07	24-850-31-07
22,5 cm / 8 7/8"	St	24-850-25-07	24-850-26-07	24-850-33-07	24-850-32-07
24,5 cm / 9 7/8"	St		24-850-28-07		

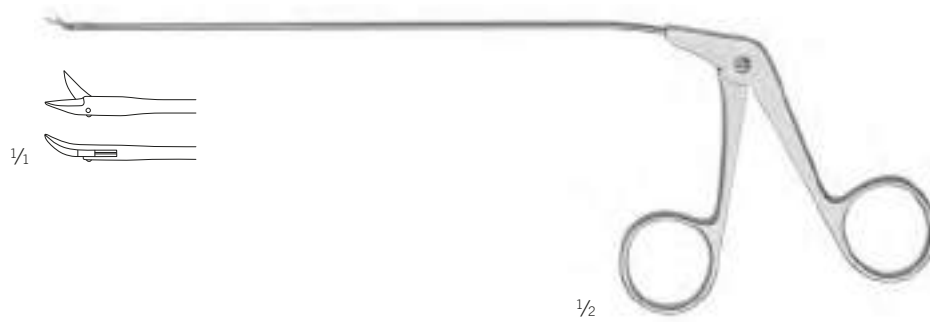
Mikro-Scheren

Micro Scissors

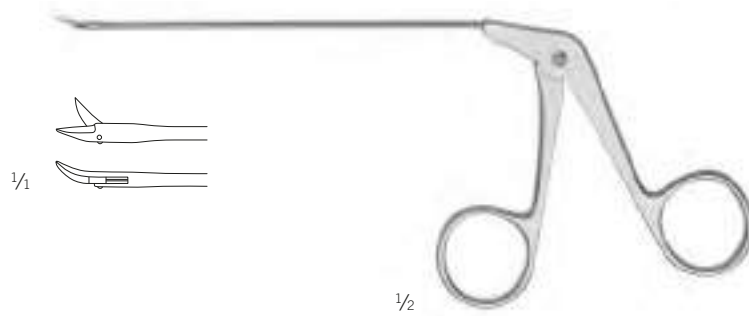
Micro-Tijeras

Micro-Ciseaux

Micro-Forbici



Fahlbusch
24-850-50-07
16,5 cm / 6 ⁴/₈"



Caspar
24-850-60-07
11,5 cm / 4 ⁴/₈"

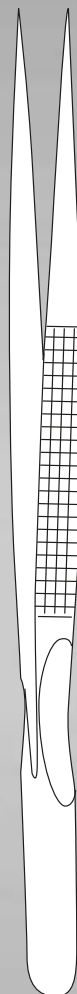
Mikro-Pinzetten

Micro Forceps

Micro-Pinzas

Micro-Pinces

Micro-Pinze



Kurze Mikro-Pinzetten

Short Micro Forceps

Micro Pinzas, corto

Micro-Pinces, court

Micro-Pinze, corto



1/2

12-552-01-07 -
12-553-06-07

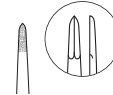
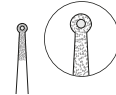
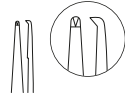
11 cm / 4 3/8"

1/1



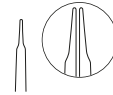
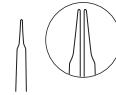
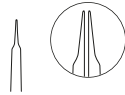
Ø	0.15 mm	0.20 mm	0.30 mm
St	12-552-01-07	12-552-02-07	12-552-03-07

1/1



	1:2	diamond-coated	diamond-coated
Ø	0.50 mm	1.2 mm	
St	12-553-01-07	12-553-05-07	12-553-06-07

1/1



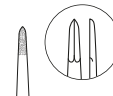
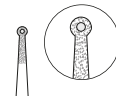
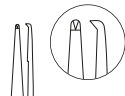
	VD	VD	VD
Ø	0.10 mm	0.20 mm	0.30 mm
gewinkelt/angled/ acodada/angulée/ angolata	10°	10°	10°
St	12-552-04-07	12-552-05-07	12-552-06-07

1/1



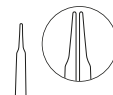
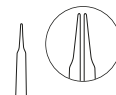
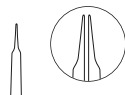
Ø	0.15 mm	0.20 mm	0.30 mm
St	12-552-07-07	12-552-08-07	12-552-09-07

1/1



	1:2	diamond-coated	diamond-coated
Ø	0.50 mm	1.2 mm	
St	12-553-07-07	12-553-08-07	12-553-09-07

1/1



	VD	VD	VD
Ø	0.10 mm	0.20 mm	0.30 mm
gewinkelt/angled/ acodada/angulée/ angolata	10°	10°	10°
St	12-552-10-07	12-552-11-07	12-552-12-07



1/2

12-552-07-07 -
12-553-09-07

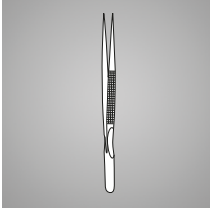
11 cm / 4 3/8"

Mikro-Pinzetten

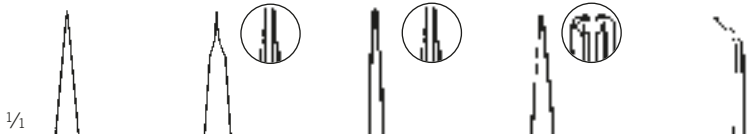
Micro Forceps
Micro-Pinzas
Micro-Pinces
Micro-Pinze

Mikro-Pinzetten

Micro Forceps
Micro-Pinzas
Micro-Pinces
Micro-Pinze



1/2

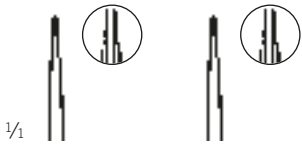


		VD	VD	Pierse	45°
	Ø	0.30 mm	0.20 mm	0.30 mm	0.30 mm
11 cm / 4 3/8"	St	12-560-00-07		12-560-05-07	12-560-45-07
13,5 cm / 5 3/8"	St	12-561-00-07	12-561-02-07	12-561-03-07	12-561-05-07

Jeweler mod.
12-560-00-07 -
12-561-45-07



1/2

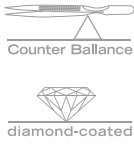


		VD	VD
	Ø	0.20 mm	0.30 mm
	gewinkelt/angled/ acodada/angulée/ angolata	10°	10°
11 cm / 4 3/8"	St	12-560-02-07	12-560-03-07

Jeweler mod.
12-560-02-07 -
12-560-03-07



1/2



				45°			Pierse
	Ø	0.30 mm	0.30 mm	0.30 mm	R Ø 1.0 x 0.5 mm	VD 0.30 mm	P 0.30 mm
15 cm / 5 7/8"	St	12-562-00-07	12-562-01-07	12-562-02-07	12-562-03-07	12-562-04-07	12-562-05-07
18 cm / 7 1/8"	St	12-563-00-07	12-563-01-07	12-563-02-07	12-563-03-07	12-563-04-07	12-563-05-07

12-562-00-07 -
12-563-05-07

Mikro-Pinzetten

Micro Forceps
Micro-Pinzas
Micro-Pinces
Micro-Pinze



1/2

12-564-15-07 -
12-581-21-09

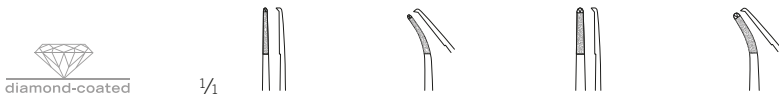


		0.40 mm	0.40 mm	0.70 mm	0.70 mm	0.80 mm	0.80 mm
15 cm / 5 7/8"	St	12-564-15-07	12-565-15-07	12-566-15-07	12-567-15-07		
15 cm / 5 7/8"	Ti	12-578-15-09	12-579-15-09			12-580-15-09	12-581-15-09
18 cm / 7 1/8"	St	12-564-18-07	12-565-18-07	12-566-18-07	12-567-18-07		
18 cm / 7 1/8"	Ti	12-578-18-09	12-579-18-09			12-580-18-09	12-581-18-09
21 cm / 8 2/8"	St			12-566-21-07	12-567-21-07		
21 cm / 8 2/8"	Ti					12-580-21-09	12-581-21-09



1/2

12-568-15-07 -
12-583-18-09



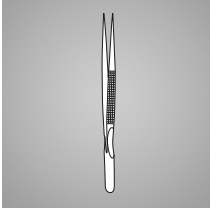
		1:2	1:2	1:2	1:2
	Ø	0.40 mm	0.40 mm	0.70 mm	0.70 mm
15 cm / 5 7/8"	St	12-568-15-07	12-569-15-07	12-570-15-07	12-571-15-07
15 cm / 5 7/8"	Ti	12-582-15-09	12-583-15-09		
18 cm / 7 1/8"	St	12-568-18-07	12-569-18-07	12-570-18-07	12-571-18-07
18 cm / 7 1/8"	Ti	12-582-18-09	12-583-18-09		

Mikropinzetten, Gefäß-Dilatationspinzetten

Micro Forceps, Micro dilating forceps
Micro Pinzas, Micro pinza de dilatación
Micro-Pinces, Micro pince à dilater
Micro-Pinze, Micro pinze per dilatazione

Mikro-Pinzetten

Micro Forceps
Micro-Pinzas
Micro-Pinces
Micro-Pinze



1/2

12-574-15-07 -
12-787-21-09

						
15 cm / 5 7/8"	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	Atrauma 
	St	12-574-15-07	12-774-15-07	12-576-15-07	12-776-15-07	12-589-15-07
	Ti	12-586-15-09	12-786-15-09	12-588-15-09	12-787-15-09	12-590-15-09
18 cm / 7 1/8"	St	12-574-18-07	12-774-18-07	12-576-18-07	12-776-18-07	12-589-18-07
	Ti	12-586-18-09	12-786-18-09	12-588-18-09	12-787-18-09	12-590-18-09
21 cm / 8 3/8"	St	12-574-21-07	12-774-21-07	12-576-21-07	12-776-21-07	12-589-21-07
	Ti	12-586-21-09	12-786-21-09	12-588-21-09	12-787-21-09	12-590-21-09



1/2

12-591-00-07 -
12-592-05-07

									
	Ø	0.30 mm	0.30 mm	45°	R Ø 1.0 x 0.5 mm	VD* 0.30 mm			Pierse
				0.30 mm					
15 cm / 5 7/8"	St	12-591-00-07	12-591-01-07	12-591-02-07	12-591-03-07	12-591-04-07			12-591-05-07
18 cm / 7 1/8"	St	12-592-00-07	12-592-01-07	12-592-02-07	12-592-03-07	12-592-04-07			12-592-05-07

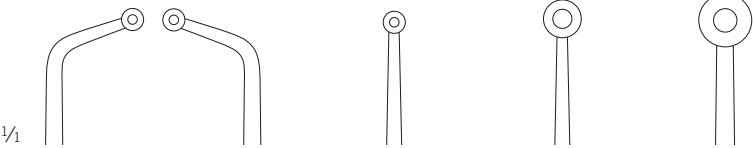
*VD = Gefäßdilator
Vascular dilator
Dilatador vascular
Dilatateur vasculaire
Dilatatore vascolare

Mikro-Pinzetten

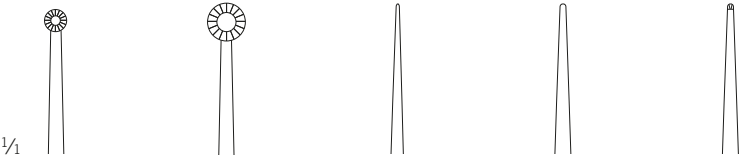
Micro Forceps
Micro Pinzas
Micro-Pinces
Micro-Pinze



1/2



		Samii	Samii	Yasargil-Samii	Yasargil-Samii	Yasargil-Samii
	Ø	3.0 mm	3.0 mm	3.0 mm	5.0 mm	7.0 mm
23 cm / 9"		24-852-01-07	24-852-02-07			
24 cm / 9 1/8"				24-852-10-07	24-852-11-07	24-852-12-07

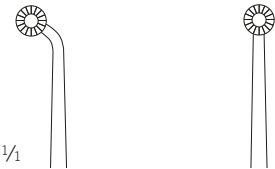


		Yasargil	Yasargil	Yasargil	Yasargil	Yasargil
	Ø	3.0 mm	5.0 mm	0.6 mm	0.9 mm	
	mm					1:2
18 cm / 7 1/8"				24-852-70-07	24-852-71-07	24-852-72-07
20 cm / 7 7/8"				24-852-73-07	24-852-74-07	
22 cm / 8 5/8"		24-852-25-07	24-852-26-07	24-852-75-07	24-852-76-07	

24-852-01-07 -
24-852-76-07



1/2



24-852-60-07

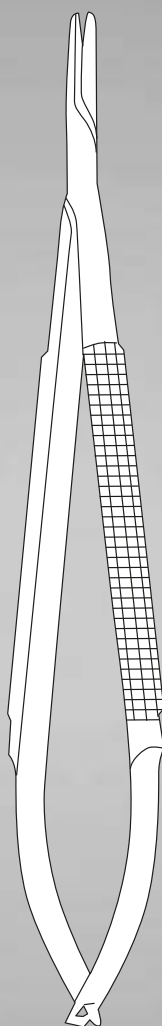
5 mm
abgewinkelt
angled
acodado
coudé
angolato

24-852-61-07

5 mm
bajonett
bayonet
bayoneta
baïonnette
baionetta

Hunt
24-852-60-07 -
24-852-61-07

Mikro-Nadelhalter
Micro Needle Holders
Micro-Porta-agujas
Micro-Porte-aiguilles
Micro-Portaghi



Mikro-Nadelhalter

Micro Needle Holders

Micro-Porta-agujas

Micro-Porte-aiguilles

Micro-Portaghi



8-0 – 9-0

1/1



1/2

		mit Sperre with lock con trinquete avec cran d'arrêt con arresto	mit Sperre with lock con trinquete avec cran d'arrêt con arresto	ohne Sperre without lock sin trinquete sans cran d'arrêt senza arresto	ohne Sperre without lock sin trinquete sans cran d'arrêt senza arresto
	Ø	0.40 mm	0.40 mm	0.40 mm	0.40 mm
15 cm / 5 7/8"	St	20-002-15-07	20-003-15-07	20-004-15-07	20-005-15-07
	Ti	20-016-15-09	20-017-15-09	20-018-15-09	20-019-15-09
18 cm / 7 1/8"	St	20-002-18-07	20-003-18-07	20-004-18-07	20-005-18-07
	Ti	20-016-18-09	20-017-18-09	20-018-18-09	20-019-18-09

20-002-15-07 -
20-019-18-09



6-0 – 8-0

1/1



1/2

		mit Sperre with lock con trinquete avec cran d'arrêt con arresto	mit Sperre with lock con trinquete avec cran d'arrêt con arresto	ohne Sperre without lock sin trinquete sans cran d'arrêt senza arresto	ohne Sperre without lock sin trinquete sans cran d'arrêt senza arresto
	Ø	0.80 mm	0.80 mm	0.80 mm	0.80 mm
15 cm / 5 7/8"	St	20-010-15-07	20-011-15-07	20-012-15-07	20-013-15-07
	Ti	20-020-15-09	20-021-15-09	20-022-15-09	20-023-15-09
18 cm / 7 1/8"	St	20-010-18-07	20-011-18-07	20-012-18-07	20-013-18-07
	Ti	20-020-18-09	20-021-18-09	20-022-18-09	20-023-18-09
21 cm / 8 2/8"	St	20-010-21-07	20-011-21-07	20-012-21-07	20-013-21-07
	Ti	20-020-21-09	20-021-21-09	20-022-21-09	20-023-21-09
23 cm / 9"	St	20-010-23-07	20-011-23-07	20-012-23-07	20-013-23-07
	Ti	20-020-23-09	20-021-23-09	20-022-23-09	20-023-23-09

20-010-15-07 -
20-023-23-09

Mikro-Nadelhalter

Micro Needle Holders
Micro-Porta-agujas
Micro-Porte-aiguilles
Micro-Portaghi

Mikro-Nadelhalter

Micro Needle Holders
Micro-Porta-agujas
Micro-Porte-aiguilles
Micro-Portaghi



5-0 – 7-0

1/1



1/2

20-030-15-07 -
20-033-23-09

		mit Sperre with lock con trinquete avec cran d'arrêt con arresto	mit Sperre with lock con trinquete avec cran d'arrêt con arresto	ohne Sperre without lock sin trinquete sans cran d'arrêt senza arresto	ohne Sperre without lock sin trinquete sans cran d'arrêt senza arresto
	Ø	1.2 mm	1.2 mm	1.2 mm	1.2 mm
15 cm / 5 7/8"	St	20-030-15-07	20-031-15-07	20-032-15-07	20-033-15-07
	Ti	20-030-15-09	20-031-15-09	20-032-15-09	20-033-15-09
18 cm / 7 1/8"	St	20-030-18-07	20-031-18-07	20-032-18-07	20-033-18-07
	Ti	20-030-18-09	20-031-18-09	20-032-18-09	20-033-18-09
21 cm / 8 2/8"	St	20-030-21-07	20-031-21-07	20-032-21-07	20-033-21-07
	Ti	20-030-21-09	20-031-21-09	20-032-21-09	20-033-21-09
23 cm / 9"	St	20-030-23-07	20-031-23-07	20-032-23-07	20-033-23-07
	Ti	20-030-23-09	20-031-23-09	20-032-23-09	20-033-23-09

1/1



1/2

20-048-18-07 -
20-051-18-07
18 cm / 7 1/8"

		mit Sperre with lock con trinquete avec cran d'arrêt con arresto	mit Sperre with lock con trinquete avec cran d'arrêt con arresto	ohne Sperre without lock sin trinquete sans cran d'arrêt senza arresto	ohne Sperre without lock sin trinquete sans cran d'arrêt senza arresto
18 cm / 7 1/8"	St	20-048-18-07	20-049-18-07	20-050-18-07	20-051-18-07



1/2

Barraquer-Troutman
20-298-10-07 -
20-299-11-07



20-298-10-07
10,5 cm / 4 1/8"



20-298-11-07
11,5 cm / 4 4/8"



20-299-10-07
10,5 cm / 4 1/8"



20-299-11-07
11,5 cm / 4 4/8"



1/2

Barraquer
20-300-11-07 -
20-300-14-07

1/1



		ohne Sperre without lock sin trinquete sans cran d'arrêt senza arresto	ohne Sperre without lock sin trinquete sans cran d'arrêt senza arresto	mit Sperre with lock con trinquete avec cran d'arrêt con arresto
11,5 cm / 4 4/8"	St	20-300-11-07		
13,5 cm / 5 3/8"	St		20-300-13-07	20-300-14-07

Mikro-Nadelhalter

Micro Needle Holders
Micro-Porta-agujas
Micro-Porte-aiguilles
Micro-Portaghi

Mikro-Nadelhalter

Micro Needle Holders
Micro-Porta-agujas
Micro-Porte-aiguilles
Micro-Portaghi



Barraquer
20-301-13-07

13,5 cm / 5 ³/₈"

sehr feines Maul
very delicate jaw
boca muy delicada
mors très fin
morso strafino



Castroviejo-Fino
20-302-01-07

13 cm / 5 ¹/₈"

sehr feines Maul
very delicate jaw
boca muy delicada
mors très fin
morso strafino



Castroviejo-Fino
20-303-01-07

13 cm / 5 ¹/₈"

sehr feines Maul
very delicate jaw
boca muy delicada
mors très fin
morso strafino



Castroviejo-Fino
20-303-09-07

9 cm / 3 ⁴/₈"



Castroviejo-Fino
20-304-01-07

13 cm / 5 ¹/₈"

sehr feines Maul, mit Sperre
very delicate jaw, with lock
boca muy delicada, con cierre
mors très fin, avec serrure
morso strafino, con fermo



Castroviejo-Fino
20-304-09-07

9 cm / 3 ⁴/₈"



Castroviejo-Fino
20-305-01-07

13 cm / 5 ¹/₈"

sehr feines Maul, mit Sperre
very delicate jaw, with lock
boca muy delicada, con cierre
mors très fin, avec serrure
morso strafino, con fermo

Mikro-Nadelhalter

Micro Needle Holders

Micro-Porta-agujas

Micro-Porte-aiguilles

Micro-Portaghi



1/1



20-306-14-07
14,5 cm / 5 6/8"

20-307-14-07
14,5 cm / 5 6/8"

1/2

Castroviejo
20-306-14-07 -
20-307-14-07



1/1



20-308-14-07
14,5 cm / 5 6/8"

20-309-14-07
14,5 cm / 5 6/8"

1/2

Castroviejo
20-308-14-07 -
20-309-14-07



1/1



20-310-14-07
14,5 cm / 5 6/8"

20-311-14-07
14,5 cm / 5 6/8"

1/2

Castroviejo
20-310-14-07 -
20-311-14-07

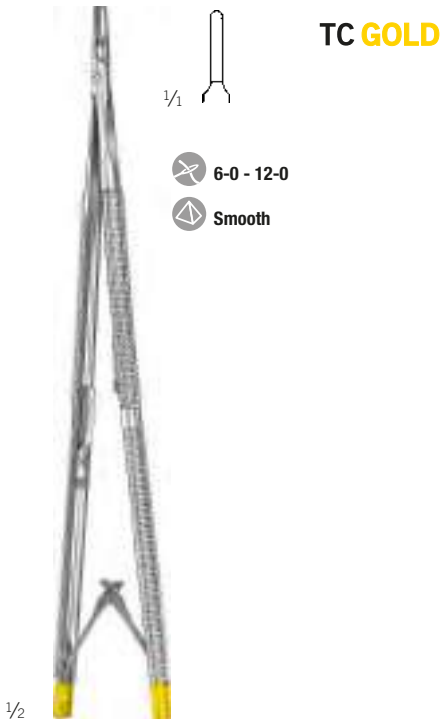


1/1

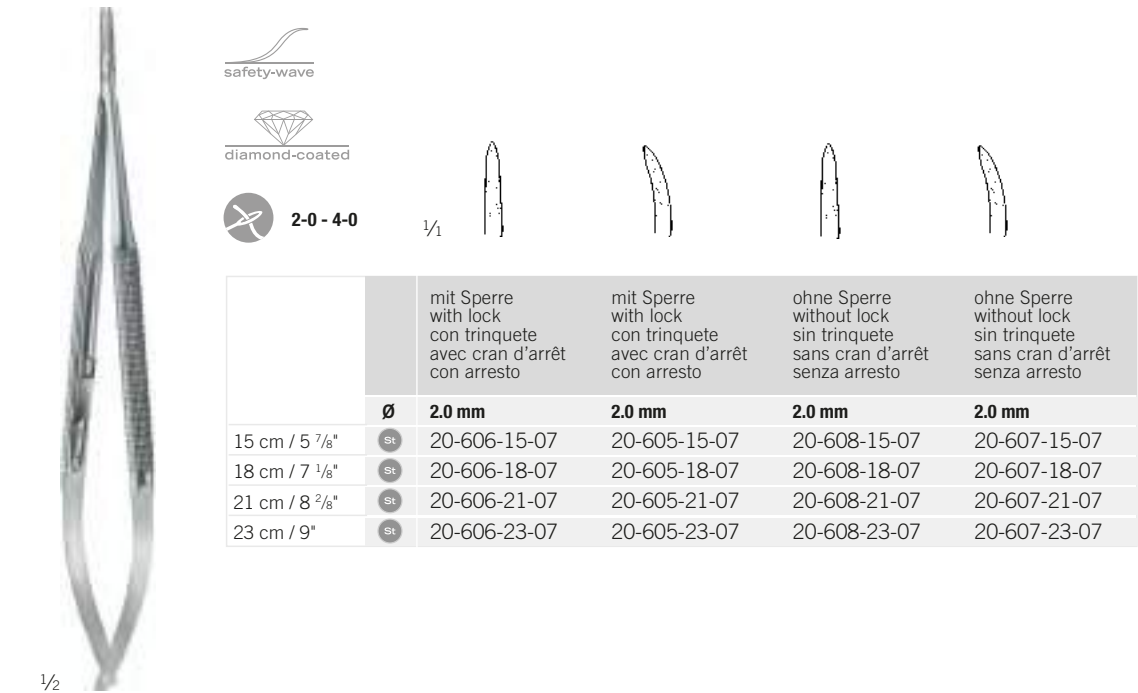


1/2

Castroviejo
20-313-14-07
14,5 cm / 5 6/8"



Hepp-Scheidel
20-602-18-07
18,5 cm / 7 2/8"



20-605-15-07 -
20-608-23-07



2-0 - 5-0



1/1



5-0 - 8-0



Micro



1/2

Jaboma
20-610-18-07
18 cm / 7 1/8"



1/2

Heavy Duty
20-613-19-07 -
20-613-23-07

1/1



20-613-19-07
19 cm / 7 4/8"



20-613-23-07
23 cm / 9"

Kurze Mikro-Nadelhalter

Short Micro Needle Holders
Micro Porta-agujas, corto
Micro porte-aiguilles, court
Micro Portaghi, corto

Mikro-Nadelhalter

Micro Needle Holders
Micro-Porta-agujas
Micro-Porte-aiguilles
Micro-Portaghi



1/2

20-614-01-07 -
20-615-02-07
14,5 cm / 5 5/8"



8-0 - 9-0

1/1



		mit Sperre with lock con trinquete avec cran d'arrêt con arresto	mit Sperre with lock con trinquete avec cran d'arrêt con arresto	ohne Sperre without lock sin trinquete sans cran d'arrêt senza arresto	ohne Sperre without lock sin trinquete sans cran d'arrêt senza arresto
Ø		0.40 mm	0.40 mm	0.40 mm	0.40 mm
St		20-614-02-07	20-615-01-07	20-614-01-07	20-615-02-07



1/2

20-614-03-07 -
20-615-04-07
14,5 cm / 5 5/8"



8-0 - 9-0

1/1



		mit Sperre with lock con trinquete avec cran d'arrêt con arresto	ohne Sperre without lock sin trinquete sans cran d'arrêt senza arresto	ohne Sperre without lock sin trinquete sans cran d'arrêt senza arresto	mit Sperre with lock con trinquete avec cran d'arrêt con arresto
Ø		0.40 mm	0.40 mm	0.40 mm	0.40 mm
St		20-614-04-07	20-615-04-07	20-614-03-07	20-615-03-07

Mikro-Nadelhalter

Micro Needle Holders

Micro-Porta-agujas

Micro-Porte-aiguilles

Micro-Portaghi

TC GOLD



1/1

20-620-00-07

14,5 cm / 5 7/8"

Mikroprofil
micro profile
perfil micro
profil micro
profilo micro



5-0 - 8-0



20-620-01-07

14,5 cm / 5 7/8"

Mikroprofil
micro profile
perfil micro
profil micro
profilo micro



5-0 - 8-0



20-620-14-07

14,5 cm / 5 7/8"

glattes Maul
smooth jaw
boca lisa
mors lisse
morso liscio



5-0 - 8-0



20-620-18-07

18 cm / 7 1/8"

Mikroprofil
micro profile
perfil micro
profil micro
profilo micro



5-0 - 8-0



1/2



1/1

20-620-21-07

22 cm / 8 5/8"

Mikroprofil
micro profile
perfil micro
profil micro
profilo micro



5-0 - 8-0



20-621-14-07

14,5 cm / 5 7/8"

glattes Maul
smooth jaw
boca lisa
mors lisse
morso liscio



5-0 - 8-0



20-621-18-07

18 cm / 7 1/8"

Mikroprofil
micro profile
perfil micro
profil micro
profilo micro



5-0 - 8-0



20-621-21-07

22 cm / 8 5/8"

Mikroprofil
micro profile
perfil micro
profil micro
profilo micro



5-0 - 8-0

Castroviejo
20-620-00-07 -
20-621-21-07

Mikro-Nadelhalter

Micro Needle Holders

Micro-Porta-agujas

Micro-Porte-aiguilles

Micro-Portaghi

Mikro-Nadelhalter

Micro Needle Holders

Micro-Porta-agujas

Micro-Porte-aiguilles

Micro-Portaghi



TC GOLD



Castroviejo
20-624-13-07

12,5 cm / 4 7/8"

mit Sperre
with lock
con cierre
avec serrure
con fermo



Barraquer
20-626-13-07

13 cm / 5 1/8"

mit Sperre
with lock
con cierre
avec serrure
con fermo



Barraquer
20-628-13-07

13 cm / 5 1/8"

ohne Sperre
without lock
sin trinquete
sans cran d'arrêt
senza arresto

Mikro-Nadelhalter

Micro Needle Holders

Micro-Porta-agujas

Micro-Porte-aiguilles

Micro-Portaghi



1/2

1/1



24-851-10-07

20 cm / 7 7/8"



24-851-11-07

20 cm / 7 7/8"



24-851-12-07

22,5 cm / 8 7/8"

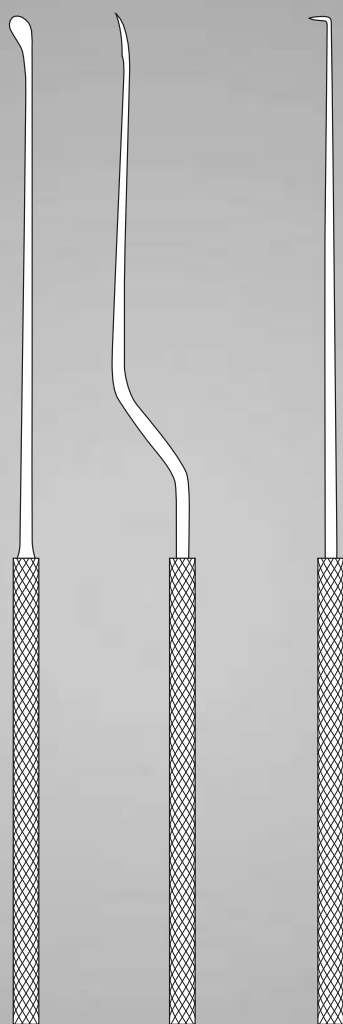


24-851-13-07

22,5 cm / 8 7/8"

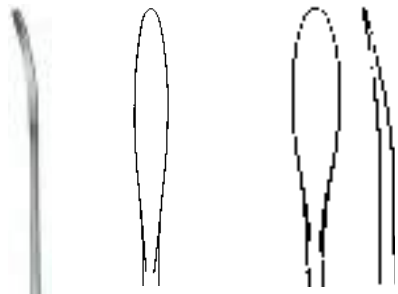
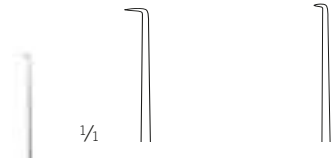
Yasargil
24-851-10-07 -
24-851-13-07

Mikro-Instrumente
Micro instruments
Micro-instrumentos
Micro-instruments
Micro-strumenti



Mikro-Instrumente

Micro instruments
Micro-instrumentos
Micro instruments
Micro-strumenti

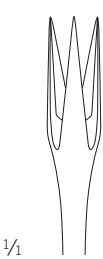
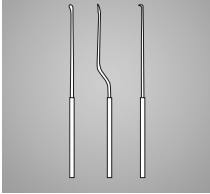
 4 mm 24-537-14-07 14 cm / 5 ⁴/₈" 5,5 mm 24-537-24-07 23,5 cm / 9 ²/₈"	 2,5 mm 90° 24-830-19-07 1,4 mm 90° 24-831-19-07	 24-835-13-07 13 cm / 5 ¹/₈" 24-835-18-07 18 cm / 7 ¹/₈"
1/2 24-537-14-07 - 24-537-24-07 Intimspatel Intima Spatulas Espátulas para la íntima Spatules pour la tunique interne Spatole per intima	1/2 24-830-19-07 - 24-831-19-07 19 cm / 7 ⁴/₈" Mikro-Häkchen Micro hooklet Micro-gancho Micro-crochet Micro-uncino	1/2 Frazier 24-835-13-07 - 24-835-18-07

Mikro-Instrumente

Micro instruments
Micro-instrumentos
Micro instruments
Micro-strumenti

Mikro-Instrumente

Micro instruments
Micro-instrumentos
Micro instruments
Micro-strumenti

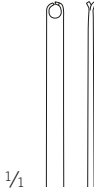


24-853-01-07
Ø 8 mm



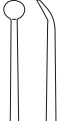
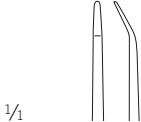
24-853-02-07
Ø 5 mm

Yasargil
24-853-01-07 - 24-853-02-07
20 cm / 7 7/8"
Tumorgabel
Tumor fork
Horquilla para tumor
Fourche à tumeurs
Forchetta per tumore



Ø 1,8 mm

24-853-03-07
18,5 cm / 7 3/8"
Gewebekralle
Tissue forceps
Pinza para tejido
Pince à tissus
Pinze per tessuto

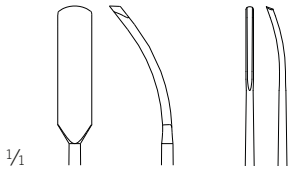


Ø		Samii	Samii
1,0 mm	St	24-854-01-07	
1,5 mm	St	24-854-02-07	24-854-09-07
2,0 mm	St	24-854-03-07	
2,5 mm	St	24-854-04-07	
3,0 mm	St	24-854-05-07	24-854-10-07
3,5 mm	St	24-854-06-07	
4,0 mm	St	24-854-07-07	
4,5 mm	St		24-854-11-07
5,0 mm	St	24-854-08-07	
6,0 mm	St		24-854-12-07

Samii
24-854-01-07 - 24-854-12-07
23 cm / 9"
Tumormesser
Tumor knife
Bisturí para tumor
Couteau à tumeurs
Coltello per tumore

Mikro-Instrumente

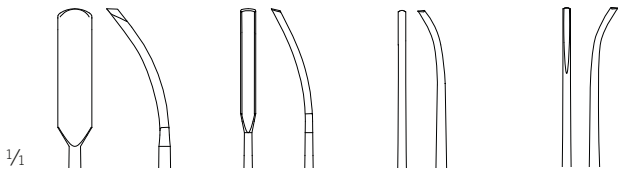
Micro instruments
Micro-instrumentos
Micro instruments
Micro-strumenti



	Ø	4,5 mm	1,0 mm
20 cm / 7 7/8"	St		24-856-04-07
23 cm / 9"	St	24-856-01-07	

Caspar
24-856-01-07 -
24-856-04-07

Mikro-Dissektor, gerade, scharf
Micro dissector, straight, sharp
Micro-dissector, recto, agudo
Micro-dissecteur, droit, pointu
Micro-dissettore, diritto, acuto



	Ø	4,5 mm	2,0 mm	1,0 mm	1,0 mm
20 cm / 7 7/8"	St			24-856-05-07	24-856-06-07
23 cm / 9"	St	24-856-02-07	24-856-03-07		

Caspar
24-856-02-07 -
24-856-06-07

Mikro-Dissektor, bajonett, scharf
Micro dissector, bayonet, sharp
Micro-dissector, bayoneta, agudo
Micro-dissecteur, baïonnette, pointu
Micro-dissettore, baionetta, acuto

Mikro-Instrumente

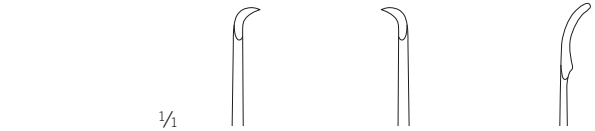
Micro instruments
Micro-instrumentos
Micro instruments
Micro-strumenti

Mikro-Instrumente

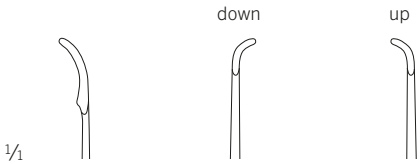
Micro instruments
Micro-instrumentos
Micro instruments
Micro-strumenti



Samii
24-858-01-07
23 cm / 9"
Lanzettenmesser
Lancet knife
Cuchillo de lanceta
Couteau lancéolaire
Coltello lanceolato



		Koos	Koos	Koos
18,5 cm / 7 2/8"	St	24-858-10-07	24-858-11-07	24-858-12-07

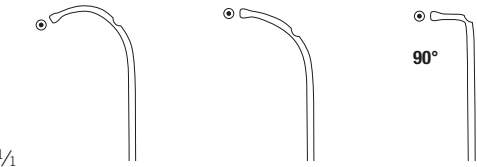


		Koos	Yasargil	Yasargil
18,5 cm / 7 2/8"	St	24-858-13-07	24-858-20-07	24-858-21-07

24-858-10-07 -
24-858-21-07
Mikrogefäßmesser, bajonett
Micro vascular knife, bayonet
Micro-cuchillo vascular, bayoneta
Micro-couteau vasculaire, baïonnette
Micro-coltello vascolare, baionetta



Jacobson
24-858-30-07
18,5 cm / 7 2/8"
Mikrogefäßmesser
Micro vascular knife
Micro-cuchillo vascular
Micro-couteau vasculaire
Micro-coltello vascolare

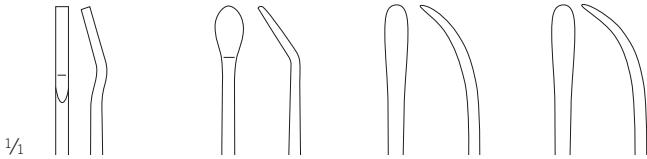


		gebogen curved curvo courbé curvo	gebogen curved curvo courbé curvo	gebogen curved curvo courbé curvo
	Ø	1,5 mm	1,5 mm	1,5 mm
18,5 cm / 7 2/8"		24-860-02-07	24-860-03-07	24-860-04-07

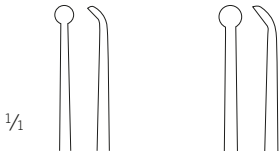
Yasargil
24-860-02-07 -
24-860-04-07
18,5 cm / 7 2/8"
Fadenführer
Suture guide
Pinza porta-suturas
Pinze guide-fil
Pinze porta-filo

Mikro-Instrumente

Micro instruments
Micro-instrumentos
Micro instruments
Micro-strumenti



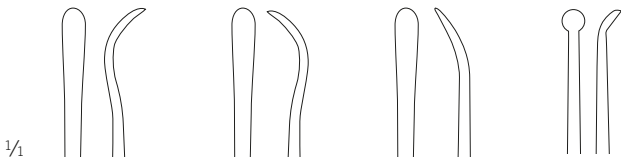
	Ø	1,4 mm	4,0 mm	3,0 mm	3,9 mm
18,5 cm / 7 2/8"	St	24-862-01-07	24-862-02-07	24-862-03-07	24-862-04-07



	Ø	2,5 mm	3,0 mm
23 cm / 9"	St	24-862-10-07	24-862-11-07

Yasargil
24-862-01-07 -
24-862-11-07

Mikro-Raspatorium, gerade
Micro raspatory, straight
Micro-raspador, recto
Micro-raspatoire, droit
Micro-raspatore, diritto



	Ø	3,0 mm	3,0 mm	3,0 mm	3,0 mm
18,5 cm / 7 2/8"	St	24-862-05-07	24-862-06-07	24-862-07-07	
23 cm / 9"	St				24-862-20-07

Yasargil
24-862-05-07 -
24-862-20-07

Mikro-Raspatorium, bajonett
Micro raspatory, bayonet
Micro-raspador, bayoneta
Micro-raspatoire, baïonnette
Micro-raspatore, baionetta

Mikro-Instrumente

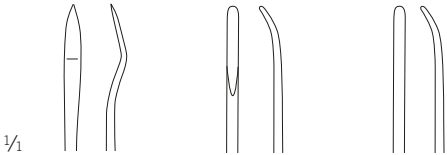
Micro instruments
Micro-instrumentos
Micro instruments
Micro-strumenti

Mikro-Instrumente

Micro instruments
Micro-instrumentos
Micro-instruments
Micro-strumenti



1/2



1/1

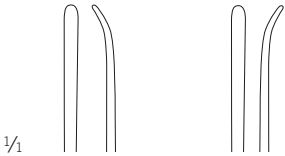
	Ø	2,6 mm	2,2 mm	2,2 mm
18,5 cm / 7 7/8"	St	24-863-01-07		
23 cm / 9"	St		24-863-10-07	24-863-12-07

Yasargil
24-863-01-07 -
24-863-12-07

Mikro-Dissektor, gerade
Micro dissector, straight
Micro-dissector, recto
Micro-dissecteur, droit
Micro-dissettore, diritto



1/2



1/1

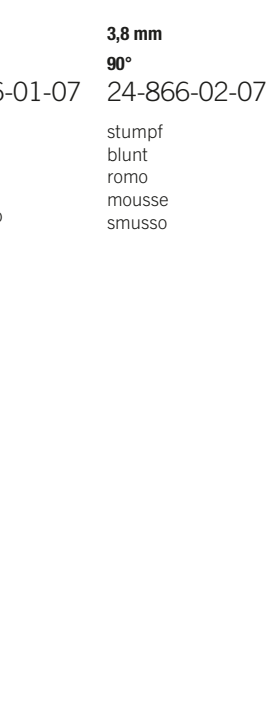
	Ø	2,2 mm	2,0 mm
23 cm / 9"	St	24-863-11-07	24-863-13-07

Yasargil
24-863-11-07 -
24-863-13-07

Mikro-Dissektor, bajonett
Micro dissector, bayonet
Micro-dissector, bayoneta
Micro-dissecteur, baïonnette
Micro-dissettore, baionetta

Mikro-Instrumente

Micro instruments
Micro-instrumentos
Micro instruments
Micro-strumenti

						
1/2 Jacobson 24-864-01-07 18,5 cm / 7 2/8" Knopfsonde Button probe Sonda abotonada Sonde bouton Sonda bottonuta	1/2 Jacobson 24-864-02-07 18,5 cm / 7 2/8" Doppelsonde Probe, double Sonda doble Sonde double Sonda doppia	1/2 Yasargil 24-865-01-07 18,5 cm / 7 2/8" Mikro-Löffel Micro curette Micro-cucharilla Micro-curette Micro-curetta	1/2 24-865-10-07 23 cm / 9" Mikro-Löffel Micro curette Micro-cucharilla Micro-curette Micro-curetta	1/2 24-865-11-07 23 cm / 9" Mikro-Löffel Micro curette Micro-cucharilla Micro-curette Micro-curetta	1/2 24-866-01-07 - 24-866-02-07 23 cm / 9" spitz sharp agudo pointu appuntato	stumpf blunt romo mousse smusso

Mikro-Instrumente

Micro instruments
Micro-instrumentos
Micro instruments
Micro-strumenti

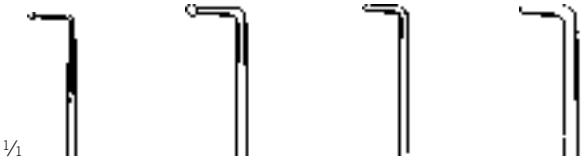
Mikro-Instrumente

Micro instruments
Micro-instrumentos
Micro instruments
Micro-strumenti



1/2

Krayenbühl
24-940-01-07 -
24-940-04-07
Mikro-Häkchen
Micro hooklet
Micro-gancho
Micro-crochet
Micro-uncino



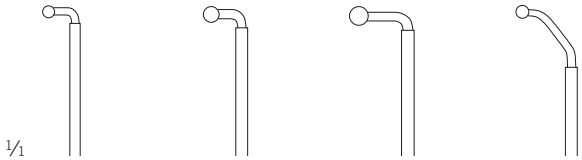
		Krayenbühl	Krayenbühl	Krayenbühl	Krayenbühl
	Ø	0,6 mm	1,1 mm	0,6 mm	0,8 mm
		90°	90°	90°	90°
		3,3 mm	4,5 mm	3,2 mm	3,2 mm
19 cm / 7 1/8"	St	24-940-01-07	24-940-02-07	24-940-03-07	24-940-04-07



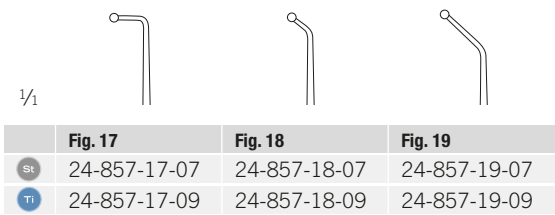
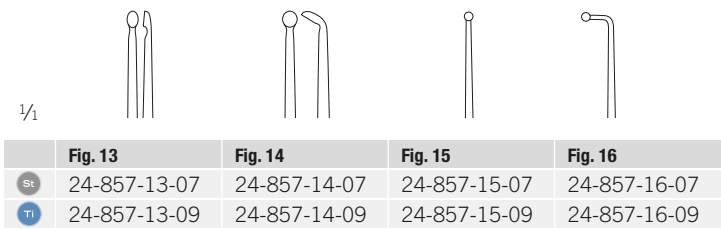
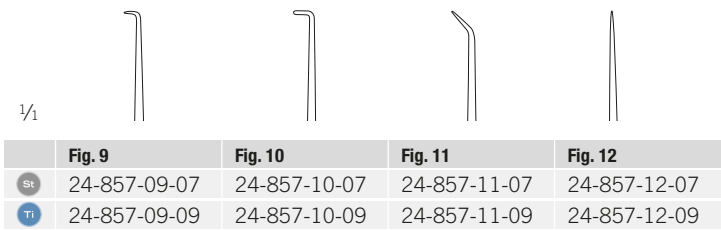
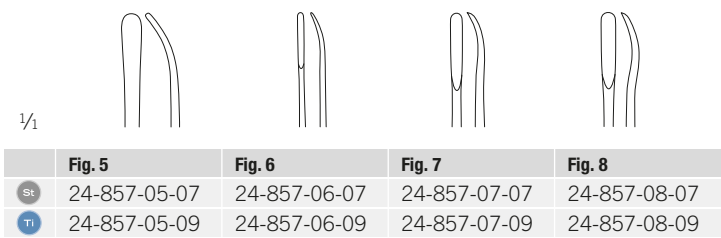
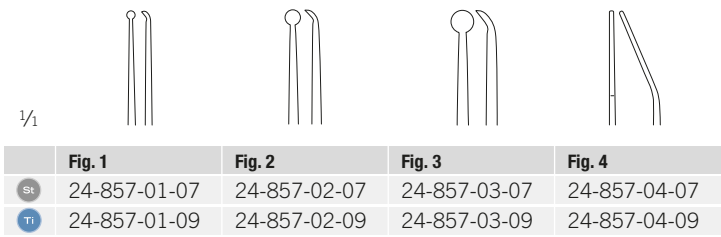
1/2

Caspar
24-942-05-07 -
24-942-11-07
Mikro-Häkchen
Micro hooklet
Micro-gancho
Micro-crochet
Micro-uncino

isoliert
insulated
aislado
isolée
isolato



		Caspar	Caspar	Caspar	Caspar
	Ø	1,8 mm	2,0 mm	2,5 mm	1,8 mm
		90°	90°	90°	45°
		5 mm	7 mm	9 mm	11 mm
24,5 cm / 9 3/8"	St	24-942-05-07	24-942-07-07	24-942-09-07	24-942-11-07



Rhoton
 24-857-01-07 -
 24-857-19-09
 19 cm / 7 4/8"

Rhoton-Set

Rhoton-Set
Juego Rhoton
Kit Rhoton
Set Rhoton

Mikro-Instrumente

Micro instruments
Micro-instrumentos
Micro-instruments
Micro-strumenti



Rhoton
24-857-00-07

Rhoton-Set, Instrumente aus Edelstahl, bestehend aus Fig. 1 - 19
Rhoton set, stainless steel instruments, consisting of fig. 1 - 19
Juego Rhoton, instrumentos acero inoxidable, formado por fig. 1 - 19
Kit Rhoton, instruments acier inoxydable, composé de fig. 1 - 19
Set Rhoton, strumenti acciaio inossidabile, consistente in fig. 1 - 19



Rhoton
24-857-00-09

Rhoton-Set, Instrumente aus Titan, bestehend aus Fig. 1 - 19
Rhoton set, titanium instruments, consisting of fig. 1 - 19
Juego Rhoton, instrumentos titanio, formado por fig. 1 - 19
Kit Rhoton, instruments titane, composé de fig. 1 - 19
Set Rhoton, strumenti titanio, consistente in fig. 1 - 19



55-803-50-04

Siebkorb für Rhoton-Set, mit Deckel und Fixierelementen (ohne Instrumente)
Mesh tray for Rhoton set with lid and fixing elements (no instruments)
Bandeja cribada para juego Rhoton, con tapa e elemento de fijación (sin instrumentos)
Panier à maille pour kit Rhoton, avec couvercle et éléments de fixation (sans instruments)
Vassoio per set Rhoton, con coperchio e elemento di fissaggio (senza strumenti)

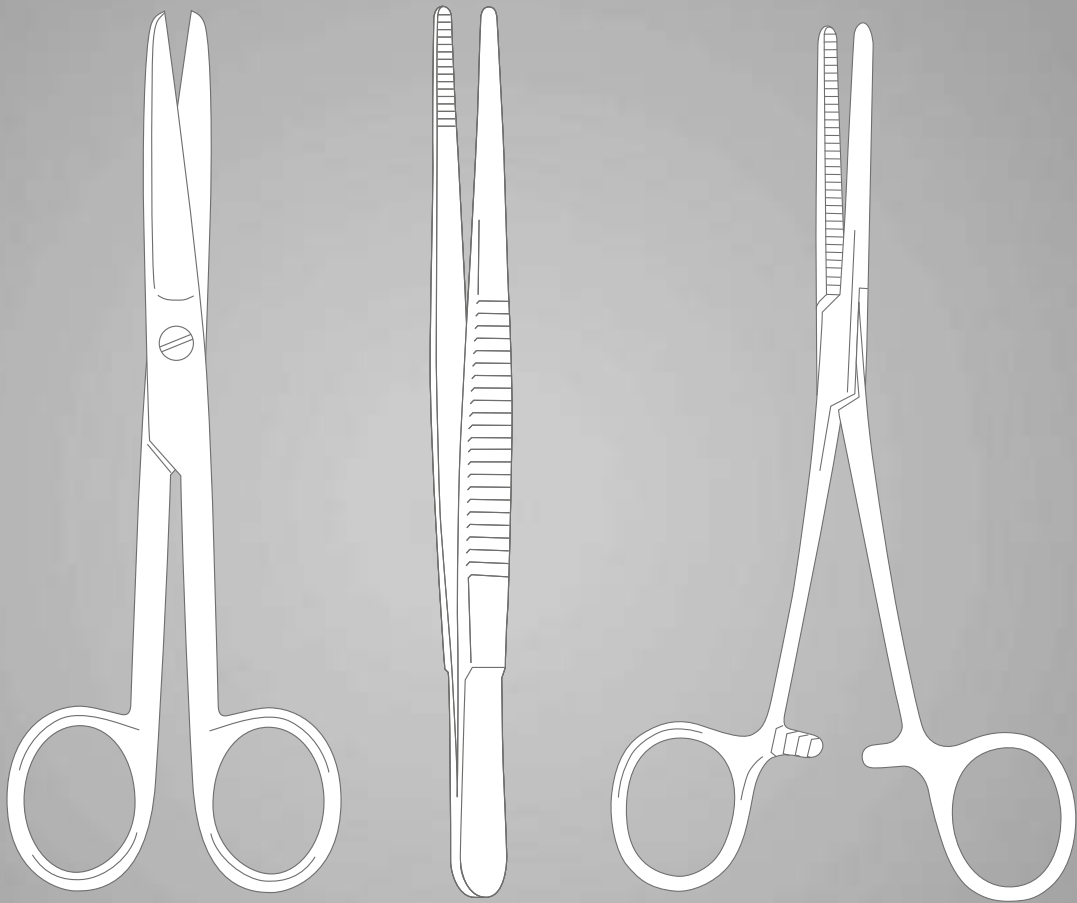
Allgemeines Instrumentarium

General instruments

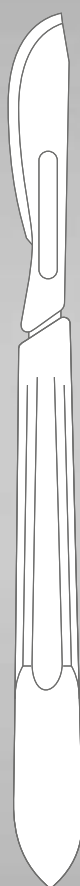
Instrumentos generales

Instrumentation générale

Strumentario generale



Skalpelle
Scalpels
Bisturíes
Bistouris
Bisturi



Skalpellgriffe

Scalpel Handles

Mangos de bisturí

Manches pour bistouris

Manici per bisturi



Fig. 18 - 36

1/2

Nr. 4

10-100-04-07

13,5 cm / 5 3/8"

massiv
solid
macizo
solide
pieno



Fig. 18 - 36

1/2

Nr. 4L

10-104-41-07

21 cm / 8 2/8"

massiv
solid
macizo
solide
pieno



Fig. 10 - 15

1/2

Nr. 3

10-130-03-07

12 cm / 4 5/8"

massiv
solid
macizo
solide
pieno



Fig. 10 - 15

1/2

Nr. 3L

10-133-31-07

21,5 cm / 8 4/8"

massiv, lang
solid, long
macizo, largo
solide, long
pieno, lungo

Skalpellgriffe

Scalpel Handles

Mangos de bisturí

Manches pour bistouris

Manici per bisturi

Skalpelle

Scalpels

Bisturíes

Bistouris

Bisturi



Fig. 10 - 17

$\frac{1}{2}$ Nr. 3XL

10-135-01-07

26 cm / 10 $\frac{2}{8}$ "

massiv, lang
solid, long
macizo, largo
solide, long
pieno, lungo



Fig. 10 - 17

$\frac{1}{2}$ Nr. 7

10-137-07-07

16 cm / 6 $\frac{2}{8}$ "

massiv
solid
macizo
solide
pieno



Fig. 66 - 69

$\frac{1}{2}$

10-160-01-07

13,5 cm / 5 $\frac{3}{8}$ "

für Mikro-Skalpellklingen
for micro scalpel blades
para micro-hojas de bisturí
pour micro-lames de bistouris
per micro-lame per bisturi

Skalpellklingen

Scalpel Blades
Hojas de bisturí
Lames de bistouris
Lame per bisturi

einzeln verpackt, VE = 100 Stück
single packed, SU = 100/pack
envase individual, UV = 100 piezas
enveloppe individuelle, UC = 100 untiés
bustina individuale, UV = 100 pezzi



10-199-00-01
Skalpellklingen-Entferner
Scalpel Blade Remover
Quita-hojas
Enlève-lame
Distributore lame



1/1

	Fig. 10	Fig. 11	Fig. 12	Fig. 12 D	Fig. 15	Fig. 15 C
STERILE R	10-155-10-04	10-155-11-04	10-155-12-04	10-156-12-04	10-155-15-04	10-156-15-04

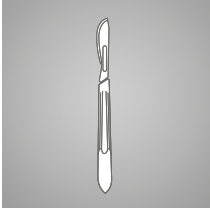


1/1

	Fig. 18	Fig. 20	Fig. 21	Fig. 22	Fig. 23	Fig. 24	Fig. 36
STERILE R	10-155-18-04	10-155-20-04	10-155-21-04	10-155-22-04	10-155-23-04	10-155-24-04	10-155-36-04

Einmalskalpelle
Disposable Scalpels
Bisturíes desechables
Bistouris à usage unique
Bisturi per uso unico

Skalpelle
Scalpels
Bisturíes
Bistouris
Bisturi



STERILE | R

steril
einzeln verpackt
Packung mit 10 Stück

sterile
single packed
package with 10 units

estéril
envase individual
paquete con 10 unidades

stérile
enveloppe individuelle
boîte de 10 bisturis

sterile
bustina individuale
scatola di 10 bisturi



1/1

	Fig. 20	Fig. 21	Fig. 22	Fig. 23	Fig. 24
STERILE R	10-285-20-04	10-285-21-04	10-285-22-04	10-285-23-04	10-285-24-04

Einmalskalpelle

Disposable Scalpels

Bisturíes desechables

Bistouris à usage unique

Bisturi per uso unico

STERILE | R

steril

einzeln verpackt

Packung mit 10 Stück

stérile

enveloppe individuelle

boîte de 10 bisturis

sterile

single packed

package with 10 units

sterile

bustina individuale

scatola di 10 bisturi

estéril

envase individual

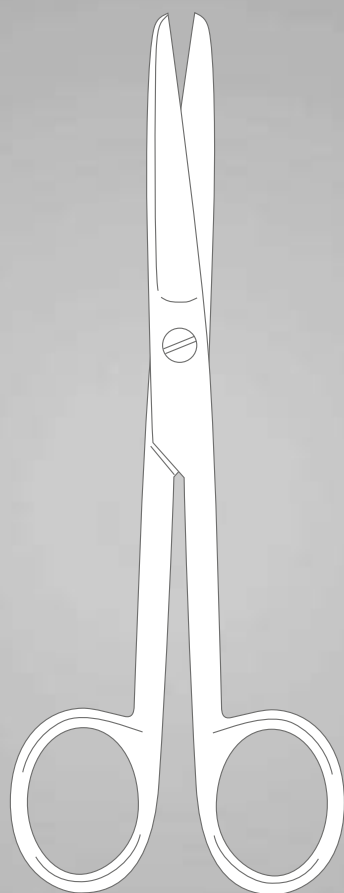
paquete con 10 unidades



1/1

	Fig. 10	Fig. 11	Fig. 12	Fig. 15	Fig. 12 D	Fig. 15 C
STERILE R	10-295-10-04	10-295-11-04	10-295-12-04	10-295-15-04	10-296-12-04	10-296-15-04

Scheren
Scissors
Tijeras
Ciseaux
Forbici

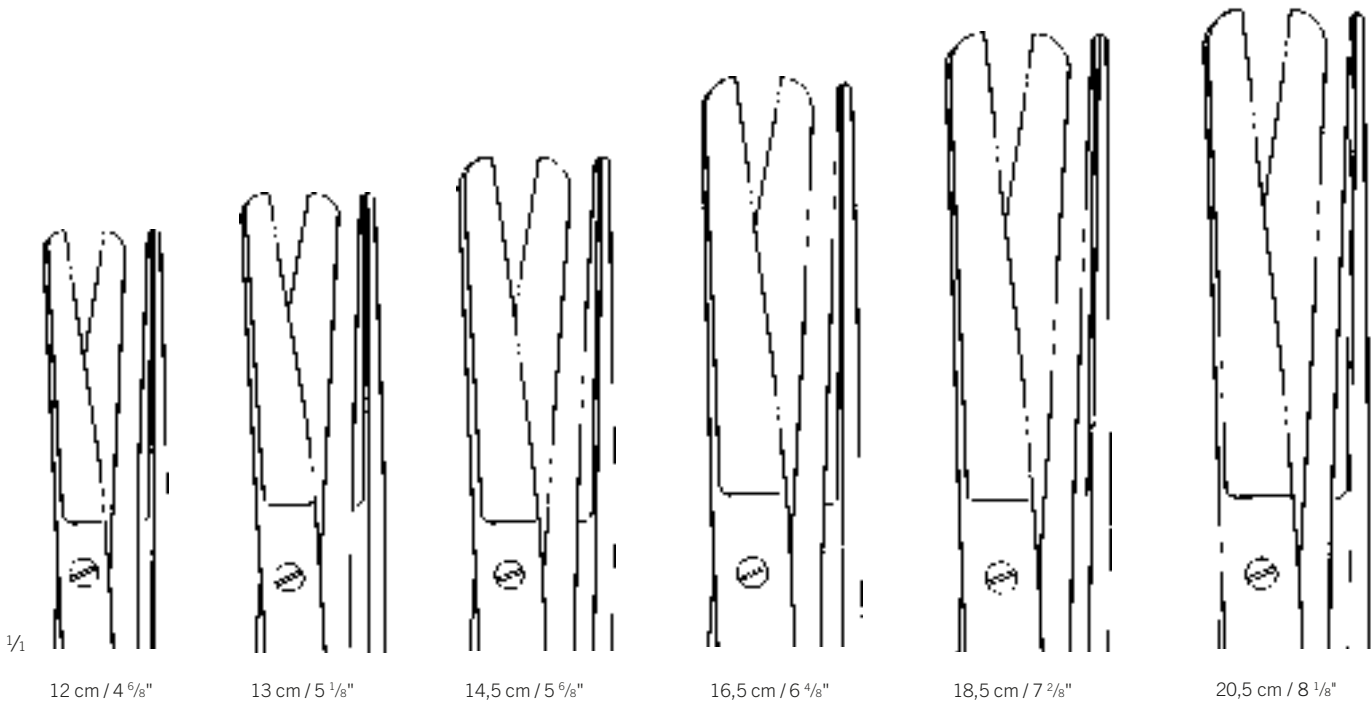


Chirurgische Scheren

Operating Scissors
Tijeras quirúrgicas
Ciseaux chirurgicaux
Forbici per chirurgia



	Standard	TCGOLD
12 cm / 4 6/8"	11-100-11-07	
13 cm / 5 1/8"	11-100-13-07	
14,5 cm / 5 6/8"	11-100-14-07	11-902-14-07
16,5 cm / 6 4/8"	11-100-16-07	
18,5 cm / 7 2/8"	11-100-18-07	
20,5 cm / 8 1/8"	11-100-20-07	



Chirurgische Scheren

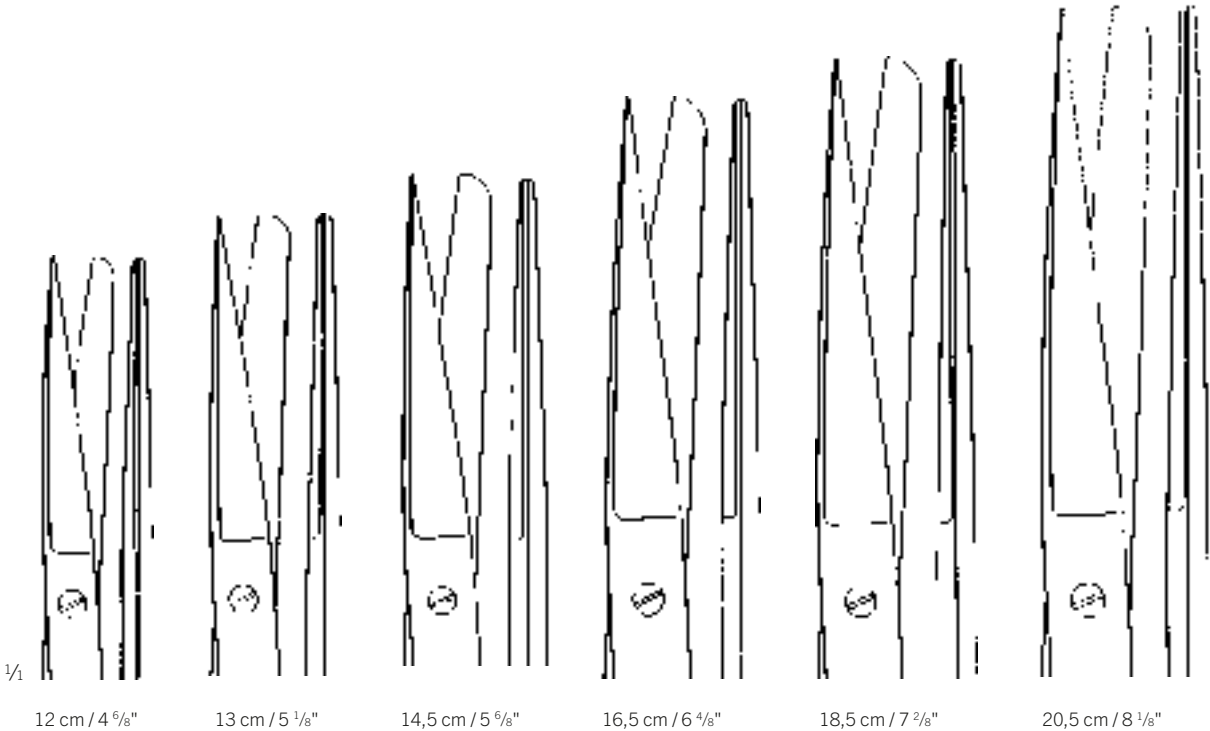
Operating Scissors
Tijeras quirúrgicas
Ciseaux chirurgicaux
Forbici per chirurgia

Scheren

Scissors
Tijeras
Ciseaux
Forbici



	Standard	TCGOLD	SuperCut
12 cm / 4 6/8"	11-102-11-07		
13 cm / 5 1/8"	11-102-13-07		
14,5 cm / 5 6/8"	11-102-14-07	11-904-14-07	11-650-14-07
16,5 cm / 6 4/8"	11-102-16-07		
18,5 cm / 7 2/8"	11-102-18-07		
20,5 cm / 8 1/8"	11-102-20-07		

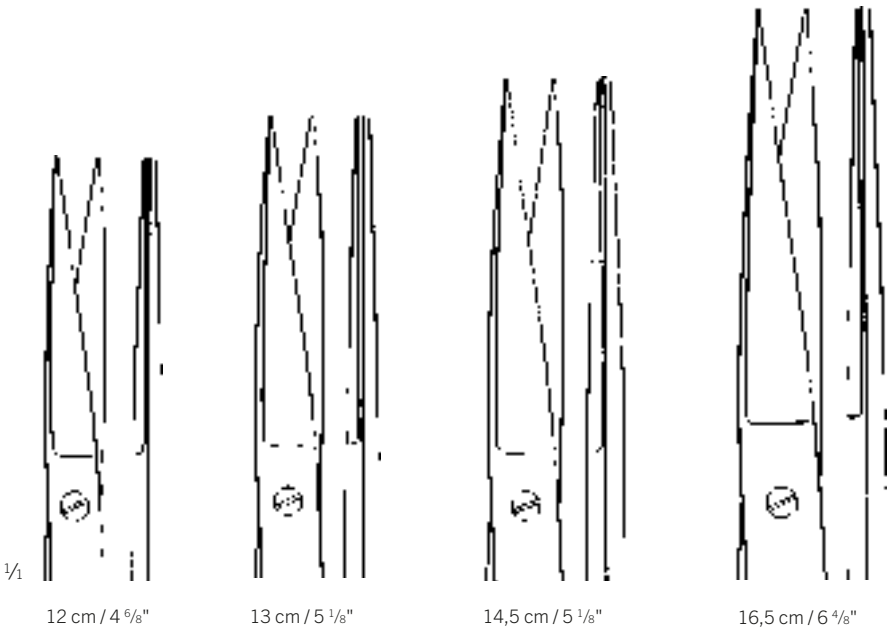


Chirurgische Scheren

Operating Scissors
Tijeras quirúrgicas
Ciseaux chirurgicaux
Forbici per chirurgia



	Standard	TCGOLD
12 cm / 4 6/8"	11-104-11-07	
13 cm / 5 1/8"	11-104-13-07	
14,5 cm / 5 6/8"	11-104-14-07	11-906-14-07
16,5 cm / 6 4/8"	11-104-16-07	



Chirurgische Scheren

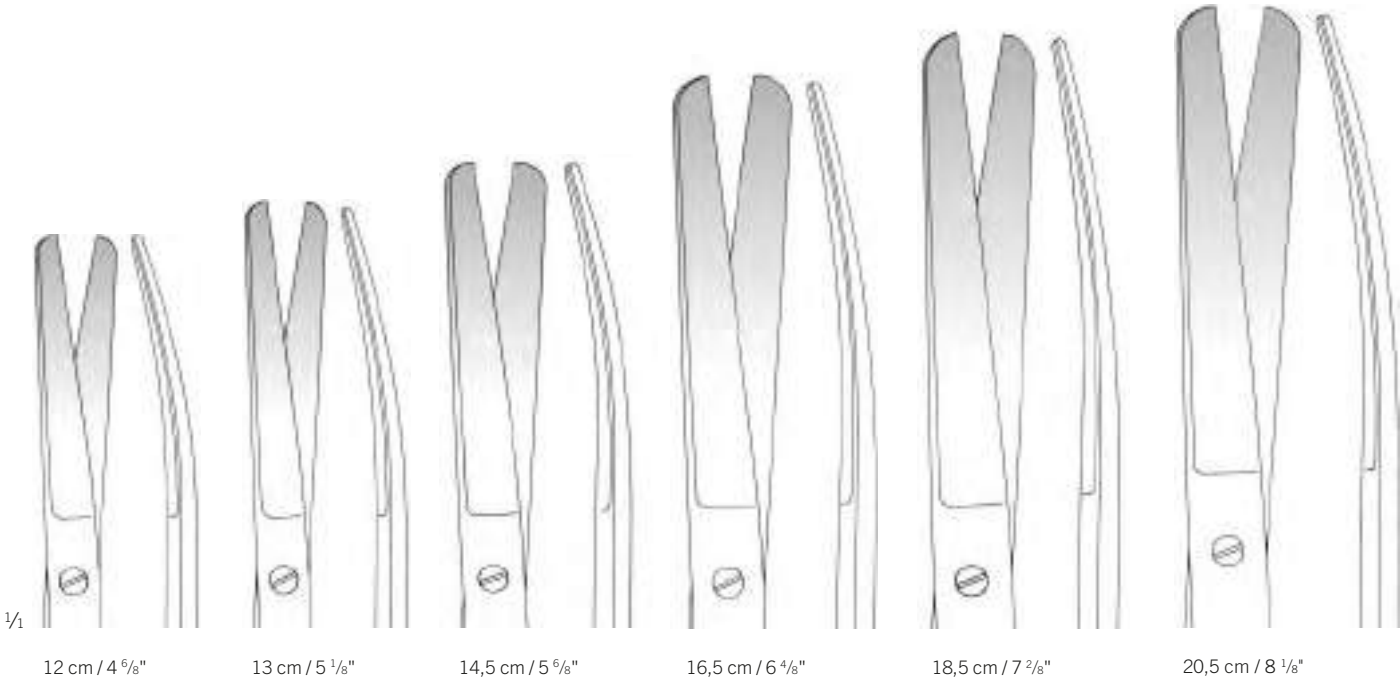
Operating Scissors
Tijeras quirúrgicas
Ciseaux chirurgicaux
Forbici per chirurgia

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Scissors
Tijeras
Ciseaux
Forbici

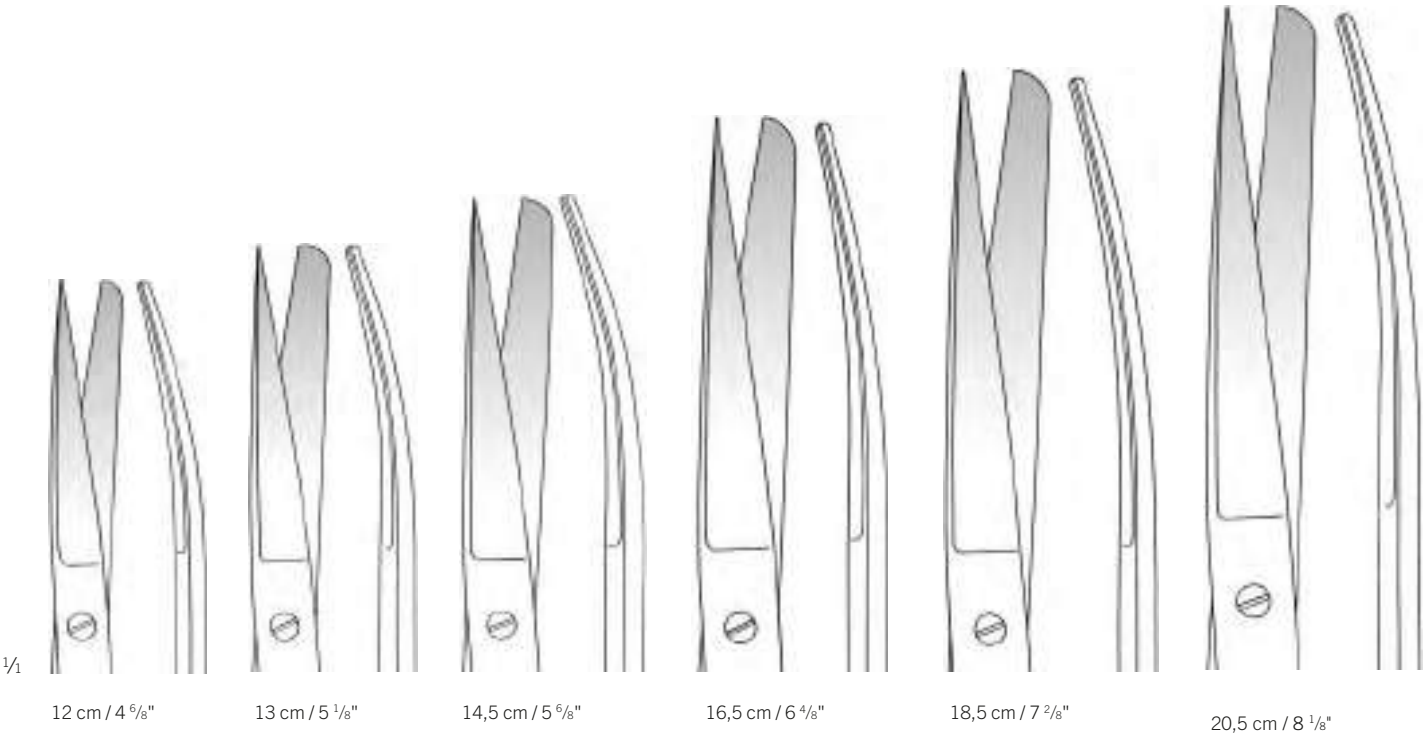


	Standard	TCGOLD
12 cm / 4 6/8"	11-105-11-07	
13 cm / 5 1/8"	11-105-13-07	
14,5 cm / 5 6/8"	11-105-14-07	11-903-14-07
16,5 cm / 6 4/8"	11-105-16-07	
18,5 cm / 7 2/8"	11-105-18-07	
20,5 cm / 8 1/8"	11-105-20-07	





	Standard	TCGOLD	SuperCut
12 cm / 4 6/8"	11-107-11-07		
13 cm / 5 1/8"	11-107-13-07		
14,5 cm / 5 6/8"	11-107-14-07	11-905-14-07	11-651-14-07
16,5 cm / 6 4/8"	11-107-16-07		
18,5 cm / 7 2/8"	11-107-18-07		
20,5 cm / 8 1/8"	11-107-20-07		



Chirurgische Scheren

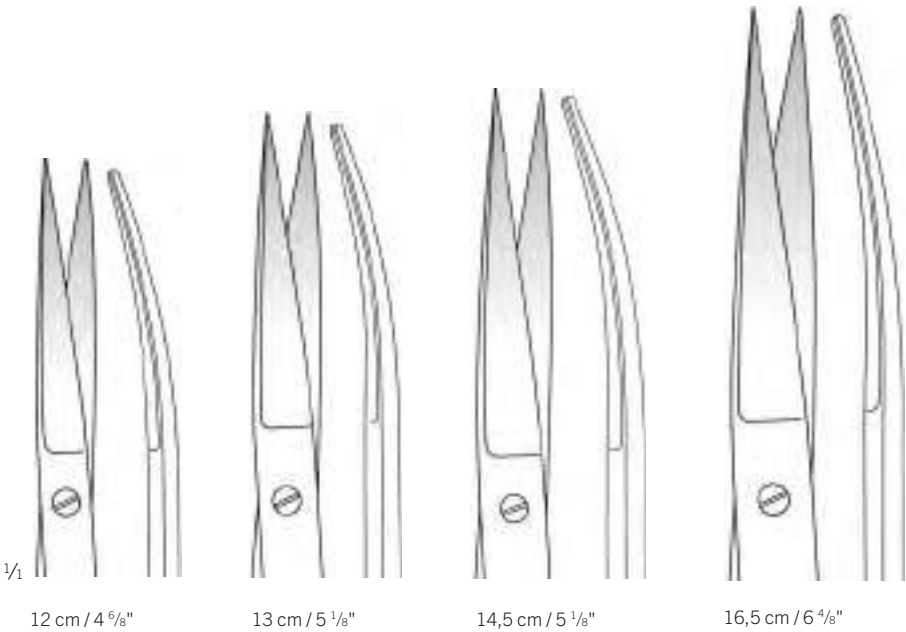
Operating Scissors
Tijeras quirúrgicas
Ciseaux chirurgicaux
Forbici per chirurgia

Scheren

Scissors
Tijeras
Ciseaux
Forbici



	Standard	TCGOLD
12 cm / 4 6/8"	11-109-11-07	
13 cm / 5 1/8"	11-109-13-07	
14,5 cm / 5 6/8"	11-109-14-07	11-907-14-07
16,5 cm / 6 4/8"	11-109-16-07	



12 cm / 4 6/8"

13 cm / 5 1/8"

14,5 cm / 5 1/8"

16,5 cm / 6 4/8"

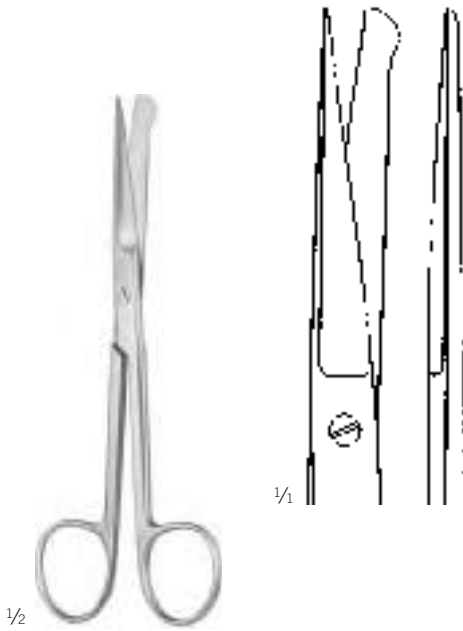
Chirurgische Scheren

Operating Scissors

Tijeras quirúrgicas

Ciseaux chirurgicaux

Forbici per chirurgia



11-136-14-07

14,5 cm / 5 7/8"

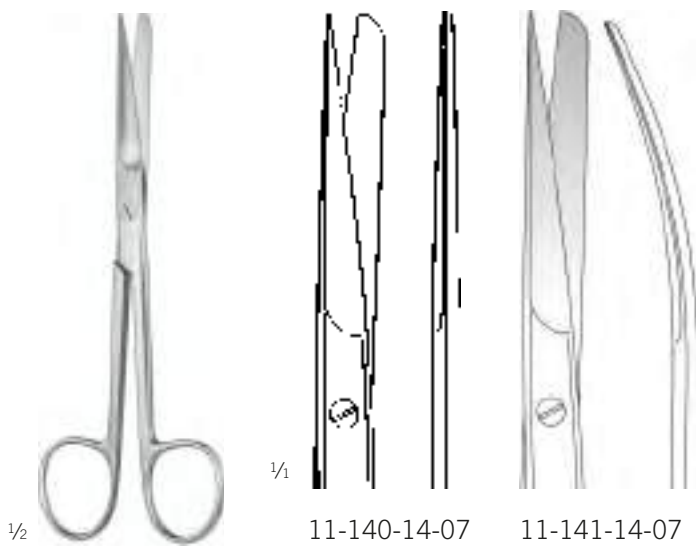
Inzisionsschere

Incision Scissors

Tijera para incisiones

Ciseaux à incision

Forbici per incisione



Deaver

11-140-14-07 -

11-141-14-07

14,5 cm / 5 7/8"

Präparierscheren

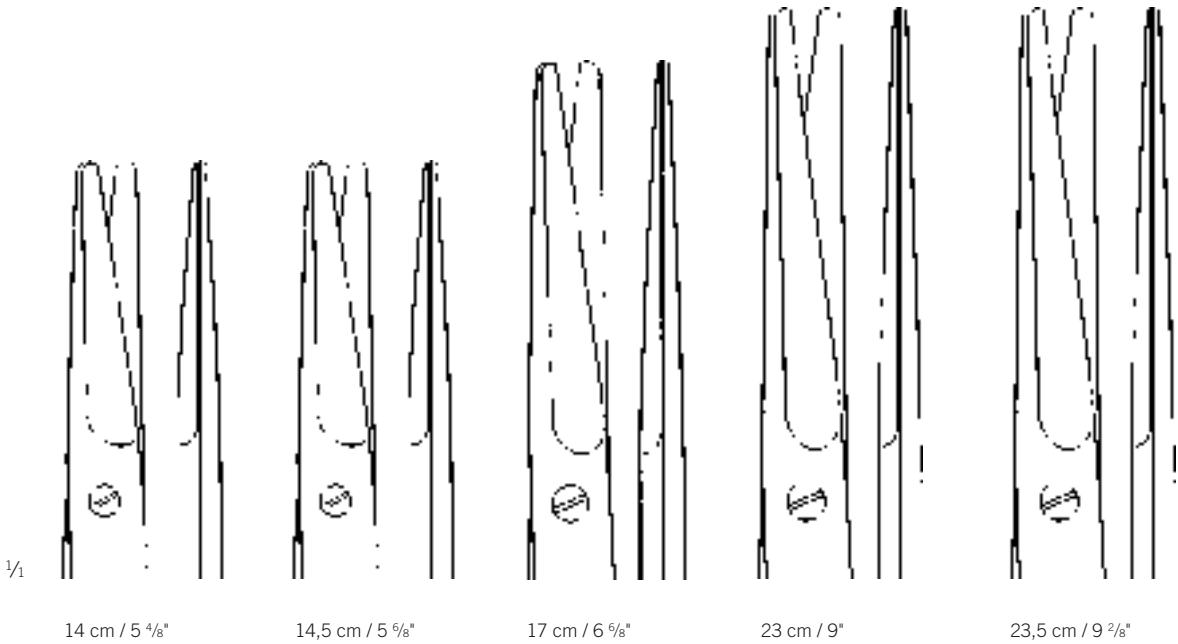
Dissecting Scissors
 Tijeras de disección
 Ciseaux à dissection
 Forbici per dissezione

Scheren

Scissors
 Tijeras
 Ciseaux
 Forbici

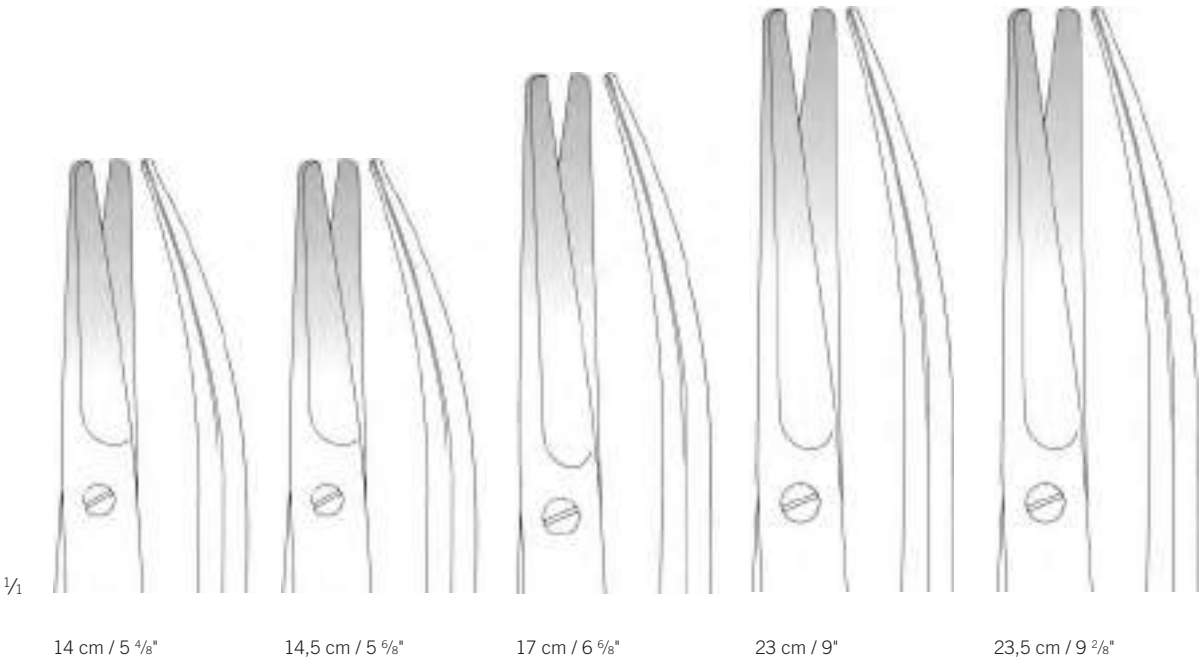


Mayo	Standard	TC GOLD	SuperCut	 AQUILA
14 cm / 5 4/8"				28-466-14-07
14,5 cm / 5 6/8"	11-170-14-07	11-910-14-07	11-652-14-07	
17 cm / 6 6/8"	11-170-17-07	11-910-17-07	11-652-17-07	28-466-17-07
23 cm / 9"		11-910-23-07		
23,5 cm / 9 2/8"	11-170-23-07		11-652-23-07	





Mayo	Standard	TCGOLD	SuperCut	AQUILA
14 cm / 5 4/8"				28-467-14-07
14,5 cm / 5 6/8"	11-171-14-07	11-911-14-07	11-653-14-07	
17 cm / 6 6/8"	11-171-17-07	11-911-17-07	11-653-17-07	28-467-17-07
23 cm / 9"		11-911-23-07		
23,5 cm / 9 2/8"	11-171-23-07		11-653-23-07	



Präparierscheren

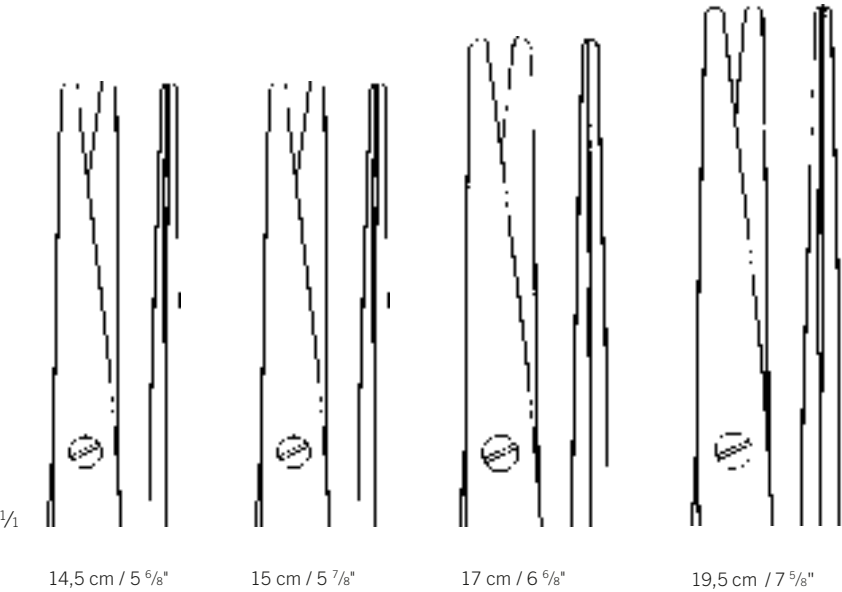
Dissecting Scissors
 Tijeras de disección
 Ciseaux à dissection
 Forbici per dissezione

Scheren

Scissors
 Tijeras
 Ciseaux
 Forbici

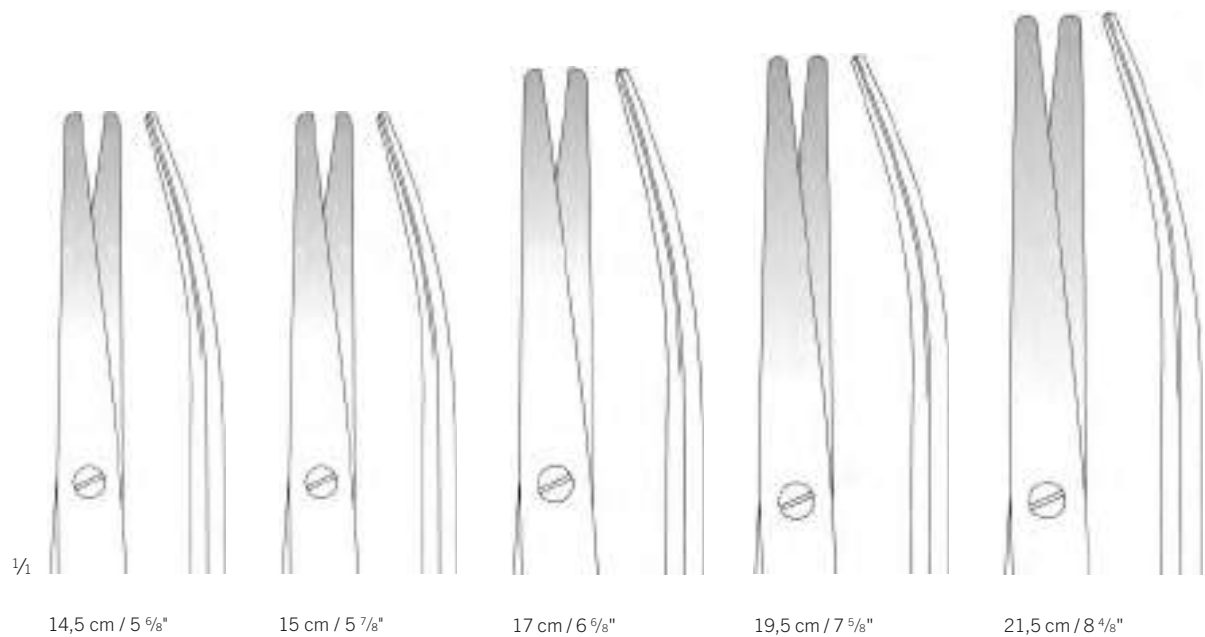


Mayo-Style	Standard	TC GOLD	SuperCut
14,5 cm / 5 ⁶ / ₈ "		11-930-15-07	
15 cm / 5 ⁷ / ₈ "	11-180-15-07		11-654-15-07
17 cm / 6 ⁶ / ₈ "	11-180-17-07	11-930-17-07	11-654-17-07
19,5 cm / 7 ⁵ / ₈ "	11-184-19-07		





Mayo-Style	Standard	TCGOLD	SuperCut	 AQUILA
14,5 cm / 5 7/8"		11-931-15-07		
15 cm / 5 7/8"	11-181-15-07		11-655-15-07	28-471-15-07
17 cm / 6 5/8"	11-181-17-07	11-931-17-07	11-655-17-07	28-471-17-07
19,5 cm / 7 5/8"	11-185-19-07			
21,5 cm / 8 4/8"	11-185-21-07			



Präparierscheren

Dissecting Scissors
Tijeras de disección
Ciseaux à dissection
Forbici per dissezione

Scheren

Scissors
Tijeras
Ciseaux
Forbici

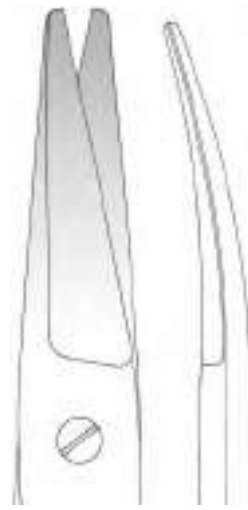


1/2



1/1

11-190-17-07

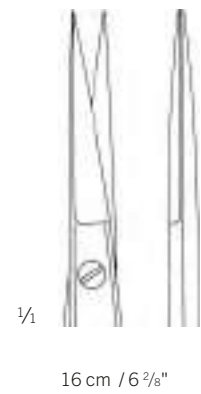


11-191-17-07

Mayo-Noble
11-190-17-07 -
11-191-17-07
16,5 cm / 6 4/8"



Kelly	Standard	TCGOLD	SuperCut	AQUILA
16 cm / 6 2/8"	11-226-16-07	11-992-16-07	11-656-16-07	28-474-16-07



Chirurgische Scheren

Operating Scissors
Tijeras quirúrgicas
Ciseaux chirurgicaux
Forbici per chirurgia

Scheren

Scissors
Tijeras
Ciseaux
Forbici



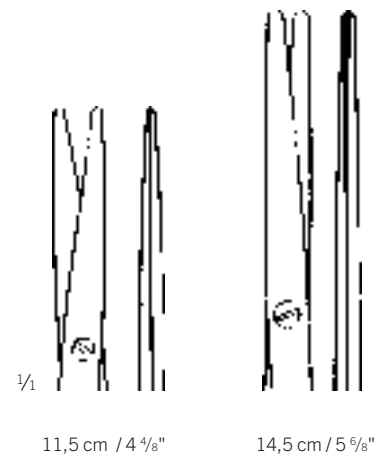
Kelly	Standard	TCGOLD	SuperCut	AQUILA
16 cm / 6 2/8"	11-227-16-07	11-993-16-07	11-657-16-07	28-475-16-07



16 cm / 6 2/8"



Metzenbaum	Standard	TCGOLD	SuperCut
11,5 cm / 4 4⁄8"	11-248-11-07	11-936-11-07	11-658-11-07
14,5 cm / 5 6⁄8"	11-250-14-07	11-938-14-07	11-658-14-07

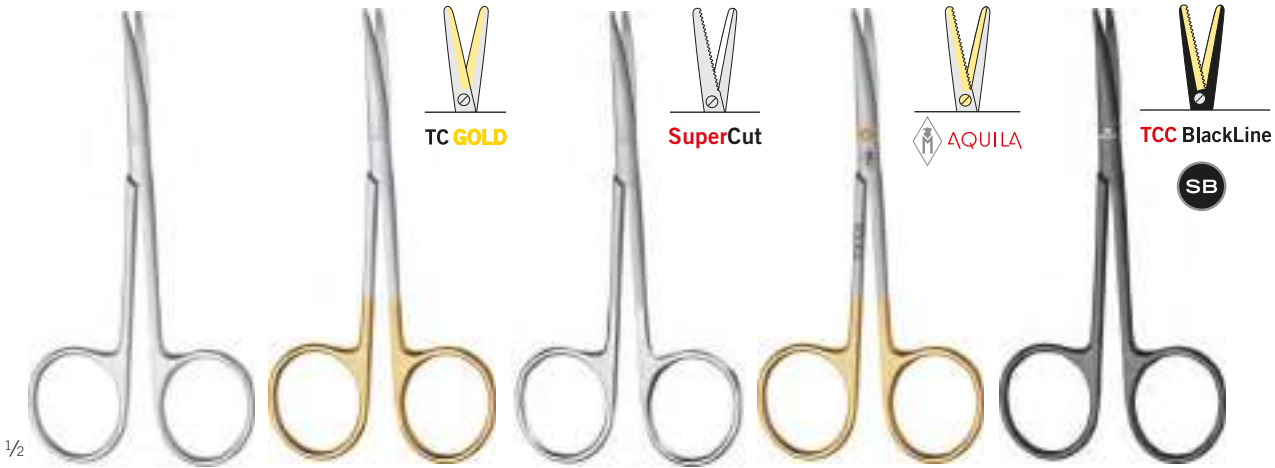


Präparierscheren

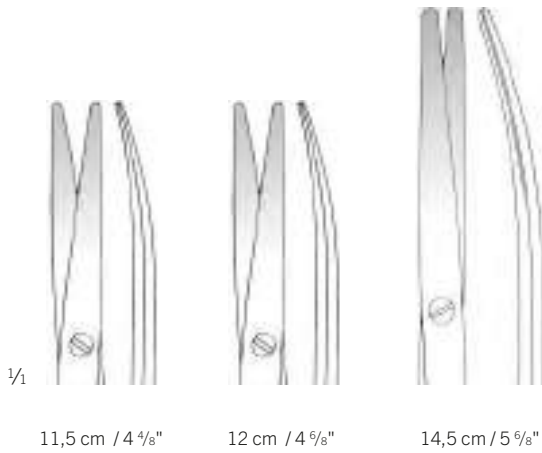
Dissecting Scissors
 Tijeras de disección
 Ciseaux à dissection
 Forbici per dissezione

Scheren

Scissors
 Tijeras
 Ciseaux
 Forbici



Metzenbaum	Standard	TCGOLD	SuperCut	AQUILA	TCCBlackLine
11,5 cm / 4 4/8"	11-249-11-07	11-937-11-07	11-659-11-07		
12 cm / 4 6/8"				11-887-11-07	11-917-11-07
14,5 cm / 5 6/8"	11-255-14-07	11-939-14-07	11-659-14-07		



11,5 cm / 4 4/8"

12 cm / 4 6/8"

14,5 cm / 5 6/8"

Präparierscheren

Dissecting Scissors

Tijeras de disección

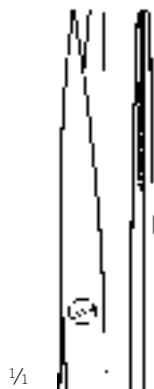
Ciseaux à dissection

Forbici per dissezione



$\frac{1}{2}$

Metzenbaum
11-252-14-07 -
11-259-14-07
14,5 cm / 5 $\frac{4}{8}$ "



$\frac{1}{4}$

11-252-14-07



11-254-14-07



11-257-14-07



11-259-14-07

Präparierscheren

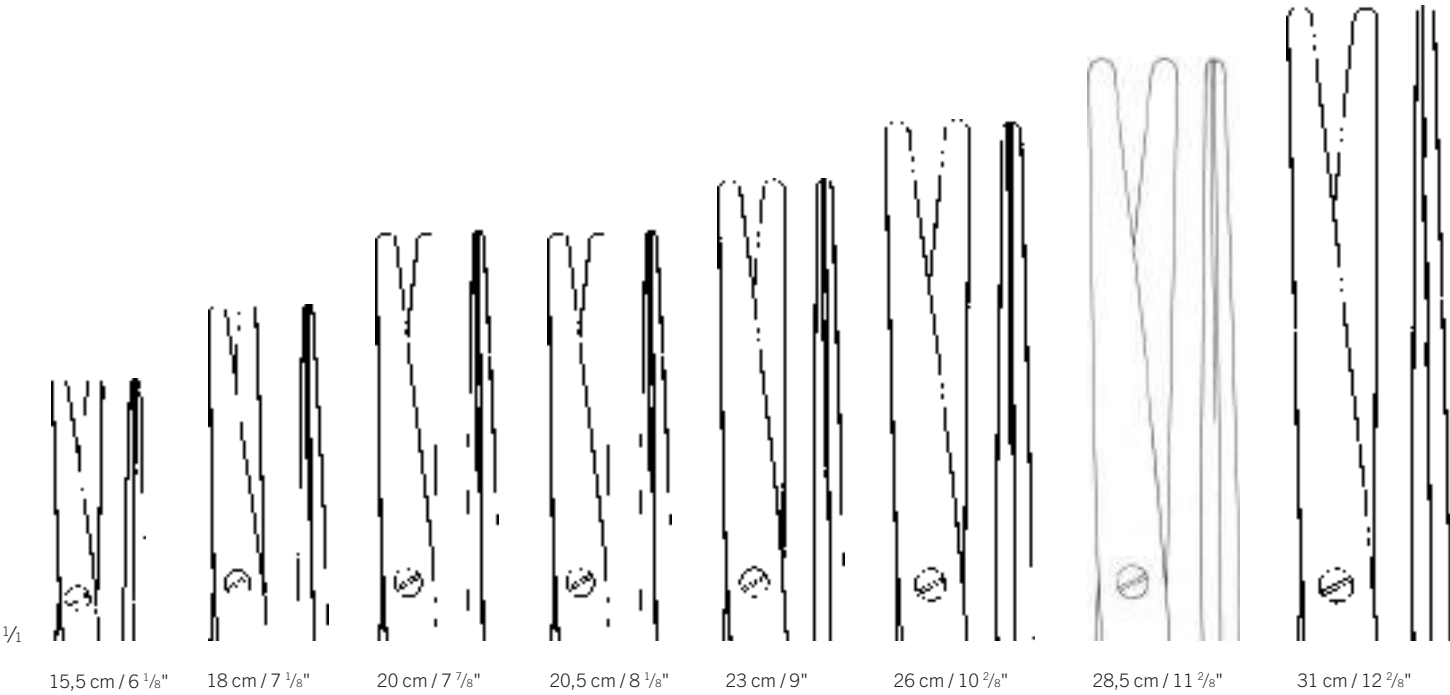
Dissecting Scissors
Tijeras de disección
Ciseaux à dissection
Forbici per dissezione

Scheren

Scissors
Tijeras
Ciseaux
Forbici

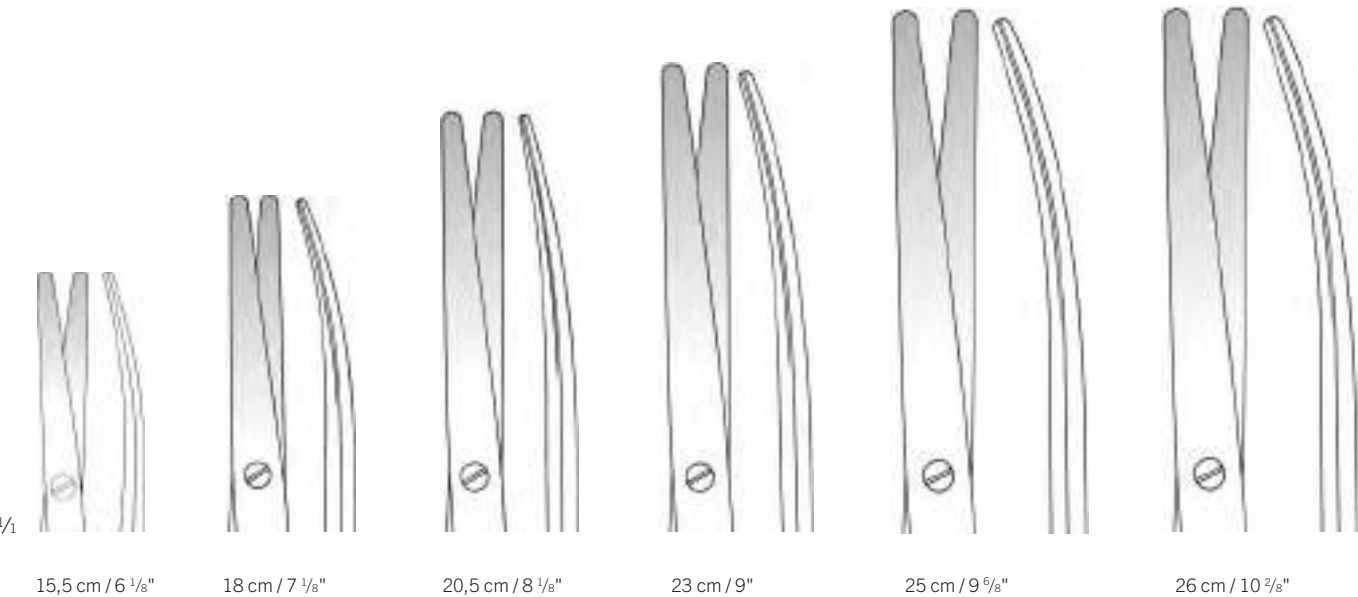


Metzenbaum	Standard	TCGOLD	SuperCut	AQUILA
15,5 cm / 6 1/8"	11-264-15-07			
18 cm / 7 1/8"	11-280-18-07	11-942-18-07	11-660-18-07	
20 cm / 7 7/8"				28-472-20-07
20,5 cm / 8 1/8"	11-280-20-07	11-942-20-07	11-660-20-07	
23 cm / 9"	11-280-23-07	11-942-23-07	11-660-23-07	28-472-23-07
26 cm / 10 2/8"	11-280-25-07	11-942-25-07	11-660-26-07	
28,5 cm / 11 2/8"	11-280-28-07	11-942-28-07	11-660-28-07	
31 cm / 12 2/8"	11-280-30-07	11-942-30-07	11-660-31-07	





Metzenbaum	Standard	TCGOLD	SuperCut
15,5 cm / 6 1/8"	11-265-15-07		
18 cm / 7 1/8"	11-285-18-07	11-943-18-07	11-661-18-07
20,5 cm / 8 1/8"	11-285-20-07	11-943-20-07	11-661-20-07
23 cm / 9"	11-285-23-07	11-943-23-07	11-661-23-07
25 cm / 9 6/8"			
26 cm / 10 2/8"	11-285-25-07	11-943-25-07	11-661-26-07
28,5 cm / 11 2/8"	11-285-28-07	11-943-28-07	11-661-28-07
30 cm / 11 6/8"		11-943-30-07	
31 cm / 12 2/8"	11-285-30-07		11-661-31-07



Präparierscheren

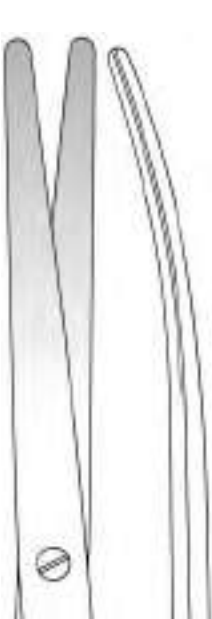
Dissecting Scissors
 Tijeras de disección
 Ciseaux à dissection
 Forbici per dissezione

Scheren

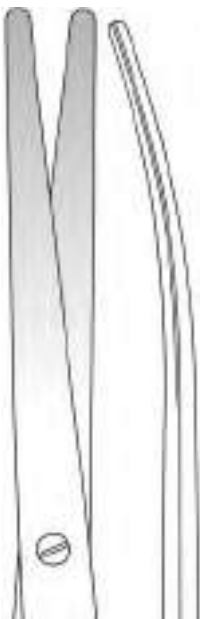
Scissors
 Tijeras
 Ciseaux
 Forbici



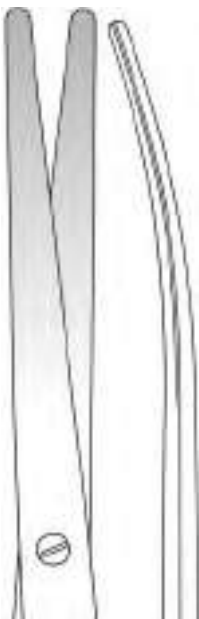
Metzenbaum	 AQUILA	TCCBlackLine
15,5 cm / 6 1/8"		
18 cm / 7 1/8"	11-887-18-07	11-917-18-07
20,5 cm / 8 1/8"	11-887-20-07	11-917-20-07
23 cm / 9"	11-887-23-07	11-917-23-07
25 cm / 9 5/8"	11-887-25-07	11-917-25-07
26 cm / 10 2/8"		
28,5 cm / 11 2/8"		
30 cm / 11 5/8"	11-887-30-07	11-917-30-07
31 cm / 12 2/8"		



28,5 cm / 11 2/8"



30 cm / 11 5/8"



31 cm / 12 1/8"

Präparierscheren

Dissecting Scissors

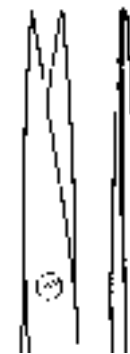
Tijeras de disección

Ciseaux à dissection

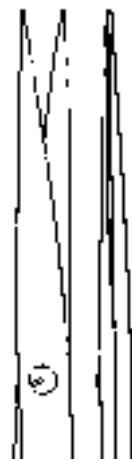
Forbici per dissezione



1/1



11-284-18-07
18 cm / 7 1/8"



11-284-20-07
20,5 cm / 8 1/8"

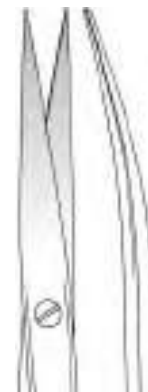
1/2



1/1



11-298-14-07



11-299-14-07

Metzenbaum-Nelson
11-284-18-07 -
11-284-20-07

Metzenbaum
11-298-14-07-
11-299-14-07

14,5 cm / 5 7/8"

eine Schneide gezahnt
one toothed cutting edge
una hoja dentada
une lame dentelée
una lama dentata

1/2



1/1



11-300-15-07



11-301-15-07

1/2



1/1



Kübler
11-302-15-07
15 cm / 5 7/8"

11-300-15-07 -
11-301-15-07
15,5 cm / 6 1/8"

Präparierscheren

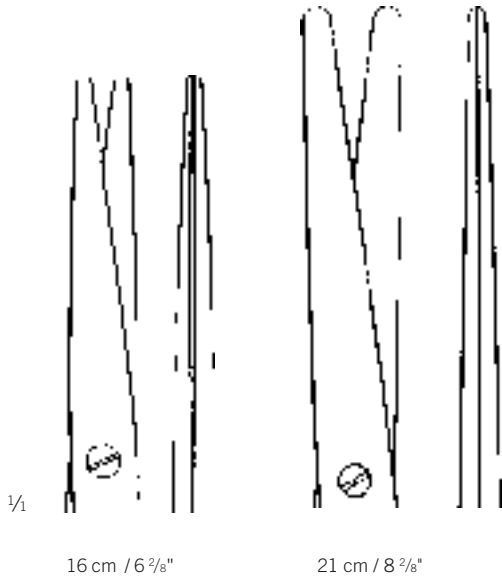
Dissecting Scissors
 Tijeras de disección
 Ciseaux à dissection
 Forbici per dissezione

Scheren

Scissors
 Tijeras
 Ciseaux
 Forbici



Lexer	Standard	TC GOLD	SuperCut	 AQUILA
16 cm / 6 2/8"	11-310-16-07	11-950-16-07	11-662-16-07	28-468-16-07
21 cm / 6 2/8"		11-950-21-07		



Dissecting Scissors
Tijeras de disección
Ciseaux à dissection
Forbici per dissezione

Forbici per dissezione



21 cm / 6 ²/₈"



21 cm / 8 2/8"

Präparierscheren

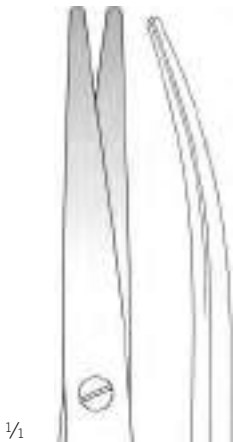
Dissecting Scissors
 Tijeras de disección
 Ciseaux à dissection
 Forbici per dissezione

Scheren

Scissors
 Tijeras
 Ciseaux
 Forbici



Mayo-Lexer	 AQUILA	TCCBlackLine
16 cm / 6 2/8"	11-895-16-07	11-923-16-07

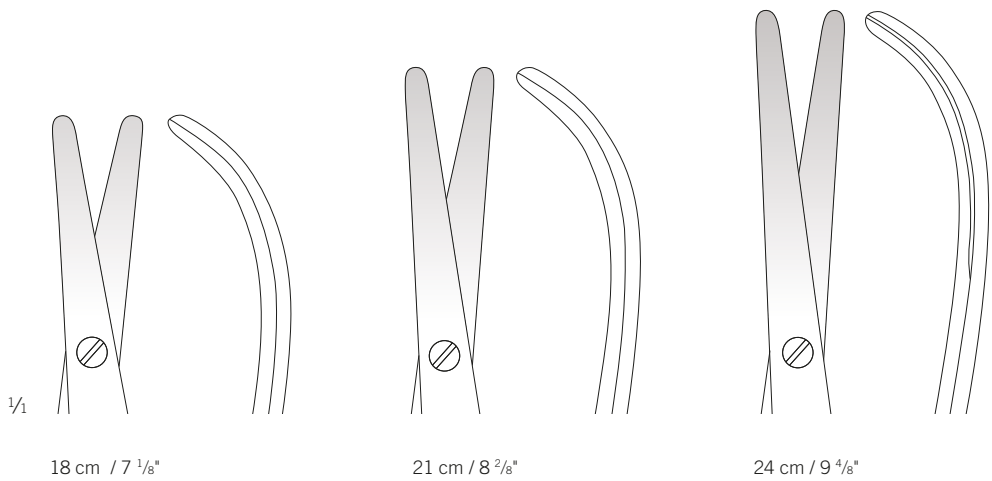


16 cm / 6 2/8"

Präparierscheren
 Dissecting Scissors
 Tijeras de disección
 Ciseaux à dissection
 Forbici per dissezione



Hohenfellner	TCGOLD
18 cm / 7 1/8"	11-314-18-07
21 cm / 8 2/8"	11-314-21-07
24 cm / 9 4/8"	11-314-24-07

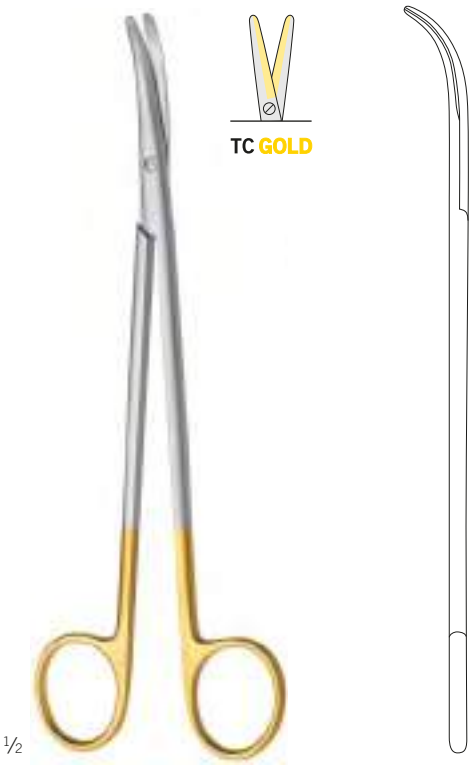


Präparierscheren

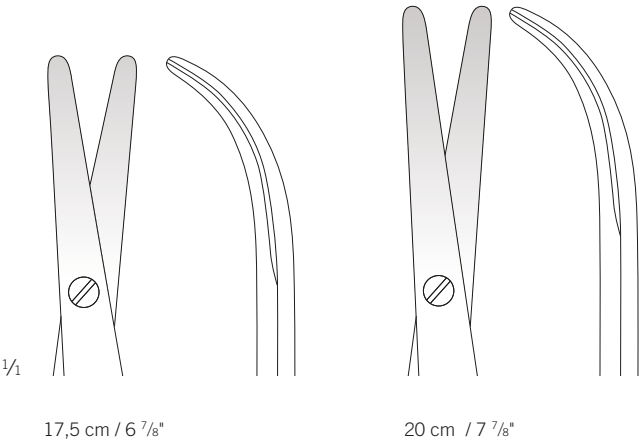
Dissecting Scissors
 Tijeras de disección
 Ciseaux à dissection
 Forbici per dissezione

Scheren

Scissors
 Tijeras
 Ciseaux
 Forbici



DeBakey	TCGOLD
17,5 cm / 6 7/8"	11-316-17-07
20 cm / 7 7/8"	11-316-20-07



17,5 cm / 6 7/8"

20 cm / 7 7/8"

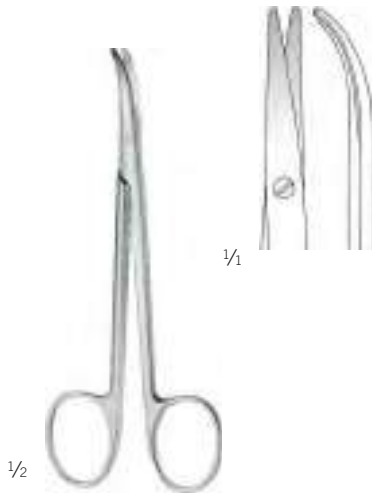
Präparierscheren

Dissecting Scissors

Tijeras de disección

Ciseaux à dissection

Forbici per dissezione



Cinelli
11-317-11-07

11,5 cm / 4 ⁴/₈"



Fomon
11-317-14-07

14 cm / 5 ⁴/₈"

Präparierscheren

Dissecting Scissors
Tijeras de disección
Ciseaux à dissection
Forbici per dissezione

Scheren

Scissors
Tijeras
Ciseaux
Forbici



Lexer-Baby	Standard	SuperCut
10 cm / 3 7/8"	11-320-10-07	11-662-10-07





Lexer-Baby	Standard	SuperCut
10 cm / 3 7/8"	11-321-10-07	11-663-10-07



Präparierscheren

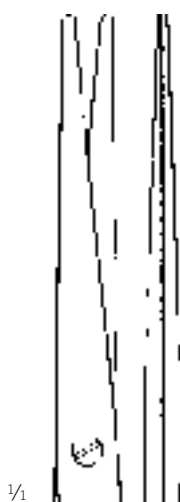
Dissecting Scissors
Tijeras de disección
Ciseaux à dissection
Forbici per dissezione

Scheren

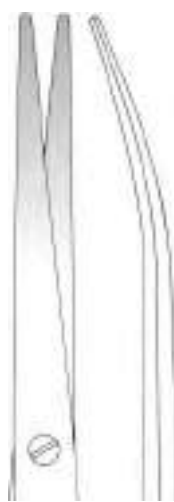
Scissors
Tijeras
Ciseaux
Forbici



finoLine



11-324-16-07



11-325-16-07

Lexer-Fino
11-324-16-07 -
11-325-16-07

16,5 cm / 6 4/8"

schlankes Modell
slender pattern
modelo delgado
modèle gracile
modello delicato

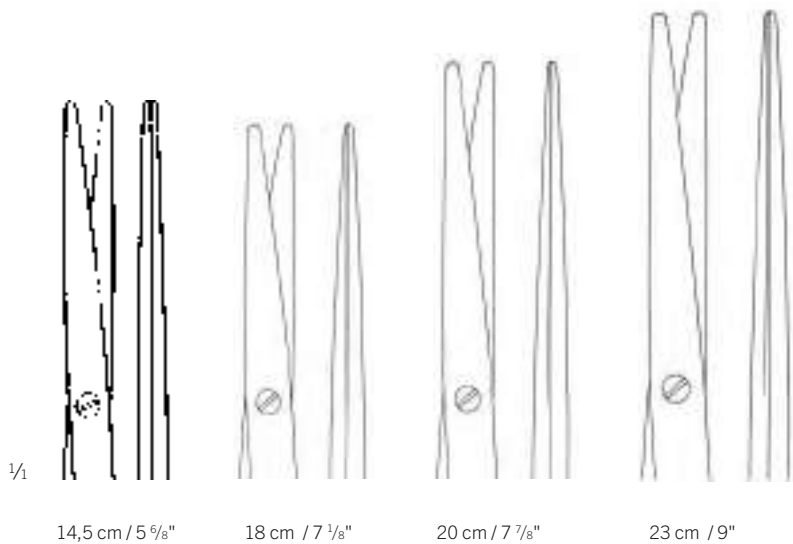
Feine Präparierscheren

Delicate Dissecting Scissors
Tijeras finas de disección
Ciseaux fins à dissection
Forbici fini per dissezione

finoLine



Metzenbaum-Fino	Standard	TCGOLD
14,5 cm / 5 6/8"	11-326-14-07	11-954-14-07
18 cm / 7 1/8"	11-330-18-07	11-960-18-07
20 cm / 7 7/8"	11-330-20-07	
23 cm / 9"	11-330-23-07	



Feine Präparierscheren

Delicate Dissecting Scissors
Tijeras finas de disección
Ciseaux fins à dissection
Forbici fini per dissezione

Scheren

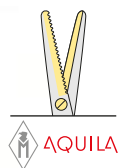
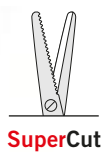
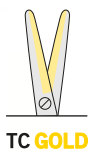
Scissors
Tijeras
Ciseaux
Forbici



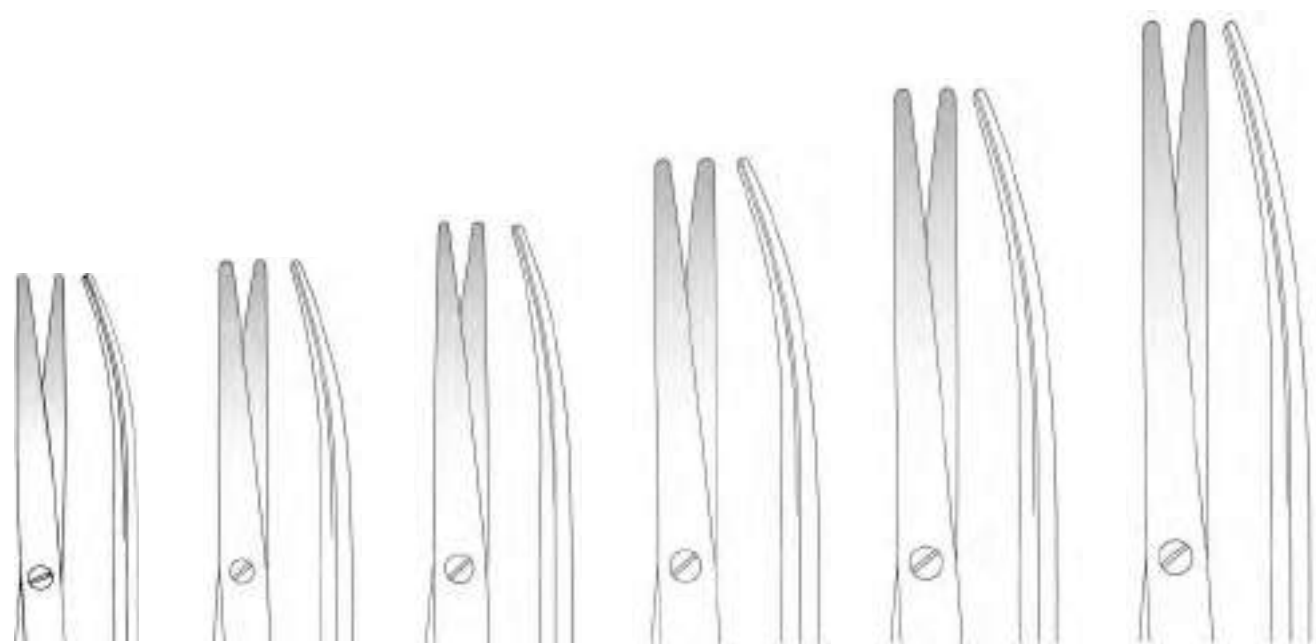
finoLine



1/2



Metzenbaum-Fino	Standard	TC GOLD	SuperCut	AQUILA
14,5 cm / 5 6/8"	11-327-14-07	11-955-14-07	11-665-14-07	11-889-14-07
18 cm / 7 1/8"	11-331-18-07	11-961-18-07	11-665-18-07	11-889-18-07
20,5 cm / 8 1/8"	11-331-20-07	11-961-20-07	11-665-20-07	
23 cm / 9"	11-331-23-07	11-961-23-07	11-665-23-07	
26 cm / 10 2/8"		11-961-25-07		
28,5 cm / 11 2/8"		11-961-28-07		



14,5 cm / 5 6/8"

18 cm / 7 1/8"

20,5 cm / 8 1/8"

23 cm / 9"

26 cm / 10 2/8"

28,5 cm / 11 2/8"

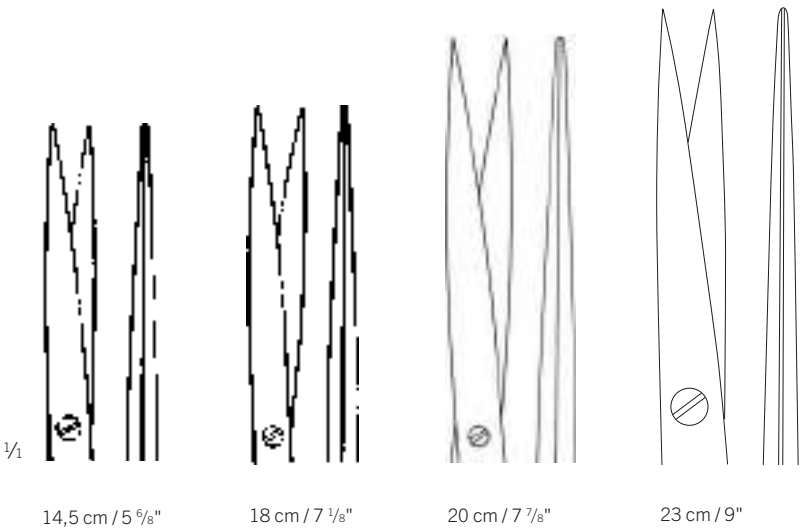
Feine Präparierscheren

Delicate Dissecting Scissors
Tijeras finas de disección
Ciseaux fins à dissection
Forbici fini per dissezione

finoLine



Metzenbaum-Fino	Standard	TC GOLD
14,5 cm / 5 7/8"	11-328-14-07	11-956-14-07
18 cm / 7 1/8"		11-962-18-07
20 cm / 7 7/8"		11-962-20-07
23 cm / 9"		11-962-23-07



Feine Präparierscheren

Delicate Dissecting Scissors
Tijeras finas de disección
Ciseaux fins à dissection
Forbici fini per dissezione

Scheren

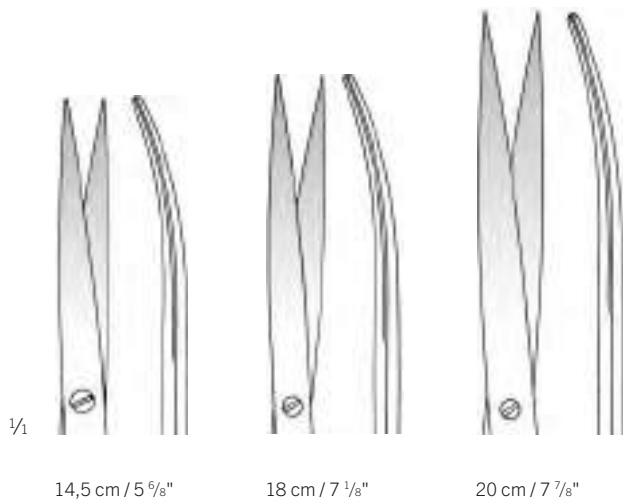
Scissors
Tijeras
Ciseaux
Forbici



finoLine



Metzenbaum-Fino	Standard	TCGOLD
14,5 cm / 5 7/8"	11-329-14-07	11-957-14-07
18 cm / 7 1/8"	11-329-18-07	
20 cm / 7 7/8"	11-329-20-07	



Feine Präparierscheren

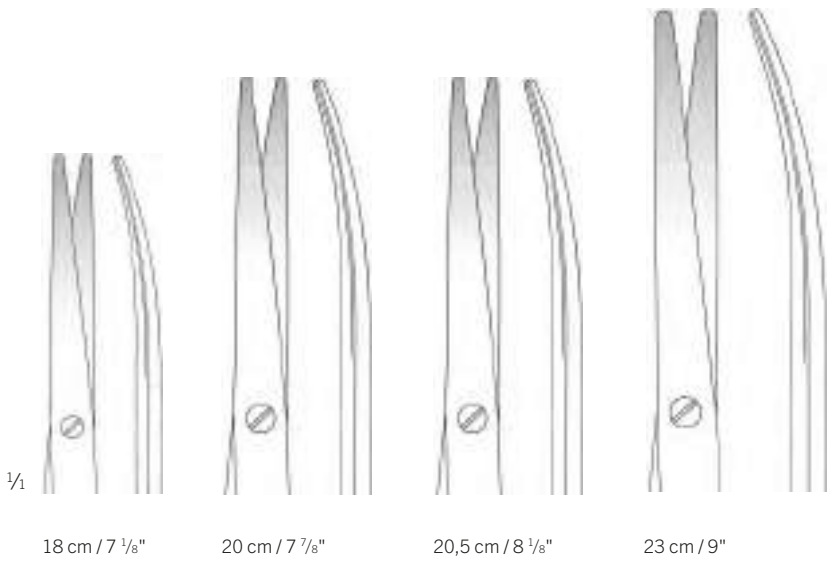
Delicate Dissecting Scissors
Tijeras finas de disección
Ciseaux fins à dissection
Forbici fini per dissezione

finoLine



Metzenbaum-Fino	Standard	TCGOLD	AQUILA
18 cm / 7 1/8"	11-335-18-07	11-967-18-07	28-473-18-07
20 cm / 7 7/8"			28-473-20-07
20,5 cm / 8 1/8"	11-335-20-07	11-967-20-07	
23 cm / 9"	11-335-23-07	11-967-23-07	28-473-23-07

schlankes Modell, S-Form
slender pattern, S-shaped
modelo delgado, forma S
modèle gracile, courbé en S
modello delicato,
curvo in forma S



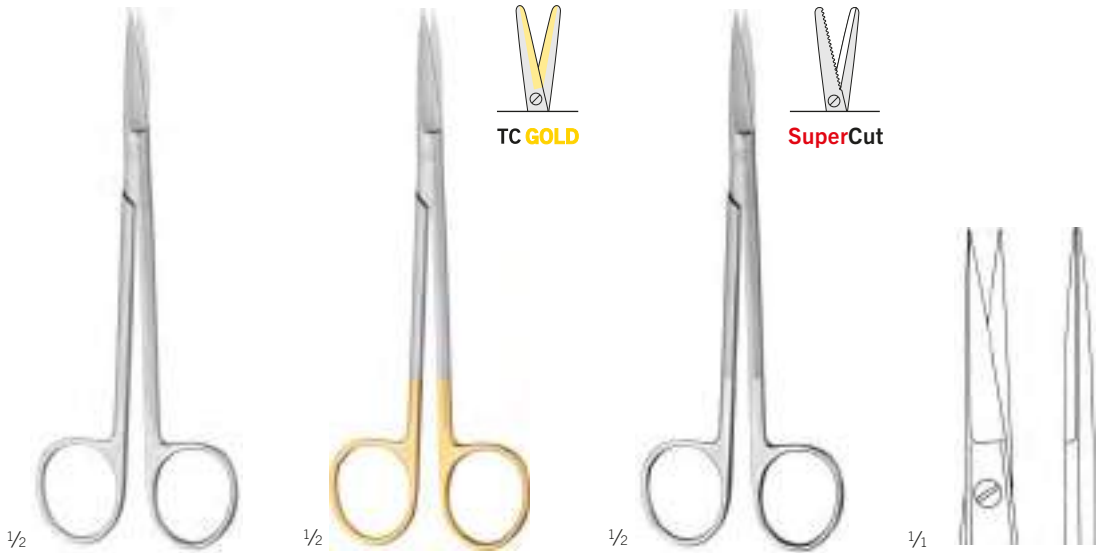
18 cm / 7 1/8" 20 cm / 7 7/8" 20,5 cm / 8 1/8" 23 cm / 9"

Chirurgische Scheren

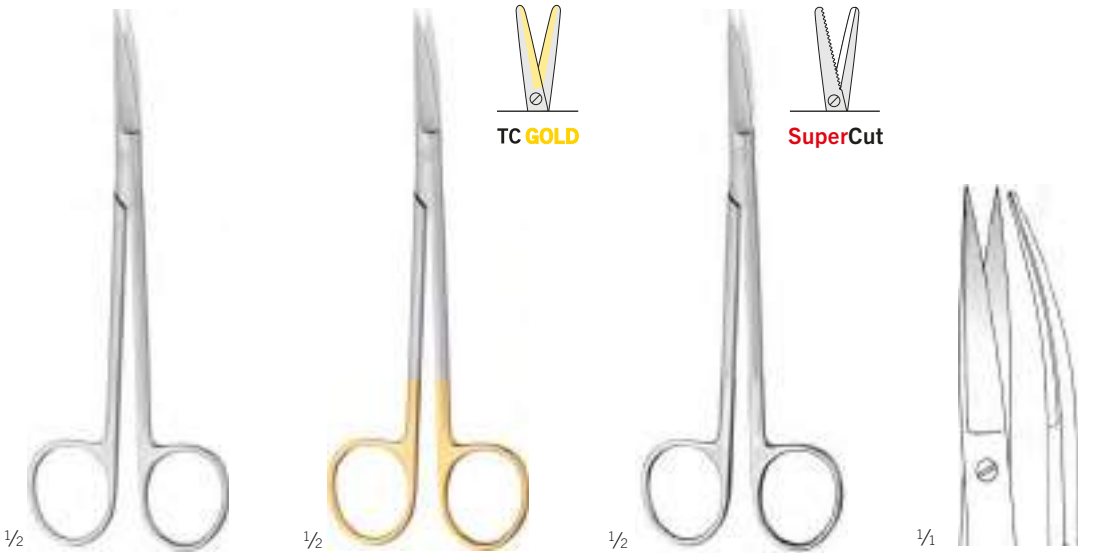
Operating Scissors
Tijeras quirúrgicas
Ciseaux chirurgicaux
Forbici per chirurgia

Scheren

Scissors
Tijeras
Ciseaux
Forbici



Joseph	Standard	TCGOLD	SuperCut
14,5 cm / 5 7/8"	11-350-14-07	11-948-14-07	11-666-14-07



Joseph	Standard	TCGOLD	SuperCut
14,5 cm / 5 7/8"	11-351-14-07	11-949-14-07	11-667-14-07

Dissektions- u. Zahnfleischschere

Dissecting Scissors
Tijera de disección
Ciseaux à dissection
Forbici per dissezione



11-358-13-07

13 cm / 5 $\frac{1}{8}$ "

Dissektions- u. Zahnfleischschere
Dissecting Scissors
Tijera de disección
Ciseaux à dissection
Forbici per dissezione

Präparierscheren, Gefäßscheren

Dissecting Scissors, Vascular Scissors
 Tijeras de disección, Tijeras vasculares
 Ciseaux à dissection, Ciseaux vasculaires
 Forbici per dissezione, Forbici vascolari

Scheren

Scissors
 Tijeras
 Ciseaux
 Forbici



Reynolds	Standard
14 cm / 5 4/8"	11-364-14-07
15,5 cm / 6 1/8"	11-364-15-07
18 cm / 7 1/8"	11-364-18-07



14 cm / 5 4/8"



15,5 cm / 6 1/8"



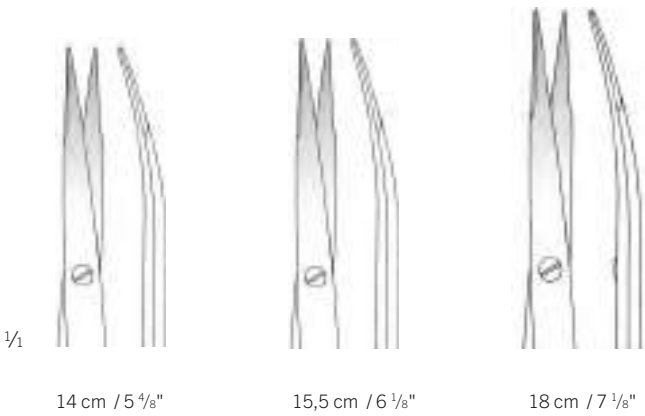
18 cm / 7 1/8"

Präparierscheren, Gefäßscheren

Dissecting Scissors, Vascular Scissors
Tijeras de disección, Tijeras vasculares
Ciseaux à dissection, Ciseaux vasculaires
Forbici per dissezione, Forbici vascolari



Reynolds	Standard	SuperCut
14 cm / 5 4/8"	11-365-14-07	
15,5 cm / 6 1/8"	11-365-15-07	11-671-15-07
18 cm / 7 1/8"	11-365-18-07	11-671-18-07



Präparierscheren, Gefäßscheren

Dissecting Scissors, Vascular Scissors

Tijeras de disección, Tijeras vasculares

Ciseaux à dissection, Ciseaux vasculaires

Forbici per dissezione, Forbici vascolari

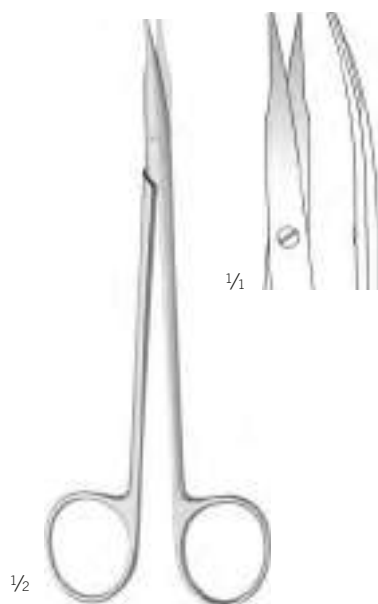
Scheren

Scissors

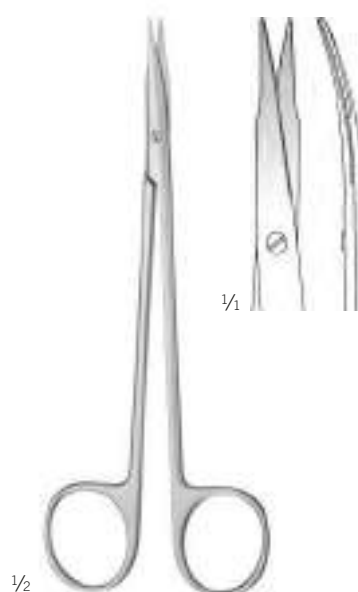
Tijeras

Ciseaux

Forbici

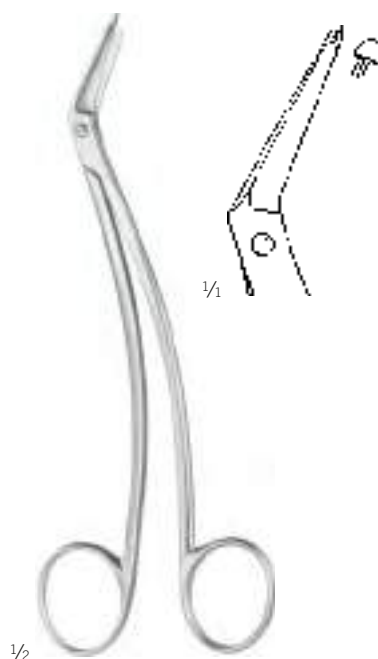


Jameson
11-367-14-07
15,5 cm / 6 1/8"



Jameson
11-369-14-07
15,5 cm / 6 1/8"

eine Schneide gezahnt
one toothed cutting edge
una hoja dentada
une lame dentelée
una lama dentata

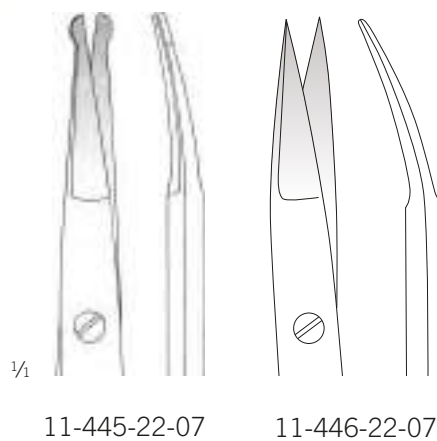


40°
Schmieden-Taylor
11-455-17-07
16,5 cm / 6 4/8"



Strully
11-445-22-07 - 11-446-22-07
22 cm / 8 5/8"

Neurochirurgische Schere
Neurosurgical scissors
Tijeras para neurocirugía
Ciseaux pour neurochirurgie
Forbici per neurochirurgia



11-445-22-07

11-446-22-07

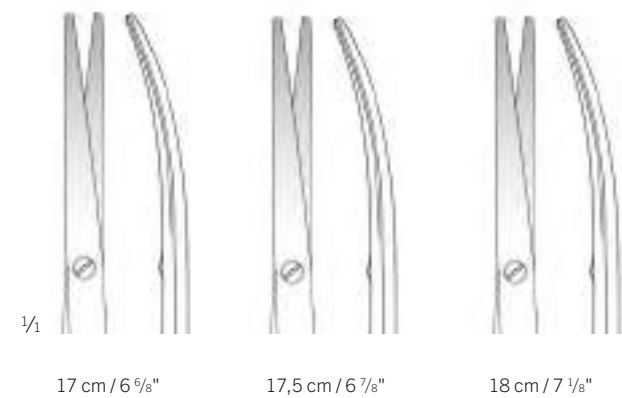
Feine Präparierscheren

Delicate Dissecting Scissors
Tijeras finas de disección
Ciseaux fins à dissection
Forbici fini per dissezione

finoLine



Toennis-Adson	Standard	TCGOLD	AQUILA	TCCBlackLine
17 cm / 6 5/8"				11-921-17-07
17,5 cm / 6 7/8"	11-459-17-07	11-965-17-07	11-893-17-07	
18 cm / 7 1/8"			28-477-18-07	



Präparierscheren

Dissecting Scissors

Tijeras de disección

Ciseaux à dissection

Forbici per dissezione

Scheren

Scissors

Tijeras

Ciseaux

Forbici



Arbeitslänge
working length
largo útil
longueur utile
lunghezza utile
120 mm

1/1



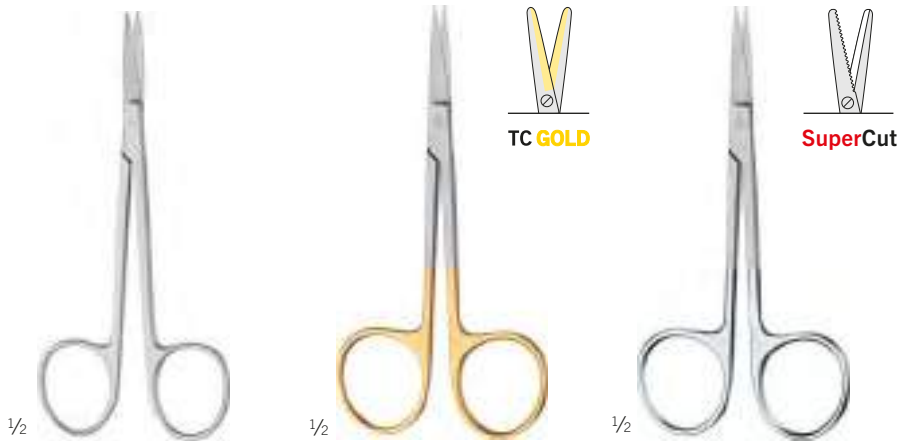
1/2

Olivecrona
11-475-23-07
13 cm / 5 1/8"

Trigeminusschere
Trigeminal scissors
Tijeras para nervio trigémino
Ciseaux pour le nerf trigéminal
Forbici per il nervo trigemino
eine Schneide gezahnt
one toothed cutting edge
una hoja dentada
une lame dentelée
una lama dentata

Chirurgische Scheren

Operating Scissors
Tijeras quirúrgicas
Ciseaux chirurgicaux
Forbici per chirurgia



	Standard	TCGOLD	SuperCut
11,5 cm / 4 5/8"	11-630-11-07	11-982-11-07	11-672-11-07



Chirurgische Scheren

Operating Scissors
Tijeras quirúrgicas
Ciseaux chirurgicaux
Forbici per chirurgia

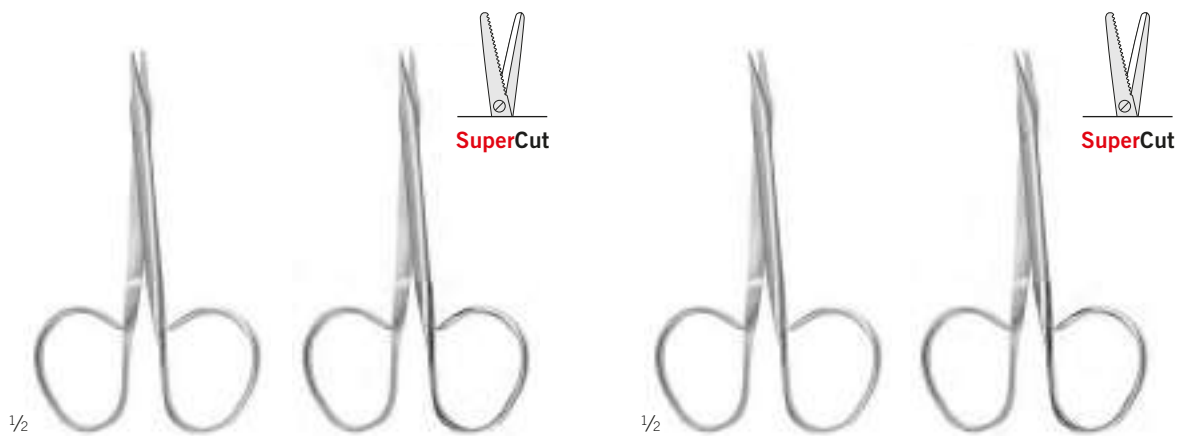
Scheren

Scissors
Tijeras
Ciseaux
Forbici



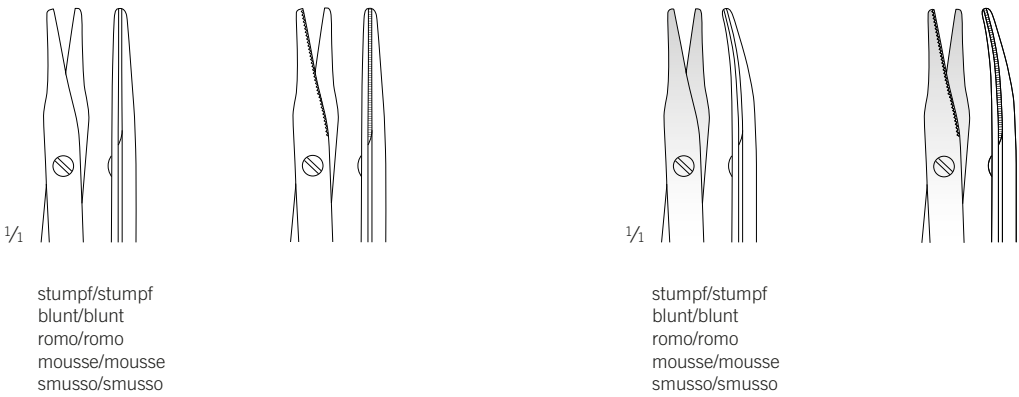
	Standard	TCGOLD	SuperCut
11,5 cm / 4 5/8"	11-631-11-07	11-983-11-07	11-673-11-07





Stevens	Standard	SuperCut
10 cm / 3 7/8"	11-678-10-07	
10,5 cm / 4 1/8"		11-676-10-07
11 cm / 4 3/8"	11-682-11-07	

Standard	SuperCut
11-679-10-07	
	11-677-10-07
11-683-11-07	



stumpf/stumpf

blunt/blunt

romo/romo

mousse/mousse

smusso/smusso

stumpf/stumpf

blunt/blunt

romo/romo

mousse/mousse

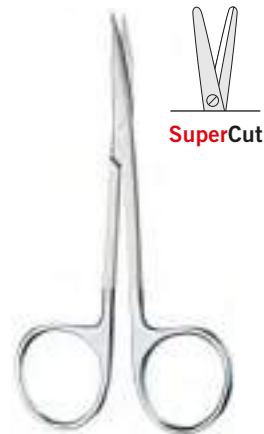
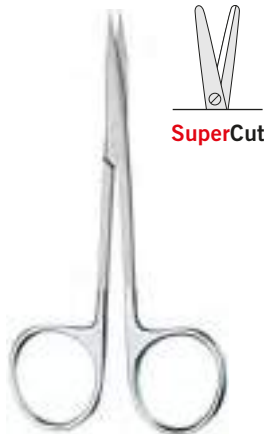
smusso/smusso

Irisscheren

Iris Scissors
Tijeras para iridectomía
Ciseaux à iridectomie
Forbici per iridectomia

Scheren

Scissors
Tijeras
Ciseaux
Forbici



Stevens	Standard	SuperCut
10,5 cm / 4 1/8"		11-674-10-07
11 cm / 4 3/8"	11-680-11-07	

Standard	SuperCut
	11-675-10-07
11-681-11-07	



spitz/spitz
sharp/sharp
agudo/agudo
pointu/pointu
appuntato/appuntato



spitz/spitz
sharp/sharp
agudo/agudo
pointu/pointu
appuntato/appuntato

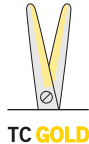
Drahtscheren
 Wire Cutting Scissors
 Tijeras para cortar hilos de acero
 Ciseaux coupe-fil
 Forbici per tagliare fili metallici



Universal
 11-865-12-07



Universal
 11-995-12-07



	Standard	TCGOLD	
12 cm / 4 5⁄8"	11-865-12-07		
12,5 cm / 4 7⁄8"		11-995-12-07	
	max Ø = 0,4 mm weicher Draht soft wire alambre blando fil métallique souple filo morbido	max Ø = 1,0 mm weicher Draht soft wire alambre blando fil métallique souple filo morbido	max Ø = 0,5 mm harter Draht hard wire alambre duro fil métallique raide filo rigido



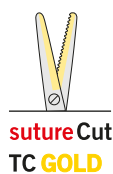
eine Schneide gezahnt
 one toothed cutting edge
 una hoja dentada
 une lame dentelée
 una lama dentata

Ligaturscheren

Ligature Scissors
Tijeras para ligaduras
Ciseaux pour ligatures
Forbici per legature

Scheren

Scissors
Tijeras
Ciseaux
Forbici



1/2

11-914-14-07 -
11-914-30-07

für Synthetik-Nahtmaterial,
eine Schneide gezahnt

for synthetic suture material,
one toothed cutting edge

para hilos de sutura sintéticos,
una hoja dentada

pour matériel de suture synthétique,
une lame dentelée

per materiale di sutura sintetico,
una lama dentata

1/4



11-914-14-07
14,5 cm / 5 3/4"



11-914-18-07
18 cm / 7"

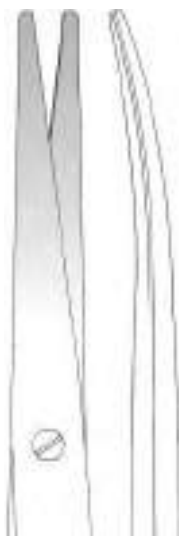


11-914-20-07
20,5 cm / 8"

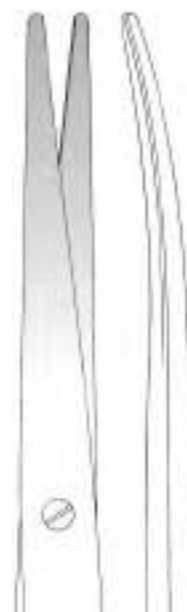
1/4



11-914-23-07
23 cm / 9"



11-914-25-07
25 cm / 9 3/4"



11-914-30-07
30 cm / 11 5/8"

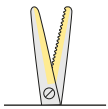
Ligaturscheren

Ligature Scissors

Tijeras para ligaduras

Ciseaux pour ligatures

Forbici per legature



sutureCut

TC GOLD



1/2

11-915-14-07 -
11-915-23-07

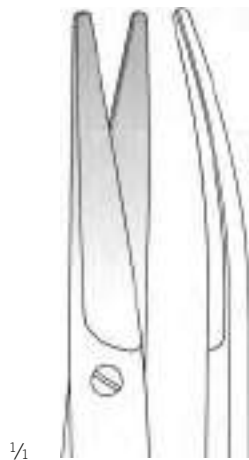
für Synthetik-Nahtmaterial,
eine Schneide gezahnt

for synthetic suture material,
one toothed cutting edge

para hilos de sutura sintéticos,
una hoja dentada

pour matériel de suture synthétique,
une lame dentelée

per materiale di sutura sintetico,
una lama dentata

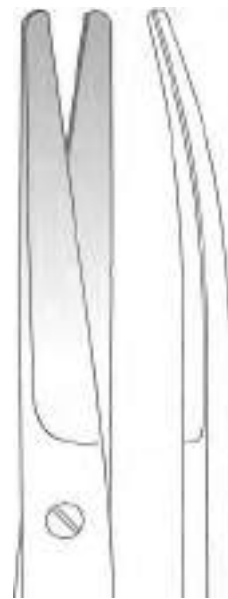


1/1

11-915-14-07
14,5 cm / 5 3/4"



11-915-17-07
17 cm / 6 3/4"



11-915-23-07
23 cm / 9"

TCC-BlackLine-Scheren

TCC-BlackLine Scissors

Tijeras TCC-BlackLine

Ciseaux TCC-BlackLine

Forbici TCC-BlackLine

Scheren

Scissors

Tijeras

Ciseaux

Forbici



TCC BlackLine

finoLine TC GOLD



1/2

11-916-14-07 -
11-916-20-07

1/1

11-916-14-07
14 cm / 5 4/8"

11-916-18-07
18 cm / 7 1/8"

11-916-20-07
20 cm / 7 7/8"



1/2

Tönnis-Adson TCC-BlackLine
11-919-14-07 -
11-919-18-07

1/1

11-919-14-07
14,5 cm / 5 6/8"

11-919-18-07
18 cm / 7 1/8"

sehr fein
very delicate
muy fino
très fin
strafino

Keramik-Beschichtung,
eine Schneide gezahnt

Coated with ceramics,
one toothed cutting edge

Cubierto con material de cerámicas,
una hoja dentada

Recouvert avec matériau de la
céramique, une lame dentelée

Ricoprito con materiale di ceramica,
una lama dentata

Präparierscheren, Chirurgische Scheren, Feine Präparierscheren

Dissecting Scissors, Operating Scissors, Delicate Dissecting Scissors

Tijeras de disección, Tijeras quirúrgicas, Tijeras finas de disección

Ciseaux à dissection, Ciseaux chirurgicaux, Ciseaux fins à dissection

Forbici per dissezione, Forbici per chirurgia, Forbici fini per dissezione



Metzenbaum-Lahey
11-965-14-07

14,5 cm / 5 ⁶/₈"

schlankes Modell

slender pattern

modelo delgado

modèle gracile

modello delicato

Pinzetten
Forceps
Pinzas
Pinces
Pinze



Anatomische Pinzetten

Dissecting Forceps

Pinzas de disección

Pinces à dissection

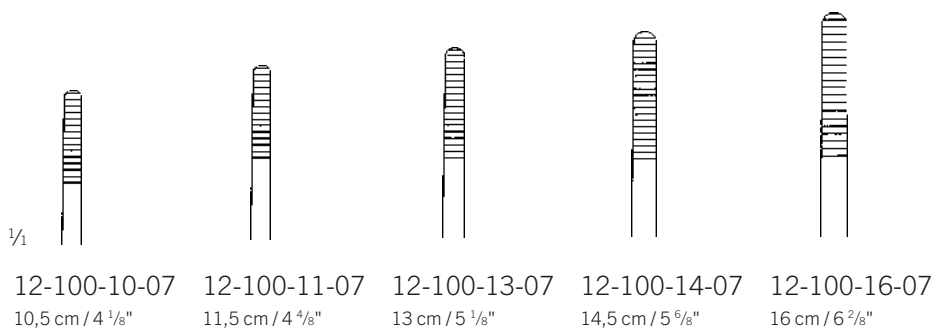
Pinze per dissezione



1/2

12-100-10-07 -
12-100-30-07

Standardmodell
standard pattern
modelo estándar
modèle standard
modello standard



1/1

12-100-10-07

10,5 cm / 4 1/8"

12-100-11-07

11,5 cm / 4 4/8"

12-100-13-07

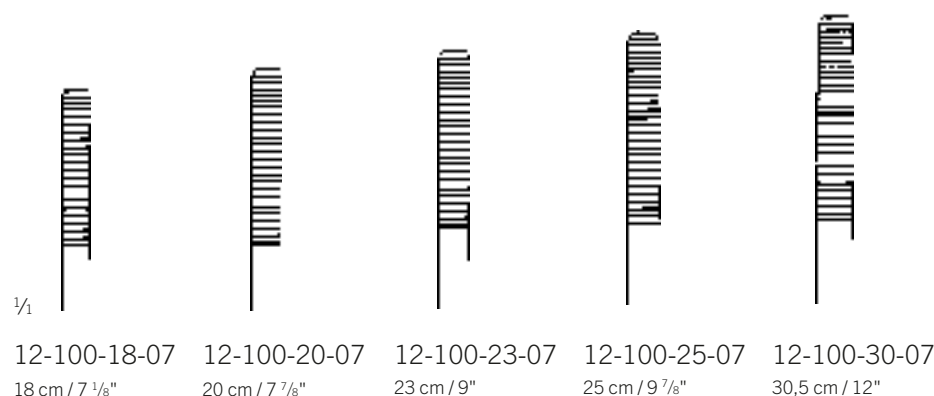
13 cm / 5 1/8"

12-100-14-07

14,5 cm / 5 5/8"

12-100-16-07

16 cm / 6 2/8"



1/1

12-100-18-07

18 cm / 7 1/8"

12-100-20-07

20 cm / 7 7/8"

12-100-23-07

23 cm / 9"

12-100-25-07

25 cm / 9 7/8"

12-100-30-07

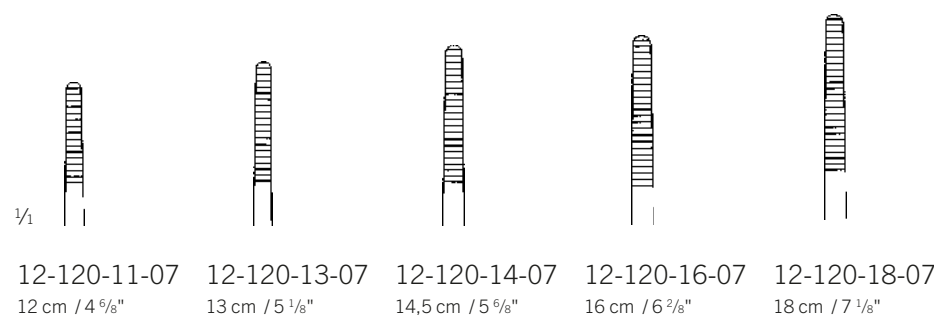
30,5 cm / 12"



1/2

12-120-11-07 -
12-120-30-07

mittelbreit
medium width
de anchura medio
demi-large
di media larghezza



1/1

12-120-11-07

12 cm / 4 6/8"

12-120-13-07

13 cm / 5 1/8"

12-120-14-07

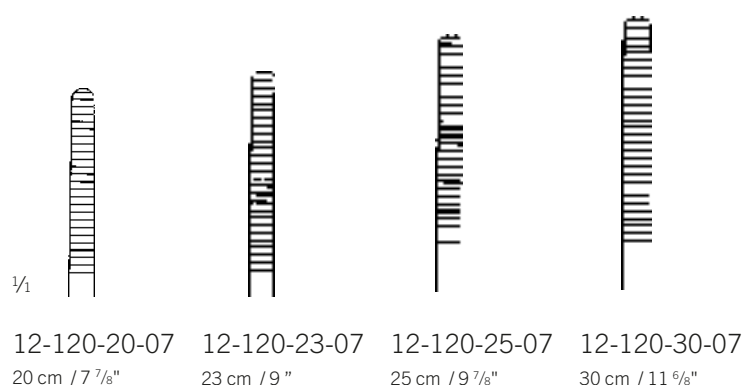
14,5 cm / 5 5/8"

12-120-16-07

16 cm / 6 2/8"

12-120-18-07

18 cm / 7 1/8"



1/1

12-120-20-07

20 cm / 7 7/8"

12-120-23-07

23 cm / 9"

12-120-25-07

25 cm / 9 7/8"

12-120-30-07

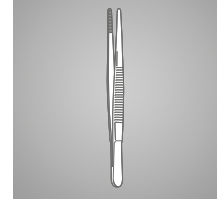
30 cm / 11 5/8"

Anatomische Pinzetten

Dissecting Forceps
Pinzas de disección
Pincers à dissection
Pinze per dissezione

Pinzetten

Forceps
Pinzas
Pincers
Pinze



12-122-13-07
13 cm / 5 1/8"



12-134-20-07
20 cm / 7 7/8"



12-126-13-07 -
12-126-14-07



Adson
12-168-12-07 -
12-168-15-07



12-126-13-07
13 cm / 5 1/8"



12-126-14-07
14,5 cm / 5 6/8"



12-168-12-07
12 cm / 4 6/8"



12-168-15-07
15 cm / 5 7/8"



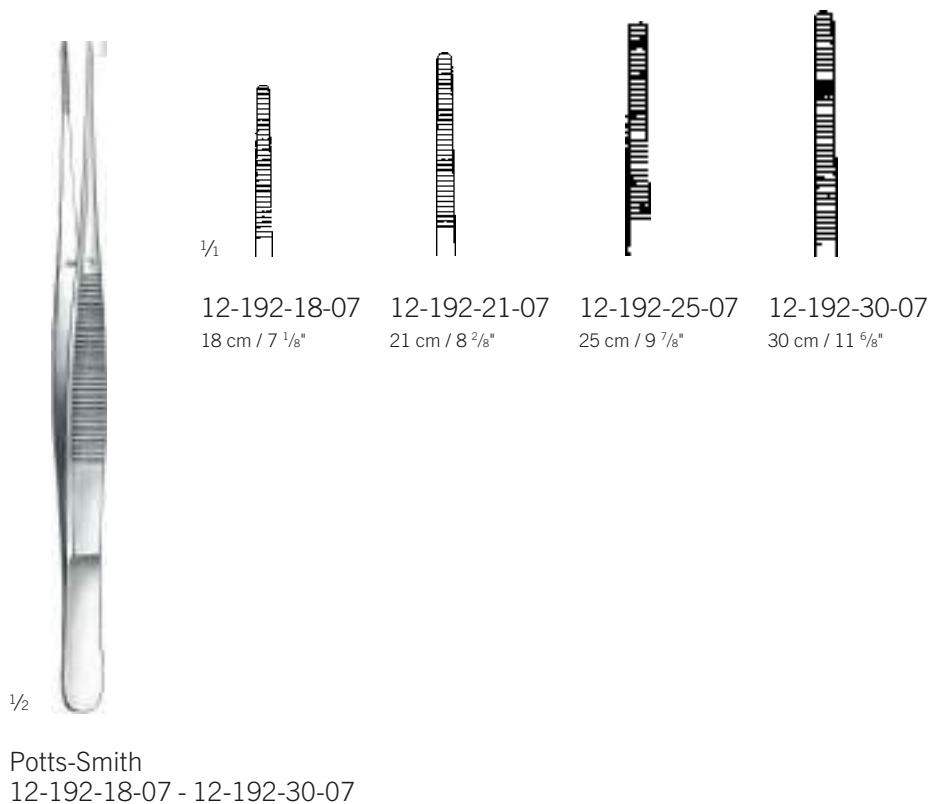
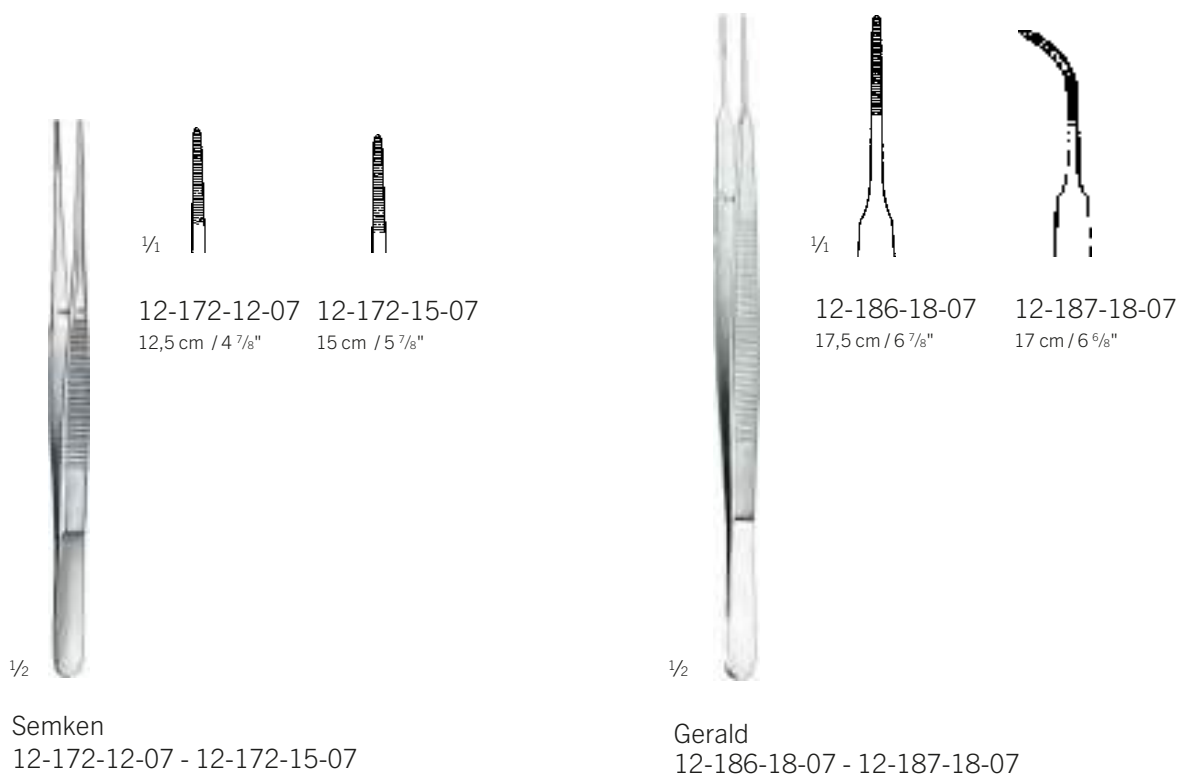
12-132-19-07
18,5 cm / 7 2/8"



McIndoe
12-170-15-07
15 cm / 5 7/8"

Anatomische Pinzetten

Dissecting Forceps
Pinzas de disección
Pincers à dissection
Pinze per dissezione

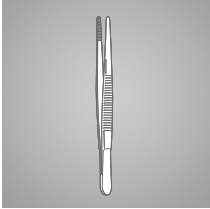


Chirurgische Pinzetten, Anatomische Pinzetten

Tissue Forceps, Dissecting Forceps
Pinzas de disección con diente, Pinzas de disección
Pincès à dissection à griffes, Pincès à dissection
Pinze per dissezione con denti, Pinze per dissezione

Pinzetten

Forceps
Pinzas
Pincès
Pinze



McIndoe
12-238-15-07

15 cm / 5 7/8"
Miniprofil
mini profile
perfil mini
profil mini
mini-profilo



Semken
12-240-16-07 -
12-242-18-07



12-240-16-07
15,5 cm / 6 1/8"
Normalprofil
normal profile
perfil normal
profil normal
profilo normale



12-240-18-07
17,5 cm / 6 7/8"
Normalprofil
normal profile
perfil normal
profil normal
profilo normale



12-242-16-07
15,5 cm / 6 1/8"
Miniprofil
mini profile
perfil mini
profil mini
mini-profilo



12-242-18-07
17,5 cm / 6 7/8"
Miniprofil
mini profile
perfil mini
profil mini
mini-profilo



Chirurgische Pinzetten, Anatomische Pinzetten

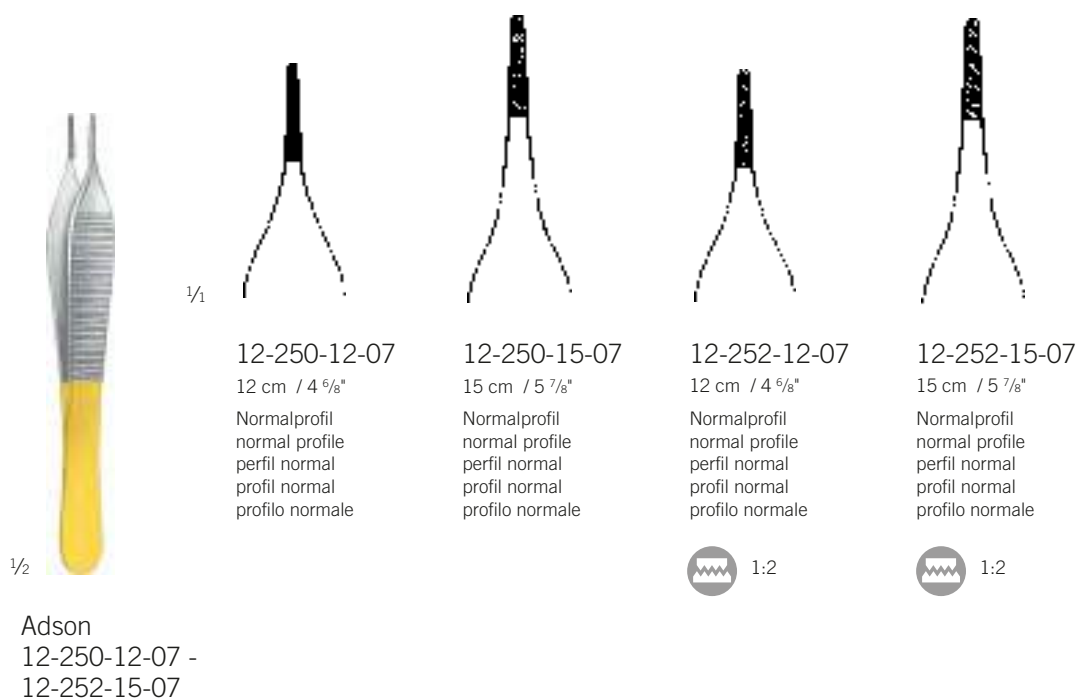
Tissue Forceps, Dissecting Forceps

Pinzas de disección con diente, Pinzas de disección

Pinces à dissection à griffes, Pinces à dissection

Pinze per dissezione con denti, Pinze per dissezione

TC GOLD

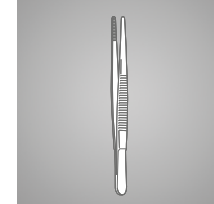


Anatomische Pinzetten

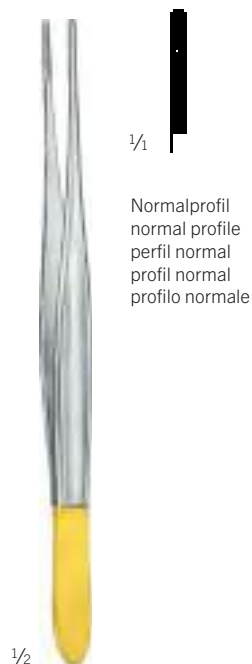
Dissecting Forceps
Pinzas de disección
Pincès à dissection
Pinze per dissezione

Pinzetten

Forceps
Pinzas
Pincès
Pinze



TC GOLD



Normalprofil
normal profile
perfil normal
profil normal
profilo normale

Cushing
12-254-17-07
17,5 cm / 6 7/8"



Normalprofil
normal profile
perfil normal
profil normal
profilo normale

Cushing
12-255-18-07
17 cm / 6 5/8"



Normalprofil
normal profile
perfil normal
profil normal
profilo normale

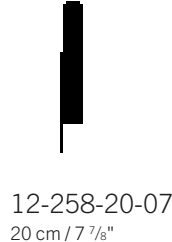
Cushing-Taylor
12-256-18-07
18,5 cm / 7 3/8"



12-258-14-07
14 cm / 5 4/8"



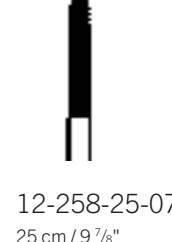
12-258-18-07
18,5 cm / 7 2/8"



12-258-20-07
20 cm / 7 7/8"



12-258-23-07
23 cm / 9"



12-258-25-07
25 cm / 9 7/8"

Potts-Smith
12-258-14-07 - 12-258-25-07

Normalprofil
normal profile
perfil normal
profil normal
profilo normale

Chirurgische Pinzetten

Tissue Forceps

Pinzas de disección con diente

Pinces à dissection à griffes

Pinze per dissezione con denti

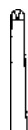


1/2

12-301-10-07 -
12-301-30-07

Standardmodell
standard pattern
modelo estándar
modèle standard
modello standard

1/1



12-301-10-07

10,5 cm / 4 1/8"



1:2



12-301-11-07

12 cm / 4 5/8"



1:2



12-301-13-07

13 cm / 5 1/8"



1:2



12-301-14-07

14,5 cm / 5 7/8"



1:2



12-301-16-07

16 cm / 6 2/8"



1:2

1/1



12-301-18-07

18 cm / 7 1/8"



1:2



12-301-20-07

20,5 cm / 8 1/8"



1:2



12-301-25-07

25 cm / 9 7/8"



1:2



12-301-30-07

30,5 cm / 12"



1:2

1/1



12-302-13-07

13 cm / 5 1/8"



2:3



12-302-14-07

14,5 cm / 5 6/8"



2:3



12-302-16-07

16 cm / 6 2/8"



2:3



12-302-18-07

18 cm / 7 1/8"



2:3



12-302-20-07

20,5 cm / 8 1/8"



2:3

1/2

12-302-13-07 -
12-302-20-07

Chirurgische Pinzetten

Tissue Forceps

Pinzas de disección con diente

Pinces à dissection à griffes

Pinze per dissezione con denti

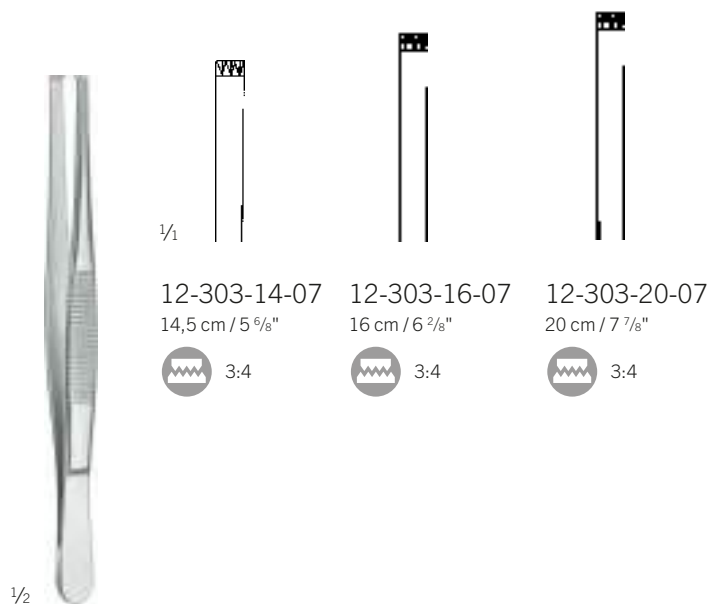
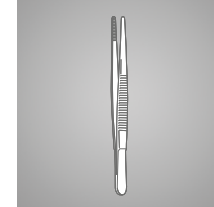
Pinzetten

Forceps

Pinzas

Pinces

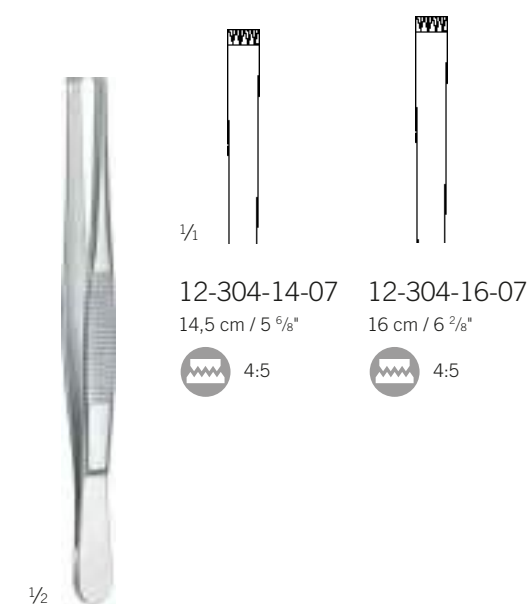
Pinze



12-303-14-07
14,5 cm / 5 ⁵/₈"

12-303-16-07
16 cm / 6 ²/₈"

12-303-20-07
20 cm / 7 ⁷/₈"



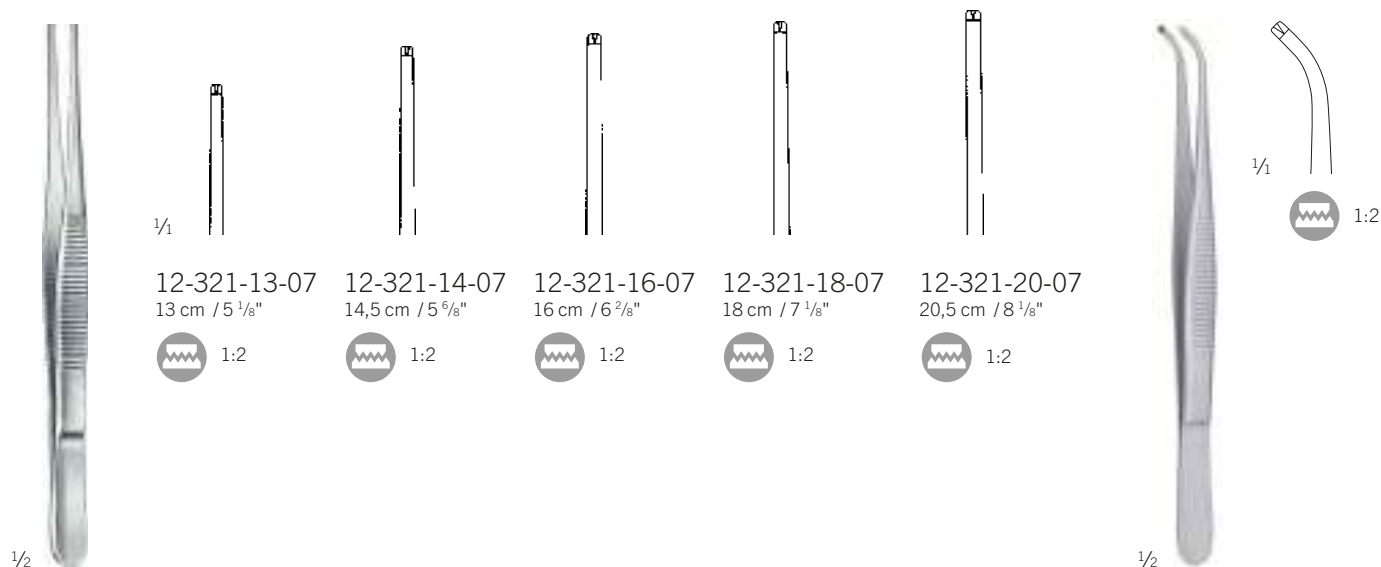
12-304-14-07
14,5 cm / 5 ⁵/₈"

12-304-16-07
16 cm / 6 ²/₈"



12-303-14-07 - 12-303-20-07

12-304-14-07 - 12-304-16-07



12-321-13-07
13 cm / 5 ¹/₈"

12-321-14-07
14,5 cm / 5 ⁵/₈"

12-321-16-07
16 cm / 6 ²/₈"

12-321-18-07
18 cm / 7 ¹/₈"

12-321-20-07
20,5 cm / 8 ¹/₈"



12-321-13-07 - 12-321-20-07

mittelbreit
medium
medio
moyen
medio

12-323-15-07
14,5 cm / 5 ⁵/₈"

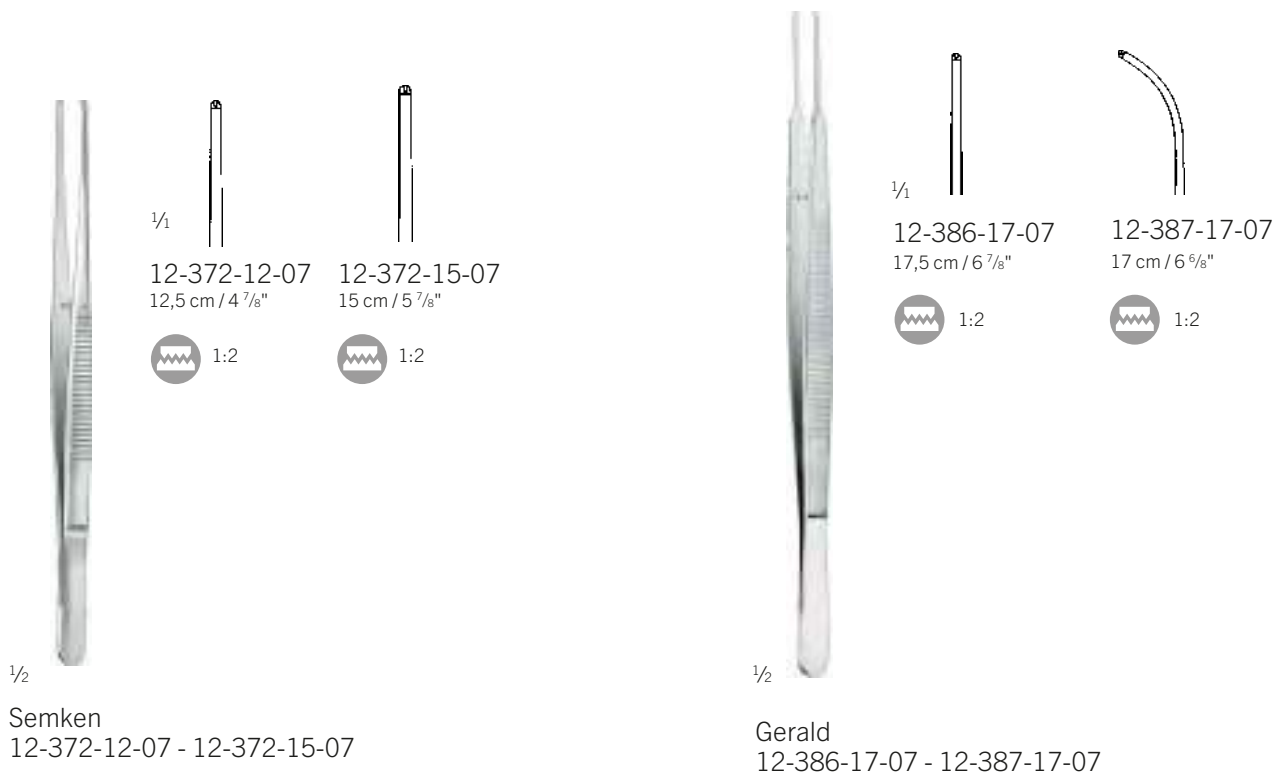
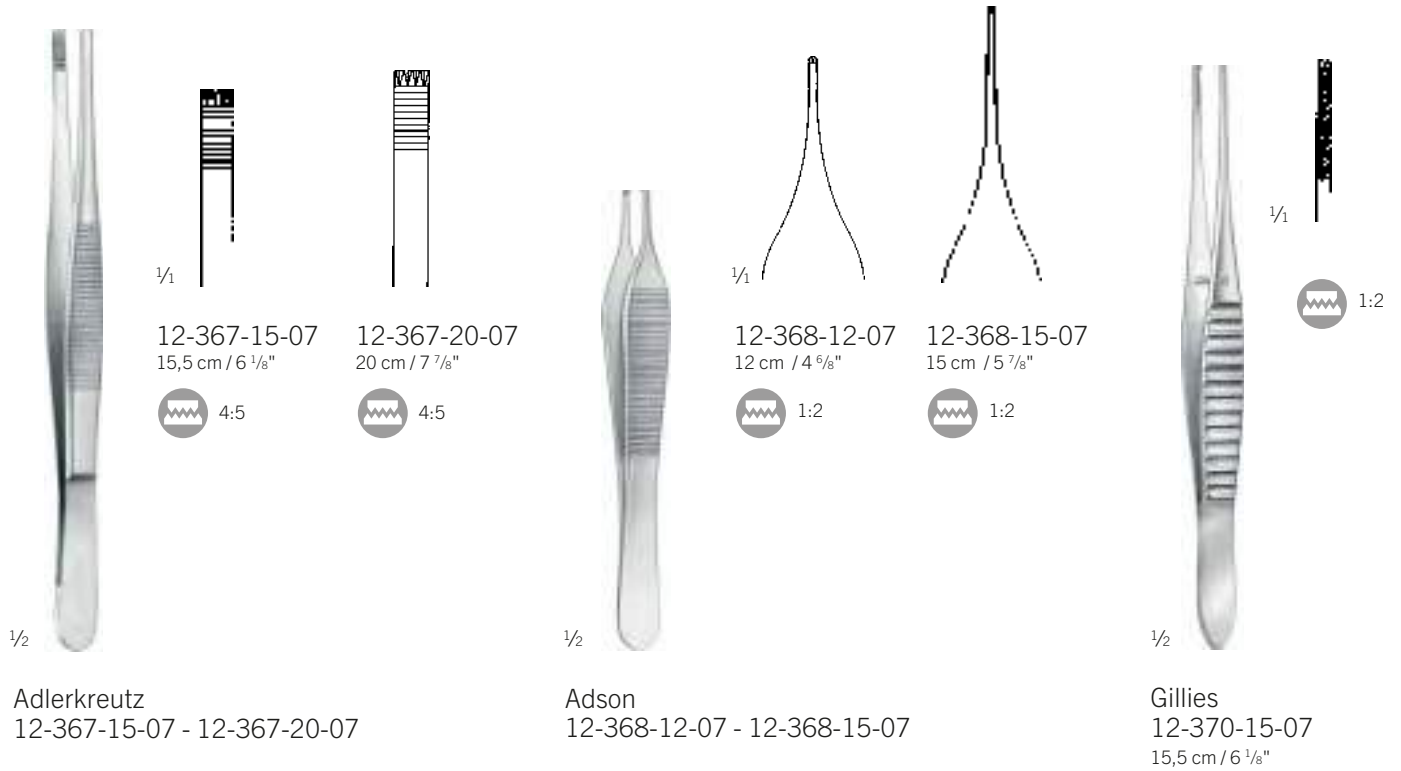
Chirurgische Pinzetten

Tissue Forceps

Pinzas de disección con diente

Pinces à dissection à griffes

Pinze per dissezione con denti



Chirurgische Pinzetten

Tissue Forceps

Pinzas de disección con diente

Pinces à dissection à griffes

Pinze per dissezione con denti

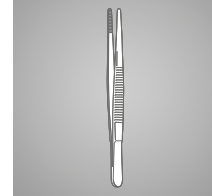
Pinzetten

Forceps

Pinzas

Pinces

Pinze



1/2

Potts-Smith
12-392-18-07 -
12-392-30-07



1/1

12-392-18-07

18 cm / 7 1/8"



1:2



12-392-21-07

21 cm / 8 2/8"



1:2



12-392-25-07

25 cm / 9 7/8"



1:2



1/2

Adson-Brown
12-400-12-07
12 cm / 4 6/8"



1/1



7:7



1/2

Mikro-Adson
12-404-12-07 - 12-404-15-07



1/1

12-404-12-07

12 cm / 4 6/8"



12-404-15-07

15 cm / 5 7/8"



1/2

Mikro-Adson
12-406-12-07 - 12-406-15-07



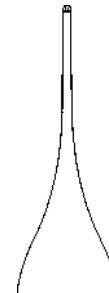
1/1

12-406-12-07

12 cm / 4 6/8"



1:2



12-406-15-07

15 cm / 5 7/8"



1:2

Gefäßpinzetten

Vascular Forceps

Pinzas de disección vascular

Pinces à dissection vasculaires

Pinze per dissezione vascolari

Atrauma



1/1

1,5 mm	1,5 mm	1,5 mm
24-386-16-07	24-386-20-07	24-386-24-07
16 cm / 6 2/8"	20 cm / 7 7/8"	25 cm / 9 7/8"



1/1

2,0 mm	2,0 mm	2,0 mm	2,0 mm
24-388-16-07	24-388-20-07	24-388-24-07	24-388-30-07
16 cm / 6 2/8"	20 cm / 7 7/8"	25 cm / 9 7/8"	30 cm / 11 6/8"



1/1

2,7 mm	2,7 mm	2,7 mm	2,7 mm
24-384-16-07	24-384-20-07	24-384-24-07	24-384-30-07
16 cm / 6 2/8"	20 cm / 7 7/8"	25 cm / 9 7/8"	30 cm / 11 6/8"



1/1

3,5 mm	3,5 mm	3,5 mm	3,5 mm
24-390-16-07	24-390-20-07	24-390-24-07	24-390-30-07
16 cm / 6 2/8"	20 cm / 7 7/8"	25 cm / 9 7/8"	30 cm / 11 6/8"



1/2

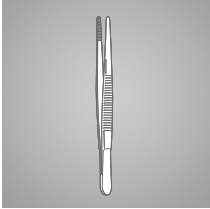
De Bakey
24-384-16-07 -
24-390-30-07

Gefäßpinzetten

Vascular Forceps
Pinzas de disección vascular
Pincers à dissection vasculaires
Pinze per dissezione vascolari

Pinzetten

Forceps
Pinzas
Pincers
Pinze

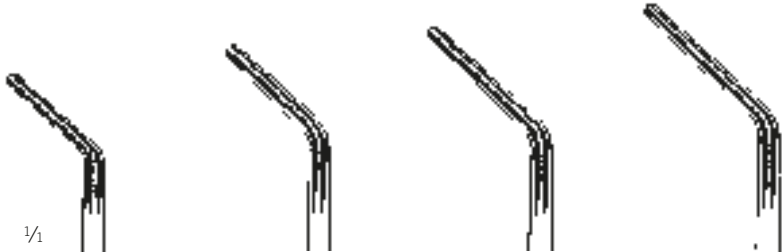


Atrauma



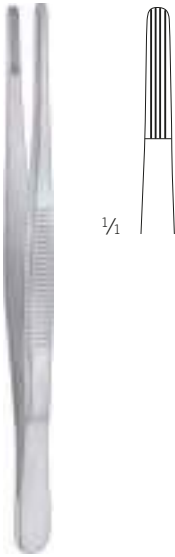
1/2

De Bakey
24-389-16-07 -
24-389-30-07



1/1

2,0 mm	2,0 mm	2,0 mm	2,0 mm
24-389-16-07	24-389-20-07	24-389-24-07	24-389-30-07
16 cm / 6 2/8"	20 cm / 7 7/8"	25 cm / 9 7/8"	30 cm / 11 6/8"



1/1

1/2

Ochsner
20-894-14-07
14,5 cm / 5 6/8"
Fadenpinzette
Thread forceps
Pinzas para ligaduras
Pince à fil
Pinze porta-filo

Pinzetten, bajonett

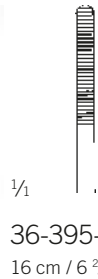
Forceps, bayonet
Pinzas, bayoneta
Pinces, baïonnette
Pinze, baionetta



Grünwald
36-391-14-07
14,5 cm / 5 ⁶/₈"
Ohrpinzetten
Ear forceps
Pinzas auriculares
Pinces auriculaires
Pinze auricolari



Jansen
36-395-16-07 -
36-395-20-07



36-395-16-07
16 cm / 6 ²/₈"



36-395-20-07
21,5 cm / 8 ⁴/₈"



Grünwald (Jansen)
37-115-16-07 - 37-115-20-07
Nasentamponpinzette
Nasal tampon forceps
Pinzas para tampones nasales
Pince pour pansements nasales
Pinze per tamponi nasali



37-115-16-07
16 cm / 6 ²/₈"

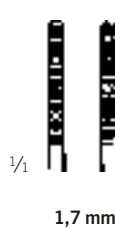


37-115-20-07
21,5 cm / 8 ⁴/₈"



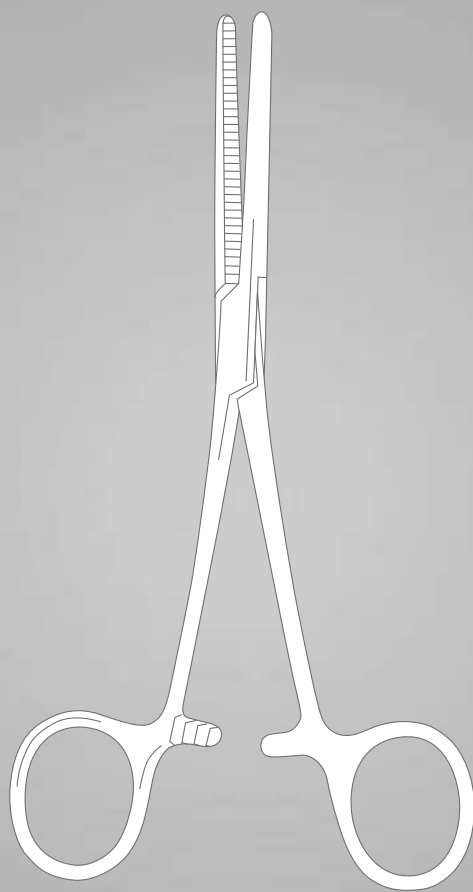
Cottle
37-731-14-07
14 cm / 5 ⁴/₈"

Hautfasspinzette, mit Zähnchen
Skin grasping forceps, with teeth
Pinzas para piel, con dientes
Pinces pour saisir la peau, avec dents
Pinze per afferrare la pelle, con denti



1,7 mm

Klemmen
Forceps
Pinzas
Pinces
Pinze



Clip-Anlegepinzette, GefäßClips
 Clip Applying Forceps, Vessel Clips
 Pinzas para aplicar clips,
 Pinces pour poser les clips vasculaires, Clips vasculaires
 Pinze per applicazione clips vascolari,



Biemer
13-010-00-07
 16 cm / 6 2/8"
 Gefäßspreizer
 Vascular spreader
 Dilatador de vasos
 Ecarteur vasculaire
 Dilatatore vascolare



➡ **13-052-04-07 -**
13-060-04-07

13-050-14-07
 14,5 cm / 5 5/8"
 ohne Sperre
 w/o ratchet
 sin cremallera
 sans crémaillère
 senza cremagliera



➡ **13-052-04-07 -**
13-060-04-07

13-051-14-07
 14,5 cm / 5 5/8"
 mit Sperre
 with ratchet
 con cremallera
 avec crémaillère
 con cremagliera



Biemer
13-052-04-07 -
13-053-05-07



St	13-052-04-07	13-052-05-07	13-053-05-07
	14 mm	17 mm	17 mm
	6 mm	9 mm	9 mm
	4 mm	7 mm	7 mm
P	30 - 40 g	30 - 40 g	20 - 25 g

Gefäßclips, Approximatoren

Vessel Clips, Approximators
Clips vasculares, Aproximadores
Clips vasculaires, Approximateurs
Clip vascolari, Approssimatori

Klemmen

Forceps
Pinzas
Pincers
Pinze



1/1

Biemer-Müller
13-054-05-07 -
13-059-05-07



1/1

	gerade, breit straight, wide recto, ancho droit, large retto, largo	gewinkelt, breit angled, wide angulado, ancho coudé, large angulato, largo	gerade, schmal straight, narrow recto, estrecho droit, étroit retto, stretto	gerade, schmal straight, narrow recto, estrecho droit, étroit retto, stretto	gewinkelt, schmal angled, narrow angulado, estrecho coudé, étroit angulato, stretto
St	13-054-05-07	13-055-05-07	13-056-03-07	13-058-05-07	13-059-05-07
	17 mm	17 mm	13 mm	17 mm	17 mm
	9 mm	9 mm	4,5 mm	9 mm	9 mm
	7 mm	7 mm	4 mm	7 mm	7 mm
P	30 - 40 g	30 - 40 g	30 - 40 g	30 - 40 g	25 - 30 g

Approximatoren, Nerv-Approximatoren

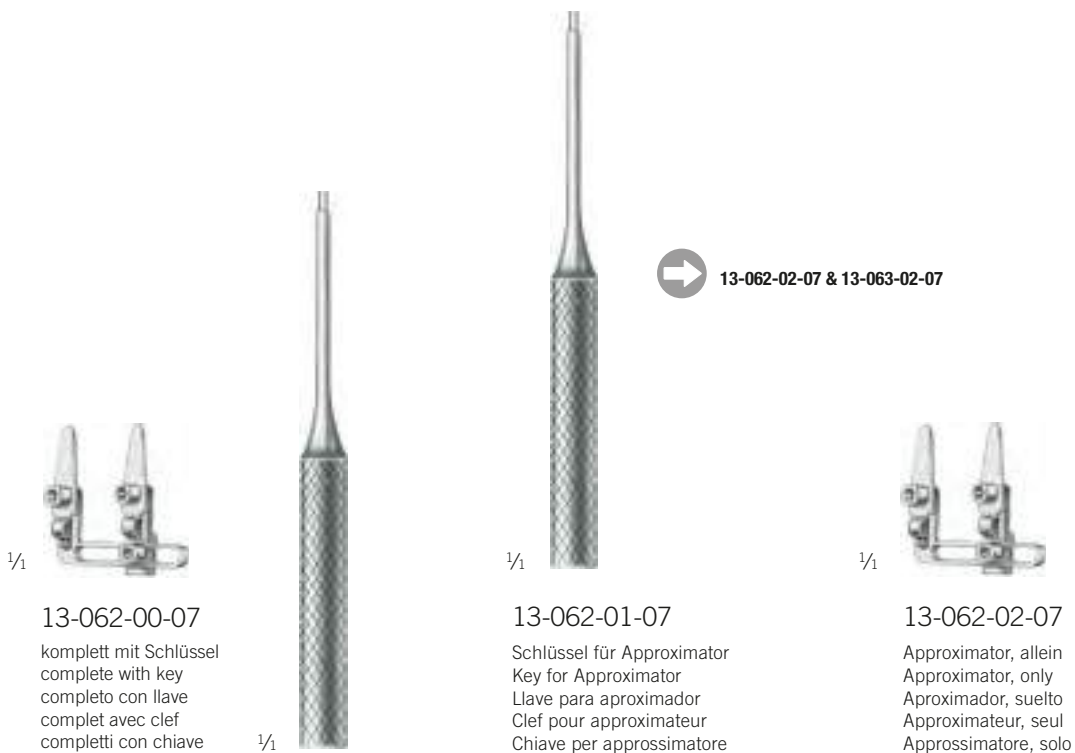
Approximators, Nerve Approximators

Aproximadores, Aproximadores para nervios

Approximateurs, Approximateurs pour nerfs

Approssimatori, Approssimatori per nervi

für Mikro-Gefäßanastomosen in der Tiefe
for Micro vessel anastomosis in the depth
para micro anastomosis en la profundidad
pour micro-anastomoses vasculaires en profondeur
per micro-anastomosi vascolari nella profondità



Mini-Gefäßclips, Clip-Anlegezangen, Bulldogklemmen

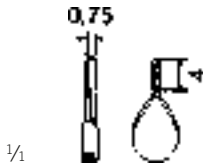
Mini Vessel Clips, Clip Applying Forceps
Mini Clips vasculaires, Pinzas para aplicar clips
Micro-clips vasculaires, Pincers pour poser micro-clips
Mini-clip vascolari, Pinze per applicare clips vascolari

Klemmen

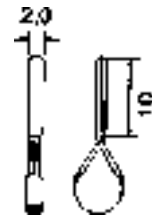
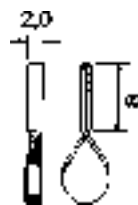
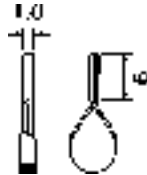
Forceps
Pinzas
Pincers
Pinze



13-102-04-07 -
13-102-10-07



1/1



St	13-102-04-07	13-102-06-07	13-102-08-07	13-102-10-07
	13 mm	15 mm	17 mm	20 mm
	4 mm	6 mm	8 mm	10 mm
	4 mm	5 mm	6 mm	7 mm
	60 g	85 g	100 g	125 g



1/2

13-104-14-07

14,5 cm / 5 7/8"

mit Sperre
with ratchet
con cremallera
avec cremaillère
con cremagliera



13-102-04-07 -
13-102-10-07



1/2

13-106-18-07

18,5 cm / 7 2/8"

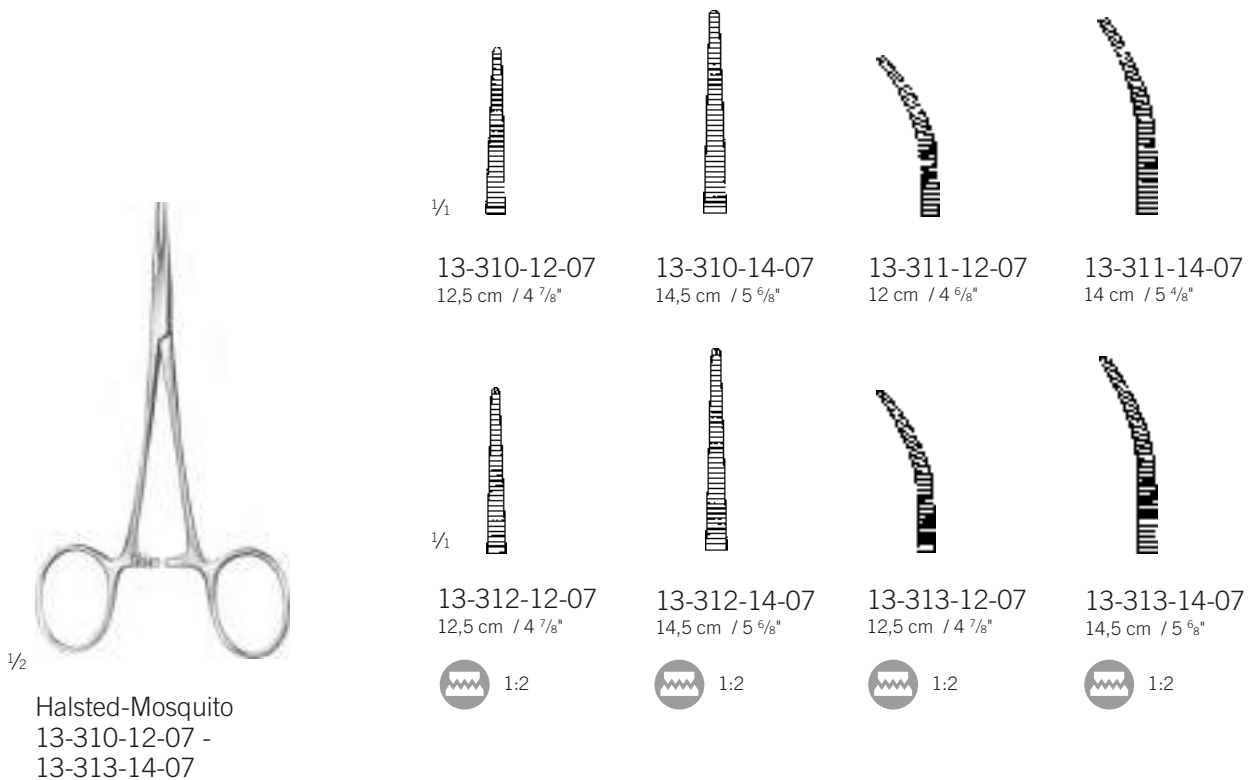
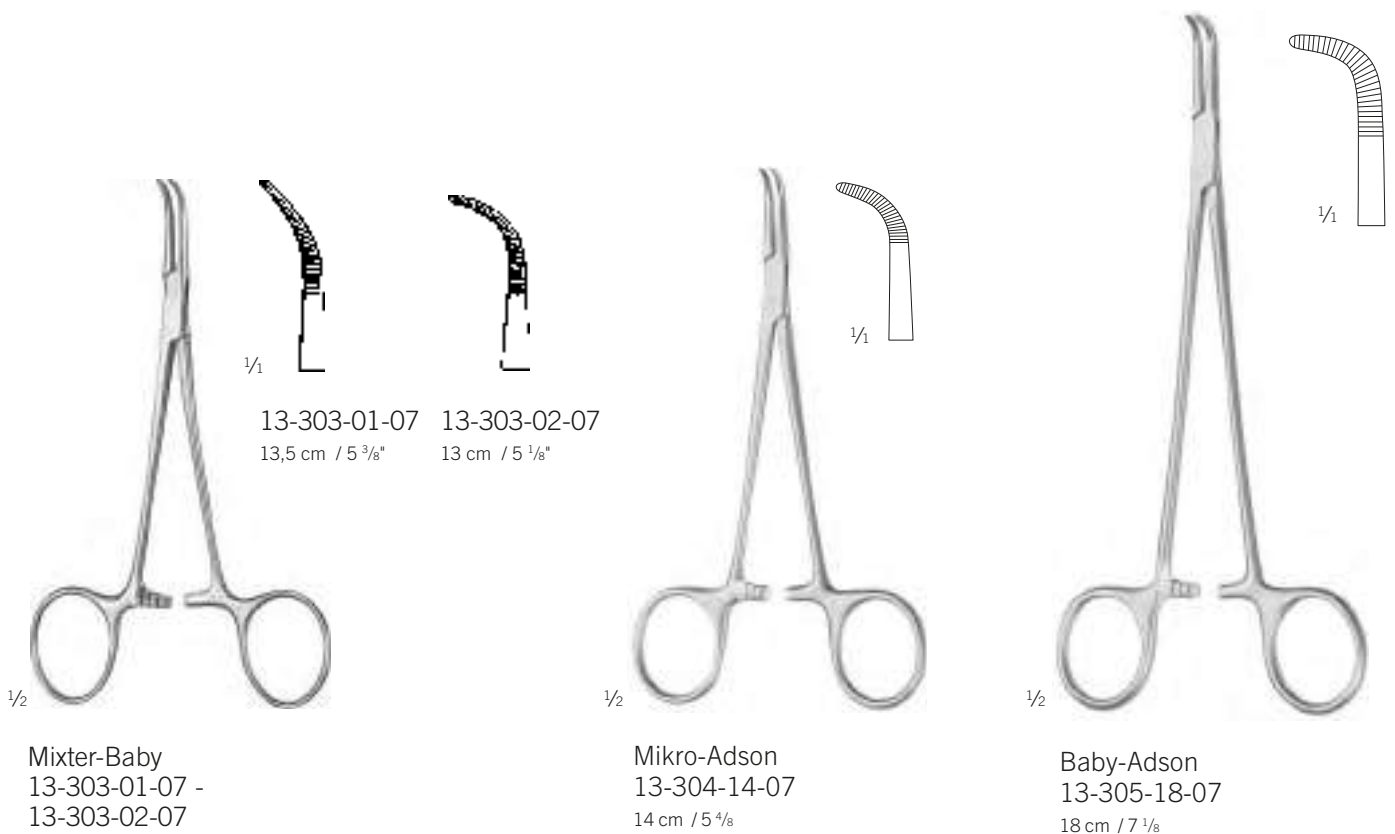
mit Sperre
with ratchet
con cremallera
avec cremaillère
con cremagliera



13-102-04-07 -
13-102-10-07

Arterienklemmen

Haemostatic Forceps
Pinzas hemostáticas
Pinces hémostatiques
Pinze emostatiche



Arterienklemmen

Haemostatic Forceps
Pinzas hemostáticas
Pincas hémostatiques
Pinze emostatiche

Klemmen

Forceps
Pinzas
Pincas
Pinze



1/2

Halsted-Mosquito
13-316-18-07 -
13-319-21-07

1/1



13-316-18-07
18,5 cm / 7 2/8"



13-316-21-07
21 cm / 8 2/8"



13-317-18-07
18 cm / 7 1/8"



13-317-21-07
20,5 cm / 8 1/8"

1/1



13-318-18-07
18,5 cm / 7 2/8"



13-318-21-07
21 cm / 8 2/8"



13-319-18-07
18 cm / 7 1/8"



13-319-21-07
20,5 cm / 8 1/8"



1:2



1:2



1:2



1:2

Arterienklemmen

Haemostatic Forceps
Pinzas hemostáticas
Pinces hémostatiques
Pinze emostatiche



1/1

13-324-14-07
14 cm / 5 4/8"



13-325-14-07
13,5 cm / 5 3/8"

Providence-Hospital
13-324-14-07 -
13-325-14-07



1/1

13-330-14-07
14,5 cm / 5 6/8"



13-331-14-07
14 cm / 5 4/8"

Kelly
13-330-14-07 -
13-331-14-09



1/1

13-334-16-07

13-335-16-07

Kelly-Rankin
13-334-16-07 -
13-335-16-07
16 cm / 6 2/8"

Arterienklemmen

Haemostatic Forceps
Pinzas hemostáticas
Pincès hémostatiques
Pinze emostatiche

Klemmen

Forceps
Pinzas
Pincès
Pinze



1/1

13-340-14-07



13-341-14-07



13-342-14-07



13-343-14-07



1:2



1:2

Crile
13-340-14-07 -
13-343-14-07

14,5 cm / 5 7/8"

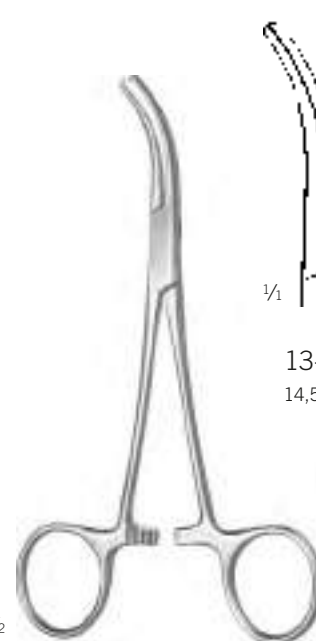


1/1

13-346-16-07



13-347-16-07



1/1

13-355-14-07

14,5 cm / 5 6/8"



13-357-14-07

14 cm / 5 4/8"



1:2

Crile-Rankin
13-346-16-07 -
13-347-16-07

16 cm / 6 2/8"

Dandy
13-355-14-07 -
13-357-14-07

seitlich gebogen
laterally curved
curva lateralmente
courbe lateralement
curva laterale

Arterienklemmen

Haemostatic Forceps
Pinzas hemostáticas
Pinces hémostatiques
Pinze emostatiche



1/2

Pean
13-374-13-07 -
13-375-16-07

13-374-13-07 13,5 cm / 5 3/8"	13-374-14-07 14,5 cm / 5 6/8"	13-374-16-07 17 cm / 6 6/8"	13-375-13-07 13 cm / 5 1/8"	13-375-14-07 14 cm / 5 4/8"	13-375-16-07 16,5 cm / 6 4/8"

1/1



1/2

Kocher
13-384-13-07 -
13-385-16-07

13-384-13-07 13 cm / 5 1/8"	13-384-14-07 14 cm / 5 4/8"	13-384-16-07 16 cm / 6 2/8"	13-385-13-07 13 cm / 5 1/8"	13-385-14-07 14 cm / 5 4/8"	13-385-16-07 16 cm / 6 2/8"
1:2	1:2	1:2	1:2	1:2	1:2

1/1

Arterienklemmen

Haemostatic Forceps
Pinzas hemostáticas
Pincas hémostatiques
Pinze emostatiche

Klemmen

Forceps
Pinzas
Pincas
Pinze



$\frac{1}{1}$



13-410-14-07
14,5 cm / 5 $\frac{6}{8}$ "



13-410-16-07
16,5 cm / 6 $\frac{4}{8}$ "



13-410-18-07
18,5 cm / 7 $\frac{2}{8}$ "

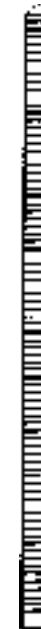


13-410-20-07
20,5 cm / 8 $\frac{1}{8}$ "

$\frac{1}{1}$



13-410-22-07
22,5 cm / 8 $\frac{7}{8}$ "



13-410-24-07
24 cm / 9 $\frac{4}{8}$ "



13-410-26-07
26 cm / 10 $\frac{2}{8}$ "



13-410-30-07
31 cm / 12 $\frac{2}{8}$ "

$\frac{1}{2}$



Pean (Rochester)
13-410-14-07 -
13-410-30-07

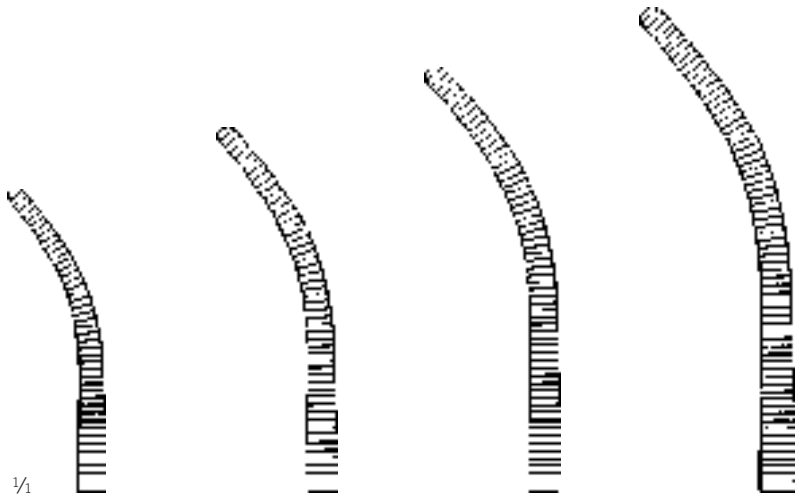
Arterienklemmen

Haemostatic Forceps

Pinzas hemostáticas

Pinces hémostatiques

Pinze emostatiche



$\frac{1}{4}$

13-411-14-07
14 cm / 5 $\frac{4}{8}$ "

13-411-16-07
16,5 cm / 6 $\frac{4}{8}$ "

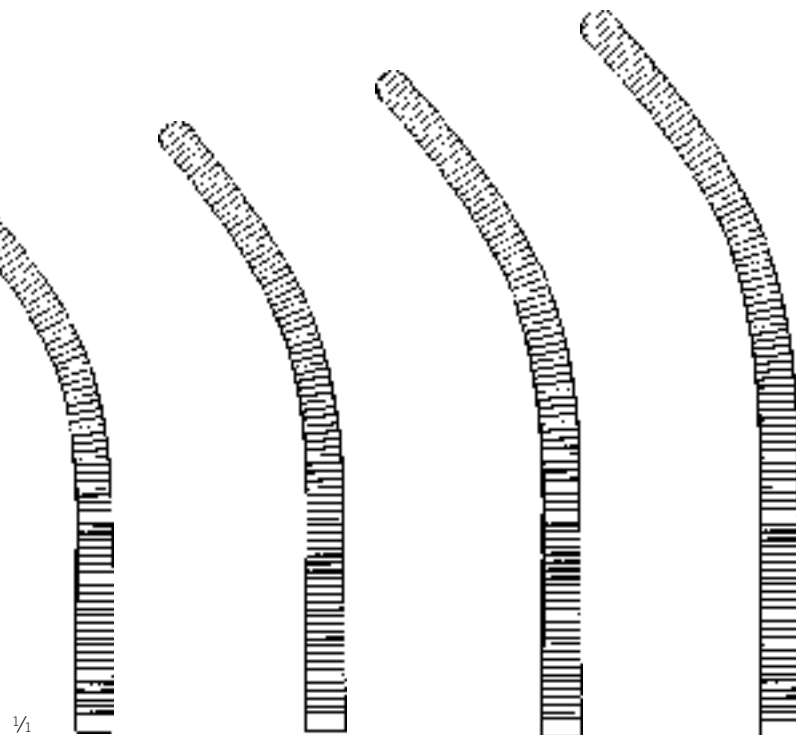
13-411-18-07
18,5 cm / 7 $\frac{2}{8}$ "

13-411-20-07
20,5 cm / 8 $\frac{1}{8}$ "



$\frac{1}{2}$

Pean (Rochester)
13-411-14-07 -
13-411-30-07



$\frac{1}{4}$

13-411-22-07
22 cm / 8 $\frac{5}{8}$ "

13-411-24-07
24 cm / 9 $\frac{4}{8}$ "

13-411-26-07
26 cm / 10 $\frac{2}{8}$ "

13-411-30-07
30,5 cm / 12"

Arterienklemmen

Haemostatic Forceps
Pinzas hemostáticas
Pincas hémostatiques
Pinze emostatiche

Klemmen

Forceps
Pinzas
Pincas
Pinze



1/1



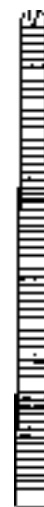
13-414-14-07
14,5 cm / 5 ⁶/₈"



13-414-16-07
16,5 cm / 6 ⁴/₈"



13-414-18-07
18,5 cm / 7 ²/₈"



13-414-20-07
20,5 cm / 8 ¹/₈"



1/2

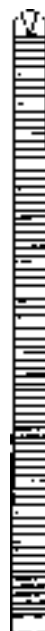


Kocher (Ochsner)
13-414-14-07 -
13-414-30-07

1/1



13-414-22-07
22,5 cm / 8 ⁷/₈"



13-414-24-07
24 cm / 9 ⁴/₈"



13-414-26-07
26 cm / 10 ²/₈"



13-414-30-07
31 cm / 12 ²/₈"



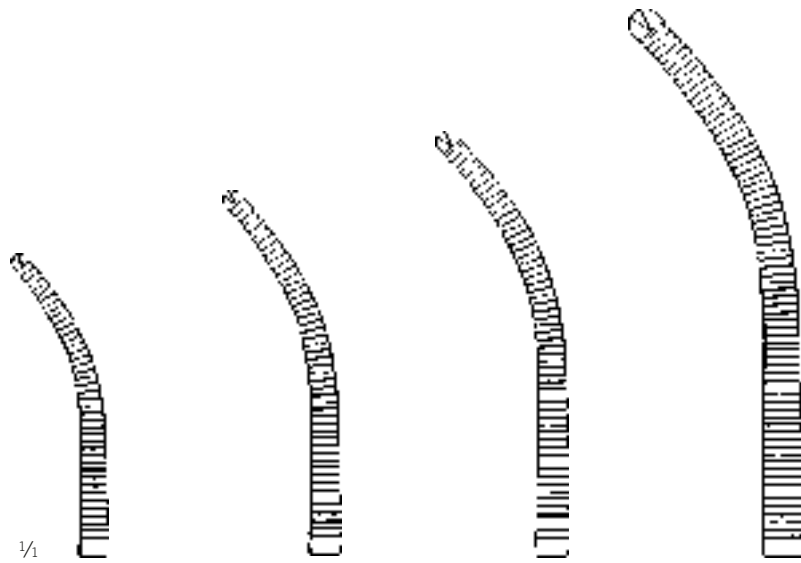
Arterienklemmen

Haemostatic Forceps

Pinzas hemostáticas

Pinces hémostatiques

Pinze emostatiche



13-415-14-07

14 cm / 5 ⁴/₈"



13-415-16-07

16,5 cm / 6 ⁴/₈"



13-415-18-07

18,5 cm / 7 ²/₈"



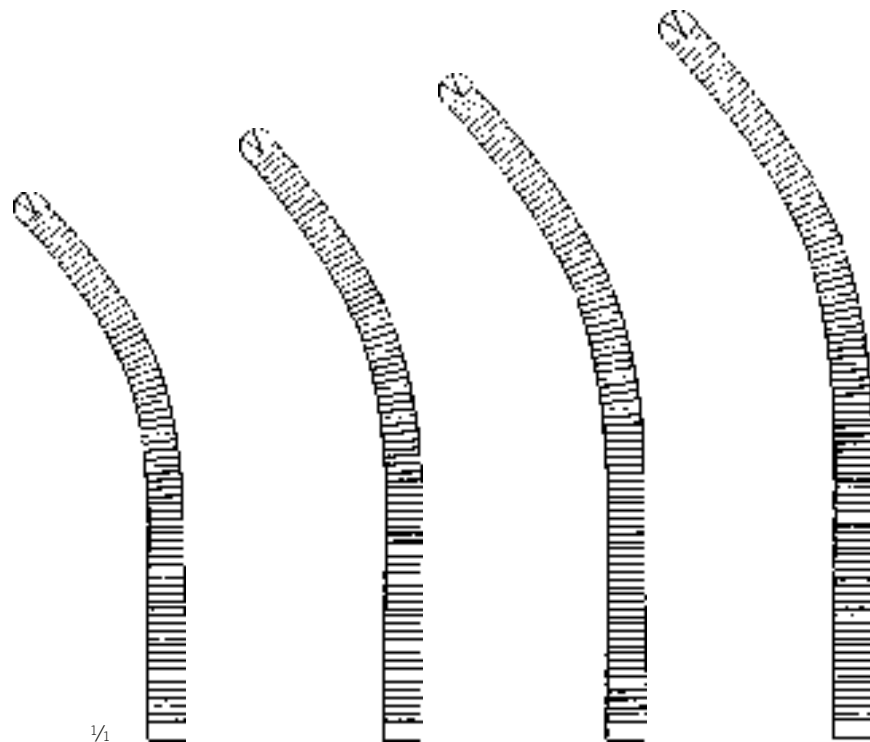
13-415-20-07

20 cm / 7 ⁷/₈"



1/2

Kocher (Ochsner)
13-415-14-07 -
13-415-30-07



13-415-22-07

22,5 cm / 8 ⁷/₈"



13-415-24-07

24 cm / 9 ⁴/₈"



13-415-26-07

26 cm / 10 ²/₈"



13-415-30-07

30,5 cm / 12"



Arterienklemmen, Präparierklemmen

Haemostatic Forceps, Dissecting and Ligature Forceps
Pinzas hemostáticas, Pinzas para preparación y ligadura
Pincas hémostatiques, Pincas à dissecquer et à ligatures
Pinze emostatiche, Pinze per preparazioni e legature

Klemmen

Forceps
Pinzas
Pincas
Pinze



Mixer-Baby
13-419-18-07
18,5 cm / 7 ²/₈"



Adson-Baby
13-421-14-07 -
13-421-18-07



13-421-14-07
14,5 cm / 5 ⁶/₈"



13-421-18-07
18 cm / 7 ¹/₈"

Präparierklemmen

Dissecting and Ligature Forceps
Pinzas para preparación y ligadura
Pinces à disséquer et à ligatures
Pinze per preparazioni e legature



1/1

Fig. 1
13-443-01-07
20,5 cm / 8 1/8"

13-447-01-07
27 cm / 10 5/8"



Fig. 2
13-443-02-07
20 cm / 7 7/8"

13-447-02-07
26,5 cm / 10 3/8"



Fig. 3
13-443-03-07
21,5 cm / 8 4/8"

13-447-03-07
27,5 cm / 10 7/8"

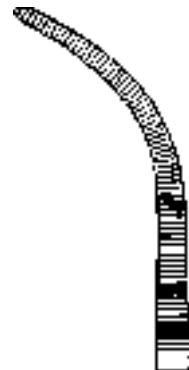
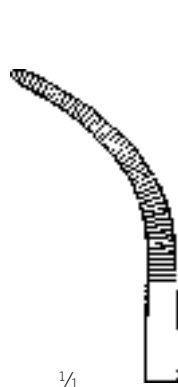


Fig. 4
13-443-04-07
22 cm / 8 5/8"

13-447-04-07
28 cm / 11"



1/1

Fig. 5
13-443-05-07
21,5 cm / 8 4/8"

13-447-05-07
27,5 cm / 10 7/8"



Fig. 6
13-443-06-07
21,5 cm / 8 2/8"

13-447-06-07
28 cm / 11"



Fig. 7
13-443-07-07
22 cm / 8 5/8"

13-447-07-07
27,5 cm / 10 7/8"



1/2

Overholt-Geissendörfer
13-443-01-07 -
13-447-07-07

Präparierklemmen

Dissecting and Ligature Forceps
Pinzas para preparación y ligadura
Pincers à disséquer et à ligatures
Pinze per preparazioni e legature

Klemmen

Forceps
Pinzas
Pincers
Pinze



1/2

Gemini
13-451-13-07 -
13-451-28-07

1/4



13-451-13-07
13 cm / 5 1/8"



13-451-16-07
16 cm / 6 2/8"



13-451-18-07
18 cm / 7 1/8"



13-451-20-07
21 cm / 8 2/8"

1/4



13-451-23-07
23 cm / 9"



13-451-25-07
25 cm / 9 7/8"



13-451-28-07
28 cm / 11"



1/2

Mini-Gemini
13-453-18-07 -
13-453-28-07

1/4



13-453-18-07
18 cm / 7 1/8"



13-453-22-07
23 cm / 9"



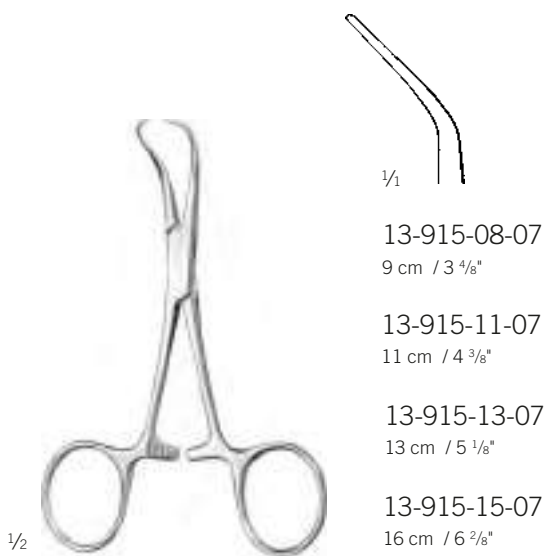
13-453-25-07
25 cm / 9 7/8"



13-453-28-07
28,5 cm / 11 2/8"

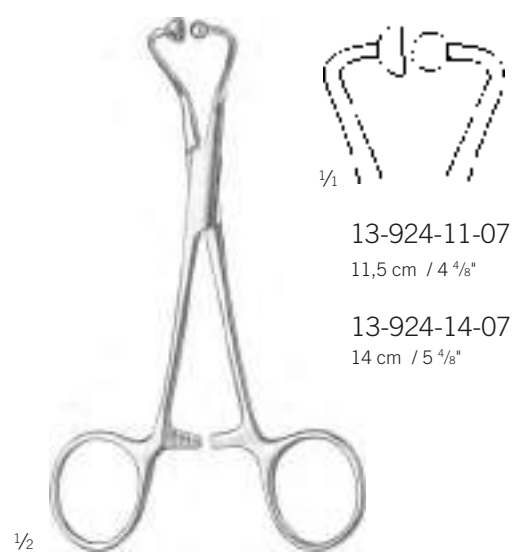
Tuchklemmen

Towel Clamps
Pinzas de campo
Pinces à champs
Pinze fissatele



Backhaus
13-915-08-07 -
13-915-15-07

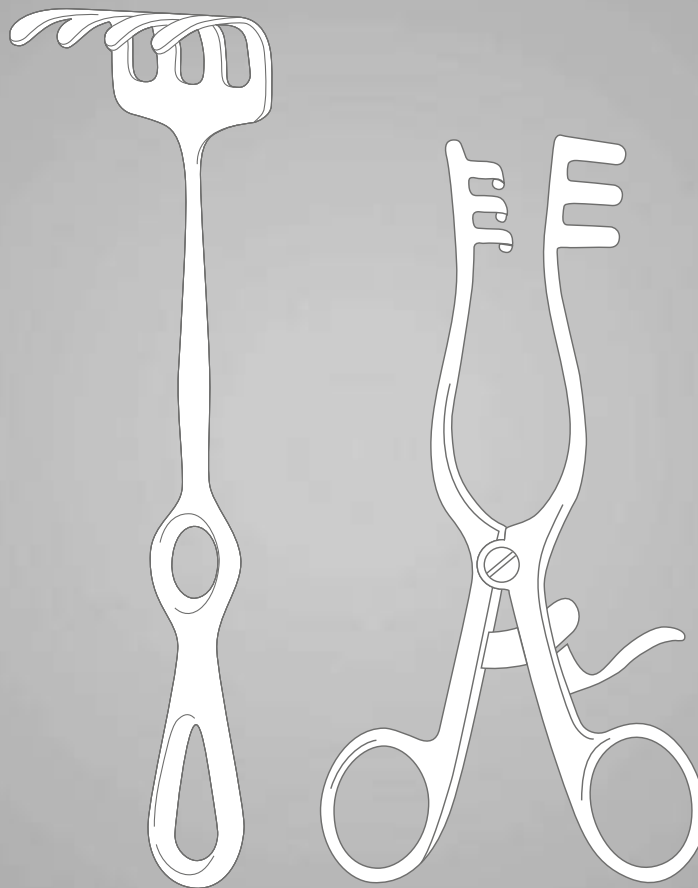
scharf
sharp
agudo
pointu
acuto



13-924-11-07 -
13-924-14-07

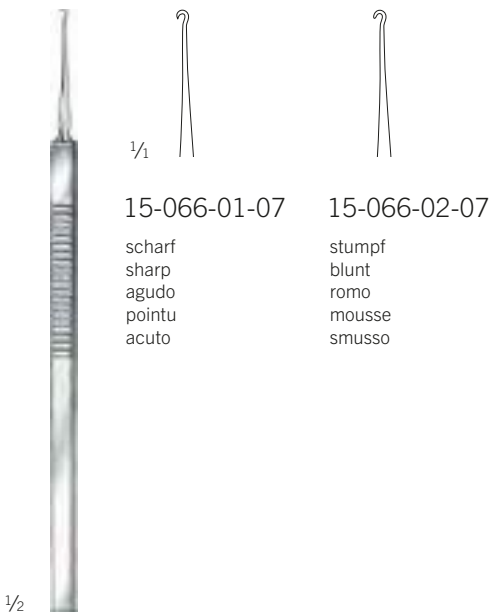
für Papierabdeckung
for paper drapes
para paños de papel
pour couverture en papier
per copertura di carta

Wundhaken, Halte- und Spreizsysteme
Retractors, Holding and spreading systems
Separadores, Sistemas de sujeción y dispersión
Ecarteurs, Systèmes de maintien et d'épandage
Divaricatori, Sistemi di tenuta e diffusione

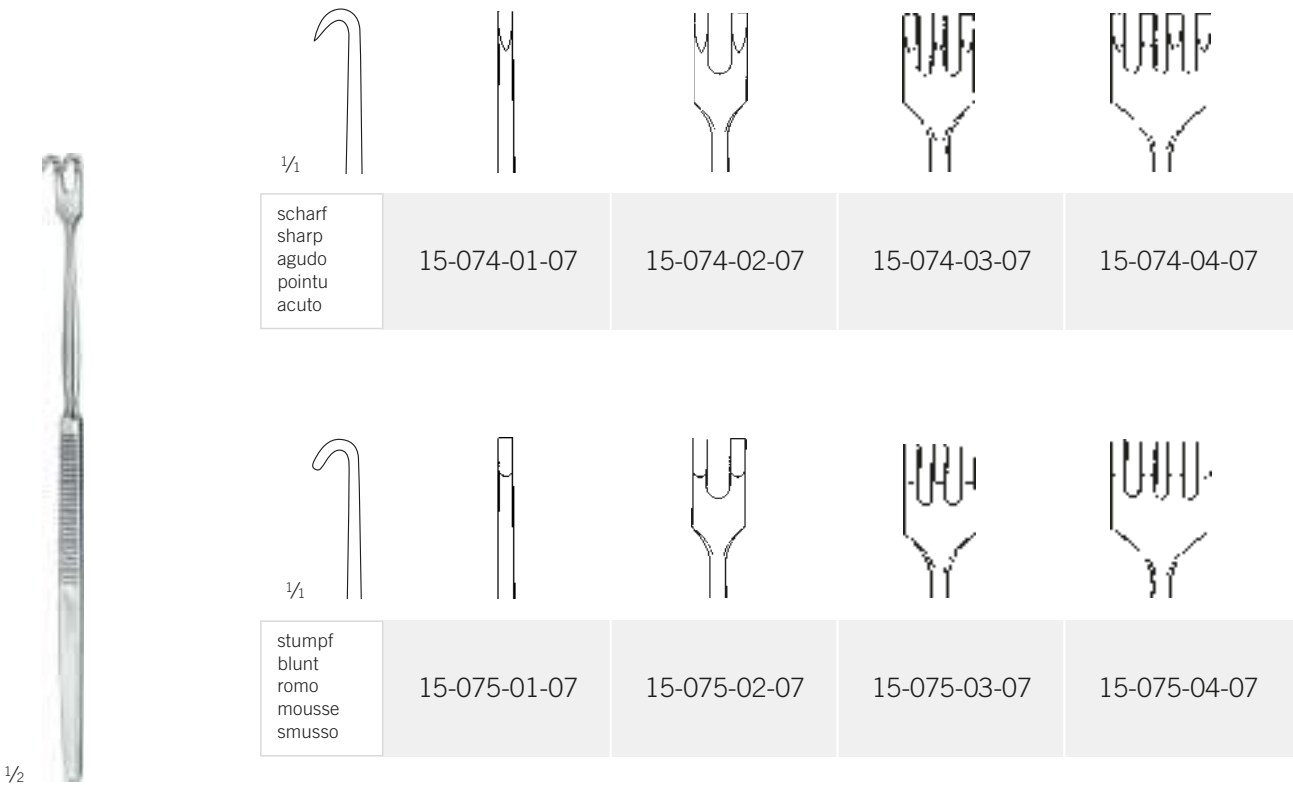


Hauthäkchen, Wundhäkchen

Skin Hooklets, Hooklets
Ganchitos para piel, Ganchitos
Erignes cutanées, Crochetes
Uncini cutanei, Divaricatori



Graefe
15-066-01-07 - 15-066-02-07
15 cm / 5 7/8"



15-074-01-07 -
15-075-04-07
16,5 cm / 6 4/8"

Sattelhäkchen, Wundhäkchen

Saddle Hooks, Hooklets

Ganchos en forma de silla, Ganchitos

Ecarteurs sous forme de selle, Crochetes

Divaricatori a forma di sella, Divaricatori

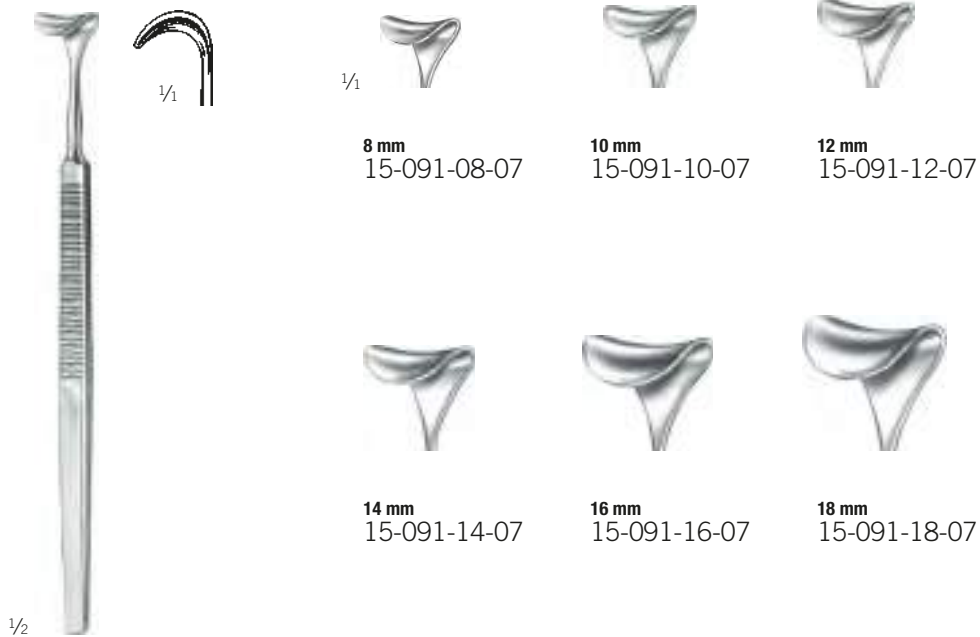
Wundhaken, Halte- und Spreizsysteme

Retractors, Holding and spreading systems

Separadores, Sistemas de sujeción y dispersión

Ecarteurs, Systèmes de maintien et d'épandage

Divaricatori, Sistemi di tenuta e diffusione



Desmarres
15-091-08-07 -
15-091-18-07
16 cm / 6 2/8"



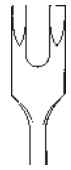
Langenbeck-Mini
15-095-10-07 -
15-095-22-07
16 cm / 6 2/8"

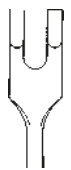
Wundhäkchen

Hooklets
Ganchitos
Crochetes
Divaricatori



1/2

 1/1				
scharf sharp agudo pointu acuto	15-100-01-07	15-100-02-07	15-100-03-07	15-100-04-07

 1/1				
stumpf blunt romo mousse smusso	15-101-01-07	15-101-02-07	15-101-03-07	15-101-04-07

15-100-01-07 -
15-101-04-07
16,5 cm / 6 4/8"



1/2



1/1

Fig. 1
15-161-01-07
20 x 6 mm



Fig. 2
15-161-02-07
10 x 6 mm

Senn-Green
15-161-01-07 -
15-161-02-07
16 cm / 6 2/8"

Sattelhäkchen

Saddle Hooks

Ganchos en forma de silla

Ecarteurs sous forme de selle

Divaricatori a forma di sella

Wundhaken, Halte- und Spreizsysteme

Retractors, Holding and spreading systems

Separadores, Sistemas de sujeción y dispersión

Ecarteurs, Systèmes de maintien et d'épandage

Divaricatori, Sistemi di tenuta e diffusione



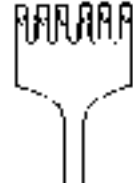
Cushing
15-171-08-07 -
15-171-18-07
20,5 cm / 8 1/8"



Cushing
15-172-08-07 -
15-172-18-07
24 cm / 9 4/8"

Wundhaken

Retractors
Separadores
Ecarteurs
Divaricatori



scharf
sharp
agudo
pointu
acuto

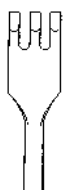
15-220-01-07

15-220-02-07

15-220-03-07

15-220-04-07

15-220-06-07



stumpf
blunt
romo
mousse
smusso

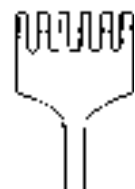
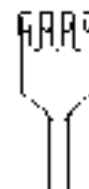
15-221-01-07

15-221-02-07

15-221-03-07

15-221-04-07

15-221-06-07



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

15-222-01-07

15-222-02-07

15-222-03-07

15-222-04-07

15-222-06-07



1/2

Volkmann
15-220-01-07 -
15-222-06-07
22,5 cm / 8 7/8"

Wundhaken

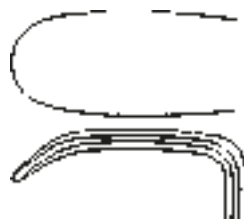
Retractors
Separadores
Ecarteurs
Divaricatori

Wundhaken, Halte- und Spreizsysteme

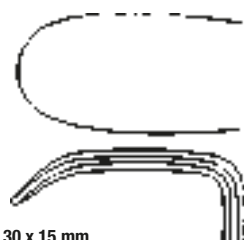
Retractors, Holding and spreading systems
Separadores, Sistemas de sujeción y dispersión
Ecarteurs, Systèmes de maintien et d'épandage
Divaricatori, Sistemi di tenuta e diffusione



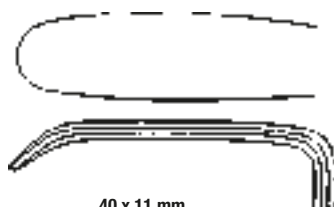
30 x 11 mm
15-293-01-07



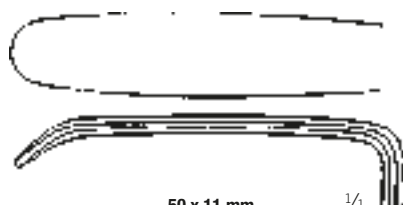
30 x 14 mm
15-293-02-07



30 x 15 mm
15-293-03-07



40 x 11 mm
15-293-04-07

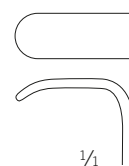


50 x 11 mm $\frac{1}{1}$
15-293-05-07



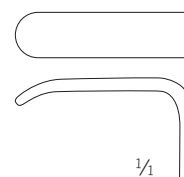
$\frac{1}{2}$

Langenbeck
15-293-01-07 -
15-293-05-07
22 cm / 8 $\frac{5}{8}$ "



$\frac{1}{1}$

6 x 16 mm
15-301-16-07



$\frac{1}{1}$

6 x 25 mm
15-301-25-07



$\frac{1}{2}$

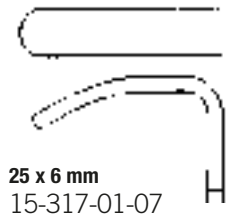
Langenbeck-Green
15-301-16-07 -
15-301-25-07
16 cm / 6 $\frac{2}{8}$ "

Wundhaken

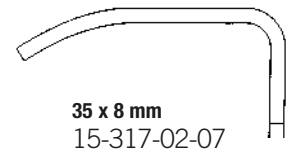
Retractors
Separadores
Ecarteurs
Divaricatori



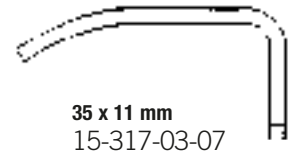
Kocher-Langenbeck
15-317-01-07 -
15-317-09-07
21,5 cm / 8 ⁴/₈"



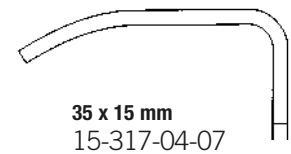
25 x 6 mm
15-317-01-07



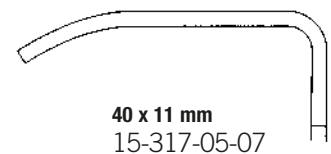
35 x 8 mm
15-317-02-07



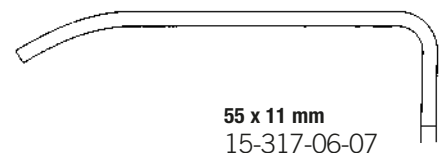
35 x 11 mm
15-317-03-07



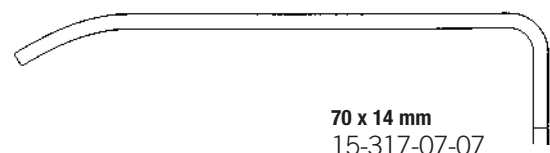
35 x 15 mm
15-317-04-07



40 x 11 mm
15-317-05-07



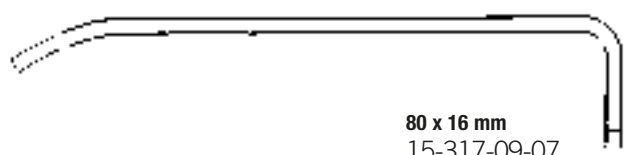
55 x 11 mm
15-317-06-07



70 x 14 mm
15-317-07-07



80 x 13 mm
15-317-08-07



80 x 16 mm
15-317-09-07

1/1

Wundhaken

Retractors
Separadores
Ecarteurs
Divaricatori

Wundhaken, Halte- und Spreizsysteme

Retractors, Holding and spreading systems
Separadores, Sistemas de sujeción y dispersión
Ecarteurs, Systèmes de maintien et d'épandage
Divaricatori, Sistemi di tenuta e diffusione



1/2

Roux
15-655-00-01 -
15-655-03-01



1/1

Fig. 1 - 3
15-655-00-01
17 cm / 6 6/8"
Satz
Set

Fig. 1

22 x 21 mm
27 x 29 mm
15-655-01-01
14,5 cm / 5 5/8"

Fig. 2

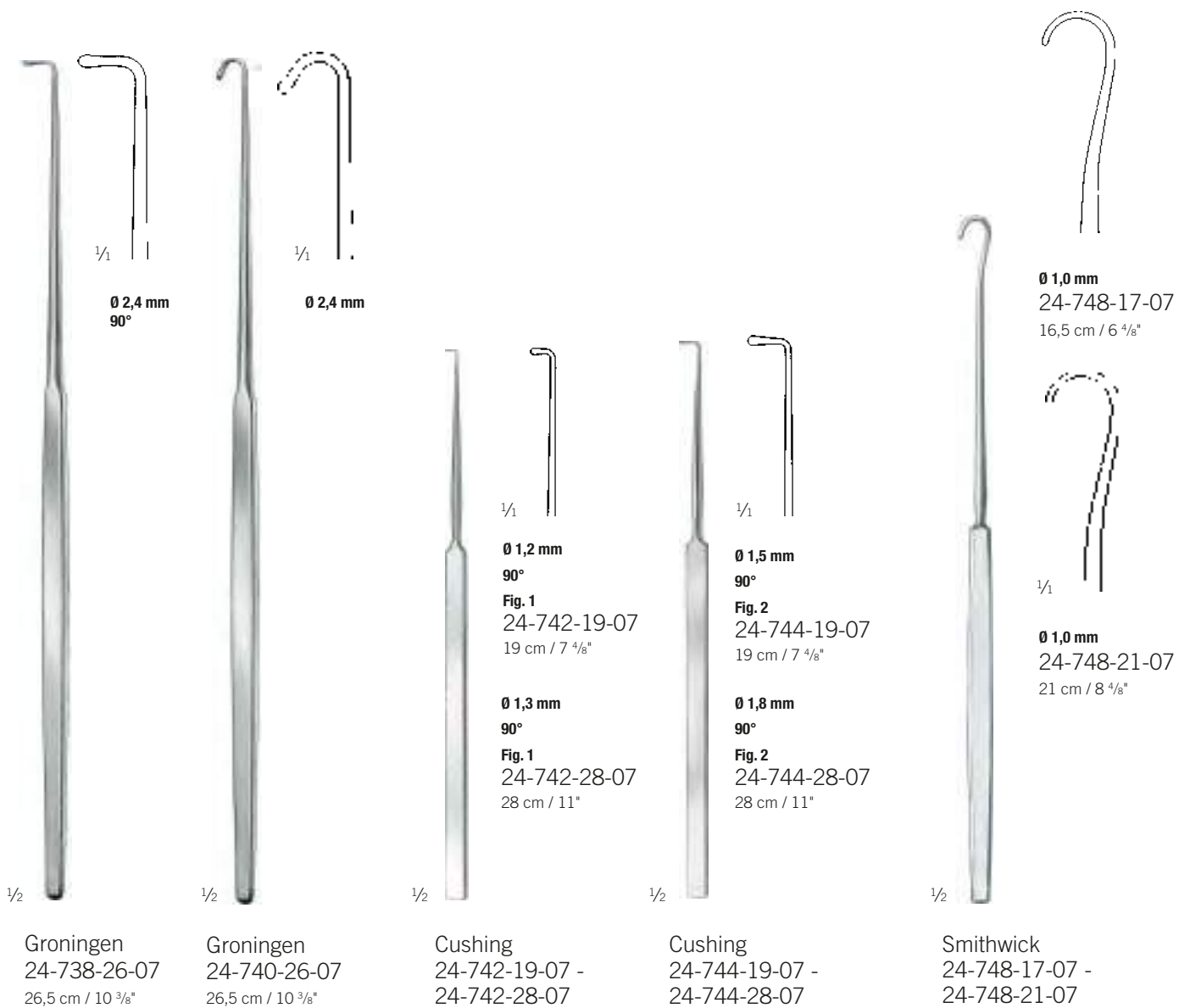
25 x 26 mm
30 x 38 mm
15-655-02-01
16 cm / 6 2/8"

Fig. 3

28 x 29 mm
33 x 43 mm
15-655-03-01
17 cm / 6 6/8"

Haken

Hooks
Ganchos
Crochets
Uncini

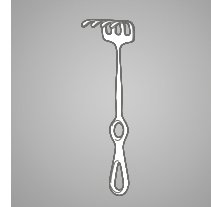


Haken

Hooks
Ganchos
Crochets
Uncini

Wundhaken, Halte- und Spreizsysteme

Retractors, Holding and spreading systems
Separadores, Sistemas de sujeción y dispersión
Ecarteurs, Systèmes de maintien et d'épandage
Divaricatori, Sistemi di tenuta e diffusione



Nasenhäkchen, Schleimhauthäkchen

Nasal Hooklets, Mucosa Hooklet

Ganchitos nasales, Ganchito para mucosa

Crochets nasaux, Crochet pour la muqueuse

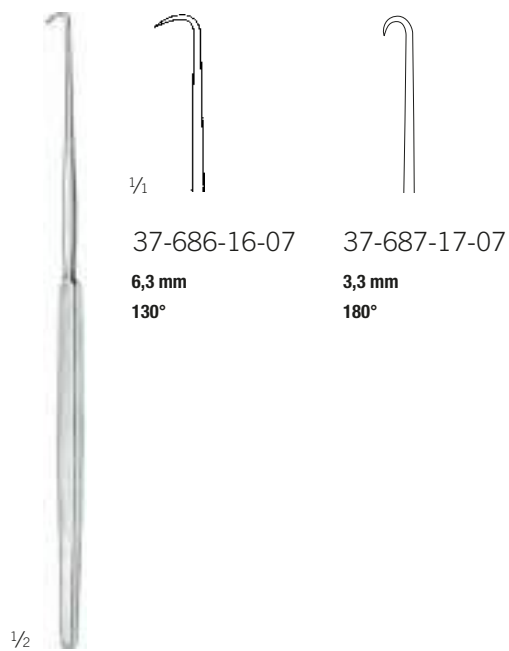
Uncini nasali, Uncino per mucosa



Joseph
37-684-15-07

15,5 cm / 6 1/8"

Schleimhauthäkchen, scharf
Mucosa hooklet, sharp
Ganchito para mucosa, agudo
Crochet pour la muqueuse, pointu
Uncino per mucosa, acuto



Cottle
37-686-16-07 - 37-687-17-07

17 cm / 6 1/8"

scharf
sharp
agudo
pointu
acuto



Freer
37-702-15-07

15 cm / 5 7/8"

scharf
sharp
agudo
pointu
acuto

Schleimhauthäkchen

Mucosa Hooklet

Ganchito para mucosa

Crochet pour la muqueuse

Uncino per mucosa

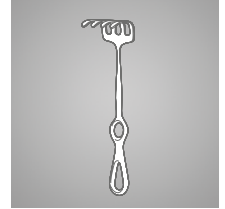
Wundhaken, Halte- und Spreizsysteme

Retractors, Holding and spreading systems

Separadores, Sistemas de sujeción y dispersión

Ecarteurs, Systèmes de maintien et d'épandage

Divaricatori, Sistemi di tenuta e diffusione



$\frac{1}{1}$



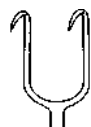
37-704-02-07

2 mm



37-704-05-07

5 mm



37-704-07-07

7 mm



37-704-10-07

10 mm

$\frac{1}{2}$

Joseph

37-704-02-07 - 37-704-10-07

16 cm / 6 $\frac{1}{8}$ "

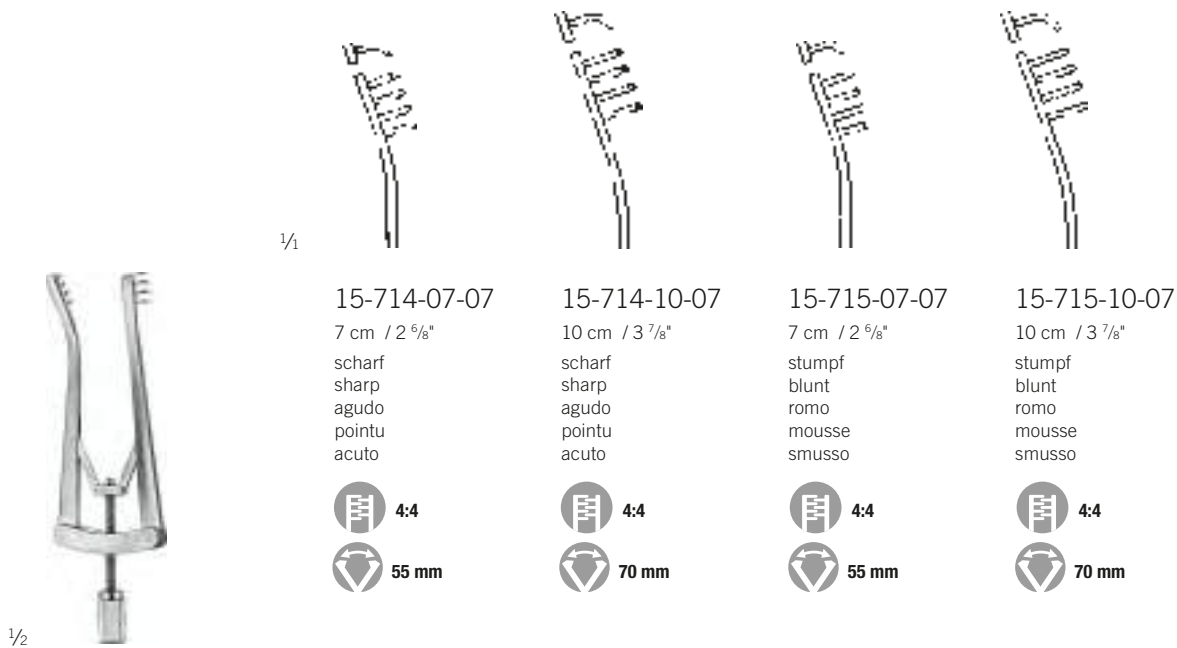
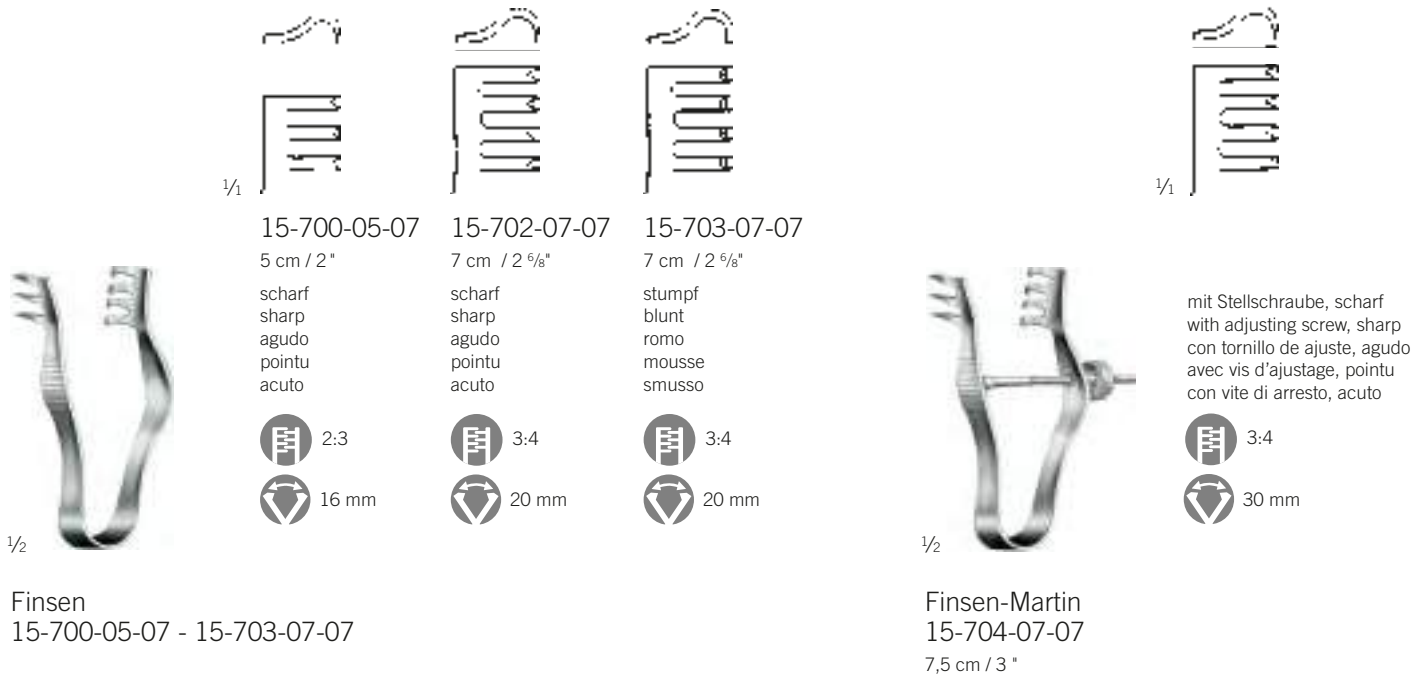
Wundspreizer, selbsthaltend

Wound Spreaders, self-retaining

Separadores autoestáticos

Ecarteurs autostatiques

Divaricatori autostatici



Wundspreizer, selbsthaltend

Wound Spreaders, self-retaining

Separadores autoestáticos

Ecarteurs autostatiques

Divaricatori autostatici

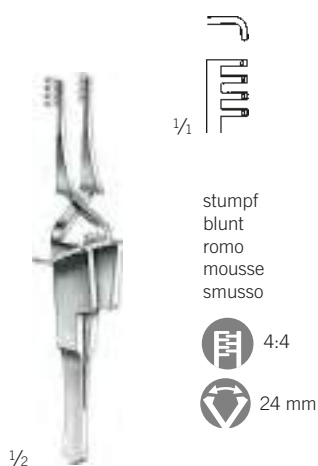
Wundhaken, Halte- und Spreizsysteme

Retractors, Holding and spreading systems

Separadores, Sistemas de sujeción y dispersión

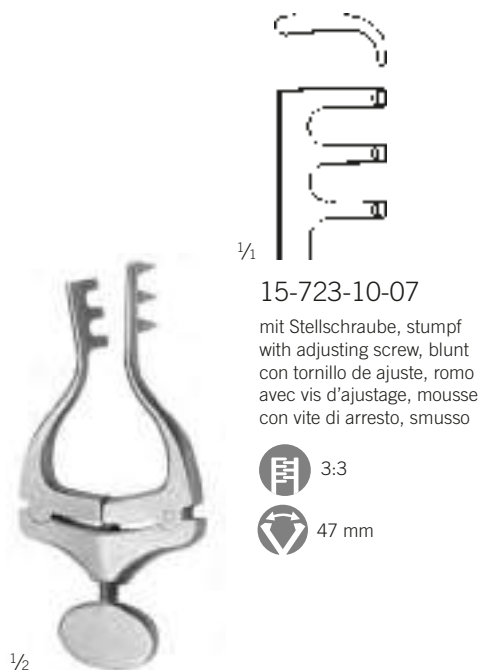
Ecarteurs, Systèmes de maintien et d'épandage

Divaricatori, Sistemi di tenuta e diffusione



15-717-10-07

10 cm / 3 7/8"



Jansen

15-723-10-07 - 15-723-20-07

10 cm / 3 7/8"



Wundspreizer, selbsthaltend

Wound Spreaders, self-retaining

Separadores autoestáticos

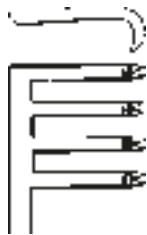
Ecarteurs autostatiques

Divaricatori autostatici



Scalp-Contour
15-725-14-07 -
15-727-14-07
13,5 cm / 5 3/8"

1/1



15-725-14-07

13,5 cm / 5 3/8"

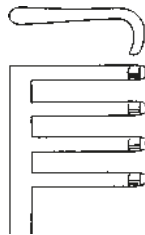
scharf
sharp
agudo
pointu
acuto



3:4



55 mm



15-727-14-07

13,5 cm / 5 3/8"

stumpf
blunt
romo
mousse
smusso



3:4



55 mm

Wundspreizer, selbsthaltend

Wound Spreaders, self-retaining

Separadores autoestáticos

Ecarteurs autostatiques

Divaricatori autostatici

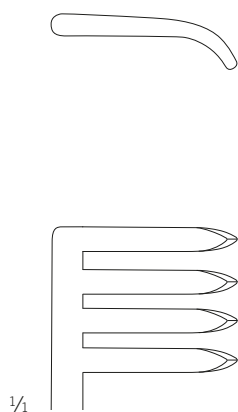
Wundhaken, Halte- und Spreizsysteme

Retractors, Holding and spreading systems

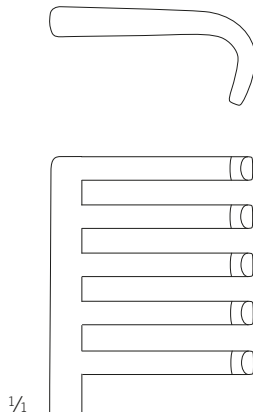
Separadores, Sistemas de sujeción y dispersión

Ecarteurs, Systèmes de maintien et d'épandage

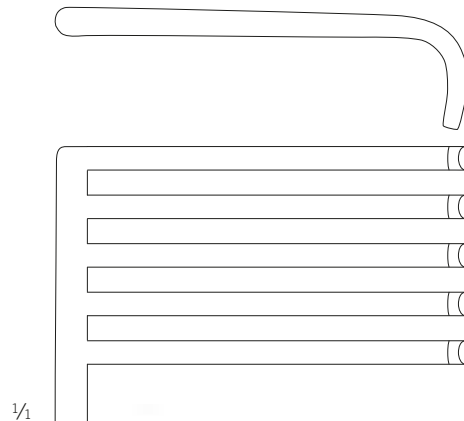
Divaricatori, Sistemi di tenuta e diffusione



1/1



1/1



1/1



1/2

Anderson-Adson
15-732-20-07

19 cm / 7 4/8"

scharf
sharp
agudo
pointu
acuto



4:4



84 mm



1/2

Travers
15-733-21-07

21,5 cm / 8 4/8"

stumpf
blunt
romo
mousse
smusso



4:5



95 mm



1/2

Norfolk-Norwich
15-733-22-07

22 cm / 8 5/8"

stumpf
blunt
romo
mousse
smusso



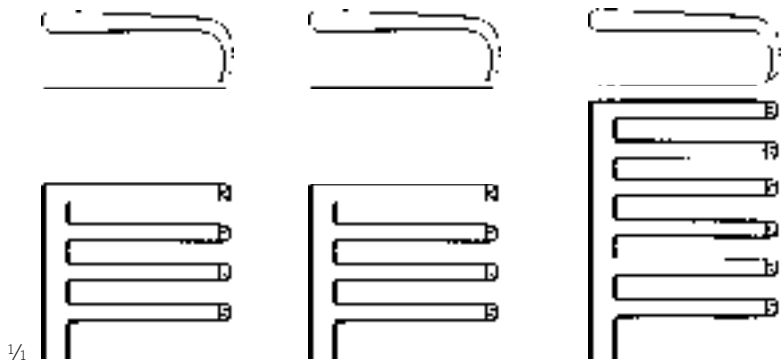
4:5



110 mm

Wundspreizer, selbsthaltend

Wound Spreaders, self-retaining
Separadores autoestáticos
Ecarteurs autostatiques
Divaricatori autostatici

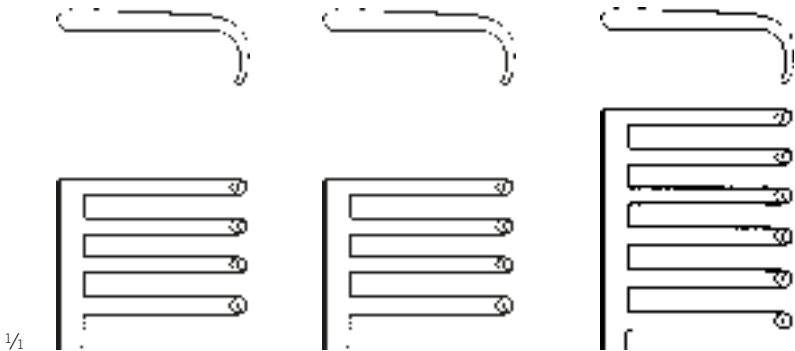


scharf sharp agudo pointu acuto		15-734-20-07	15-734-24-07	15-734-26-07
		20 cm / 7 7/8"	24 cm / 9 4/8"	25,5 cm / 10"
		3:4	3:4	5:6
		90 mm	90 mm	90 mm



1/2

Weitlaner
15-734-20-07 -
15-735-26-07



stumpf blunt romo mousse smusso		15-735-20-07	15-735-24-07	15-735-26-07
		20 cm / 7 7/8"	24 cm / 9 4/8"	25,5 cm / 10"
		3:4	3:4	5:6
		90 mm	90 mm	90 mm

Wundspreizer, selbsthaltend

Wound Spreaders, self-retaining

Separadores autoestáticos

Ecarteurs autostatiques

Divaricatori autostatici

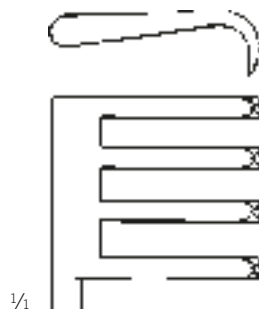
Wundhaken, Halte- und Spreizsysteme

Retractors, Holding and spreading systems

Separadores, Sistemas de sujeción y dispersión

Ecarteurs, Systèmes de maintien et d'épandage

Divaricatori, Sistemi di tenuta e diffusione



1/1

15-736-26-07

26 cm / 10 ²/₈"

scharf

sharp

agudo

pointu

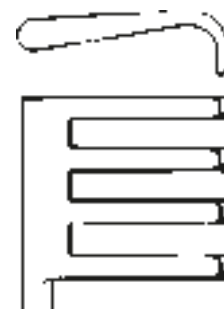
acuto



3:4



100 mm



15-737-26-07

26 cm / 10 ²/₈"

stumpf

blunt

romo

mousse

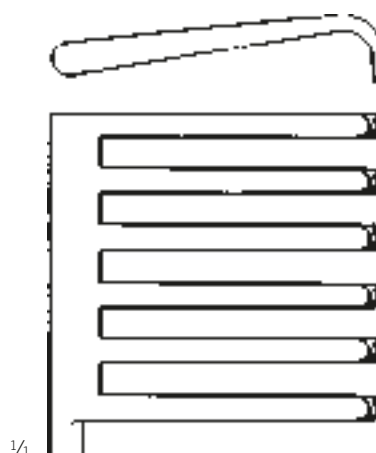
smusso



3:4



100 mm



1/1

15-738-26-07

29 cm / 11 ³/₈"

scharf

sharp

agudo

pointu

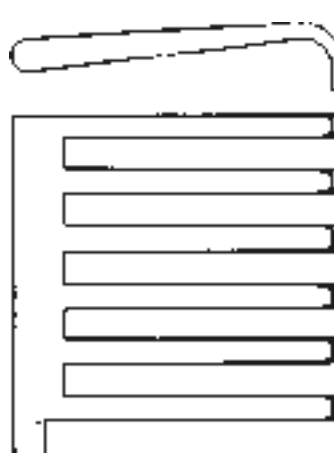
acuto



6:6



110 mm



15-739-26-07

29 cm / 11 ³/₈"

stumpf

blunt

romo

mousse

smusso



6:6



110 mm



1/2

Adson

15-736-26-07 -

15-739-26-07

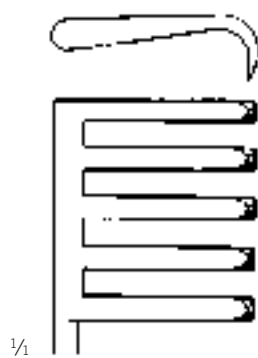
Wundspreizer, selbsthaltend

Wound Spreaders, self-retaining

Separadores autoestáticos

Ecarteurs autostatiques

Divaricatori autostatici



15-738-25-07

scharf
sharp
agudo
pointu
acuto



5:6



110 mm



15-739-25-07

stumpf
blunt
romo
mousse
smusso



5:6



110 mm

15-738-25-07 -
15-739-25-07
25,5 cm / 10"

Wundspreizer, selbsthaltend

Wound Spreaders, self-retaining

Separadores autoestáticos

Ecarteurs autostatiques

Divaricatori autostatici

Wundhaken, Halte- und Spreizsysteme

Retractors, Holding and spreading systems

Separadores, Sistemas de sujeción y dispersión

Ecarteurs, Systèmes de maintien et d'épandage

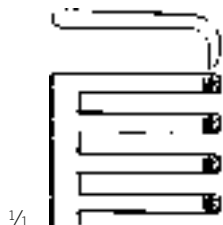
Divaricatori, Sistemi di tenuta e diffusione



1/2

15-740-13-07 -
15-741-13-07

13,5 cm / 5 3/8"



1/1

15-740-13-07

scharf

sharp

agudo

pointu

acuto



3:4



43 mm



15-741-13-07

stumpf

blunt

romo

mousse

smusso



3:4



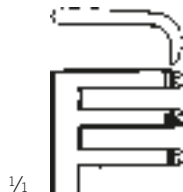
43 mm



1/2

Weitlaner
15-748-10-07 -
15-749-10-07

11 cm / 4 3/8"



1/1

15-748-10-07

scharf

sharp

agudo

pointu

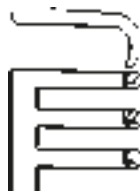
acuto



2:3



40 mm



15-749-10-07

stumpf

blunt

romo

mousse

smusso



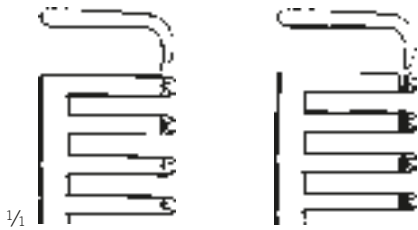
2:3



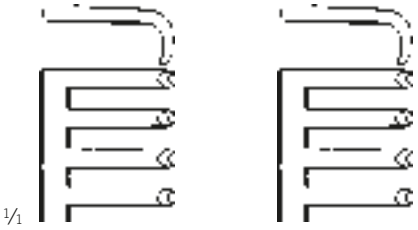
40 mm

Wundspreizer, selbsthaltend

Wound Spreaders, self-retaining
Separadores autoestáticos
Ecarteurs autostatiques
Divaricatori autostatici



scharf sharp agudo pointu acuto		15-750-13-07	15-750-16-07
		13,5 cm / 5 3/8"	16 cm / 6 2/8"
		43 mm	83 mm
		3:4	3:4



stumpf blunt romo mousse smusso		15-751-13-07	15-751-16-07
		13,5 cm / 5 3/8"	16 cm / 6 2/8"
		43 mm	83 mm
		3:4	3:4



Weitlaner
15-750-13-07 -
15-751-16-07

Wundspreizer, selbsthaltend

Wound Spreaders, self-retaining

Separadores autoestáticos

Ecarteurs autostatiques

Divaricatori autostatici

Wundhaken, Halte- und Spreizsysteme

Retractors, Holding and spreading systems

Separadores, Sistemas de sujeción y dispersión

Ecarteurs, Systèmes de maintien et d'épandage

Divaricatori, Sistemi di tenuta e diffusione

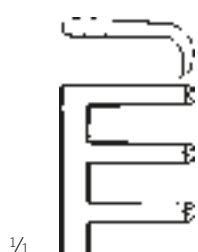


Weitlaner-Wullstein

15-752-13-07 -

15-753-13-07

13 cm / 5 1/8"



15-752-13-07

scharf

sharp

agudo

pointu

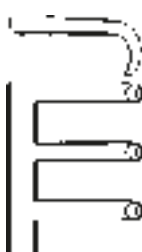
acuto



3:3



40 mm



15-753-13-07

stumpf

blunt

romo

mousse

smusso



3:3



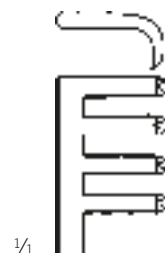
40 mm



Mollison

15-754-15-07

15,5 cm / 6 1/8"



scharf

sharp

agudo

pointu

acuto



4:4



80 mm

Wundspreizer, selbsthaltend

Wound Spreaders, self-retaining

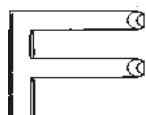
Separadores autoestáticos

Ecarteurs autostatiques

Divaricatori autostatici



1/1



15-755-13-07

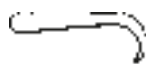
stumpf
blunt
romo
mousse
smusso



2:2



37 mm



15-756-13-07

scharf
sharp
agudo
pointu
acuto



2:2



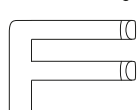
37 mm

1/2

Plester
15-755-13-07 -
15-756-13-07
13 cm / 5 1/8"



1/1



1/2

Plester
15-757-11-07
10,5 cm / 4 1/8"

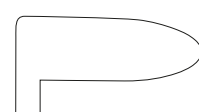
stumpf
blunt
romo
mousse
smusso



37 mm



1/1



1/2

Plester
15-759-11-07
10,5 cm / 4 1/8"

stumpf
blunt
romo
mousse
smusso



37 mm

Wundspreizer, selbsthaltend

Wound Spreaders, self-retaining

Separadores autoestáticos

Ecarteurs autostatiques

Divaricatori autostatici

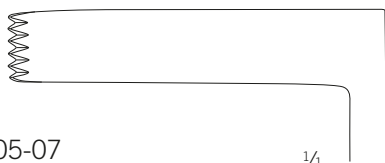
Wundhaken, Halte- und Spreizsysteme

Retractors, Holding and spreading systems

Separadores, Sistemas de sujeción y dispersión

Ecarteurs, Systèmes de maintien et d'épandage

Divaricatori, Sistemi di tenuta e diffusione



15-762-05-07

50 x 10 mm

Valve links voll

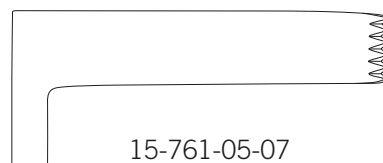
Blade left full

Valva a la izquierda plena

Valve sur le bras à gauche

Valva sul braccio sinistro

1/1



15-761-05-07

50 x 10 mm

Valve rechts voll

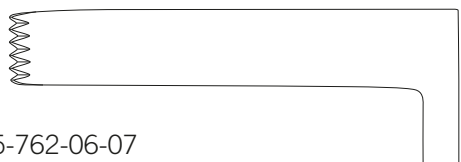
Blade rightfull

Valva a la derecha plena

Valve sur le bras à droite

Valva sul braccio destro

1/1



15-762-06-07

60 x 10 mm

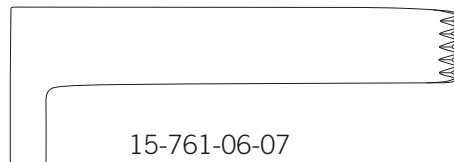
Valve links voll

Blade left full

Valva a la izquierda plena

Valve sur le bras à gauche

Valva sul braccio sinistro



15-761-06-07

60 x 10 mm

Valve rechts voll

Blade rightfull

Valva a la derecha plena

Valve sur le bras à droite

Valva sul braccio destro



15-762-07-07

70 x 10 mm

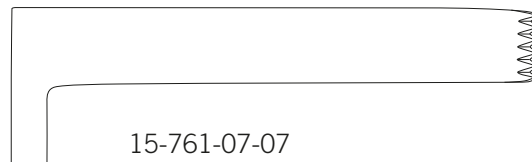
Valve links voll

Blade left full

Valva a la izquierda plena

Valve sur le bras à gauche

Valva sul braccio sinistro



15-761-07-07

70 x 10 mm

Valve rechts voll

Blade rightfull

Valva a la derecha plena

Valve sur le bras à droite

Valva sul braccio destro



1/2

Williams

15-761-05-07 -

15-762-07-07

17 cm / 6 5/8"

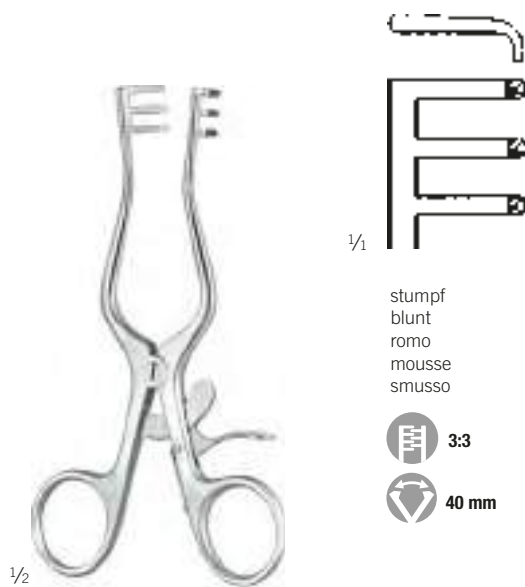
Wundspreizer, selbsthaltend

Wound Spreaders, self-retaining

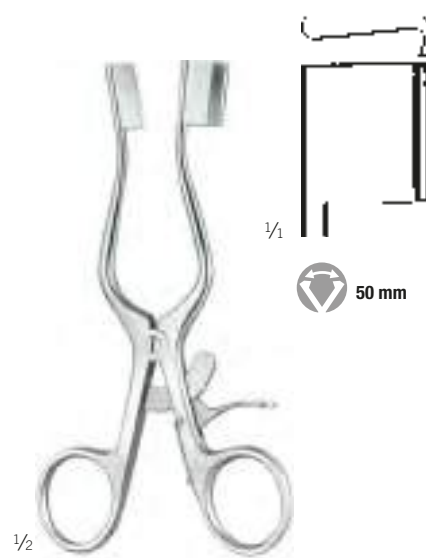
Separadores autoestáticos

Ecarteurs autostatiques

Divaricatori autostatici



Milligan
15-765-13-07
13,5 cm / 5 3/8"



Weitlaner-Baby
15-767-13-07
13,5 cm / 5 3/8"

Wundspreizer, selbsthaltend, Mittelvalven

Wound Spreaders, self-retaining, Central Blades

Separadores autoestáticos, valvas centrales

Ecarteurs autostatiques, valves centrales

Divaricatori autostatici, valve centrali

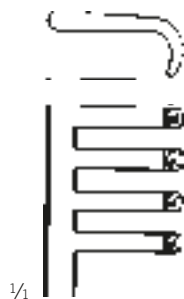
Wundhaken, Halte- und Spreizsysteme

Retractors, Holding and spreading systems

Separadores, Sistemas de sujeción y dispersión

Ecarteurs, Systèmes de maintien et d'épandage

Divaricatori, Sistemi di tenuta e diffusione



15-768-00-07



stumpf
blunt
romo
mousse
smusso



15-769-00-07



scharf
sharp
agudo
pointu
acuto



Henley
15-768-00-07 -
15-769-00-07

16,5 cm / 6 4/8"



85 mm

komplett mit 3 Mittelvalven

Art.-Nr. 15-768-19-07, 15-768-25-07 und 15-768-32-07

complete with 3 central blades

ref. 15-768-19-07, 15-768-25-07 and 15-768-32-07

completo con 3 valvas centrales

ref. 15-768-19-07, 15-768-25-07 y 15-768-32-07

complet avec 3 valves centrales

réf. 15-768-19-07, 15-768-25-07 et 15-768-32-07

completo con 3 valve centrali

rif. 15-768-19-07, 15-768-25-07 e 15-768-32-07



15-768-19-07

19 x 17 mm



15-768-25-07

25 x 17 mm



15-768-32-07

32 x 17 mm

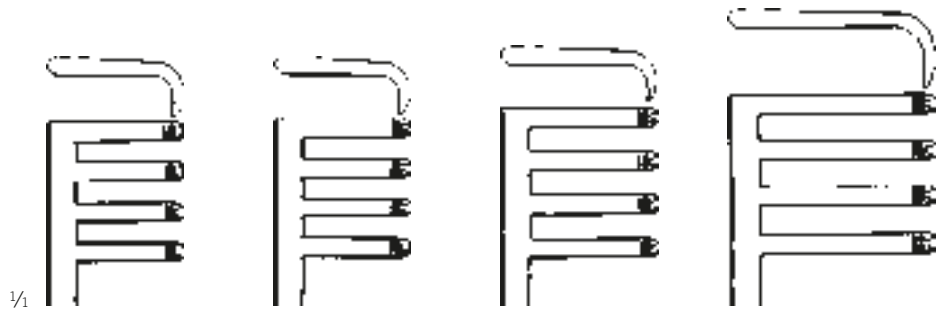
Wundspreizer, selbsthaltend

Wound Spreaders, self-retaining

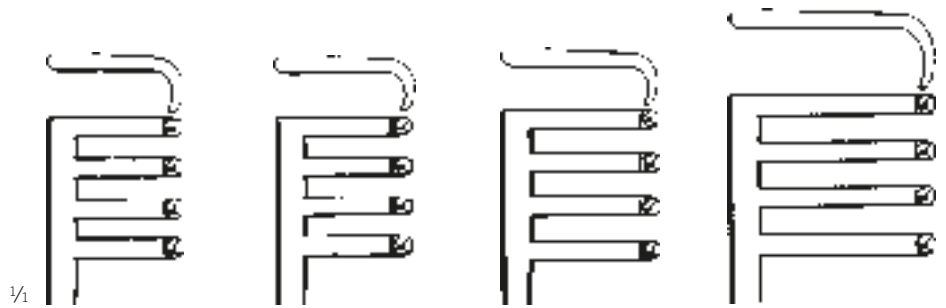
Separadores autoestáticos

Ecarteurs autostatiques

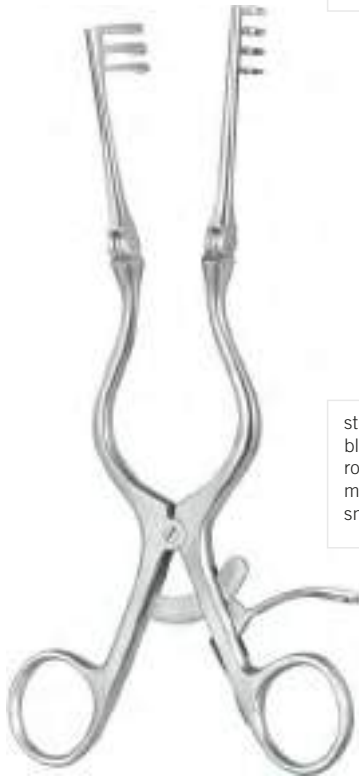
Divaricatori autostatici



scharf sharp agudo pointu acuto		15-770-13-07	15-770-16-07	15-770-20-07	15-770-26-07
		14 cm / 5 ⁴ / ₈ "	16,5 cm / 6 ⁴ / ₈ "	21 cm / 8 ² / ₈ "	24,5 cm / 9 ⁵ / ₈ "
		81 mm	90 mm	135 mm	135 mm
		3:4	3:4	3:4	3:4



stumpf blunt romo mousse smusso		15-771-13-07	15-771-16-07	15-771-20-07	15-771-26-07
		14 cm / 5 ⁴ / ₈ "	16,5 cm / 6 ⁴ / ₈ "	21 cm / 8 ² / ₈ "	24,5 cm / 9 ⁵ / ₈ "
		81 mm	90 mm	135 mm	135 mm
		3:4	3:4	3:4	3:4



1/2

Adson
15-770-13-07 -
15-772-26-07

Wundspreizer, selbsthaltend

Wound Spreaders, self-retaining

Separadores autoestáticos

Ecarteurs autostatiques

Divaricatori autostatici

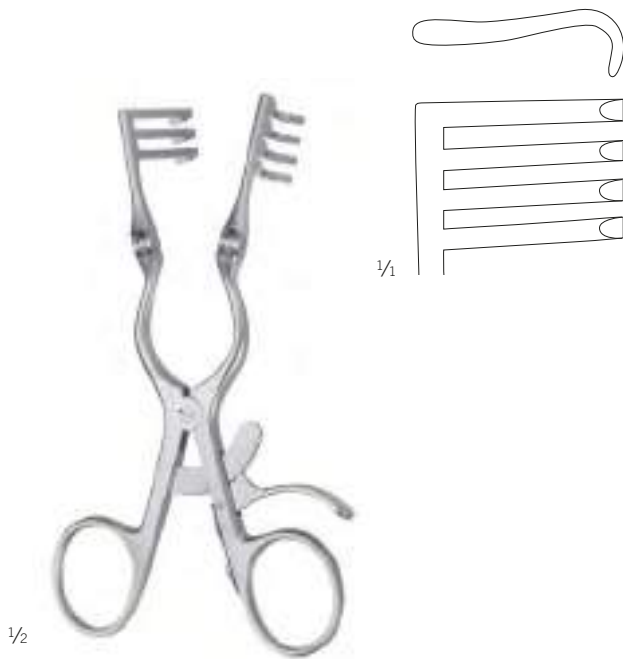
Wundhaken, Halte- und Spreizsysteme

Retractors, Holding and spreading systems

Separadores, Sistemas de sujeción y dispersión

Ecarteurs, Systèmes de maintien et d'épandage

Divaricatori, Sistemi di tenuta e diffusione



Adson
15-773-13-07

13 cm / 5 1/8"

stumpf

blunt

romo

mousse

smusso



3:4



60 mm

Wundspreizer, selbsthaltend, Valven

Wound Spreaders, self-retaining, blades

Separadores autoestáticos, valvas

Ecarteurs autostatiques, valves

Divaricatori autostatici, valve

	
Valven, gezahnt, Paar Blades, toothed, pair Valvas, dentado, par Valves, dentelé, paire Valve, dentate, paio	
4 cm / 1 5/8"	15-774-40-07
4,5 cm / 1 6/8"	15-774-45-07
5 cm / 2"	15-774-50-07
5,5 cm / 2 1/8"	15-774-55-07
6 cm / 2 3/8"	15-774-60-07



15-774-00-07 & 15-774-25-07



1/2

Cloward

15-774-00-07

komplett mit je 2 Steckvalven
 Art.-Nr. 15-774-40-07 - 15-774-60-07

with 2 each plug-in blades
 ref. 15-774-40-07 - 15-774-60-07

con 2 valvas enchufables de c.u.
 ref. 15-774-40-07 - 15-774-60-07

chacun avec 2 valves interchangeables
 réf. 15-774-40-07 - 15-774-60-07

con 2 valve ad innesto
 rif. 15-774-40-07 - 15-774-60-07

15-774-25-07

25 cm / 9 7/8"

Sperrer allein
 Spreader only
 Separador solo
 Ecarteur seul
 Divaricatore solo

	
Valven, glatt, Paar Blades, smooth, pair Valvas, liso, par Valves, lisse, paire Valve, lisce, paio	
4 cm / 1 5/8"	15-775-40-07
4,5 cm / 1 6/8"	15-775-45-07
5 cm / 2"	15-775-50-07
5,5 cm / 2 1/8"	15-775-55-07
6 cm / 2 3/8"	15-775-60-07



15-775-00-07 & 15-775-15-07



1/2

Cloward

15-775-00-07

komplett mit je 2 Steckvalven
 Art.-Nr. 15-775-40-07 - 15-775-60-07

with 2 each plug-in blades
 ref. 15-775-40-07 - 15-775-60-07

con 2 valvas enchufables de c.u.
 ref. 15-775-40-07 - 15-775-60-07

chacun avec 2 valves interchangeables
 réf. 15-775-40-07 - 15-775-60-07

con 2 valve ad innesto
 rif. 15-775-40-07 - 15-775-60-07

15-775-15-07

15 cm / 5 7/8"

Sperrer allein
 Spreader only
 Separador solo
 Ecarteur seul
 Divaricatore solo

Wundspreizer, selbsthaltend

Wound Spreaders, self-retaining

Separadores autoestáticos

Ecarteurs autostatiques

Divaricatori autostatici

Wundhaken, Halte- und Spreizsysteme

Retractors, Holding and spreading systems

Separadores, Sistemas de sujeción y dispersión

Ecarteurs, Systèmes de maintien et d'épandage

Divaricatori, Sistemi di tenuta e diffusione



Beckmann
15-776-31-07

32 cm / 12 5/8"

stumpf

blunt

romo

mousse

smusso



4:4



Adson
15-777-32-07

33 cm / 13"

stumpf

blunt

romo

mousse

smusso



4:5

Wundspreizer, selbsthaltend

Wound Spreaders, self-retaining

Separadores autoestáticos

Ecarteurs autostatiques

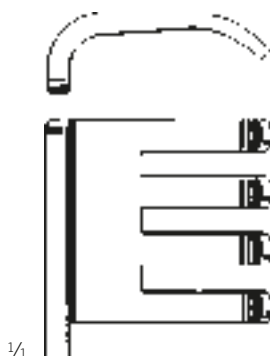
Divaricatori autostatici



142 mm



1/2



1/1

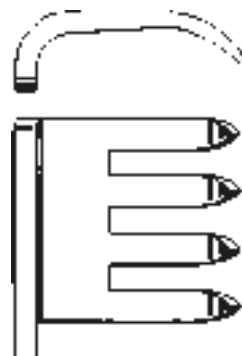
15-778-00-07

31 cm / 12 2/8"

stumpf
blunt
romo
mousse
smusso



4:4



15-778-01-07

31 cm / 12 2/8"

scharf
sharp
agudo
pointu
acuto



4:4



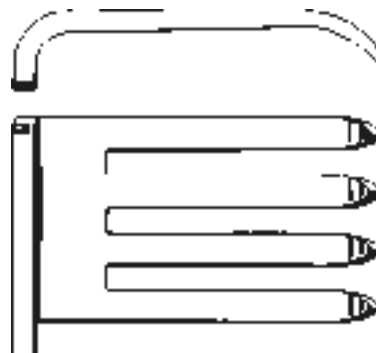
15-778-02-07

30,5 cm / 12 "

stumpf
blunt
romo
mousse
smusso



4:4



15-778-03-07

30,5 cm / 12 "

scharf
sharp
agudo
pointu
acuto



4:4

Beckman-Adson
15-778-00-07 -
15-778-03-07

Wundspreizer, selbsthaltend

Wound Spreaders, self-retaining

Separadores autoestáticos

Ecarteurs autostatiques

Divaricatori autostatici

Wundhaken, Halte- und Spreizsysteme

Retractors, Holding and spreading systems

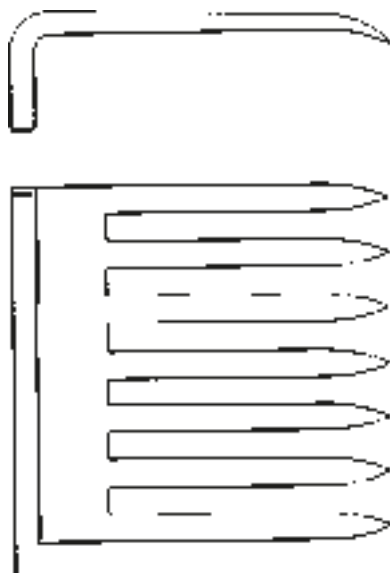
Separadores, Sistemas de sujeción y dispersión

Ecarteurs, Systèmes de maintien et d'épandage

Divaricatori, Sistemi di tenuta e diffusione



1/1



1/2

Beckman-Eaton
15-778-32-07

32 cm / 12 5/8"

scharf

sharp

agudo

pointu

acuto



7:7

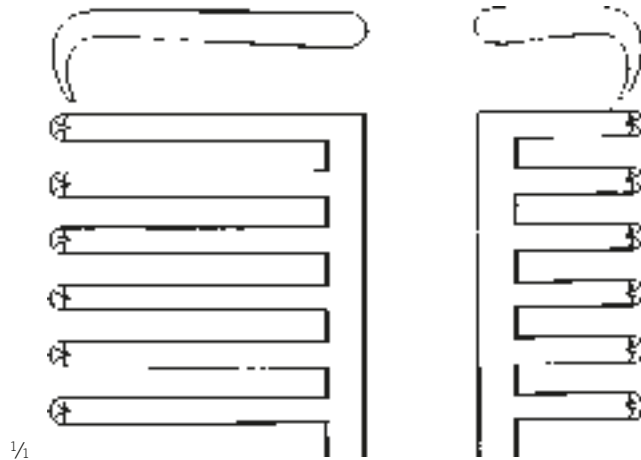
Wundspreizer, selbsthaltend

Wound Spreaders, self-retaining

Separadores autoestáticos

Ecarteurs autostatiques

Divaricatori autostatici



15-790-01-07

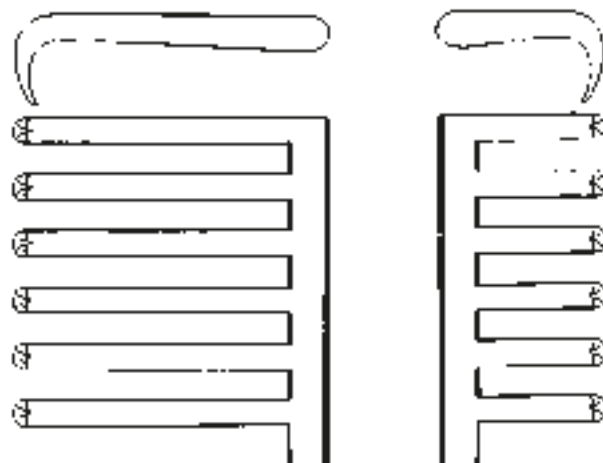
scharf, lange Zähne links
sharp, long teeth on left side
agudo, garfios largos a la izquierda
pointu, griffes longues à gauche
acuto, denti lunghi a sinistra



6:6



145 mm



15-790-02-07

scharf, lange Zähne rechts
sharp, long teeth on right side
agudo, garfios largos a la derecha
pointu, griffes longues à droite
acuto, denti lunghi a destra



6:6



145 mm



Martin
15-790-01-07 -
15-790-02-07
28,5 cm / 11 2/8"

Wundspreizer, selbsthaltend

Wound Spreaders, self-retaining

Separadores autoestáticos

Ecarteurs autostatiques

Divaricatori autostatici

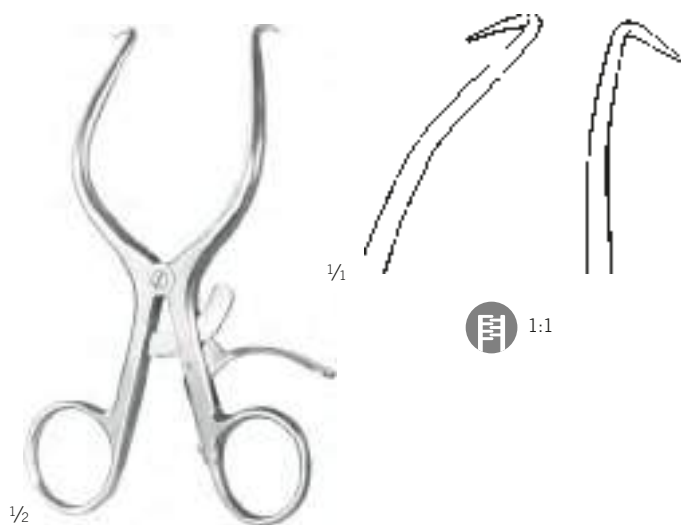
Wundhaken, Halte- und Spreizsysteme

Retractors, Holding and spreading systems

Separadores, Sistemas de sujeción y dispersión

Ecarteurs, Systèmes de maintien et d'épandage

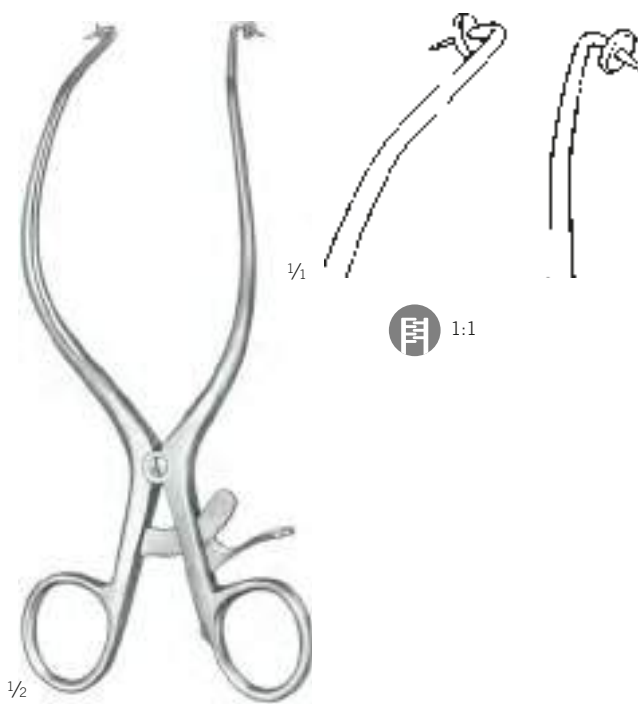
Divaricatori, Sistemi di tenuta e diffusione



Gelpi
15-802-13-07
13 cm / 5 1/8"



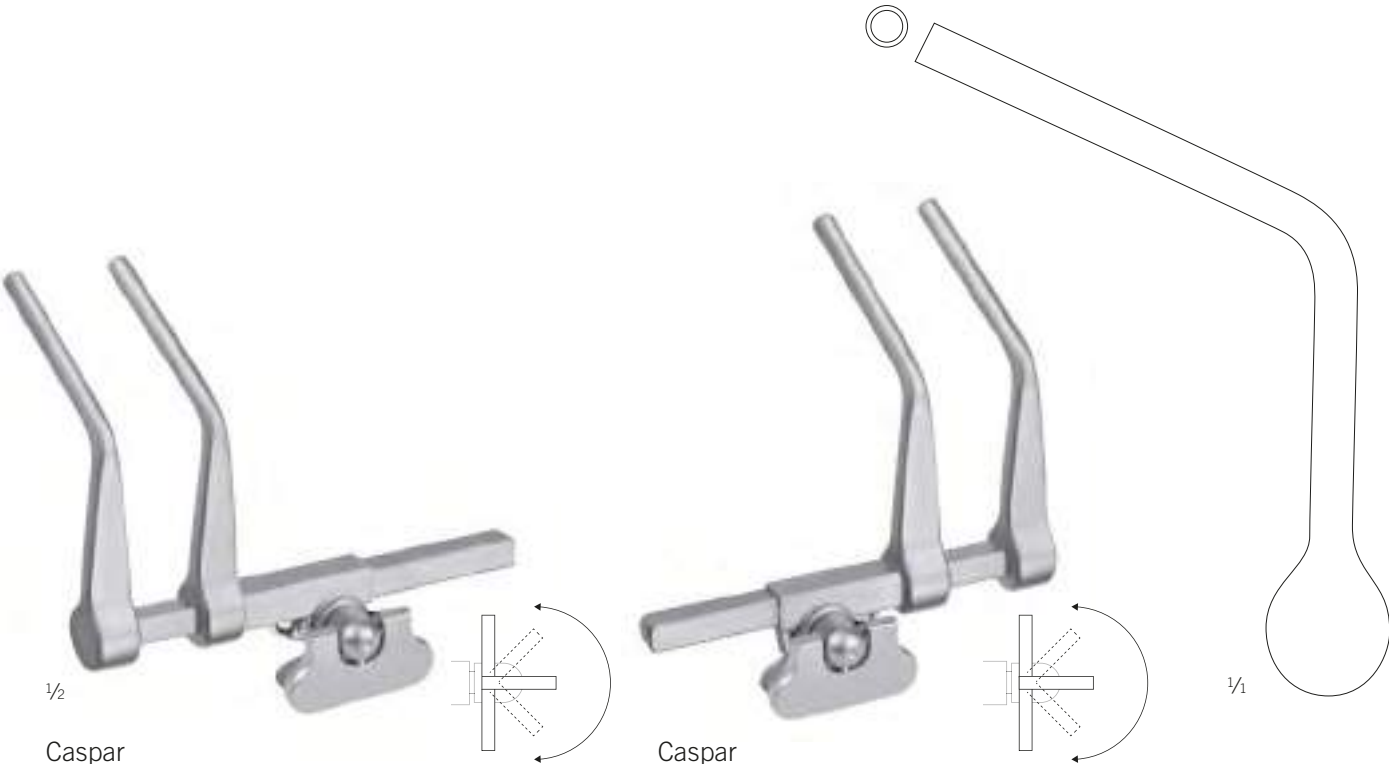
Gelpi
15-802-18-07
18 cm / 7 1/8"



Gelpi
15-804-18-07
18,5 cm / 7 3/8"

Zervikales Wirbelkörper-Distraktionssystem

Cervical Vertebral Body Distraction System
Sistema de distractor para los cuerpos vertebrales cervicales
Système de distracteur cervicale
Sistema di distrattore cervicale



Caspar
15-811-10-07 -15-811-11-07
rechtes Modell
right model
modelo derecho
modèle droit
modello destro

Caspar
15-811-20-07 -15-811-21-07
linkes Modell
left model
modelo izquierdo
modèle gauche
modello sinistro

Zervikaler Distraktor Cervical distractor Distractor cervical Distracteur cervicale Distrattore cervicale	kurze Zahnstange short toothed rack cremallera corta crémaillère courte cremagliera corta	lange Zahnstange long toothed rack cremallera larga crémaillère longue cremagliera lunga
rechtes Modell right model modelo derecho modèle droit modello destro	15-811-10-07	15-811-11-07
	11 cm / 4 3/8"	13 cm / 5 1/8"
linkes Modell left model modelo izquierdo modèle gauche modello sinistro	15-811-20-07	15-811-21-07
	11 cm / 4 3/8"	13 cm / 5 1/8"

Zervikales Wirbelkörper-Distraktionssystem

Cervical Vertebral Body Distraction System

Sistema de distractor para los cuerpos vertebrales cervicales

Système de distracteur cervicale

Sistema di distrattore cervicale

Wundhaken, Halte- und Spreizsysteme

Retractors, Holding and spreading systems

Separadores, Sistemas de sujeción y dispersión

Ecarteurs, Systèmes de maintien et d'épandage

Divaricatori, Sistemi di tenuta e diffusione



1/2

Bohrbuchse
Drillsocket
Guía de broca
Poignée guide-mèche
Boccola di guida

für zervikalen Distraktor
for cervical distractor
para distractor cervical
pour distracteur cervicale
per distrattore cervicale

linkes Modell
left model
modelo izquierdo
modèle gauche
modello sinistro

15-811-30-07

20 cm / 7 7/8"

rechtes Modell
right model
modelo derecho
modèle droit
modello destro

15-811-31-07

20 cm / 7 7/8"



1/2

Caspar

15-811-30-07 - 15-811-31-07

Caspar

15-811-40-07

23 cm / 9"

Schraubendreher für zervikale Distraktion (Silikongriff)
Screw driver for cervical distraction (silicone handle)
Destornillador para distracción cervical (mango silicona)
Tournevis pour distracteur cervical (manche silicone)
Cacciavite per distrazione cervicale (manico silicone)

Sic



1/2

12 mm	15-811-50-07
14 mm	15-811-51-07
16 mm	15-811-52-07
18 mm	15-811-53-07

Caspar

15-811-50-07 - 15-811-53-07

Ø 8 mm

Schraube für zervikale Distraktion
Screw for cervical distraction
Tornillo para distracción cervical
Vis pour distraction cervicale
Vite per distrazione cervicale



15-811-40-07



1/2

14 mm	15-811-60-07
8 mm	15-811-61-07

Caspar

15-811-60-07 - 15-811-61-07

Ø 8 mm

Bohrer für zervikale Distraktion
Drill for cervical distraction
Broca para distracción cervical
Mèche pour distraction cervicale
Punta per distrazione cervicale

Instrumente für die lumbale Diskektomie

Instruments for lumbar Discectomy
Instrumentos para la disectomía lumbar
Instruments pour la disectomie lumbaire
Strumentario per discectomia lombare



Caspar
15-813-40-07 - 15-813-85-07
15 cm / 5 7/8"
Diskektomie-Spekulum
Discectomy-speculum
Espéculo de discectomía
Spéculum discectomie
Speculum per discectomia

SB

40 mm	15-813-40-07
45 mm	15-813-45-07
50 mm	15-813-50-07
55 mm	15-813-55-07
60 mm	15-813-60-07
65 mm	15-813-65-07
75 mm	15-813-70-07
80 mm	15-813-80-07
85 mm	15-813-85-07

Instrumente für die lumbale Diskektomie

Instruments for lumbar Discectomy

Instrumentos para la disectomía lumbar

Instruments pour la disectomie lumbaire

Strumentario per discectomia lombare

Wundhaken, Halte- und Spreizsysteme

Retractors, Holding and spreading systems

Separadores, Sistemas de sujeción y dispersión

Ecarteurs, Systèmes de maintien et d'épandage

Divaricatori, Sistemi di tenuta e diffusione



Caspar
15-814-10-07

Diskektomie-Gegensperrer

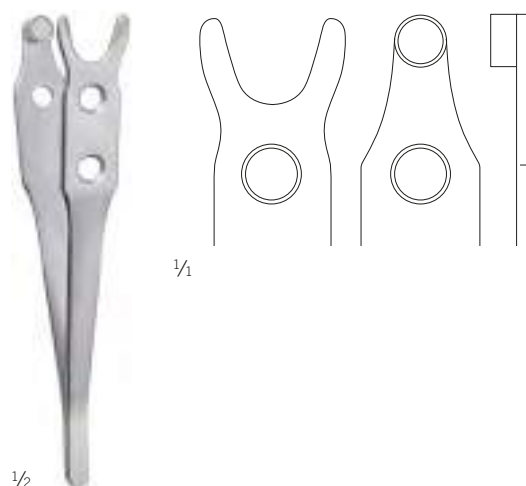
Counter retractor for discectomy

Contrarretractor para discectomía

Contre-rétracteur pour discectomie

Contro-retrattore per discectomia

SB



Caspar
15-814-99-07

12 cm / 4 5/8"

Pinzette zum Austausch von Valven

Forceps for the change of blades

Pinzas para cambiar las valvas

Pince pour changer les valves

Pinze per sostituzione valve



15-814-10-07

SB Valven, medial Blades, medial Valvas, mediales Valves, médiales Valve, mediali	
40 mm	15-814-20-07
45 mm	15-814-21-07
50 mm	15-814-22-07
55 mm	15-814-23-07
60 mm	15-814-24-07
65 mm	15-814-25-07
70 mm	15-814-26-07
75 mm	15-814-27-07



15-814-10-07

SB Valven, lateral Blades, lateral Valvas, laterales Valves, latérales Valve, laterali	
35 mm	15-814-40-07
40 mm	15-814-41-07
45 mm	15-814-42-07
50 mm	15-814-43-07
55 mm	15-814-44-07
60 mm	15-814-45-07
65 mm	15-814-46-07
75 mm	15-814-47-07
80 mm	15-814-48-07
85 mm	15-814-49-07



15-814-10-07

Wundspreizer für die zervikale Wirbelsäule

Retractors for cervical vertebral column

Separadores para la columna cervical

Ecarteurs pour colonne cervicale

Divaricatori per colonna cervicale

Arbeitsenden

Working end

El extremo funcional del producto

Extrémité opératoire du produit

L'estremità funzionale del prodotto

Ti

SB



1/2

Caspar
15-901-01-07

11,5 cm / 4 1/8"

Retraktor, zervikal
Cervical base retractor
Retractor cervical básico
Rétracteur cervical de base
Retrattore cervicale di base



1/2

Caspar
15-901-02-07

13 cm / 5 1/8"

Gegensperrer, längs
Cervical base counter retractor
Contrarrettractor cervical básico
Contre-rétracteur cervical de base
Contro-retrattore cervicale di base



1/2

Caspar
15-901-03-07

20,5 cm / 8 1/8"

Gegensperrer, längs
Cervical base counter retractor
Contrarrettractor cervical básico
Contre-rétracteur cervical de base
Contro-retrattore cervicale di base



Valven für die zervikale Wirbelsäule

Blades for cervical vertebral column

Valvas para la columna cervical

Valves pour colonne cervicale

Valve per colonna cervicale

Wundhaken, Halte- und Spreizsysteme

Retractors, Holding and spreading systems

Separadores, Sistemas de sujeción y dispersión

Ecarteurs, Systèmes de maintien et d'épandage

Divaricatori, Sistemi di tenuta e diffusione



Ti

Valven, medial-lateral
Blades, medial-lateral
Valvas, medial-lateral
Valves, médio-latérale
Valve, mediale-laterale

19 x 25 mm	15-901-11-09
19 x 30 mm	15-901-12-09
19 x 35 mm	15-901-13-09
19 x 40 mm	15-901-14-09
19 x 45 mm	15-901-15-09
19 x 50 mm	15-901-16-09
19 x 55 mm	15-901-17-09
19 x 60 mm	15-901-18-09



15-901-01-07,
15-901-02-07,
15-901-03-07



Ti

Valven, lateral
Blades, lateral
Valvas, lateral
Valves, latérale
Valve, laterale

24 x 30 mm	15-901-21-09
24 x 35 mm	15-901-22-09
24 x 40 mm	15-901-23-09
24 x 45 mm	15-901-24-09
24 x 50 mm	15-901-25-09
24 x 55 mm	15-901-26-09
24 x 60 mm	15-901-27-09
24 x 65 mm	15-901-28-09
24 x 70 mm	15-901-29-09



15-901-01-07,
15-901-02-07,
15-901-03-07



Ti

Valven, medial
Blades, medial
Valvas, mediales
Valves, médiales
Valve, mediale

24 x 30 mm	15-901-31-09
24 x 35 mm	15-901-32-09
24 x 40 mm	15-901-33-09
24 x 45 mm	15-901-34-09
24 x 50 mm	15-901-35-09
24 x 55 mm	15-901-36-09
24 x 60 mm	15-901-37-09
24 x 65 mm	15-901-38-09
24 x 70 mm	15-901-39-09



15-901-01-07,
15-901-02-07,
15-901-03-07



Ti

Valven, longitudinal, stumpf
Blades, longitudinal, blunt
Valvas, longitudinal, romo
Valves, longitudinal, emousse
Valve, longitudinales, mussa

19 x 25 mm	15-901-41-09
19 x 30 mm	15-901-42-09
19 x 35 mm	15-901-43-09
19 x 40 mm	15-901-44-09
19 x 45 mm	15-901-45-09
19 x 50 mm	15-901-46-09
19 x 55 mm	15-901-47-09
19 x 60 mm	15-901-48-09



15-901-01-07,
15-901-02-07,
15-901-03-07



Ti

Valven, longitudinal, stumpf
Blades, longitudinal, blunt
Valvas, longitudinal, romo
Valves, longitudinal, emousse
Valve, longitudinales, mussa

24 x 35 mm	15-901-51-09
24 x 40 mm	15-901-52-09
24 x 45 mm	15-901-53-09
24 x 50 mm	15-901-54-09
24 x 55 mm	15-901-55-09
24 x 60 mm	15-901-56-09
24 x 65 mm	15-901-57-09
24 x 70 mm	15-901-58-09
24 x 75 mm	15-901-59-09



15-901-01-07,
15-901-02-07,
15-901-03-07



Wundspreizer für die lumbale Wirbelsäule

Retractors for for lumbar Column

Separadores para la columna lumbar

Instruments pour colonne lumbaire

Strumentario per colonna lombare



1/2

Caspar
15-902-01-07

12,5 cm / 4 7/8"

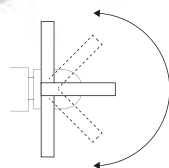
Retraktor, lumbal

Lumbar base retractor

Retractor lumbar básico

Rétracteur lumbaire de base

Retrattore lombare di base



Wundspreizer für die lumbale Wirbelsäule

Retractors for for lumbar Column
Separadores para la columna lumbar
Instruments pour colonne lumbaire
Strumentario per colonna lombare

Wundhaken, Halte- und Spreizsysteme

Retractors, Holding and spreading systems
Separadores, Sistemas de sujeción y dispersión
Ecarteurs, Systèmes de maintien et d'épandage
Divaricatori, Sistemi di tenuta e diffusione



1/2

Ti

Valven, lumbar
Blades, lumbar
Valvas, lumbar
Valves, lumbaire
Valve, lombare

20 x 35 mm	15-902-11-09
20 x 40 mm	15-902-12-09
20 x 45 mm	15-902-13-09
20 x 55 mm	15-902-14-09
20 x 65 mm	15-902-15-09



1/2

Ti

Valven, lumbar
Blades, lumbar
Valvas, lumbar
Valves, lumbaire
Valve, lombare

40 x 35 mm	15-902-31-09
40 x 40 mm	15-902-32-09
40 x 45 mm	15-902-33-09
40 x 55 mm	15-902-34-09
40 x 65 mm	15-902-35-09
40 x 75 mm	15-902-36-09



1/2

Ti

Valven, lumbar
Blades, lumbar
Valvas, lumbar
Valves, lumbaire
Valve, lombare

60 x 35 mm	15-902-51-09
60 x 40 mm	15-902-52-09
60 x 45 mm	15-902-53-09
60 x 55 mm	15-902-54-09
60 x 65 mm	15-902-55-09
60 x 75 mm	15-902-56-09
60 x 85 mm	15-902-57-09



15-902-01-07



15-902-01-07



15-902-01-07



1/2

Ti

Hemi-Laminektomie-Haken, klein
Hemi laminectomy hook, small
Hemi gancho para laminectomía, pequeño
Hemi crochet pour laminectomie, petit
Hemi uncino per laminectomia, piccolo

15-902-21-09



1/2

Ti

Hemi-Laminektomie-Haken, groß
Hemi laminectomy hook, large
Hemi gancho para laminectomía, grande
Hemi crochet pour laminectomie, grand
Hemi uncino per laminectomia, grande

15-902-41-09



15-902-01-07



15-902-01-07

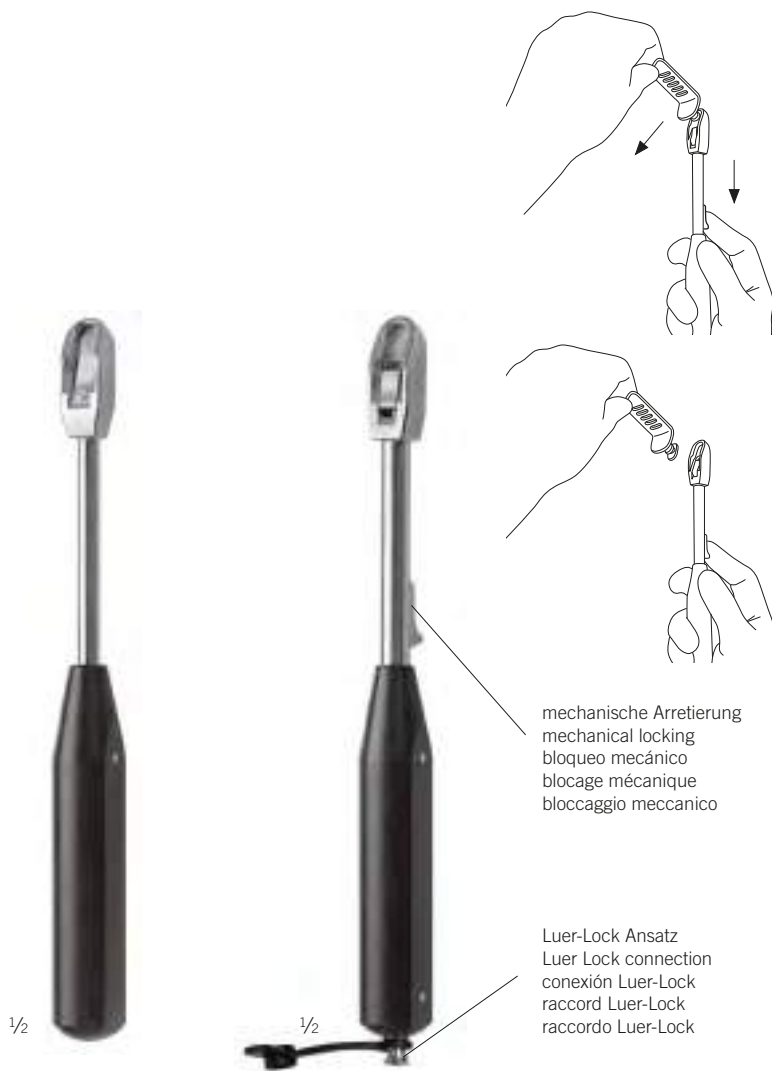
Instrumente für die zervikale Wirbelsäule

Instruments for cervical vertebral column

Instrumentos para la columna cervical

Instruments pour colonne cervicale

Instrumentario per colonna cervicale



mechanische Arretierung
mechanical locking
bloqueo mecánico
blocage mécanique
bloccaggio meccanico

Luer-Lock Ansatz
Luer Lock connection
conexión Luer-Lock
raccord Luer-Lock
raccordo Luer-Lock



Caspar
15-903-01-07

19 cm / 7 ⁴/₈"

Handgriff
Handle
Mango
Poignée
Impugnatura

Caspar
15-903-02-07

19 cm / 7 ⁴/₈"

Handgriff mit Luer-Lock-Ansatz und Schutzkappe
Handle with Luer Lock connection and protection cap
Mango con conexión Luer-Lock y caperuza protectora
Poignée avec raccord Luer-Lock et capuchon protecteur
Impugnatura con raccordo Luer-Lock e calotta protettiva

Caspar
15-903-03-04

17 cm / 6 ⁶/₈"

Messstab für zervikales Retraktorsystem
Measurement handle for cervical retractor system
Varilla de medición para el sistema de retracción cervical
Jauge pour système de rétracteur cervical
Asta di misurazione per sistema retrattore cervicale

Laminektomiesperrer

Laminectomy Retractors

Separadores para laminectomía

Ecarteurs pour laminectomie

Divaricatori per laminectomia

Wundhaken, Halte- und Spreizsysteme

Retractors, Holding and spreading systems

Separadores, Sistemas de sujeción y dispersión

Ecarteurs, Systèmes de maintien et d'épandage

Divaricatori, Sistemi di tenuta e diffusione



Scoville
15-906-00-07
22 cm / 8 ⁵/₈"



190 mm



Scoville-Haverfield
15-906-50-07
22 cm / 8 ⁵/₈"

Rahmen allein, mit Gelenk
frame only, with joint
bastidor suelto, con articulación
cadre seul, avec articulation
telaio solo, con articolazione



190 mm

Valven

Blades
Valvas
Valves
Valve

1/2



15-906-01-07

5 cm / 2 "

Hakenvalve, Stück
Hook, piece
Gancho, pieza
Valve à griffes, pièce
Uncino, pezzo

50 mm tief, stumpf
50 mm deep, blunt
50 mm de profundidad, romo
profondeur 50 mm, mousse
profondità 50 mm, smusso



15-906-02-07

7 cm / 2 6/8"

Hakenvalve, Stück
Hook, piece
Gancho, pieza
Valve à griffes, pièce
Uncino, pezzo

70 mm tief, stumpf
70 mm deep, blunt
70 mm de profundidad, romo
profondeur 70 mm, mousse
profondità 70 mm, smusso



15-906-06-07

5 cm / 2 "

Hakenvalve, Stück
Hook, piece
Gancho, pieza
Valve à griffes, pièce
Uncino, pezzo

50 mm tief, spitz
50 mm deep, sharp
50 mm de profundidad, agudo
profondeur 50 mm, pointu
profondità 50 mm, acuto



15-906-07-07

7 cm / 2 6/8"

Hakenvalve, Stück
Hook, piece
Gancho, pieza
Valve à griffes, pièce
Uncino, pezzo

70 mm tief, spitz
70 mm deep, sharp
70 mm de profundidad, agudo
profondeur 70 mm, pointu
profondità 70 mm, acuto



15-906-00-07,
15-906-50-07



15-906-00-07,
15-906-50-07



15-906-00-07,
15-906-50-07



15-906-00-07,
15-906-50-07

1/2



15-906-11-07 -
15-906-13-07

Blattvalven, Stück
Blades, piece
Valvas, pieza
Valves, pièce
Valve , pezzo

gezahnt
toothed
dentado
dentelé
dentato



15-906-41-07 -
15-906-44-07

Hakenvalve, Stück
Hook, piece
Valva, pieza
Valve, pièce
Valvola, pezzo

spitz
sharp
agudo
pointu
acuto



15-906-46-07 -
15-906-47-07

Hakenvalve, Stück
Hook, piece
Valva, pieza
Valve, pièce
Valvola, pezzo

spitz
sharp
agudo
pointu
acuto

15-906-11-07	60 x 25 mm
15-906-12-07	61 x 50 mm
15-906-13-07	86 x 25 mm

15-906-41-07	48 x 50 mm
15-906-42-07	64 x 50 mm
15-906-43-07	64 x 64 mm
15-906-44-07	80 x 57 mm

15-906-46-07	44 x 38 mm
15-906-47-07	67 x 44 mm



15-906-00-07,
15-906-50-07



15-906-00-07,
15-906-50-07



15-906-00-07,
15-906-50-07

Wirbelkörperspreizer

Lamina Spreaders
Separadores para cuerpos vertebrales
Ecarteurs pour corps vertébraux
Separatori per vertebre

Wundhaken, Halte- und Spreizsysteme

Retractors, Holding and spreading systems
Separadores, Sistemas de sujeción y dispersión
Ecarteurs, Systèmes de maintien et d'épandage
Divaricatori, Sistemi di tenuta e diffusione



15-812-01-07
12,7 cm / 4 5/8"

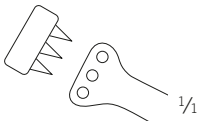


15-812-21-07



Cloward
24-973-16-07
16 cm / 6 3/8"

Wirbelkörperspreizer Lamina Spreaders Separadores para cuerpos vertebrales Ecarteurs pour corps vertébraux Separatori per vertebre	lange Zahnstange long toothed rack cremallera larga crémaillère longue cremagliera lunga
3 Zähne 3 teeth 3 dientes 3 dents 3 denti	15-812-21-07 13 cm / 5 1/8"



Wirbelkörperspreizer

Lamina Spreaders

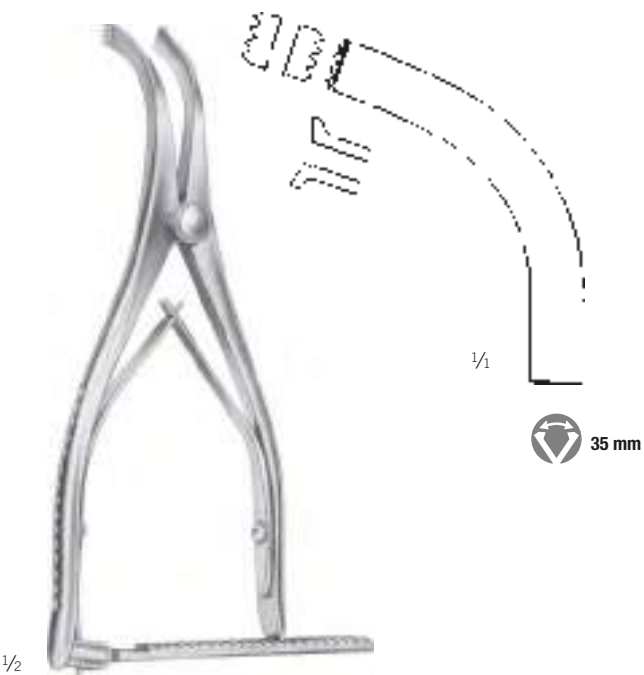
Separadores para cuerpos vertebrales

Ecarteurs pour corps vertébraux

Separatori per vertebre



Inge
24-974-17-07
16 cm / 6 2/8"



Inge
24-975-17-07
16 cm / 6 2/8"



Inge
24-977-27-07
25,5 cm / 10 "

Schädelhalter

Skull Traction Tongs

Estribos de tracción craneal

Pinces de traction crânienne

Pinze per trazione craniale

Wundhaken, Halte- und Spreizsysteme

Retractors, Holding and spreading systems

Separadores, Sistemas de sujeción y dispersión

Ecarteurs, Systèmes de maintien et d'épandage

Divaricatori, Sistemi di tenuta e diffusione



1/2

Crutchfield
24-641-01-07

kleines Modell
small pattern
modelo pequeño
modèle petit
modello piccolo



1/2

Crutchfield
24-641-02-07

mittleres Modell
medium pattern
modelo mediano
modèle moyen
modello medio



1/2

24-641-04-07

7 cm / 2 5/8"
Vorböhrer
Drill point
Perforador
Alésoir
Alesatore
3,5 mm Ø



24-641-05-07

7 cm / 2 5/8"
Vorböhrer
Drill point
Perforador
Alésoir
Alesatore
5 mm Ø



24-641-02-07



24-641-02-07



1/2

24-643-01-07

großes Modell
large pattern
modelo grande
modèle grand
modello grande

24-643-10-07

Ersatzdorn
Spare pin
Espina de repuesto
Pointe de rechange
Punta di ricambio



24-643-01-07

Retraktoren zur Fixation am Schädel

Self-Retaining Retractors, for Skull Mounting

Separadores para la fijación del cráneo

Ecarteurs autofixants au crâne

Autofissatore per retrattori, per il supporto del cranio



Leyla 24-702-01-07		Selbsthaltender Hirnspatel mit 1 Spannarm, komplett, bestehend aus:	Self-retaining brain retractor with 1 flexible arm, complete, consisting of:	Separador automático para el cerebro con 1 brazo, completo, compuesto de:	Ecarteur autofixant au crâne avec 1 bras complet, composé de:	Autofissatore per retrattore cervicale con 1 braccio, completo, composto da:
24-702-03-07	1	Spannarm, flexibel	Flexible arm	Brazo, flexible	Bras flexible	Braccio flessibile
24-702-04-07	1	Fixiervorrichtung für 1 Spannarm	Fixation base for 1 arm	Fijador para 1 brazo	Base de fixation pour 1 bras	Base di fissaggio per 1 braccio
24-702-08-07	1	Spatelhalter für flache Spatel	Support for flat brain spatulas	Porta-espátula para espátulas planas	Support pour spatules plats	Supporto per spatole cervicali piatte



Leyla 24-702-02-07		Selbsthaltender Hirnspatel mit 2 Spannarmen, komplett, bestehend aus:	Self-retaining brain retractor with 2 arms, complete, consisting of:	Separador automático para el cerebro con 2 brazos, completo, compuesto de:	Ecarteur autofixant au crâne avec 2 bras complet, composé de:	Autofissatore per retrattore cervicale con 2 bracci, completo, composto da:
24-702-03-07	2	Spannarme, flexibel	Flexible arms	Brazos, flexibles	Bras, flexibles	Bracci, flessibili
24-702-05-07	1	Fixiervorrichtung für 2 Spannarme	Fixation base for 2 arms	Fijador para 2 brazos	Base de fixation pour 2 bras	Base di fissaggio per 2 bracci
24-702-08-07	2	Spatelhalter für flache Spatel	Supports for flat brain spatulas	Porta-espátulas para espátulas planas	Supports pour spatules plats	Supporti per spatole cervicali piatte

Zubehör zu Leyla-Reraktoren

Accessories for Leyla Self Retaining Retractors
Accesorios para separadores automáticos de Leyla
Accessoires pour écarteurs autofixants de Leyla
Accessori per autofissatori per retrattori di Leyla

Wundhaken, Halte- und Spreizsysteme

Retractors, Holding and spreading systems
Separadores, Sistemas de sujeción y dispersión
Ecarteurs, Systèmes de maintien et d'épandage
Divaricatori, Sistemi di tenuta e diffusione



Leyla
24-702-03-07

Spannarm zum Aufstecken auf Kupplungsköpfe 24-702-15-07 / 24-702-16-07 und Fixiervorrichtungen 24-702-04-07 / 24-702-05-07 / 24-702-06-07

Flexible arm for attaching coupling heads 24-702-15-07 / 24-702-16-07 and fixation bases 24-702-04-07 / 24-702-05-07 / 24-702-06-07

Brazo para colocar sobre el acoplamiento 24-702-15-07 / 24-702-16-07 y los fijadores 24-702-04-07 / 24-702-05-07 / 24-702-06-07

Bras flexible pour fixation aux têtes d'accouplement 24-702-15-07 / 24-702-16-07 et base de fixation 24-702-04-07 / 24-702-05-07 / 24-702-06-07

Braccio flessibile per il fissaggio delle teste di accoppiamento 24-702-15-07 / 24-702-16-07 e le basi di fissaggio 24-702-04-07 / 24-702-05-07 / 24-702-06-07



Leyla
24-702-04-07

Fixiervorrichtung für 1 Spannarm 24-702-03-07, zum Festschrauben am Schädel

Fixation base for 1 flexible arm 24-702-03-07, for skull mounting

Fijador para 1 brazo 24-702-03-07, para atornillar al cráneo

Base de fixation pour 1 bras 24-702-03-07, pour fixer au crâne

Base di fissaggio per 1 braccio flessibile 24-702-03-07, per il supporto del cranio



Leyla
24-702-05-07

Fixiervorrichtung für 2 Spannarme 24-702-03-07, zum Festschrauben am Schädel

Fixation base for 2 flexible arms 24-702-03-07, for skull mounting

Fijador para 2 brazos 24-702-03-07, para atornillar al cráneo

Base de fixation pour 2 bras 24-702-03-07, pour fixer au crâne

Base di fissaggio per 2 bracci flessibili 24-702-03-07, per il supporto del cranio



Leyla
24-702-06-07

Fixiervorrichtung für 1 Spannarm 24-702-03-07, zum Festschrauben an Rohrteilen bis Ø 16 mm

Fixation base for 1 flexible arm 24-702-03-07, for mounting to bars up to Ø 16 mm

Fijador para 1 brazo 24-702-03-07, para atornillar a tubos hasta Ø 16 mm

Base de fixation pour 1 bras 24-702-03-07, pour fixer aux tubes jusqu'à Ø 16 mm

Base di fissaggio per 1 braccio flessibile 24-702-03-07, per il supporto di asta di raccordo da Ø 16 mm



Leyla
24-702-07-07

Spatelhalter mit Rundschaft bis Ø 5,5 mm, zur Befestigung am Spannarm 24-702-03-07

Support for brain spatulas with round shaft up to Ø 5.5 mm, fixation to flexible arm 24-702-03-07

Porta-espátula con vástago redondo hasta Ø 5,5 mm, para sujetarlo al brazo 24-702-03-07

Support pour spatules avec tiges ronds jusqu'à Ø 5,5 mm, pour fixation au bras 24-702-03-07

Supporto per spatole craniali con diametro asse Ø 5,5 mm, fissato al braccio flessibile 24-702-03-07



Leyla
24-702-08-07

Spatelhalter für flache Spatel, zur Befestigung am Spannarm 24-702-03-07

Support for flat brain spatulas, fixation to flexible arm 24-702-03-07

Porta-espátula para espátulas planas, para sujetarlo al brazo 24-702-03-07

Support pour tiges plats, pour fixation au bras 24-702-03-07

Supporto per spatole cervicali piate, fissato al braccio flessibile 24-702-03-07

Retraktoren zur Fixation am OP-Tisch

Self-Retaining Retractors, Fixation to Operating Table

Separadores para la fijación a la mesa de operaciones

Ecarteurs pour fixation à la table d'opération

Autofissatore per retrattori, da fissare alla tavola operatoria



Leyla 24-702-11-07		Selbsthaltender Hirnspatel mit 1 Spannarm, komplett, bestehend aus:	Self-retaining brain retractor with 1 flexible arm, complete, consisting of:	Separador automático para el cerebro con 1 brazo, completo, compuesto de:	Ecarteur du cerveau auto-fixant avec 1 bras complet, composé de:	Autofissatore per retrattori cervicali con 1 braccio flessibile, composto da:
24-702-03-07	1	Spannarm	Flexible arm	Brazo	Bras flexible	Braccio flessibile
24-702-07-07	1	Spatelhalterung für Spatel mit rundem Griff	Support, for brain spatulas with round shaft	Porta-espátula para espátulas con mangos redondos	Support pour spatules avec manches ronds	Supporto per spatole craniali con albero rotondo
24-702-13-07	1	Kugelgelenkkloben	Ball and socket joint	Articulación esférica	Articulation sphérique	Giunto a sfera ad incastro
24-702-14-07	1	Haltearm	Holding rod	Brazo de apoyo	Bras de fixation	Porta-asta
24-702-15-07	1	Kupplungskopf	Coupling head	Acoplamiento	Tête d'accouplement	Testa accoppiamento



Leyla 24-702-12-07		Selbsthaltender Hirnspatel mit 2 Spannarmen, komplett, bestehend aus:	Self-retaining brain retractor with 2 flexible arms, complete, consisting of:	Separador automático para el cerebro con 2 brazos, completo, compuesto de:	Ecarteur du cerveau auto-fixant avec 2 bras complet, composé de:	Autofissatore per retrattori cervicali con 2 bracci flessibili, composto da:
24-702-03-07	2	Spannarme	Flexible arms	Brazos	Bras flexibles	Bracci flessibili
24-702-07-07	1	Spatelhalterung, für flache Spatel	Support, for flat brain spatulas	Porta-espátula, para espátulas planas	Support pour spatules plats	Supporto per spatole craniali piatte
24-702-08-07	1	Spatelhalterung, für Spatel mit rundem Griff	Support, for brain spatulas with round shaft	Porta-espátula para espátulas con mangos redondos	Support pour spatules avec manches ronds	Supporto per spatole craniali con albero rotondo
24-702-13-07		Kugelgelenkkloben	Ball and socket joint	Articulación esférica	Articulation sphérique	Giunto a sfera ad incastro
24-702-14-07	1	Haltearm	Holding rod	Brazo de apoyo	Bras de fixation	Porta-asta
24-702-16-07	2	Kupplungsköpfe	Coupling heads	Acoplamientos	Têtes d'accouplement	Teste accoppiamento

Zubehör zu Leyla-Reraktoren

Accessories for Leyla Retractors

Accesorios para separadores automáticos Leyla

Accessoires pour écarteurs de Leyla

Accessori per autofissatori per retrattori di Leyla

Wundhaken, Halte- und Spreizsysteme

Retractors, Holding and spreading systems

Separadores, Sistemas de sujeción y dispersión

Ecarteurs, Systèmes de maintien et d'épandage

Divaricatori, Sistemi di tenuta e diffusione



Leyla
24-702-13-07

Kugelgelenkkloben, zur Befestigung des Haltearms 24-702-14-07 an OP-Tisch-Schienen

Ball and socket joint, for fixation of holding rod 24-702-14-07 to pole of operating table

Articulación esférica, para sujetar el brazo de apoyo 24-702-14-07 sobre la mesa de operaciones

Articulation sphérique pour fixation du bras 24-702-14-07 aux bandes de la table d'opération

Giunto a sfera ad incastro, per il fissaggio dell'asta 24-702-14-07 all'estremità del tavolo operatorio



Leyla
24-702-14-07

Haltearm zur Fixation im Kugelgelenkkloben 24-702-13-07 und zur Aufnahme der Kupplungsköpfe 24-702-15-07 / 24-702-16-07

Holding rod for fixation in ball and socket joint 24-702-13-07 and to take coupling heads 24-702-15-07 / 24-702-16-07

Brazo de apoyo para fijar en la articulación esférica 24-702-13-07 y para recoger los acoplamientos 24-702-15-07 / 24-702-16-07

Bras d'appui pour fixer dans l'articulation sphérique 24-702-13-07 pour prendre les têtes d'accouplement 24-702-15-07 / 24-702-16-07

Porta asta per il fissaggio al giunto a sfera 24-702-13-07 e per prendere le teste di accoppiamento 24-702-15-07 / 24-702-16-07



Leyla
24-702-15-07

Kupplungskopf zur Aufnahme von 1-5 Spannarmen 24-702-03-07

Coupling head to take 1-5 flexible arms 24-702-03-07

Acoplamiento para sujetar 1-5 brazos 24-702-03-07

Tête d'accouplement pour prendre 1-5 bras flexibles 24-702-03-07

Testa accoppiamento per prendere 1-5 bracci flessibili 24-702-03-07



Leyla
24-702-16-07

Kupplungskopf, drehbar, in allen Ebenen fixierbar, zur Aufnahme von 1 Spannarm 24-702-03-07

Coupling head, turnable, can be fixed in any position, to take 1 flexible arm 24-702-03-07

Acoplamiento, girable y se puede fijar en todas las posturas para sujetar un brazo 24-702-03-07

Tête d'accouplement, rotative, peut être fixée en toute position, pour tenir 1 bras flexible 24-702-03-07

Testa accoppiamento, girevole, può essere fissata in qualsiasi posizione, supporta 1 braccio flessibile 24-702-03-07

Spatel

Spatulas
Espátulas
Spatules
Spatole



15-975-13-01
20 cm / 7 7/8"
13 mm

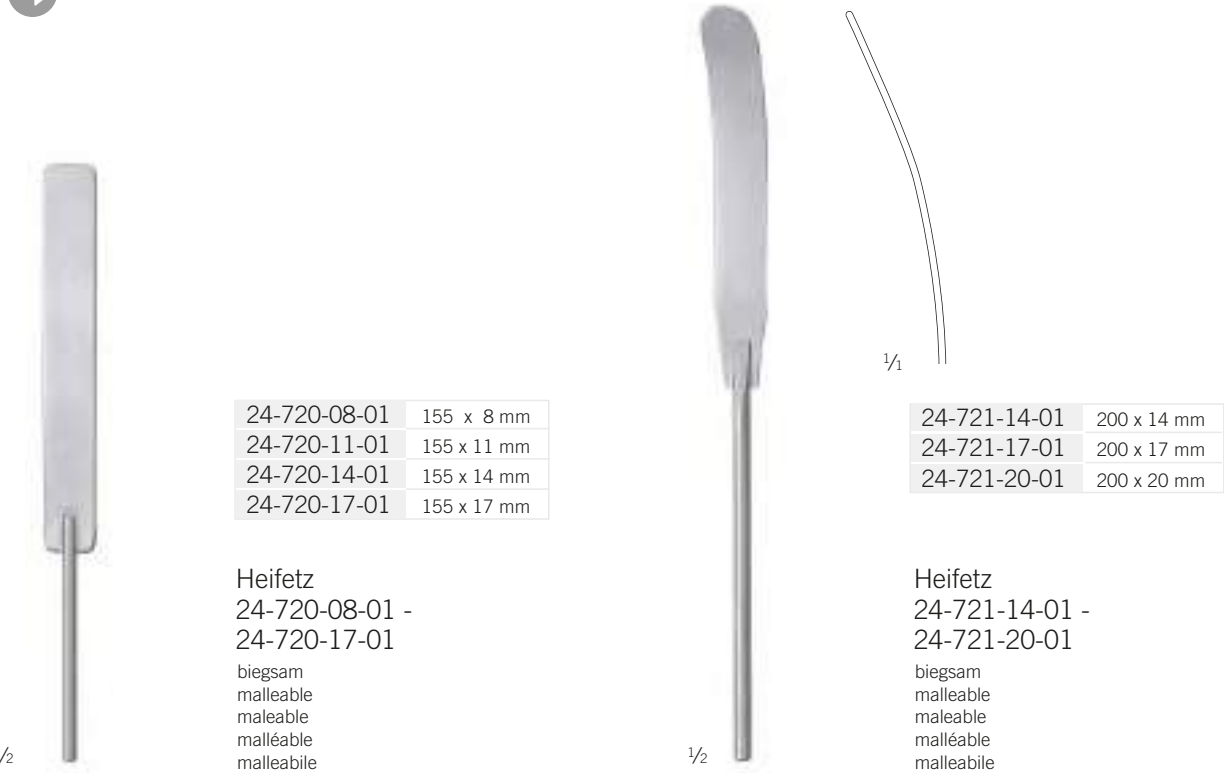
15-975-16-01
20 cm / 7 7/8"
16 mm

24-535-18-07
18,5 cm / 7 2/8"

24-535-21-07
21,5 cm / 8 4/8"

Martin
15-975-13-01 -
15-975-16-01
biegsam, sehr weich
malleable, very soft
maleable, muy blando
malléable, très souple
malleabile, molto dolce

24-535-18-07 -
24-535-21-07
Intimaspatel
Intima Spatulas
Espátulas para la íntima
Spatules pour la tunique interne
Spatole per intima



24-720-08-01	155 x 8 mm
24-720-11-01	155 x 11 mm
24-720-14-01	155 x 14 mm
24-720-17-01	155 x 17 mm

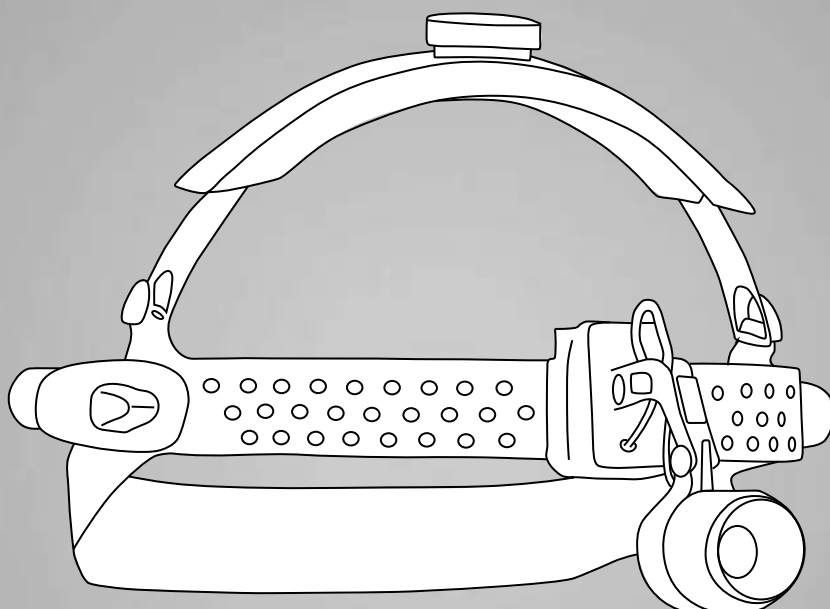
24-721-14-01	200 x 14 mm
24-721-17-01	200 x 17 mm
24-721-20-01	200 x 20 mm

Heifetz
24-720-08-01 -
24-720-17-01
biegsam
malleable
maleable
malléable
malleabile

Heifetz
24-721-14-01 -
24-721-20-01
biegsam
malleable
maleable
malléable
malleabile



Diagnostik
Diagnostics
Diagnóstico
Diagnostic
Diagnostica



Spezial-Produkte

Special Products

Produits spéciaux

Prodotti speciali

Productos especiales

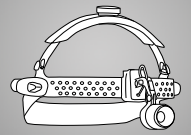
Informationen zu den KLS-Martin-Stirnleuchten
entnehmen Sie bitte der separaten Broschüre „MedLED® Spectra“.

Please refer to the separate brochure for information
about KLS-Martin headlamps “MedLED® Spectra”.

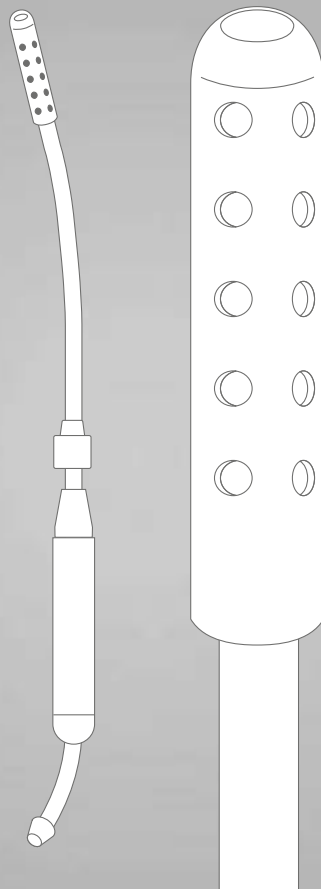
Encontrará información sobre las lámparas frontal
de KLS-Martin en el folletos individual “MedLED® Spectra”.

Veuillez vous reporter au brochure séparée pour obtenir des informations
détaillées relatives aux lampes frontales «MedLED® Spectra» .

Per informazioni sulle lampada frontale di KLS Martin,
consultare le brochure separate KLS Martin “MedLED® Spectra”.



Sauger, Kanülen
Suction Tubes, Cannulas
Tubos de Aspiración, Cánulas
Tubes d'aspiration, Canules
Tubi d'aspirazione, Cannule



Sauger, Saugrohre

Suction cannulas, Suction Tubes
Cánulas de aspiración, Tubos de aspiración
Canules d'aspiration, Tubes d'aspiration
Cannule di'aspirazione, Tubi di aspirazione



	Arbeitslänge working length largo útil longueur utile lunghezza utile	
18-521-31-01	200 mm	Ø 3,0 mm
18-521-21-01	200 mm	Ø 4,0 mm
18-521-51-01	200 mm	Ø 5,0 mm

1/2

Adson
18-521-21-01 -
18-521-51-01
20 cm / 7 7/8"



	Arbeitslänge working length largo útil longueur utile lunghezza utile	
18-522-10-01	240 mm	Ø 3,3 mm

1/2

Ø 3,3 mm
Frazier
18-522-10-01
24 cm / 9 4/8"



	Arbeitslänge working length largo útil longueur utile lunghezza utile	
18-523-06-01	130 mm	Ø 2,0 mm
18-523-07-01	130 mm	Ø 2,3 mm
18-523-08-01	130 mm	Ø 2,7 mm
18-523-09-01	130 mm	Ø 3,0 mm
18-523-10-01	130 mm	Ø 3,3 mm
18-523-11-01	130 mm	Ø 3,6 mm
18-523-12-01	130 mm	Ø 4,0 mm
18-523-13-01	130 mm	Ø 5,0 mm

1/2

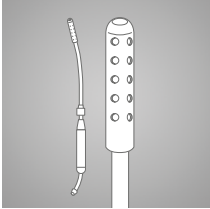
Frazier
18-523-06-01 -
18-523-13-01
19,5 cm / 7 5/8"

Sauger, Saugrohre

Suction cannulas, Suction Tubes
Cánulas de aspiración, Tubos de aspiración
Canules d'aspiration, Tubes d'aspiration
Cannule di'aspirazione, Tubi di aspirazione

Sauger, Kanülen

Suction Tubes, Cannulas
Tubos de Aspiración, Cánulas
Tubes d'aspiration, Canules
Tubi d'aspirazione, Cannule



1/2

Fergusson
18-524-15-01 -
18-524-50-01

	Arbeitslänge working length largo útil longueur utile lunghezza utile	
18-524-15-01	110 mm	Ø 1,5 mm
18-524-20-01	110 mm	Ø 2,0 mm
18-524-25-01	110 mm	Ø 2,5 mm
18-524-30-01	110 mm	Ø 3,0 mm
18-524-40-01	110 mm	Ø 4,0 mm
18-524-50-01	110 mm	Ø 5,0 mm



1/2

Fergusson
18-524-60-01 -
18-524-65-01

	Arbeitslänge working length largo útil longueur utile lunghezza utile	
18-524-60-01	130 mm	Ø 1,5 mm
18-524-61-01	130 mm	Ø 2,0 mm
18-524-62-01	130 mm	Ø 2,5 mm
18-524-63-01	130 mm	Ø 3,0 mm
18-524-64-01	130 mm	Ø 4,0 mm
18-524-65-01	130 mm	Ø 5,0 mm

Sauger, Saugrohre

Suction cannulas, Suction Tubes
Cánulas de aspiración, Tubos de aspiración
Canules d'aspiration, Tubes d'aspiration
Cannule di'aspirazione, Tubi di aspirazione



1/2

Fergusson
18-524-70-01 -
18-524-75-01

	Arbeitslänge working length largo útil longueur utile lunghezza utile	
18-524-70-01	160 mm	Ø 1,5 mm
18-524-71-01	160 mm	Ø 2,0 mm
18-524-72-01	160 mm	Ø 2,5 mm
18-524-73-01	160 mm	Ø 3,0 mm
18-524-74-01	160 mm	Ø 4,0 mm
18-524-75-01	160 mm	Ø 5,0 mm



1/2

Fergusson
18-524-80-01 -
18-524-85-01

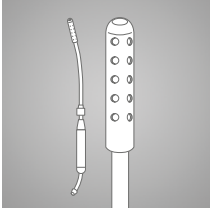
	Arbeitslänge working length largo útil longueur utile lunghezza utile	
18-524-80-01	200 mm	Ø 1,5 mm
18-524-81-01	200 mm	Ø 2,0 mm
18-524-82-01	200 mm	Ø 2,5 mm
18-524-83-01	200 mm	Ø 3,0 mm
18-524-84-01	200 mm	Ø 4,0 mm
18-524-85-01	200 mm	Ø 5,0 mm

Sauger, Saugrohre

Suction cannulas, Suction Tubes
Cánulas de aspiración, Tubos de aspiración
Canules d'aspiration, Tubes d'aspiration
Cannule di'aspirazione, Tubi di aspirazione

Sauger, Kanülen

Suction Tubes, Cannulas
Tubos de Aspiración, Cánulas
Tubes d'aspiration, Canules
Tubi d'aspirazione, Cannule



Poppen
18-525-06-01 -
18-525-12-01

	Arbeitslänge working length largo útil longueur utile lunghezza utile	
18-525-06-01	90 mm	Ø 2,0 mm
18-525-08-01	90 mm	Ø 2,6 mm
18-525-10-01	90 mm	Ø 3,3 mm
18-525-12-01	90 mm	Ø 4,0 mm

Sauger, Saugrohre

Suction cannulas, Suction Tubes
Cánulas de aspiración, Tubos de aspiración
Canules d'aspiration, Tubes d'aspiration
Cannule di'aspirazione, Tubi di aspirazione



1/2

	Saugaufsatz Suction tip Punta de succión Pointe de succion Punta per aspirazione
18-526-07-01	Ø 0,7 mm
18-526-09-01	Ø 0,9 mm



18-526-00-01



1/2

Zoellner
18-526-00-01

Saugkanüle, allein
Suction cannula, only
Tubo de aspiración, solo
Tube d'aspiration, seul
Tubo di aspirazione, solo

Zoellner
18-526-17-01

Saugspitze
suction tip
punta de succión
pointe de succion
punta per aspirazione



18-526-00-01



1/2



1/1

18-527-04-01	Ø 0,4 mm
18-527-06-01	Ø 0,6 mm
18-527-08-01	Ø 0,8 mm

Ø 2,3 mm
Wullstein
18-527-00-01

14 cm / 5 4/8"
komplett mit Griff und drei Aufsätzen
complete, with handle and 3 tips
completo, con mango y 3 puntas
complet, avec manche et 3 pointes
completo, con manico e 3 punte

18-527-04-01 - 18-527-08-01

4,5 cm / 1 6/8"
Mikro-Saugkanüle
Micro suction cannula
Micro-tubo de aspiración
Micro-tube d'aspiration
Micro-tubo di aspirazione



18-527-00-01



1/2

Ø 2,5 mm
Wullstein
18-527-01-01

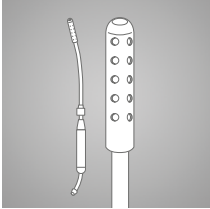
14 cm / 5 4/8"
Handgriff mit Rohr, allein
Handle with tube, only
Mango con tubo, solo
Manche avec tube, seul
Manico con tubo, solo

Sauger, Saugrohre

Suction cannulas, Suction Tubes
Cánulas de aspiración, Tubos de aspiración
Canules d'aspiration, Tubes d'aspiration
Cannule di'aspirazione, Tubi di aspirazione

Sauger, Kanülen

Suction Tubes, Cannulas
Tubos de Aspiración, Cánulas
Tubes d'aspiration, Canules
Tubi d'aspirazione, Cannule



1/2

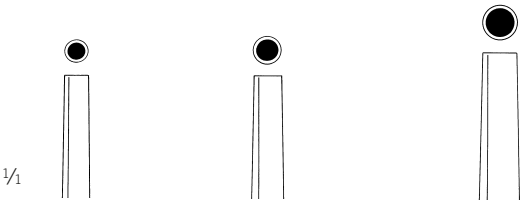
	Arbeitslänge working length largo útil longueur utile lunghezza utile	
18-528-10-01	75 mm	Ø 1,0 mm
18-528-15-01	75 mm	Ø 1,5 mm
18-528-20-01	75 mm	Ø 2,0 mm

Baron-Schuknecht 18-528-10-01 - 18-528-20-01

mit Unterbrecher
with finger cut-off
con placa interruptor
avec plaque interrupteur
con placa interruttore



1/2



Ø 3,0 mm
18-529-30-07
16,5 cm / 6 4/8"
Arbeitslänge
working length
largo útil
longueur utile
lunghezza utile
110 mm

Ø 3,5 mm
18-529-35-07
16,5 cm / 6 4/8"
Arbeitslänge
working length
largo útil
longueur utile
lunghezza utile
110 mm

Ø 4,5 mm
18-529-45-07
18 cm / 7 4/8"
Arbeitslänge
working length
largo útil
longueur utile
lunghezza utile
130 mm



1/2

Luer 18-529-30-07 - 18-529-45-07

konisch
conical
cónico
conique
conico

18-531-01-07

Saughandgriff für Tonsillenkanüle
Suction handle for tonsil cannula
Mango de aspiración para
cánula para amígdalas
Poignée d'aspiration pour
aiguille pour amygdales
Impugnatura di aspirazione
per cannula per tonsille

➔ **18-640-20-07,
18-641-20-07,
18-642-20-07**

Sauger, Saugrohre

Suction cannulas, Suction Tubes
Cánulas de aspiración, Tubos de aspiración
Canules d'aspiration, Tubes d'aspiration
Cannule di'aspirazione, Tubi di aspirazione



1/2

Ø 3,2 mm
Landolt
18-533-01-07
25 cm / 9 7/8"
Sauger für Hypophyse
Suction tube for pituitary
Aspirador para pituitaria
Tube d'aspiration pour hypophyse
Tubo di aspirazione per ipofisi



1/2

Yasargil
18-540-15-01 -
18-540-35-01
17 cm / 6 5/8"

	Arbeitslänge working length largo útil longueur utile lunghezza utile	
18-540-15-01	150 mm	Ø 1,5 mm
18-540-20-01	150 mm	Ø 2,0 mm
18-540-25-01	150 mm	Ø 2,5 mm
18-540-35-01	150 mm	Ø 3,5 mm



1/2

Magill
18-541-30-01 -
18-541-40-01
24,5 cm / 9 5/8"

	Arbeitslänge working length largo útil longueur utile lunghezza utile	
18-541-30-01	185 mm	Ø 3,0 mm
18-541-35-01	185 mm	Ø 3,5 mm
18-541-40-01	185 mm	Ø 4,0 mm

Magill
18-541-99-01
Reinigungsdraht
Cleaning wire
Filo de pulizia
Tige de nettoyage
Alambre de limpieza

Sauger, Saugrohre

Suction cannulas, Suction Tubes

Cánulas de aspiración, Tubos de aspiración

Canules d'aspiration, Tubes d'aspiration

Cannule di'aspirazione, Tubi di aspirazione

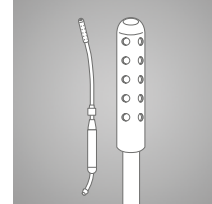
Sauger, Kanülen

Suction Tubes, Cannulas

Tubos de Aspiración, Cánulas

Tubes d'aspiration, Canules

Tubi d'aspirazione, Cannule



18-543-99-98

Saugkopf allein
Suction head, only
Cabezal aspirador solo
Tête de succion unique
Testa aspirazione singola

18-542-99-98

Saugkopf allein
Suction head, only
Cabezal aspirador solo
Tête de succion unique
Testa aspirazione singola



1/2

1/2

Ø 8,0 mm
Baby-Yankauer
18-542-21-01
21 cm / 8 2/8"

Ø 9,4 mm
Yankauer
18-543-27-01
31 cm / 12 2/8"
komplett, mit Saugspitze
und Schlaucholive
complete, with suction tip
and connector
completo, con punta de succion
et raccord
complet, avec pointe de succion
et raccord
completi, con punte d'aspirazione
e raccordo



1/2



1/2



1/2

Ø 4,0 mm
De Bakey-Adson
18-544-16-07
16 cm / 6 2/8"

Ø 4,0 mm
De Bakey-Adson
18-544-20-07
20 cm / 7 7/8"

Ø 9,0 mm
De Bakey-Adson
18-544-28-07
28 cm / 6 2/8"

Sauger, Saugrohre

Suction cannulas, Suction Tubes
Cánulas de aspiración, Tubos de aspiración
Canules d'aspiration, Tubes d'aspiration
Cannule di'aspirazione, Tubi di aspirazione



Yankauer
18-545-00-01
31 cm / 12 2/8"

komplett, mit Griff, 4 Saugrohre Fig. 0/1/2/3,
Saugspitze und Schlaucholive
complete, with handle, 4 tubes fig. 0/1/2/3,
suction tip and tube connector
completo, con mango, 4 tubos, fig. 0/1/2/3,
punta de succión y conector para tubos
complet, avec manche, 4 tubes, fig. 0/1/2/3,
pointe de succion et raccord ou tubes
completi, con manico, 4 tubi, fig. 0/1/2/3,
punta per aspirazione e raccordo per tubi

18-545-00-01

Set bestehend aus:
Set consisting of:
Juego formado por:
Set composé de:
Set composto da:

- 18-545-01-01
- 18-545-02-01
- 18-545-10-01
- 18-545-11-01
- 18-545-12-01
- 18-545-13-01
- 18-545-15-01

18-545-01-01
15 cm / 5 7/8"
Handgriff
Handle
Mango
Manche
Manico

18-545-02-01
2,5 cm / 1"
Schlaucholive
Olive
Oliva
Olive
Oliva

Ø 9,9 mm
18-545-15-01
Saugspitze
suction tip
punta de succión
pointe de succion
punta per aspirazione

Sauger, Saugrohre

Suction cannulas, Suction Tubes

Cánulas de aspiración, Tubos de aspiración

Canules d'aspiration, Tubes d'aspiration

Cannule di'aspirazione, Tubi di aspirazione

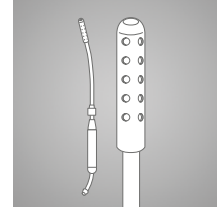
Sauger, Kanülen

Suction Tubes, Cannulas

Tubos de Aspiración, Cánulas

Tubes d'aspiration, Canules

Tubi d'aspirazione, Cannule



1/2

Baby-Poole
18-548-19-01

19 cm / 7 4/8"

Ø 6 mm



1/2

Baby-Poole
18-549-19-01

19 cm / 7 4/8"

Ø 6 mm



1/2

Poole
18-550-22-01

24 cm / 9 4/8"

Ø 10 mm



1/2

Poole
18-551-22-01

25 cm / 9 7/8"

Ø 8 mm

Sauger, Saugrohre

Suction cannulas, Suction Tubes
Cánulas de aspiración, Tubos de aspiración
Canules d'aspiration, Tubes d'aspiration
Cannule di'aspirazione, Tubi di aspirazione



1/2

House
18-553-09-07 -
18-555-09-07
17 cm / 6 5/8"
Saugrohr
Suction tube
Tubo de aspiración
Tube d'aspiration
Tubo di aspirazione

	Saugrohr Suction tube Tubo de aspiración Tube d'aspiration Tubo di aspirazione	Spülrohr Irrigation tube Tubo de irrigación Tube d'irrigation Tubo d'irrigazione
18-553-09-07	Ø 0,9 mm	Ø 0,7 mm
18-554-09-07	Ø 1,2 mm	Ø 0,9 mm
18-555-09-07	Ø 1,5 mm	Ø 1,2 mm



1/2

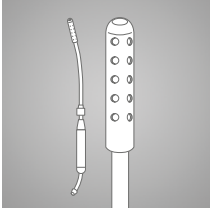
House
18-556-06-07
4,5 cm / 1 5/8"
Saugadapter
Suction adapter
Adaptador de aspiración
Adaptateur d'aspiration
Adattatore di aspirazione

Sauger, Saugrohre

Suction cannulas, Suction Tubes
Cánulas de aspiración, Tubos de aspiración
Canules d'aspiration, Tubes d'aspiration
Cannule di'aspirazione, Tubi di aspirazione

Saugen und Spülen

Suction and irrigation
Aspiración y irrigación
Aspiration et irrigation
Aspirazione e irrigazione



1/2

Fukushima
18-557-03-01 -
18-557-12-01
16 cm / 6 2/8"

	Arbeitslänge working length largo útil longueur utile lunghezza utile	
18-557-03-01	100 mm	Ø 1,0 mm
18-557-04-01	100 mm	Ø 1,3 mm
18-557-05-01	100 mm	Ø 1,7 mm
18-557-06-01	100 mm	Ø 2,0 mm
18-557-07-01	100 mm	Ø 2,3 mm
18-557-08-01	100 mm	Ø 2,7 mm
18-557-09-01	100 mm	Ø 3,0 mm
18-557-10-01	100 mm	Ø 3,3 mm
18-557-12-01	100 mm	Ø 4,0 mm



1/2

Fukushima
18-558-03-01 -
18-558-12-01
18 cm / 7 1/8"

	Arbeitslänge working length largo útil longueur utile lunghezza utile	
18-558-03-01	115 mm	Ø 1,0 mm
18-558-04-01	115 mm	Ø 1,3 mm
18-558-05-01	115 mm	Ø 1,7 mm
18-558-06-01	115 mm	Ø 2,0 mm
18-558-07-01	115 mm	Ø 2,3 mm
18-558-08-01	115 mm	Ø 2,7 mm
18-558-09-01	115 mm	Ø 3,0 mm
18-558-10-01	115 mm	Ø 3,3 mm
18-558-12-01	115 mm	Ø 4,0 mm

Sauger, Saugrohre

Suction cannulas, Suction Tubes

Cánulas de aspiración, Tubos de aspiración

Canules d'aspiration, Tubes d'aspiration

Cannule di'aspirazione, Tubi di aspirazione



1/2

Fukushima
18-559-03-01 -
18-559-12-01

20,5 cm / 8 1/8"

	Arbeitslänge working length largo útil longueur utile lunghezza utile	
18-559-03-01	140 mm	Ø 1,0 mm
18-559-04-01	140 mm	Ø 1,3 mm
18-559-05-01	140 mm	Ø 1,7 mm
18-559-06-01	140 mm	Ø 2,0 mm
18-559-07-01	140 mm	Ø 2,3 mm
18-559-08-01	140 mm	Ø 2,7 mm
18-559-09-01	140 mm	Ø 3,0 mm
18-559-10-01	140 mm	Ø 3,3 mm
18-559-12-01	140 mm	Ø 4,0 mm



1/2

Fukushima
18-560-03-01 -
18-560-12-01

23 cm / 9"

	Arbeitslänge working length largo útil longueur utile lunghezza utile	
18-560-03-01	165 mm	Ø 1,0 mm
18-560-04-01	165 mm	Ø 1,3 mm
18-560-05-01	165 mm	Ø 1,7 mm
18-560-06-01	165 mm	Ø 2,0 mm
18-560-07-01	165 mm	Ø 2,3 mm
18-560-08-01	165 mm	Ø 2,7 mm
18-560-09-01	165 mm	Ø 3,0 mm
18-560-10-01	165 mm	Ø 3,3 mm
18-560-12-01	165 mm	Ø 4,0 mm

Sauger, Saugrohre

Suction cannulas, Suction Tubes

Cánulas de aspiración, Tubos de aspiración

Canules d'aspiration, Tubes d'aspiration

Cannule di'aspirazione, Tubi di aspirazione

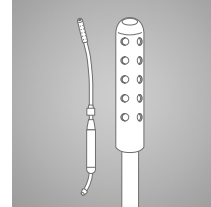
Saugen und Spülen

Suction and irrigation

Aspiración y irrigación

Aspiration et irrigation

Aspirazione e irrigazione



1/2

Cooley
18-561-35-01

36 cm / 14 1/8"

Ø 8 mm



1/2

Cooley
18-563-31-01

31 cm / 12 2/8"

Ø 10 mm

mit perforierter Schraubspitze
with perforated screw tip
con punta perforada y roscada
avec pointe perforée et filetée
con punta perforata e filetta



1/2

Cooley
18-565-30-01

31 cm / 12 2/8"

Ø 7 mm

mit perforierter Schraubspitze
with perforated screw tip
con punta perforada y roscada
avec pointe perforée et filetée
con punta perforata e filetta



1/2

Cooley
18-567-33-01

36 cm / 14 1/8"

Ø 8 mm

mit perforierter Schraubspitze
with perforated screw tip
con punta perforada y roscada
avec pointe perforée et filetée
con punta perforata e filetta

Sauger, Saugrohre

Suction cannulas, Suction Tubes
Cánulas de aspiración, Tubos de aspiración
Canules d'aspiration, Tubes d'aspiration
Cannule di'aspirazione, Tubi di aspirazione



Ø 6 mm
Nuboer
18-569-21-01
21 cm / 8 2/8"
runde Öffnung
round opening
abertura redonda
ouverture ronde
apertura rotonda



Ø 6 mm
Nuboer
18-571-21-01
21 cm / 8 2/8"
ovale Öffnung
oval opening
abertura ovalada
ouverture ovale
apertura ovale



Jamieson
18-572-05-07 -
18-572-15-07
27 cm / 10 6/8"

18-572-05-07	Ø 0,5 mm
18-572-10-07	Ø 1,0 mm
18-572-15-07	Ø 1,5 mm



Jamieson
18-573-05-07 -
18-573-10-07
27 cm / 10 6/8"

18-573-05-07	Ø 0,5 mm
18-573-10-07	Ø 1,0 mm

Sauger, Saugrohre

Suction cannulas, Suction Tubes

Cánulas de aspiración, Tubos de aspiración

Canules d'aspiration, Tubes d'aspiration

Cannule di'aspirazione, Tubi di aspirazione

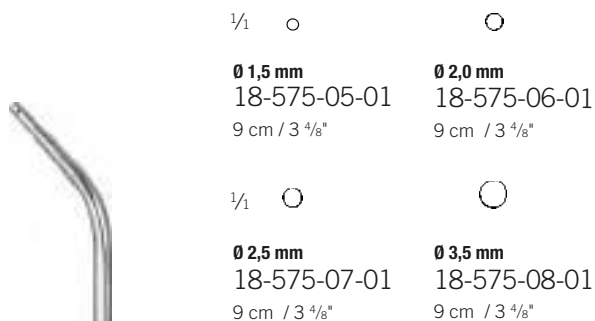
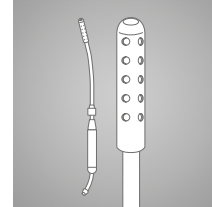
Saugen und Spülen

Suction and irrigation

Aspiración y irrigación

Aspiration et irrigation

Aspirazione e irrigazione

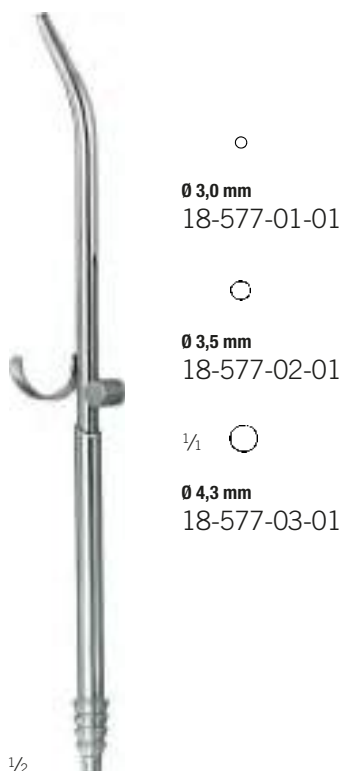


18-575-05-01-
18-575-08-01

Spitze seitlich perforiert
tip laterally perforated
punta perforada lateralmente
pointe côté perforée
punta con perforazione laterale



18-575-24-01



1/2

1/2

Coupland
18-575-24-01

17 cm / 6 5/8"

Handgriff mit Schlauchansatz

Handle with connector

Mango con conexión para tubos

Manche avec connection pour tubes

Manico con raccordo per tubi

Byrd
18-577-01-01 -
18-577-03-01

21,5 cm / 8 1/2"

Sauger, Saugrohre

Suction cannulas, Suction Tubes
Cánulas de aspiración, Tubos de aspiración
Canules d'aspiration, Tubes d'aspiration
Cannule di'aspirazione, Tubi di aspirazione



1/2

18-645-15-07	Ø 1,5 mm
18-645-20-07	Ø 2,0 mm
18-645-25-07	Ø 2,5 mm
18-645-30-07	Ø 3,0 mm

Plester
18-645-15-07 -
18-645-30-07
19,5 cm / 7 5/8"
Saugkanüle
Suction cannula
Cánula de aspiración
Canule d'aspiration
Cannula di aspirazione



1/2

18-646-16-01	1,6 mm
18-646-18-01	1,2 mm
18-646-20-01	1,0 mm
18-646-22-01	0,7 mm
18-646-24-01	0,5 mm

Verhoeven
18-646-18-01 -
18-646-24-01
12 cm / 4 6/8"
Saugkanüle
Suction cannula
Cánula de aspiración
Canule d'aspiration
Cannula di aspirazione



1/2

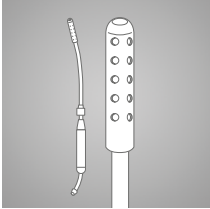
Ø 1,5 mm
18-647-20-07
16 cm / 6 2/8"
Saugkanüle, biegsam
Suction cannula, malleable
Cánula de aspiración, maleable
Canule d'aspiration, malléable
Cannula di aspirazione, malleabile

Sauger, Saugrohre

Suction cannulas, Suction Tubes
Cánulas de aspiración, Tubos de aspiración
Canules d'aspiration, Tubes d'aspiration
Cannule di'aspirazione, Tubi di aspirazione

Sauger, Kanülen

Suction Tubes, Cannulas
Tubos de Aspiración, Cánulas
Tubes d'aspiration, Canules
Tubi d'aspirazione, Cannule



Ø 2,0 mm
Frazier
18-636-20-07
7 cm / 2 ⁶/₈"
Punktion
Puncture
Punción
Ponction
Puntura



Ø 2,5 mm
Frazier
18-636-25-07
10 cm / 3 ⁷/₈"
Punktion
Puncture
Punción
Ponction
Puntura



Ø 2,0 mm
Frazier
18-636-30-07
10 cm / 3 ⁷/₈"
Punktion
Puncture
Punción
Ponction
Puntura



Ø 2,0 mm
Dandy
18-638-20-07
9,5 cm / 3 ⁶/₈"



Ø 2,0 mm
Cushing-Cairns
18-639-23-07
10 cm / 3 ⁷/₈"



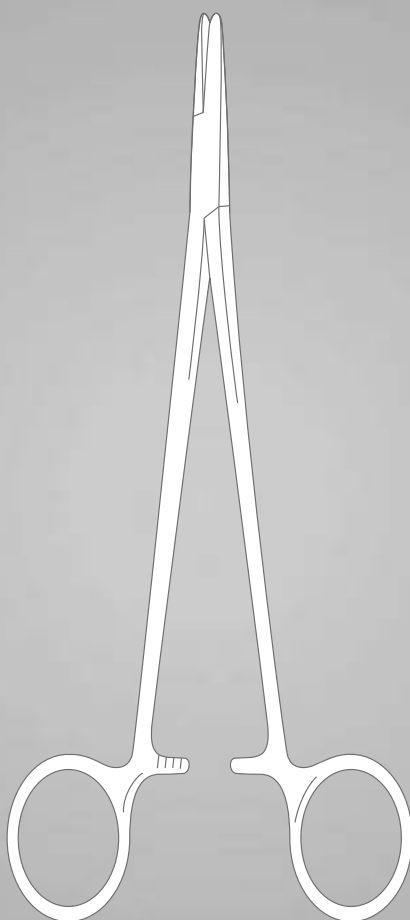
Ø 1,5 mm
18-647-20-07
16 cm / 6 ²/₈"
Saugkanüle, biegsam
Suction cannula, malleable
Cánula de aspiración, maleable
Canule d'aspiration, malléable
Cannula di aspirazione, malleabile



Rosen
18-649-05-01-
18-649-30-01
9,5 cm / 3 ⁶/₈"

18-649-05-01	Ø 0,5 mm
18-649-07-01	Ø 0,7 mm
18-649-08-01	Ø 0,8 mm
18-649-09-01	Ø 0,9 mm
18-649-10-01	Ø 1,0 mm
18-649-12-01	Ø 1,2 mm
18-649-14-01	Ø 1,4 mm
18-649-15-01	Ø 1,5 mm
18-649-18-01	Ø 1,8 mm
18-649-20-01	Ø 2,0 mm
18-649-25-01	Ø 2,5 mm
18-649-30-01	Ø 3,0 mm

Naht
Suture
Sutura
Suture
Sutura



Nadelhalter

Needle Holders

Porta-agujas

Porte-aiguilles

Portaghi

TC GOLD



Webster
20-630-13-07
13 cm / 5 1/8"



Kilner
20-631-13-07
14,5 cm / 5 7/8"



Derf
20-632-12-07
12 cm / 4 5/8"



Hegar-Baumgartner
20-634-13-07 -
20-634-14-07

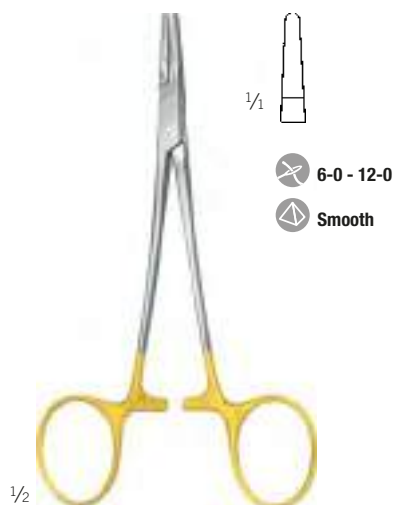


Halsey
20-636-13-07 -
20-637-13-07
13 cm / 5 1/8"





TC GOLD



Webster
20-637-12-07
12 cm / 4 5/8"



Crile-Wood
20-638-15-07
15 cm / 5 7/8"



Crile-Wood
20-638-20-07
20,5 cm / 8 1/8"

Nadelhalter

Needle Holders

Porta-agujas

Porte-aiguilles

Portaghi

TC GOLD



1/1

20-640-18-07

18 cm / 7 1/8"



0-6 - 4-0



Standard



20-640-20-07

20 cm / 7 7/8"



0-6 - 4-0



Standard



20-640-26-07

26 cm / 10 2/8"



0-6 - 4-0



Standard

1/2

Sarot
20-640-18-07 -
20-640-26-07



1/1

20-642-16-07

16 cm / 6 2/8"



0-6 - 4-0



Standard



20-642-18-07

18,5 cm / 7 2/8"



0-6 - 4-0



Standard



20-642-20-07

20 cm / 7 7/8"



0-6 - 4-0



Standard

1/1

20-642-24-07

24 cm / 9 4/8"



0-6 - 4-0



Standard



20-642-26-07

26,5 cm / 10 3/8"



0-6 - 4-0



Standard



20-642-30-07

30 cm / 11 6/8"



0-6 - 4-0



Standard

1/2

Mayo-Hegar
20-642-16-07 - 20-642-30-07



TC GOLD



1/2

Heaney
20-643-20-07 -
20-643-26-07



1/1

20-643-20-07
20,5 cm / 8 1/8"

0-6 - 4-0

Standard



20-643-24-07
24 cm / 9 4/8"

0-6 - 4-0

Standard



20-643-26-07
26,5 cm / 10 3/8"

0-6 - 4-0

Standard



1/2

DeBaKey
20-646-18-07 - 20-646-31-07

schlankes Model
slender pattern
modelo delgado
modèle gracile
modello delicato



1/1

20-646-18-07
18 cm / 7 1/8"

4-0 - 6-0

Mini



20-646-20-07
20,5 cm / 8 1/8"

4-0 - 6-0

Mini



20-646-23-07
23 cm / 9 "

4-0 - 6-0

Mini



1/1

20-646-26-07
26,5 cm / 10 3/8"

4-0 - 6-0

Mini



20-646-31-07
31 cm / 12 2/8"

4-0 - 6-0

Mini

Nadelhalter

Needle Holders

Porta-agujas

Porte-aiguilles

Portaghi

TC GOLD



20-650-13-07
12,5 cm / 4 ⁷/₈"



20-650-15-07
15 cm / 5 ⁷/₈"



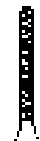
20-650-18-07
18 cm / 7 ¹/₈"



20-650-20-07
20 cm / 7 ⁷/₈"



20-650-23-07
23 cm / 9 "



20-650-26-07
26 cm / 10 ²/₈"



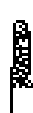
Ryder (Martin)
20-650-13-07 -
20-650-26-07



20-652-15-07
15 cm / 5 ⁷/₈"



20-652-17-07
17 cm / 6 ⁶/₈"



20-652-20-07
20,5 cm / 8 ¹/₈"



Martin
20-652-15-07 -
20-652-20-07

elastisches Modell
elastic tip
modelo elástico
modèle souple
modello molle



TC GOLD



1/2

Martini
20-668-00-07 -
20-668-03-07



1/1

20-668-00-07

14 cm / 5 4/8"



5-0 - 8-0



Smooth



20-668-01-07

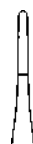
15 cm / 5 7/8"



5-0 - 8-0



Smooth



20-668-02-07

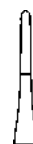
17,5 cm / 6 7/8"



5-0 - 8-0



Smooth



20-668-03-07

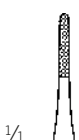
20 cm / 7 7/8"



5-0 - 8-0



Smooth



1/1

20-670-00-07

14 cm / 5 4/8"



5-0 - 8-0



Micro



20-670-01-07

15 cm / 5 7/8"



5-0 - 8-0



Micro



20-670-02-07

17,5 cm / 6 7/8"



5-0 - 8-0



Micro



20-670-03-07

20 cm / 7 7/8"



5-0 - 8-0



Micro

1/2

Martini
20-670-00-07 -
20-670-03-07

schlankes Modell
delicate pattern
modelo delgado
modèle gracile
modelo gracile

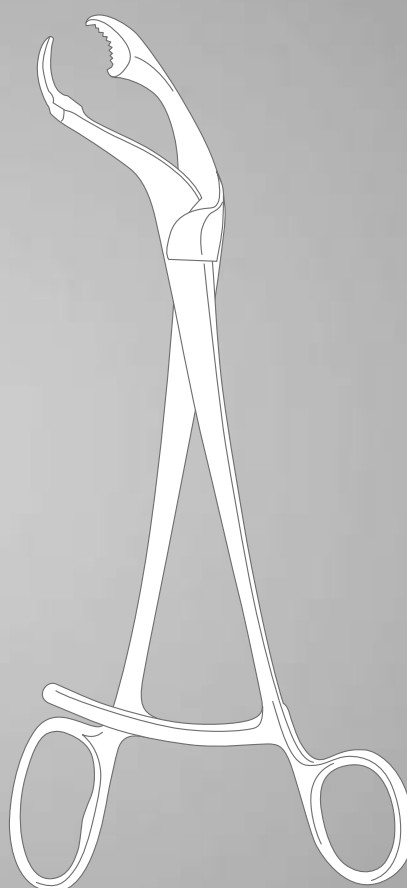
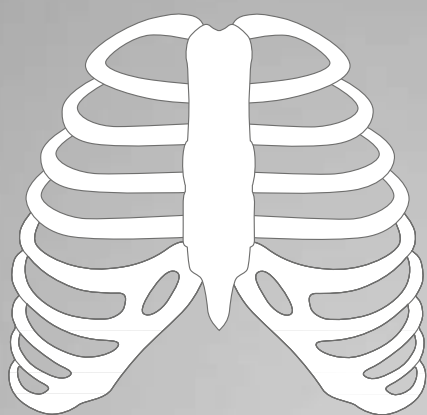
Knochenchirurgie

Bone Surgery

Cirurgía ósea

Chirurgie osseuse

Chirurgia ossea



Handbohrapparate

Hand Drills

Perforadores de mano

Perforateurs à main

Perforatori a mano



1/3

Fig. 1
22-152-01-07



22-152-00-07

Kegelfräser
Conical burr
Fresa cónica
Fraise conique
Fresa cuneiforme



Fig. 2
22-152-02-07



22-152-00-07

Kegelfräser
Conical burr
Fresa cónica
Fraise conique
Fresa cuneiforme



Fig. 3
22-152-03-07



22-152-00-07

Kugelfräser
Spherical burr
Fresa esférica
Fraise sphérique
Fresa sferica



Fig. 4
22-152-04-07



22-152-00-07

Kugelfräser
Spherical burr
Fresa esférica
Fraise sphérique
Fresa sferica



1/3

Fig. 5
22-152-05-07



22-152-00-07

Flachfräser
Flat burr
Taladro cónica
Fraise conique
Trapano cuneiforme



Fig. 6
22-152-06-07



22-152-00-07

Spiralbohrer
Twist drill
Broca espiral
Mèche hélicoïdale
Punta a spirale



Fig. 7
22-152-07-07



22-152-00-07

Bohrer
Burr
Fresa
Fraise
Punta



Fig. 8
22-152-08-07



22-152-00-07

Bohrer
Burr
Fresa
Fraise
Punta



Fig. 9
22-152-09-07



22-152-00-07

Verlängerungsstück
Extension piece
Pieza de prolongación
Pièce de rallonge
Giunto di prolungamento



1/3

Hudson
22-152-00-07

28 cm / 11 "

komplett, mit Fräsern Fig. 1 - 4
und Verlängerungsstück

complete, with burrs no. 1 - 4
and extension piece

completo, con fresas no. 1 - 4
y pieza de extensión

complet, avec fraises no. 1 - 4
et pièce de rallonge

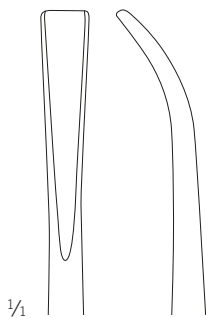
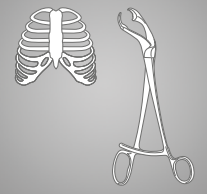
completo, con frese no. 1 - 4
e giunto di prolungamento

Hohlmeißel, Flachmeißel, Osteotome

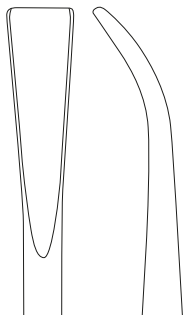
Gouges, Chisels, Osteotomes
Gubias, Cinceles, Osteótomos
Gouges, Ciseaux-burins, Ostéotomes
Sgorbie, Scalpelli, Osteotomi

Knochenchirurgie

Bone Surgery
Cirugía ósea
Chirurgie osseuse
Chirurgia ossea



5,5 mm
23-112-05-04

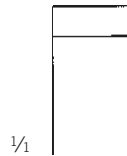


9 mm
23-112-09-04

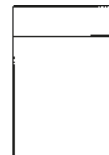


1/2

Zielke
23-112-05-04 -
23-112-09-04
23 cm / 9"



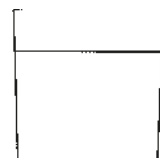
10 mm
23-123-10-07



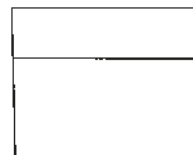
12 mm
23-123-12-07



15 mm
23-123-15-07



20 mm
23-123-20-07



25 mm
23-123-25-07



1/2

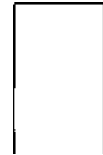
Stille
23-123-10-07 -
23-123-25-07
20,5 cm / 8 1/8"



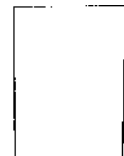
8 mm
23-124-08-07



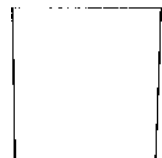
10 mm
23-124-10-07



12 mm
23-124-12-07



15 mm
23-124-15-07



20 mm
23-124-20-07



25 mm
23-124-25-07



1/2

Stille
23-124-08-07 -
23-124-25-07
20,5 cm / 8 1/8"

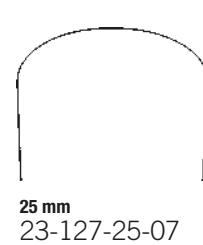
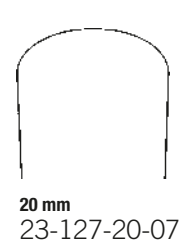
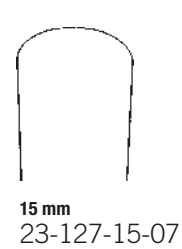
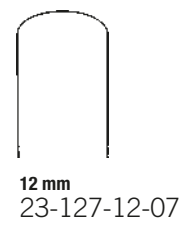
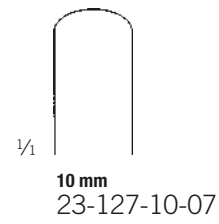
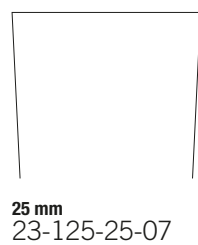
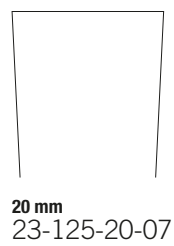
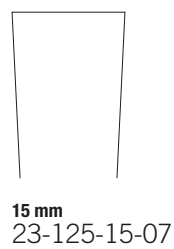
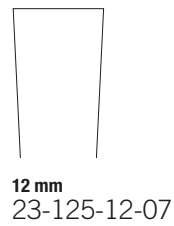
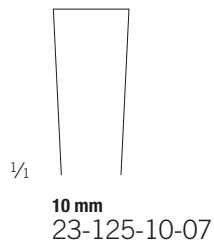
Flachmeißel, Hohlmeißel

Chisels, Gouges

Cinceles, Gubias

Ciseaux-burins, Gouges

Scalpelli, Sgorbie



Stille
23-125-10-07 -
23-125-25-07

20,5 cm / 8 1/8"

fein
delicate
fino
fin
fino

Stille
23-127-10-07 -
23-127-25-07

20,5 cm / 8 1/8"

Meißelklingen, Meißelgriff

Chisel Blades, Chisel Handle

Hojas de cincel, Mango para hojas de cincel

Lames-gouges, Manche pour ciseaux-burins

Lame per sgorbie, Manico per scalpello

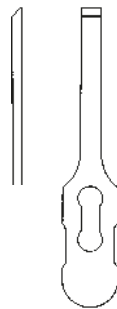
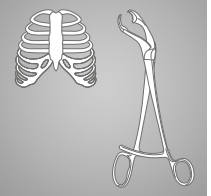
Knochenchirurgie

Bone Surgery

Cirugía ósea

Chirurgie osseuse

Chirurgia ossea



5 mm

23-130-05-07

8 cm / 3 1/8"



23-130-00-04



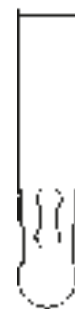
10 mm

23-130-10-07

8 cm / 3 1/8"



23-130-00-04



16 mm

23-130-16-07

8 cm / 3 1/8"



23-130-00-04



25 mm

23-130-25-07

8 cm / 3 1/8"



23-130-00-04

Osteotomklingen, auswechselbar
Osteotome blades, interchangeable
Hojas de osteótomo, intercambiables
Lame per osteotomia, intercambiabili
Lame per osteotomia, intercambiabili



5 mm

23-130-55-07

8 cm / 3 1/8"



23-130-00-04



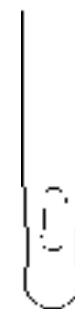
10 mm

23-130-60-07

8 cm / 3 1/8"



23-130-00-04



16 mm

23-130-66-07

8 cm / 3 1/8"



23-130-00-04



25 mm

23-130-85-07

8 cm / 3 1/8"



23-130-00-04

23-130-90-98

Halteschraube

Spare Screw

Tornillo de repuesto

Vis de rechange

Vite di ricambio



23-130-00-04

23-130-99-07

Spannschlüssel

Key

Llave

Clé

Chiave



23-130-00-04



1/2

23-130-00-04

18,5 cm / 7 2/8"

Sic

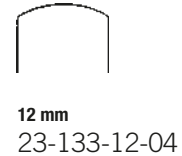
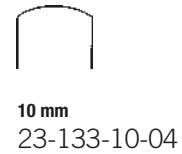
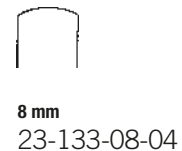
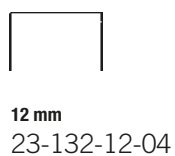
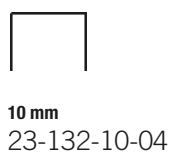
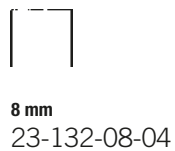
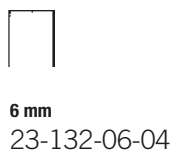
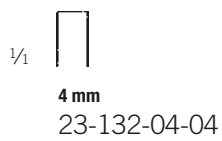
Osteotome, Hohlmeißel

Osteotomes, Gouges

Osteótomos, Gubias

Ostéotomes, Gouges

Osteotomi, Sgorbie



Lexer-Mini
23-132-04-04 -
23-132-12-04
18 cm / 7 1/8"



Lexer-Mini
23-133-04-04 -
23-133-12-04
18 cm / 7 1/8"



Osteotome, Hohlmeißel

Osteotomes, Gouges

Osteótomos, Gubias

Ostéotomes, Gouges

Osteotomi, Sgorbie

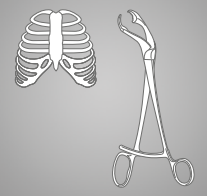
Knochenchirurgie

Bone Surgery

Cirurgia ósea

Chirurgie osseuse

Chirurgia ossea



5 mm

23-134-05-04



7 mm

23-134-07-04



10 mm

23-134-10-04



15 mm

23-134-15-04



20 mm

23-134-20-04



25 mm

23-134-25-04



30 mm

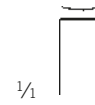
23-134-30-04



1/2

Lexer
23-134-05-04 -
23-134-30-04

22 cm / 8 5/8"



5 mm

23-135-05-04



7 mm

23-135-07-04



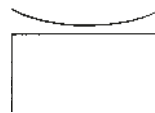
10 mm

23-135-10-04



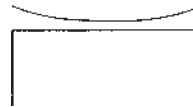
15 mm

23-135-15-04



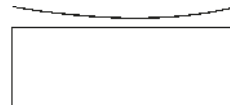
20 mm

23-135-20-04



25 mm

23-135-25-04



30 mm

23-135-30-04



1/2

Lexer
23-135-05-04 -
23-135-30-04

22 cm / 8 5/8"



Osteotome

Osteotomes
Osteótomos
Ostéotomes
Osteotomi



2 mm
23-136-02-07



3 mm
23-136-03-07



4 mm
23-136-04-07



6 mm
23-136-06-07



8 mm
23-136-08-07



10 mm
23-136-10-07



12 mm
23-136-12-07



15 mm
23-136-15-07



3 mm
23-136-53-07



4 mm
23-136-54-07



6 mm
23-136-56-07



8 mm
23-136-58-07



10 mm
23-136-60-07



12 mm
23-136-62-07



15 mm
23-136-65-07



Lambotte-Mini
23-136-02-07 -
23-136-15-07
12,5 cm / 4 7/8"



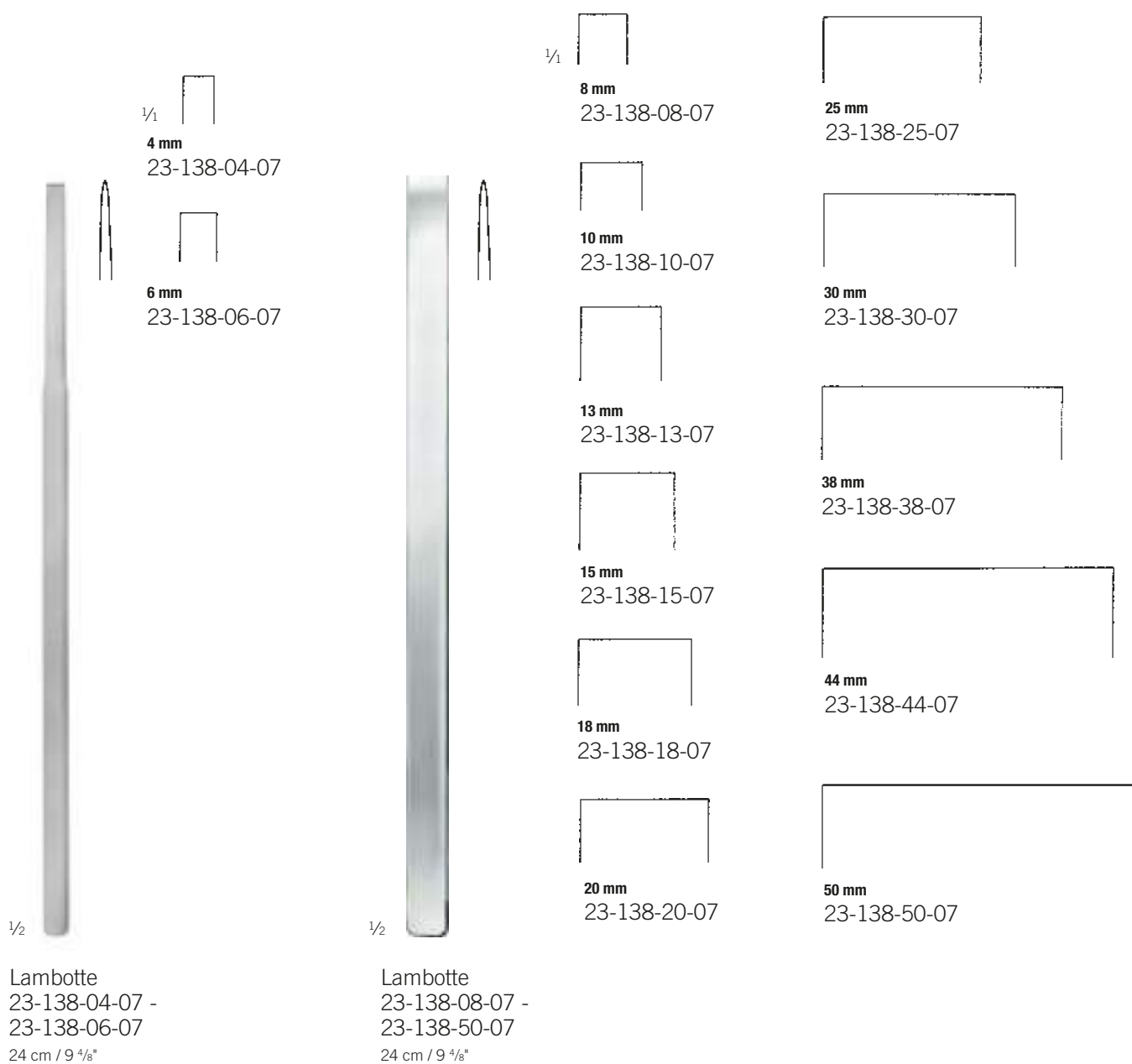
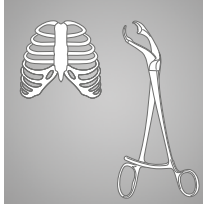
Lambotte-Mini
23-136-53-07 -
23-136-65-07
17 cm / 6 5/8"

Osteotome

Osteotomes
Osteótomos
Ostéotomes
Osteotomi

Knochenchirurgie

Bone Surgery
Cirugía ósea
Chirurgie osseuse
Chirurgia ossea



Osteotome

Osteotomes
Osteótomos
Ostéotomes
Osteotomi

$\frac{1}{4}$ 
4 mm
23-139-04-07

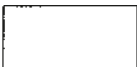

6 mm
23-139-06-07


8 mm
23-139-08-07


10 mm
23-139-10-07


13 mm
23-139-13-07


15 mm
23-139-15-07


18 mm
23-139-18-07


20 mm
23-139-20-07


25 mm
23-139-25-07


30 mm
23-139-30-07


38 mm
23-139-38-07


44 mm
23-139-44-07


50 mm
23-139-50-07



$\frac{1}{2}$

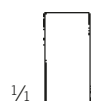
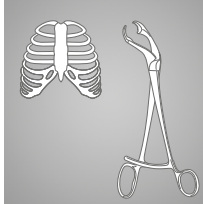
Lambotte
23-139-04-07 -
23-139-50-07
24 cm / 9 $\frac{4}{8}$ "

Osteotome

Osteotomes
Osteótomos
Ostéotomes
Osteotomi

Knochenchirurgie

Bone Surgery
Cirugía ósea
Chirurgie osseuse
Chirurgia ossea



6 mm
23-154-06-07



9 mm
23-154-09-07



13 mm
23-154-13-07



16 mm
23-154-16-07



19 mm
23-154-19-07

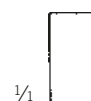


25 mm
23-154-25-07

1/2



Smith-Petersen
23-154-06-07 -
23-154-25-07
20,5 cm / 8 1/8"



6 mm
23-155-06-07



9 mm
23-155-09-07



13 mm
23-155-13-07



16 mm
23-155-16-07



19 mm
23-155-19-07



25 mm
23-155-25-07

1/2



Smith-Petersen
23-155-06-07 -
23-155-25-07
20,5 cm / 8 1/8"

Hohlmeißel, Osteotome

Gouges, Osteotomes

Gubias, Osteótomos

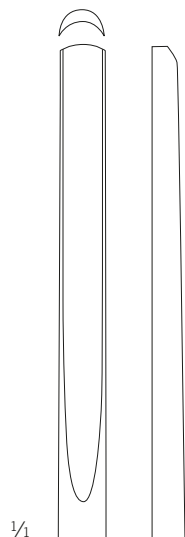
Gouges, Ostéotomes

Sgorbie, Osteotomi

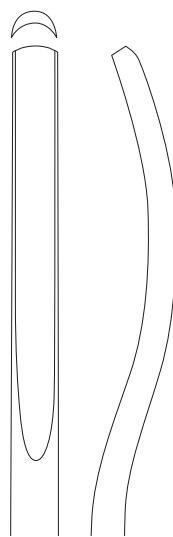


1/2

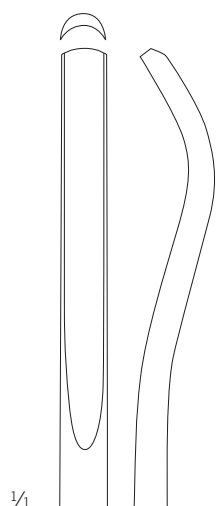
Cobb
23-160-01-04 -
23-160-04-04
28 cm / 11"



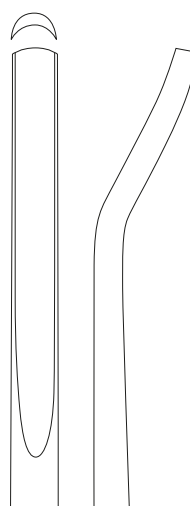
6 mm
23-160-01-04



6 mm
23-160-02-04



6 mm
23-160-03-04



6 mm
23-160-04-04



3 mm
23-162-03-07



5 mm
23-162-05-07



6 mm
23-162-06-07



8 mm
23-162-08-07



9 mm
23-162-09-07

1/2

Hoke
23-162-03-07 -
23-162-09-07
17 cm / 6 7/8"



Septummeißel, Septum-Hohlmeißel

Septum Chisels, Septum Gouges

Cinceles para tabique nasal, Gubias para tabique nasal

Elévateurs pour le périoste, Gouges pour la cloison nasale

Elevatori per il periosto, Sgorbie per il setto nasale

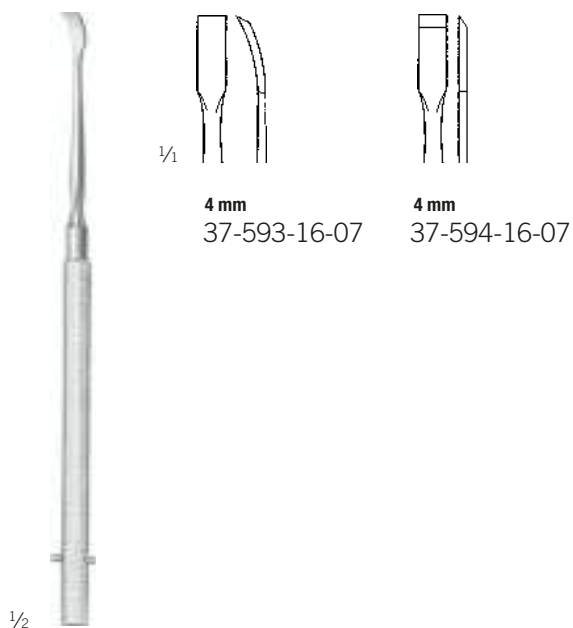
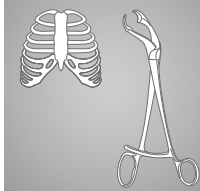
Knochenchirurgie

Bone Surgery

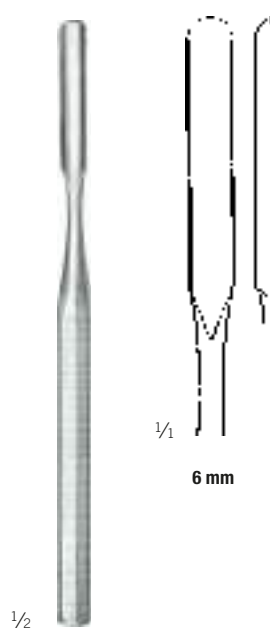
Cirugía ósea

Chirurgie osseuse

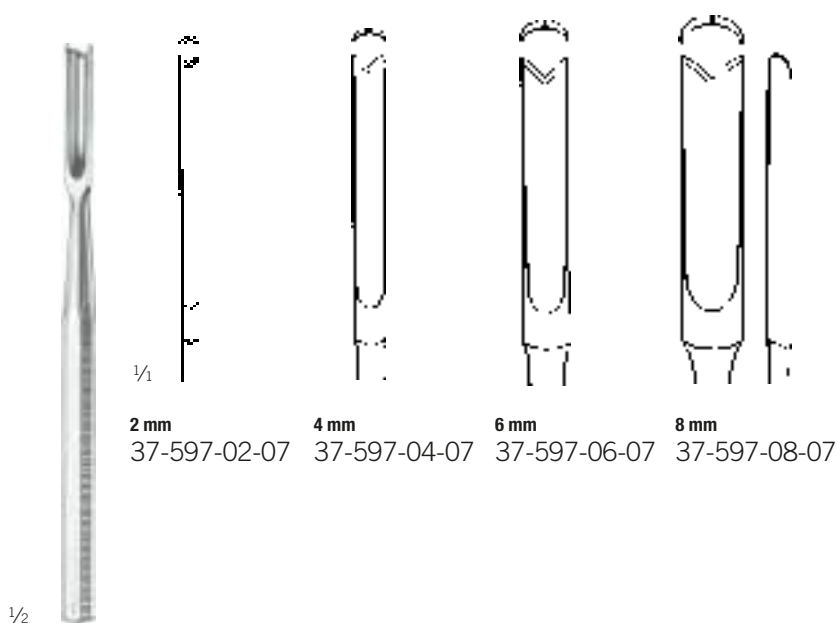
Chirurgia ossea



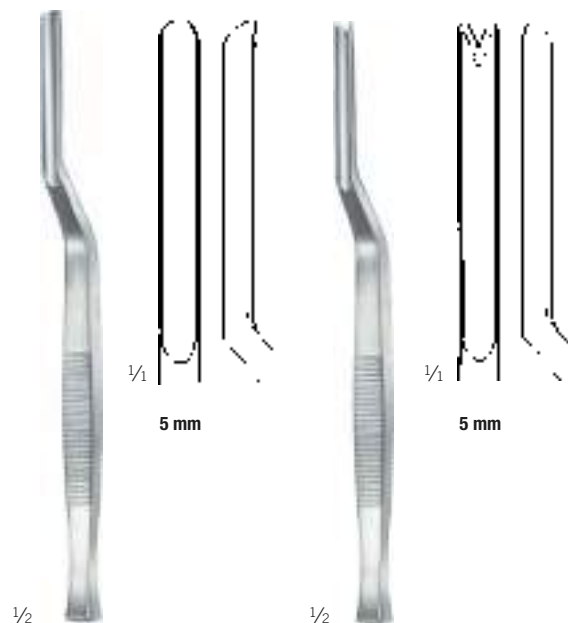
Freer
37-593-16-07 -
37-594-16-07
16,5 cm / 6 5/8"



Freer
37-595-15-07
16 cm / 6 2/8"



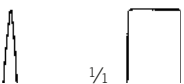
Ballenger
37-597-02-07 -
37-597-08-07
15 cm / 5 7/8"



Killian
37-601-16-07
16 cm / 6 2/8"

Killian-Claus
37-605-16-07
16 cm / 6 2/8"

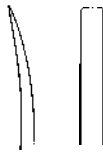
Osteotome
Osteotomes
Osteótomos
Ostéotomes
Osteotomi



1/2

37-606-04-07	4 mm
37-606-07-07	7 mm
37-606-09-07	9 mm
37-606-12-07	12 mm

Cottle
37-606-04-07 -
37-606-12-07
18,5 cm / 7 2/8"



6 mm

1/2

Cottle
37-607-06-07
18,5 cm / 7 2/8"



1/2

37-608-02-07	2 mm
37-608-04-07	4 mm
37-608-07-07	7 mm
37-608-09-07	9 mm
37-608-12-07	12 mm

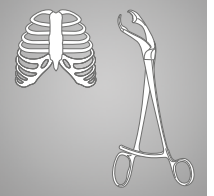
Cottle
37-608-02-07 -
37-608-12-07
18,5 cm / 7 2/8"

Osteotome

Osteotomes
Osteótomos
Ostéotomes
Osteotomi

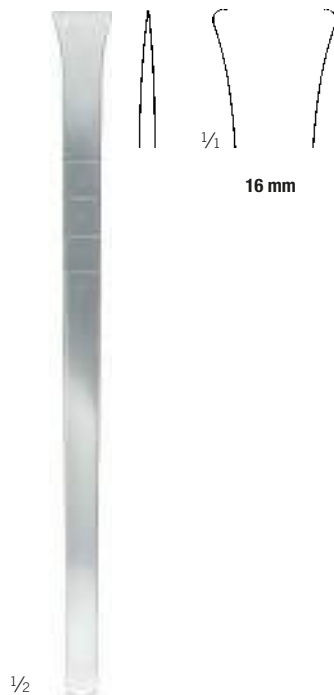
Knochenchirurgie

Bone Surgery
Cirugía ósea
Chirurgie osseuse
Chirurgia ossea



1/2

Cottle
37-609-06-07
18,5 cm / 7 2/8"



1/2

Cottle
37-610-16-07
18,5 cm / 7 2/8"



1/2

Cottle
37-612-16-07
18,5 cm / 7 2/8"

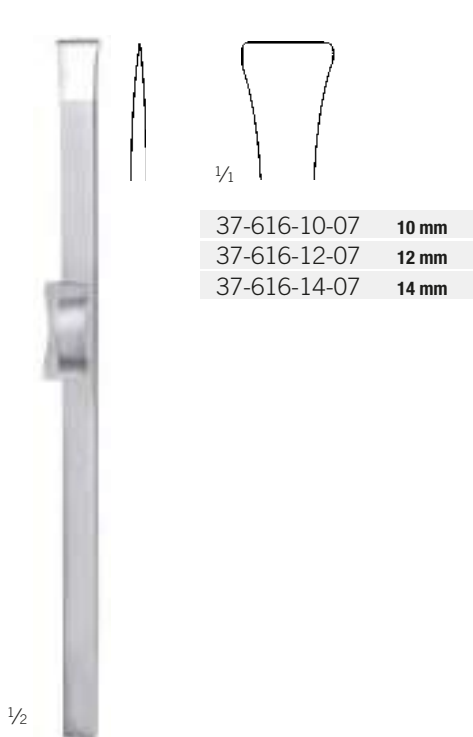
Osteotome, Meißel

Osteotomes, Chisels

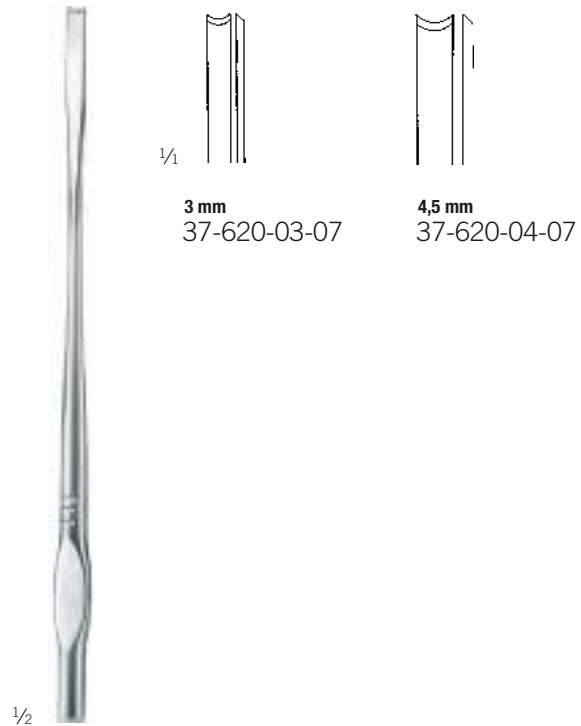
Osteótomos, Cinceles

Ostéotomes, Ciseaux-burins

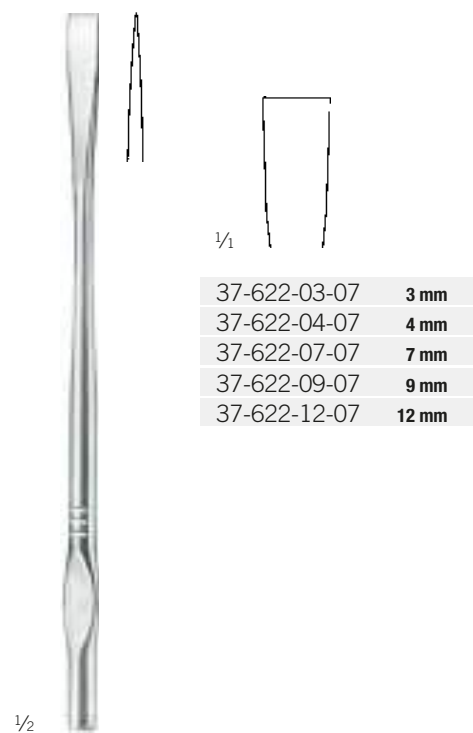
Osteotomi, Scalpelli



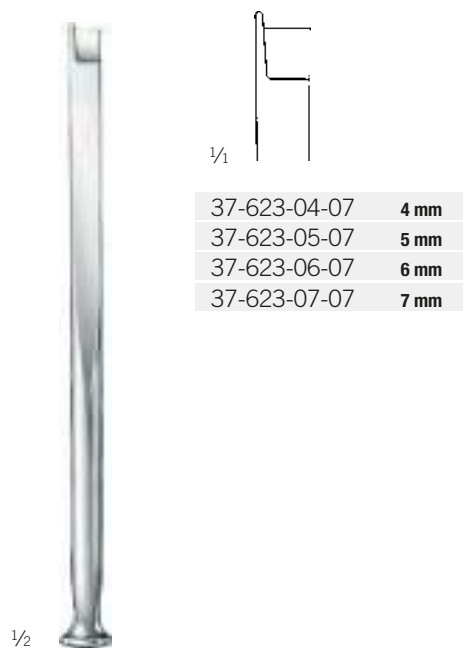
Rubin
37-616-10-07 -
37-616-14-07
18,5 cm / 7 ²/₈"



Walter
37-620-03-07 -
37-620-04-07
19 cm / 7 ⁴/₈"



Walter
37-622-03-07 -
37-622-12-07
19 cm / 7 ⁴/₈"



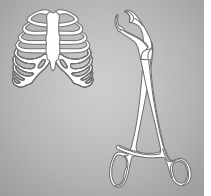
Fomon
37-623-04-07 -
37-623-07-07
16 cm / 6 ²/₈"

Stößel

Tamper
Punzón
Pilon
Pestone

Knochenchirurgie

Bone Surgery
Cirugía ósea
Chirurgie osseuse
Chirurgia ossea



1/1

23-197-03-04

Ø 3 mm



23-197-05-04

Ø 5 mm



23-197-08-04

Ø 8 mm

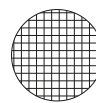


1/2

Caspar
23-197-03-04 -
23-197-08-04
22 cm / 8 5/8"

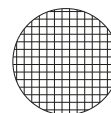
Sic

1/1



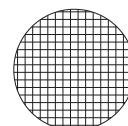
23-199-12-04

Ø 12 mm



23-199-14-04

Ø 14 mm



23-199-16-04

Ø 16 mm



1/2

23-199-12-04 -
23-199-16-04
20 cm / 8"

Sic

Hämmer

Mallets
Martillos
Maillets
Martelli

Ø Kopf Kopfgewicht
Ø Head Head weight
Ø Cabeza Peso de la cabeza
Ø Tête Poids de tête
Ø Testa Peso della testa
34 mm 460 g

Ø Kopf Kopfgewicht
Ø Head Head weight
Ø Cabeza Peso de la cabeza
Ø Tête Poids de tête
Ø Testa Peso della testa
30 mm 200 g



1/2

Cottle
23-215-19-07
19 cm / 7 4/8"
plan/konvex
plane / convex
plano / convexo
plan / convexe
plano / convesso

Gesamtgewicht
Total weight
Peso total
Poids total
Peso totale
300 g



23-256-00-04
Ersatzbacke
Spare facing
Tapa de repuesto
Plaque de rechange
Placche di ricambio

➔ 23-240-29-04,
23-254-22-04



1/2

23-240-29-04
25 cm / 9 7/8"
plan (Kunststoff), konvex (Stahl),
plane (nylon), convex (steel),
plano (nilón), convexo (acero),
plan (nylon), convexe (acier),
plano (nilon), convesso (acciaio),



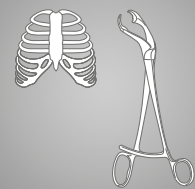
Gesamtgewicht
Total weight
Peso total
Poids total
Peso totale
700 g

Hämmer

Mallets
Martillos
Maillets
Martelli

Knochenchirurgie

Bone Surgery
Cirugía ósea
Chirurgie osseuse
Chirurgia ossea



Ø Kopf
Ø Head
Ø Cabeza
Ø Tête
Ø Testa

Kopfgewicht
Head weight
Peso de la cabeza
Poids de tête
Peso della testa

34 mm

270 g



23-256-00-04

Ersatzbacke
Spare facing
Tapa de repuesto
Plaque de rechange
Placche di ricambio



23-240-29-04,
23-254-22-04

1/2

23-254-22-04

25 cm / 9 7/8"



Gesamtgewicht
Total weight
Peso total
Poids total
Peso totale

510 g

Ø Kopf
Ø Head
Ø Cabeza
Ø Tête
Ø Testa

Kopfgewicht
Head weight
Peso de la cabeza
Poids de tête
Peso della testa

25 mm

130 g



23-262-90-98

Ersatzbacken (Paar)
Spare facings (pair)
Tapas de repuesto (par)
Plaques de rechange (paire)
Placche di ricambio (paio)



23-262-19-04

1/2

23-262-19-04

19 cm / 7 4/8"



Gesamtgewicht
Total weight
Peso total
Poids total
Peso totale

260 g

Scharfe Löffel

Bone Curettes

Cucharillas cortantes

Curettes tranchantes

Curette taglienti

1/1

2,5 mm

Fig. 0000

23-280-40-04

0

3,0 mm

Fig. 000

23-280-30-04

1/1

4,5 mm

Fig. 0

23-282-10-04

5,5 mm

Fig. 1

23-282-01-04

3,5 mm

Fig. 00

23-280-20-04

4,5 mm

Fig. 0

23-280-10-04

6,0 mm

Fig. 2

23-282-02-04

7 mm

Fig. 3

23-282-03-04

5,5 mm

Fig. 1

23-280-01-04

6,0 mm

Fig. 2

23-280-02-04

8,5 mm

Fig. 4

23-282-04-04

7,0 mm

Fig. 3

23-280-03-04

8,5 mm

Fig. 4

23-280-04-04

9,5 mm

Fig. 5

23-280-05-04

11,5 mm

Fig. 6

23-280-06-04

1/2



Volkman
23-280-01-04 -
23-280-40-04

17 cm / 6 5/8"

oval
oval
ovalada
ovale
ovala

1/2



Volkman
23-282-01-04 -
23-282-10-04

27 cm / 10 5/8"

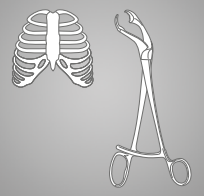
oval
oval
ovalada
ovale
ovala

Scharfe Löffel

Bone Curettes
Cucharillas cortantes
Curettes tranchantes
Curette taglienti

Knochenchirurgie

Bone Surgery
Cirugía ósea
Chirurgie osseuse
Chirurgia ossea



1/1



3,0 mm
Fig. 0000
23-304-40-07



3,7 mm
Fig. 000
23-304-30-07

1/1



2,8 mm
Fig. 0000
23-306-40-07



4,5 mm
Fig. 00
23-304-20-07



5,2 mm
Fig. 0
23-304-10-07



3,6 mm
Fig. 000
23-306-30-07



6,8 mm
Fig. 1
23-305-01-07



8,5 mm
Fig. 2
23-305-02-07



4,4 mm
Fig. 00
23-306-20-07



10,0 mm
Fig. 3
23-305-03-07



11,5 mm
Fig. 4
23-305-04-07



5,2 mm
Fig. 0
23-306-10-07



13,0 mm
Fig. 5
23-305-05-07



14,5 mm
Fig. 6
23-305-06-07



1/2

Volkman
23-304-10-07 - 23-305-06-07
17 cm / 6 5/8"
oval, mit Hohlheft
oval, with hollow handle
ovalada, con mango hueco
ovale, avec manche creux
ovale, con manico vuoto



1/2

Daubenspeck
23-306-10-07 - 23-306-40-07
17 cm / 6 5/8"
oval, mit Hohlheft
oval, with hollow handle
ovalada, con mango hueco
ovale, avec manche creux
ovale, con manico vuoto

Scharfe Löffel

Bone Curettes

Cucharillas cortantes

Curettes tranchantes

Curette taglienti



4,8 mm

23-336-25-07



4,8 mm

23-337-25-07



4,8 mm

23-339-25-07



1/2

Scoville

23-336-25-07 -

23-339-25-07

25 cm / 9 7/8"

oval, mit Hohlheft

oval, with hollow handle

ovalada, con mango hueco

ovale, avec manche creux

ovala, con manico vuoto



3,5 mm

Fig. 3

23-340-03-07



4,0 mm

Fig. 4

23-340-04-07



4,5 mm

Fig. 5

23-340-05-07



5,5 mm

Fig. 6

23-340-06-07



1/2

Simon

23-340-03-07 - 23-340-06-07

22,5 cm / 8 7/8"

oval, mit Hohlheft

oval, with hollow handle

ovalada, con mango hueco

ovale, avec manche creux

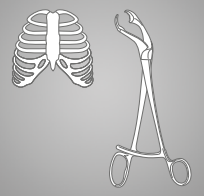
ovale, con manico vuoto

Scharfe Löffel

Bone Curettes
Cucharillas cortantes
Curettes tranchantes
Curette taglienti

Knochenchirurgie

Bone Surgery
Cirugía ósea
Chirurgie osseuse
Chirurgia ossea



$\frac{1}{1}$
6,0 mm
Fig. 1
23-342-01-07



$\frac{1}{1}$
4,8 mm
Fig. 1
23-350-01-07



$\frac{1}{1}$
2,7 mm
Fig. 1
36-743-10-07



5,0 mm
Fig. 0
23-342-10-07



5,8 mm
Fig. 2
23-350-02-07



2,5 mm
Fig. 2
36-743-20-07



4,5 mm
Fig. 00
23-342-20-07



6,8 mm
Fig. 3
23-350-03-07



2,2 mm
Fig. 3
36-743-30-07



3,5 mm
Fig. 000
23-342-30-07



2,0 mm
Fig. 4
36-743-40-07



1,5 mm
Fig. 5
36-743-50-07



$\frac{1}{2}$

23-342-01-07 - 23-342-30-07
25 cm / 9 $\frac{7}{8}$ "
oval, mit Hohlheft
oval, with hollow handle
ovalada, con mango hueco
ovale, avec manche creux
ovale, con manico vuoto



$\frac{1}{2}$

Halle
23-350-01-07 - 23-350-03-07
21 cm / 8 $\frac{2}{8}$ "
oval, biegsamer Schaft, mit Hohlheft
oval, malleable shaft, with hollow handle
ovalada, vástago maleable, con mango hueco
ovale, tige malléable, avec manche creux
ovale, gambo malleabile, con manico vuoto



$\frac{1}{2}$

Lempert
36-743-10-07 - 36-743-50-07
21,5 cm / 8 $\frac{4}{8}$ "
scharf
sharp
agudo
pointu
acuto

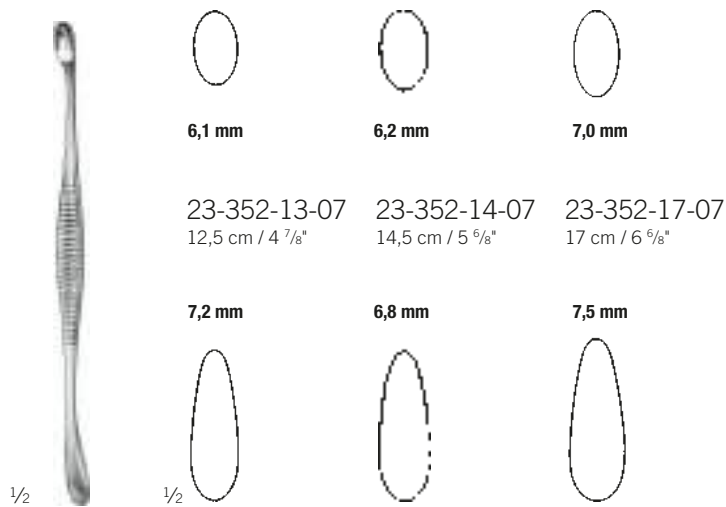
Scharfe Doppellöffel

Bone Curettes, double-ended

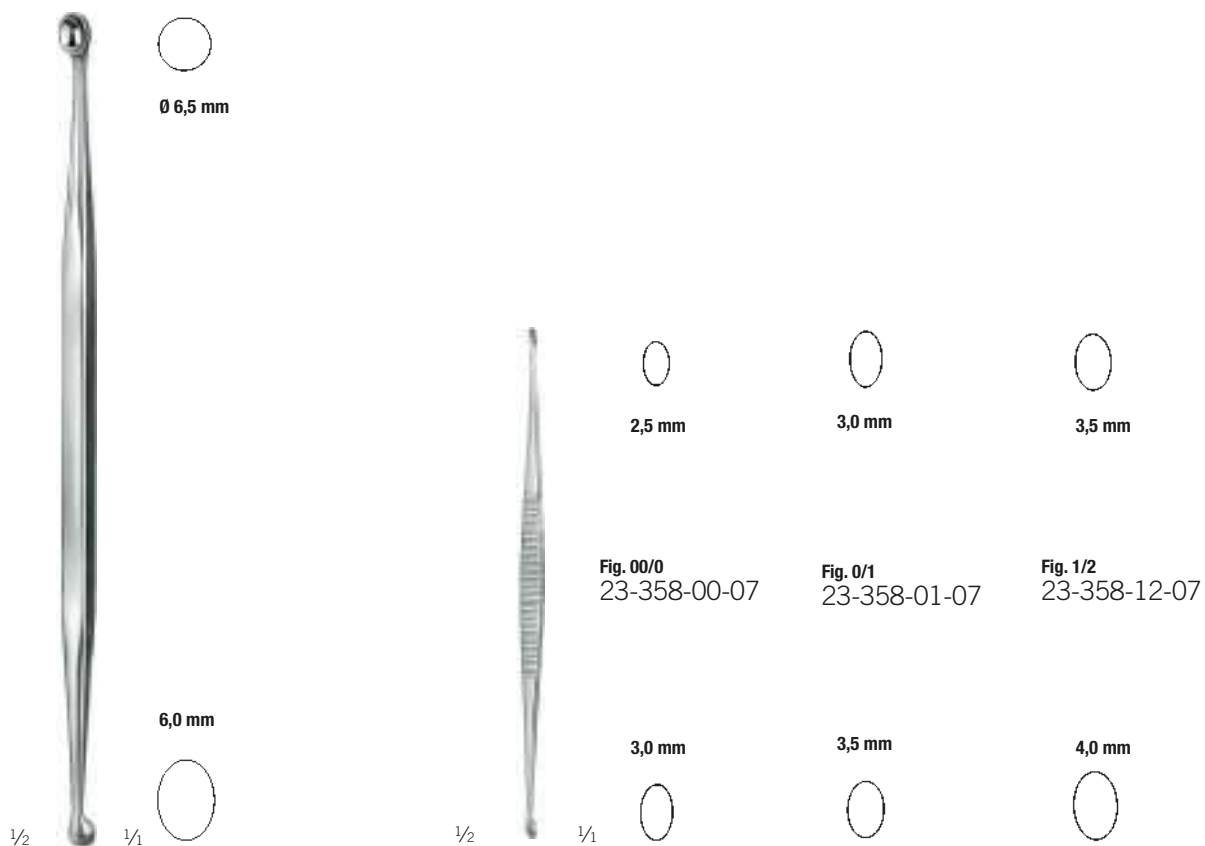
Cucharillas de doble extremo

Curettes doubles

Curette doppie



Volkmann
23-352-13-07 - 23-352-17-07



23-356-21-07
21 cm / 8 2/8"

Williger
23-358-00-07 -
23-358-12-07
14 cm / 5 4/8"
oval
oval
ovalada
ovale
ovala

Scharfe Doppellöffel

Bone Curettes, double-ended

Cucharillas de doble extremo

Curettes doubles

Curette doppie

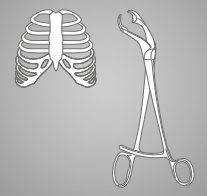
Knochenchirurgie

Bone Surgery

Cirugía ósea

Chirurgie osseuse

Chirurgia ossea



○
2,5 mm

○
3,0 mm

○
3,5 mm

Fig. 00/00
23-359-00-07

Fig. 0/0
23-359-10-07

Fig. 1/1
23-359-11-07

2,5 mm

3,0 mm

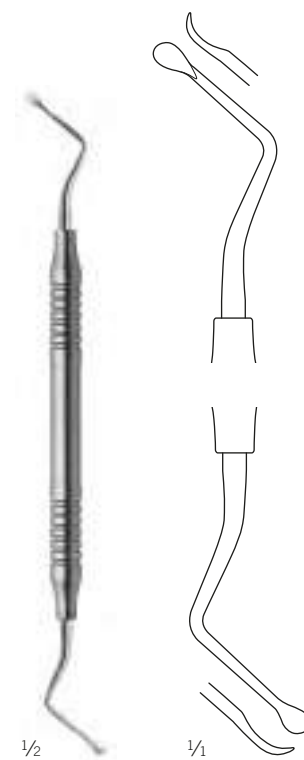
3,5 mm

1/2 1/1 ○

Williger
23-359-00-07 -
23-359-11-07

16,5 cm / 6 7/8"

oval
oval
ovalada
ovale
ovala



1/2 1/1

Lucas-Martin
23-362-11-07

17,5 cm / 6 7/8"

Fig. 1/1

Löffel für die zervikale Mikrodissektomie

Curettes for cervical Microdissectomy
Cucharillas para la microdissectomía cervical
Curettes pour la microdissectomie cervicale
Curette per microdissectomia cervicale

Löffel, zervikal Curette, cervical Cucharilla, cervical Curette, cervicale Curetta, cervicale

			1/1	0	0	0	0
			Fig. 1	Fig. 2	Fig. 3	Fig. 4	
1/1		vorwärts gewinkelt / gerade angled forward / straight acodada adelante / recta angulée vers l'avant / droite angolata in avanti / diritta	21,5 cm / 8 1/8" 24 cm / 9 1/2"	23-997-01-07 23-997-40-07	23-997-02-07 23-997-41-07	23-997-03-07 23-997-42-07	23-997-04-07 23-997-43-07
		vorwärts gewinkelt / gebogen angled forward / curved acodada adelante / curvada angulée vers l'avant / coudée angolata in avanti / curva	21,5 cm / 8 1/8" 24 cm / 9 1/2"	23-997-10-07 23-997-50-07	23-997-11-07 23-997-51-07	23-997-12-07 23-997-52-07	23-997-13-07 23-997-53-07
1/1		rückwärts gewinkelt / gerade angled backward / straight acodada atrás / recta angulée vers l'arrière / droite angolata indietro / diritta	21,5 cm / 8 1/8" 24 cm / 9 1/2"	23-997-20-07 23-997-60-07	23-997-21-07 23-997-61-07	23-997-22-07 23-997-62-07	23-997-23-07 23-997-63-07
		rückwärts gewinkelt / gebogen angled backward / curved acodada atrás / curvada angulée vers l'arrière / coudée angolata indietro / curva	21,5 cm / 8 1/8" 24 cm / 9 1/2"	23-997-30-07 23-997-70-07	23-997-31-07 23-997-71-07	23-997-32-07 23-997-72-07	23-997-33-07 23-997-73-07



1/2

23-997-01-07 -
23-997-73-07

Löffel für die lumbale Mikrodiskektomie

Curettes for lumbar Microdiscectomy

Cucharillas para la microdisectomía lumbar

Curettes pour la microdisectomie lumbaire

Curette per microdiscectomia lumbare

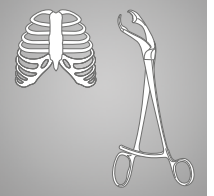
Knochenchirurgie

Bone Surgery

Cirugía ósea

Chirurgie osseuse

Chirurgia ossea



Löffel, lumbal Curette, lumbar Cucharilla, lumbar Curette, lombaire Curetta, lombare

			Fig. 0	Fig. 1	Fig. 2
1/1		vorwärts gewinkelt / gerade angled forward / straight acodada adelante / recta angulée vers l'avant / droite angolata in avanti / diritta	23-998-01-07	23-998-02-07	23-998-03-07
1/1		vorwärts gewinkelt / gebogen angled forward / curved acodada adelante / curvada angulée vers l'avant / coudée angolata in avanti / curva	23-998-10-07	23-998-11-07	23-998-12-07
1/1		vorwärts gewinkelt / abwärts gebogen angled forward / curved downward acodada adelante / curvada abajo angulée vers l'avant / coudée vers le bas angolata in avanti / curva verso il basso	23-998-20-07	23-998-21-07	23-998-22-07
1/1		rückwärts gewinkelt / gerade angled backward / straight acodada atrás / recta angulée vers l'arrière / droite angolata indietro / diritta	23-998-30-07	23-998-31-07	23-998-32-07
1/1		rückwärts gewinkelt / gebogen angled backward / curved acodada atrás / curvada angulée vers l'arrière / coudée angolata indietro / curva	23-998-40-07	23-998-41-07	23-998-42-07
1/1		rückwärts gewinkelt / abwärts gebogen angled backward / curved downward acodada atrás / curvada abajo angulée vers l'arrière / coudée vers le bas angolata indietro / curva verso il basso	23-998-50-07	23-998-51-07	23-998-52-07

1/2

23-998-01-07 -
23-998-52-07

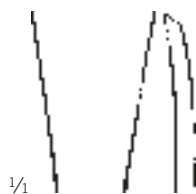
Raspatorien

Periosteal Elevators

Periostótomos

Rugines-raspatoires

Periostotomi



16 mm
23-400-01-07
19 cm / 7 ⁴/₈"



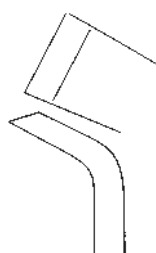
7 mm
23-400-10-07
16 cm / 6 ²/₈"



16 mm
23-400-02-07
20 cm / 7 ⁷/₈"



15 mm
23-400-11-07
18,5 cm / 7 ²/₈"



12 mm
23-400-03-07
19 cm / 7 ⁴/₈"



20 mm
23-400-12-07
19 cm / 7 ⁴/₈"



1/2

Martin-Langenbeck
23-400-01-07 -
23-400-04-07

massiv
solid
macizo
solide
pieno



12 mm
23-400-04-07
18 cm / 7 ¹/₈"



1/2

Martin-Hoen
23-400-10-07 -
23-400-12-07

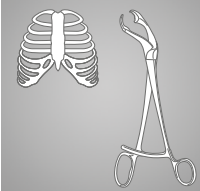
massiv
solid
macizo
solide
pieno

Raspatorien

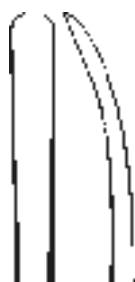
Periosteal Elevators
Periostótomos
Rugines-raspatoires
Periostotomi

Knochenchirurgie

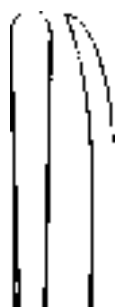
Bone Surgery
Cirugía ósea
Chirurgie osseuse
Chirurgia ossea



4 mm
23-400-20-07
17,5 cm / 7 "



6 mm
23-400-21-07
17,5 cm / 7 "



5 mm
23-400-25-07
19,5 cm / 7 ⁶/₈"



7 mm
23-400-26-07
19,5 cm / 7 ⁶/₈"



8 mm



1/2

Martin-Cushing
23-400-20-07 -
23-400-26-07

massiv
solid
macizo
solide
pieno



1/2

Martin-Cushing
23-400-30-07

17 cm / 6 ⁶/₈"

massiv
solid
macizo
solide
pieno

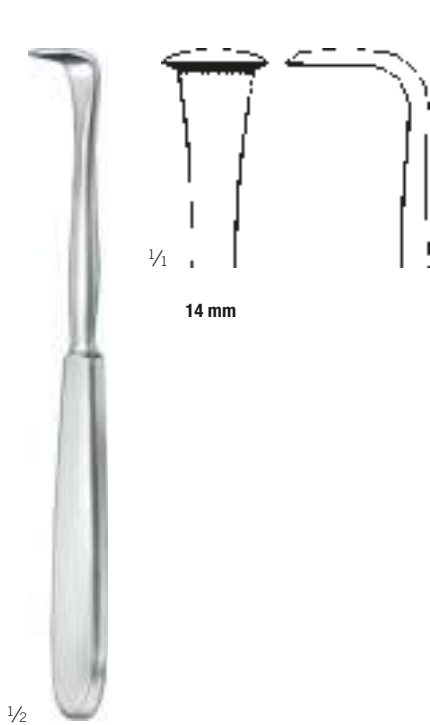
Raspatorien

Periosteal Elevators

Periostótomos

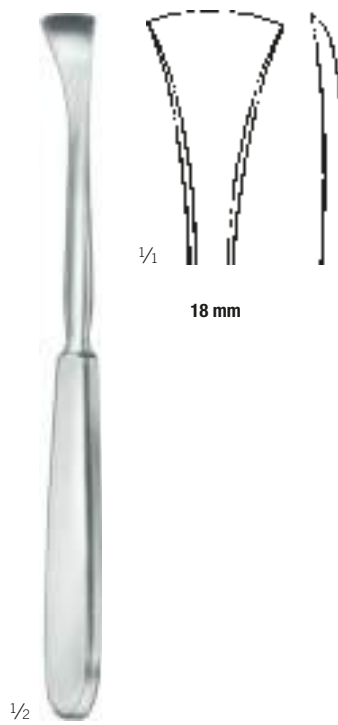
Rugines-raspatoires

Periostotomi



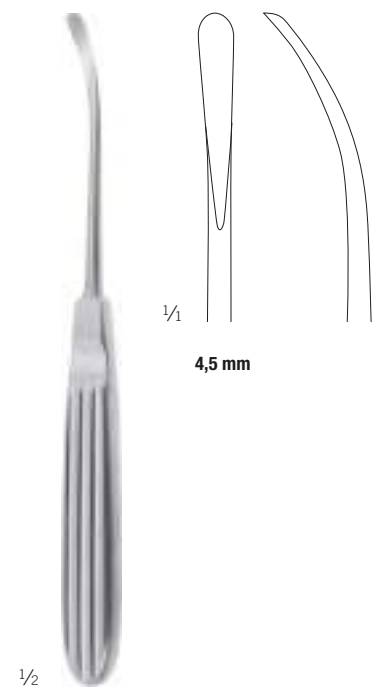
Langenbeck
23-401-18-07

18 cm / 7 1/8"
mit Hohlheft
with hollow handle
con mango hueco
avec manche creux
con manico vuoto



Langenbeck
23-402-19-07

19 cm / 7 4/8"
mit Hohlheft
with hollow handle
con mango hueco
avec manche creux
con manico vuoto



Landolt
23-404-18-07

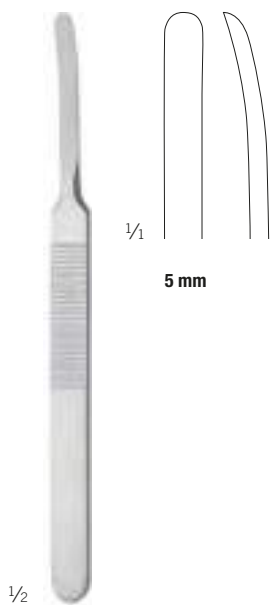
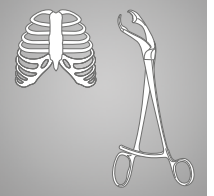
17,5 cm / 6 7/8"

Raspatorien

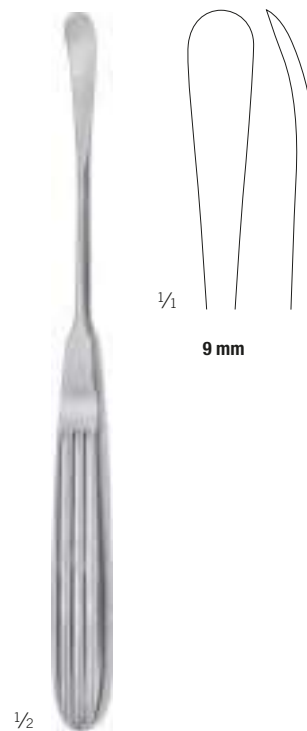
Periosteal Elevators
Periostótomos
Rugines-raspatoires
Periostotomi

Knochenchirurgie

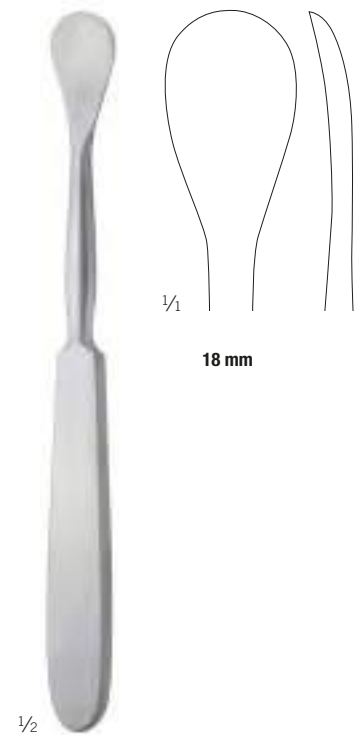
Bone Surgery
Cirugía ósea
Chirurgie osseuse
Chirurgia ossea



König
23-406-16-07
15,5 cm / 6 1/8"



Cottle
23-412-20-07
19,5 cm / 7 5/8"



Sedillot
23-414-19-07
18,5 cm / 7 2/8"

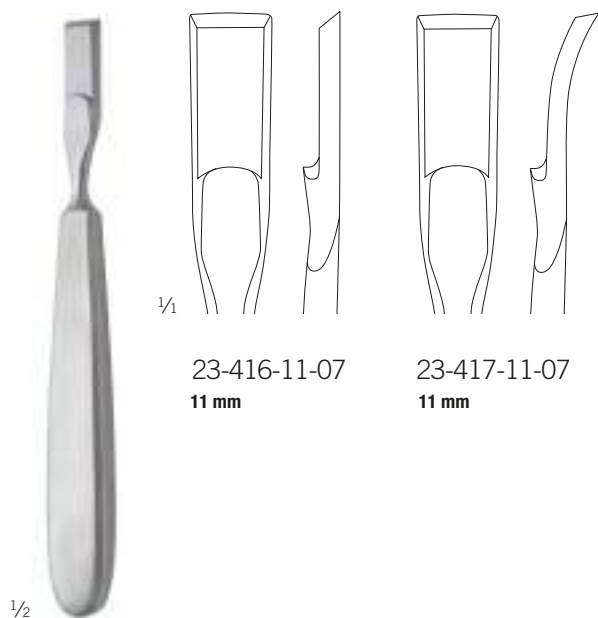
Raspatorien

Periosteal Elevators

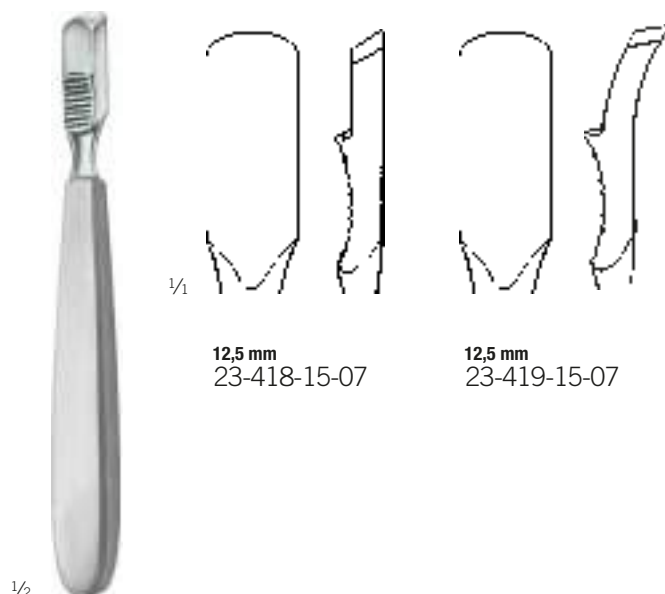
Periostótomos

Rugines-raspatoires

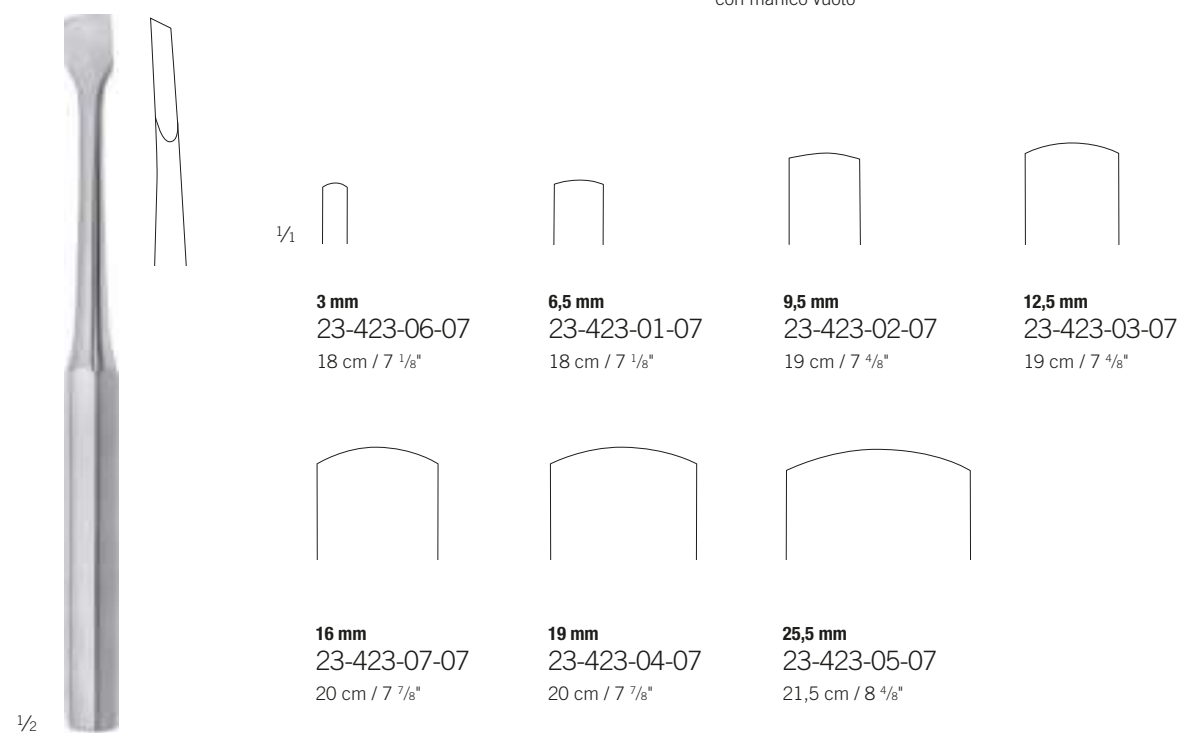
Periostotomi



Farabeuf-Collin
23-416-11-07 - 23-417-11-07
15,5 cm / 6 1/8"



Farabeuf
23-418-15-07 -
23-419-15-07
15,5 cm / 6 1/8"
mit Hohlheft
with hollow handle
con mango hueco
avec manche creux
con manico vuoto



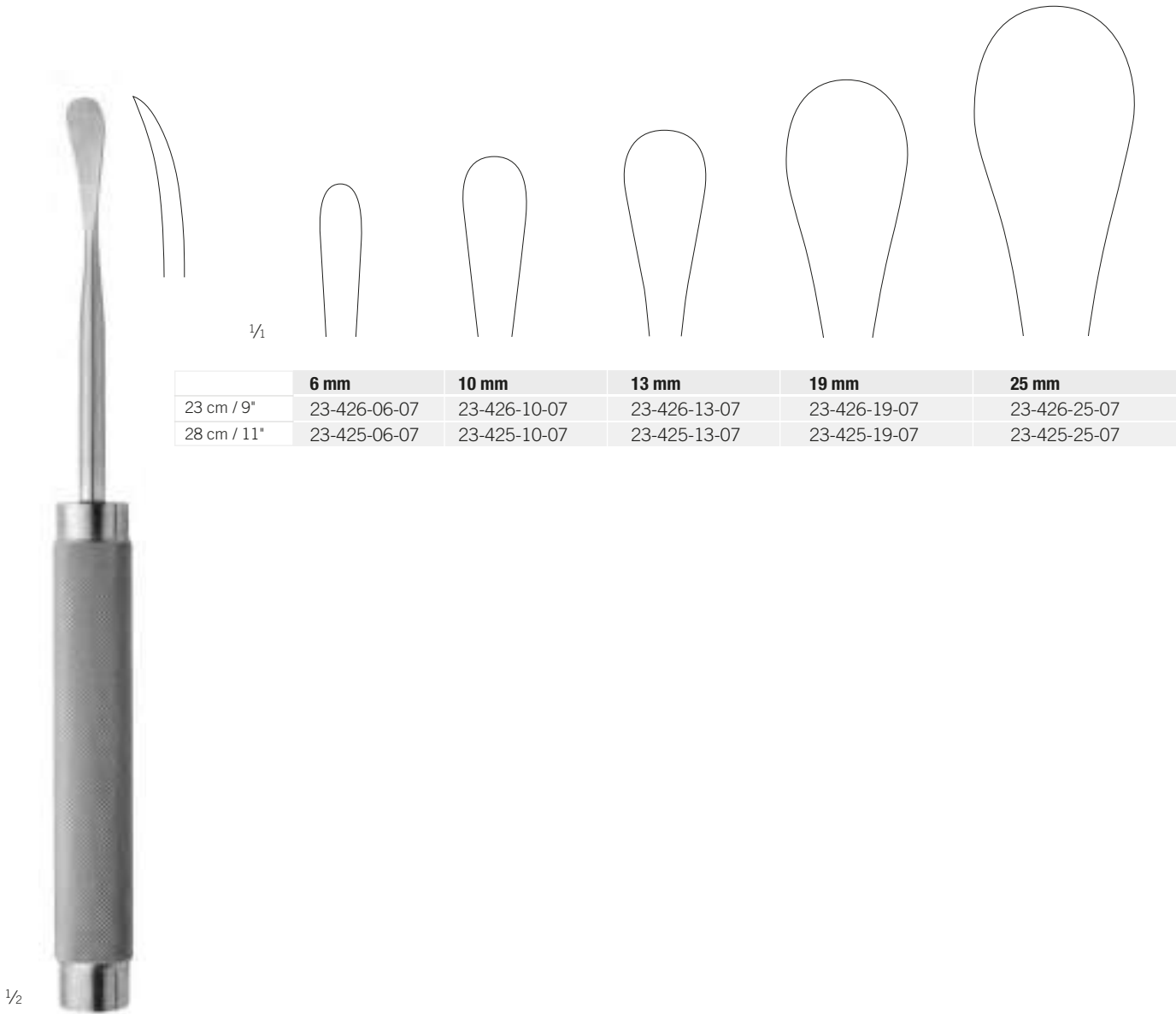
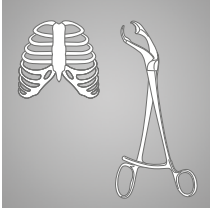
Key
23-423-01-07 -
23-423-07-07

Raspatorien

Periosteal Elevators
Periostótomos
Rugines-raspatoires
Periostotomi

Knochenchirurgie

Bone Surgery
Cirugía ósea
Chirurgie osseuse
Chirurgia ossea



	6 mm	10 mm	13 mm	19 mm	25 mm
23 cm / 9"	23-426-06-07	23-426-10-07	23-426-13-07	23-426-19-07	23-426-25-07
28 cm / 11"	23-425-06-07	23-425-10-07	23-425-13-07	23-425-19-07	23-425-25-07

Cobb
23-425-06-07 -
23-426-25-07

Raspatorien

Periosteal Elevators

Periostótomos

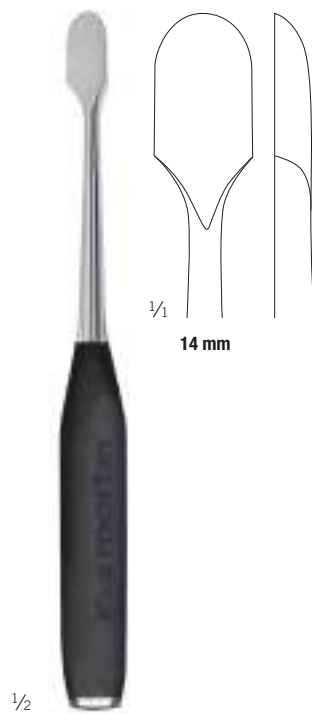
Rugines-raspatoires

Periostotomi



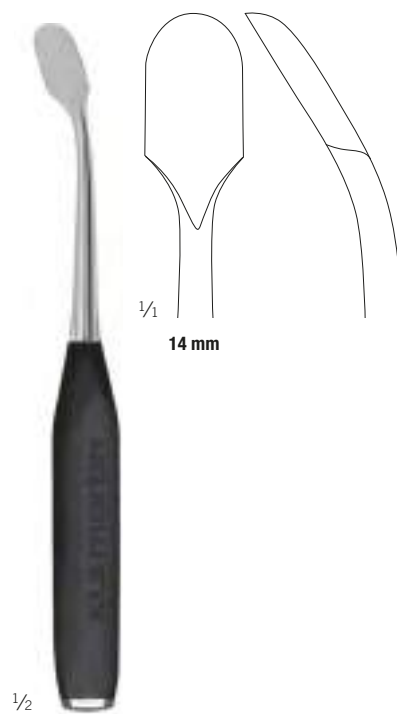
23-428-06-04
20 cm / 8"

Sic



23-429-14-04
20 cm / 8"

Sic



23-432-14-04
20 cm / 8"

Sic



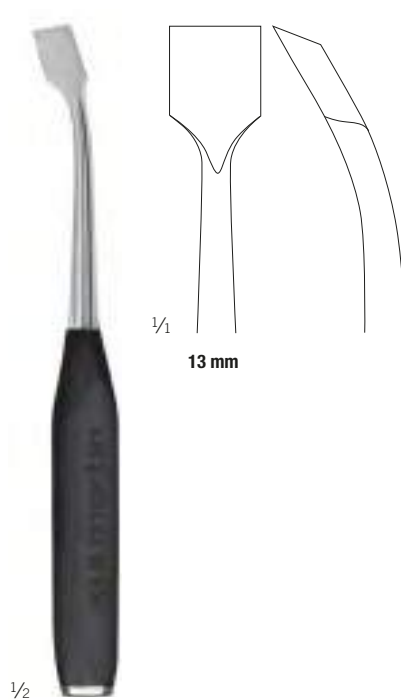
23-432-18-04
20 cm / 8"

Sic



23-433-03-04
20 cm / 8"

Sic



23-433-13-04
20 cm / 8"

Sic



23-433-18-04
20 cm / 8"

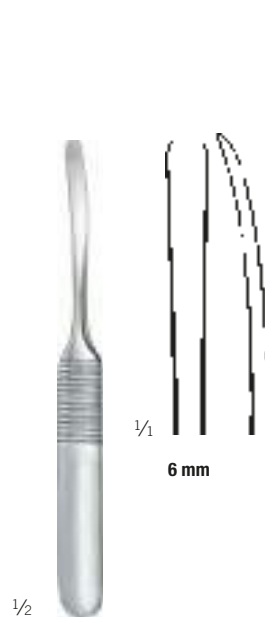
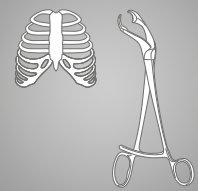
Sic

Raspatorien

Periosteal Elevators
Periostótomos
Rugines-raspatoires
Periostotomi

Knochenchirurgie

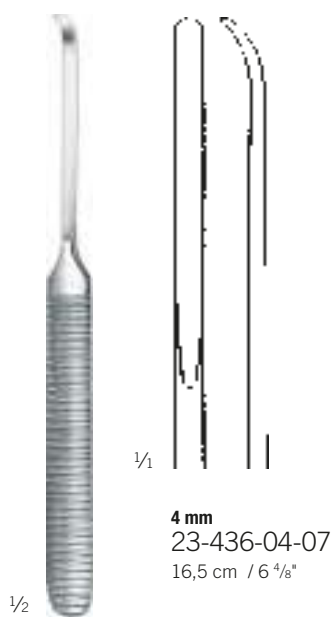
Bone Surgery
Cirugía ósea
Chirurgie osseuse
Chirurgia ossea



Williger
23-434-13-07

12,5 cm / 4 ⁷/₈"

massiv
solid
macizo
solide
pieno



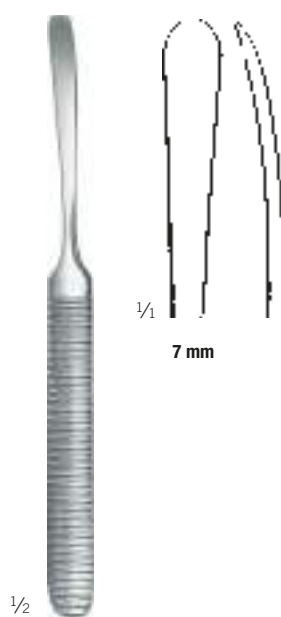
Kahre-Williger
23-436-04-07 -
23-436-05-07

16,5 cm / 6 ⁴/₈"

massiv
solid
macizo
solide
pieno



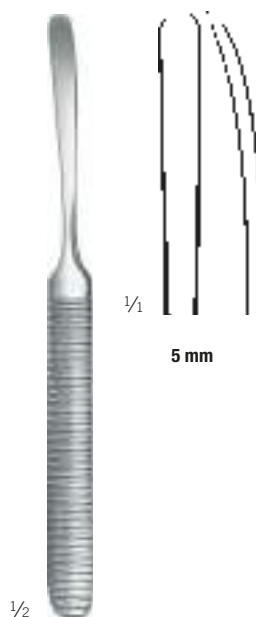
5 mm
23-436-05-07
16,5 cm / 6 ⁴/₈"



Williger
23-436-07-07

16 cm / 6 ⁴/₈"

massiv
solid
macizo
solide
pieno



Williger
23-436-16-07

16 cm / 6 ⁴/₈"

massiv
solid
macizo
solide
pieno

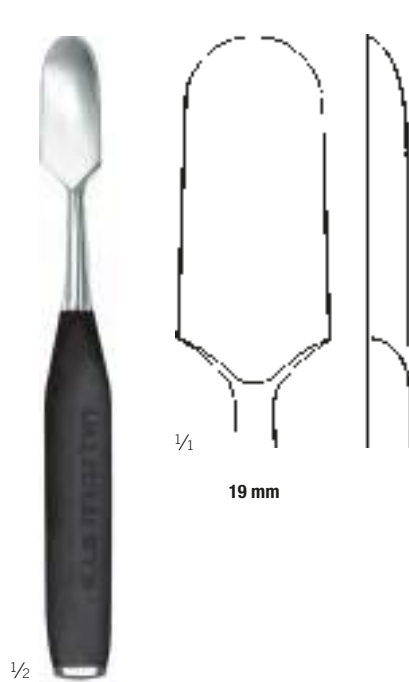
Raspatorien

Periosteal Elevators

Periostótomos

Rugines-raspatoires

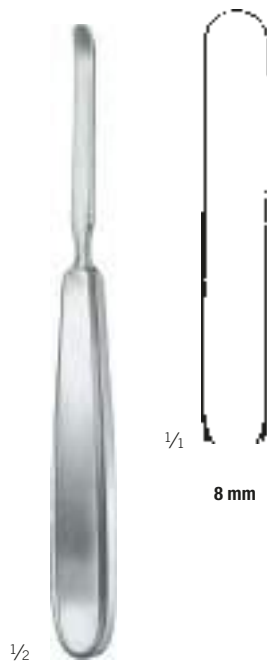
Periostotomi



23-437-20-04

20 cm / 7 7/8"

Sic



23-439-08-07

17 cm / 6 5/8"

mit Hohlheft
with hollow handle
con mango hueco
avec manche creux
con manico vuoto



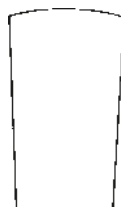
23-461-05-07

5 mm



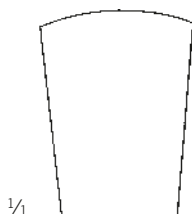
23-461-10-07

10 mm



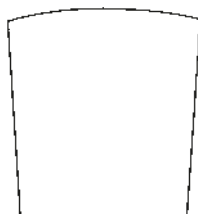
23-461-15-07

15 mm



23-461-20-07

20 mm



23-461-25-07

25 mm

Lambotte

23-461-05-07 - 23-461-25-07

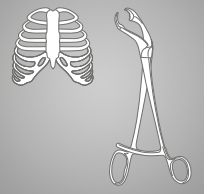
21,5 cm / 8 1/2"

Raspatorien

Periosteal Elevators
Periostótomos
Rugines-raspatoires
Periostotomi

Knochenchirurgie

Bone Surgery
Cirugía ósea
Chirurgie osseuse
Chirurgia ossea



1/2



1/1

7,9 mm
23-484-17-07
17 cm / 6 5/8"



5,0 mm
23-485-17-07
17,5 cm / 6 7/8"



7,7 mm
23-486-17-07
17,5 cm / 6 7/8"



6,3 mm
23-487-17-07
17 cm / 6 5/8"

Adson
23-484-17-07 - 23-487-17-07

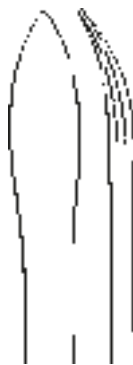


1/2



1/1

7 mm
23-495-20-07
19,5 cm / 7 5/8"



10 mm
23-497-20-07
19,5 cm / 7 5/8"

Langenbeck
23-495-20-07 - 23-497-20-07

Glabellaraspeln, Nasenraspeln

Glabella Rasps, Nasal Rasps

Escofinas para glabella, Escofinas nasales

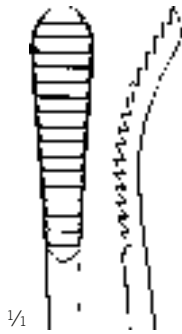
Râpes pour la glabelle, Râpes nasales

Raspe per glabella, Raspe nasali



1/2

Aufricht
37-671-21-07 -
37-673-21-07
21 cm / 8 2/8"

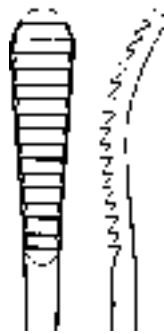


1/1

32 x 9 mm

37-671-21-07

auf Stoss schneidend
pushing cut
cortante a empuje
tranchante à impact
tagliante a urto



32 x 9 mm

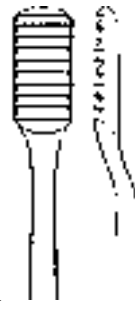
37-673-21-07

auf Zug schneidend
drawing cut
cortante a tracción
tranchante à traction
tagliante a trazione



1/2

Lewis
37-674-18-07 -
37-676-18-07
19 cm / 7 4/8"

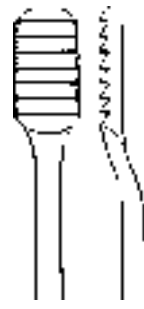


1/1

15 x 8 mm

37-674-18-07

auf Zug schneidend
drawing cut
cortante a tracción
tranchante à traction
tagliante a trazione



15 x 8 mm

37-676-18-07

auf Zug schneidend
drawing cut
cortante a tracción
tranchante à traction
tagliante a trazione

feine Zahnung
delicate serration
dentado fina
denture fine
dentatura delicata

grobe Zahnung
coarse serration
dentado grueso
denture grossière
dentatura grossolana

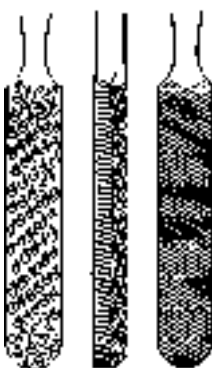


1/2

7,0 mm
Fomon
37-680-21-07
20,5 cm / 8 1/8"



1/1

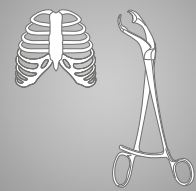


Nasenraspeln

Nasal Rasps
Escofinas nasales
Râpes nasales
Raspe nasali

Knochenchirurgie

Bone Surgery
Cirugía ósea
Chirurgie osseuse
Chirurgia ossea



TC GOLD

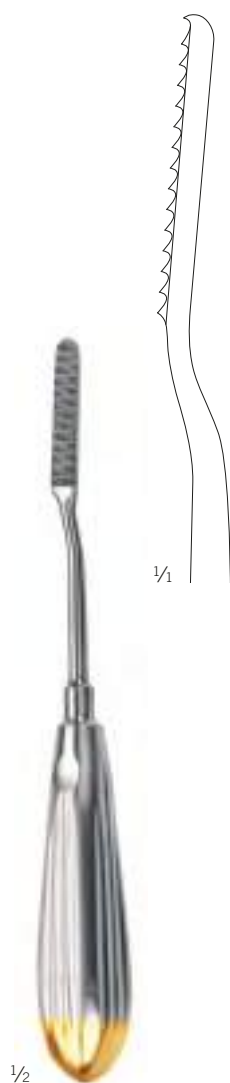


Fig. 1
37-680-01-07

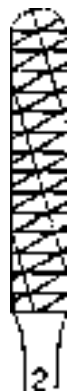


Fig. 2
37-680-02-07

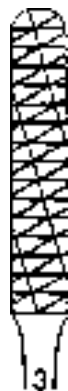


Fig. 3
37-680-03-07

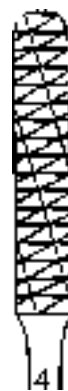


Fig. 4
37-680-04-07

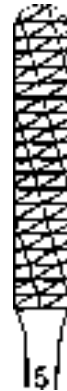


Fig. 5
37-680-05-07



Fig. 6
37-680-06-07



Fig. 7
37-680-07-07



Fig. 8
37-680-08-07



Fig. 9
37-680-09-07



Fig. 10
37-680-10-07

7,0 mm
Maltz

37-680-01-07 -
37-680-10-07

20 cm / 7 7/8"

Nasenraspeln

Nasal Rasps
Escofinas nasales
Râpes nasales
Raspe nasali

TC GOLD

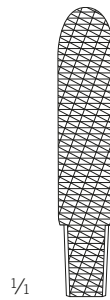


Fig. 1
37-681-01-07
7 mm

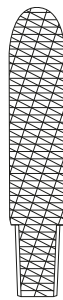


Fig. 2
37-681-02-07
7 mm



Fig. 3
37-681-03-07
7 mm



Fig. 4
37-681-04-07
7 mm



Fig. 5
37-681-05-07
7 mm

37-681-11-07

14 cm / 5 7/8"

Handgriff für TC-Raspeleinsatz
Handle for TC Inserts
Mango para escofina TC
Poignée pour insert de râpe CT
Manico per inserto raspa TC

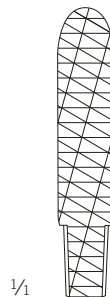


Fig. 6
37-681-06-07
7 mm

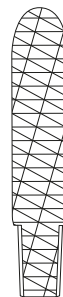


Fig. 7
37-681-07-07
7 mm



Fig. 8
37-681-08-07
7 mm



Fig. 9
37-681-09-07
7 mm



Fig. 10
37-681-10-07
7 mm



37-681-12-07

15 cm / 5 7/8"

Handgriff für TC-Raspeleinsatz, doppelt
Handle for TC Inserts, double
Mango escofina TC, doble extremo
Poignée pr insert râpe CT, double
Manico per inserto raspa TC, doppio

37-681-13-07

Schlüssel für Handgriff
Key for handle
Llave para mango
Clé pour poignée
Chiave per manico



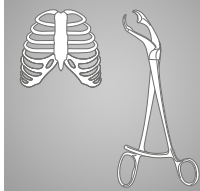
37-681-11-07,
37-681-12-07

Nasenraspeln

Nasal Rasps
Escofinas nasales
Râpes nasales
Raspe nasali

Knochenchirurgie

Bone Surgery
Cirugía ósea
Chirurgie osseuse
Chirurgia ossea



TC GOLD

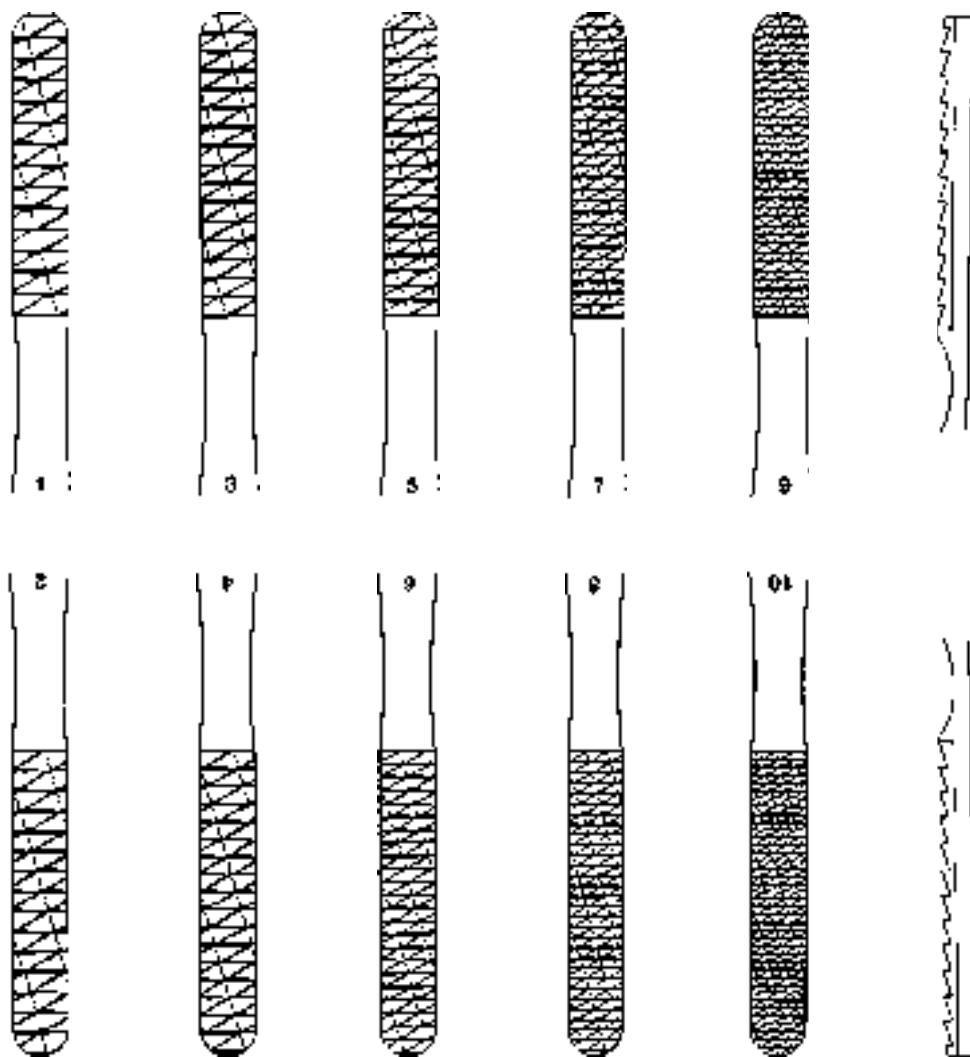


Fig. 1/2
37-682-01-07
30 x 8 mm

Fig. 3/4
37-682-02-07
40 x 7 mm

Fig. 5/6
37-682-03-07
40 x 7 mm

Fig. 7/8
37-682-04-07
40 x 7 mm

Fig. 9/10
37-682-05-07
40 x 7 mm

Fomon
37-682-01-07 - 37-682-05-07
20,5 cm / 8 1/8"

Elevatorien

Elevators

Elevadores

Elévateurs

Elevatori



1/2



1/1

5 mm

23-499-01-07

17 cm / 6 5/8"



7 mm

23-499-02-07

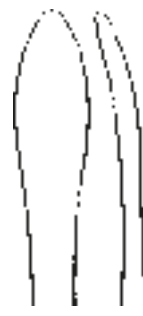
17 cm / 6 5/8"



8 mm

23-499-03-07

19,5 cm / 7 5/8"



10 mm

23-499-04-07

19,5 cm / 7 5/8"

Martin-Langenbeck

23-499-01-07 -

23-499-04-07

massiv

solid

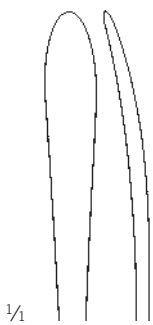
macizo

solide

pieno



1/2



1/1

7 mm



1/2



1/1

4 mm

Williger

23-510-17-07

17 cm / 6 5/8"

massiv

solid

macizo

solide

pieno

Williger

23-513-16-07

16 cm / 6 2/8"

massiv

solid

macizo

solide

pieno

Elevatorien, Doppeldissektoren

Elevators, Dissectors, double-ended

Elevadores, Disectores dobles

Elévateurs, Dissecteurs doubles

Elevatori, Dissettori doppi

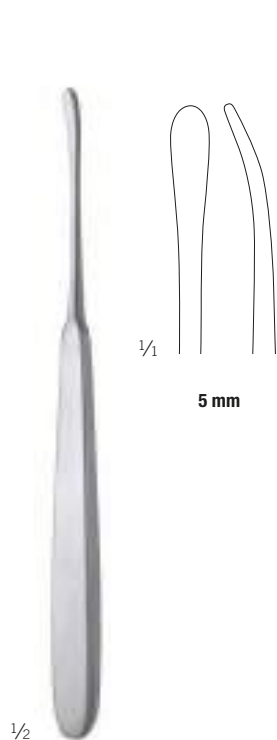
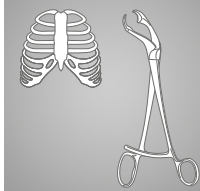
Knochenchirurgie

Bone Surgery

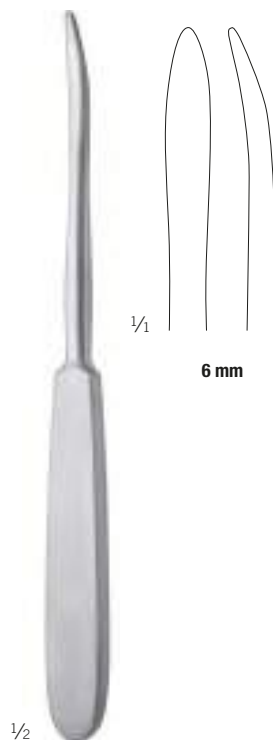
Cirugía ósea

Chirurgie osseuse

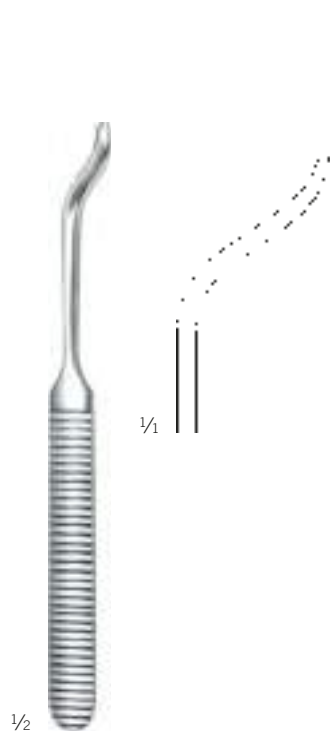
Chirurgia ossea



Sebileau
23-516-18-07
17,5 cm / 6 ⁷/₈"

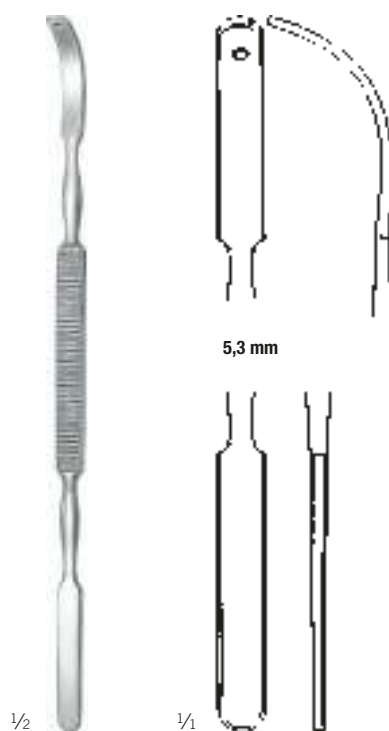


Quervain
23-517-20-07
19,5 cm / 7 ⁵/₈"



23-523-16-07
16 cm / 6 ²/₈"

Phalangenhebel
Phalangeal elevator
Elevador para falanges
Elévateur pour phalanges
Divaricatore per falange



McDonald
23-527-19-07
18,5 cm / 7 ²/₈"

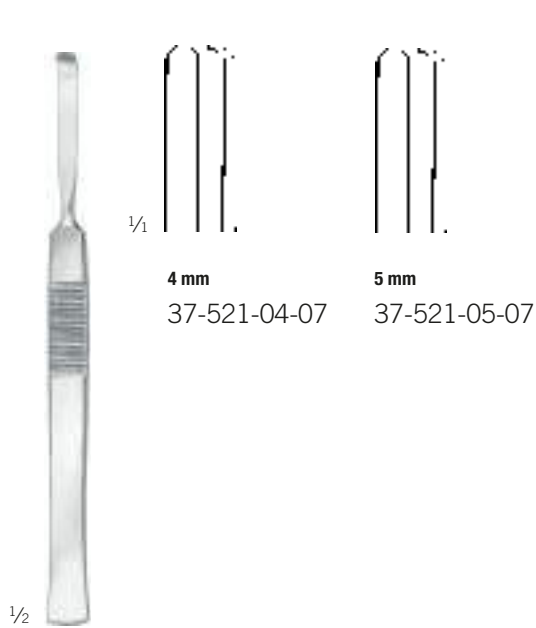
Septumelevatorien

Septum Elevators

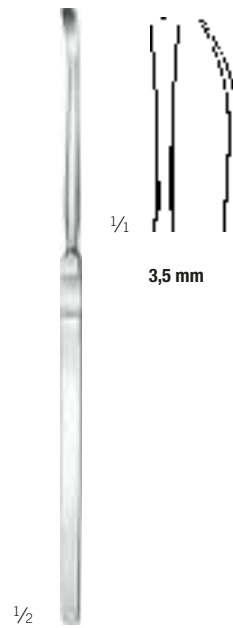
Elevadores para tabique nasal

Élévateurs pour la cloison nasale

Elevatori per il setto nasale



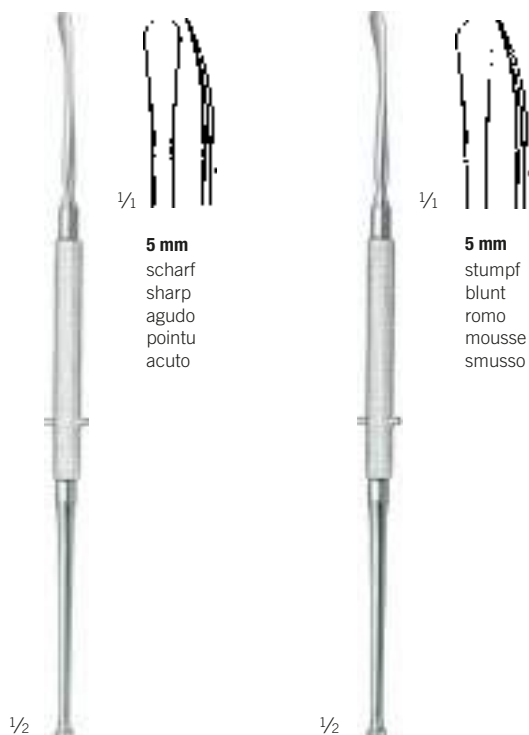
McKenty
37-521-04-07 -
37-521-05-07
15 cm / 5 7/8"



Halle
37-525-16-07
16 cm / 6 2/8"



Joseph
37-531-16-07
16,5 cm / 6 4/8"



Freer
37-541-19-07
19 cm / 7 4/8"

Freer
37-543-19-07
19 cm / 7 4/8"



Freer
37-545-18-07
18 cm / 7 1/8"



Freer
37-546-18-07
18 cm / 7 1/8"

Septumlevatorien

Septum Elevators

Elevadores para tabique nasal

Elévateurs pour la cloison nasale

Elevatori per il setto nasale

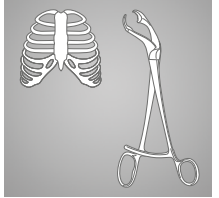
Knochenchirurgie

Bone Surgery

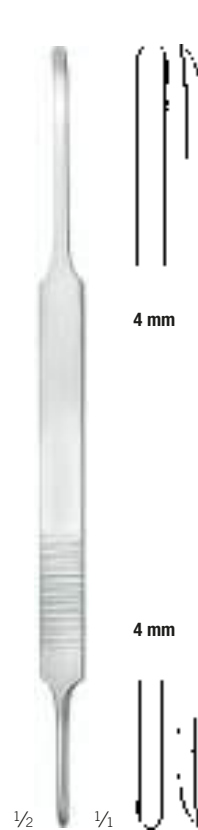
Cirugía ósea

Chirurgie osseuse

Chirurgia ossea



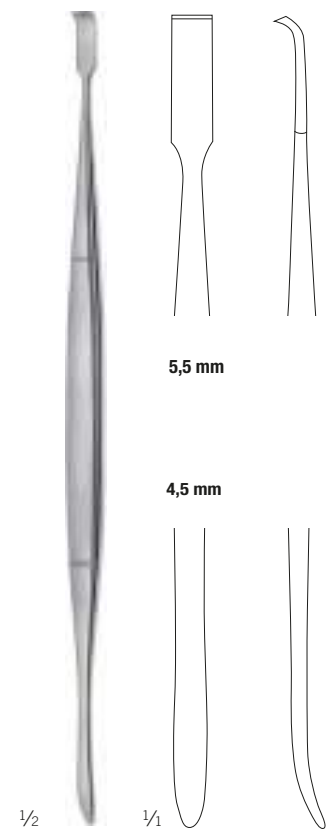
Freer
37-547-20-07
21 cm / 8 2/8"



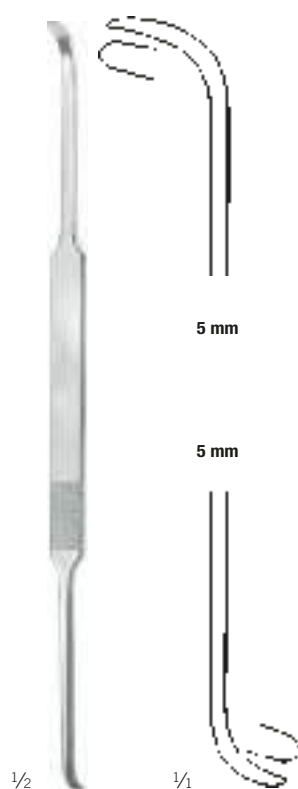
McKenty
37-549-22-07
20,5 cm / 8 1/8"



Ballenger-Hajek
37-550-19-07
19 cm / 7 4/8"



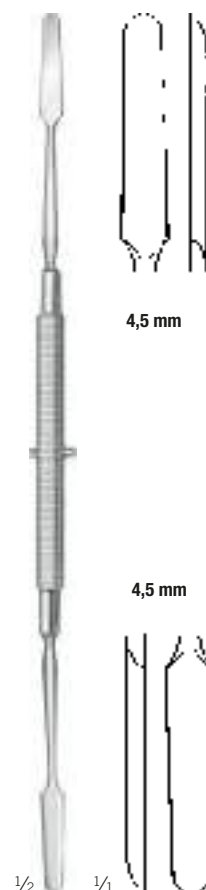
Howard
37-557-22-07
21,5 cm / 8 4/8"



Cottle
37-559-23-07
23,5 cm / 9 2/8"



Killian
37-560-18-07
18 cm / 7 1/8"



Killian
37-562-22-07
23,5 cm / 9 2/8"

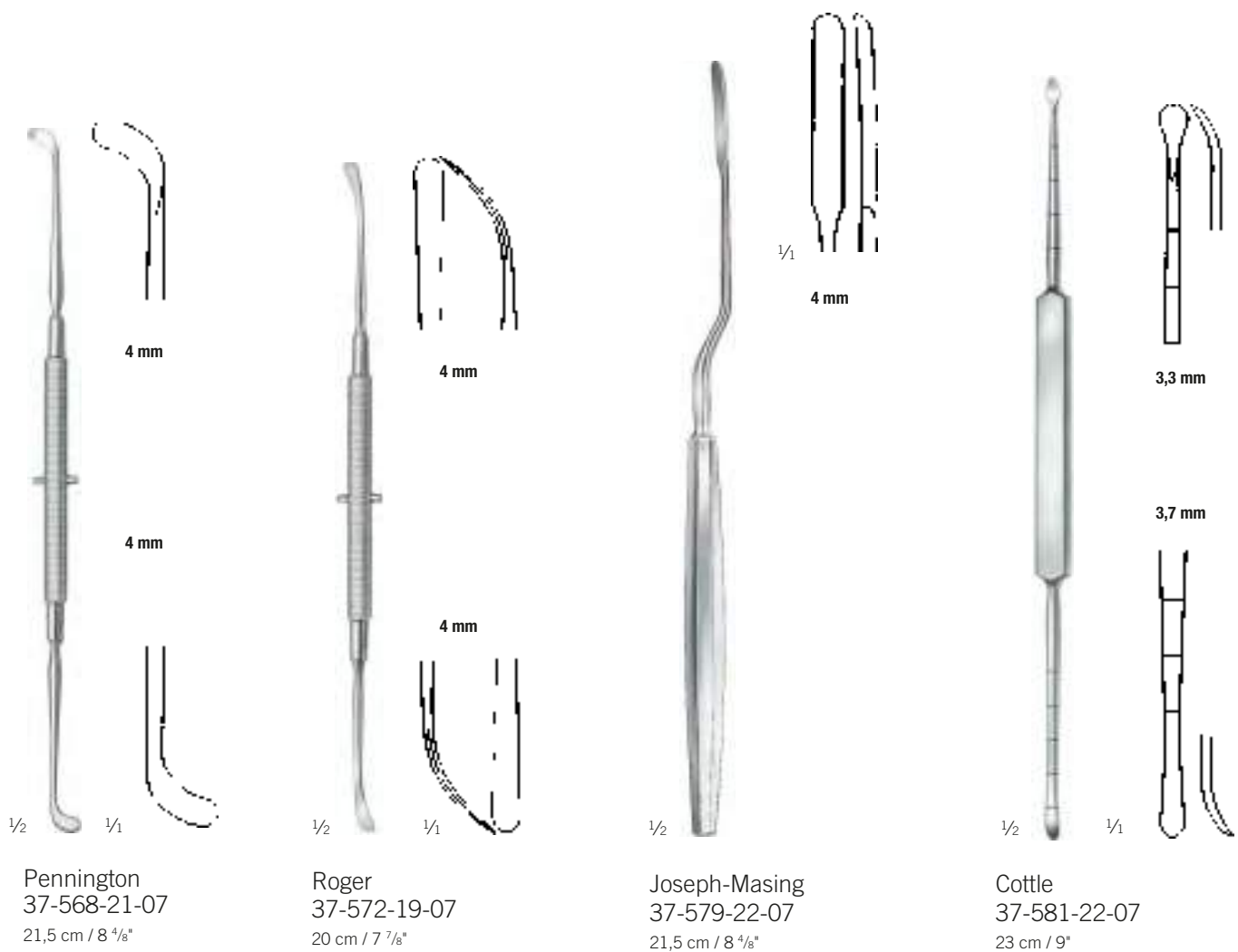
Periostelevatorien

Periosteal Elevators

Lgras para periostio

Élévateurs pour le périoste

Elevatori per il periosto



Periostelevatorien

Periosteal Elevators

Legras para periostio

Élévateurs pour le périoste

Elevatori per il periosto

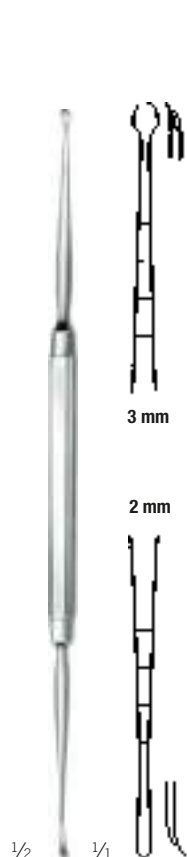
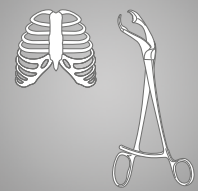
Knochenchirurgie

Bone Surgery

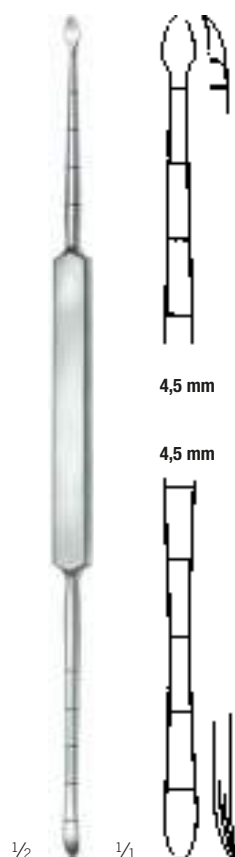
Cirugía ósea

Chirurgie osseuse

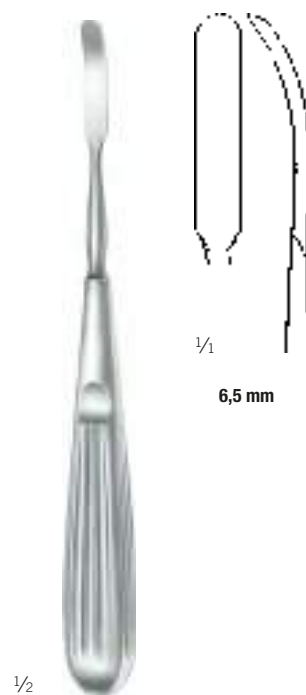
Chirurgia ossea



Masing
37-583-21-07
19,5 cm / 7 ⁵/₈"



Cottle
37-584-21-07
22 cm / 8 ⁵/₈"



Joseph
37-585-16-07
18 cm / 7 ¹/₈"

Hohlmeißelzangen

Bone Rongeurs

Pinzas gubias

Pinces-gouges

Pinze-sgorbie



23-777-01-07
17 cm / 6 ⁵/₈"



23-777-02-07
16,5 cm / 6 ⁴/₈"



Friedmann
23-801-14-07
13,5 cm / 5 ³/₈"



Mead
23-815-16-07
16,5 cm / 6 ⁴/₈"



Hartmann
23-819-18-07
17,5 cm / 6 ⁷/₈"

Hohlmeißelzangen

Bone Rongeurs

Pinzas gubias

Pinces-gouges

Pinze-sgorbie

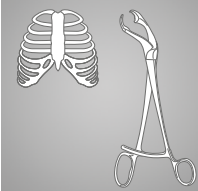
Knochenchirurgie

Bone Surgery

Cirugía ósea

Chirurgie osseuse

Chirurgia ossea

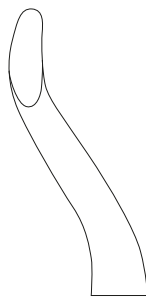


1/1



23-826-18-07

18 cm / 7 1/8"



23-828-18-07

18,5 cm / 7 2/8"



23-829-18-07

18 cm / 7 1/8"

Jansen

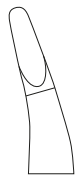
23-826-18-07 - 23-829-18-07



1/1



23-832-19-07



23-833-19-07

Lempert

23-832-19-07 - 23-833-19-07

19 cm / 7 4/8"

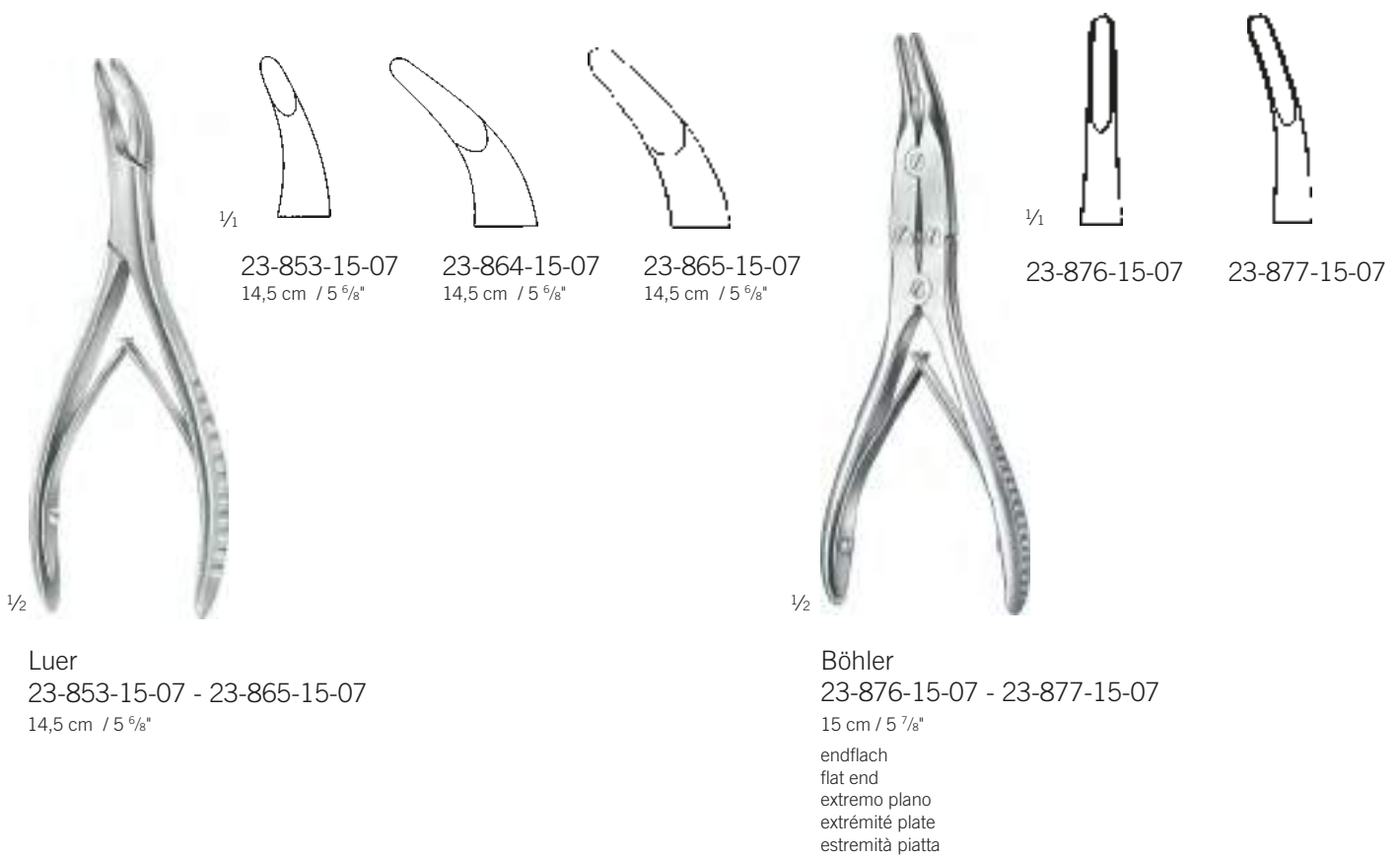
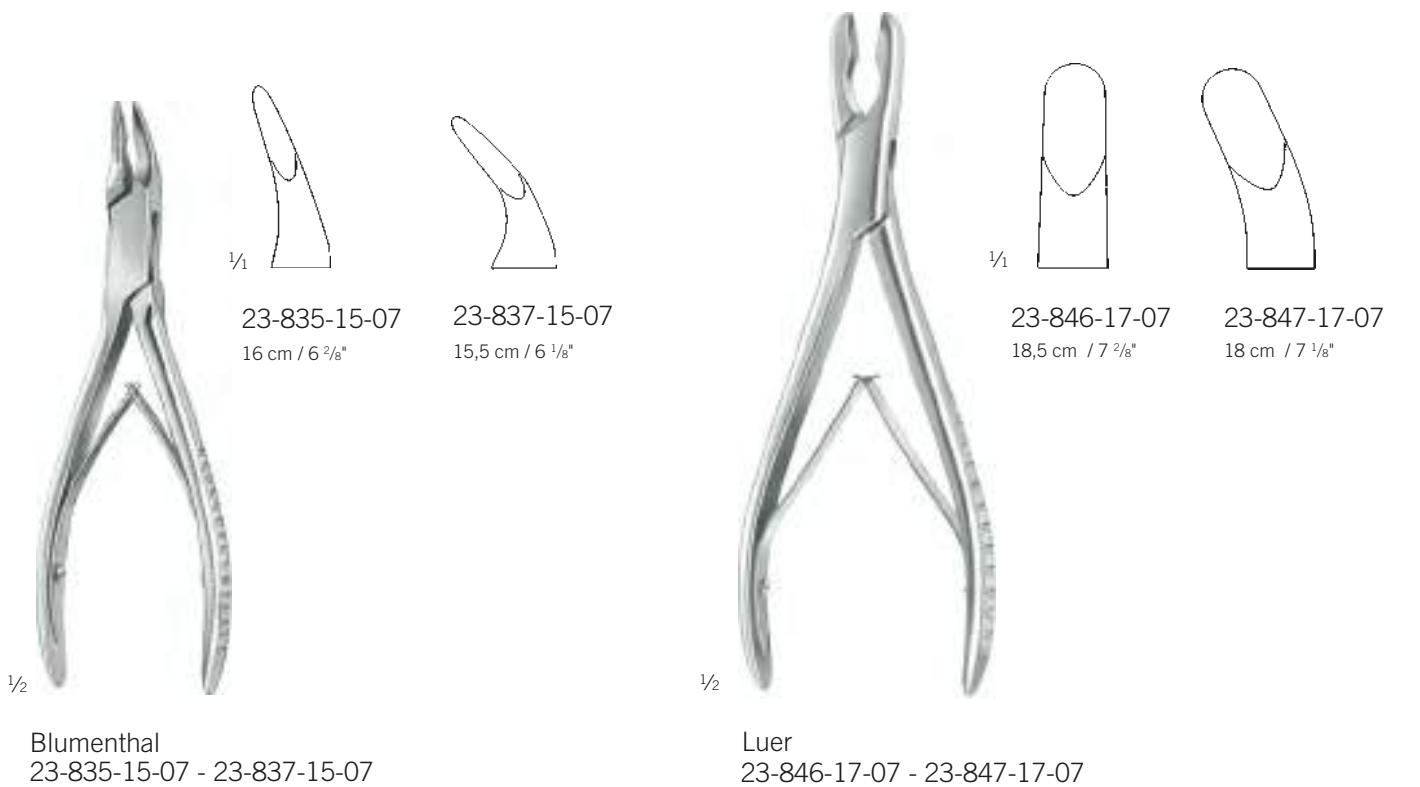
Hohlmeißelzangen

Bone Rongeurs

Pinzas gubias

Pinces-gouges

Pinze-sgorbie



Hohlmeißelzangen

Bone Rongeurs

Pinzas gubias

Pinces-gouges

Pinze-sgorbie

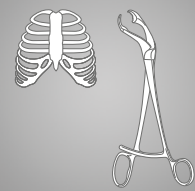
Knochenchirurgie

Bone Surgery

Cirugía ósea

Chirurgie osseuse

Chirurgia ossea



1/2

Beyer
23-879-18-07
18 cm / 7 1/8"



1/2

Zaufal-Jansen
23-881-18-07
18 cm / 7 1/8"



1/2

Mayfield
23-883-17-07
18 cm / 7 1/8"



1/2

Marquard
23-885-20-07
20,5 cm / 8 1/8"



1/2

Ruskin
23-887-18-07
19 cm / 7 4/8"

Hohlmeißelzangen

Bone Rongeurs

Pinzas gubias

Pinces-gouges

Pinze-sgorbie



Ruskin
23-893-23-07
24 cm / 9 4/8"



Semb
23-895-22-07
23,5 cm / 9 2/8"



Stille
23-897-23-07
22,5 cm / 8 7/8"

Hohlmeißelzangen

Bone Rongeurs

Pinzas gubias

Pinces-gouges

Pinze-sgorbie

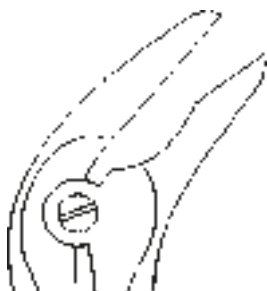
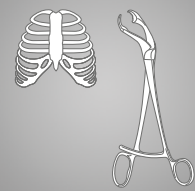
Knochenchirurgie

Bone Surgery

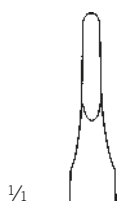
Cirugía ósea

Chirurgie osseuse

Chirurgia ossea



1/2



1/1

23-899-02-07



23-899-03-07



23-899-04-07

Echlin

23-899-02-07 - 23-899-04-07

23 cm / 9 "



1/2



1/1

Stille-Ruskin

23-901-23-07

23,5 cm / 9 2/8 "

Hohlmeißelzangen

Bone Rongeurs

Pinzas gubias

Pinces-gouges

Pinze-sgorbie

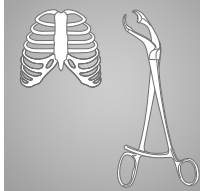


Hohlmeißelzangen, Knochensplitterzangen

Bone Rongeurs, Bone Cutting Forceps
Pinzas gubias, Pinzas cortantes para hueso
Pincers-gouges, Pincers coupantes à os
Pinze-sgorbie, Cesoie per ossa

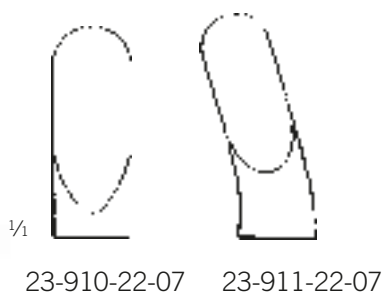
Knochenchirurgie

Bone Surgery
Cirugía ósea
Chirurgie osseuse
Chirurgia ossea



1/2

Stille-Luer
23-910-22-07 - 23-911-22-07
22,5 cm / 8 ⁷/₈"



1/1

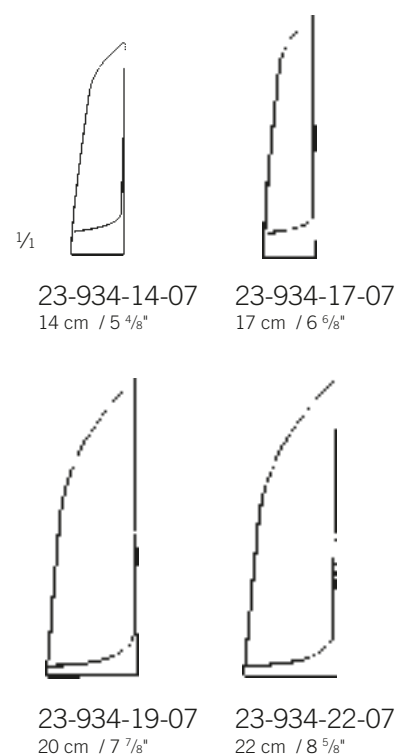
23-910-22-07

23-911-22-07



1/2

Liston
23-934-14-07 -
23-934-22-07



1/1

23-934-14-07
14 cm / 5 ⁴/₈"

23-934-17-07
17 cm / 6 ⁵/₈"

23-934-19-07
20 cm / 7 ⁷/₈"

23-934-22-07
22 cm / 8 ⁵/₈"

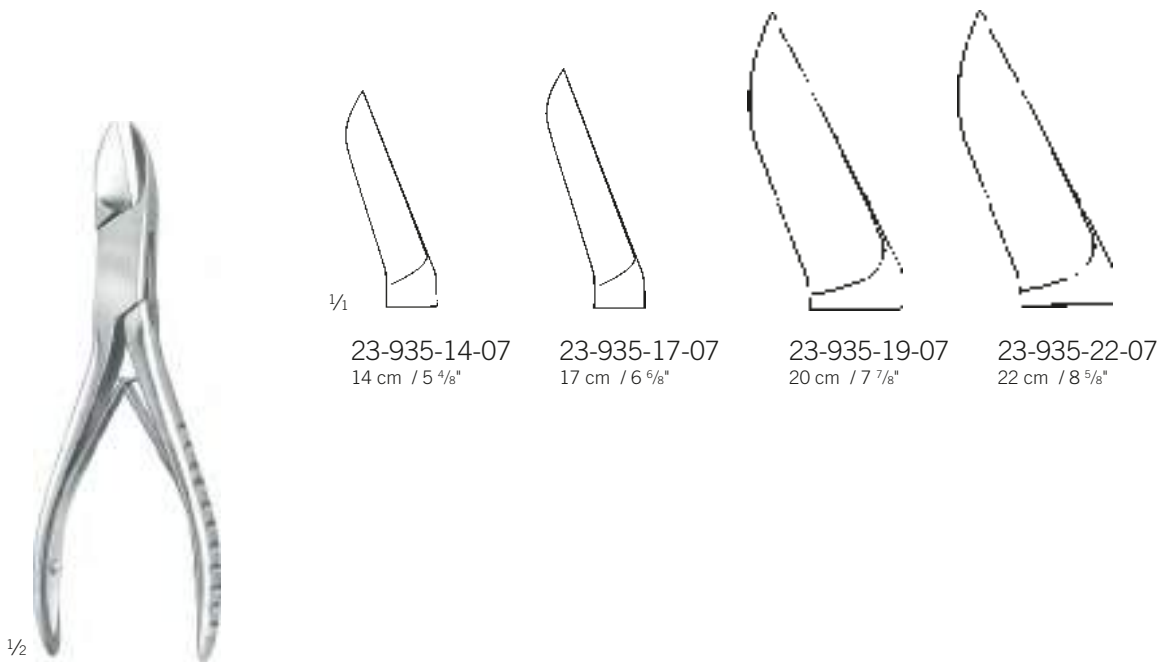
Knochensplitterzangen

Bone Cutting Forceps

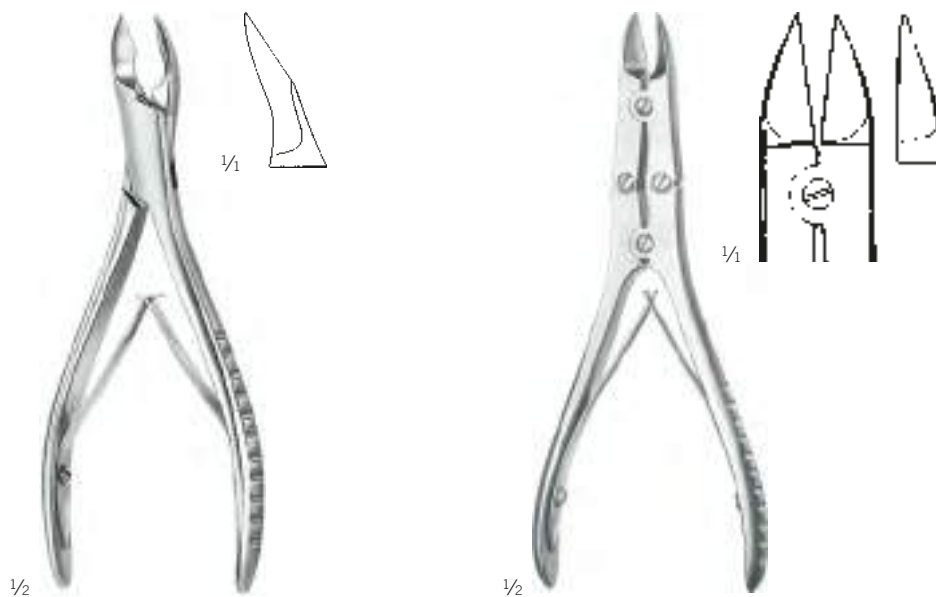
Pinzas cortantes para hueso

Pinces coupantes à os

Cesoie per ossa



Liston
23-935-14-07 -
23-935-22-07



Cleveland
23-941-15-07
14,5 cm / 5 6/8"

Böhler
23-946-15-07
14,5 cm / 5 6/8"

Knochensplitterzangen

Bone Cutting Forceps

Pinzas cortantes para hueso

Pinces coupantes à os

Cesoie per ossa

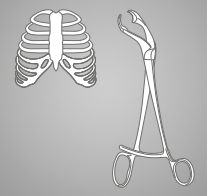
Knochenchirurgie

Bone Surgery

Cirugía ósea

Chirurgie osseuse

Chirurgia ossea



1/1

23-950-18-07
19 cm / 7 4/8"



23-951-18-07
18,5 cm / 7 2/8"



1/2

Ruskin-Liston
23-950-18-07 -
23-951-18-07



1/2

Stille-Liston
23-955-23-07 -
23-955-27-07



1/1

23-955-23-07
23,5 cm / 10 2/8"



23-955-27-07
28 cm / 11 "

Drahtsägen, Schädelzangen

Wire Saws, Cranial Rongeurs

Sierras de hilo, Pinzas sacabocados craneales

Fils-scies, Pincers emporte-pièces crâniennes

Fili sega, Pinze per craniectomia



24-600-30-07

30 cm / 11 ⁵/₈"

24-600-40-07

40 cm / 15 ⁵/₈"

24-600-50-07

50 cm / 19 ⁵/₈"

24-600-60-07

60 cm / 23 ⁵/₈"

24-600-70-07

70 cm / 27 ⁴/₈"

1/2

Gigli

24-600-30-07- 24-600-70-07



1/2

Gigli

24-602-01-01



1/2

De Martel

24-618-33-07

33 cm / 13"

Einführinstrument

Wire saw guide

Conductor para sierras de hilo

Conducteur pour fils-scies

Introduttore



1/2

Dahlgren

24-654-20-07

19,5 cm / 7 ⁵/₈"

mit 3 Haken

with 3 hooks

con 3 ganchos

avec 3 crochets

con 3 ganci



1/2

De Vilbiss

24-658-21-07

21 cm / 8 ²/₈"

mit 2 Haken

with 2 hooks

con 2 ganchos

avec 2 crochets

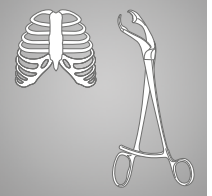
con 2 ganci

Clips und Anlegezangen

Clips and Applying Forceps
 Grapas y pinzas aplicadoras
 Clips et pinces pour appliquer
 Agrafo e pinze per applicare

Knochenchirurgie

Bone Surgery
 Cirugía ósea
 Chirurgie osseuse
 Chirurgia ossea



1/1

Raney
 24-675-00-07

Kopfhautklammer
 Scalp clip
 Grapa para cuero cabelludo
 Agrafo pour cuir chevelu
 Pinze per il cuoio capelluto



1/2

Raney
 24-676-00-07

15,5 cm / 6"
 Anlege- und Abnehmzange
 Applying/removal forceps
 Pinza para aplicar y quitar agrafo
 Pince pour appliquer et enlever les
 clips hémostatiques
 Pinza per applicare e togliere le agrafo
 emostatiche



1/2

Yasargil
 24-678-01-07 - 24-678-02-07

Galeahaken
 Galea hook
 Gancho Galea
 Ecarteur Galea
 Divaricatore Galea



24-678-01-07
 30 cm / 11 5/8"



1/1

24-678-02-07
 41 cm / 16 1/8"

Dissektoren

Dissectors

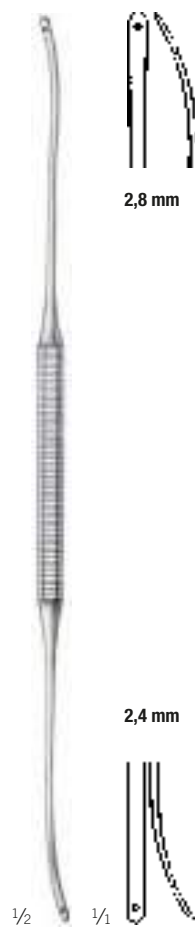
Disecadores

Dissecteurs

Dissettori



Toennis
24-680-25-07
24 cm / 9 ⁴/₈"



Olivecrona
24-681-24-07
24 cm / 9 ⁴/₈"



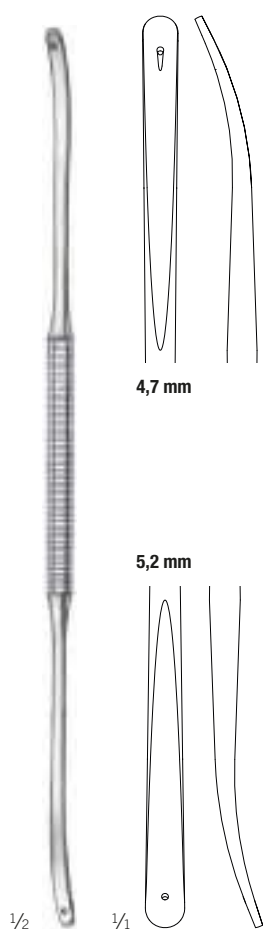
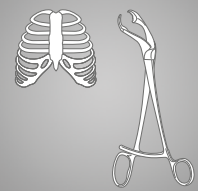
Olivecrona
24-682-18-07
18 cm / 7 ¹/₈"

Dissektoren

Dissectors
Disecadores
Dissecteurs
Dissettori

Knochenchirurgie

Bone Surgery
Cirugía ósea
Chirurgie osseuse
Chirurgia ossea



Olivecrona
24-683-24-07
24 cm / 9 ⁴/₈"



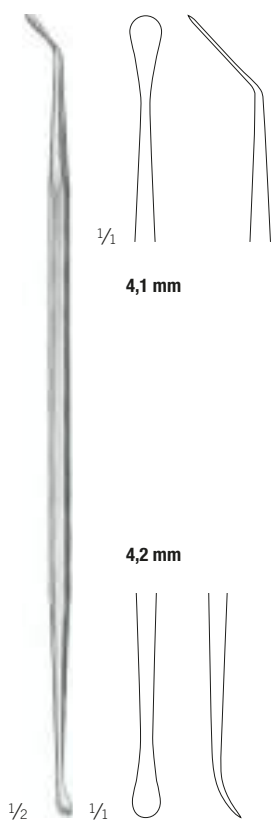
Olivecrona
24-684-19-07
20 cm / 7 ⁷/₈"



Sachs
24-685-21-07
20,5 cm / 8 ¹/₈"

Dissektoren

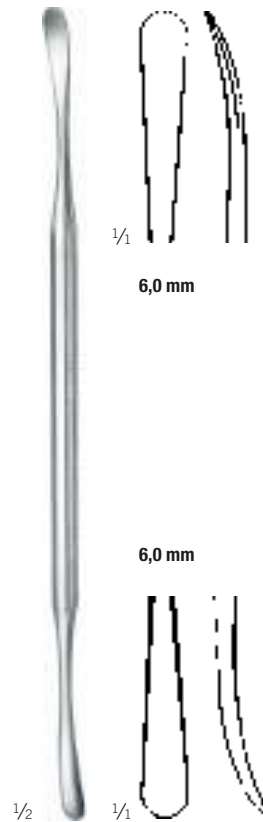
Dissectors
Disecadores
Dissecteurs
Dissettori



Milligan
24-686-21-07
21,5 cm / 8 ⁴/₈"



Davis
24-687-21-07
21,5 cm / 8 ⁴/₈"



24-688-22-07
22 cm / 8 ⁵/₈"



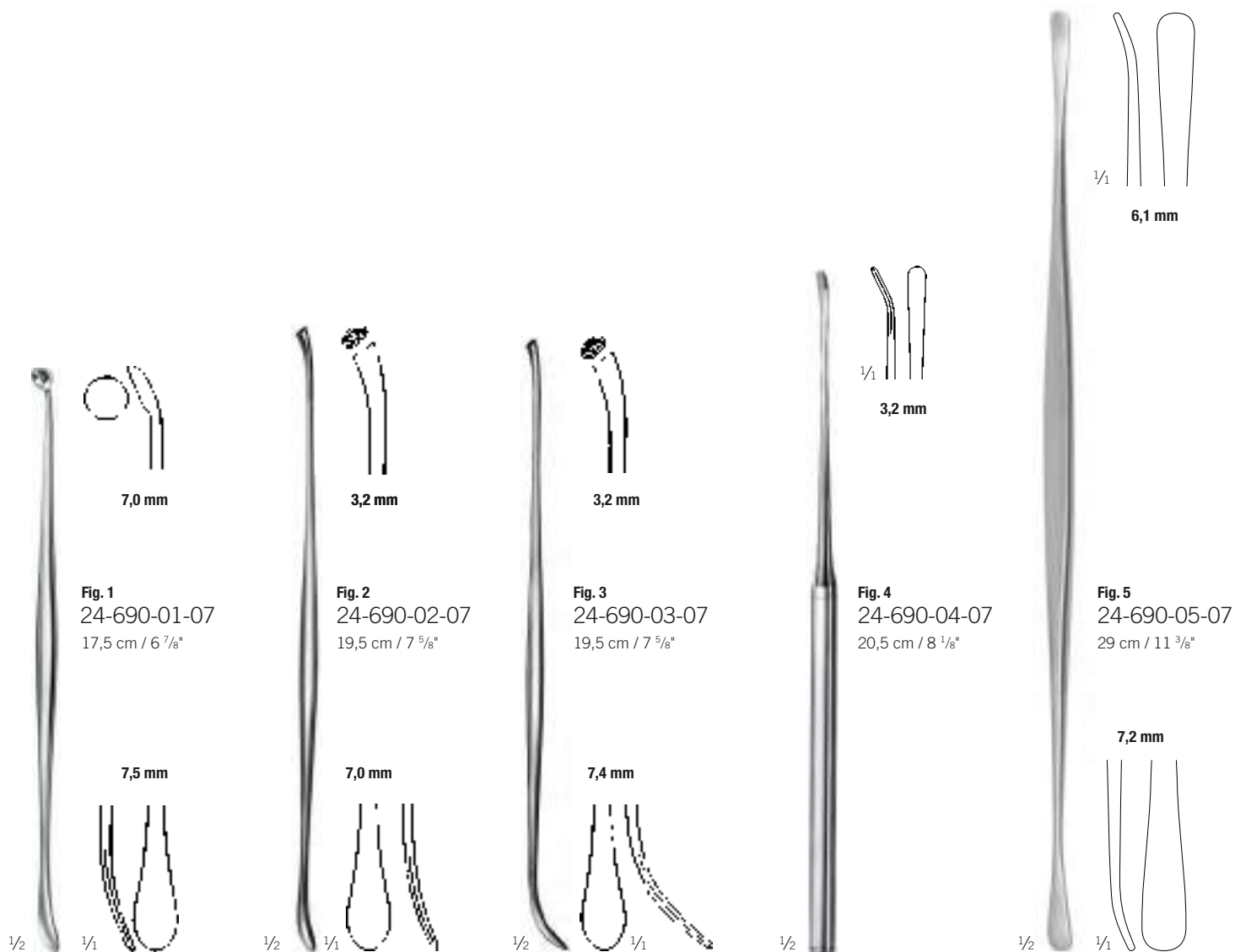
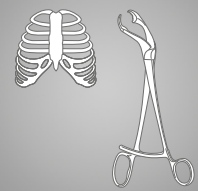
Davis
24-691-24-07
24,5 cm / 9 ⁵/₈"

Dissektoren

Dissectors
Disecadores
Dissecteurs
Dissettori

Knochenchirurgie

Bone Surgery
Cirugía ósea
Chirurgie osseuse
Chirurgia ossea



Penfield
24-690-01-07 -
24-690-05-07

Verschiedenes
Miscellaneous
Diversos artículos
Articles divers
Articoli diversi

Spezial-Produkte

Special Products
Productos especiales
Produits spéciaux
Prodotti speciali

Informationen zu den KLS-Martin-Elektrochirurgie-Systemen entnehmen Sie bitte den separaten Katalogen bzw. Broschüren:

- Zubehör für die Hochfrequenzchirurgie
- Elektrochirurgiegerät maxium®

Please refer to the separate catalogs and brochures for information about KLS-Martin electrosurgery systems:

- Accessories for Electrosurgery
- Electrosurgery device maxium®

Encontrará información sobre los sistemas de electrocirugía de KLS-Martin en los catálogos o folletos específicos:

- Accesorios para la electrocirugía
- Aparato de electrocirugía maxium®

Veuillez vous reporter aux catalogues ou brochures séparés pour obtenir des informations détaillées à propos des systèmes d'électrochirurgie KLS Martin:

- Accessoires électrochirurgicaux
- Dispositif d'électrochirurgie maxium®

Per informazioni sui sistemi di elettrochirurgia di KLS Martin, consultare i cataloghi e/o le brochure separati:

- Accessori per elettrochirurgia
- Apparecchio elettrochirurgico maxium®



Spezial-Produkte

Special Products
Productos especiales
Produits spéciaux
Prodotti speciali

Informationen zu den KLS-Martin-Osteosynthese-Systemen entnehmen Sie bitte den separaten Broschüren:

- IPS Implants® Cranium
- SAM – Standard Approach Mesh
- Low Profile Neuro System
- Steriles Neuro Flap Fix Kit

Please refer to the separate brochures for information about KLS Martin osteosynthesis systems:

- IPS Implants® Cranium
- SAM – Standard Approach Mesh
- Low Profile Neuro System
- Sterile Neuro Flap Fix Kit

Encontrará información sobre los sistemas de osteosíntesis de KLS Martin en los folletos específicos:

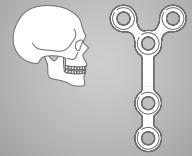
- IPS Implants® Cranium
- SAM – Standard Approach Mesh
- Sistema Low Profile Neuro
- Neuro Flap Fix Kit estéril

Veuillez vous reporter aux brochures séparées pour obtenir des informations détaillées à propos ostéosynthèse KLS Martin:

- IPS Implants® Cranium
- SAM – Standard Approach Mesh
- Système Low Profile Neuro
- Neuro Flap Fix Kit stérile

Per informazioni sui sistemi osteosintesi di KLS Martin, consultare le brochure separate:

- IPS Implants® Cranium
- SAM – Standard Approach Mesh
- Sistema Low Profile Neuro
- Kit sterile Flap Fix per neurochirurgia



Spezial-Produkte

Special Products
Productos especiales
Produits spéciaux
Prodotti speciali

Informationen zu den Distraktoren und Osteosynthese-Systemen von KLS Martin entnehmen Sie bitte den separaten Broschüren:

- Cranial Distraction (Kawamoto, Posterior Cranial Vault Distractor)
- L1® Cranium – Neuro-Osteosynthese
- CranioXpand – Kraniale Federn zur Behandlung von sagittalen Kraniosynostosen
- Level One Fixation – Osteosynthese 1.5 Mikro

Please refer to the separate brochures for information about KLS Martin distractors and osteosynthesis systems:

- Cranial Distraction (Kawamoto, Posterior Cranial Vault Distractor)
- L1® Cranium – Neuro Osteosynthesis
- CranioXpand – Cranial springs for the treatment of sagittal craniosynostoses
- Level One Fixation – Osteosynthesis 1.5 Micro

Encontrará información sobre los distractores y los sistemas de osteosíntesis de KLS Martin en los folletos específicos:

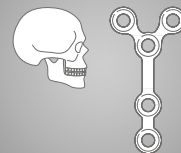
- Cranial Distraction (Kawamoto, Posterior Cranial Vault Distractor)
- L1® Cranium – Neuro-osteosíntesis
- CranioXpand – Cranial springs for the treatment of sagittal craniosynostoses
- Level One Fixation – Osteosíntesis 1.5 Micro

Veuillez vous reporter aux brochures séparées pour obtenir des informations détaillées à propos des distracteurs aux ostéosynthèse de KLS Martin:

- Cranial Distraction (Kawamoto, Posterior Cranial Vault Distractor)
- L1® Cranium – Neuro-ostéosynthèse
- CranioXpand – Cranial springs for the treatment of sagittal craniosynostoses
- Level One Fixation – Ostéosynthèse 1.5 Micro

Per informazioni sui distrattori e sistemi osteosintesi di KLS Martin, consultare le brochure separata:

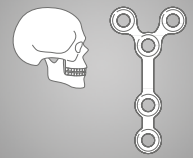
- Cranial Distraction (Kawamoto, Posterior Cranial Vault Distractor)
- L1® Cranium – Neuro-osteosintesi
- CranioXpand – Cranial springs for the treatment of sagittal craniosynostoses
- Level One Fixation – Osteosintesi 1.5 Micro



SonicWeld Rx® — Die Revolution der Osteosynthese

KLS Martin hat mit SonicWeld Rx® ein revolutionäres System für die Kieferknochenaugmentation entwickelt. Mit modernster Ultraschalltechnik, kombiniert mit resorbierbaren Implantaten, wird die Metallentfernung überflüssig. Dank des völlig neuen Verschweißungsprozesses verankert sich das resorbierbare Material tief in der Knochenstruktur und erzeugt eine bislang ungekannte Primärstabilität. In der präprothetischen Augmentation eignet sich das System für resorbierbare Membranfixierungen (Guided Bone Regeneration), Auflagerungen (Onlay Grafts) und Schalungen (Split Grafts).





EN

**SonicWeld Rx® –
The revolution in osteosynthesis**

With SonicWeld Rx®, KLS Martin offers a revolutionary system for jaw bone augmentation. Highly advanced ultrasound technology combined with resorbable implants makes the metal removal redundant. Thanks to the completely novel welding technique, the bioabsorbable material penetrates deeply into the bone structure to provide a level of primary stability never seen before. In preprosthetic augmentation, this system can be used for resorbable membrane fixation (guided bone regeneration), appositions (onlay grafts) procedures based on the innovative shell technique (split grafts).

ES

**SonicWeld Rx® –
La revolución de la osteosíntesis**

Con SonicWeld Rx®, KLS Martin ha diseñado un sistema revolucionario para el aumento del hueso maxilar. La más avanzada tecnología de ultrasonidos, combinada con implantes reabsorbibles, hace innecesaria la eliminación de metales. Gracias al innovador proceso de soldadura, el material reabsorbible se ancla profundamente en la estructura ósea y proporciona una estabilidad primaria sin precedentes. En el aumento preprotésico, este sistema es apropiado para fijaciones de membranas reabsorbibles (guided bone regeneration - regeneración ósea guiada), aposiciones (onlay grafts) y la técnica de valva (split grafts).

FR

**SonicWeld Rx® –
La révolution de l'ostéosynthèse**

KLS Martin a mis au point, avec SonicWeld Rx®, un système révolutionnaire pour l'augmentation de la masse osseuse de la mâchoire. Avec une technique à ultrasons ultramoderne, associée à des implants résorbables, le retrait du métal devient superflu. Grâce au tout nouveau processus de soudage, le matériau résorbable s'ancre en profondeur dans la structure osseuse et génère une stabilité primaire jusqu'à présent inconnue. Dans le cadre de l'augmentation pré-prothétique, le système est adapté pour les régénérations osseuses guidées (guided bone regeneration), les greffes osseuses (onlay grafts) et les greffes fendues (split grafts).

IT

**SonicWeld Rx® –
La rivoluzione dell'osteosintesi**

KLS Martin ha sviluppato con SonicWeld Rx® un sistema rivoluzionario per l'aumento dell'osso mascellare. La più moderna tecnologia ad ultrasuoni, abbinata a impianti riassorbibili, rende superflua la rimozione del metallo. Grazie al processo di saldatura completamente rinnovato, il materiale riassorbibile si ancora profondamente alla struttura ossea raggiungendo una stabilità primaria finora mai vista. Nella fase di aumento pre-protetica, questo sistema è indicato per fissaggi riassorbibili di membrane (guided bone regeneration), apposizioni (onlay grafts) e gusci (split grafts).

Nummern-Index
Index of order numbers
Índice de números de referencia
Index numérique des références de commande
Elenco dei codici



Nummern-Index

Index of order numbers

Índice de números de referencia

Index numérique des références de commande

Elenco dei codici

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