

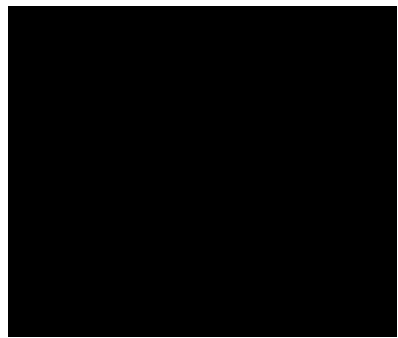
	<b>HADEO</b> INSTRUMENTE GERMANY	
		
		
	Neurochirurgie Neurosurgery Neurocirugia Neurochirurgia	





Wondershare PDFelement

**HADEO**  
INSTRUMENTE GERMANY



# HADEO

INSTRUMENTE GERMANY

Charrière (Ch) French (F)	Durchmesser in mm	Inches	Gauge (G)	Durchmesser in mm	Inches
1	0,33	0,013	35	0,13	0,005
2	0,67	0,025	34	0,18	0,007
3	1,00	0,039	33	0,20	0,008
4	1,33	0,051	32	0,23	0,009
5	1,67	0,065	31	0,25	0,010
6	2,00	0,0787	30	0,30	0,012
7	2,33	0,092	29	0,33	0,013
8	2,67	0,105	28	0,36	0,014
9	3,00	0,1181	27	0,41	0,016
10	3,33	0,131	26	0,46	0,018
11	3,67	0,144	25	0,51	0,020
12	4,00	0,1575		0,53	0,021
13	4,33	0,170	24	0,56	0,022
14	4,67	0,184	23	0,64	0,025
15	5,00	0,1968	22	0,71	0,028
16	5,33	0,210	21	0,81	0,032
17	5,67	0,223	20	0,89	0,035
18	6,00	0,2362		0,97	0,038
19	6,33	0,249	19	1,07	0,042
20	6,67	0,263	18	1,27	0,050
21	7,00	0,2756	17	1,50	0,059
22	7,33	0,288	16	1,65	0,065
23	7,67	0,302	15	1,83	0,072
24	8,00	0,3150	14	2,11	0,083
25	8,33	0,328	13	2,41	0,095
26	8,67	0,341	12	2,77	0,109
27	9,00	0,3543	11	3,05	0,120
28	9,33	0,367	10	3,40	0,134
29	9,67	0,380	9	3,76	0,148
30	10,00	0,3973	8	4,19	0,165
31	10,33	0,407	7	4,57	0,180
32	10,67	0,420	6	5,16	0,203
34	11,33	0,446			
36	12,00	0,4724			
38	12,67	0,494			
40	13,33	0,5199			
45	15,00	0,5905			

1 OZ	0,028 ml	35 OZ	1,0 l
5 OZ	0,140 ml	128 OZ	3,7 l
16 OZ	0,450 ml		

**HADEO**  
INSTRUMENTE GERMANY**GARANTIE / WARRANTY / GARANTIA / GARANZIA****GARANTIE**

Wir gewähren auf alle Hadeo Instrumente 3 Jahre Garantie. Voraussetzung ist der sach- und fachgerechte Einsatz der Instrumente. Von der Garantie sind Verschleißerscheinungen ausgeschlossen.

**WARRANTY**

Our Hadeo products are free from manufacturing defects in material and workmanship. We therefore give on all instruments a guarantee of 3 years provided that the instruments are maintained and cleaned properly and used normally for their intended purpose.

**GARANTIA**

Estamos convencidos de nuestra calidad y concedemos a todos los instrumentos de Hadeo 3 años de garantía contra cualquier defecto de fabricación, siempre y cuando se usen adecuadamente. De la garantía excluimos la manifestación de desgaste.

**GARANZIA**

Siamo convinti della nostra qualità e concediamo 3 anni di garanzia sulla funzione dei tutti gli strumenti Hadeo sotto la presupposizione che l'utilizzo è da esperto. Escluso della garanzia sono tracce di consumo.



## Arbeit sanweisung Aufbereitung (Reinigung) und Sterilisation von resterilisierbaren chirurgischen Instrumenten

DIN EN ISO 17664:2004 (D)

Hersteller:  
H A D E O Instrumente

Alle von Hadeo gelieferten wieder verwendbaren Instrumente wurden ausschließlich für den chirurgischen Gebrauch konstruiert und dürfen zu keinen anderen Zwecken benutzt werden. Unsachgemäße Handhabung und sorglose Pflege sowie zweckentfremdeter Gebrauch können zu vorzeitigem Verschleiß der Instrumente führen. Die Produkte sind bei der Auslieferung nicht sterilisiert.

### Reinigungsvorbereitung

Fabrikneue Instrumente müssen vor der ersten Anwendung den gesamten Aufbereitungsprozess durchlaufen. Instrumente unmittelbar nach Anlieferung aus den Folienverpackungen entnehmen und in trockenen Räumen bei gleichbleibender Raumtemperatur luftoffen lagern, um Kondensationsbildung zu vermeiden. Die Instrumente keinen Sonnenlichteinstrahlungen oder Dämpfen durch Chemikalien (Säuren oder scharfe Reinigern) aussetzen. Vor der ersten Sterilisation alle Schutzkappen und Folien vollständig entfernen und anschließend reinigen.

Gebrauchte Instrumente unmittelbar nach Beendigung des Eingriffs von Blut, Gewebe und Arzneimittel reinigen. Instrumente in eine freigegebene Lösung eines kombinierten Reinigungs- und Desinfektionsmittels, das keine proteinfixierende Wirkung besitzt, einlegen. Dosierung des Herstellers beachten. Nicht in NaCl Lösung einlegen, ansonsten Gefahr für Loch- bzw. Spannungsriss-Korrosion

Überfüllung von Instrumentensieben und Wasch-Trays vermeiden.

Gelenkinstrumente vor dem Aufbereiten öffnen. Zerlegbare Instrumente gemäß Bedienungsanleitung (Piktogramm) zur Reinigung zerlegen. Reinigungsgerechtes Zubehör verwenden. Für die manuelle Reinigung nie Metallbürsten oder Metallschwämme verwenden.

Spülmaschinen und Ultraschallanlagen nicht überladen. Spül- oder Schallschatten vermeiden. Dosierung, Einwirkzeit und Einwirktemperatur bei der Desinfektion und Reinigung unbedingt einhalten. Nach der Reinigung sorgfältig spülen. Möglichst vollentsalztes (demineralisiertes) Wasser verwenden.

Nach dem Spülen ausreichend trocknen.

Abgenutzte, korrodierte, deformierte, poröse oder anderweitig beschädigte Instrumente aussortieren.

Aus hygienischen Gründen müssen Instrumente, die zur Reparatur eingesandt werden komplett aufbereitet werden.

Gelenkinstrumente nach jeder Aufbereitung mit einem Pflegemittel auf Basis von Paraffinöl behandeln (gilt nicht für flexible Endoskope und Zubehör).

Funktionsprüfung in zusammengebautem Zustand durchführen.

Instrumente mit Rastensperre vor der Sterilisation nur im ersten Zahn schließen.

Als Sterilisationsverfahren empfehlen wir die Dampfsterilisation (üblicherweise mit Sattedampf bei 134° C)

Sterilisation ist kein Ersatz für Sauberkeit!

Die Broschüre "Instrumenten-Aufbereitung richtig gemacht" des Arbeitskreis Instrumenten-Aufbereitung dient als Anhalt.

Hadeo Instrumente

## IMPORTANT INFORMATION CONCERNING PREPARING AND STERILIZING SURGICAL INSTRUMENTS

Dear Sirs,  
please read the following instructions very carefully before using the instruments.

### 1. INITIAL USE

All instruments which are being used for the first time must be thoroughly cleaned, rinsed and then sterilized before using.

### 2. TREATING INSTRUMENTS AFTER USAGE

- a.) The instruments might be immediately thoroughly cleaned and disinfected. Please follow the manufacturer's instructions when using cleaning agents and disinfectants.
- b.) Instruments which may be dismantled must be cleaned and disinfected after being taken apart.
- c.) Cleaning may be carried out either manually or with a machine. Care should be taken that only cleaning agents and disinfectants are used, which are changed daily.
- d.) Following chemical disinfection and manual cleaning, all instruments must always be thoroughly rinsed under running water.
- e.) The temperature of water used in a machine for cleaning should not exceed 45°C.
- f.) Whether cleaning is carried out manually or by machine, we especially ask you to ensure that the correct dosage for cleaning solutions or the correct combination of disinfectant and cleaning solution, is employed. Similar importance should be applied to the length of time the agents require to perform properly and to the temperature set.
- g.) Hinged instruments should be opened before cleaning.
- h.) Please ensure that the perforated instrument trays, when loaded, do not exceed 10 kg in weight.
- i.) Please take care that when instruments are being cleaned they are arranged proper in a manne that fluids can circulate freely.
- j.) Deposits remaining after the cleaning process must be completely removed in the first rinse which now follows. The optimum temperature for final rinsing has proved to be between 70° and 90° C. Please use only purified water in this final cleaning stage.
- k.) The instruments must be carefully dried after cleaning and rinsing is completed.
- l.) Moving parts and the cutting edges of shears and scissors must be treated with preservatives which are both suitable and physiologically safe.

### 3. TESTING FOR CORRECT FUNCTIONING

- a.) Instruments must be carefully and thoroughly checked before every occasion that they are used.

- b.) After each time they are cleaned, the instruments must be macroscopically clean, i.e., visibly free from proteinbased residues and other soiling.
- c.) Care should be taken so that cracks, breakages and corrosion are noticed.
- d.) Instruments with flecks should be separated and taken out for special treatment.
- e.) All moving parts as well as working tips and blades should be checked with special care.
- f.) Checking should be carried out according to the extent to which the instruments will be used.
- g.) Instruments which are in any way defective or damaged should be immediately sorted out from the others.

### 4. STERILIZATION

- a.) All stainless steel surgical instruments supplied by us may be sterilized in an autoclave.
- b.) Please follow the manufacturer's operating instructions when using autoclave. All machines used must comply with all current quality and other standards.
- c.) Instruments are being sterilized/ autoclaved at a temperature of 134°C.
- d.) Sterilization packing material must comply with all current standards.
- e.) Instruments with ratchets or self-retaining mechanisms should be sterilized opened or in the first ratchet position.
- f.) Please ensure that perforated instrument trays, when loaded do not exceed 10 kg in weight.

### 5. IN GENERAL

- a.) All surgical instruments supplied by us have been thoroughly inspected before dispatch and leave our factory in perfect condition. Damage which can arise as a result of transporting, cleaning, preserving, sterilizing or storing, must be prevented.
- b.) Please handle surgical instruments always with the utmost care.
- c.) Instruments must be stored in a clean and dry place.
- d.) If you have any queries or problems please contact us at any time:

We should like to point out that, if the above-mentioned directions are not followed or the instruments supplied by us are not properly used, all guarantee claims become void and any consequences must be borne by yourselves.

## SUGERENCIAS PARA LA LIMPIEZA, ESTERILIZACIÓN Y MANTENIMIENTO DE INSTRUMENTOS QUIRÚRGICOS

### ENJUAGADO

Tras el uso enjuagar enseguida los instrumentos bajo un chorro de agua caliente (no hirviendo). El enjuagado debe servir para quitar los residuos de sangre, mucosas y tejidos.

### LIMPIEZA

Si la limpieza no se efectúa inmediatamente después del enjuagado, los instrumentos tienen que sumergirse en una solución de agua y detergente con PH neutro (7)

Para los instrumentos muy delicados (algunos tipos de porta agujas o tijeras se aconseja una limpieza manual: ver punto "C".

#### a.- Limpieza en la pila de ultrasonido

Los instrumentos tienen que estar en la pila el tiempo necesario recomendado por el fabricante para efectuar el ciclo del lavado, generalmente de 5 a 10 minutos.

Los instrumentos con bisagras o juntas (articulaciones) tienen que sumergirse en la pileta en posición abierta.

Asegurarse de que las hojas afiladas de las tijeras, bisturíes para gingivectomía, curetas, etc. no estén en contacto con otros instrumentos.

Todos los instrumentos deben estar completamente sumergidos en la solución de lavado.

No poner instrumentos de diferentes metales (acero inoxidable, instrumentos cromados, latón, etc.) en el mismo ciclo de lavado.

Cambiar a menudo la solución para el lavado, como mínimo todas las veces que lo recomienda el fabricante de la pila de ultrasonidos.

Enjuagar concienzudamente los instrumentos con agua corriente tras lavado con ultrasonidos para quitar los residuos de la solución de lavado.

#### b.- Limpieza con lavadora

Seguir las indicaciones del fabricante. Asegurarse de que los instrumentos hayan sido lubricados tras el último ciclo de lavado y antes del ciclo de esterilización.

#### c.- Limpieza manual

La mayor parte de los fabricantes de instrumentos indican el lavado con los ultrasonidos como el modo mejor y más eficaz para limpiar los instrumentos quirúrgicos, especialmente los que tienen bisagras, cierres y en general articulaciones. Si la limpieza con los ultrasonidos no es posible, se aconseja usar el método siguiente:

- Usar cepillos rígidos de plástico, nylon, etc.
- Cepillar concienzudamente los instrumentos más delicados y, si es posible, enjuagar, limpiar y esterilizar estos instrumentos separadamente.
- Verificar que toda la superficie de estos instrumentos esté limpia.
- Tras haber cepillado los instrumentos, enjuagarlos bajo el chorro de agua corriente.
- Durante el enjuagado abrir y cerrar las tijeras, las pinzas hemostáticas, los porta agujas y los demás instrumentos con bisagras o juntas y asegurarse de que las partes internas de las bisagras estén perfectamente enjuagadas como la superficie externa del instrumento.

### SECADO, LUBRIFICACIÓN E INSPECCIÓN

Tras las operaciones de limpieza y de enjuagado, los instrumentos quirúrgicos tienen que ser secados perfectamente.

Todos los instrumentos con juntas o bisagras (acción "metal contra metal") como tijeras, pinzas hemostáticas, porta agujas, fórceps de extracción, etc., tienen que ser lubricados. Se aconsejan lubricantes específicos para el instrumental quirúrgico. No usar aceites o lubricantes industriales.

A este punto es buena norma inspeccionar el estado de cada instrumento y verificar el funcionamiento según el uso específico. Controlar y asegurarse de que:

- Las hojas de las tijeras estén lisas de arriba abajo y de que, una vez cerradas, no hagan juego. Probar las tijeras cortando gasa muy fina. Tres cuartas parte de la hoja tienen que cortar la gasa sin retenerla.

- Las puntas de las pinzas estén al mismo nivel.
- Las pinzas hemostáticas y los porta agujas no dejen pasar la luz entre las puntas cuando estén cerradas, se abran y cierren fácilmente y que las bisagras no estén demasiado flojas.
- Controlar el desgaste de la porta agujas sobre la superficie interna de las puntas.
- Las cánulas metálicas de aspiración estén bien limpias en su interior.
- Los instrumentos cortantes y los bisturíes tengan las hojas bien afiladas y no estropeadas.

### ESTERILIZACIÓN EN AUTOCLAVE

Tras haber enjuagado, limpiado, secado, lubricado e inspeccionado los instrumentos, éstos pueden ser preparados para la esterilización separadamente o en serie.

Instrumentos individuales:

Las bolsas especiales monouso son el ideal para contener los instrumentos. Asegurarse de que las bolsas que contendrán los instrumentos con cierres y articulaciones (pinzas hemostáticas, porta agujas, etc.) sean lo bastante grandes como para contener los citados instrumentos en posición abierta.

Instrumentos en serie:

Poner los instrumentos en los especiales cestos o bandejas de acero inoxidable. Poner los instrumentos más pesados en la parte inferior cuando sean necesarias varias bandejas.

No cerrará nunca los instrumentos durante el ciclo en autoclave. Un instrumento cerrado no estará nunca bien esterilizado, ya que el vapor no puede penetrar en la parte de cierre a contacto "metal contra metal". En el instrumento podría además romperse en la parte de la bisagra a causa de la expansión del metal debida al calor durante el ciclo del autoclave.

No cargar demasiado la cámara del autoclave ya que algunos instrumentos podrían formar "zonas de sombra" sobre otros en los que el vapor no penetraría.

### ATENCIÓN

Al final del ciclo de esterilización - antes del ciclo de secado- abrir ligeramente la portezuela del autoclave y preceder con el ciclo desecado según las instrucciones del fabricante. Si la portezuela del autoclave se abre completamente antes del ciclo de secado, el aire frío de la habitación entraría en la cámara del autoclave causando la formación de condensación sobre los instrumentos y de consecuencia aparecerían las manchas de agua que vemos a menudo en los mismos.

### ESTERILIZACIÓN EN FRÍO:

La mayor parte de las soluciones para la esterilización en frío esterilizan los instrumentos completamente tras 10 horas de inmersión. Esta acción química prolongada puede ser más perjudicial para los instrumentos que el ciclo normal de 20 minutos en autoclave.

Si los instrumentos tienen necesidad de ser simplemente "desinfectados", el proceso en frío es adecuado, ya que la desinfección tiene lugar en 10 minutos solamente.

Recuerde bien la diferencia entre:

ESTÉRIL - término absoluto (ningún organismo logra sobrevivir) y

DESINFECTADO - perfectamente limpio.

Usen siempre la técnica más adecuada de esterilización/limpieza de los instrumentos según el uso que se haga posteriormente de ellos.

Recuerden que la esterilización de los instrumentos no sustituye la limpieza de los mismos.

Recomendamos no volver a usar ni esterilizar los artículos de un solo uso. Si se tratan en el modo correcto los instrumentos construidos con las modernas aleaciones inoxidables pueden durar muchos años.

**INDICAZIONI PER LA CURA, PULITURA E LA STERILIZZAZIONE  
DELLO STRUMENTARIO CHIRURGICO RISTERILIZZABILE****Misure preventive anticorrosione**

- 1) Raggruppare accuratamente gli strumenti correttamente confezionati e sterilizzati prima dell'operazione; selezionarli secondo l'intervento. Verificare sempre che la confezione esterna sia integra e che lo strumento stesso non sia danneggiato.
  - 2) Assicurarsi tramite l'indicatore di sterilizzazione collocato all'interno del vaglio che il contenuto sia stato sterilizzato.
  - 3) Disporre gli strumenti seguendo l'ordine di utilizzo durante l'operazione; lasciare gli strumenti non necessari nel vaglio; predisporre gli strumenti solo immediatamente prima dell'operazione.
  - 4) Nel corso dell'operazione rimuovere dagli strumenti sangue ed altri materiali biologici; dopo l'uso, riporre gli strumenti nel corretto alloggiamento.
  - 5) Risciacquare opportunamente gli strumenti cavi, al fine di evitare l'adesione di sangue e polvere d'osso.
  - 6) Per la pulitura degli strumenti utilizzare una soluzione lattata o una soluzione salina, ma non immergerli nelle suddette soluzioni.
  - 7) Iniziare l'operazione di pulitura subito dopo l'intervento. Strumenti utilizzati su pazienti con possibili infezioni: smaltire in modo analogo, eliminando sangue, polvere d'osso parti di tessuto in eccesso.
  - 8) Pulire gli strumenti in un luogo previsto nell'ambito della sala operatoria.
- Nel caso in cui gli strumenti vadano collocati direttamente nella centrale di sterilizzazione, è necessario dapprima coprirli, per evitare il rischio di contaminazione ai danni del personale o dell'ambiente circostante.

**Disinfezione**

Durante l'uso di disinfettanti chimici è necessario osservare scrupolosamente le indicazioni del produttore; utilizzare le soluzioni sempre previa diluizione. Nella fase termica di disinfezione con acqua bollente assicurarsi che l'acqua sia priva di corpi estranei.

**Pulitura**

Indipendentemente dal metodo utilizzato per la pulitura (meccanico o manuale) si raccomanda di verificare attentamente quale detergente vada utilizzato con ciascun metodo. Valori pH consigliati: tra 7,0 e 8,5.

**1) Pulitura meccanica**

Osservare scrupolosamente le istruzioni d'uso fornite dal produttore della macchina pulitrice. Predisporre gli

strumenti per la pulitura meccanica. Tutti gli strumenti appuntiti e delicati dovrebbero essere puliti manualmente.

Non sovraccaricare i vagli, mettere gli strumenti pesanti sul fondo del vaglio. Se necessario, immergere e risciacquare gli strumenti molto sporchi (strumenti cavi), prima di collocarli nella lavatrice.

**2) Pulitura ad ultrasuoni**

(fa parte dei metodi di pulitura meccanica)

Prima di inserire uno strumento nel bagno ad ultrasuoni, rimuovere i materiali organici in eccesso. I bagni ad ultrasuoni sono consigliati per le filettatrici o gli strumenti con solchi profondi. L'ultrasuono deve essere seguito da un programma di risciacquo normale.

**3) Pulitura manuale**

Richiede diverse spazzole in nylon, una canna da soffio ed un ugello da soffio/ un dispositivo ad aria compressa pulito, detergenti e solventi come per la pulitura meccanica.

Per gli additivi di pulitura osservare le indicazioni fornite dal produttore.

Per la pulitura degli strumenti dotati di cannula, passare più volte lo spazzolino di nylon attraverso la cannula eseguendo movimenti rotatori (non utilizzare spazzole in lana d'acciaio/metallo) fino alla completa rimozione dei residui eliminabili con questo metodo.

Soffiare poi con aria compressa nella cannula.

**4) Asciugatura**

Ogni strumento deve essere asciugato completamente sia internamente che esternamente per evitare la formazione di ruggine o malfunzionamenti.

**Indicazioni per la sterilizzazione della strumentazione**

Pulire immediatamente ed asciugare bene gli strumenti usati, non utilizzare detergenti e disinfettanti con additivi fortemente acidi o alcalini (ad es. soda, soda caustica o acidi)!

Sterilizzare la strumentazione solo a vapore A 134°! Prima della sterilizzazione, assicurarsi che gli strumenti siano perfettamente funzionanti ed integri. La sterilizzazione non sostituisce la pulitura.



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DIAGNOSTIK

DIAGNOSTICS

DIAGNÓSTICO

DIAGNOSTICA



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**HADEO**  
INSTRUMENTE GERMANY

Perkussionshämmer  
Percussion Hammers  
Martillos de percusión  
Martelli da percussione



TAYLOR - USA Mod.  
03288-17 17 cm, 6 3/4"  
03288-20 20 cm, 8"



BABINSKY  
03292-22 22 cm, 8 3/4"



TROEMNER  
03294-24 24 cm, 9 1/2"



DEJERINE  
03304-20 20 cm, 8"



BERLINER  
03306-17 17 cm, 6 3/4"



BUCK  
03308-18 18 cm, 7"

**HADEO**  
INSTRUMENTE GERMANY

Hämmer  
Bone Hammers and Mallets  
Martillos y mazos  
Martelli

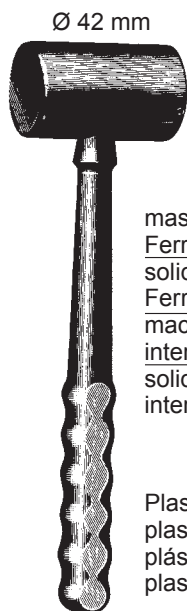


WILLIGER  
33691-34  
24 cm, 9 1/2"  
340 g



Ø 25 mm  
33694-03  
Ersatzbacken  
Nylon Caps  
Tapas de repuesto  
Battenti di ricambio

33694-01  
18,5 cm, 7 1/4"  
135 g



Ø 42 mm  
33695-40  
26 cm, 10 1/4"  
400 g

massiv, mit auswechselbaren  
Ferrozellbacken  
solid, with interchangeable  
Ferrozell jaws  
macizo, con tapas  
intercambiables de Ferrozell  
solido, con placche  
intercambiabili in Ferrozell

Plastik  
plastic  
plástico  
plastica



Ø 40 mm      Ø 30 mm  
33699-17  
26,5 cm, 10 1/2"  
530 g

**HADEO**  
INSTRUMENTE GERMANY

Hämmer  
Bone Hammers and Mallets  
Martillos y mazos  
Martelli

Ø 30 mm



33700-01-01  
Ersatzbacken  
Nylon Caps  
Tapas de repuesto  
Battenti di ricambio

33700-01  
24,5 cm, 9 3/4" 215 g

Ø 30 mm



COTTLE  
33700-05  
18 cm, 7" 240 g

Ø 40 mm



OMBREDANNE  
33700-07  
25 cm, 10" 700 g

Ø 35 mm



WAGNER  
33709-00  
24,5 cm, 9 3/4" 215 g

komplett mit:  
1 Paar Metallbacken 33709-01  
1 Paar Kunststoffbacken 33709-02  
1 Schlüssel 33709-03  
complete with:  
1 pair of metal discs 33709-01  
1 pair of plastic discs 33709-02  
1 wrench 33709-03  
completo con:  
1 par de mandibulas de metal 33709-01  
1 par de zapatos de plástico 33709-02  
1 llave 33709-03  
completo di battenti:  
1 paio di ganasce di metallo 33709-02  
1 paio di dischi di plastica 33709-02  
1 chiave 33709-03



**HADEO**  
INSTRUMENTE GERMANY

Prüf- und Meßinstrumente, Stimmgabel  
Examination and Measuring Instruments, Tuning Fork  
Instrumentos para exámenes y medición, Diapason  
Strumenti per esaminare e misurare, Diapason



03360-01  
Messbereich bis 150 mm  
measuring range up to 150 mm  
campo de medición hasta 150 mm  
calibro con scala fino a 150 mm



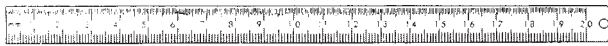
WARTENBERG  
03320-19  
19 cm, 7 1/2"

aus Stahl  
of steel  
de acero  
di acciaio



03350-15  
1,5 m 0.6"

mm & Inch



Metall		
03340-10	10 cm	4"
03340-15	15 cm	6"
03340-20	20 cm	8"
03340-30	30 cm	12"
03340-50	50 cm	20"



45075-00



Wondershare PDFelement

SKALPELLE

SCALPELS

BISTURÍES

BISTURI



[www.hadeo.co](http://www.hadeo.co)

**HADEO**  
INSTRUMENTE GERMANY

Skalpelli-Griffe  
Scalpel Handles  
Mangos de bisturíes  
Manici per lame bisturi

passend zu den Klängen  
for blades  
para las hojas  
per lame bisturi

Ⓐ No. 10, 11, 12, 13, 14, 15, 16, 17, 18, 19



07103-00

Fig. 3

Ⓐ



07103-01

Fig. 3 grad.

Ⓐ



07106-01  
14,5 cm 5 3/4"

Ⓐ

**HADEO**  
INSTRUMENTE GERMANYSkalpell-Griffe  
Scalpel Handles  
Mangos de bisturíes  
Manici per lame bisturipassend zu den Klängen  
for blades  
para las hojas  
per lame bisturi

Ⓐ No. 10, 11, 12, 13, 14, 15, 16, 17, 18, 19



07107-00

Fig. 7

Ⓐ



07107-01

Fig. 7K

Ⓐ



07109-10 10,0 cm, 4"

07109-13 13,0 cm, 5"

07109-15 15,5 cm, 6"



07161-00



07162-00



07165-00



07167-00

Packung mit 10 Stück  
box of 10  
en cajas de 10 pzas  
confezione di 10

**HADEO**  
INSTRUMENTE GERMANY

Skalpell-Griffe  
Scalpel Handles  
Mangos de bisturíes  
Manici per lame bisturi



CASPAR



93380-13  
135 mm / 5 1/2"



93380-15  
155 mm / 6"



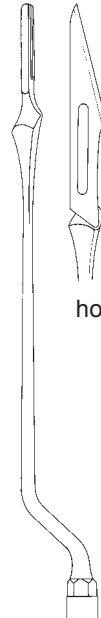
93380-18  
180 mm / 7"



93380-20  
200 mm / 8"



LANDOLT  
93385-21 210 mm / 8 1/4"  
93385-25 250 mm / 10"



horizontal

LANDOLT  
93390-21 210 mm / 8 1/4"

**HADEO**  
INSTRUMENTE GERMANYKlingenbrecher  
Blade Breakers  
Rompe-hojas  
Rompi lama di rasoioTROUTMAN-CHRIS  
07290-09 9 cm, 3 1/2"HADEO  
07291-11 11 cm, 4 3/8"CASTROVIEJO  
07294-13 13 cm, 5 1/8"





Wondershare PDFelement

SCHEREN

SCISSORS

TIJERAS

FORBICI



[www.hadeo.co](http://www.hadeo.co)

# HADEO

INSTRUMENTE GERMANY

Chirurgische Scheren  
Operating Scissors  
Tijeras para cirugía  
Forbici per chirurgia



STANDARD —  
09102-13 13,0 cm, 5"  
09102-14 14,5 cm, 5 3/4"  
**09104-14 TC**  
09102-16 16,5 cm, 6 1/2"  
09102-18 18,5 cm, 7 1/4"



STANDARD —  
09110-13 13,0 cm, 5"  
09110-14 14,5 cm, 5 3/4"  
**09114-14 TC**  
09110-16 16,5 cm, 6 1/2"  
09110-18 18,5 cm, 7 1/4"



STANDARD —  
09120-13 13,0 cm, 5"  
09120-14 14,5 cm, 5 3/4"  
**09124-14 TC**  
09120-16 16,5 cm, 6 1/2"  
09120-18 18,5 cm, 7 1/4"



STANDARD —  
09103-13 13,0 cm, 5"  
09103-14 14,5 cm, 5 3/4"  
**09105-14 TC**  
09103-16 16,5 cm, 6 1/2"  
09103-18 18,5 cm, 7 1/4"



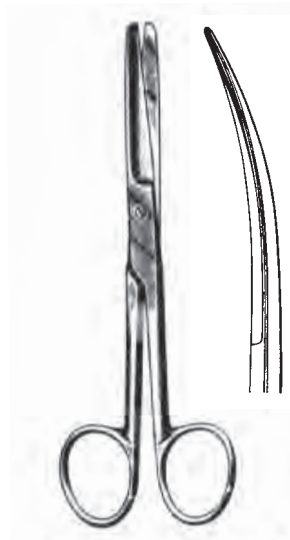
STANDARD —  
09111-13 13,0 cm, 5"  
09111-14 14,5 cm, 5 3/4"  
**09115-14 TC**  
09111-16 16,5 cm, 6 1/2"  
09111-18 18,5 cm, 7 1/4"



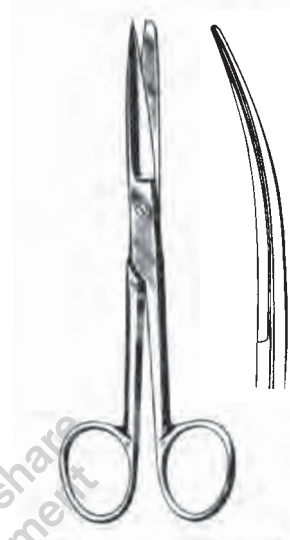
STANDARD —  
09121-13 13,0 cm, 5"  
09121-14 14,5 cm, 5 3/4"  
**09125-14 TC**  
09121-16 16,5 cm, 6 1/2"  
09121-18 18,5 cm, 7 1/4"



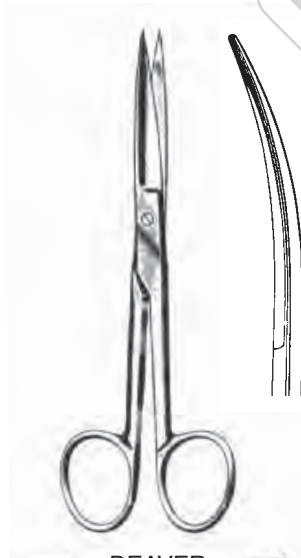
Chirurgische Scheren  
Operating Scissors  
Tijeras para cirugía  
Forbici per chirurgia



DEAVER  
09130-14 14 cm 09131-14  
5 1/2"



DEAVER  
09140-14 14 cm 09141-14  
5 1/2"



DEAVER  
09150-14 14 cm 09151-14  
5 1/2"



KELLY  
09540-16 09541-16  
09542-16 TC 09543-16 TC  
16 cm, 6 1/4"

**HADEO**  
INSTRUMENTE GERMANY

Präparierscheren  
Dissecting Scissors  
Tijeras de disección  
Forbici per dissezione



MAYO

09160-14	14,5 cm	09161-14
09164-14 TC	14,5 cm	09165-14 TC
	5 3/4"	
09160-17	17,0 cm	09161-17
09164-17 TC	17,0 cm	09165-17 TC
	6 3/4"	
09160-23	23,0 cm	09161-23
09164-23 TC	23,0 cm	09165-23 TC
	9"	



MAYO-STILLE

09170-15	15,0 cm	09171-15
09174-15 TC	15,0 cm	09175-15 TC
	6"	
09170-17	17,0 cm	09171-17
09174-17 TC	17,0 cm	09175-17 TC
	6 3/4"	
09170-21	21,0 cm	09171-21
09174-21 TC	21,0 cm	09175-21 TC
	8 1/4"	



LEXER

09190-16
09194-16 TC
16 cm, 6 1/4"



LEXER

09191-16
09195-16 TC
16 cm, 6 1/4"

**HADEO**  
 INSTRUMENTE GERMANY

 Präparierscheren  
 Dissecting Scissors  
 Tijeras de disección  
 Forbici per dissezione


**METZENBAUM**

09280-12 **09284-12 TC**  
 12 cm 4 3/4"

09280-15 **09284-15 TC**  
 15 cm 6"

09280-18 **09284-18 TC**  
 18 cm 7"

09280-20 **09284-20 TC**  
 20 cm 8"

09280-23 **09284-23 TC**  
 23 cm 9"

09280-25 **09284-25 TC**  
 25 cm 10"



**METZENBAUM**

09281-12 **09285-12 TC**  
 12 cm 4 3/4"

09281-15 **09285-15 TC**  
 15 cm 6"

09281-18 **09285-18 TC**  
 18 cm 7"

09281-20 **09285-20 TC**  
 20 cm 8"

09281-23 **09285-23 TC**  
 23 cm 9"

09281-25 **09285-25 TC**  
 25 cm 10"



**METZENBAUM FINO**

09282-15 **09286-15 TC**  
 15 cm 6"

09282-18 **09286-18 TC**  
 18 cm 7"

09282-20 **09286-20 TC**  
 20 cm 8"

09282-23 **09286-23 TC**  
 23 cm 9"

09282-25 **09286-25 TC**  
 25 cm 10"



**METZENBAUM FINO**

09283-15 **09287-15 TC**  
 15 cm 6"

09283-18 **09287-18 TC**  
 18 cm 7"

09283-20 **09287-20 TC**  
 20 cm 8"

09283-23 **09287-23 TC**  
 23 cm 9"

09283-25 **09287-25 TC**  
 25 cm 10"

**HADEO**  
INSTRUMENTE GERMANY

Präparierscheren  
Dissecting Scissors  
Tijeras de disección  
Forbici per dissezione



METZENBAUM BLACK

09281-15B  
14,5 cm, 5 3/4"

09281-18B  
18 cm, 7"

09281-20B  
20 cm, 8"

09283-18B  
18 cm, 7"

09283-20B  
20 cm, 8"

fein  
delicate  
fina  
delicate

fein  
delicate  
fina  
delicate



**HADEO**  
INSTRUMENTE GERMANY

Präparierscheren  
Dissecting Scissors  
Tijeras de disección  
Forbici per dissezione



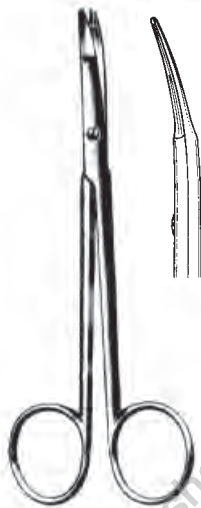
BABY-METZENBAUM BLACK  
09283-15B  
14,5 cm, 5 3/4"



BLACK  
09371-11B  
11,5 cm, 4 1/2"

**HADEO**  
INSTRUMENTE GERMANY

Präparierscheren  
Dissecting Scissors  
Tijeras de disección  
Forbici per dissezione



KILNER

- 09310-12 12 cm, 4 3/4" **09314-12 TC**
- 09310-15 15 cm, 6"
- 09312-12 12 cm, 4 3/4"



JAMESON WERBER  
09322-13 13 cm, 5"

fein  
delicate  
fina  
delicate



REYNOLDS —  
09321-15 15 cm, 6"  
09321-18 18 cm, 7"  
**09325-15 TC** 15 cm, 6"



Feine Scheren, Nerv-Präparierscheren  
 Delicate Scissor, Nerve Dissecting Scissors  
 Tijeras finas, Tijeras de diseccion para nervios  
 Forbici delicate per preparazione nervi

Iris - Standard



abgewinkelt  
 angled  
 angulada  
 angolata

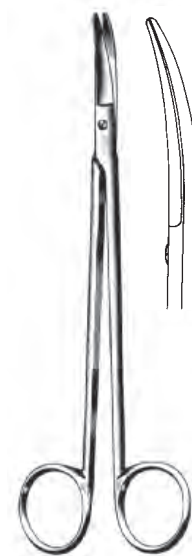
09340-09	9 cm, 3 1/2"	09341-09	09346-11	11 cm, 4 3/8"
09340-10	10 cm, 4"	09341-10		
09340-11	11 cm, 4 3/8"	09341-11		
<b>09344-11 TC</b>	11 cm, 4 3/8"	<b>09345-11 TC</b>		



09582-15 09583-15  
 15 cm, 6"



TOENNIS-ADSON  
 09610-18  
 18 cm, 7"



TOENNIS-ADSON  
 09611-18  
 18 cm, 7"

**HADEO**  
INSTRUMENTE GERMANY

Feine Scheren  
Delicate Scissors  
Tijeras finas  
Forbici delicate



GRADLE  
09350-09 09351-09  
9,5 cm, 3 3/4"



09352-09 09353-09  
9,5 cm, 3 3/4"



09360-11



09362-11



STEVENS  
11 cm, 4 3/8"



09361-11



09363-11

**HADEO**  
INSTRUMENTE GERMANY

Gefäßscheren  
Vascular Scissors  
Tijeras vasculares  
Forbici vascolari



POTTS-DE MARTEL  
09473-21  
21 cm, 8 1/4"



MILLS  
09474-22  
22 cm, 8 3/4"



DIETRICH



25°

09475-25  
**09476-25 TC**  
18 cm, 7"



45°

09475-45  
**09476-45 TC**  
18 cm, 7"



60°

09475-60  
**09476-60 TC**  
17,5 cm, 6.9"



90°

09475-90  
**09476-90 TC**  
17 cm, 6 3/4"



125°

09475-00  
**09476-00 TC**  
17 cm, 6 3/4"

**HADEO**  
INSTRUMENTE GERMANY

Gefäßscheren  
Vascular Scissors  
Tijeras vasculares  
Forbici vascolari

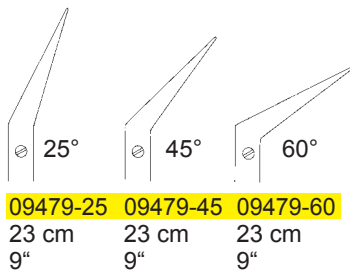
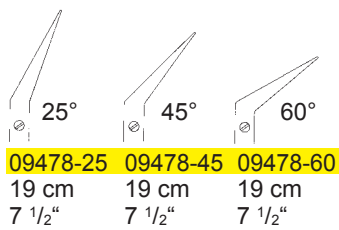


DIETRICH  
09477-01  
17 cm, 6 3/4"



POTTS-SMITH  
09480-18  
18,5 cm, 7 1/4"

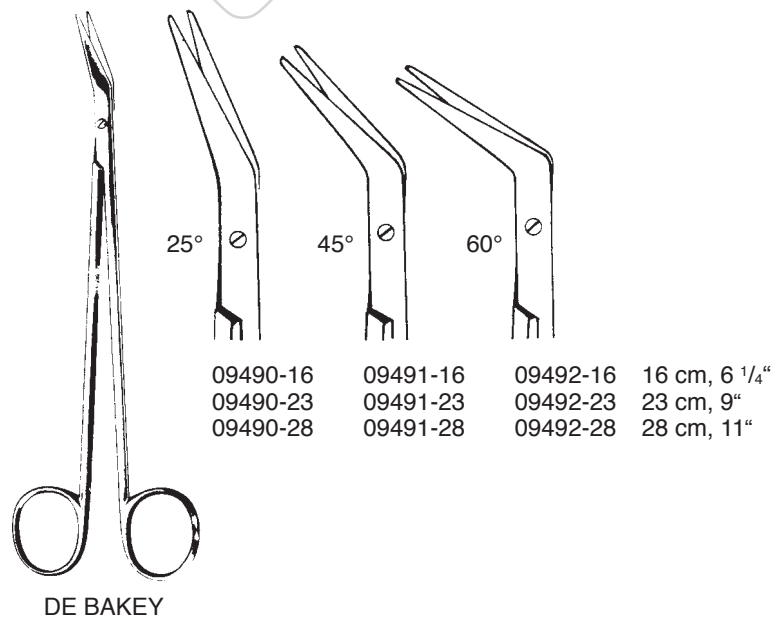
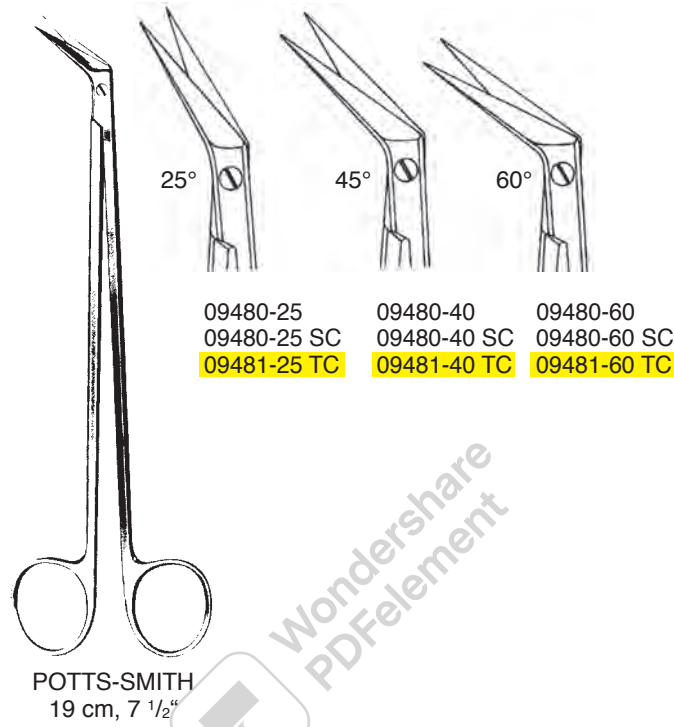
Scheren mit Hartmetalleinsätzen  
Scissors with Tungsten Carbide  
Tijeras con carburo de tungsteno  
Forbici con carburo di tungsteno



DE BAKHEY  
(POTTS-SMITH)

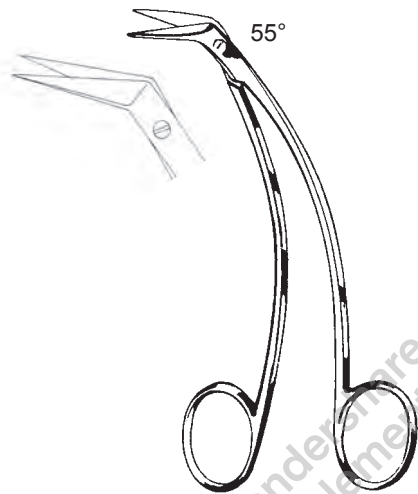
**HADEO**  
INSTRUMENTE GERMANY

Gefäßscheren  
Vascular Scissors  
Tijeras vasculares  
Forbici vascolari

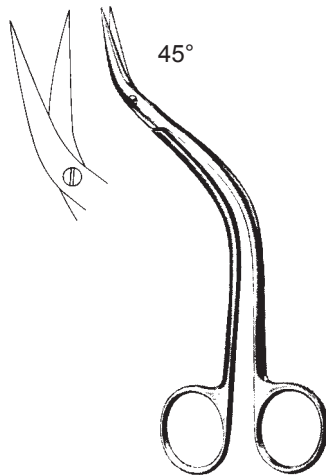


**HADEO**  
INSTRUMENTE GERMANY

Gefäßscheren  
Vascular Scissors  
Tijeras vasculares  
Forbici vascolari



FAVALORO  
09496-15 15 cm, 5.9"



DE BAKEY  
09497-15 15,5 cm, 6"



**HADEO**  
INSTRUMENTE GERMANY

Trigeminusscheren  
Trigeminal Scissors  
Tijera para trigemino  
Forbici per trigemino



STRULLY  
09601-22  
22 cm, 8 3/4"



DANDY  
09617-17  
17 cm, 6 3/4"



gezahnt  
toothed  
dentada  
dentate

OLIVECRONA  
09620-23  
23 cm, 9"

**HADEO**  
INSTRUMENTE GERMANY

Duraschere  
Dura Scissors  
Tijeras para duramadre  
Forbici per dura-madre



SCHMIEDEN-TAYLOR  
09619-17  
17 cm, 6 <sup>3</sup>/<sub>4</sub>"

Draht-, Bleischere  
Wire and plate scissors  
Tijeras para alambre y láminas  
Forbici per filo di metallo e lamiera



UNIVERSAL  
09831-12 12 cm, 4 <sup>3</sup>/<sub>4</sub>"  
09835-12 TC 12 cm, 4 <sup>3</sup>/<sub>4</sub>"

**HADEO**  
INSTRUMENTE GERMANY

Mikro-Federscheren, bajonettförmig  
Micro Scissors (Spring Type), bayonet-shaped  
Micro tijeras, forma bayoneta  
Micro forbici a baionetta



190 mm  
7 1/2"

10120-18



10121-18



10122-18

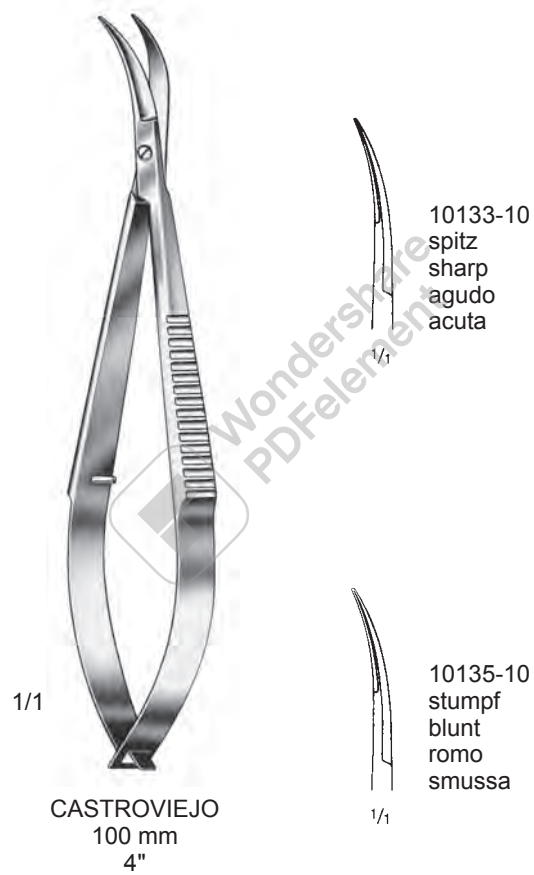


10123-18



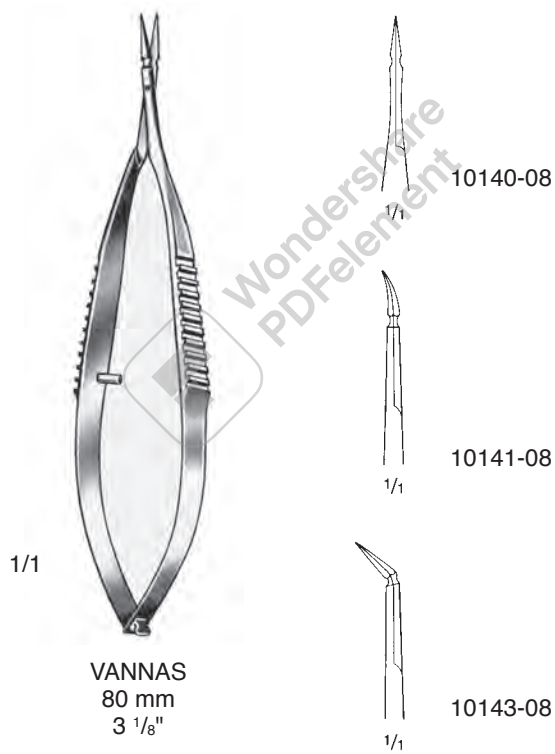
**HADEO**  
INSTRUMENTE GERMANY

Mikro-Federscheren  
Micro Scissors (Spring Type)  
Micro tijeras  
Micro forbici



**HADEO**  
INSTRUMENTE GERMANY

Mikro-Federscheren  
Micro Scissors (Spring Type)  
Micro tijeras  
Micro forbici



**HADEO**  
INSTRUMENTE GERMANY

Mikro Scheren  
Micro Scissors  
Micro tijeras  
Micro Forbice



10 mm

11 cm  
4 3/8"

10202-11

10203-11

14,5 cm  
5 3/4"

10202-14

10202-14T

10203-14

10203-14T

18 cm  
7"

10202-18

10202-18T

10203-18

10203-18T

21 cm  
8 1/4"

10202-21

10202-21T

10203-21

10203-21T

23 cm  
9"

10202-23

10203-23

T = Titan, titanium, titanio, titanio

**HADEO**  
INSTRUMENTE GERMANY

Mikro Scheren  
Micro Scissors  
Micro tijeras  
Micro Forbice



18 cm 7"



25°

10220-25

10220-25T



45°

10220-45

10220-45T



60°

10220-60

10220-60T



90°

10220-90

10220-90T



125°

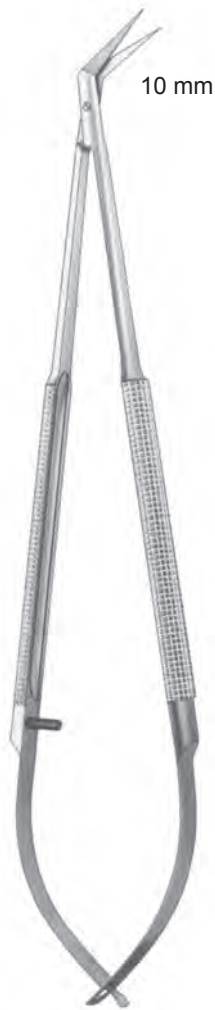
10220-00

10220-00T

T = Titan, titanium, titanio, titanio

**HADEO**  
INSTRUMENTE GERMANY

Mikro Scheren  
Micro Scissors  
Micro tijeras  
Micro Forbice



	11 cm 4 3/8"	14,5 cm 5 3/4"	18 cm 7"	21 cm 8 1/4"	23 cm 9"
25°	10226-11	10226-14	10226-18 <b>10226-18T</b>	10226-21	10226-23
45°	10227-11	10227-14	10227-18 <b>10227-18T</b>	10227-21	10227-23
60°	10228-11	10228-14	10228-18 <b>10228-18T</b>	10228-21	10228-23
90°	10229-11	10229-14	10229-18 <b>10229-18T</b>	10229-21	10229-23
125°	10230-11	10230-14	10230-18 <b>10230-18T</b>	10230-21	10230-23

T = Titan, titanium, titanio, titanio



**HADEO**  
INSTRUMENTE GERMANY

Mikro-Federscheren, bajonettförmig  
Micro Scissors (Spring Type), bayonet-shaped  
Micro tijeras, forma bayoneta  
Micro forbici a baionetta



YASARGIL



93094-16 165 mm / 6 1/2"  
93094-20 200 mm / 8"



93095-16 165 mm / 6 1/2"  
93095-20 200 mm / 8"



93097-20 200 mm / 8"



93098-20 200 mm / 8"  
Präparierscheren  
Dissecting Scissors  
Tijeras de disección  
Forbici per dissezione



93099-20 200 mm / 8"  
Präparierscheren  
Dissecting Scissors  
Tijeras de disección  
Forbici per dissezione

**HADEO**  
INSTRUMENTE GERMANY

Mikro-Federscheren, bajonettförmig  
Micro Scissors (Spring Type), bayonet-shaped  
Micro tijeras, forma bayoneta  
Micro forbici a baionetta



93100-22 225 mm / 9"  
93101-22 225 mm / 9"

YASARGIL  
Schneiden gezahnt  
toothed blades  
ramas dentadas  
tagli dentellati



93102-22 225 mm / 9" VANNAS



93103-22 225 mm / 9"  
93103-24 245 mm / 9 3/4"

YASARGIL



93105-22 225 mm / 9" VANNAS



93107-22 225 mm / 9" YASARGIL



93108-22 225 mm / 9" YASARGIL

Präparierscheren  
Dissecting Scissors  
Tijeras de disección  
Forbici per dissezione

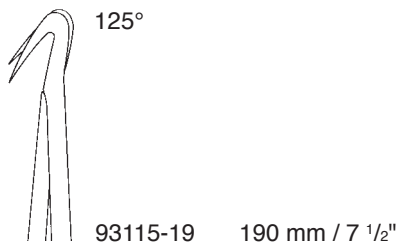
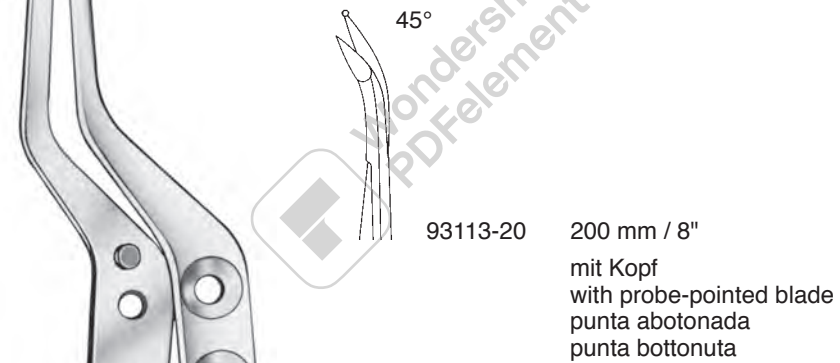
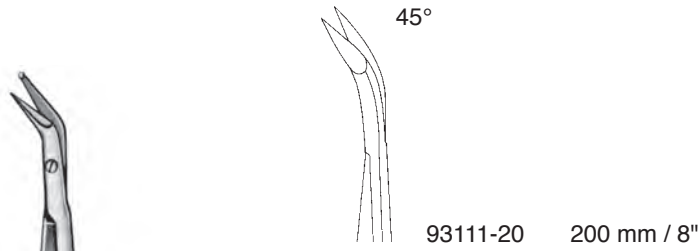


93109-22 225 mm / 9" YASARGIL

Präparierscheren  
Dissecting Scissors  
Tijeras de disección  
Forbici per dissezione

**HADEO**  
INSTRUMENTE GERMANY


Mikro-Federschere, bajonettförmig  
Micro Scissors (Spring Type), bayonet-shaped  
Micro tijeras, forma bayoneta  
Micro forbici a baionetta





NAGEL





Mikro-Federscheren  
 Micro Scissors (Spring Type)  
 Micro tijeras  
 Micro forbici


	93180-12	120 mm / 4 3/4"	
	93180-16	160 mm / 6 1/4"	
	93182-16	160 mm / 6 1/4"	MILLES!
			Schneiden gezahnt ← toothed blades ramas dentadas tagli dentellati
	93180-18	185 mm / 7 1/4"	YASARGIL

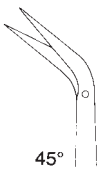
	93181-12	120 mm / 4 3/4"	
	93181-16	160 mm / 6 1/4"	
	93183-16	160 mm / 6 1/4"	MILLES!
			Schneiden gezahnt ← toothed blades ramas dentadas tagli dentellati
	93181-18	185 mm / 7 1/4"	JACOBSON

	93190-12	120 mm / 4 3/4"	VANNAS
	93190-16	160 mm / 6 1/4"	

	93191-12	120 mm / 4 3/4"	VANNAS
	93191-16	160 mm / 6 1/4"	

	93192-13	130 mm / 5 1/8"	BIEMER
			Venenschere Vein Scissors Tijera para venas Forbice per vene

	93193-12	120 mm / 4 3/4"	VANNAS
---	----------	-----------------	--------

	93195-18	185 mm / 7 1/4"	POTTS-YASARGIL
			45°





Mikro-Federscheren  
 Micro Scissors (Spring Type)  
 Micro tijeras  
 Micro forbici

- |          |                   |          |
|----------|-------------------|----------|
| 93210-12 | 120 mm / 4 3/4"   |          |
| 93210-16 | 160 mm / 6 1/4"   |          |
| 93212-16 | 160 mm / 6 1/4"   | MILLES   |
|          | Schneiden gezahnt | ←        |
|          | toothed blades    |          |
|          | ramas dentadas    |          |
|          | tagli dentellati  |          |
| 93210-18 | 185 mm / 7 1/4"   | YASARGIL |



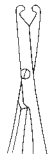
- |          |                   |          |
|----------|-------------------|----------|
| 93211-12 | 120 mm / 4 3/4"   |          |
| 93211-16 | 160 mm / 6 1/4"   |          |
| 93213-16 | 160 mm / 6 1/4"   | MILLES   |
|          | Schneiden gezahnt | ←        |
|          | toothed blades    |          |
|          | ramas dentadas    |          |
|          | tagli dentellati  |          |
| 93211-18 | 185 mm / 7 1/4"   | JACOBSON |
| 93216-12 | 120 mm / 4 3/4"   | VANNAS   |
| 93216-16 | 160 mm / 6 1/4"   |          |



- |          |                 |        |
|----------|-----------------|--------|
| 93217-12 | 120 mm / 4 3/4" | VANNAS |
| 93217-16 | 160 mm / 6 1/4" |        |



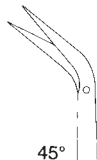
- |          |                   |        |
|----------|-------------------|--------|
| 93218-13 | 130 mm / 5 1/8"   | BIEMER |
|          | Venenschere       |        |
|          | Vein Scissors     |        |
|          | Tijera para venas |        |
|          | Forbice per vene  |        |



- |          |                 |        |
|----------|-----------------|--------|
| 93219-12 | 120 mm / 4 3/4" | VANNAS |
|----------|-----------------|--------|



- |          |                 |                |
|----------|-----------------|----------------|
| 93221-18 | 185 mm / 7 1/4" | POTTS-YASARGIL |
|----------|-----------------|----------------|



45°



**HADEO**  
INSTRUMENTE GERMANY

Mikro-Federscheren  
Micro Scissors (Spring Type)  
Micro tijeras  
Micro forbici



93270-14 145 mm / 5 3/4"  
93270-18 180 mm / 7"



93270-23 230 mm / 9"

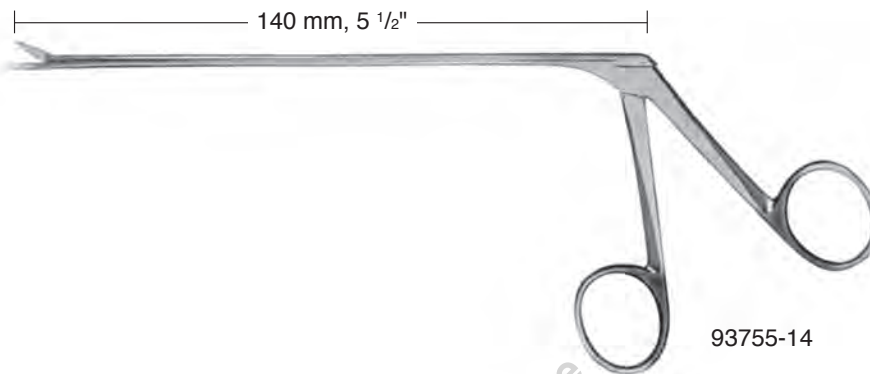


93271-14 145 mm / 5 3/4"  
93271-18 180 mm / 7"

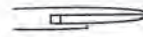


93273-14 145 mm / 5 3/4"  
93273-18 180 mm / 7"

Mikro Präparierscheren  
Micro dissecting Scissors  
Micro tijeras de disección  
Micro forbici per dissezione

**HADEO**  
INSTRUMENTE GERMANYTumorschere  
Tumor scissors  
Tijera para tumores  
Forbice per tumori

93755-14

gerade  
straight  
recta  
retta

93756-14

rechts gebogen  
curved right  
curva hacia la derecha  
curva a destra

93757-14

links gebogen  
curved left  
curva hacia la izquierda  
curva a sinistra

**HADEO**  
INSTRUMENTE GERMANY

Rippenscheren  
Rib Shears  
Costótomos  
Costotomi



SAUERBRUCH  
57131-26  
26 cm, 10 1/4"



GIERTZ-STILLE  
57137-27  
27 cm, 10 1/2"



SAUERBRUCH-FREY  
57141-36  
36 cm, 14.2"



Wondershare PDFelement

PINZETTEN

FORCEPS

PINZAS

PINZETTE



[www.hadeo.co](http://www.hadeo.co)

**HADEO**  
INSTRUMENTE GERMANY

Anatomische und chirurgische Pinzetten  
Dressing and Tissue Forceps  
Pinzas de disección, sin/con dientes  
Pinze per dissezione, chirurgiche/anatomiche



1x2

## POTTS-SMITH

11112-18	18 cm, 7"	11116-18 TC
11112-21	21 cm, 8 1/4"	11116-21 TC
11112-25	25 cm, 10"	11116-25 TC

## POTTS-SMITH

11126-18	18 cm, 7"
11126-21	21 cm, 8 1/4"
11126-25	25 cm, 10"

Anatomische und chirurgische Pinzetten  
Dressing and Tissue Forceps  
Pinzas de disección, sin/con dientes  
Pinze per dissezione, chirurgiche/anatomiche



ADSON  
11170-12 12,0 cm, 4 3/4"  
11170-15 15,0 cm, 6"



ADSON  
11174-12 TC 12,0 cm, 4 3/4"  
11174-15 TC 15,0 cm, 6"



ADSON micro  
11176-12 12,0 cm, 4 3/4"  
11176-15 15,0 cm, 6"



ADSON-DE BAKEY atrauma  
11177-12  
12,0 cm, 4 3/4"



ADSON  
11178-12  
12,0 cm, 4 3/4"



ADSON  
11179-12  
12 cm, 4 3/4"

**HADEO**  
INSTRUMENTE GERMANY

Anatomische und chirurgische Pinzetten  
Dressing and Tissue Forceps  
Pinzas de disección, sin/con dientes  
Pinze per dissezione, chirurgiche/anatomiche



1x2

ADSON

11180-12 12,0 cm, 4 3/4"  
11180-15 15,0 cm, 6"



1x2

ADSON

11181-12 TC 12,0 cm, 4 3/4"  
11181-15 TC 15,0 cm, 6"



1x2

ADSON micro

11186-12 12,0 cm, 4 3/4"  
11186-15 15,0 cm, 6"



1x2

ADSON

11187-12  
12 cm, 4 3/4"



7x7

ADSON-BROWN

11188-12 12,0 cm, 4 3/4"  
11188-15 15,0 cm, 6"  
11189-12 TC 12,0 cm, 4 3/4"

**HADEO**  
INSTRUMENTE GERMANY

Anatomische und chirurgische Pinzetten  
Dressing and Tissue Forceps  
Pinzas de disección, sin/con dientes  
Pinze per dissezione, chirurgiche/anatomiche



9x9



1x2

**BROWN**

- 11189-15 15,0 cm, 6"
- 11189-20 20,0 cm, 8"
- 11189-25 25,0 cm, 10"

**WAUGH**

- 11187-18 18 cm, 7"
- 11187-20 20 cm, 8"
- 11187-25 25 cm, 10"
- 11187-30 30 cm, 11 3/4"



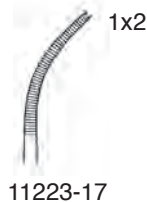
11220-17  
11224-17 TC



11221-17



11222-17  
11225-17 TC



11223-17

**CUSHING**  
17 cm, 6 3/4"

**CUSHING**  
17 cm, 6 3/4"

**HADEO**  
INSTRUMENTE GERMANY

Anatomische und chirurgische Pinzetten  
Dressing and Tissue Forceps  
Pinzas de disección, sin/con dientes  
Pinze per dissezione, chirurgiche/anatomiche



BROPHY  
11231-20  
20,0 cm, 8"



BROPHY  
11233-20  
20,0 cm, 8"



11234-20



11235-20



BROPHY  
20,0 cm, 8"



ADLERKREUTZ  
11236-15 15,0 cm, 6"  
11236-20 20,0 cm, 8"

**HADEO**  
INSTRUMENTE GERMANY

Anatomische und chirurgische Pinzetten  
Dressing and Tissue Forceps  
Pinzas de disección, sin/con dientes  
Pinze per dissezione, chirurgiche/anatomiche



DUEHRSEN  
11237-20  
20 cm, 8"



McINDOE  
11257-15  
15,0 cm, 6"



McINDOE  
11258-15 15,0 cm, 6"  
11259-15 TC 15,0 cm, 6"



Anatomische und chirurgische Pinzetten  
 Dressing and Tissue Forceps  
 Pinzas de disección, sin/con dientes  
 Pinze per dissezione, chirurgiche/anatomiche



SEMKEN  
 11260-12 12,5 cm, 5"  
 11260-15 15,5 cm, 6"  
 11261-15 TC 15,5 cm, 6"



SEMKEN 1x2  
 11270-12 12,5 cm, 5"  
 11270-15 15,5 cm, 6"  
 11271-15 TC 15,5 cm, 6"  
 11271-18 TC 18,0 cm, 7"



GILLIES 1x2  
 11272-15 15,5 cm, 6"  
 11273-15 TC 15,5 cm, 6"



15,5 cm, 6"



11274-06  
 0,6 mm



11274-08  
 0,8 mm



11274-10  
 1,0 mm



GERALD  
 11302-17 17,5 cm, 6.9"  
 11302-23 23,0 cm, 9"  
 11304-17 TC 17,0 cm, 6 3/4"



GERALD  
 11303-17  
 17,5 cm, 6.9"



**HADEO**  
INSTRUMENTE GERMANY

Anatomische und chirurgische Pinzetten  
Dressing and Tissue Forceps  
Pinzas de disección, sin/con dientes  
Pinze per dissezione, chirurgiche/anatomiche



GERALD  
11305-17  
17,5 cm, 6.9"



GERALD  
11310-17 17,5 cm, 6.9"  
11312-17 TC 17,5 cm, 6.9"



GERALD  
11311-17  
17,5 cm, 6.9"



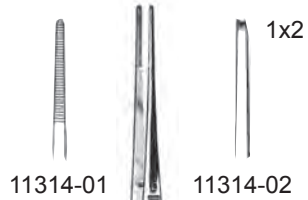
CUSHING-TAYLOR  
11312-18 TC 18,5 cm, 7 1/4"



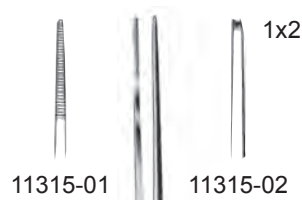
GERALD  
11313-17 17,5 cm, 6.9"

**HADEO**  
INSTRUMENTE GERMANY

Anatomische und chirurgische Pinzetten  
Dressing and Tissue Forceps  
Pinzas de disección, sin/con dientes  
Pinze per dissezione, chirurgiche/anatomiche



TAYLOR  
17 cm, 6 3/4"



TAYLOR  
17 cm, 6 3/4"



WANGENSTEEN  
11324-23 23 cm 9"



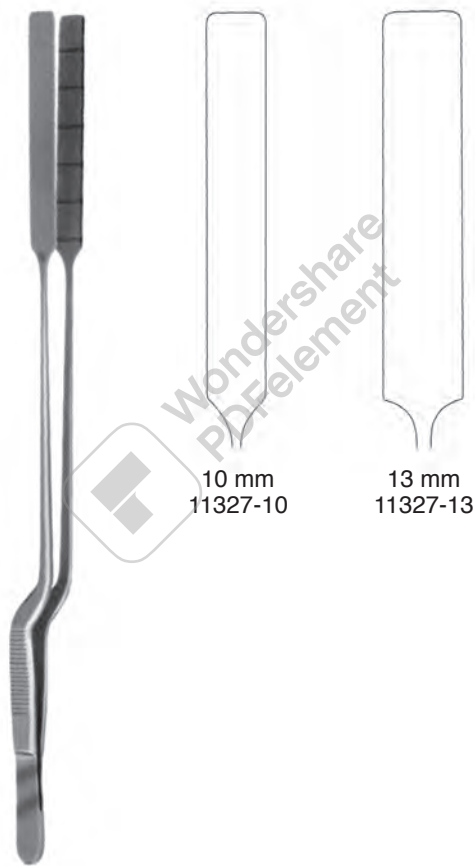
WANGENSTEEN  
11325-15 TC 15 cm, 6"  
11325-23 TC 23 cm, 9"  
11325-25 TC 25 cm, 10"



MAYO  
11326-23 23 cm, 9"

**HADEO**  
INSTRUMENTE GERMANY

Hirnspatelpinzette  
Brain Spatula Forceps  
Pinza-espátula cerebral  
Pinze a spatola cerebrale



SCOVILLE  
22 cm, 8 <sup>3</sup>/<sub>4</sub>"

**HADEO**  
INSTRUMENTE GERMANY

Uhrmacherpinzette  
Jeweler Type Forceps  
Pinzas de relojero  
Pinze da orologiaio

Fig. 1



11401-01  
12 cm, 4 3/4"

Fig. 3



11403-03  
12 cm, 4 3/4"

Fig. 3c



11403-04  
11 cm, 4 3/8"

Fig. 4



11404-04  
11 cm, 4 3/8"

Fig. 5



11405-05  
11 cm, 4 3/8"

Fig. 7



11407-07  
12 cm, 4 3/4"

**HADEO**  
INSTRUMENTE GERMANY

Gefäßdilatoren  
Vessel dilators  
Dilatadores vasculares  
Pinze dilatatori vascolari



0,2 mm

0,3 mm

0,2 mm

0,3 mm



11408-01  
11 cm, 4 3/8"

11408-02  
11 cm, 4 3/8"

11408-03  
13,5 cm, 5 1/4"

11408-04  
13,5 cm, 5 1/4"

Juwelierpinzette/Uhrmacherpinzette  
Jeweler's Forceps/Jeweler Type Forceps  
Pinzas para joyero/Pinzas de relojero  
Pinze per gioielliere/Pinze da orologiaio



11409-11



11410-11



11,5 cm, 4 1/2"



11 cm, 4 3/8"

0,3 mm  
45°

11411-11

**HADEO**  
INSTRUMENTE GERMANY

Mikro Knüpfpinzetten  
Micro Suture Tying Forceps  
Micro Pinzas para ligaduras  
Micro Pinze per legature



	0,3 mm	0,8 mm
12 cm, 4 3/4"	12102-12 12102-12D	
15 cm, 6"	12104-15 12104-15D	
18 cm, 7"		12108-18 12108-18D
21 cm, 8 1/4"		12102-21 12102-21D
23 cm, 9"		12102-23 12102-23D



	0,3 mm	0,8 mm
12 cm, 4 3/4"	12103-12 12103-12D	
15 cm, 6"	12103-15 12103-15D	
18 cm, 7"		12109-18 12109-18D
21 cm, 8 1/4"		12109-21 12109-21D
23 cm, 9"		12109-23 12109-23D



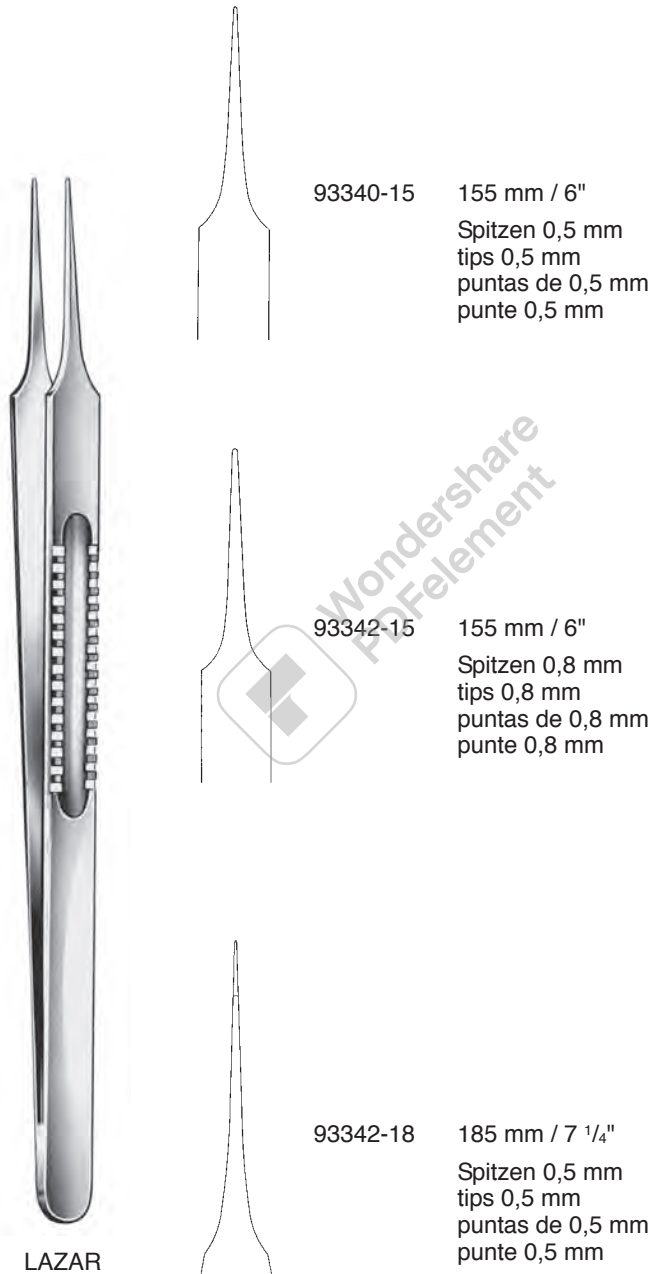
	0,3 mm	0,3 mm	0,4 mm	0,4 mm	0,8 mm	0,8 mm
15 cm, 6"	12090-15D	12091-15D				
18 cm, 7"	12090-18D	12091-18D				
21 cm, 8 1/4"	12090-21D	12091-21D				
23 cm, 9"	12090-23D	12091-23D				



D = mit diamantiertem Maul  
with diamond jaw  
con boca de diamante  
con morso diamantato

**HADEO**  
INSTRUMENTE GERMANY

Mikro Knüpfpinzetten  
Micro Suture Tying Forceps  
Micro Pinzas para ligaduras  
Micro Pinze per legature



**HADEO**  
INSTRUMENTE GERMANY

Mikro Knüpfpinzetten  
Micro Suture Tying Forceps  
Micro Pinzas para ligaduras  
Micro Pinze per legature



WISE

0,3 mm 93350-12  
120 mm / 4 3/4"

0,3 mm 93350-13  
135 mm / 5 1/4"

0,3 mm 93351-13  
135 mm / 5 1/4"

1x2



93360-09  
95 mm  
3 3/4"

0,2 mm 93360-09  
95 mm / 3 3/4"

0,8 mm 93370-14  
140 mm / 5 1/2"

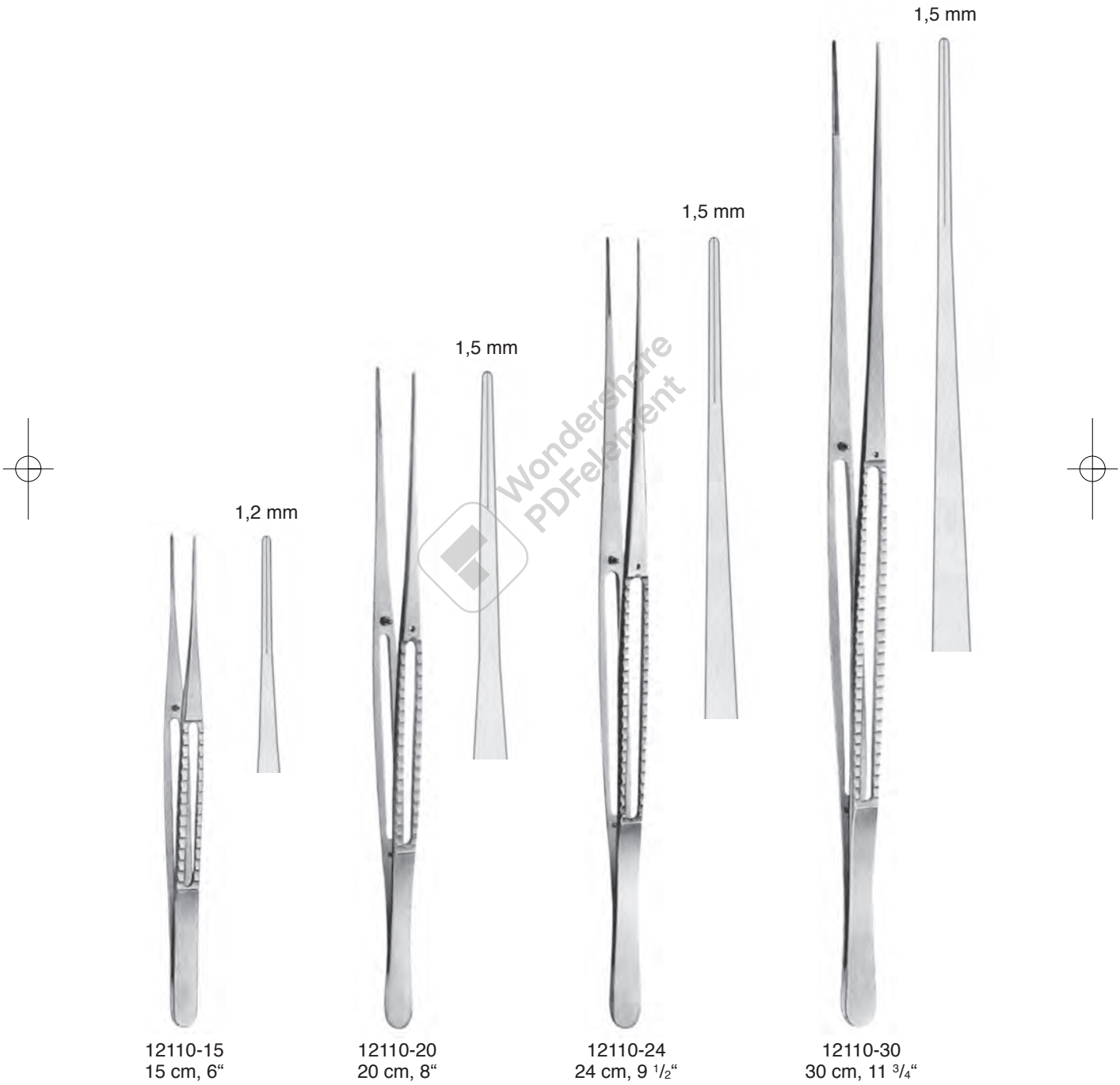
93370-18  
180 mm / 7" AUSTIN





**HADEO**  
INSTRUMENTE GERMANY

Ultra-Light-Pinzetten  
Ultra-Light-Forceps  
Pinzas-Ultra-Ligeras  
Pinza-Ultra-Leggera



# HADEO

INSTRUMENTE GERMANY

Mikro Ring Pinzetten  
Micro Ring Forceps  
Micro Pinzas  
Micro Pinza



15 cm, 6"

Ø  
1 mm x 0,5 mm

Ø  
2 mm x 1 mm

12112-15D  
12112-15T

12114-15D  
12114-15T

18 cm, 7"

12112-18D  
12112-18T

12114-18D  
12114-18T

21 cm, 8 1/4"

12112-21D  
12112-21T

12114-21D  
12114-21T

23 cm, 9"

12112-23D  
12112-23T

12114-23D  
12114-23T

D = mit diamantiertem Maul  
with diamond jaw  
con boca de diamante  
con morso diamantato

T = Titan, titanium, titanio, titanio

**HADEO**  
INSTRUMENTE GERMANYAtrauma Mikro Pinzetten  
Atrauma Micro Forceps  
Micro Pinzas Atraumáticas  
Micro Pinza AtraumaticaWondershare  
PDFelement

	1,2 mm	2,0 mm
15 cm, 6"	12115-15 <b>12115-15T</b>	12116-15
18 cm, 7"	12115-18 <b>12115-18T</b>	12116-18
21 cm, 8 1/4"	12115-21 <b>12115-21T</b>	12116-21
23 cm, 9"	12115-23 <b>12115-23T</b>	12116-23

T = Titan, titanium, titanio, titanio

DE BAKEY

**HADEO**  
INSTRUMENTE GERMANY

TC Atrauma Pinzetten  
TC Atrauma Forceps  
Pinzas Atraumáticas con TC  
Pinza Atraumatica TC

Wondershare  
PDFelement

	1,2 mm	2,0 mm
18 cm, 7"	12117-18 TC	12118-18 TC
21 cm, 8 1/4"	12117-21 TC	12118-21 TC
23 cm, 9"	12117-23 TC	12118-23 TC

DE BAKEY TC

**HADEO**  
INSTRUMENTE GERMANY

Atraumatische Pinzetten  
Atraumatic Tissue Forceps  
Pinzas Atraumáticas  
Pinze Atraumatiche



DE BAKEY  
12302-16 16 cm, 6 1/4"  
12302-20 20 cm, 8"  
12302-24 24 cm, 9 1/2"



DE BAKEY  
12306-16 16 cm, 6 1/4"  
12306-20 20 cm, 8"  
12306-24 24 cm, 9 1/2"  
12306-30 30 cm, 11 3/4"



DE BAKEY  
12308-16 16 cm, 6 1/4"  
12308-20 20 cm, 8"  
12308-24 24 cm, 9 1/2"  
12308-30 30 cm, 11 3/4"



DE BAKEY  
12309-16 16 cm, 6 1/4"  
12309-20 20 cm, 8"  
12309-24 24 cm, 9 1/2"  
12309-30 30 cm, 11 3/4"



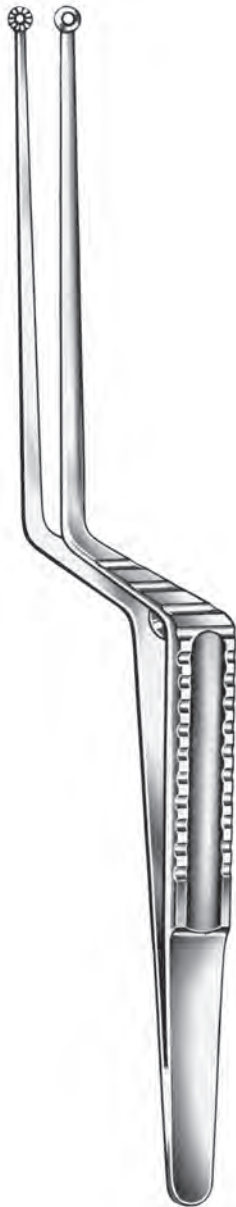
DE BAKEY  
12304-16 16 cm, 6 1/4"  
12304-20 20 cm, 8"  
12304-24 24 cm, 9 1/2"  
12304-30 30 cm, 11 3/4"



DE BAKEY  
12310-16 16 cm, 6 1/4"  
12310-20 20 cm, 8"  
12310-24 24 cm, 9 1/2"  
12310-30 30 cm, 11 3/4"

**HADEO**  
INSTRUMENTE GERMANY

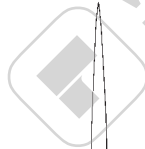
Pinzetten zum Fassen von Gewebe, Tumoren  
Forceps for grasping tissue, tumors  
Pinzas para coger tejidos y tumores  
Pinze per afferrare tessuti e tumori



12295-22 200 mm / 8" YASARGIL  
Maul flach, gezahnt  
flat jaw, serrated  
boca plana, dentada  
morso piatto, striato



12297-22 200 mm / 8" HUNT  
Maul flach, gezahnt  
flat jaw, serrated  
boca plana, dentada  
morso piatto, striato



12300-18 185 mm / 7 1/4"  
feine Spitzen  
fine tips  
puntas finas  
punte acute



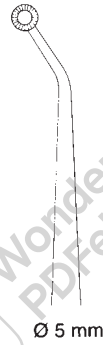
12302-18 185 mm / 7 1/4"  
breite Spitzen  
broad tips  
puntas anchas  
punte smusse



12303-18 185 mm / 7 1/4"  
breite Spitzen  
broad tips  
puntas anchas  
punte smusse

**HADEO**  
INSTRUMENTE GERMANY

Pinzetten zum Fassen von Gewebe, Tumoren  
Forceps for grasping tissue, tumors  
Pinzas para coger tejidos y tumores  
Pinze per afferrare tessuti e tumori



Maul flach, gezahnt  
flat jaw, serrated  
boca plana, dentada  
morso piatto, striato

Ø 5 mm

HUNT  
12305-20  
200 mm  
8"

**HADEO**  
 INSTRUMENTE GERMANY

Pinzetten zum Fassen von Gewebe, Tumoren  
 Forceps for grasping tissue, tumors  
 Pinzas para coger tejidos y tumores  
 Pinze per afferrare tessuti e tumori

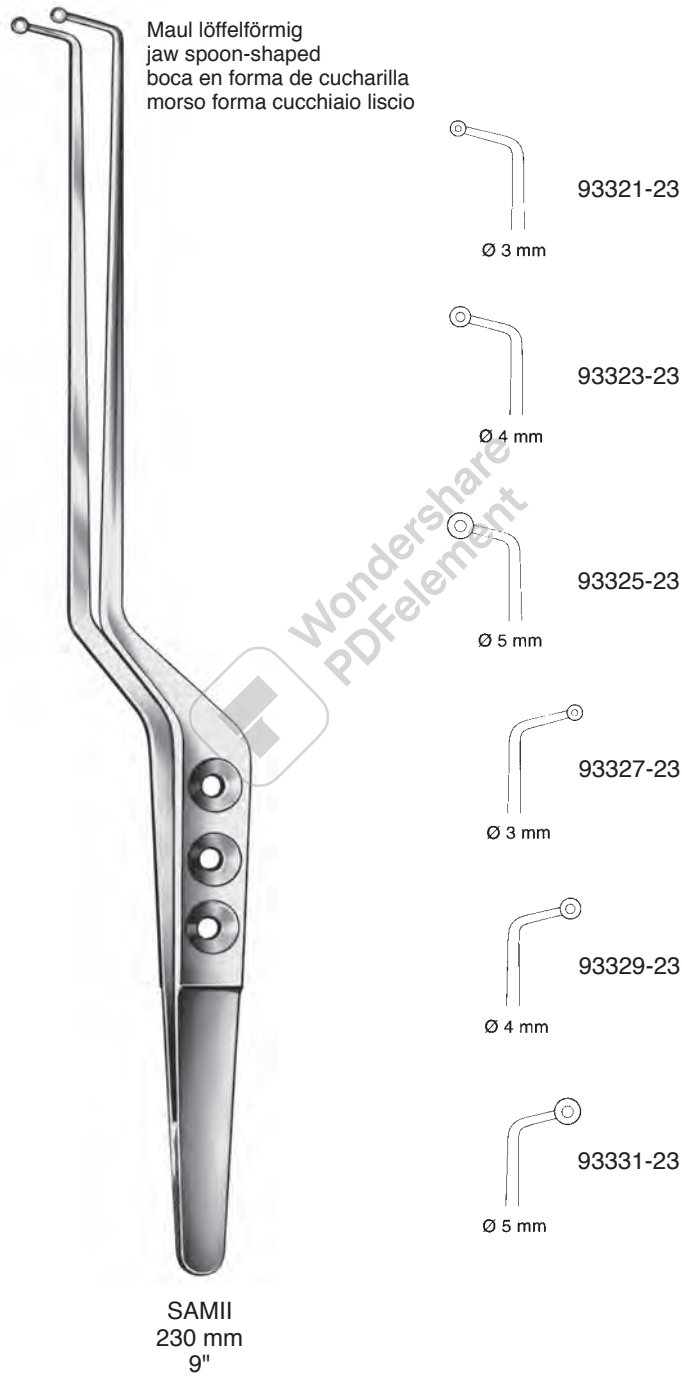


⊙	93300-22	220 mm / 8 3/4"	YASARGIL
∅ 3 mm	93300-24	240 mm / 9 1/2"	YASARGIL-SAMII
		Maul löffelförmig	jaw spoon-shaped
		boca en forma de cucharilla	morso forma cucchiaio liscio
⊙	93302-22	220 mm / 8 3/4"	YASARGIL
∅ 5 mm	93302-24	240 mm / 9 1/2"	YASARGIL-SAMII
		Maul löffelförmig	jaw spoon-shaped
		boca en forma de cucharilla	morso forma cucchiaio liscio
⊙	93304-24	240 mm / 9 1/2"	YASARGIL-SAMII
∅ 7 mm		Maul löffelförmig	jaw spoon-shaped
		boca en forma de cucharilla	morso forma cucchiaio liscio
⊙	93306-22	220 mm / 8 3/4"	YASARGIL
∅ 3 mm		Maul flach, gezahnt	flat jaw, serrated
		boca plana, dentada	morso piatto, striato
⊙	93308-22	220 mm / 8 3/4"	YASARGIL
∅ 5 mm		Maul flach, gezahnt	flat jaw, serrated
		boca plana, dentada	morso piatto, striato
⊙	93310-22	220 mm / 8 3/4"	HEIFETZ
∅ 3 mm		Maul kürettenförmig	curette jaw, toothed
		boca en forma de cureta, estriada	morso forma curetta, striato
⊙	93312-22	220 mm / 8 3/4"	HEIFETZ
∅ 5 mm		Maul kürettenförmig	curette jaw, toothed
		boca en forma de cureta, estriada	morso forma curetta, striato



**HADEO**  
INSTRUMENTE GERMANY

Pinzetten zum Fassen von Gewebe, Tumoren  
Forceps for grasping tissue, tumors  
Pinzas para coger tejidos y tumores  
Pinze per afferrare tessuti e tumori



**HADEO**  
INSTRUMENTE GERMANY

Pinzetten, bajonettförmig  
Forceps, bayonet-shaped  
Pinzas, forma bayoneta  
Pinze, forma di baionetta



LUCAE  
45206-14 14 cm, 5 1/2"



LUCAE  
45206-16 16 cm, 6 1/4"



COTTLE  
45208-14 14 cm, 5 1/2"



JANSEN-GRUENWALD  
47154-20 20 cm, 8"



JANSEN  
47155-20 20 cm, 8"

**HADEO**  
 INSTRUMENTE GERMANY

Mikro Pinzetten, bajonettförmig  
 Micro Forceps, bayonet-shaped  
 Micro Pinzas, forma bayoneta  
 Micro Pinze, forma di baionetta



YASARGIL

93290-16	160 mm / 6 <sup>1</sup> / <sub>4</sub> "
93290-18	180 mm / 7"
93290-20	200 mm / 8"
93290-22	220 mm / 8 <sup>3</sup> / <sub>4</sub> "
93290-24	240 mm / 9 <sup>1</sup> / <sub>2</sub> "

Spitzen 0,6 mm  
 tips 0,6 mm  
 puntas de 0,6 mm  
 punte 0,6 mm

93292-16	160 mm / 6 <sup>1</sup> / <sub>4</sub> "
93292-18	180 mm / 7"
93292-20	200 mm / 8"
93292-22	220 mm / 8 <sup>3</sup> / <sub>4</sub> "
93292-24	240 mm / 9 <sup>1</sup> / <sub>2</sub> "

Spitzen 0,9 mm  
 tips 0,9 mm  
 puntas de 0,9 mm  
 punte 0,9 mm

93294-18	180 mm / 7"
----------	-------------

1 x 2 Zähne  
 1 x 2 teeth  
 1 x 2 dientes  
 1 x 2 denti



Wondershare PDFelement

KLEMMEN

CLAMPS

PINZAS

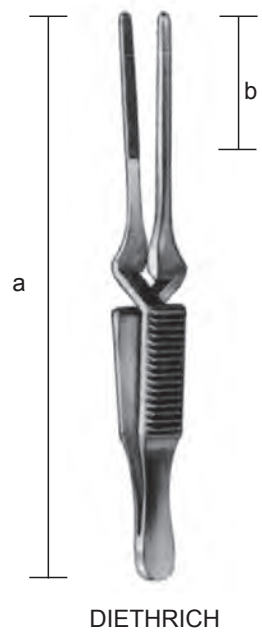
PINZE



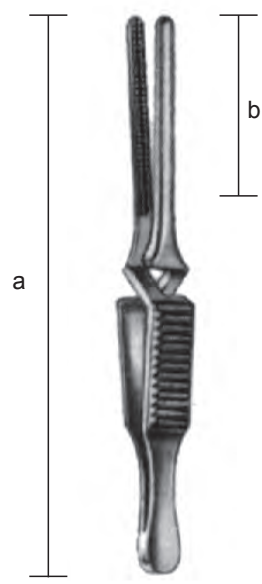
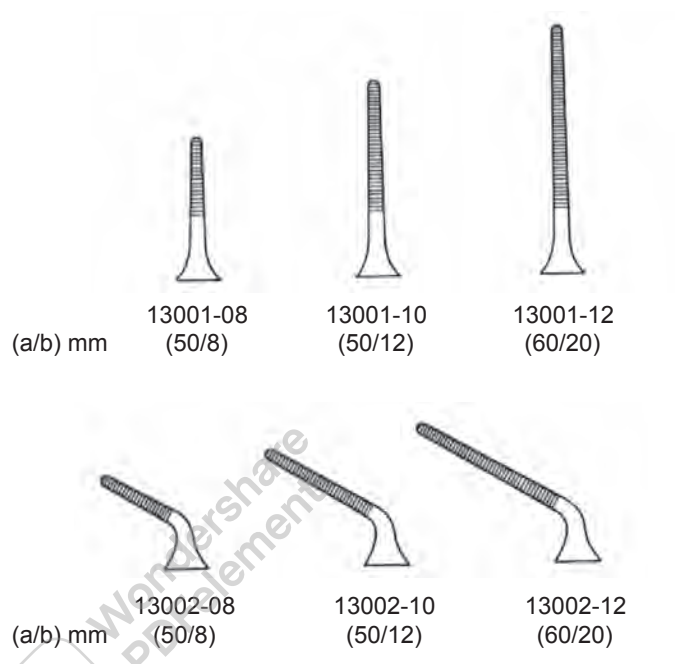
[www.hadeo.co](http://www.hadeo.co)



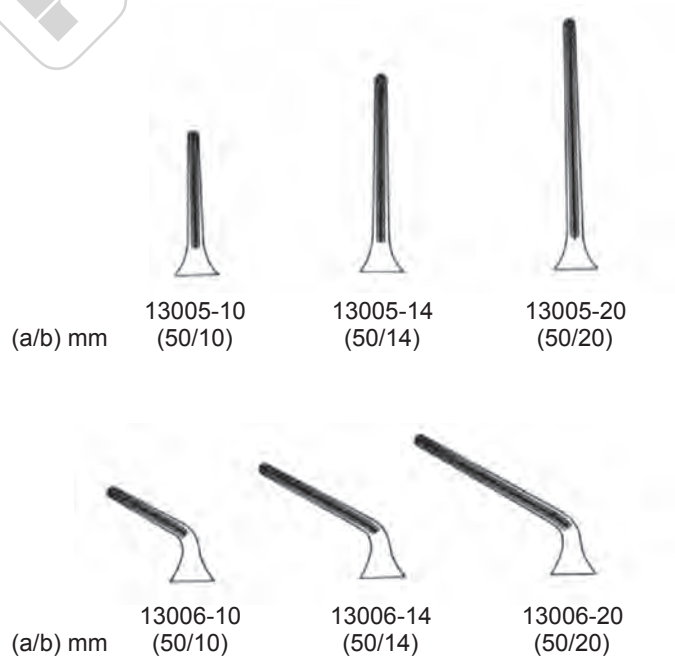
Mini-Bulldogklemmen  
Mini Bulldog Clamps  
Clamps Bulldog Mini  
Pinze Bulldog Mini



DIETHRICH



DE BAKEY-DIETHRICH





Titan-Atrauma-Bulldogklemmen  
 Titanium Atrauma Bulldog Clamps  
 Titan Clamp Bulldog  
 Titan Pinze Bulldog

	3 cm, 1.2"	3,5 cm, 1.4"	4 cm, 1 1/2"	5 cm, 2"
Vene	13010-30	13010-35	13010-40	13010-50
Arterie	13011-30	13011-35	13011-40	13011-50
	3 cm, 1.2"	3,5 cm, 1.4"	4 cm, 1 1/2"	5 cm, 2"
Vena	13012-30	13012-35	13012-40	13012-50
Arteria	13013-30	13013-35	13013-40	13013-50
	3 cm, 1.2"	3,5 cm, 1.4"	4 cm, 1 1/2"	5 cm, 2"
Vene	13014-30	13014-35	13014-40	13014-50
Arterie	13015-30	13015-35	13015-40	13015-50

**HADEO**  
INSTRUMENTE GERMANY

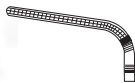
Atrauma-Bulldogklemmen  
Atrauma-Bulldog Clamps  
Clamps Atrauma Bulldog  
Pinze Atrauma Bulldog



13090-40  
40 mm / 1 1/2"  
  
13090-45  
45 mm / 1 3/4"  
  
13090-50  
50 mm / 2"



13091-40  
40 mm / 1 1/2"  
  
13091-45  
45 mm / 1 3/4"  
  
13091-50  
50 mm / 2"



GLOVER  
13098-06  
57 mm  
2 3/8"



DE BAKEY  
13099-07  
73 mm  
2 3/4"



**HADEO**  
INSTRUMENTE GERMANY

Atrauma-Bulldogklemmen  
Atrauma Bulldog Clamps  
Clamps Atrauma Bulldog  
Pinze Atrauma Bulldog



DE BAKEY



13092-07	13092-08	13092-10	13092-12	13093-07	13093-08	13093-10	13093-12
7,5 cm	8,5 cm	10,5 cm	12 cm	7 cm	8 cm	10 cm	11,5 cm
3"	3.4"	4"	4 3/4"	2 3/4"	8 1/8"	4"	4 1/2"



GLOVER



13096-06	13096-07	13096-09	13096-11	13097-06	13097-07	13097-09	13097-11
6 cm	7 cm	9 cm	11 cm	5,5 cm	6,5 cm	8,5 cm	10,5 cm
2 1/4"	2 3/4"	3 1/2"	4 3/8"	2"	2 1/2"	3 1/4"	4"

**HADEO**  
INSTRUMENTE GERMANY

Atrauma-Bulldogklemmen  
Atrauma-Bulldog Clamps  
Clamps Atrauma Bulldog  
Pinze Atrauma Bulldog



DE BAKEY  
13094-09  
9 cm, 3 1/2"

DE BAKEY  
13095-10  
10 cm, 4"



3 cm, 1.2"

Maullänge  
Jaw length  
Largo de la boca  
Lunghezza del morso

DE BAKEY-HESS  
13113-03



Gefäßklemmen, Bulldogklemmen, Arterienklemmen  
 Bulldog Clamps, Hemostatic Forceps  
 Pinzas serra-finas, Pinzas hemostáticas  
 Pinze serrafina, Pinze emostatiche



**DIEFFENBACH**  
 13102-04 3,5 cm, 1.4"  
 13102-05 5,5 cm, 2.2"



**DIEFFENBACH**  
 13103-04 3,5 cm, 1.4"  
 13103-05 5,5 cm, 2.2"

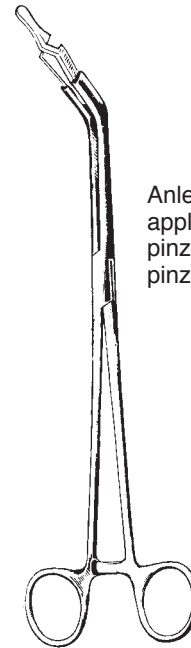
gerade  
 straight  
 recta  
 rette



gebogen  
 curved  
 curva  
 curve

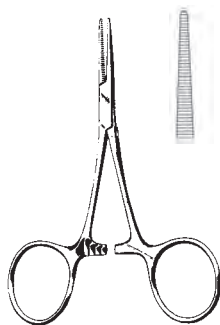
**JOHNS-HOPKINS**

13110-50	5,0 cm, 2"	13111-50
13110-55	5,5 cm, 2.2"	13111-55
13110-65	6,5 cm, 2.6"	13111-65
13110-70	7,0 cm, 2 3/4"	13111-70
13110-75	7,5 cm, 3"	13111-75
13110-90	9,0 cm, 3 1/2"	13111-90



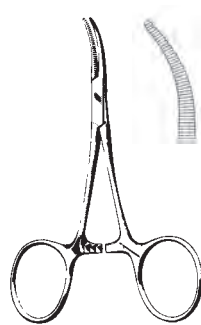
Anlegezange  
 applying Forceps  
 pinza aplicadora  
 pinza applicatrice

13115-00  
 23 cm, 9"



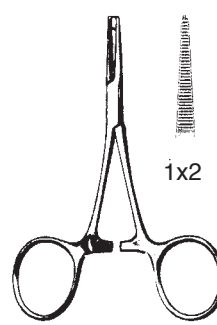
**HARTMANN**  
 13210-10  
 10 cm, 4"

**Micro-HARTMANN**  
 13214-10  
 10 cm, 4"

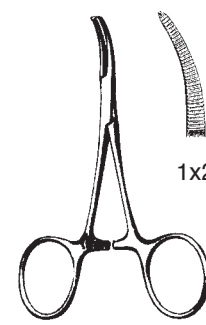


**HARTMANN**  
 13211-10  
 10 cm, 4"

**Micro-HARTMANN**  
 13215-10  
 10 cm, 4"



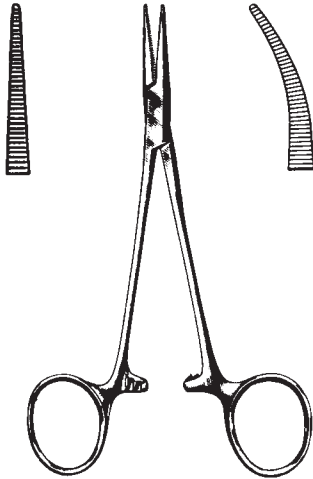
**HARTMANN**  
 13212-10  
 10 cm, 4"



**HARTMANN**  
 13213-10  
 10 cm, 4"

**HADEO**  
INSTRUMENTE GERMANY

Arterienklemmen  
Hemostatic Forceps  
Pinzas hemostáticas  
Pinze emostatiche



HALSTED-MOSQUITO

TITAN

**13224-12**

13220-12 12,5 cm, 5"

13220-14 14,0 cm, 5 1/2"

13220-18 18,0 cm, 7"

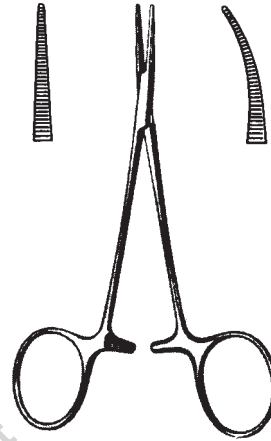
TITAN

**13225-12**

13221-12

13221-14

13221-18

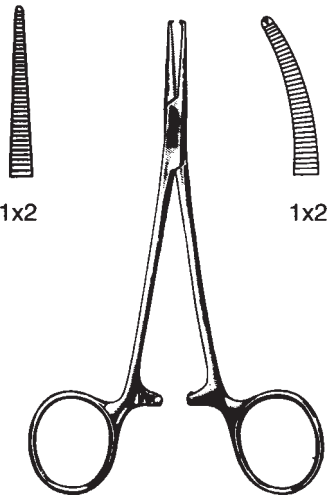


HALSTED-MOSQUITO micro

13222-12 12,5 cm, 5" 13223-12

JACOBSON micro

13226-12 12,0 cm, 4 3/4" 13227-12



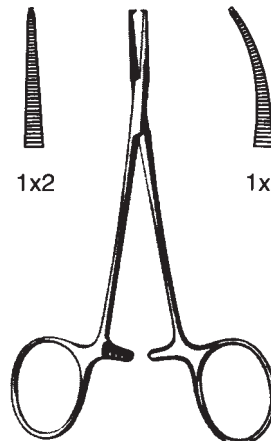
1x2

1x2

HALSTED-MOSQUITO

13230-12 12,5 cm, 5" 13231-12

13230-14 14,0 cm, 5 1/2" 13231-14



1x2

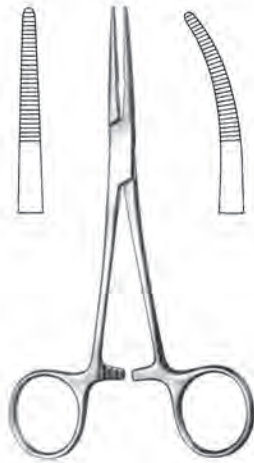
1x2

HALSTED-MOSQUITO micro

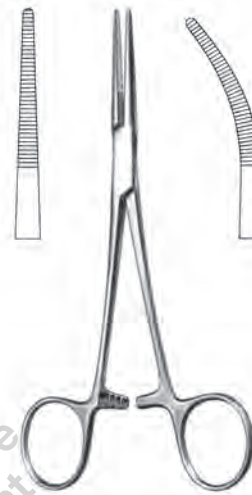
13232-12 12,5 cm, 5" 13233-12

**HADEO**  
INSTRUMENTE GERMANY

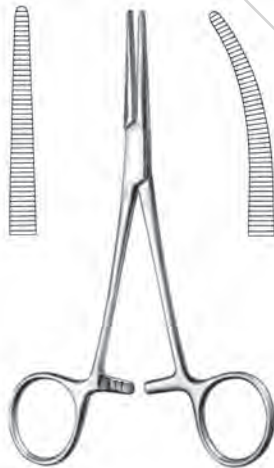
Arterienklemmen  
Hemostatic Forceps  
Pinzas hemostáticas  
Pinze emostatiche



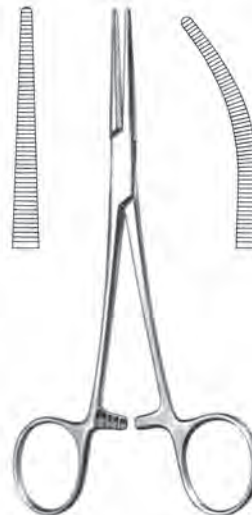
**KELLY**  
13240-14 14 cm, 5 1/2" 13241-14  
13240-18 18 cm, 7" 13241-18  
**13244-14** 14 cm, 5 1/2" **13245-14**  
TITAN TITAN



**KELLY-RANKIN**  
13242-16 16 cm, 6 1/4" 13243-16



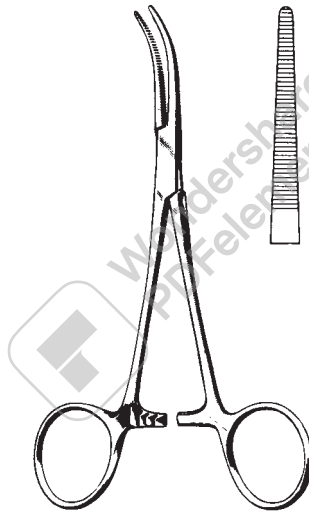
**CRILE**  
13250-14 14 cm, 5 1/2" 13251-14  
13250-18 18 cm, 7" 13251-18  
**13254-14** 14 cm, 5 1/2" **13255-14**  
TITAN TITAN



**CRILE-RANKIN**  
13262-16 16 cm, 6 1/4" 13263-16

**HADEO**  
INSTRUMENTE GERMANY

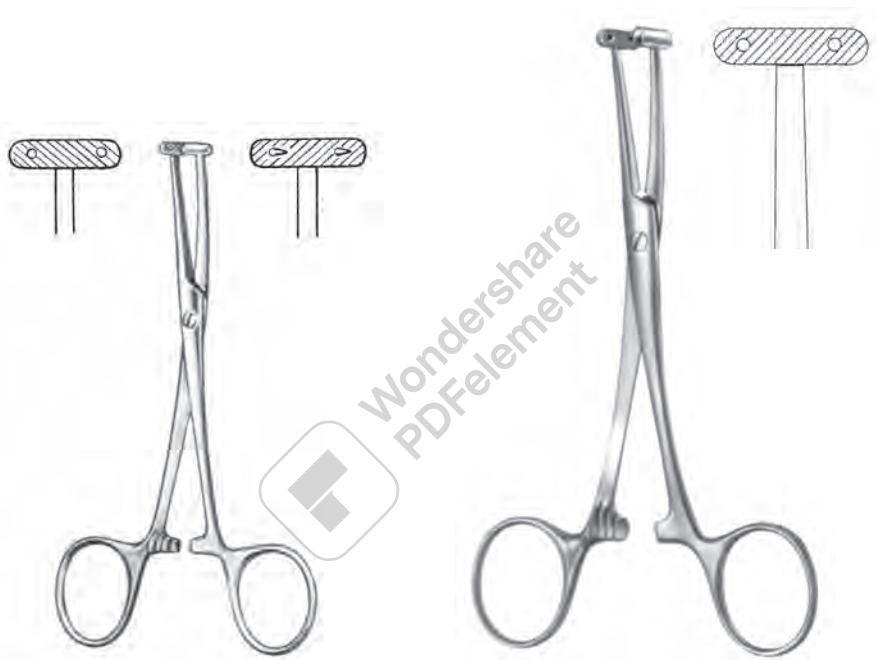
Arterienklemmen  
Hemostatic Forceps  
Pinzas hemostáticas  
Pinze emostatiche



DANDY  
13345-12 12 cm, 4  $\frac{3}{4}$ "  
13345-14 14 cm, 5  $\frac{1}{2}$ "

**HADEO**  
INSTRUMENTE GERMANY

Kopfschwartzangen  
Scalp Flap Forceps  
Pinzas para el cuero cabelludo  
Pinze per cuoio capelluto



**MARTEL**  
13364-14 14 cm, 5 1/2"

**WILLET MARTEL**  
13366-19 19 cm, 7 1/2"

**HADEO**  
INSTRUMENTE GERMANY

Präparier- und Ligaturklemmen  
Dissecting and Ligature Forceps  
Pinzas para preparaciones y para ligaduras  
Pinze per preparazione e per legatura



**FUCHSIG**  
13414-20 19 cm, 7 1/2"



**ADSON BABY**  
13415-14 14,0 cm, 5 1/2"  
13415-18 18,5 cm, 7 1/4"

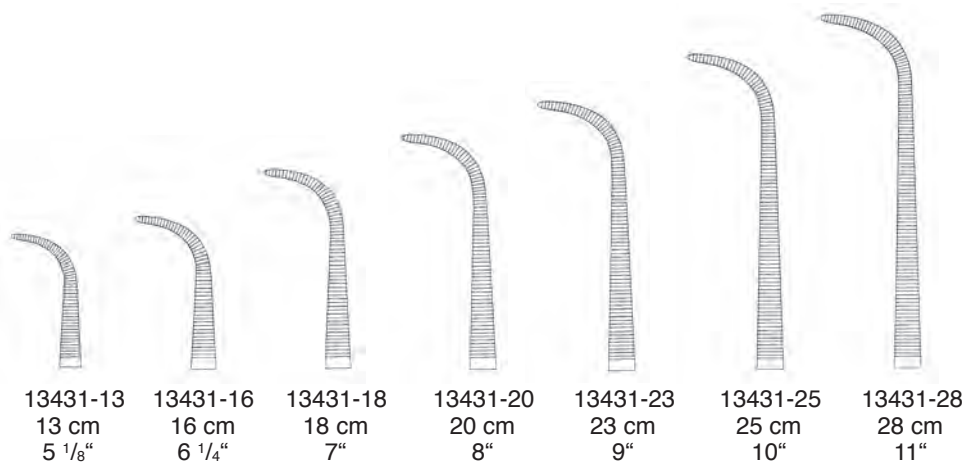


**HADEO**  
INSTRUMENTE GERMANY

Präparier- und Ligaturklemmen  
Dissecting and Ligature Forceps  
Pinzas para preparaciones y para ligaduras  
Pinze per preparazione e per legatura



GEMINI



**HADEO**  
INSTRUMENTE GERMANY

Präparier- und Ligaturklemmen  
Dissecting and Ligature Forceps  
Pinzas para preparaciones y para ligaduras  
Pinze per preparazione e per legatura



MIXTER BABY  
13475-14  
14 cm, 5 1/2"



MIXTER BABY  
13475-18  
18 cm, 7"

**HADEO**  
INSTRUMENTE GERMANY

Tumorfäßzange  
Tumor Grasping Forcep  
Pinza para agarrar tumores  
Pinze per afferrare tumori



TOENNIS  
20 cm, 8"



13610-01



13610-02



13610-03

**HADEO**  
INSTRUMENTE GERMANY

Sehnenfaßzange  
Tendon grasping Forceps  
Pinza para agarrar tendones  
Pinze da presa per tendini



CAROLL  
33966-11  
11 cm, 4 <sup>3</sup>/<sub>8</sub>"

Wondershare PDFelement

NADELHALTER

NEEDLE HOLDERS

PORTA-AGUJAS

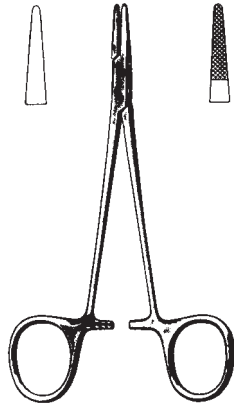
PORT'AGHI



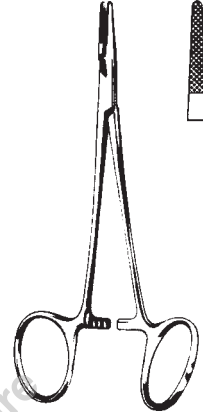
[www.hadeo.co](http://www.hadeo.co)

**HADEO**  
INSTRUMENTE GERMANY

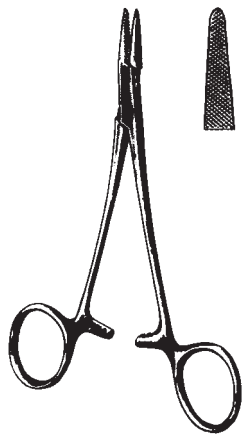
Nadelhalter  
Needle Holders  
Porta-agujas  
Port'aghi



**HALSEY**  
25130-13 25140-13  
25134-13 TC 25144-13 TC  
13 cm, 5 1/8"



**NEIVERT**  
25148-13 TC  
13 cm, 5 1/8"



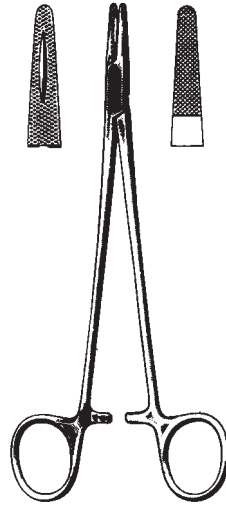
**BAUMGARTNER**  
25150-14 25154-14 TC  
14,0 cm, 5 1/2"



**CRILE-WOOD**  
25160-15 15 cm, 6" 25164-15 TC  
25160-18 18 cm, 7" 25164-18 TC  
25160-20 20 cm, 8" 25164-20 TC  
25160-23 23 cm, 9" 25164-23 TC

**HADEO**  
INSTRUMENTE GERMANY

Nadelhalter  
Needle Holders  
Porta-agujas  
Port'aghi



MAYO-HEGAR

25180-14	14 cm, 5 1/2"	25184-14 TC
25180-16	16 cm, 6 1/4"	25184-16 TC
25180-18	18 cm, 7"	25184-18 TC
25180-20	20 cm, 8"	25184-20 TC
25180-24	24 cm, 9 1/2"	25184-24 TC
25180-26	26 cm, 10 1/4"	25184-26 TC



DE BAKEY

25214-16 TC	16 cm, 6 1/4"
25214-18 TC	18 cm, 7"
25214-20 TC	20 cm, 8"
25214-23 TC	23 cm, 9"
25214-26 TC	26 cm, 10 1/4"



RYDER 1 mm

25224-13 TC	13 cm, 5 1/8"
25224-15 TC	15 cm, 6"
25224-18 TC	18 cm, 7"
25224-20 TC	20 cm, 8"
25224-23 TC	23 cm, 9"
25224-26 TC	26 cm, 10 1/4"

RYDER 2 mm

25225-13 TC
25225-15 TC
25225-18 TC
25225-20 TC
25225-23 TC
25225-26 TC

**HADEO**  
INSTRUMENTE GERMANY

Mikro-Nadelhalter  
Micro Needle Holders  
Micro-porta-agujas  
Micro portaghi

ohne Sperre  
without lock  
sin cremallera  
senza cremagliera

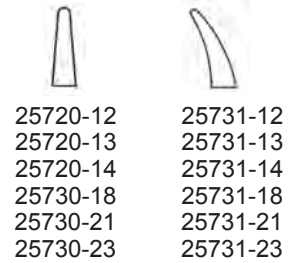
mit Sperre  
with lock  
con cremallera  
con cremagliera



11,5 cm, 4 1/2"  
13,0 cm, 5 1/8"  
14,0 cm, 5 1/2"  
18,0 cm, 7"  
21,0 cm, 8 1/4"  
23,0 cm, 9"



25660-12	25661-12
25660-13	25661-13
25660-14	25661-14
25700-18	25701-18



25720-12	25731-12
25720-13	25731-13
25720-14	25731-14
25730-18	25731-18
25730-21	25731-21
25730-23	25731-23

mit diamantiertem Maul  
with diamond jaw  
con boca de diamante  
con morso diamantato

11,5 cm, 4 1/2"  
13,0 cm, 5 1/8"  
14,0 cm, 5 1/2"  
18,0 cm, 7"  
21,0 cm, 8 1/4"  
23,0 cm, 9"

25720-12D	25671-12D
25720-13D	25671-13D
25720-14D	25671-14D
25730-18D	25731-18D
25730-21D	25731-21D
25730-23D	25731-23D

T = Titan, titanium, titanio, titanio



15,0 cm, 6"  
18,0 cm, 7"  
21,0 cm, 8 1/4"

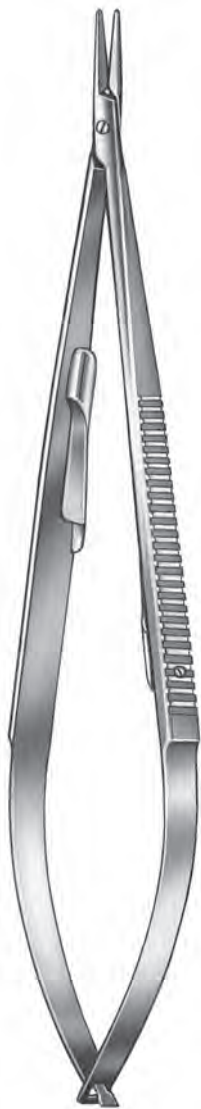
93250-15T	93251-15T	93260-15T	93261-15T
93250-18T	93251-18T	93260-18T	93261-18T
93250-21T	93251-21T	93260-21T	93261-21T

BARRAQUER





Mikro-Nadelhalter mit Sperre  
 Micro Needle Holders, with lock  
 Micro-porta-agujas con cremallera  
 Micro portaghi, con cremagliera



CASTROVIEJO



14,0 cm, 5 1/2"  
 18,0 cm, 7"  
 21,5 cm, 8 1/2"  
 23,0 cm, 9"

25670-14  
 25670-18  
 25670-21

25671-14  
 25671-18

25672-14  
 25672-18  
 25672-21  
 25672-23

25673-14  
 25673-18

mit TC 1,4 mm  
 with TC jaw 1,4 mm  
 con TC 1,4 mm  
 con morso in TC 1,4 mm

14,0 cm, 5 1/2"  
 18,0 cm, 7"  
 21,5 cm, 8 1/2"  
 23,0 cm, 9"

25674-14  
 25674-18  
 25674-21

25675-14  
 25675-18

25676-14  
 25668-18  
 25668-21  
 25668-23

25677-14  
 25691-18

mit diamantiertem Maul 0,8 mm  
 with diamond jaw 0,8 mm  
 con boca de diamante 0,8 mm  
 con morso diamantato 0,8 mm

14,0 cm, 5 1/2"  
 18,0 cm, 7"  
 21,5 cm, 8 1/2"  
 23,0 cm, 9"

25672-14D  
 25672-18D  
 25672-21D  
 25672-23D

25673-14D  
 25673-18D

T = Titan, titanium, titanio, titanio  
 Maul/jaw/boca/morso 0,4mm

14,0 cm, 5 1/2"  
 18,0 cm, 7"  
 21,5 cm, 8 1/2"

25672-14T  
 25672-18T  
 25672-21T

25673-14T  
 25673-18T  
 25673-21T

**HADEO**  
INSTRUMENTE GERMANY

Mikro-Nadelhalter, bajonettförmig  
Micro Needle Holders, bayonet-shaped  
Micro-porta-agujas, forma bayoneta  
Micro port'aghi, forma baionetta



93092-20	200 mm / 8"
93092-22	225 mm / 9"



93093-16	165 mm / 6 1/2"
93093-20	200 mm / 8"
93093-22	225 mm / 9"
93093-24	245 mm / 9 3/4"

YASARGIL

**HADEO**  
INSTRUMENTE GERMANY

Mikro-Nadelhalter  
Micro Needle Holders  
Micro-porta-agujas  
Micro port'aghi



93170-16 160 mm / 6 1/4"  
93170-18 185 mm / 7 1/4"

ohne Sperre  
without catch  
sin cremallera  
senza cremagliera



93171-16 160 mm / 6 1/4"  
93171-18 185 mm / 7 1/4"

ohne Sperre  
without catch  
sin cremallera  
senza cremagliera



**HADEO**  
INSTRUMENTE GERMANY

Mikro-Nadelhalter  
Micro Needle Holders  
Micro-porta-agujas  
Micro port'aghi



93200-16  
93200-18

160 mm / 6 1/4"  
185 mm / 7 1/4"

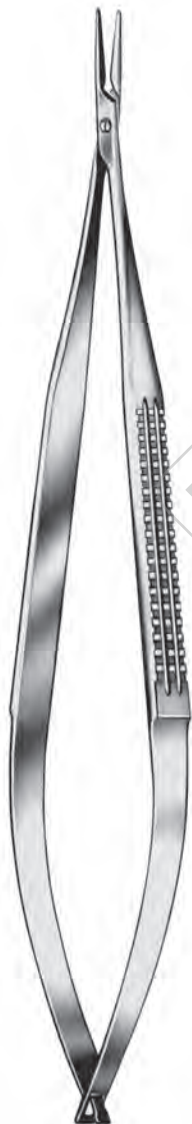
ohne Sperre  
without catch  
sin cremallera  
senza cremagliera



93201-16  
93201-18

160 mm / 6 1/4"  
185 mm / 7 1/4"

ohne Sperre  
without catch  
sin cremallera  
senza cremagliera





HAKEN

HOOKS

GANCHOS

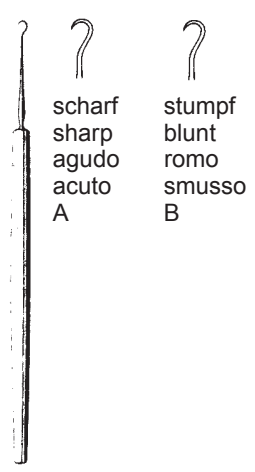
UNCINI



[www.hadeo.co](http://www.hadeo.co)



Hauthäkchen  
 Skin Hooks  
 Ganchos para la piel  
 Uncini per pelle



scharf  
 sharp  
 agudo  
 acuto  
 A

stumpf  
 blunt  
 romo  
 smusso  
 B

FRAZIER

- A 19214-13 13 cm, 5"
- A 19214-18 18 cm, 7"
- B 19215-13 13 cm, 5"
- B 19215-18 18 cm, 7"



JOSEPH  
 16 cm, 6 1/4"



19216-01



19216-02  
 2 mm



19216-05  
 5 mm



19216-07  
 7 mm



19216-10  
 10 mm



FREER  
 47558-15  
 15 cm, 6"



GILLIES  
 18 cm, 7"



Fig. 1  
 47560-18



Fig. 2  
 47562-18

**HADEO**  
INSTRUMENTE GERMANY

Wundhaken  
Retractors  
Separadores  
Divaricatori



Blattretractor  
blade retractor  
separador de hoja  
lama divaricatore

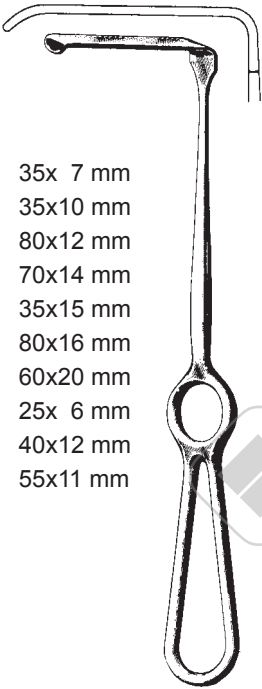
CLOWARD  
19128-18 18 mm  
19128-20 20 mm  
19128-23 23 mm



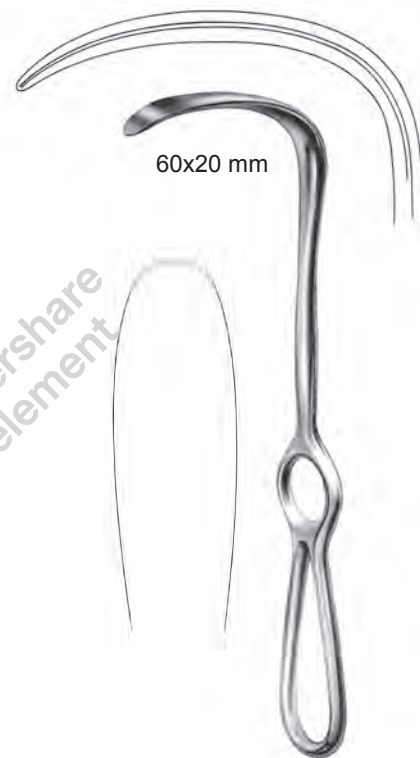
CUSHING  
19234-20  
20 cm, 8"



CUSHING  
19235-21  
21,5 cm, 8 1/2"

**HADEO**  
INSTRUMENTE GERMANYWundhaken  
Retractors  
Separadores  
Divaricatori

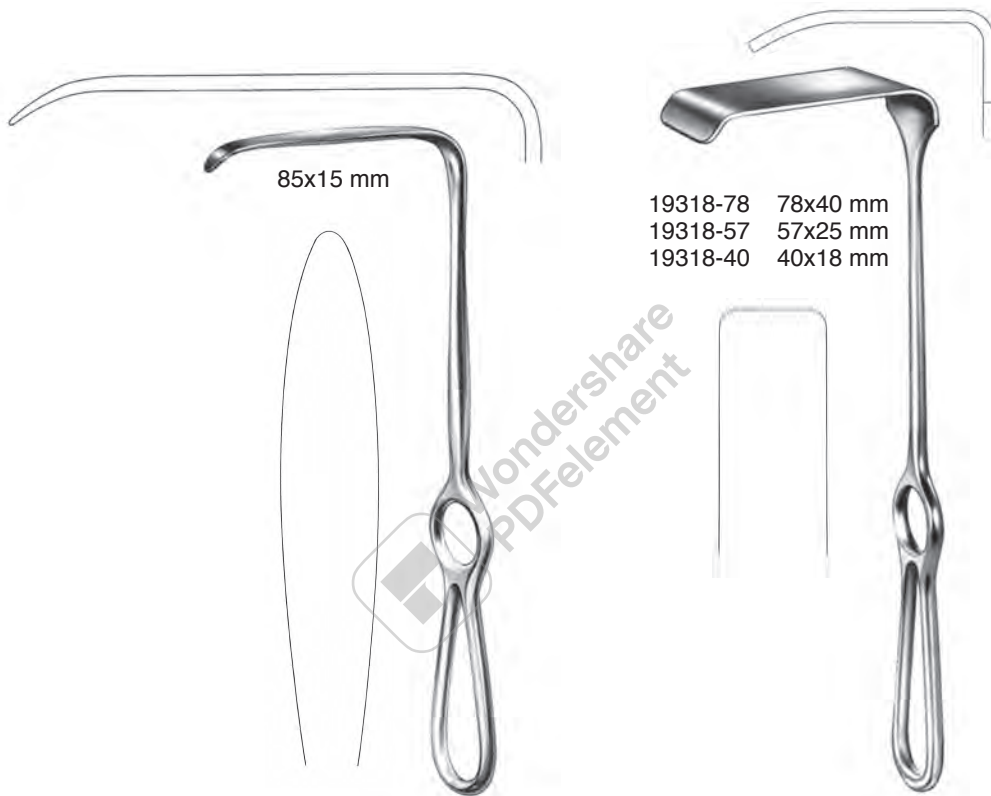
19314-07	35x 7 mm
19314-10	35x10 mm
19314-12	80x12 mm
19314-14	70x14 mm
19314-15	35x15 mm
19314-16	80x16 mm
19314-20	60x20 mm
19315-06	25x 6 mm
19330-40	40x12 mm
19330-55	55x11 mm

KOCHER-LANGENBECK  
21 cm, 8 1/4"LANGENBECK  
19315-21  
21 cm, 8 1/4"



**HADEO**  
INSTRUMENTE GERMANY

Wundhaken  
Retractors  
Separadores  
Divaricatori



**LANGENBECK**  
19317-21  
21 cm, 8 1/4"

**KOCHER**  
23 cm, 9"

**HADEO**  
INSTRUMENTE GERMANY

Wundhaken  
Retractors  
Separadores  
Divaricatori

19694-01  
50 x 16 mm  
20 cm, 8"



19694-02  
75 x 25 mm  
23 cm, 9"



19694-03  
90 x 50 mm  
24 cm, 9 1/2"



MEYERDING

**HADEO**  
INSTRUMENTE GERMANY

Spinalhaken  
Spinal retractors  
Separadores espinales  
Divaricatori spinali



TAYLOR  
16,5 cm, 6 1/2"  
33831-16 75 x 30 mm  
33833-16 100 x 30 mm

**HADEO**  
INSTRUMENTE GERMANY

Nervhaken, Durahaken  
Nerve Hooks, Dura Hooks  
Ganchos para nervios y para dura-madre  
Unicini per nervi e per dura-madre



DANDY  
41051-20  
20 cm, 8"



DANDY  
41052-20  
20 cm, 8"



DANDY  
41053-20  
20 cm, 8"

**HADEO**  
INSTRUMENTE GERMANY

Nervhaken, Durahaken  
Nerve Hooks, Dura Hooks  
Ganchos para nervios y para dura-madre  
Unicini per nervi e per dura-madre



**CRILE**  
41054-20 20 cm, 8"  
41054-28 28 cm, 11"

Fig. 1



**CUSHING**  
41056-18 18 cm, 7"  
41056-28 28 cm, 11"

Fig. 2



**CUSHING**  
41058-18 18 cm, 7"  
41058-28 28 cm, 11"

**HADEO**  
INSTRUMENTE GERMANY

Nervhaken, Durahaken  
Nerve Hooks, Dura Hooks  
Ganchos para nervios y para dura-madre  
Unicini per nervi e per dura-madre



GRAHAM  
41061-16  
16,5 cm, 6 1/2"



SACHS  
41064-16  
18,5 cm, 7 1/4"



ADSON  
41068-20  
20 cm, 8"



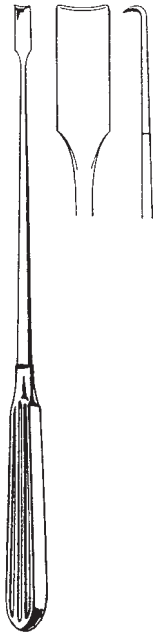
ADSON  
41069-20  
20 cm, 8"



SMITHWICK  
41070-29  
29 cm, 11.4"

**HADEO**  
INSTRUMENTE GERMANY

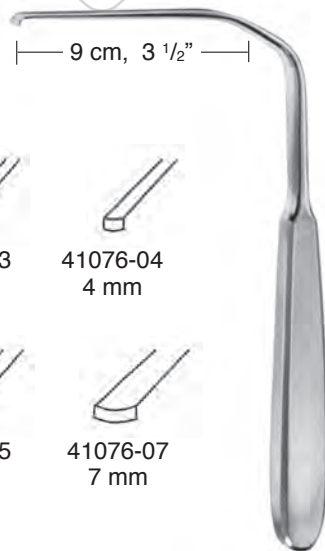
Nervwurzelnhaken  
Nerve Root Retractors  
Separadores de raiz de nervios  
Uncini per le radici dei nervi



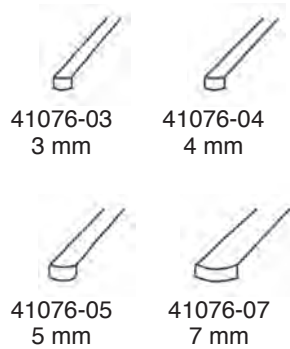
SCOVILLE  
41074-23  
23 cm, 9"



HOLSHER  
41075-24  
24 cm, 9 1/2"

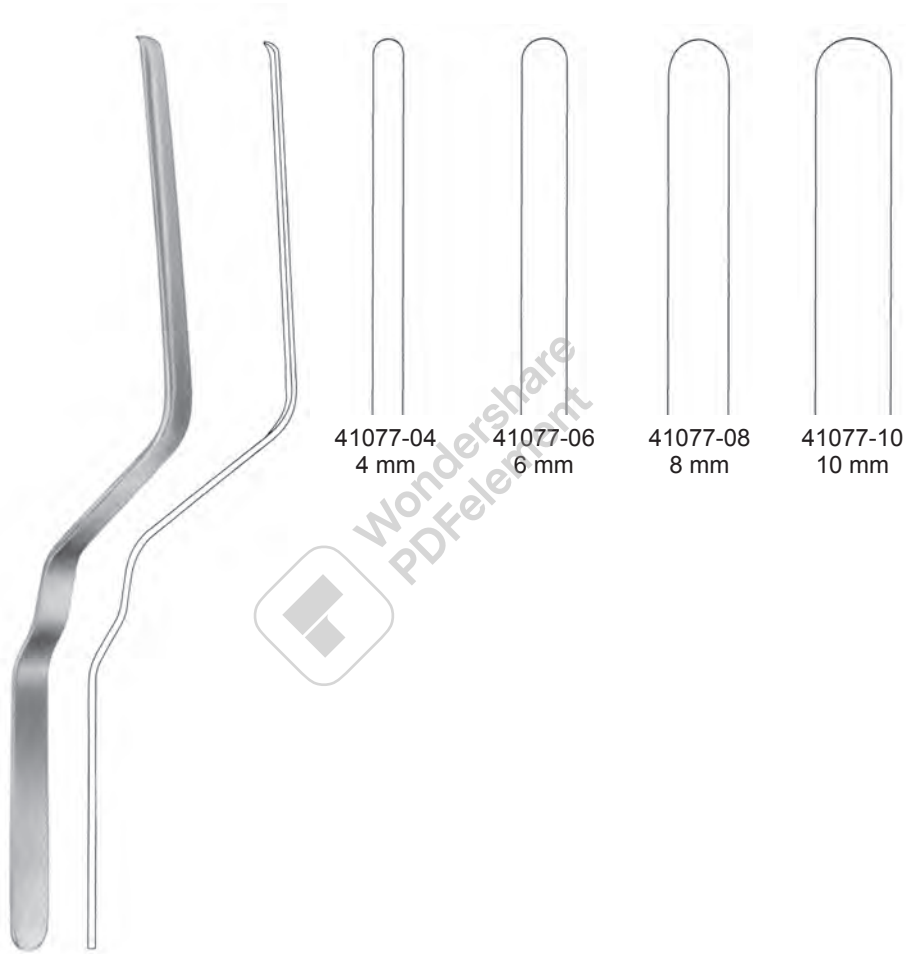


HESS  
17,5 cm, 7"



**HADEO**  
INSTRUMENTE GERMANY

Nervwurzelnhaken  
Nerve Root Retractors  
Separadores de raiz de nervios  
Uncini per le radici dei nervi



CASPAR  
24 cm, 9 1/2"



**HADEO**  
INSTRUMENTE GERMANY

Nervwurzelhaken  
Nerve Root Retractors  
Separadores de raiz de nervios  
Uncini per le radici dei nervi



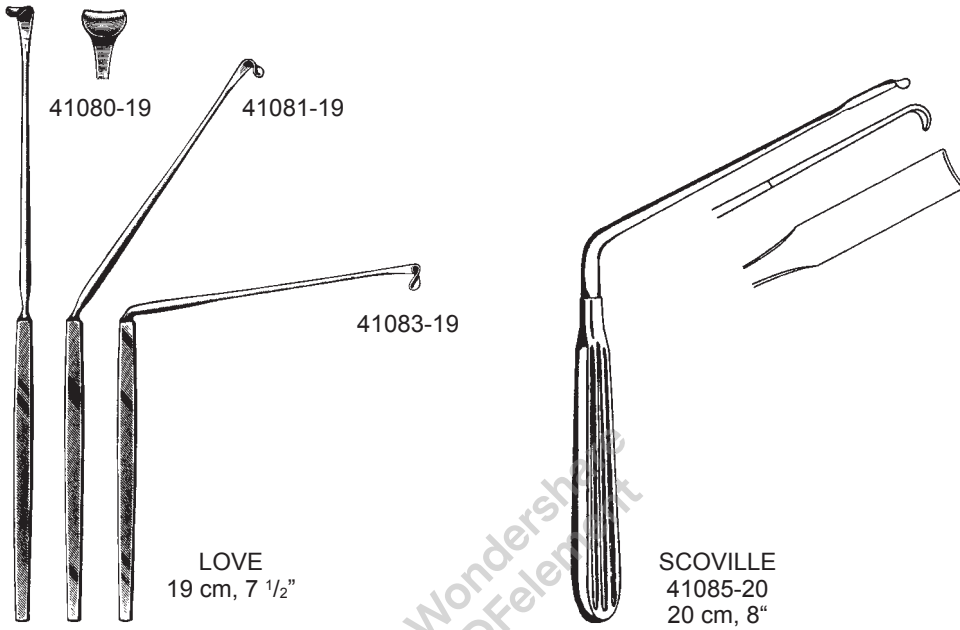
D'ERRICO  
41078-23  
23 cm, 9"



LOVE  
41079-21  
21 cm, 8 1/4"

**HADEO**  
INSTRUMENTE GERMANY

Nervwurzelnhaken, Galea Haken  
Nerve Root Retractors, Galea Hooks  
Separadores de raiz de nervios, Gancho para galea  
Uncini per le radici dei nervi, Uncini galea



**HADEO**  
INSTRUMENTE GERMANY

Explorations- und Koagulationshäkchen  
Exploration- and Coagulation Hooks  
Ganchos para exploración y coagulación  
Uncini per esplorazione e coagulazione



CASPAR  
245 mm  
9 3/4"



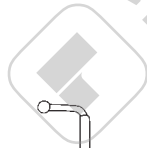
93400-01 isoliert / insulated  
aislado / isolato

93400-02 nicht isoliert / not insulated  
no-aislado / non isolato



93401-01 isoliert / insulated  
aislado / isolato

93401-02 nicht isoliert / not insulated  
no-aislado / non isolato



93402-01 isoliert / insulated  
aislado / isolato

93402-02 nicht isoliert / not insulated  
no-aislado / non isolato



93403-01 isoliert / insulated  
aislado / isolato

93403-02 nicht isoliert / not insulated  
no-aislado / non isolato

**HADEO**  
INSTRUMENTE GERMANY

Fadenführer, Nerv- und Gefäßhäkchen  
Ligature Guides, Nerve- and Vessel Hooks  
Guia para ligaduras, ganchos para nervios y vasos  
Conduitori per legature, uncini per nervi e vasi



**YASARGIL**  
185 mm / 7 1/4"

Fadenführer geknöpft  
Ligature Guides, probe pointed  
Guiador abotonado  
Conduittore bottonuto per legature



93405-01



93405-02



93405-03



93405-04



41242-19



41243-19



41244-19



41245-19

**KRAYENBÜHL**  
185 mm / 7 1/4"

Nerv- und Gefäßhäkchen  
Nerve- and Vessel Hooks  
Ganchos para nervios y vasos  
Uncini per nervi e vasi

**HADEO**  
INSTRUMENTE GERMANY

Griff für auswechselbare Gefäßmesser und Haken  
Handle for interchangeable Vessel Knives and Hooks  
Mangos para bisturí y ganchos intercambiables  
Manico per lame da bisturi e uncini intercambiabili



93440-02      95 mm / 3 3/4"      JACOBSON

auswechselbares Gefäßmesser für Griff 93440-01  
interchangeable vessel knife for handle 93440-01  
cuchillo suelto para mango 93440-01  
bisturi intercambiabile per manico 93440-01



93440-03      85 mm / 3 3/8"

auswechselbares Haken für Griff 93440-01  
interchangeable hook for handle 93440-01  
cuchillo suelto para mango 93440-01  
uncino intercambiabile per manico 93440-01








93440-01  
105 mm / 4 1/8"

Griff mit Spannfutter  
handle with chuck  
mango con chuck  
manico con mandrino

**HADEO**  
INSTRUMENTE GERMANY

Mikro-Häkchen, Mikro-Gefäßmesser  
Micro Hooks, Micro Vessel Knives  
Micro-ganchitos y micro-cuchillos  
Micro uncinetti e micro coltelli per vasi



	93450-01	230 mm / 9"	scharf sharp agudo acuto	
	93450-02	230 mm / 9"	stumpf blunt romo smusso	
90° 	41236-19	185 mm / 7 1/4"	FISCH scharf, gebogen sharp, curved agudo, curvado acuto, curva	
90° 	41237-19	185 mm / 7 1/4"	FISCH scharf, abgewinkelt sharp, angled agudo, angulado acuto, angolato	
	93450-04	185 mm / 7 1/4"	JACOBSON Mikro-Gefäßmesser Micro Vessel Knife Micro-cuchillo Micro coltello per vasi	

SPREIZER

SPREADER

SEPARADORES

DIVARICATORI

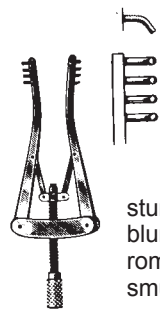


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**HADEO**  
INSTRUMENTE GERMANY

Wundspreizer  
Self-retaining Retractors  
Separadores autoestáticos  
Divaricatori autostatici

scharf  
sharp  
agudo  
acuto

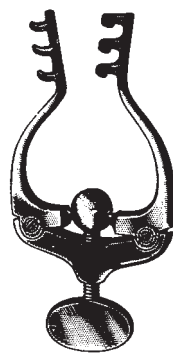


stumpf  
blunt  
romo  
smusso

	ALM	
19620-07	7 cm, 2 3/4"	19621-07
19620-10	10 cm, 4"	19621-10



JANSEN  
19630-10  
10 cm, 4"



JANSEN  
19631-10  
10 cm, 4"

scharf  
sharp  
agudo  
acuto



stumpf  
blunt  
romo  
smusso

HOLZHEIMER  
19634-10 19635-10  
10 cm, 4"

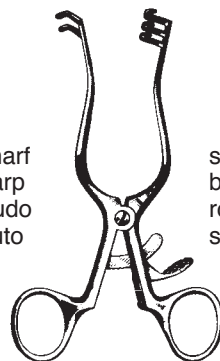




Wundspreizer  
Self-retaining Retractors  
Separadores autoestáticos  
Divaricatori autostatici

2x3

scharf  
sharp  
agudo  
acuto

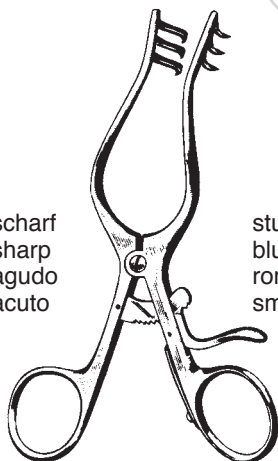


stumpf  
blunt  
romo  
smusso

WEITLANER  
19650-10 19651-10  
11,5 cm, 4 1/2"

3x3

scharf  
sharp  
agudo  
acuto

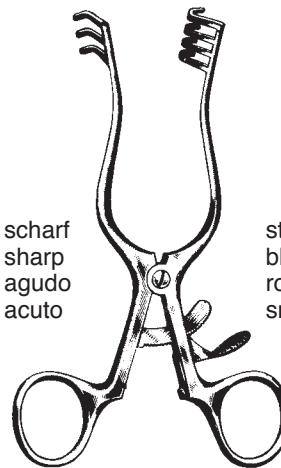


stumpf  
blunt  
romo  
smusso

WEITLANER-WULLSTEIN  
19654-13 19655-13  
13 cm, 5 1/8"

3x4

scharf  
sharp  
agudo  
acuto

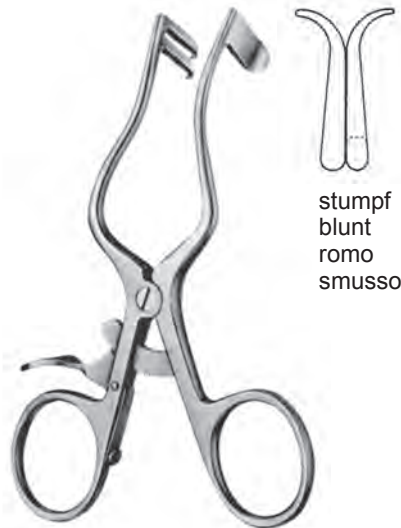


stumpf  
blunt  
romo  
smusso

WEITLANER  
19670-14 14,0 cm, 5 1/2" 19671-14  
19670-16 16,5 cm, 6 1/2" 19671-16  
19670-20 20,0 cm, 8" 19671-20  
19670-24 24,0 cm, 9 1/2" 19671-24

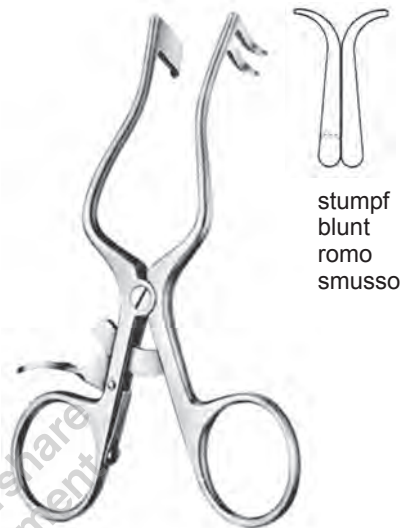
**HADEO**  
INSTRUMENTE GERMANY

Wundspreizer  
Self-retaining Retractors  
Separadores autoestáticos  
Divaricatori autostatici



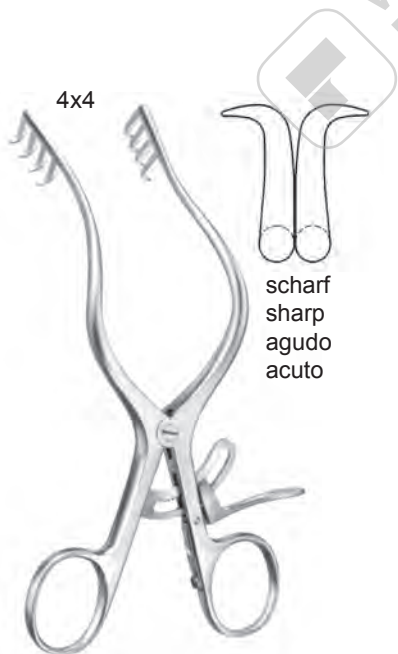
stumpf  
blunt  
romo  
smusso

PLESTER  
19672-11 11 cm, 4 3/8"



stumpf  
blunt  
romo  
smusso

PLESTER  
19673-11 11 cm, 4 3/8"



4x4

scharf  
sharp  
agudo  
acuto

MOLLISON  
19674-15 15 cm, 6"

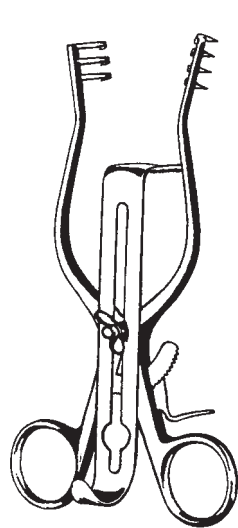


3x3

stumpf  
blunt  
romo  
smusso

WULLSTEIN  
19675-13 13 cm, 5 1/8"

**Wundspreizer**  
**Self-retaining Retractors**  
**Separadores autoestáticos**  
**Divaricatori autostatici**



**HENLEY**  
16,5 cm, 6 1/2"



19675-00 komplett, stumpf, 3x4 Z. und 3 Valven  
19675-00 complete, blunt, 3x4 teeth and 3 blades  
19675-00 completo, romo, 3x4 dientes y 3 valvas  
19675-00 completo, smusso, 3x4 d. e 3 valve

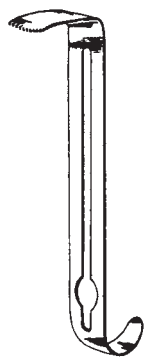
19676-00 komplett, scharf, 3x4 Z. und 3 Valven  
19676-00 complete, sharp, 3x4 teeth and 3 blades  
19676-00 completo, agudo, 3x4 dientes y 3 valvas  
19676-00 completo con retr. acuto 3x4 d. e 3 valve

19678-05 Retraktor allein, stumpf 3x4 Zähne  
19678-05 Retractor only, blunt 3x4 teeth  
19678-05 Separador solo, romo, 3x4 dientes  
19678-05 Retrattore solo, smusso 3x4 denti

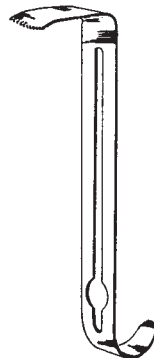
19678-06 Retraktor allein, scharf 3x4 Zähne  
19678-06 Retractor only, sharp 3x4 teeth  
19678-06 Separador solo, agudo, 3x4 dientes  
19678-06 Retrattore solo, acuto 3x4 denti



19677-19  
16x19 mm  
5/8" x 3/4"



19677-25  
16x25 mm  
5/8" x 1"



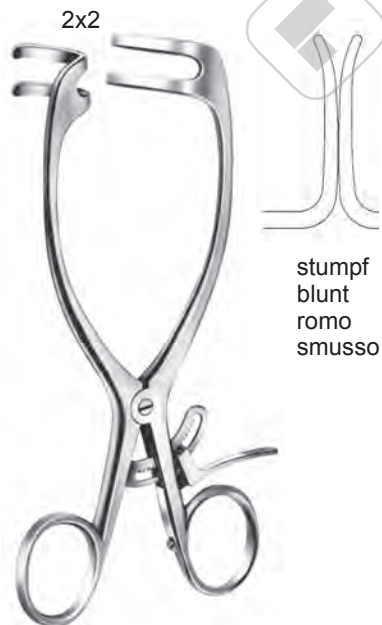
19677-32  
16x32 mm  
5/8" x 1 1/4"

**HADEO**  
INSTRUMENTE GERMANY

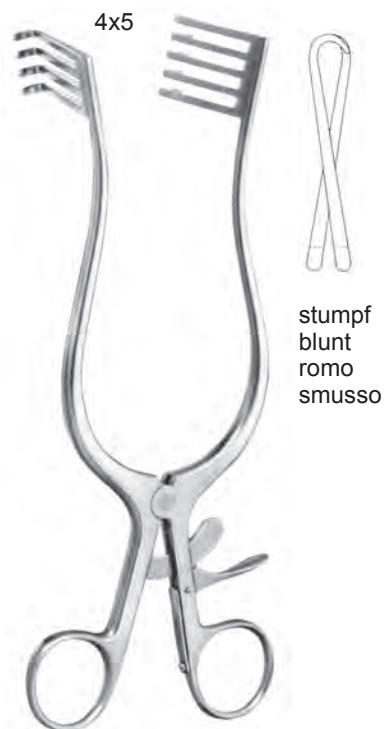
Wundspreizer  
Self-retaining Retractors  
Separadores autoestáticos  
Divaricatori autostatici



PLESTER  
19677-13 13 cm, 5 1/8"



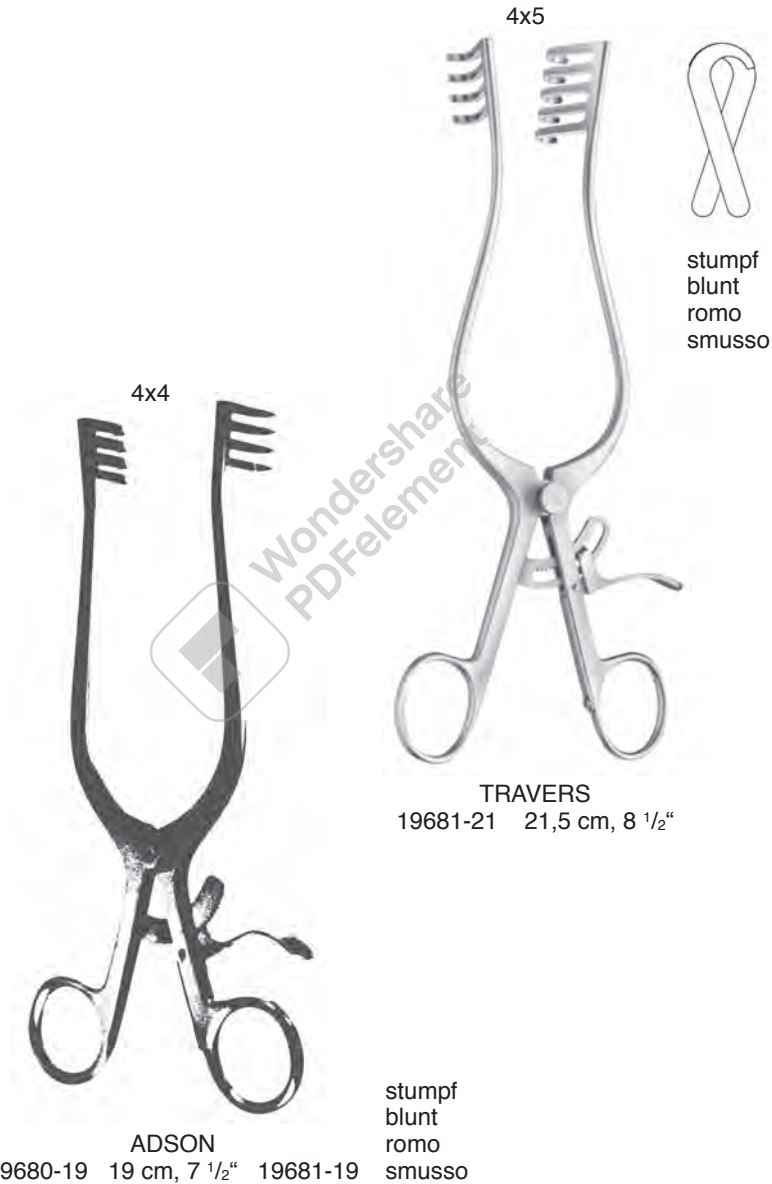
MAYO-ADAMS  
19678-16 16,5 cm, 6 1/2"



NORFOLK / NORWICH  
19679-22 22 cm, 8 3/4"

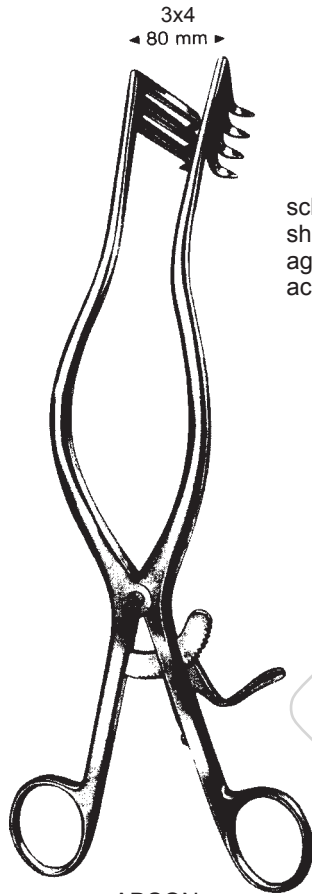
**HADEO**  
INSTRUMENTE GERMANY

Wundspreizer  
Self-retaining Retractors  
Separadores autoestáticos  
Divaricatori autostatici



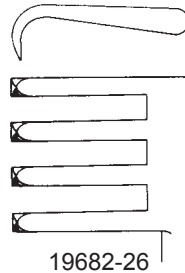
**HADEO**  
INSTRUMENTE GERMANY

Wundspreizer  
Self-retaining Retractors  
Separadores autoestáticos  
Divaricatori autostatici



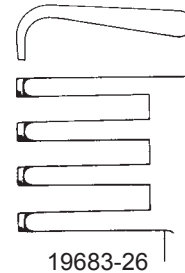
ADSON  
26,5 cm, 10 1/2"

scharf  
sharp  
agudo  
acuto

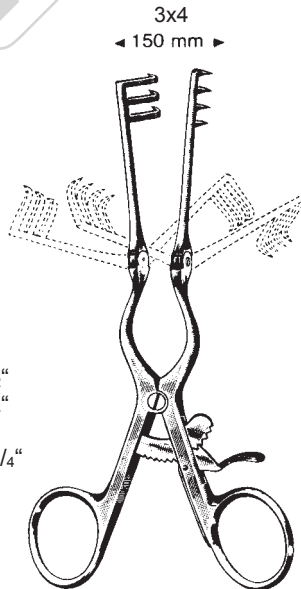


19682-26

stumpf  
blunt  
romo  
smusso



19683-26



BECKMANN-ADSON (CONE)

- 19684-14 14 cm, 5 1/2"
- 19684-16 16 cm, 6 1/4"
- 19684-20 20 cm, 8"
- 19684-26 26 cm, 10 1/4"

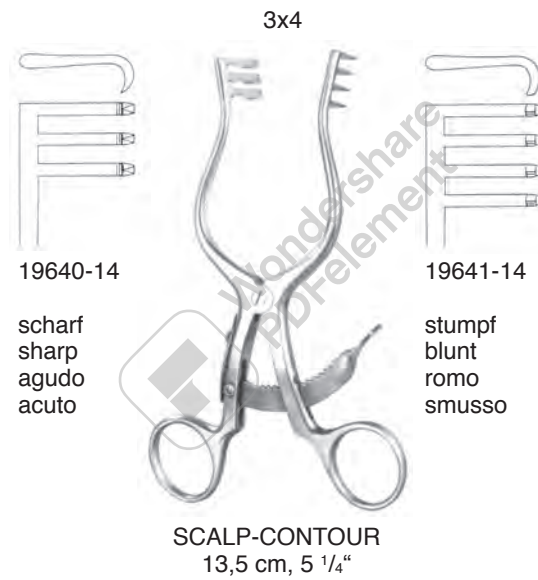
scharf  
sharp  
agudo  
acuto

- 19685-14 14 cm, 5 1/2"
- 19685-16 16 cm, 6 1/4"
- 19685-20 20 cm, 8"
- 19685-26 26 cm, 10 1/4"

stumpf  
blunt  
romo  
smusso

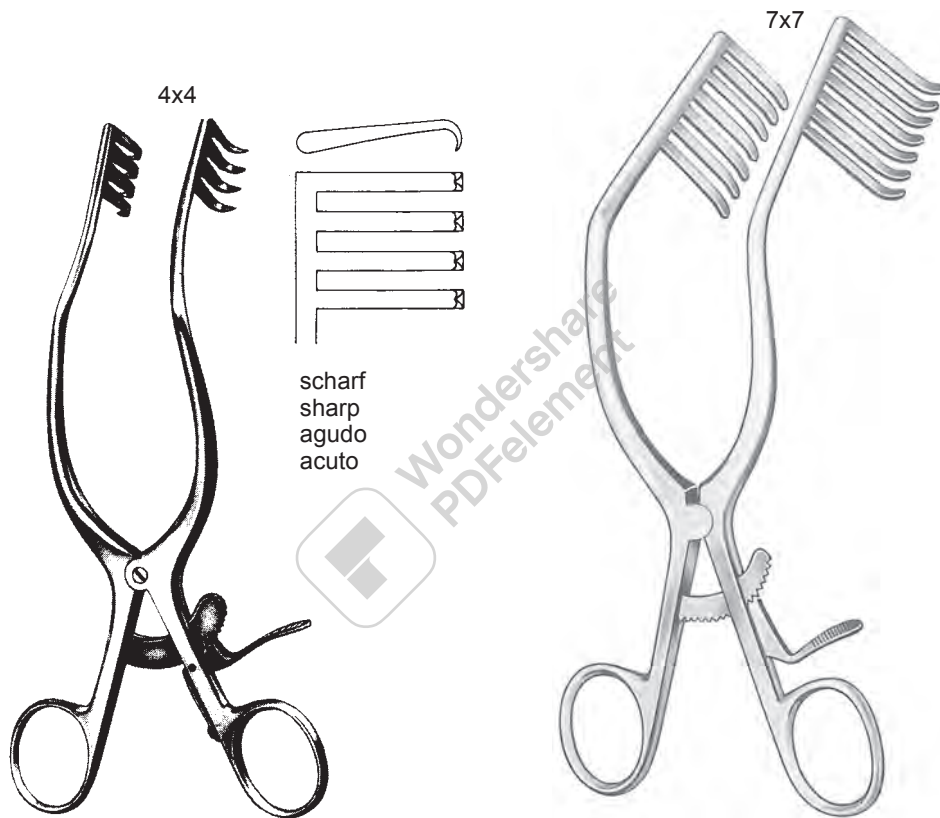
**HADEO**  
INSTRUMENTE GERMANY

Kopfhautspreizer  
Scalp Retractor  
Separador para el cuero cabelludo  
Divaricatore automatico per cuoio capelluto



**HADEO**  
INSTRUMENTE GERMANY

Zerebellum-Spreizer  
Cerebellar Retractor  
Separador para cerebello  
Divaricatore per cervelletto



ANDERSON ADSON  
19679-20 19,5 cm, 7 3/4"

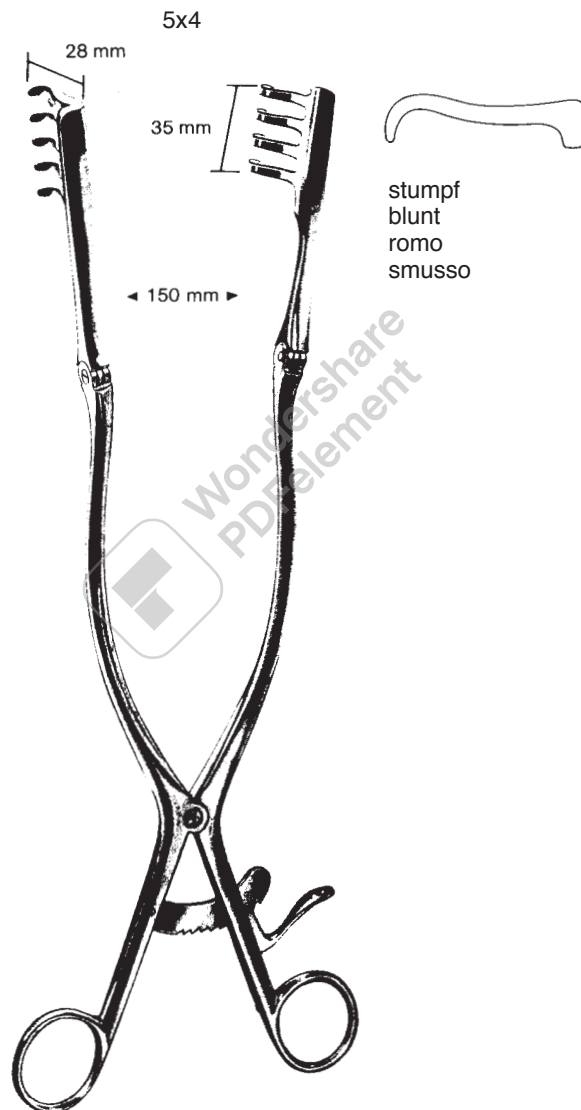
MISKIMON  
22 cm, 8 3/4"

19693-01	19693-02
scharf	stumpf
sharp	blunt
agudo	romo
acuto	smusso



**HADEO**  
INSTRUMENTE GERMANY

Laminektomie-Wundspreizer  
Laminectomy Retractors  
Separadores para laminectomía  
Divaricatori per laminectomia

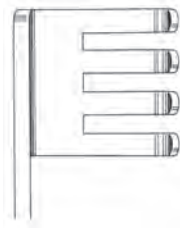


ADSON  
19686-32  
32 cm, 12 <sup>3</sup>/<sub>4</sub>"

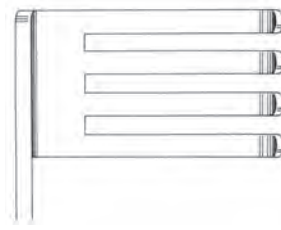
**HADEO**  
INSTRUMENTE GERMANY

Laminektomie-Wundspreizer  
Laminectomy Retractors  
Separadores para laminectomía  
Divaricatori per laminectomia

4x4



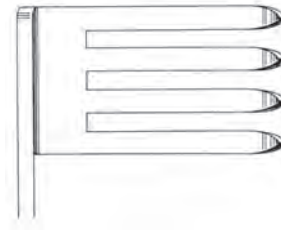
19687-01  
25 x 27 mm  
stumpf  
blunt  
romo  
smusso



19688-01  
45 x 27 mm  
stumpf  
blunt  
romo  
smusso



19687-02  
25 x 27 mm  
scharf  
sharp  
agudo  
acuto

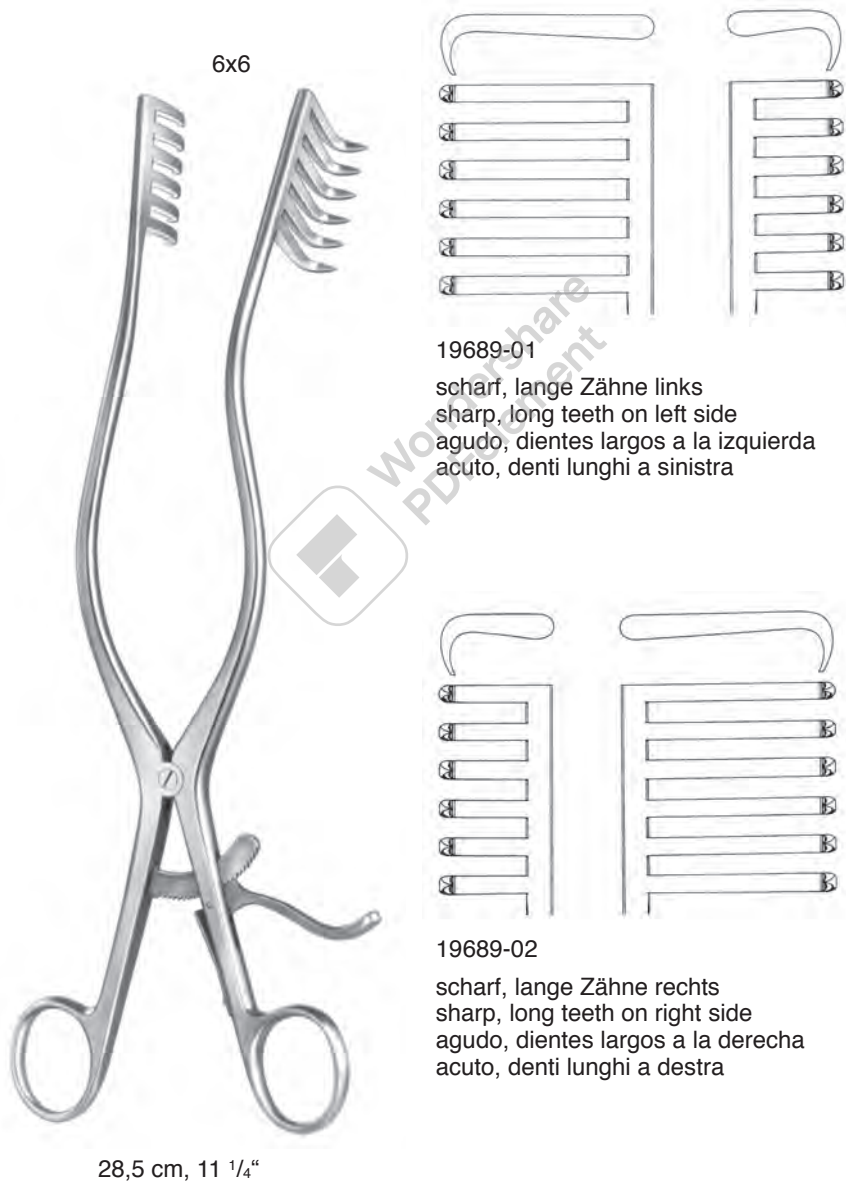


19688-02  
45 x 27 mm  
scharf  
sharp  
agudo  
acuto

BECKMANN-ADSON  
31 cm, 12 1/4"

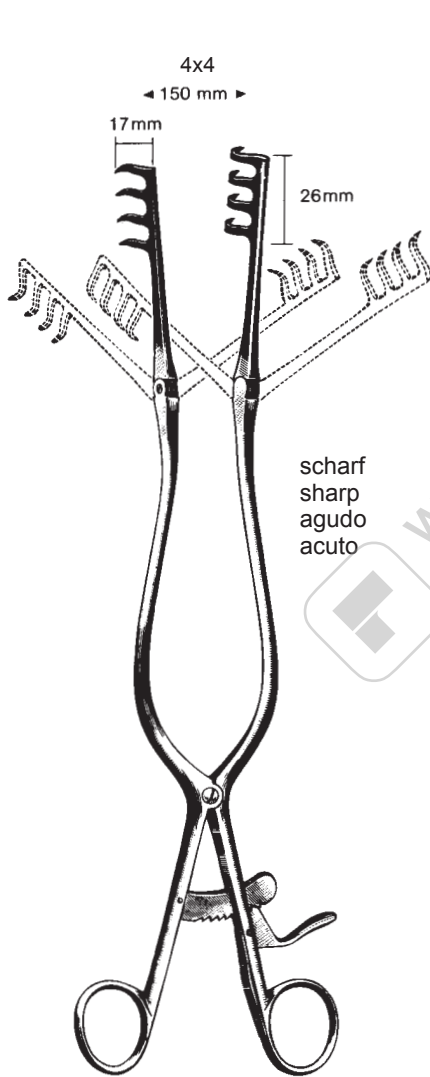
**HADEO**  
INSTRUMENTE GERMANY

Laminektomie-Wundspreizer  
Laminectomy Retractors  
Separadores para laminectomía  
Divaricatori per laminectomia



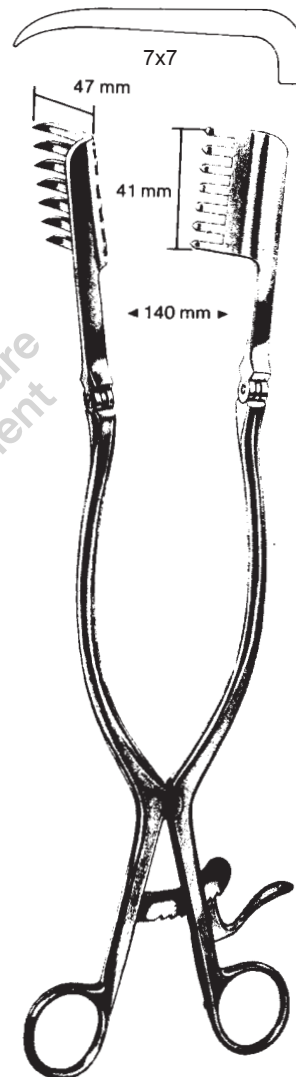
**HADEO**  
INSTRUMENTE GERMANY

Laminektomie-Wundspreizer  
Laminectomy Retractors  
Separadores para laminectomía  
Divaricatori per laminectomia



scharf  
sharp  
agudo  
acuto

BECKMANN  
19690-31  
31 cm, 12 1/4"

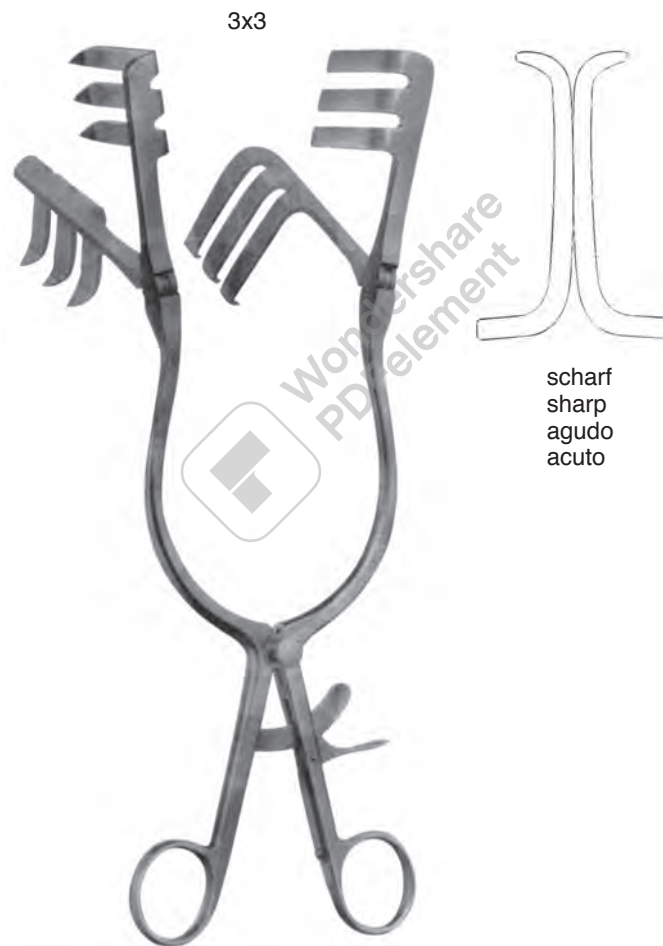


scharf  
sharp  
agudo  
acuto

BECKMANN-EATON  
19692-32  
32 cm, 12 3/4"

**HADEO**  
INSTRUMENTE GERMANY

Laminektomie-Wundspreizer  
Laminectomy Retractors  
Separadores para laminectomía  
Divaricatori per laminectomia



HARVEY-JACKSON  
19693-28  
28 cm, 11"

**HADEO**  
INSTRUMENTE GERMANY

Laminektomie-Wundspreizer  
Laminectomy Retractors  
Separadores para laminectomía  
Divaricatori per laminectomia

Blätter rechts  
blades right hand side  
valvas a la derecha  
Lame destra



KNIGHTON  
19694-18  
18 cm, 7"

Blätter links  
blades left hand side  
valvas a la izquierda  
Lame sinistra



KNIGHTON  
19695-18  
18 cm, 7"

**HADEO**  
INSTRUMENTE GERMANY

Laminektomie-Wundspreizer  
Laminectomy Retractors  
Separadores para laminectomía  
Divaricatori per laminectomia

Blätter rechts  
blades right hand side  
valvas a la derecha  
Lame destra



WALTON  
19695-01  
18 cm, 7"

Blätter links  
blades left hand side  
valvas a la izquierda  
Lame sinistra



WALTON  
19695-02  
18 cm, 7"



Laminektomie-Wundspreizer  
 Laminectomy Retractors  
 Separadores para laminectomía  
 Divaricatori per laminectomia



19770-00 CASPAR  
 Sperrer mit Haken 19772-38 und  
 5 Blättern 19774-37 - 19774-57  
 Retractor with hook 19772-38 and  
 5 blades 19774-37 - 19774-57  
 Retractor con gancho 19772-38 y  
 5 hojas 19774-37 - 19774-57  
 Divaricatore con gancio 19772-38 e  
 5 valve 19774-37 - 19774-57

19770-11  
 Sperrer, alleine  
 Retractor, only  
 Retractor, suelto  
 Divaricatore solo



19779-00  
 Drehschlüssel alleine  
 Key only  
 Llave sola  
 Chiave sola



19772-38 Haken 38 mm  
 Hook 38 mm  
 gancho de 38 mm  
 gancio 38 mm

19772-58 Haken 58 mm  
 Hook 58 mm  
 gancho de 58 mm  
 gancio 58 mm



19774-32 32 x 22 mm  
 19774-37 37 x 22 mm  
 19774-43 43 x 22 mm  
 19774-47 47 x 22 mm  
 19774-52 52 x 22 mm  
 19774-57 57 x 22 mm  
 19774-62 62 x 22 mm  
 19774-67 67 x 22 mm

Blätter / blades  
 hojas / valve



19776-32 32 x 37 mm  
 19776-37 37 x 37 mm  
 19776-43 43 x 37 mm  
 19776-47 47 x 37 mm  
 19776-52 52 x 37 mm  
 19776-57 57 x 37 mm  
 19776-62 62 x 37 mm  
 19776-67 67 x 37 mm

Blätter / blades  
 hojas / valve



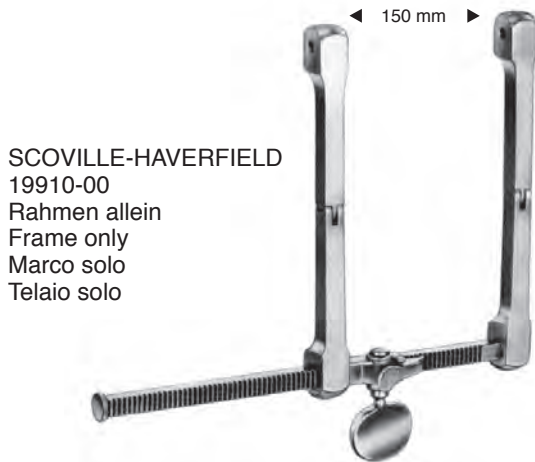
19778-32 32 x 52 mm  
 19778-37 37 x 52 mm  
 19778-43 43 x 52 mm  
 19778-47 47 x 52 mm  
 19778-52 52 x 52 mm  
 19778-57 57 x 52 mm  
 19778-62 62 x 52 mm  
 19778-67 67 x 52 mm

Blätter / blades  
 hojas / valve



**HADEO**  
INSTRUMENTE GERMANY

Laminektomiespreizer  
Laminectomy Retractors  
Separadores para laminectomia  
Divaricatori per laminectomia



SCOVILLE-HAVERFIELD  
19910-00  
Rahmen allein  
Frame only  
Marco solo  
Telaio solo



SCOVILLE  
19911-00  
Rahmen allein  
Frame only  
Marco solo  
Telaio solo

SCOVILLE-HAVERFIELD  
19910-01  
komplett bestehend aus:  
complete consisting of:  
completo con:  
completo con:  
19910-00 + 19913-50 + 19917-64

SCOVILLE  
19911-01  
komplett bestehend aus:  
complete consisting of:  
completo con:  
completo con:  
19911-00 + 19913-50 + 19917-64



SCOVILLE  
19912-50  
50 mm



SCOVILLE  
19912-70  
70 mm



SCOVILLE  
19914-41 41 x 38 mm  
19914-67 67 x 44 mm



TAYLOR  
19915-48 48 x 50 mm  
19915-64 64 x 50 mm  
19916-64 64 x 64 mm  
19916-80 80 x 57 mm



SCOVILLE  
19913-50  
50 mm



SCOVILLE  
19913-70  
70 mm



SCOVILLE  
19917-64 64 x 25 mm  
19918-64 64 x 50 mm  
19918-88 88 x 25 mm

**HADEO**  
INSTRUMENTE GERMANY

Laminektomiespreizer  
Laminectomy Retractors  
Separadores para laminectomia  
Divaricatori per laminectomia

62 x 52 mm      62 x 37 mm



19919-02  
1 Paar / 1 pair / 1 par / 1 paio



19919-03  
47 x 51 mm



19919-00  
Rahmen allein  
Frame only  
Marco solo  
Telaio solo

SCOVILLE-RICHTER  
19919-01  
komplett / complete / completo / completo



19919-04  
30 x 40 mm

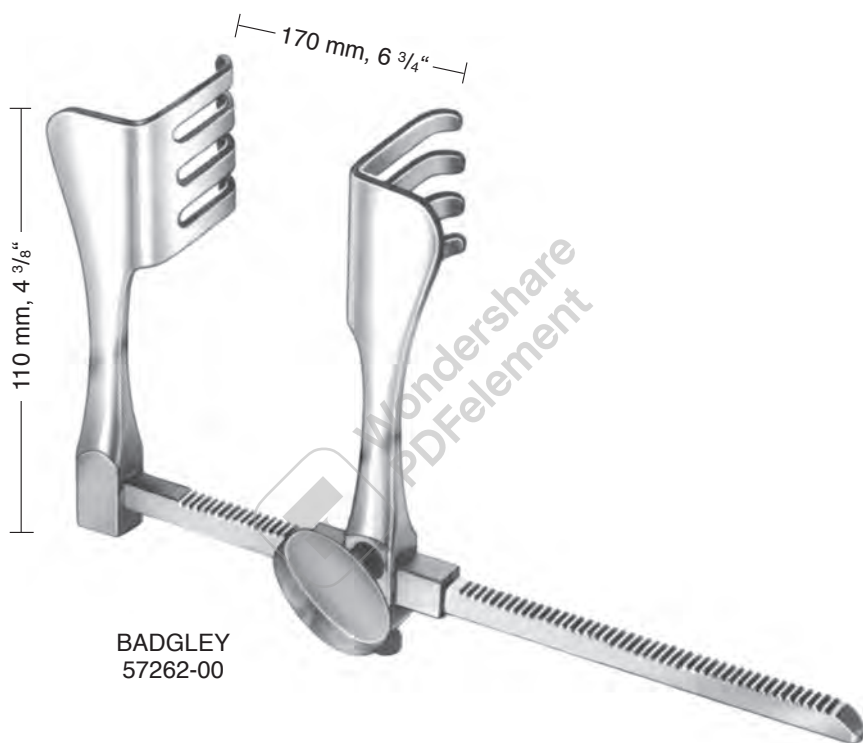


19919-05  
37 x 62 mm

Rahmen mit 1 Paar Valven 19919-02  
frame with one pair of blades 19919-02  
marco con 1 par de valvas 19919-02  
divaricatore con valve 19919-02

**HADEO**  
INSTRUMENTE GERMANY

Laminektomie-Wundspreizer  
Laminectomy Retractors  
Separadores para laminectomía  
Divaricatori per laminectomia

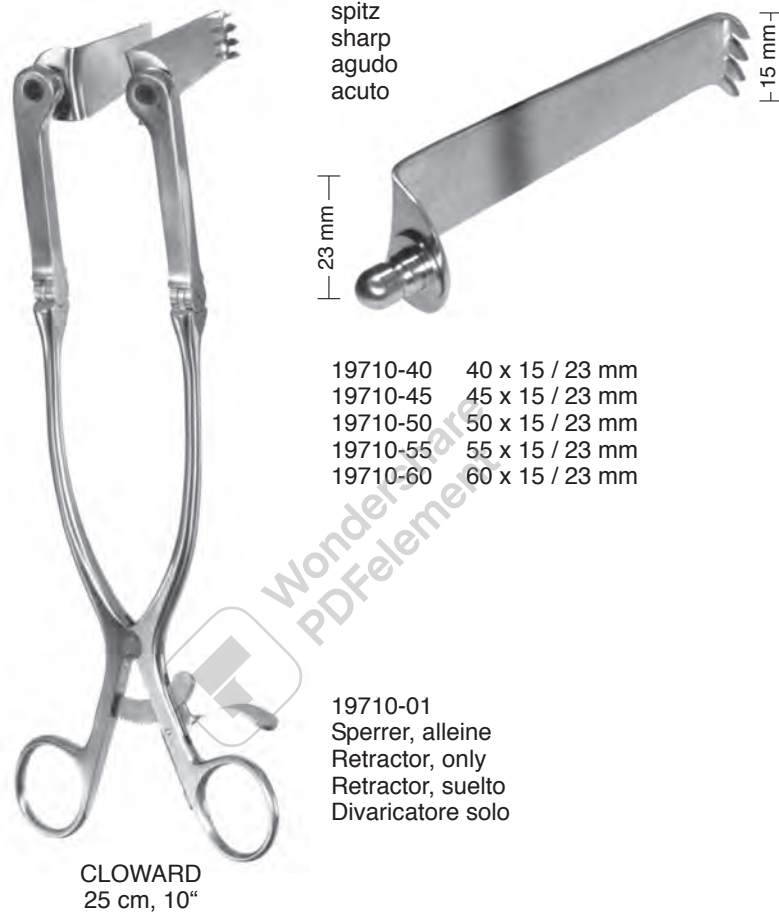


BADGLEY  
57262-00

# HADEO

INSTRUMENTE GERMANY

Cervicalspreizer  
Cervical Retractor  
Separador cervical  
Divaricatore cervicale



19710-00  
Sperrer komplett mit 5 Valven spitz  
Retractor complete with 5 blades sharp  
Separador completo con 5 valvas agudas  
Divaricatore completo con 5 valve acute

**HADEO**  
 INSTRUMENTE GERMANY

 Cervicalspreizer  
 Cervical Retractor  
 Separador cervical  
 Divaricatore cervicale

 CLOWARD  
 25 cm, 10"

 stumpf  
 blunt  
 romo  
 smusso


19711-40	40 x 15 / 23 mm
19711-45	45 x 15 / 23 mm
19711-50	50 x 15 / 23 mm
19711-55	55 x 15 / 23 mm
19711-60	60 x 15 / 23 mm

 19710-01  
 Sperrer, alleine  
 Retractor, only  
 Retractor, suelto  
 Divaricatore solo

 19712-00  
 Sperrer komplett mit 5 Valven stumpf  
 Retractor complete with 5 blades blunt  
 Separador completo con 5 valvas romas  
 Divaricatore completo con 5 valve smusse

# HADEO

INSTRUMENTE GERMANY

Cervicalspreizer  
Cervical Retractor  
Separador cervical  
Divaricatore cervicale



19710-40	40 x 15 / 23 mm
19710-45	45 x 15 / 23 mm
19710-50	50 x 15 / 23 mm
19710-55	55 x 15 / 23 mm
19710-60	60 x 15 / 23 mm

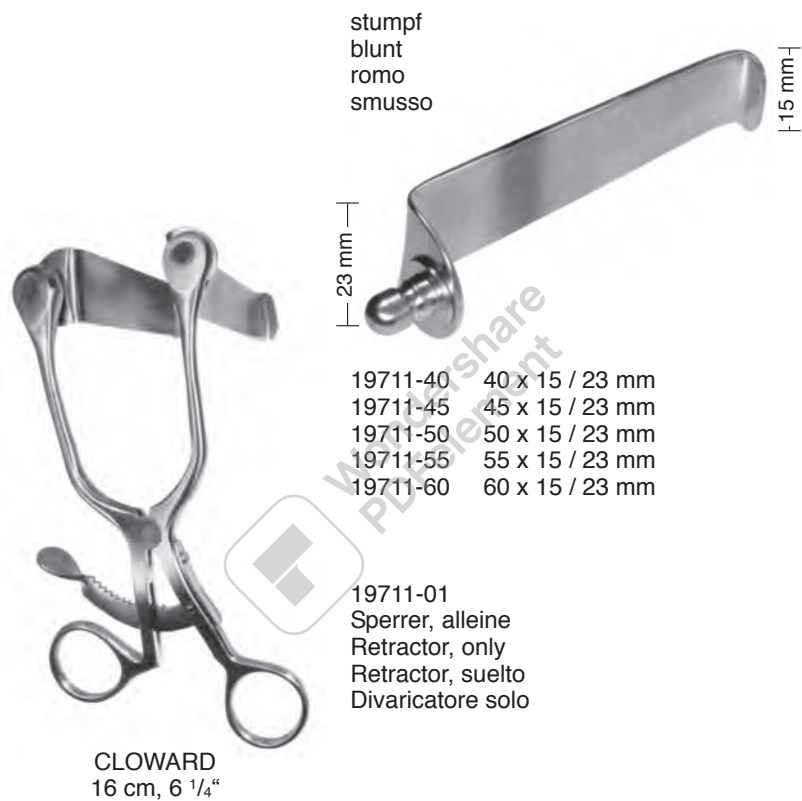


CLOWARD  
16 cm, 6 1/4"

19711-01  
Sperrer, alleine  
Retractor, only  
Retractor, suelto  
Divaricatore solo

19711-00  
Sperrer komplett mit 5 Valven spitz  
Retractor complete with 5 blades sharp  
Separador completo con 5 valvas agudas  
Divaricatore completo con 5 valve acute

**HADEO**  
 INSTRUMENTE GERMANY

 Cervicalspreizer  
 Cervical Retractor  
 Separador cervical  
 Divaricatore cervicale


19713-00  
Sperrer komplett mit 5 Valven stumpf  
Retractor complete with 5 blades blunt  
Separador completo con 5 valvas romas  
Divaricatore completo con 5 valve smusse

**HADEO**  
INSTRUMENTE GERMANY

Cervicalspreizer  
Cervical Retractor  
Separador cervical  
Divaricatore cervicale

90 mm, 3 1/2"



CASPAR  
19721-15  
165 mm, 5 1/2"

Sperrer, alleine  
Retractor, only  
Retractor, suelto  
Divaricatore solo



19726-01

Blätter-Wechselpinzette  
Blade ejector  
Pinza para cambiar hojas  
Pinze per cambiare valve

19721-00 compl.  
5 Valven / 5 blades / 5 valvas / 5 valve  
Blätter, stumpf / blunt blades, only stainless steel /  
hojas romas de acero inox. / valve smusse di acciaio inox

19738-45 45 x 23 mm  
19738-50 50 x 23 mm  
19738-55 55 x 23 mm  
19738-60 60 x 23 mm  
19738-65 65 x 23 mm

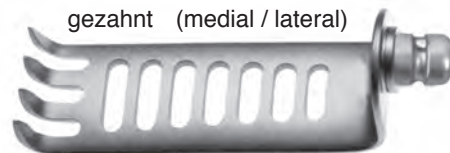




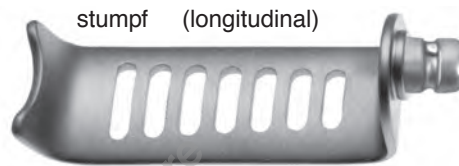
**HADEO**  
INSTRUMENTE GERMANY

Titan Blätter, gefenstert  
Titanium blades, fenestrated  
Valvas de titanio, fenestradas  
Valve de titanio, fenestrada

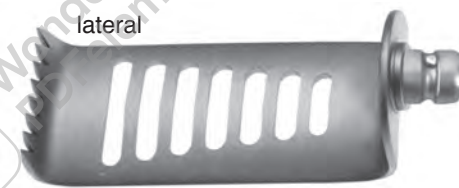
- 19 mm x 25 mm 19727-25T
- 19 mm x 30 mm 19727-30T
- 19 mm x 35 mm 19727-35T
- 19 mm x 40 mm 19727-40T
- 19 mm x 45 mm 19727-45T
- 19 mm x 50 mm 19727-50T
- 19 mm x 55 mm 19727-55T
- 19 mm x 60 mm 19727-60T



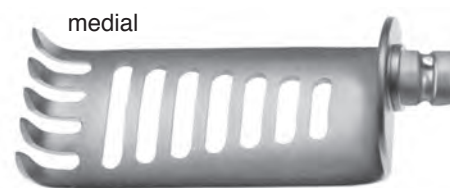
- 19 mm x 25 mm 19728-25T
- 19 mm x 30 mm 19728-30T
- 19 mm x 35 mm 19728-35T
- 19 mm x 40 mm 19728-40T
- 19 mm x 45 mm 19728-45T
- 19 mm x 50 mm 19728-50T
- 19 mm x 55 mm 19728-55T
- 19 mm x 60 mm 19728-60T



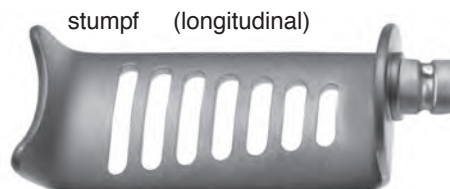
- 24 mm x 30 mm 19729-30T
- 24 mm x 35 mm 19729-35T
- 24 mm x 40 mm 19729-40T
- 24 mm x 45 mm 19729-45T
- 24 mm x 50 mm 19729-50T
- 24 mm x 55 mm 19729-55T
- 24 mm x 60 mm 19729-60T
- 24 mm x 65 mm 19729-65T
- 24 mm x 70 mm 19729-70T



- 24 mm x 30 mm 19730-30T
- 24 mm x 35 mm 19730-35T
- 24 mm x 40 mm 19730-40T
- 24 mm x 45 mm 19730-45T
- 24 mm x 50 mm 19730-50T
- 24 mm x 55 mm 19730-55T
- 24 mm x 60 mm 19730-60T
- 24 mm x 65 mm 19730-65T
- 24 mm x 70 mm 19730-70T



- 24 mm x 35 mm 19731-35T
- 24 mm x 40 mm 19731-40T
- 24 mm x 45 mm 19731-45T
- 24 mm x 50 mm 19731-50T
- 24 mm x 55 mm 19731-55T
- 24 mm x 60 mm 19731-60T
- 24 mm x 65 mm 19731-65T
- 24 mm x 70 mm 19731-70T
- 24 mm x 75 mm 19731-75T



# HADEO

INSTRUMENTE GERMANY

Blätter für Cervicalspreizer  
Blades for cervical Retractors  
Hojas sueltas para separador cervical  
Valve per divaricatori cervicale



19724-55  
55 x 20 mm

Blätter, medial / medial blades, only stainless steel /  
hojas mediales de acero inox. / valve mediali di acciaio inox

19724-40	40 x 23 mm	19724-55	55 x 23 mm
19724-45	45 x 23 mm	19724-60	60 x 23 mm
19724-50	50 x 23 mm		

Blätter, medial, TITAN / medial blades, only, TITANIUM /  
hojas mediales de TITANIO / valve mediali di TITANIO

19732-25 T	25 x 24 mm	19732-50 T	50 x 24 mm
19732-30 T	30 x 24 mm	19732-55 T	55 x 24 mm
19732-35 T	35 x 24 mm	19732-60 T	60 x 24 mm
19732-40 T	40 x 24 mm	19732-65 T	65 x 24 mm
19732-45 T	45 x 24 mm	19732-70 T	70 x 24 mm



19734-50  
50 x 23 mm

Blätter, lateral / lateral blades, only stainless steel /  
hojas laterales de acero inox. / valve laterali di acciaio inox

19725-40	40 x 23 mm	19725-55	55 x 23 mm
19725-45	45 x 23 mm	19725-60	60 x 23 mm
19725-50	50 x 23 mm		

Blätter, lateral, TITAN / lateral blades, only, TITANIUM /  
hojas laterales de TITANIO / valve laterali di TITANIO

19736-25 T	25 x 24 mm	19736-50 T	50 x 24 mm
19736-30 T	30 x 24 mm	19736-55 T	55 x 24 mm
19736-35 T	35 x 24 mm	19736-60 T	60 x 24 mm
19736-40 T	40 x 24 mm	19736-65 T	65 x 24 mm
19736-45 T	45 x 24 mm	19736-70 T	70 x 24 mm



19738-55  
55 x 23 mm

Blätter, stumpf / blunt blades, only stainless steel /  
hojas romas de acero inox. / valve smusse di acciaio inox

19738-45	45 x 23 mm	19738-60	60 x 23 mm
19738-50	50 x 23 mm	19738-65	65 x 23 mm
19738-55	55 x 23 mm		

Blätter, stumpf, TITAN / blunt blades, only, TITANIUM /  
hojas romas de TITANIO / valve smusse di TITANIO

19739-30 T	30 x 24 mm	19739-55 T	55 x 24 mm
19739-35 T	35 x 24 mm	19739-60 T	60 x 24 mm
19739-40 T	40 x 24 mm	19739-65 T	65 x 24 mm
19739-45 T	45 x 24 mm	19739-70 T	70 x 24 mm
19739-50 T	50 x 24 mm	19739-75 T	75 x 24 mm



Blätter, stumpf / blunt blades, only stainless steel /  
hojas romas de acero inox. / valve smusse di acciaio inox

19740-50	50 x 25 mm
19740-60	60 x 25 mm

**HADEO**  
INSTRUMENTE GERMANY

Hemilaminektomiespreizer  
Hemilaminectomy Retractor  
Separadores para hemilaminectomía  
Divaricatori per emilaminectomia



DARLING  
19696-18 18 cm, 7"

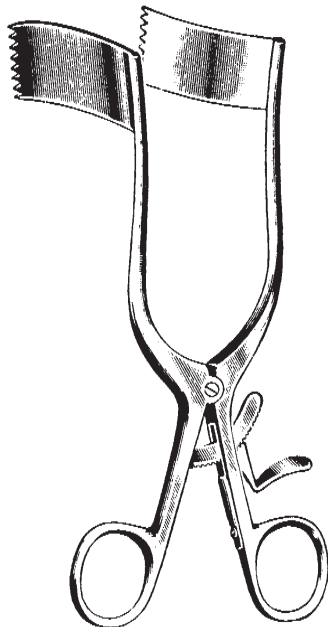
links  
left  
a la izquierda  
a sinistra

DARLING  
19698-18 18 cm, 7"

rechts  
right  
a la derecha  
a destra

**HADEO**  
INSTRUMENTE GERMANY

Hemilaminectomiespreizer  
Hemilaminectomy Retractor  
Separadores para hemilaminectomía  
Divaricatori per emilaminectomia

**MEYERDING**

17 cm, 6 3/4"

19748-01 2,5 x 3,2 cm  
19748-02 2,5 x 5,4 cm  
19748-03 1,9 x 6,0 cm  
19748-04 2,5 x 6,0 cm

**MARKHAM-MEYERDING**

19749-01

18 cm, 7"

**MARKHAM-MEYERDING**

19749-02

18 cm, 7"

**HADEO**  
INSTRUMENTE GERMANY

Hemilaminectomiespreizer  
Hemilaminectomy Retractor  
Separadores para hemilaminectomía  
Divaricatori per emilaminectomia



**WILLIAMS**  
20 cm, 8"

- |            |          |
|------------|----------|
| 50 x 10 mm | 19750-01 |
| 60 x 10 mm | 19750-02 |
| 70 x 10 mm | 19750-03 |
| 50 x 20 mm | 19750-04 |
| 60 x 20 mm | 19750-05 |
| 70 x 20 mm | 19750-06 |

links  
left  
a la izquierda  
a sinistra



**WILLIAMS**  
20 cm, 8"

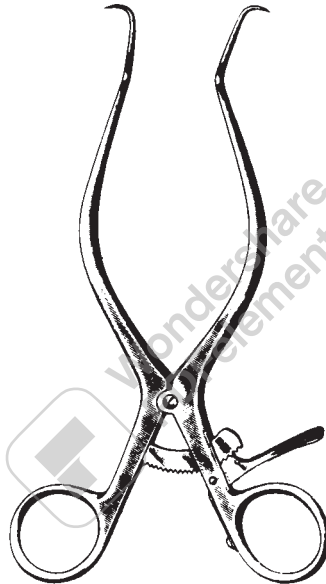
- |            |          |
|------------|----------|
| 50 x 10 mm | 19751-01 |
| 60 x 10 mm | 19751-02 |
| 70 x 10 mm | 19751-03 |
| 50 x 20 mm | 19751-04 |
| 60 x 20 mm | 19751-05 |
| 70 x 20 mm | 19751-06 |

rechts  
right  
a la derecha  
a destra

**HADEO**  
INSTRUMENTE GERMANY

Wundspreizer  
Retractors  
Separadores  
Divaricatori

&lt; 100 mm &gt;

**GELPI**

19802-09	9 cm, 3 1/2"
19802-11	11 cm, 4 3/8"
19802-14	14 cm, 5 1/2"
19802-16	16 cm, 6 1/4"
19802-18	18 cm, 7"

**HADEO**  
INSTRUMENTE GERMANY

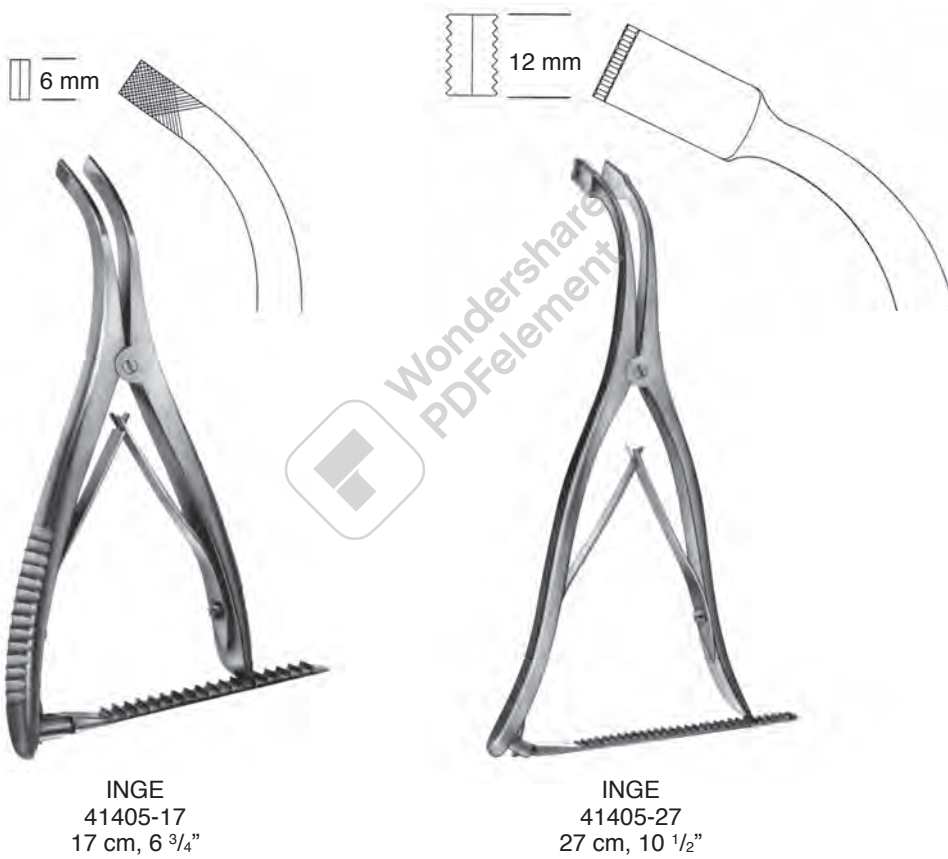
Lamina Spreizer  
Lamina Retractor  
Separadores para vertebrales  
Separatori per vertebre



CLOWARD  
41401-16  
16 cm, 6 1/4"

**HADEO**  
INSTRUMENTE GERMANY

Lamina Spreizer  
Lamina Retractor  
Separadores para vertebrales  
Separatori per vertebre





**HADEO**  
INSTRUMENTE GERMANY

Lamina Spreizer  
Lamina Retractor  
Separadores para vertebrales  
Separatori per vertebre



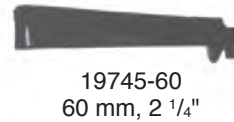
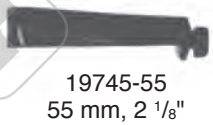
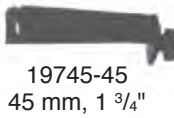
CLOWARD  
41406-01  
12,5 cm, 5"



CLOWARD  
41406-02  
7,6 cm, 3"

**HADEO**  
INSTRUMENTE GERMANY

Lumbal-Wundspreizer  
Lumbal Retractors  
Separadores lumbales autoestáticos  
Divaricatori autostatici lombari



CASPAR  
19744-00  
compl. incl. 7 Blätter  
compl. incl. 7 blades  
completo con 7 valvas  
complete di 7 valve

19744-17  
ohne Blätter  
without blades  
sin valvas  
senza valve

**HADEO**  
INSTRUMENTE GERMANY

Spekula für lumbale Bandscheibenoperationen  
Specula for lumbar operations  
Especulas para operaciones lumbales  
Specolo per ernia discale lombare



CASPAR

19748-40	40 mm / 1 1/2"
19748-45	45 mm / 1 3/4"
19748-50	50 mm / 2"
19748-55	55 mm / 2 1/8"
19748-60	60 mm / 2 1/4"
19748-65	65 mm / 2 1/2"
19748-70	70 mm / 2 3/4"
19748-75	75 mm / 3"
19748-85	85 mm / 3 1/4"



**HADEO**  
INSTRUMENTE GERMANY

Lumbal-Wundspreizer  
Lumbal Retractors  
Separadores lumbales autoestáticos  
Divaricatori autostatici lombari

19726-01 Blätter-Wechselpinzette  
Blade ejector  
Pinza para cambiar hojas  
Pinze per cambiare valve



60 mm



CASPAR

100 mm

19742-35 35 mm  
19742-40 40 mm  
19742-45 45 mm  
19742-50 50 mm  
19742-55 55 mm  
19742-60 60 mm



Valven, lateral / blades, lateral  
valvas, laterales / valve, laterali

19930-00 Gegensperrer, komplett mit 6 Blättern  
Counter Retractor, complete with 6 blades  
Contra-retractor, completo, con 6 hojas  
Divaricatore completo di 6 valve

19930-01 Gegensperrer, alleine  
Counter Retractor, only  
Contra-retractor, suelto  
Divaricatore solo

**HADEO**  
INSTRUMENTE GERMANY**Lumbal-Wundspreizer  
Lumbal Retractors  
Separadores lumbal  
Divaricatore lombare**

19742-35	35 mm / 1 1/4"
19742-40	40 mm / 1 1/2"
19742-45	45 mm / 1 3/4"
19742-50	50 mm / 2"
19742-55	55 mm / 2 1/8"
19742-60	60 mm / 2 1/4"
19742-65	65 mm / 2 1/2"
19742-75	75 mm / 3"
19742-85	85 mm / 3 1/4"

Blätter alleine, lateral  
blades only, lateral  
hojas sueltas, lateral  
valve sole, laterale



19743-35	35 mm / 1 1/4"
19743-40	40 mm / 1 1/2"
19743-45	45 mm / 1 3/4"
19743-50	50 mm / 2"
19743-55	55 mm / 2 1/8"
19743-60	60 mm / 2 1/4"
19743-65	65 mm / 2 1/2"

Blätter alleine, medial  
blades only, medial  
hojas sueltas, medial  
valve sole, mediali

**HADEO**  
INSTRUMENTE GERMANY

Cervicales Wirbelkörper Distraktions System  
Cervical Vertebral Body Distraction System  
Cervical Sistema de distracción vertebral  
Sistema di distrazione vertebrale cervicale



- 19920-01 Distraktor alleine, rechts  
Distractor only, right  
Distractor suelto, lado derecho  
Distrattore solo, a destra
- 19920-02 Distraktor alleine, links  
Distractor only, left  
Distractor suelto, lado izquierdo  
Distrattore solo, a sinistra
- 19930-03 Distraktor alleine, rechts mit verlängerter Führungsstange für mehrere Distraktionen  
Distractor only, right with elongated toothed bar for multilevel distraction  
Distractor suelto, lado derecho, con guía alargada para distracciones multiples  
Distrattore solo, a destra, allungato, per multi-distrazioni
- 19930-02 Distraktor alleine, links  
Distractor only, left  
Distractor suelto, lado izquierdo  
Distrattore solo, a sinistra

**HADEO**  
INSTRUMENTE GERMANY

Cervicales Wirbelkörper Distraktions System  
Cervical Vertebral Body Distraction System  
Cervical Sistema de distracción vertebral  
Sistema di distrazione vertebrale cervicale



19940-01

**19940-01**

Bohrlehre, rechts, für Distraktor 19920-01 + 19930-01  
Drill guide, right, for distractor 19920-01 + 19930-01  
Guía, lado derecho, para distractor 19920-01 + 19930-01  
Guida a destra per distrattore 19920-01 + 19930-01

**19940-02**

Bohrlehre, links, für Distraktor 19920-02 + 19930-02  
Drill guide, left, for distractor 19920-02 + 19930-02  
Guía, lado izquierdo, para distractor 19920-02 + 19930-02  
Guida a sinistra per distrattore 19920-02 + 19930-02

**HADEO**  
INSTRUMENTE GERMANY

Wirbelkörper Distraktions System  
Vertebral Body Distraction System  
Sistema de distracción vertebral  
Sistema di distrazione vertebrale



Bohrer Ø 1,7 mm  
für Distraktionsschrauben  
Bohrtiefe 8 mm  
Twist drill Ø 1,7 mm  
for distraction screws  
drilling depth: 8 mm  
perforador Ø 1,7 mm  
para tornillos de distracción  
profundidad de 8 mm  
perforatore Ø 1,7 mm  
per viti di distrazione  
profondità 8 mm

19950-14  
145 mm  
5 3/4"



Schraubendreher  
für Distraktionsschrauben  
Screw driver  
for distraction screws  
Atornillador  
para tornillos de distracción  
Cacciavite  
per viti di distrazione

19960-20  
200 mm  
8"



19970-12 12 mm  
19970-14 14 mm  
19970-16 16 mm  
19970-18 18 mm

Distraktionsschrauben  
Distraction screws  
Tornillos de distracción  
Vite distrattore



ZANGEN

FORCEPS

PINZAS

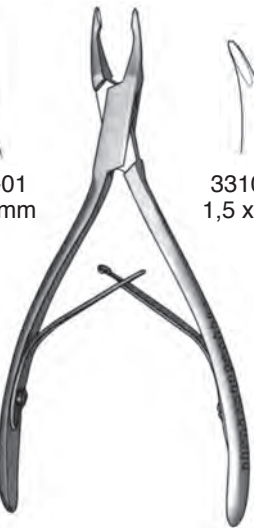
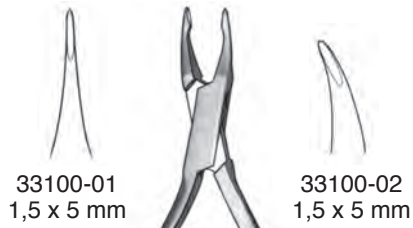
PINZE



[www.hadeo.co](http://www.hadeo.co)

**HADEO**  
INSTRUMENTE GERMANY

Hohlmeißelzangen  
Bone Rongeurs  
Pinzas-gubias  
Pinze sgorbie



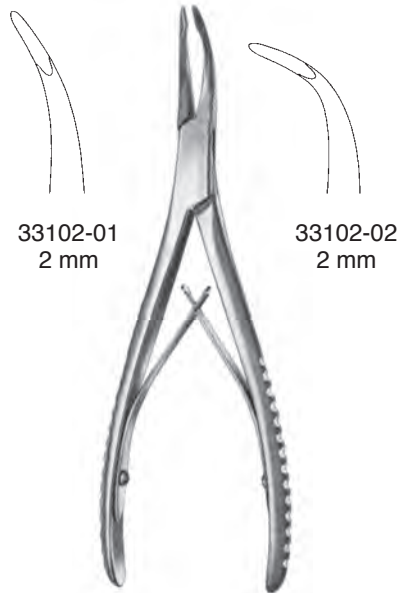
**MICRO FRIEDMAN**  
14 cm, 5 1/2"



**FRIEDMAN Mini**  
33101-12 12 cm, 4 3/4"



**FRIEDMAN**  
33101-14 14 cm, 5 1/2"



**STELLBRINK**  
17 cm, 6 3/4"

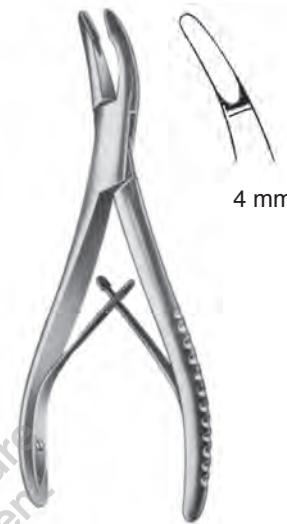
**HADEO**  
INSTRUMENTE GERMANY

Hohlmeißelzangen  
Bone Rongeurs  
Pinzas-gubias  
Pinze sgorbie



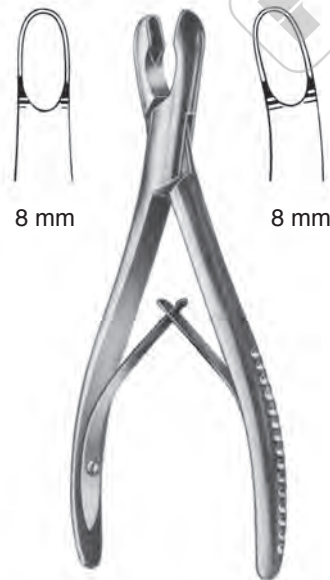
4,5 mm

LUER  
33131-15 15 cm, 5.9"



4 mm

LUER  
33133-15 15 cm, 5.9"



8 mm

8 mm

LUER  
33136-17 33137-17  
17 cm, 6 3/4"



9 mm

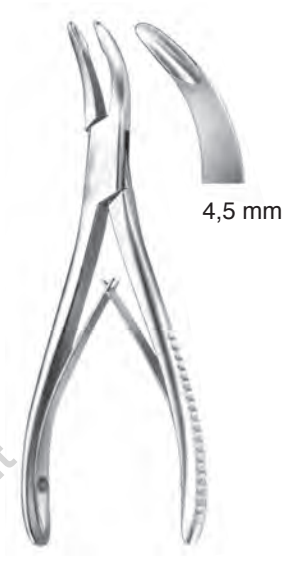
ADSON  
33142-20 33143-20  
20 cm, 7.9"

**HADEO**  
INSTRUMENTE GERMANY

Hohlmeißelzangen  
Bone Rongeurs  
Pinzas-gubias  
Pinze sgorbie



**OLIVECRONA**  
33147-20 20 cm, 7.9"



**BANE-HARTMANN**  
33148-18 17,5 cm, 7"



**LEMPERT**  
33150-16 33151-16  
16 cm, 6 1/4"



**JANSEN**  
33152-17 33153-17  
17 cm, 6 3/4"

**HADEO**  
INSTRUMENTE GERMANY

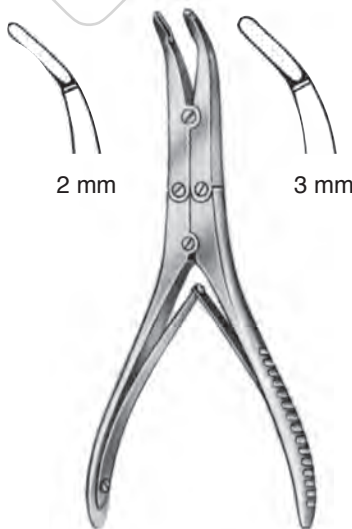
Hohlmeißelzangen  
Bone Rongeurs  
Pinzas-gubias  
Pinze sgorbie



LEMPERT  
33154-18 33155-18  
18,5 cm, 7 1/4"



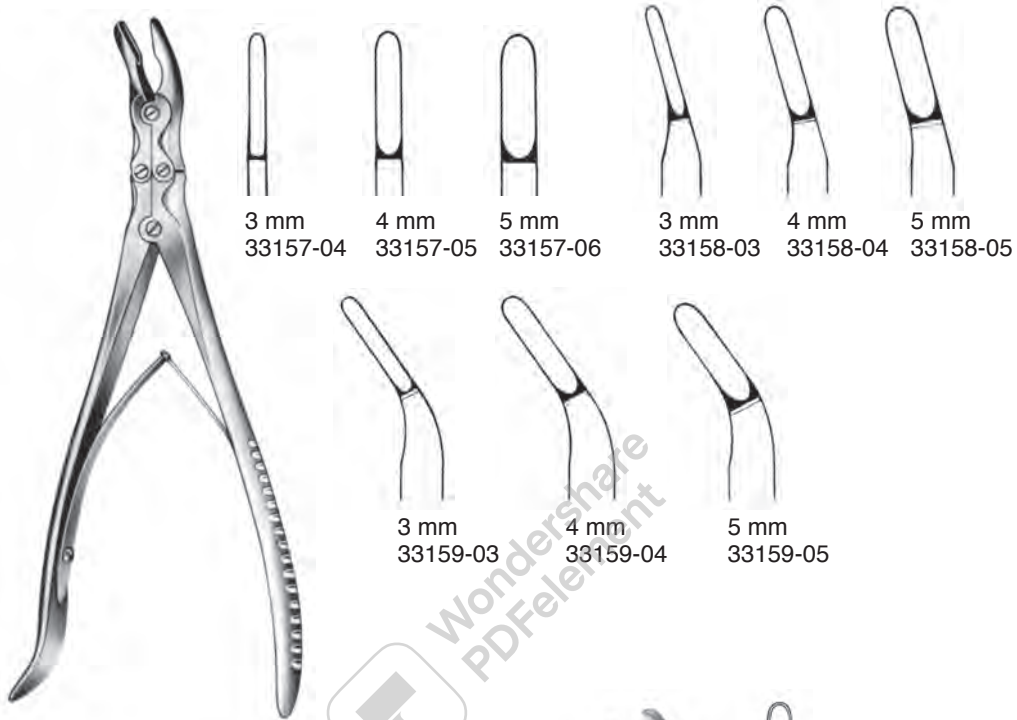
BEYER  
33156-18  
18 cm, 7"



KLEINERT-KUTZ  
33157-02 33157-03  
15 cm, 6"

**HADEO**  
INSTRUMENTE GERMANY

Hohlmeißelzangen  
Bone Rongeurs  
Pinzas-gubias  
Pinze sgorbie



3 mm 33157-04    4 mm 33157-05    5 mm 33157-06    3 mm 33158-03    4 mm 33158-04    5 mm 33158-05

3 mm 33159-03    4 mm 33159-04    5 mm 33159-05

**SMITH-PETERSEN**  
24 cm, 9 1/2"



**BACON**  
33159-20  
20 cm, 8"

**HADEO**  
INSTRUMENTE GERMANY

Hohlmeißelzangen  
Bone Rongeurs  
Pinzas-gubias  
Pinze sgorbie



BEYER  
33201-18  
18 cm, 7"



MAYFIELD  
33202-18  
18 cm, 7"



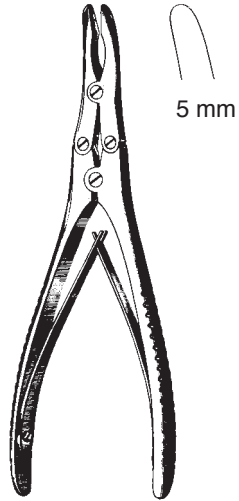
ZAUFAL-JANSEN  
33205-18  
18 cm, 7"



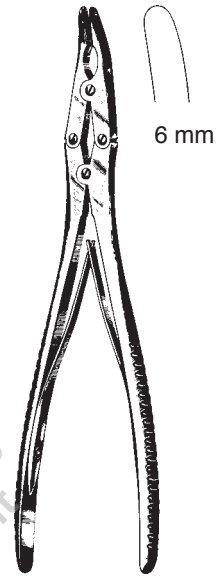
— BÖHLER —  
33211-15 33213-15  
15 cm, 6"

**HADEO**  
INSTRUMENTE GERMANY

Hohlmeißelzangen  
Bone Rongeurs  
Pinzas-gubias  
Pinze sgorbie



— RUSKIN —  
33216-18 33217-18  
18 cm, 7"



RUSKIN  
33219-23 23 cm, 9"

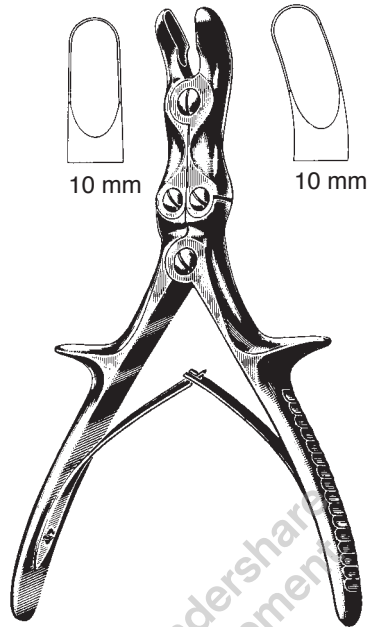


MARQUARDT  
33220-20 20 cm, 8"



**HADEO**  
INSTRUMENTE GERMANY

Hohlmeißelzangen  
Bone Rongeurs  
Pinzas-gubias  
Pinze sgorbie

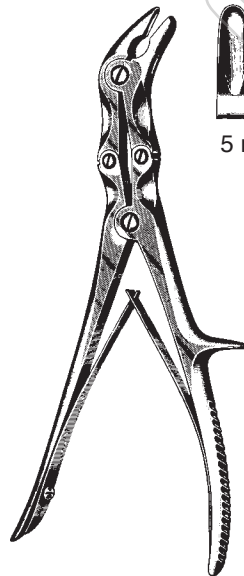


10 mm

10 mm

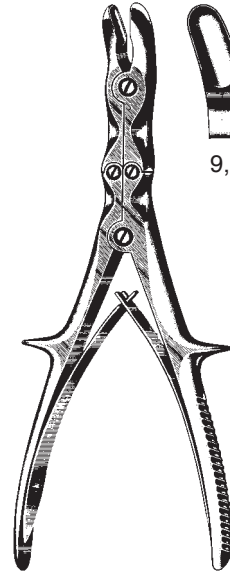
STILLE-LUER

33230-22	22 cm, 8 3/4"	33231-22
33230-26	26 cm, 10 1/4"	33231-26



5 mm

STILLE-LUER  
33235-23  
23 cm, 9"

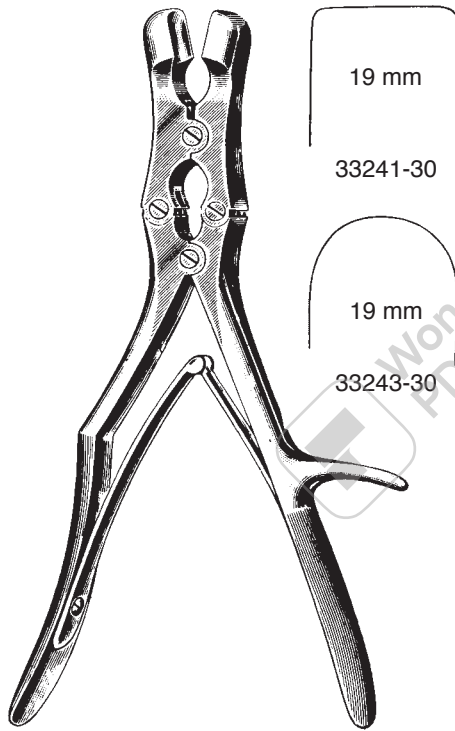


9,5 mm

STILLE-RUSKIN  
33237-23  
23 cm, 9"

**HADEO**  
INSTRUMENTE GERMANY

Hohlmeißelzangen  
Bone Rongeurs  
Pinzas-gubias  
Pinze sgorbie



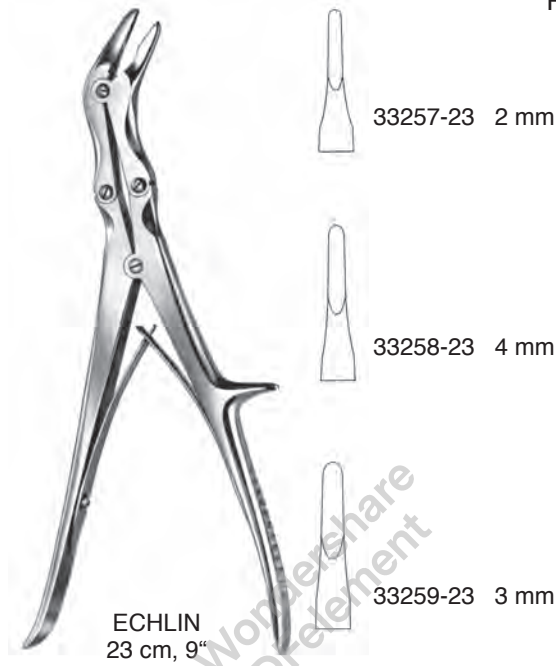
**SAUERBRUCH**  
30 cm, 10 3/4"



**LEKSELL (STILLE)**  
23 cm, 9"

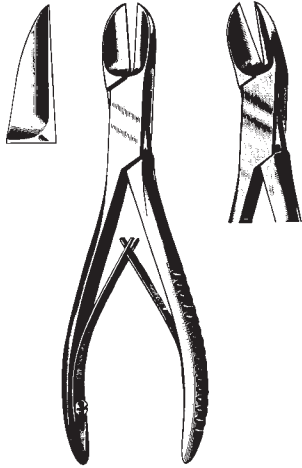
**HADEO**  
INSTRUMENTE GERMANY

Hohlmeißelzangen  
Bone Rongeurs  
Pinzas-gubias  
Pinze sgorbie



**HADEO**  
INSTRUMENTE GERMANY

Knochensplitterzangen  
Bone Cutting Forceps  
Pinzas cortantes para huesos  
Cesoie per ossa



**LISTON**  
33274-14 14 cm, 5 1/2" 33275-14  
33274-17 17 cm, 6 3/4" 33275-17  
33274-19 19 cm, 7 1/2" 33275-19



**BÖHLER**  
33280-15 33281-15  
15 cm, 6"



**COTTLE-KAZANJIAN**  
33282-19  
19 cm, 7 1/2"



**MC INDOE**  
33283-17  
17 cm, 6 3/4"



**STAMM**  
33284-15  
15 cm, 6"



**RUSKIN-LISTON**  
33286-18 33289-18  
18 cm, 7"

**HADEO**  
INSTRUMENTE GERMANY

Knochensplitterzangen  
Bone Cutting Forceps  
Pinzas cortantes para huesos  
Cesoie per ossa



**STILLE-LISTON**  
33290-23 23 cm, 9" 33291-23  
33290-27 27 cm, 10 1/2" 33291-27



**STILLE-LISTON**  
33292-26  
26 cm, 10 1/4"



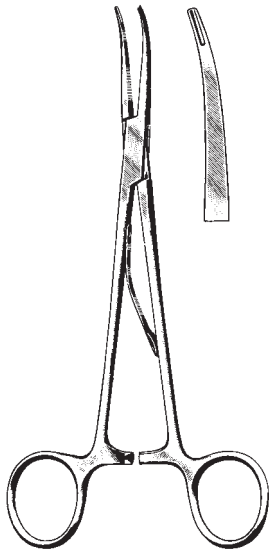
**STILLE-HORSLEY**  
33293-27  
27 cm, 10 1/2"



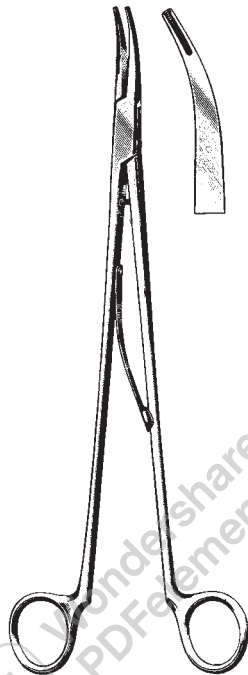
**SEMB**  
33295-24  
24 cm, 9 1/2"

**HADEO**  
INSTRUMENTE GERMANY

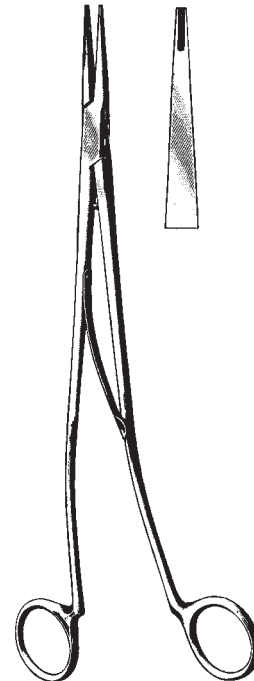
Anlegezangen, Klammerblock  
Applying Forceps, Clip Rack  
Pinzas aplicadoras, riel para grapas  
Pinza per applicare, porta-fermagli



**McKENZIE**  
41011-15 15 cm, 6"  
41011-19 19 cm, 7 1/2"



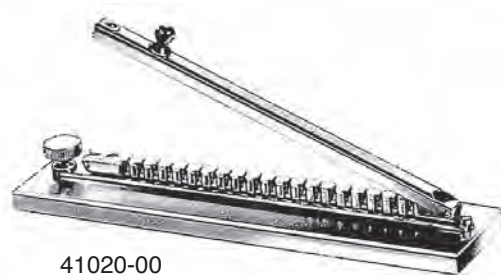
**SMITHWICK**  
41015-23 23 cm, 9"  
41015-26 26 cm, 10 1/4"



**SWEET**  
41017-23 23 cm, 9"  
41017-26 26 cm, 10 1/4"



**OLIVECRONA-TOENNIS**  
41019-14



**41020-00**  
148 x 40 x 6 mm

SCHÄDELHALTER  
DRAHTSÄGEN  
TREPINEN

SKULL HOLDER  
WIRE SAWS  
TREPINE

CRÁNEO TITULAR  
ALAMBRE DE SIERRAS  
TREPANO

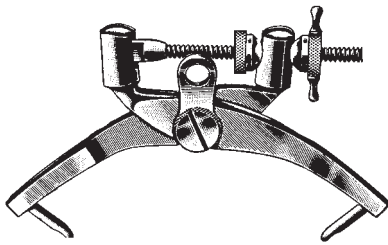
SKULL TITOLARE  
SEGHE A FILO  
TRAPANO

**HADEO**  
STRUMENTE GERMANY

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**HADEO**  
INSTRUMENTE GERMANY

Schädelhalter, Kopfhautklammer, Anlegezange  
Cervical Traction Tongs, Clips, Applying Forceps  
Pinzas de tracción craneal, Clips, pinza aplicadora para clips  
Arco per trazione craniale, Pinza applicatrice



CRUTCHFIELD  
41025-01



CRUTCHFIELD  
41025-02



41026-35  
3,5 mm Ø

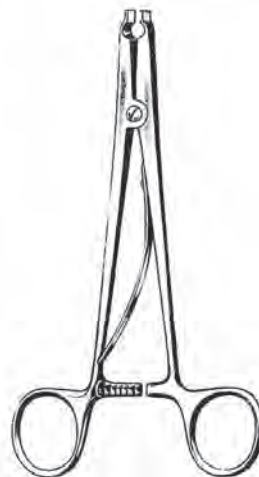


41026-50  
5 mm Ø

Stainless steel  
Acciaio inox  
acero inoxidable



RANEY  
41027-00



RANEY  
41028-00 16 cm, 6 1/4"

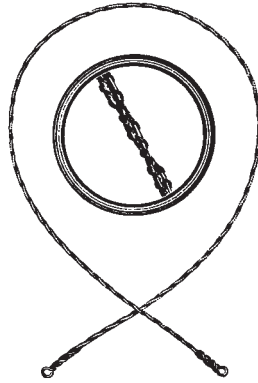


**HADEO**  
INSTRUMENTE GERMANY

Drahtsägen, Einführungsinstrument  
Wire Saws, Guiding Instruments  
Sierras de hilo de metal, Instrumentos para su introducción  
Seghe di filo d'acciaio, Strumenti introduttori



DeMARTEL  
41090-33  
33 cm, 13"



OLIVECRONA	cm	
41092-30	30,	11 3/4"
41092-40	40,	15 3/4"
41092-50	50,	19 3/4"
41092-60	60,	23 3/4"
41092-70	70,	27 1/2"



GIGLI STRULLY  
41093-00



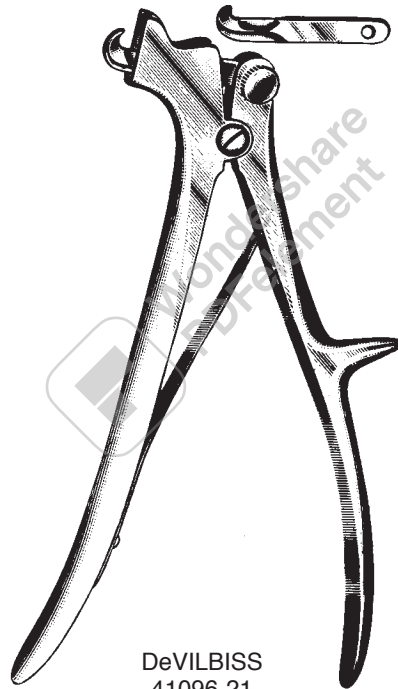
GIGLI  
41094-00



HADEO  
41095-00

**HADEO**  
INSTRUMENTE GERMANY

Schädelzange  
Skull Punches  
Pinzas sacabocado craneal  
Pinza per craniotomia



DeVILBISS  
41096-21  
21 cm, 8 1/4"

**HADEO**  
INSTRUMENTE GERMANY

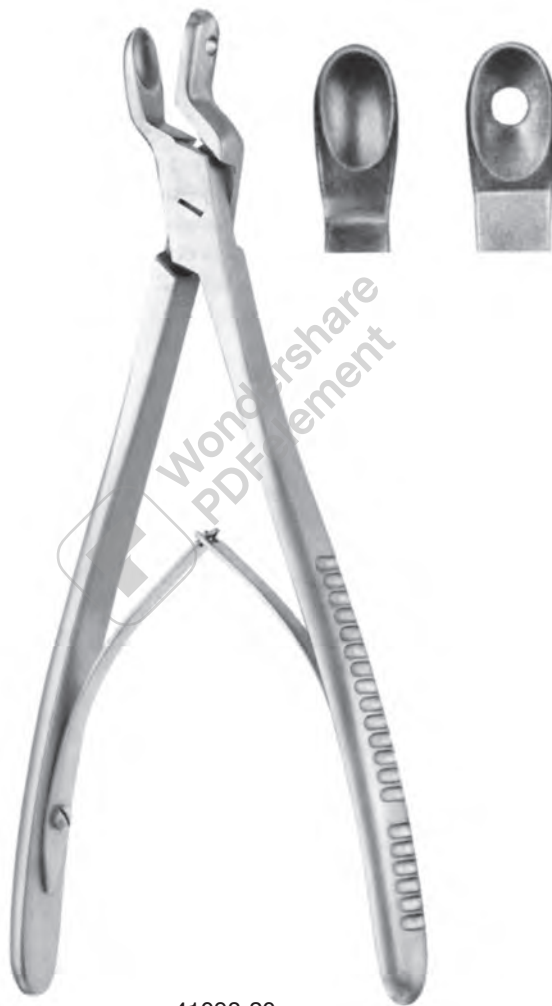
Schädelstanze  
Cranial Punch  
Pinzas sacabocado craneal  
Pinza per craniotomia



CONE  
41097-22  
22,5 cm 9"

**HADEO**  
INSTRUMENTE GERMANY

Bohrloch-Schutzzange  
Bore hole protection Forceps  
Pinzas para la protección de orificio  
Pinze per la protezione del foro



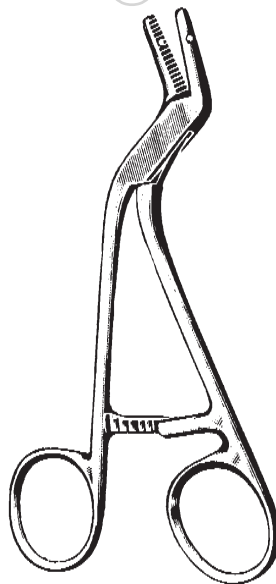
41098-20  
20,5 cm 8"

**HADEO**  
INSTRUMENTE GERMANYSchädeltrephine  
Skull Trephine  
Trépanos craneales  
Trapano cranicoSchädeltrephine mit verstellbarem Dorn  
und abnehmbarem Quergriff  
Skull trephines with adjustable centering point  
and detachable cross-bar handle  
Trépano craneal con guía-central ajustable  
y mango transversal desmontable  
Trapano cranico con punta regolabile  
e manico trasversale smontabile

GALT

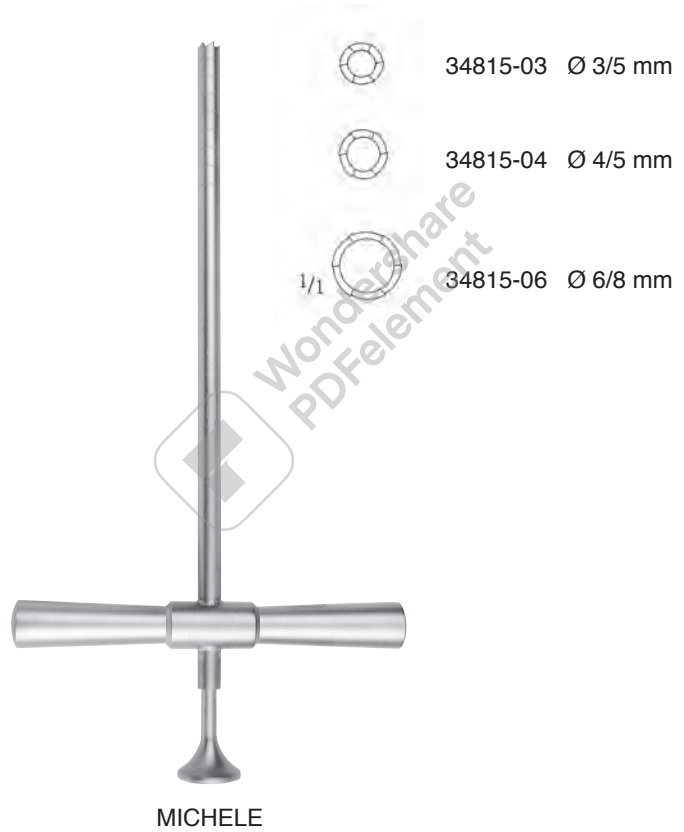
34816-13 Ø 13 mm  
34816-16 Ø 16 mm  
34816-19 Ø 19 mm

Bohrlochzange

Drill Guide and Dura Protecting Forceps  
Pinza guía taladros y protectora de duramadre  
Pinze guida-perforatore e proteggi dura-madreADSON  
34231-15  
15 cm, 6"



Trephine  
Trephine  
Trepano  
Punta trapano



LÖFFEL, MEISSEL

CURETTES, CHISELS

CUCHARILLAS, CINCELES

CUCCHIAI, SCALPELLI

**HADEO**  
INSTRUMENTE GERMANY

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**HADEO**  
INSTRUMENTE GERMANY

Scharfe Löffel  
Bone Currettes  
Cucharillas cortantes  
Curette taglienti

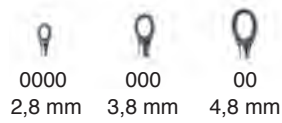


Fig.	
0000	33469-96
000	33469-97
00	33469-98
0	33470-00
1	33470-01
2	33470-02
3	33470-03
4	33470-04
5	33470-05
6	33470-06



**VOLKMANN**  
17 cm, 6 3/4"

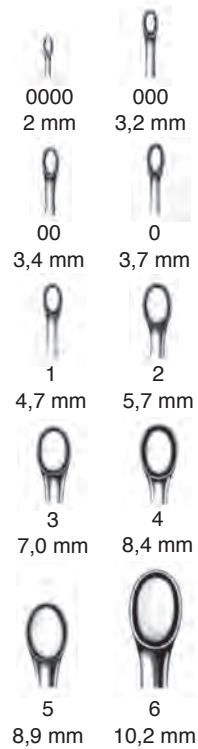


Fig.	
0000	33474-96
000	33474-97
00	33474-98
0	33475-00
1	33475-01
2	33475-02
3	33475-03
4	33475-04
5	33475-05
6	33475-06



**SPRATT**  
17 cm, 6 3/4"



**HADEO**  
INSTRUMENTE GERMANY

Scharfe Löffel  
Bone Currettes  
Cucharillas cortantes  
Curette taglienti



COBB  
27,9 cm 11"

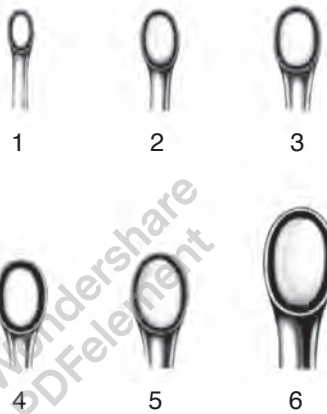
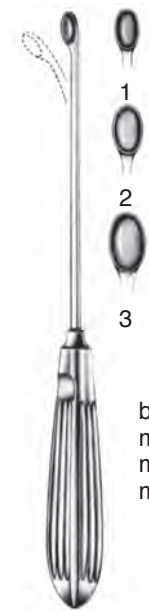


Fig.		
1	33473-01	3,5 mm
2	33473-02	4,5 mm
3	33473-03	5,5 mm
4	33473-04	7,5 mm
5	33473-05	8,5 mm
6	33473-06	10,0 mm

**HADEO**  
INSTRUMENTE GERMANY

Scharfe Löffel  
Bone Currettes  
Cucharillas cortantes  
Curette taglienti



- Fig.  
1 33476-01 4,8 mm  
2 33476-02 5,8 mm  
3 33476-03 6,8 mm

biegsam  
malleable  
maleable  
malleabile

HALLE  
21 cm, 8 1/4"



- Fig.  
000 33476-98 2,8 mm  
00 33476-99 3,3 mm  
0 33477-00 3,7 mm  
1 33477-01 4,3 mm  
2 33477-02 4,8 mm  
3 33477-03 5,6 mm  
4 33477-04 6,1 mm  
5 33477-05 6,7 mm  
6 33477-06 8,8 mm

SPINAL  
20 cm, 8"

**HADEO**  
INSTRUMENTE GERMANY

Scharfe Löffel  
Bone Currettes  
Cucharillas cortantes  
Curette taglianti

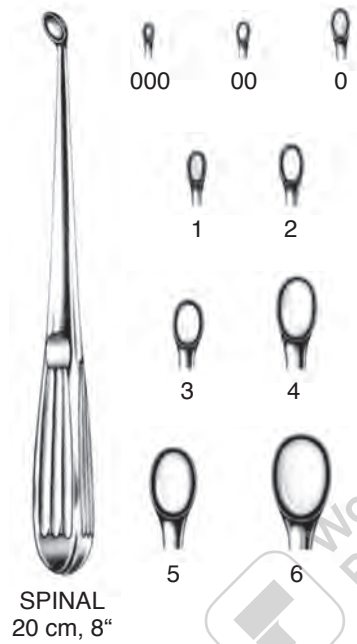


Fig.	Code	Tip Size
000	33478-98	2,8 mm
00	33478-99	3,3 mm
0	33479-00	3,7 mm
1	33479-01	4,3 mm
2	33479-02	4,8 mm
3	33479-03	5,6 mm
4	33479-04	6,1 mm
5	33479-05	6,7 mm
6	33479-06	8,8 mm



33482-01	4,7 mm
33482-02	4,7 mm
33482-03	4,7 mm

SCOVILLE  
25 cm, 10"

**HADEO**  
INSTRUMENTE GERMANY

Scharfe Löffel  
Bone Currettes  
Cucharillas cortantes  
Curette taglienti

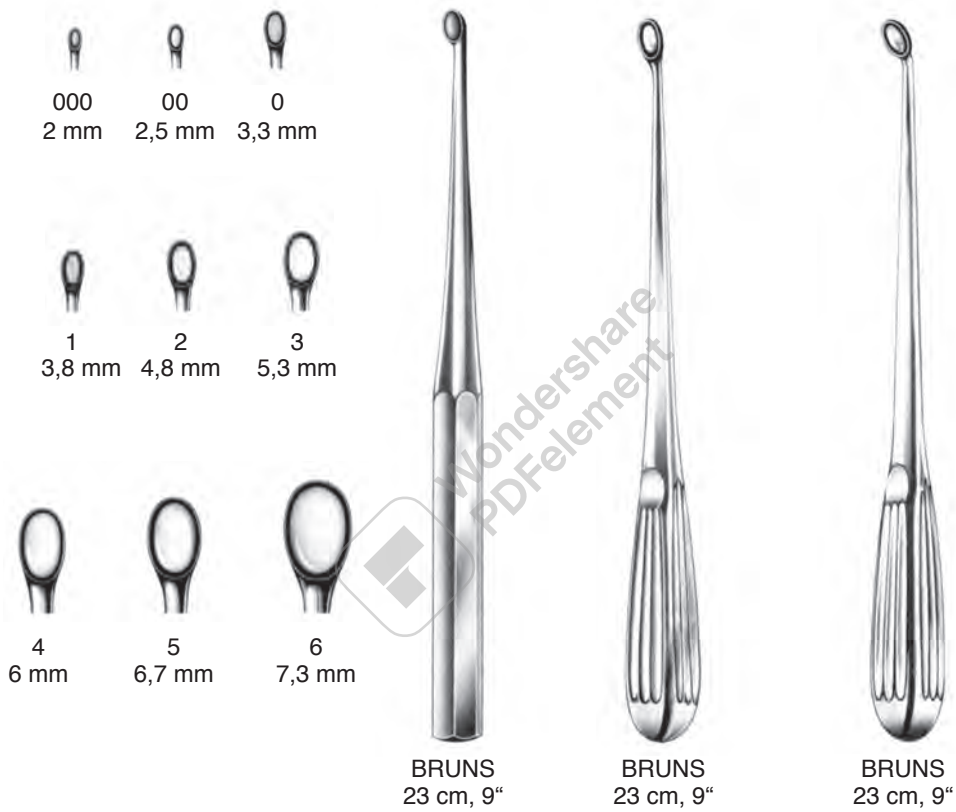


Fig.	33480-97	33482-97	2,8 mm	33484-97	2,8 mm
000	33480-98	33482-98	3,3 mm	33484-98	3,3 mm
0	33481-00	33483-00	3,7 mm	33485-00	3,7 mm
1	33481-01	33483-01	4,3 mm	33485-01	4,3 mm
2	33481-02	33483-02	4,8 mm	33485-02	4,8 mm
3	33481-03	33483-03	5,6 mm	33485-03	5,6 mm
4	33481-04	33483-04	6,1 mm	33485-04	6,1 mm
5	33481-05	33483-05	6,7 mm	33485-05	6,7 mm
6	33481-06	33483-06	8,8 mm	33485-06	8,8 mm

**HADEO**  
INSTRUMENTE GERMANY

Scharfe Löffel  
Bone Currettes  
Cucharillas cortantes  
Curette taglianti



DAUBENSPECK  
20 cm, 8"

Fig.	00	33487-99
	0	33488-00
	1	33488-01
	2	33488-02

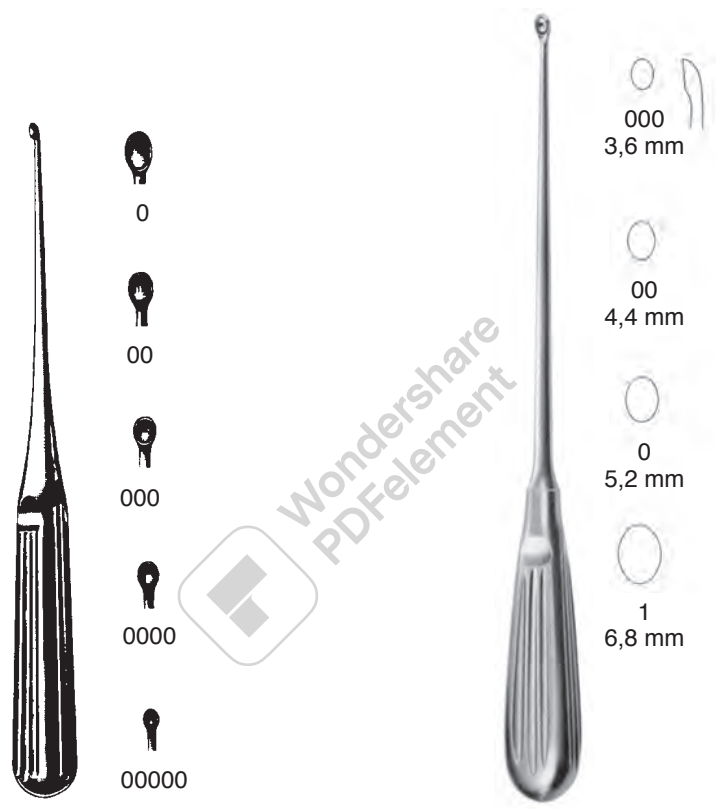


27 cm, 10 1/2"

Fig.	0	33489-00
	1	33489-01
	2	33489-02
	3	33489-03



Scharfe Löffel  
 Bone Currettes  
 Cucharillas cortantes  
 Curette taglienti



LEMPERT  
 17,5 cm, 7"

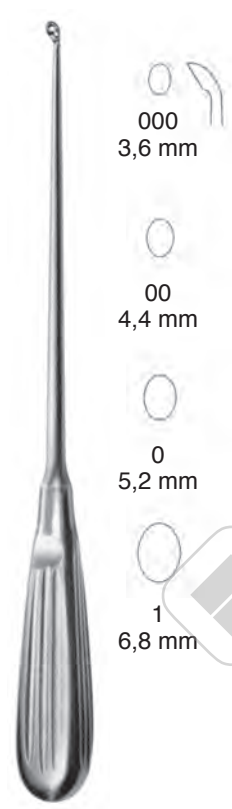
HADEO  
 25 cm, 10"

Fig. 0	33490-10	3,3 mm
00	33490-20	3,0 mm
000	33490-30	2,7 mm
0000	33490-40	2,4 mm
00000	33490-50	2,0 mm

Fig. 000	33491-01
00	33491-02
0	33491-03
1	33491-04

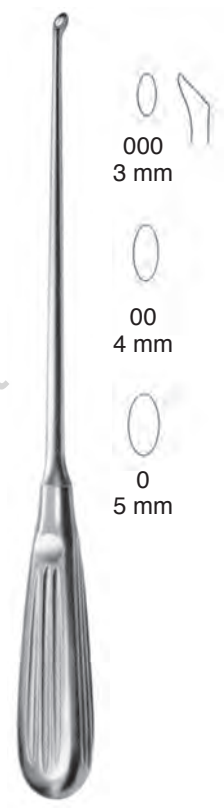


Scharfe Löffel  
Bone Currettes  
Cucharillas cortantes  
Curette taglienti



HADEO  
25 cm, 10"

- Fig. 000 33491-05
- 00 33491-06
- 0 33491-07
- 1 33491-08

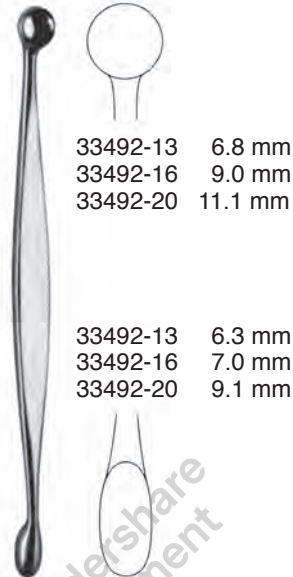


BUSHE  
25 cm, 10"

- Fig. 000 33500-01
- 00 33500-02
- 0 33500-03

**HADEO**  
INSTRUMENTE GERMANY

Scharfe Löffel  
Bone Currettes  
Cucharillas cortantes  
Curette taglienti



33492-13 6.8 mm  
33492-16 9.0 mm  
33492-20 11.1 mm

33492-13 6.3 mm  
33492-16 7.0 mm  
33492-20 9.1 mm

**VOLKMANN**

33492-13 13 cm, 5 1/8"  
33492-16 16 cm, 6 1/4"  
33492-20 20 cm, 8"



33494-13 6.4 mm  
33494-14 6.6 mm  
33494-17 6.8 mm

33494-13 6.3 mm  
33494-14 6.9 mm  
33494-17 7.3 mm

**VOLKMANN**

33494-13 13 cm, 5 1/8"  
33494-14 14 cm, 5 1/2"  
33494-17 17 cm, 6 3/4"



5.2 mm

3.5 mm

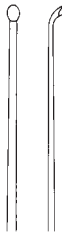
**JANSEN**

33495-16  
16 cm, 6 1/4"

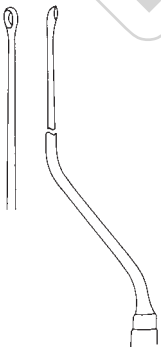


**HADEO**  
INSTRUMENTE GERMANYMikro-Löffel  
Micro Scoops  
Micro-cucharillas  
Micro curette

93430-01 230 mm / 9"  
scharf  
sharp  
cortante  
tagliente



93430-02 230 mm / 9"  
scharf  
sharp  
cortante  
tagliente



93430-03 185 mm / 7 1/4" YASARGIL  
scharf  
sharp  
cortante  
tagliente

**HADEO**  
INSTRUMENTE GERMANY

Knochenspanhalter und Einsetzinstrument  
Bone graft holder and impactor  
Injerto óseo titular y impactador  
Sostegno osseo e impattatore



CASPAR  
33508-22  
220 mm, 8 3/4"

**HADEO**  
INSTRUMENTE GERMANY

Stößel  
Hemostats  
Hemostáticos  
Pistoni



CASPAR  
200 mm, 8"

- 33509-03  
Ø 3 mm
- 33509-05  
Ø 5 mm
- 33509-08  
Ø 8 mm



200 mm, 8"

- 33510-12  
Ø 12 mm
- 33510-14  
Ø 14 mm
- 33510-16  
Ø 16 mm

**HADEO**  
INSTRUMENTE GERMANY

Flachmeißel, Osteotome, Hohlmeißel  
Chisels, Osteotomes, Gouges  
Cinceles, Osteotomos, Gubias  
Scalpelli, Osteotomi, sgorbie



STILLE  
20 cm, 8"

STILLE  
20 cm, 8"

6 mm	33630-06	
8 mm	33630-08	
10 mm	33630-10	33631-10
12 mm	33630-12	33631-12
15 mm	33630-15	33631-15
20 mm	33630-20	33631-20
25 mm	33630-25	33631-25
30 mm	33630-30	33631-30



STILLE  
20 cm, 8"

STILLE  
20 cm, 8"

STILLE  
20 cm, 8"

6 mm	33632-06	33633-06	33634-06
8 mm	33632-08	33633-08	33634-08
10 mm	33632-10	33633-10	33634-10
12 mm	33632-12	33633-12	33634-12
15 mm	33632-15	33633-15	33634-15
20 mm	33632-20	33633-20	33634-20
25 mm	33632-25	33633-25	33634-25
30 mm	33632-30	33633-30	33634-30

**HADEO**  
 INSTRUMENTE GERMANY

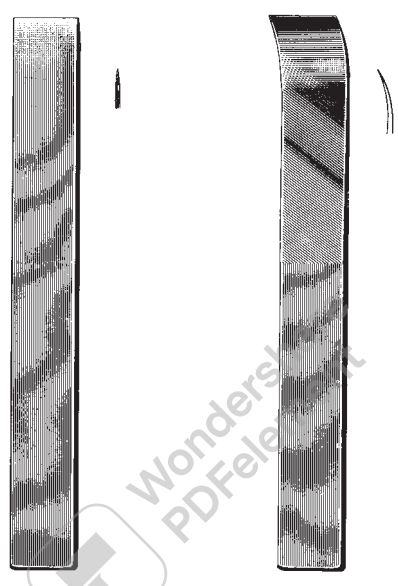
 Osteotome, Hohlmeißel  
 Osteotomes, Gouges  
 Osteotomos, Gubias  
 Osteotomi, sgorbie

 SMITH-PETERSEN  
 20 cm, 8"

6 mm	33644-06	33645-06	33647-06	
9 mm	33644-09	33645-09	33647-09	33649-09
13 mm	33644-13	33645-13		
14 mm			33647-14	33649-14
16 mm	33644-16	33645-16	33647-16	33649-16
19 mm	33644-19	33645-19	33647-19	33649-19
25 mm	33644-25	33645-25	33647-25	33649-25
32 mm	33644-32	33645-32	33647-32	33649-32



Osteotome  
 Osteotomes  
 Osteotomos  
 Osteotomi

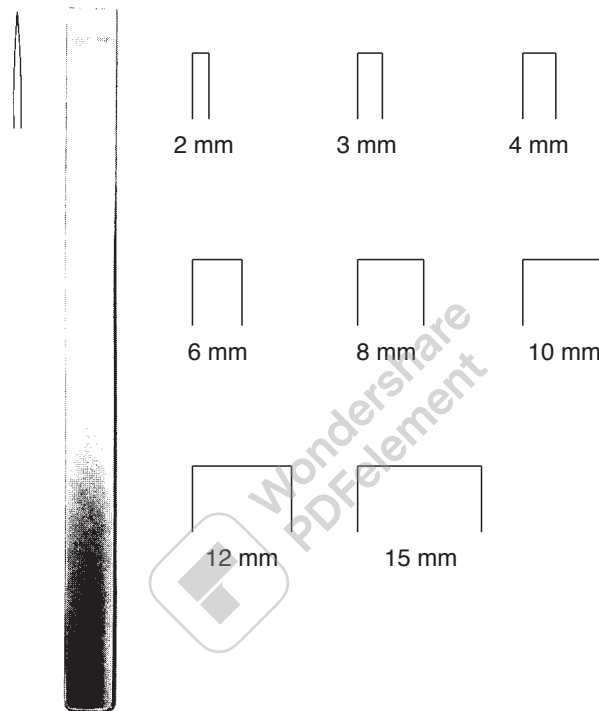


LAMBOTTE

24 cm, 9 1/2"		23 cm, 9"
33650-04	4 mm	33651-04
33650-06	6 mm	33651-06
33650-08	8 mm	33651-08
33650-10	10 mm	33651-10
33650-13	13 mm	33651-13
33650-16	16 mm	33651-16
33650-18	18 mm	33651-18
33650-20	20 mm	33651-20
33650-25	25 mm	33651-25
33650-30	30 mm	33651-30
33650-38	38 mm	33651-38
33650-44	44 mm	33651-44
33650-50	50 mm	33651-50

**HADEO**  
INSTRUMENTE GERMANY

Osteotome  
Osteotomes  
Osteotomos  
Mini Osteotomi



MINI-LAMBOTTE		
12,5 cm, 5"		17 cm, 6 3/4"
33654-02	2 mm	33652-02
33654-03	3 mm	33652-03
33654-04	4 mm	33652-04
33654-06	6 mm	33652-06
33654-08	8 mm	33652-08
33654-10	10 mm	33652-10
33654-12	12 mm	33652-12
33654-15	15 mm	33652-15



Hohlmeißel mit Ferrozellgriff  
Gouges with Ferrozell-Handle  
Gubias con mango de Ferrozell  
Sgorbie con manico di Ferrozell

8 mm



COBB  
28 cm, 11"  
33656-28

8 mm



COBB  
28 cm, 11"  
33657-28

8 mm



COBB  
28 cm, 11"  
33658-28

8 mm



COBB  
28 cm, 11"  
33659-28

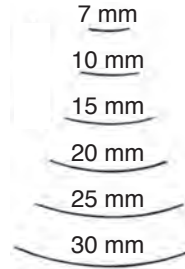
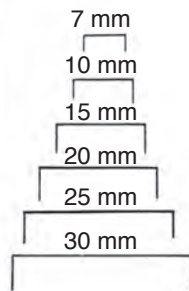


**HADEO**  
INSTRUMENTE GERMANY

Osteotome, Hohlmeißel mit Ferrozell-Griff  
Osteotomes, Gouges with Ferrozell-Handle  
Osteotomos, Gubias con mango de Ferrozell  
Sgorbie, Osteotomo, con manico di Ferrozell



**LEXER**  
22 cm, 8 3/4"



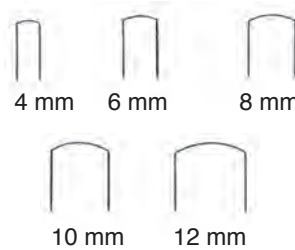
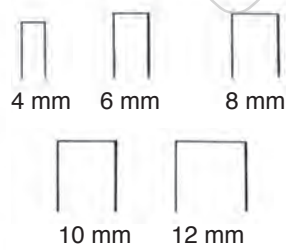
33660-07	7 mm	33661-07
33660-10	10 mm	33661-10
33660-15	15 mm	33661-15
33660-20	20 mm	33661-20
33660-25	25 mm	33661-25
33660-30	30 mm	33661-30



**LEXER**  
22 cm, 8 3/4"



**LEXER MINI**  
18 cm, 7"



33664-04	4 mm	33665-04
33664-06	6 mm	33665-06
33664-08	8 mm	33665-08
33664-10	10 mm	33665-10
33664-12	12 mm	33665-12



**LEXER MINI**  
18 cm, 7"

**HADEO**  
INSTRUMENTE GERMANY

Flachmeißel, Hohlmeißel  
Chisels, Gouges  
Cinceles, Gubias  
Scalpelli, sgorbie



20 mm

33665-24  
24,5 cm, 9 3/4"



16 mm

33665-26  
26,5 cm, 10 1/2"



ZIELKE  
23 cm, 9"  
33665-55 5,5 mm  
33665-90 9,0 mm



9 mm

33666-22  
22 cm, 8 3/4"

**HADEO**  
INSTRUMENTE GERMANY

Meißel  
Gouges  
Gubias  
Sgorbie

Wirbelsäulenmeißel  
Lamina gouge  
Gubias para la columna vertebral  
Sgorbie per la colonna vertebrale



23,5 cm, 9 1/4"  
33667-06 6 mm  
33667-08 8 mm  
33667-11 11 mm  
33667-16 16 mm

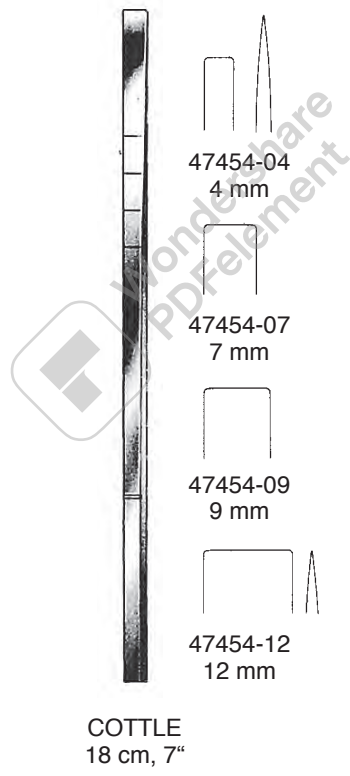
Hohlmeißel mit NOVOTEX-Griff  
Gouges with NOVOTEX-Handle  
Gubias con mango de NOVOTEX  
Sgorbie con manico di NOVOTEX



25 cm, 10"  
33669-05 5 mm 33670-05  
33669-10 10 mm 33670-10  
33669-15 15 mm 33670-15



Septum Osteotom  
Rhinoplastic Osteotome  
Osteotomos para la plástica nasal  
Osteotomo per plastica nasale



ELEVATORIEN  
RASPATORIEN  
DISSEKTOREN

ELEVATORS  
RASPATORIES  
DISSECTORS

ELEVADORES  
PERIOSTÓTOMOS  
DISECTORES

ELEVATORI  
PERIOSTOTOMI  
DISSETTORI

**HADEO**  
STRUMENTE GERMANY

[www.hadeo.co](http://www.hadeo.co)



**HADEO**  
INSTRUMENTE GERMANY

Elevatoren, Raspatorien, Dissektoren  
Elevators, Raspatories, Dissectors  
Elevadores, Periostótomos, Disectores  
Elevatori, Periostotomi, Dissettori

15 mm



JANSEN  
33701-16  
16,5 cm, 6 1/2"

12,5 mm



FARABEUF  
33702-15  
15 cm, 5.9"

12,5 mm



FARABEUF  
33703-15  
15 cm, 5.9"

11 mm

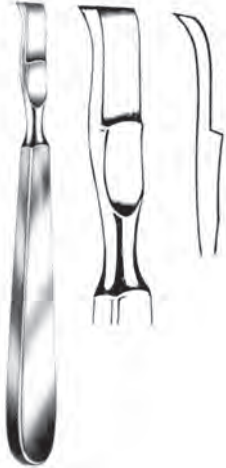


FARABEUF-COLLIN  
33704-01  
15,5 cm, 6"

**HADEO**  
INSTRUMENTE GERMANY

Elevatoren, Raspatorien, Dissektoren  
Elevators, Raspatories, Dissectors  
Elevadores, Periostótomos, Disectores  
Elevatori, Periostotomi, Dissettori

11 mm



**FARABEU-FOLLIN**  
33704-02  
15,5 cm, 6"



**LAMBOTTE**  
21 cm, 8 1/4"  
33705-05 5 mm  
33705-10 10 mm  
33705-15 15 mm  
33705-20 20 mm  
33705-25 25 mm

18 mm



**SEDILLOT**  
33706-18  
18 cm, 7"

6 mm



**CUSHING  
(LITTLE-JOKER)**  
33707-15  
15 cm, 5.9"

**HADEO**  
INSTRUMENTE GERMANY

Elevatoren, Raspatorien, Dissektoren  
Elevators, Raspatories, Dissectors  
Elevadores, Periostótomos, Disectores  
Elevatori, Periostotomi, Dissettori

5 mm



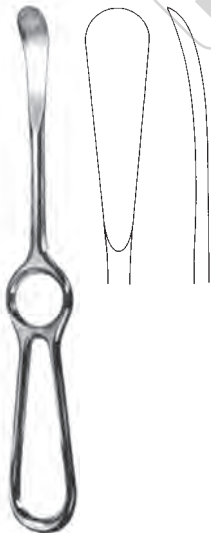
SEBILLEAU  
33707-17  
17,5 cm, 7"

6 mm



QUERVAIN  
33708-19  
19,5 cm, 7 3/4"

15 mm



SEDILLOT  
33709-21  
21 cm, 8 1/4"

33710-01  
15 mm

33710-02  
16 mm



CUSHING  
18 cm, 7"





Elevatorien, Raspatorien, Dissektoren  
 Elevators, Raspatories, Dissectors  
 Elevadores, Periostótomos, Disectores  
 Elevatori, Periostotomi, Dissettori

halbscharf  
 semi-sharp  
 semi agudo  
 semiacuto



HOEN  
 18 cm, 7"

7 mm



33710-07

15 mm



33710-15

20 mm



33710-20

16 mm



LANGENBECK  
 33710-19  
 19 cm, 7 1/2"

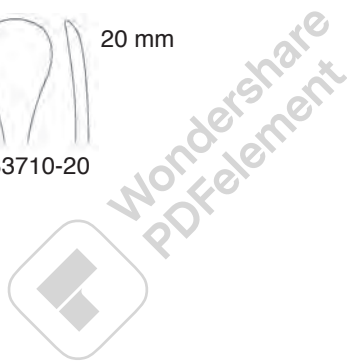
14 mm



LANGENBECK  
 33711-18  
 18 cm, 7"



LANGENBECK  
 20 cm, 8"  
 33711-20 8 mm  
 33711-21 10 mm



**HADEO**  
INSTRUMENTE GERMANY

Elevatoren, Raspatorien, Dissektoren  
Elevators, Raspatories, Dissectors  
Elevadores, Periostótomos, Disectores  
Elevatori, Periostotomi, Dissettori

4 mm



WILLIGER  
33711-16  
16 cm, 6 1/4"

6,5 mm



WILLIGER  
33712-16  
16 cm, 6 1/4"

5 mm



WILLIGER  
33713-16  
16 cm, 6 1/4"

5,5 mm



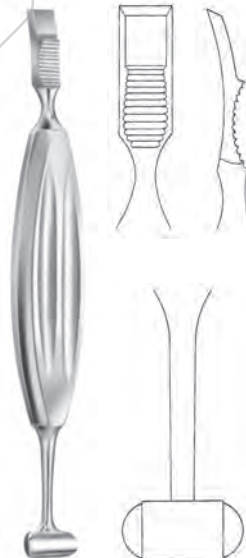
WILLIGER  
33713-17  
17 cm, 6 3/4"

5 mm



KÖNIG  
33714-15  
15,5 cm, 6"

12 mm



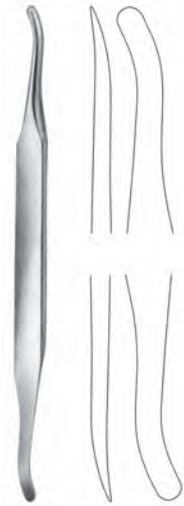
ALEXANDER  
33715-20  
21 cm, 8 1/4"



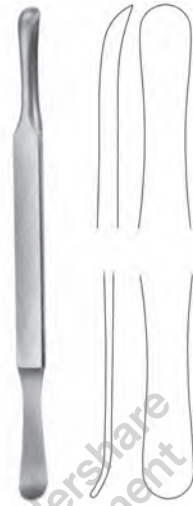
MOLT  
33716-18  
18 cm, 7"

**HADEO**  
INSTRUMENTE GERMANY

Elevatoren, Raspatorien, Dissektoren  
Elevators, Raspatories, Dissectors  
Elevadores, Periostótomos, Disectores  
Elevatori, Periostotomi, Dissettori



**SELDIN**  
33717-19-01  
19,5 cm, 7 3/4"



**SELDIN**  
33717-19-02  
19,5 cm, 7 3/4"

4 mm



**JOSEPH**  
33718-16  
16 cm, 6 1/4"



**FOMON**  
33719-17  
17 cm, 6 3/4"

9 mm



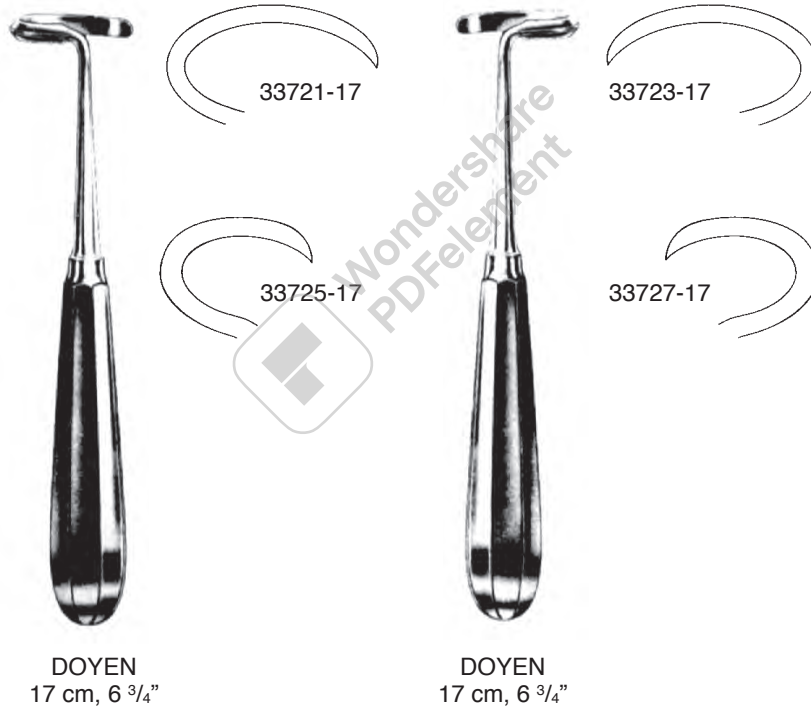
**BOIES**  
33720-19  
19 cm, 7 1/2"



**GORNEY**  
33720-21  
21 cm, 8 1/4"

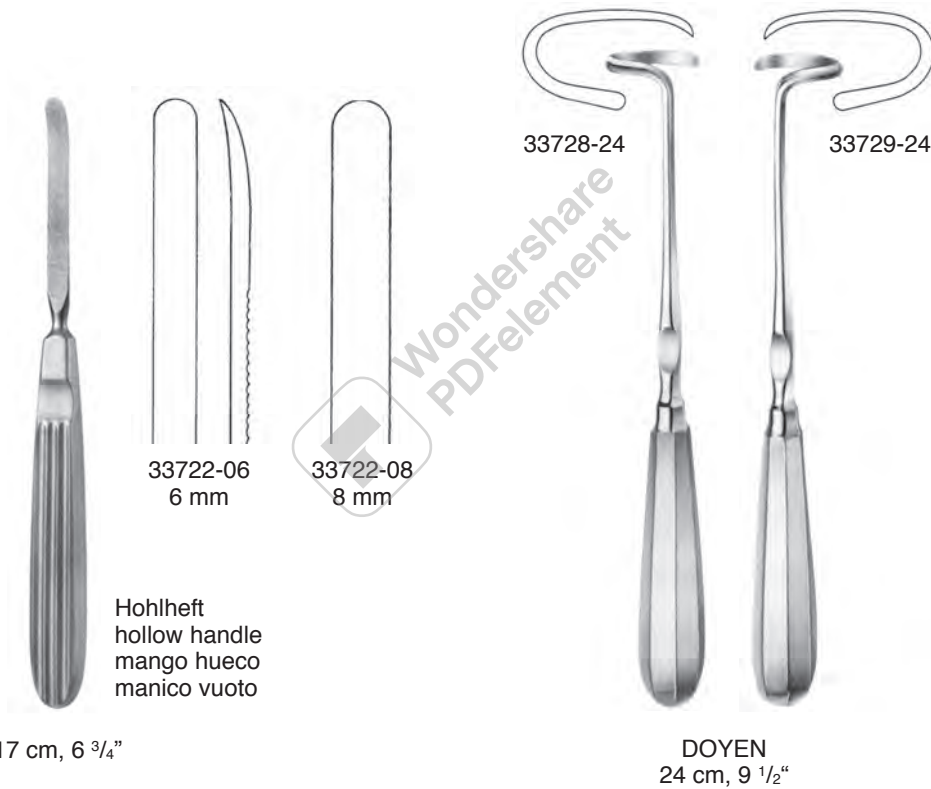
**HADEO**  
INSTRUMENTE GERMANY

Elevatoren, Raspatorien, Dissektoren  
Elevators, Raspatories, Dissectors  
Elevadores, Periostótomos, Disectores  
Elevatori, Periostotomi, Dissettori



**HADEO**  
INSTRUMENTE GERMANY

Elevatoren, Raspatorien, Dissektoren  
Elevators, Raspatories, Dissectors  
Elevadores, Periostótomos, Disectores  
Elevatori, Periostotomi, Dissettori



**HADEO**  
INSTRUMENTE GERMANY

Elevatoren, Raspatorien, Dissektoren  
Elevators, Raspatories, Dissectors  
Elevadores, Periostótomos, Disectores  
Elevatori, Periostotomi, Dissettori



**MATSON-ALEXANDER**  
33731-22  
22 cm, 8 3/4"



**MATSON**  
33733-22  
22 cm, 8 3/4"



Elevatoren, Raspatorien, Dissektoren  
 Elevators, Raspatories, Dissectors  
 Elevadores, Periostótomos, Disectores  
 Elevatori, Periostotomi, Dissettori



33740-19  
 19 cm, 7 1/2"



33741-18  
 18,5 cm, 7 1/4"



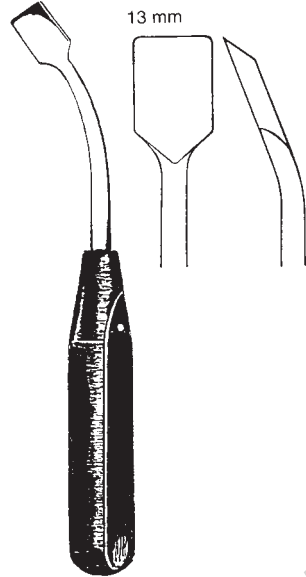
33742-18  
 18,5 cm, 7 1/4"



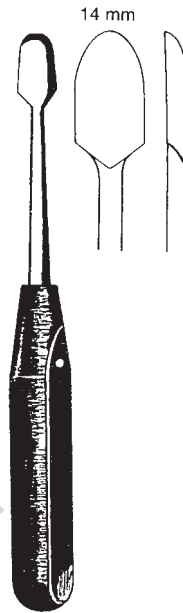
33743-18  
 18,5 cm, 7 1/4"

**HADEO**  
INSTRUMENTE GERMANY

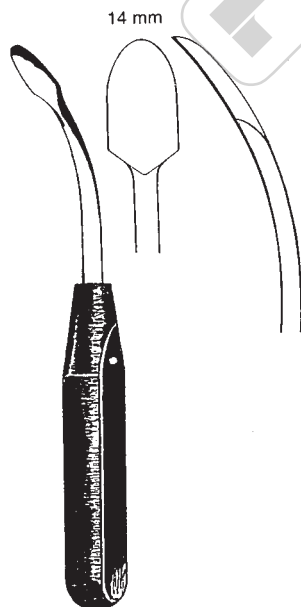
Elevatoren, Raspatorien, Dissektoren  
Elevators, Raspatories, Dissectors  
Elevadores, Periostótomos, Disectores  
Elevatori, Periostotomi, Dissettori



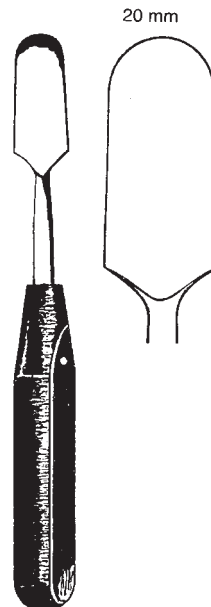
33745-19  
18,5 cm, 7 1/4"



33746-19  
19,5 cm, 7 3/4"



33747-18  
18,5 cm, 7 1/4"

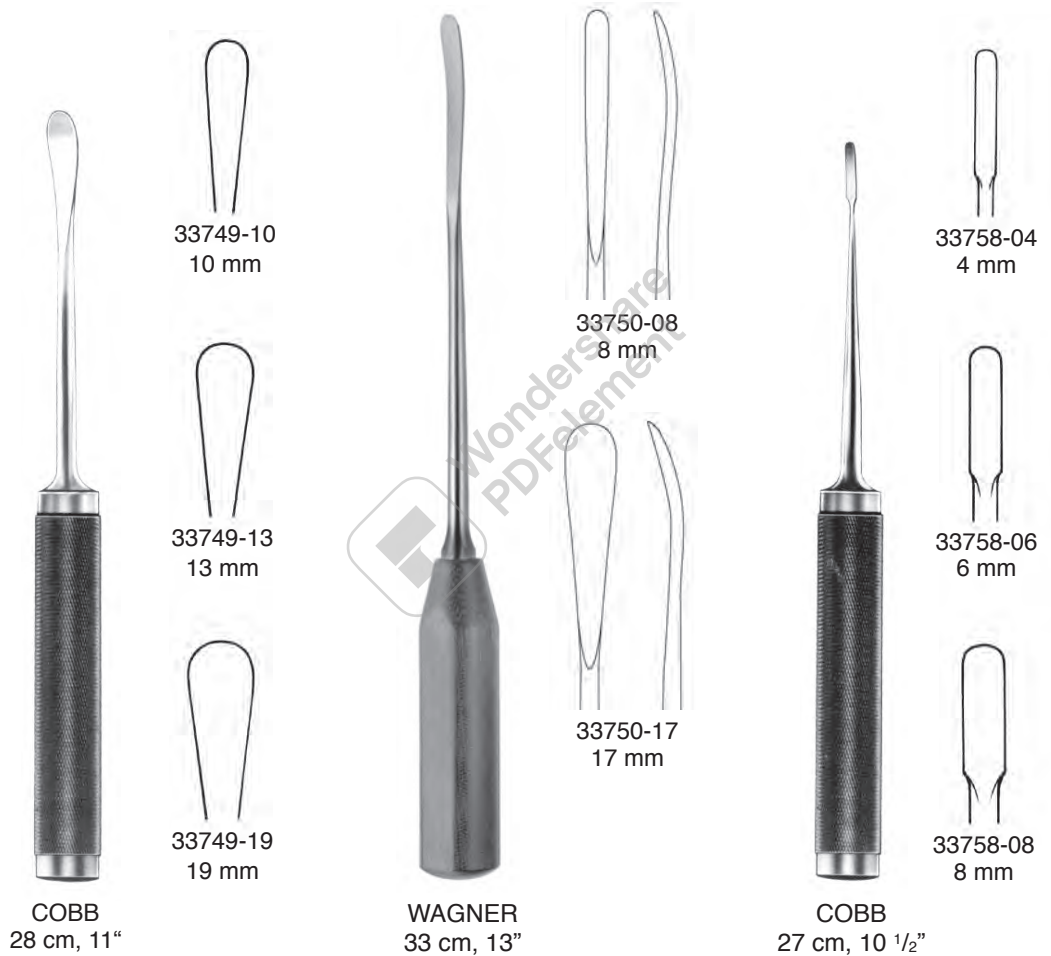


33748-20  
20 cm, 8"





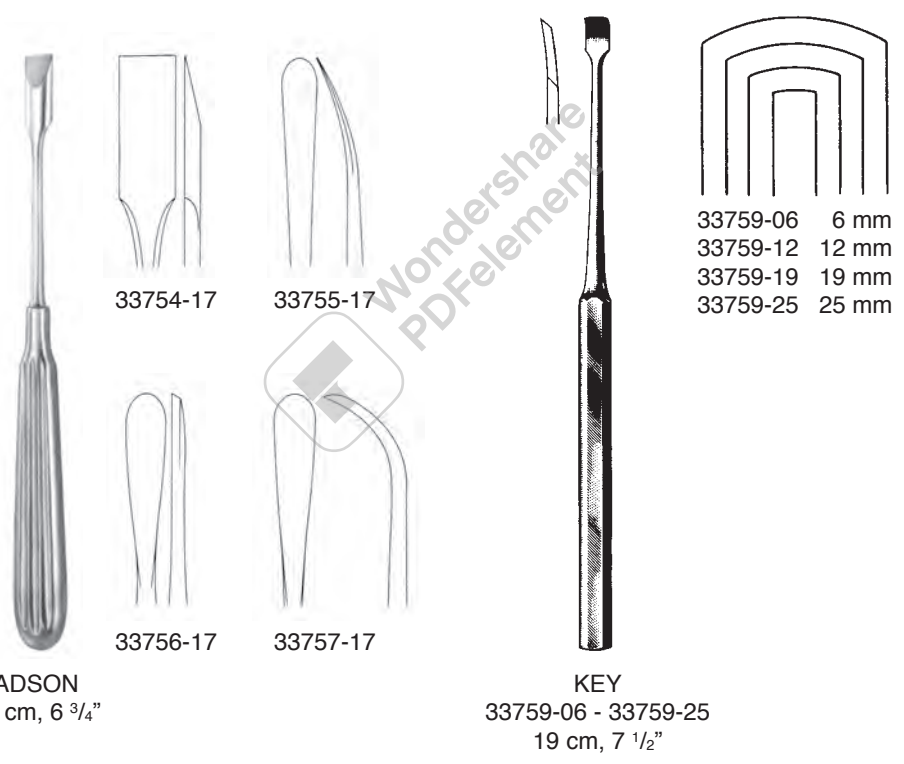
Elevatorien, Raspatorien, Dissektoren  
 Elevators, Raspatories, Dissectors  
 Elevadores, Periostótomos, Disectores  
 Elevatori, Periostotomi, Dissettori



mit NOVOTEX-Kunststoffgriff  
 with NOVOTEX plastic handle  
 con mango de materia plástica NOVOTEX  
 con manico di materia plastica NOVOTEX

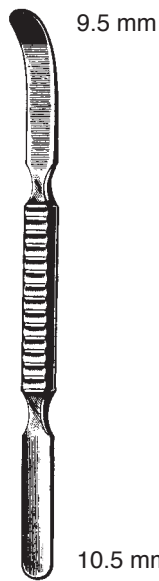


Elevatoren, Raspatorien, Dissektoren  
Elevators, Raspatories, Dissectors  
Elevadores, Periostótomos, Disectores  
Elevatori, Periostotomi, Dissettori





Elevatoren, Raspatorien, Dissektoren  
 Elevators, Raspatories, Dissectors  
 Elevadores, Periostótomos, Disectores  
 Elevatori, Periostotomi, Dissettori



**WATSON-CHEYNE**  
 33765-17  
 17,5 cm, 7"



**MC DONALD**  
 33767-19  
 19 cm, 7 1/2"



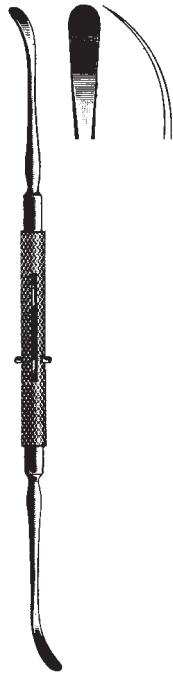
**JOSEPH**  
 47411-16  
 16 cm, 6 1/4"



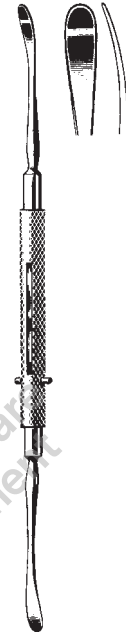
**SEWALL**  
 47412-20  
 20 cm, 8"

**HADEO**  
INSTRUMENTE GERMANY

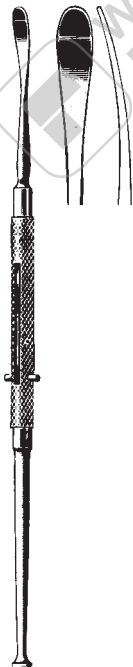
Elevatoren, Raspatorien, Dissektoren  
Elevators, Raspatories, Dissectors  
Elevadores, Periostótomos, Disectores  
Elevatori, Periostotomi, Dissettori



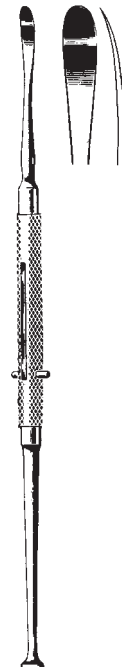
ROGER  
47413-19  
19 cm, 7 1/2"



FREER  
47415-18  
18 cm, 7"



FREER  
47417-19  
19 cm, 7 1/2"



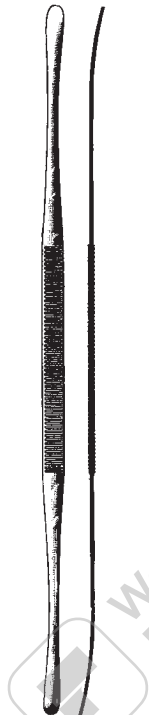
FREER  
47419-19  
19 cm, 7 1/2"

**HADEO**  
INSTRUMENTE GERMANY

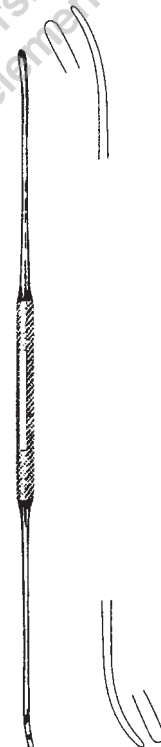
Dura Dissektoren  
Dura Dissectors  
Disectores para duramadre  
Dissettori per dura-madre



SACHS  
41143-21  
21 cm, 8 1/4"



TOENNIS  
41141-25  
25 cm, 10"



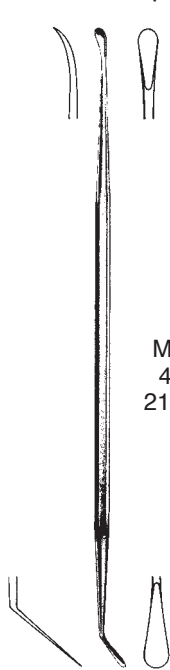
OLIVECRONA  
41146-18 18 cm, 7"  
41146-24 24 cm, 9 1/2"



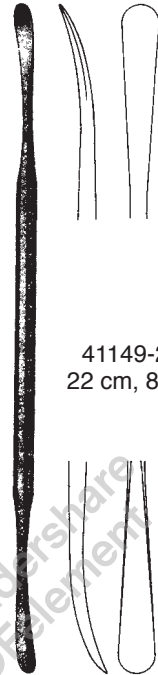
DAVIS  
41142-19  
19 cm, 7 1/2"

**HADEO**  
INSTRUMENTE GERMANY

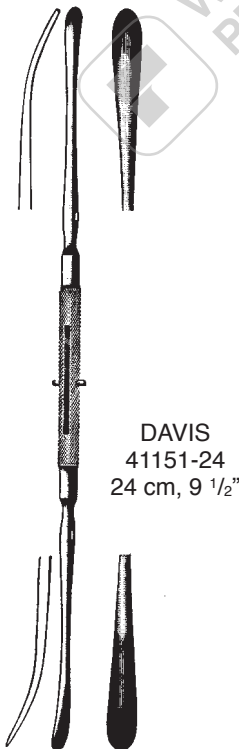
Dura Dissektoren  
Dura Dissectors  
Disectores para duramadre  
Dissettori per dura-madre



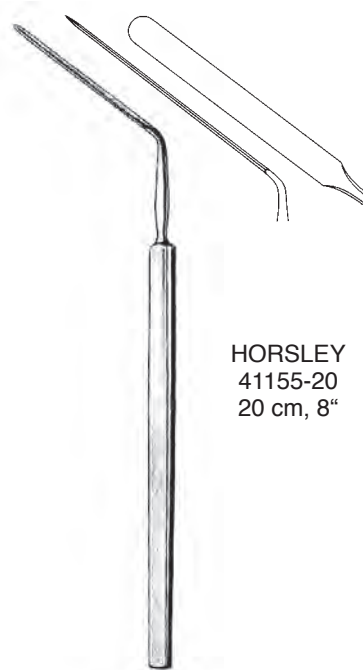
MILLIGAN  
41147-21  
21 cm, 8 1/4"



41149-22  
22 cm, 8 3/4"



DAVIS  
41151-24  
24 cm, 9 1/2"



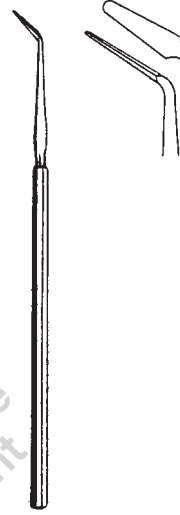
HORSLEY  
41155-20  
20 cm, 8"

**HADEO**  
INSTRUMENTE GERMANY

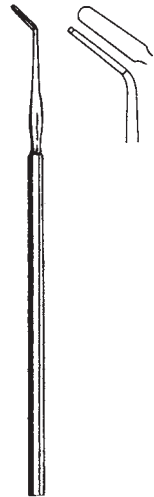
Dura Dissektoren  
Dura Dissectors  
Disectores para duramadre  
Dissettori per dura-madre



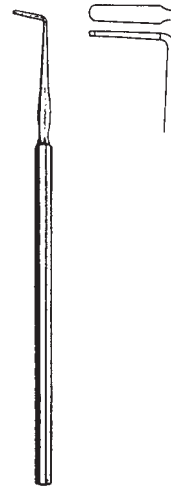
WOODSON  
41156-18  
18 cm, 7"



FRAZIER  
41158-01  
15 cm, 6"



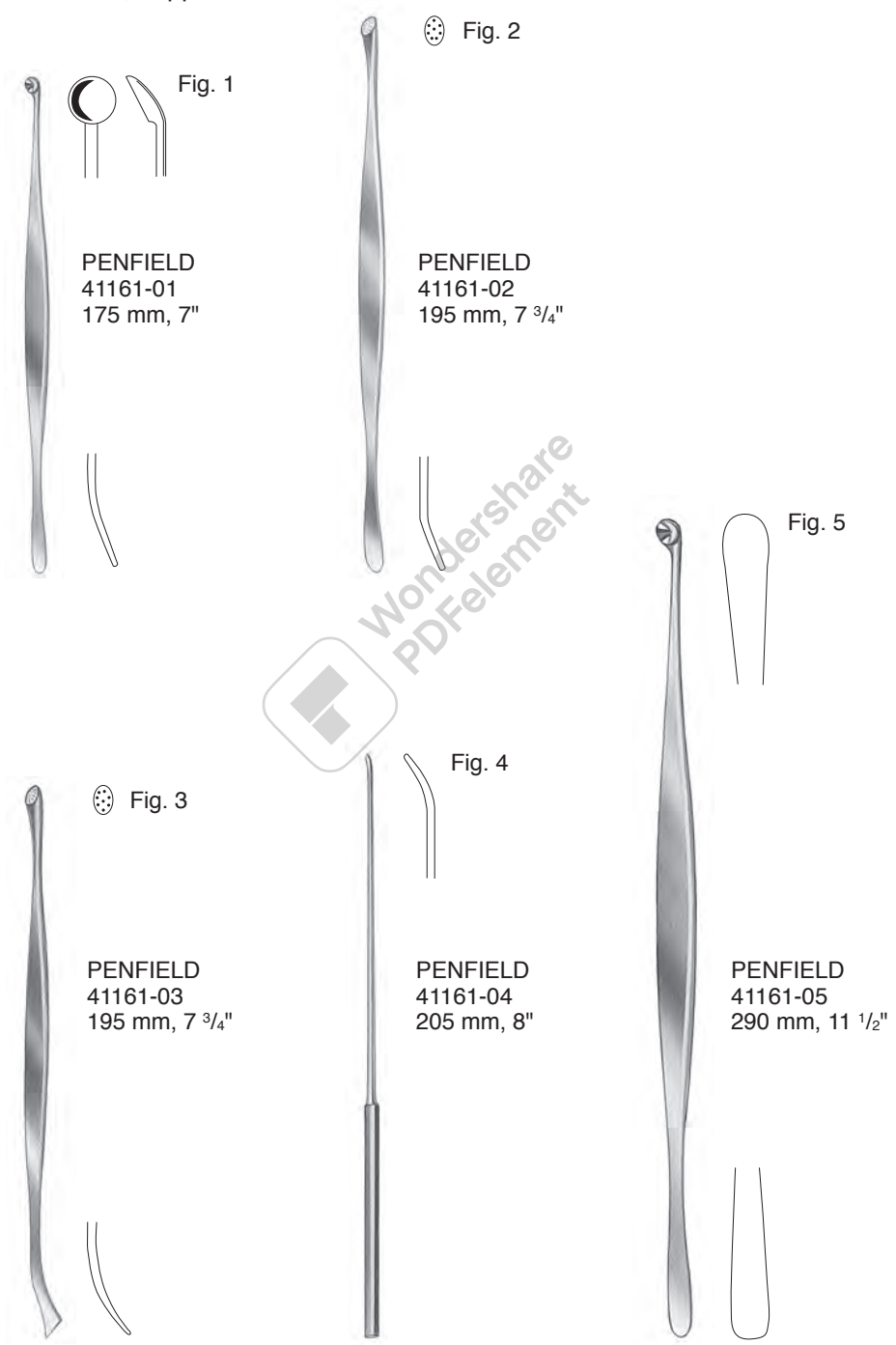
HOEN  
41158-02  
15 cm, 6"



HOEN  
41158-03  
15 cm, 6"



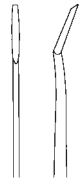
Dissektoren, doppelendig  
Dissectors, double ended  
Disectores, de doble extremo  
Dissettori, doppio



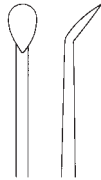


**HADEO**  
INSTRUMENTE GERMANY

Mikro-Raspatorien  
Micro-Raspatories  
Legras para micro-cirugía  
Micro periostotomi



93410-01 185 mm / 7 1/4" YASARGIL



93410-02 185 mm / 7 1/4" YASARGIL



93410-03 185 mm / 7 1/4" YASARGIL



93410-05 185 mm / 7 1/4" YASARGIL



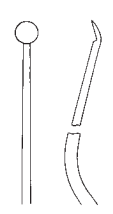
93410-06 230 mm / 9"  
plattenförmig  
round blade  
redondo  
rotondo piatto



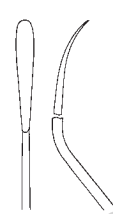
93410-07 230 mm / 9"  
plattenförmig  
round blade  
redondo  
rotondo piatto



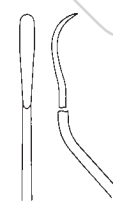
Mikro-Raspatorien  
Micro-Raspatories  
Legras para micro-cirugía  
Micro periostotomi



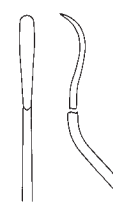
93420-01 230 mm / 9"



93420-02 185 mm / 7 1/4" YASARGIL



93420-03 185 mm / 7 1/4" YASARGIL



93420-04 185 mm / 7 1/4" YASARGIL

**HADEO**  
INSTRUMENTE GERMANY

Mikro-Dissektoren  
Micro Dissectors  
Micro dissectores  
Micro scollatori



4,5 mm



CASPAR  
93480-23  
230 mm / 9"

1,0 mm



CASPAR  
93481-20  
200 mm / 8"

1,4 mm



93482-23  
230 mm / 9"

2,0 mm



93483-23  
230 mm / 9"

1,8 mm



93484-23  
230 mm / 9"

3,0 mm

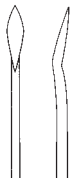


93485-18  
185 mm / 7 1/4"

3,0 mm



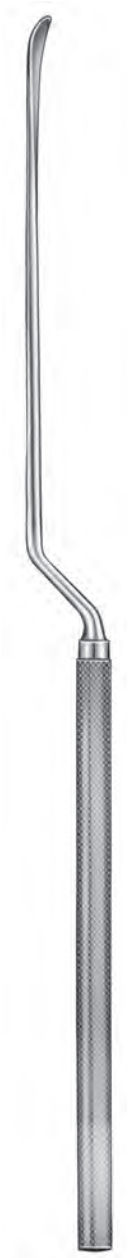
93486-21  
215 mm / 8 1/2"



YASARGIL  
93487-18  
185 mm / 7 1/4"

**HADEO**  
INSTRUMENTE GERMANY

Mikro-Dissektoren  
Micro Dissectors  
Micro dissectores  
Micro scollatori



93490-01 230 mm / 9" CASPAR



93490-02 230 mm / 9" CASPAR



93490-03 210 mm / 8 1/4" CASPAR



93490-04 210 mm / 8 1/4" CASPAR



93490-05 230 mm / 9"



93490-06 230 mm / 9"

SAUGROHRE

SUCTION TUBES

TUBOS DE ASPIRACIÓN

TUBI D'ASPIRAZIONE

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Saugrohre  
Suction Tubes  
Tubos de aspiración  
Tubi aspirazioni



ADSON  
41290-21  
21 cm, 8 1/4"  
ø 4 mm



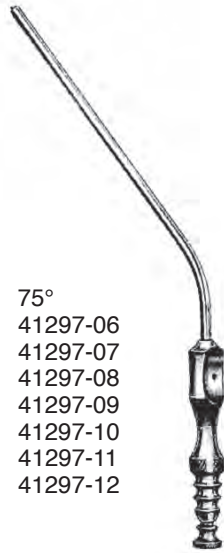
FERGUSON  
41294-40  
18 cm, 7"  
ø 4 mm, 90°

isoliert  
insolated  
aislado  
isolato



Saugrohre, Punktionskanüle  
Suction Tubes, Puncture Cannulas  
Tubos de aspiración, Tubo de punción  
Tubi aspirazioni, cannula per punzione

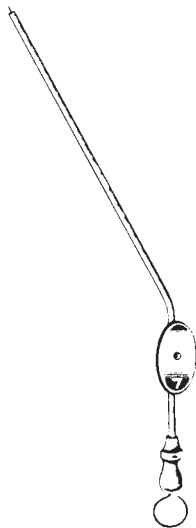
Charr.	↗	
F.G. 30°		75°
6	41295-06	41297-06
7	41295-07	41297-07
8	41295-08	41297-08
9	41295-09	41297-09
10	41295-10	41297-10
11	41295-11	41297-11
12	41295-12	41297-12
15	41295-15	



FRAZIER/FERGUSSON  
41295-06 – 41297-12  
19 cm, 7 1/2"



FRAZIER/FERGUSSON  
41298-12  
12 cm, 4 3/4" / 3 mm



BARON  
16 cm, 6 1/4"  
41299-03 3FR 1,0 mm  
41299-05 5FR 1,6 mm  
41299-07 7FR 2,3 mm



SCHUHKNECHT  
13 cm, 5"  
41300-09 Ø 0,9 mm / 20 swg  
41300-06 Ø 0,6 mm / 24 swg

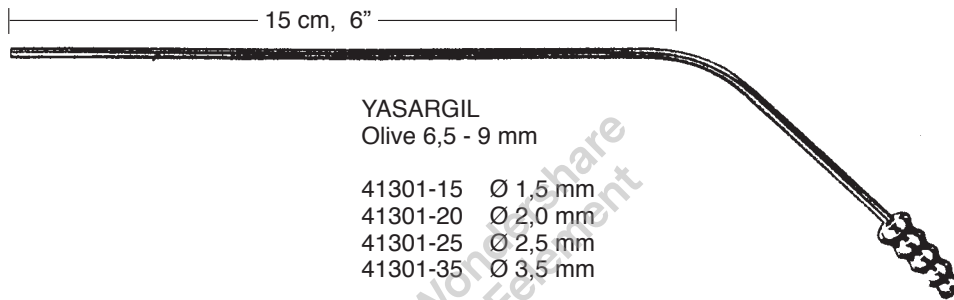
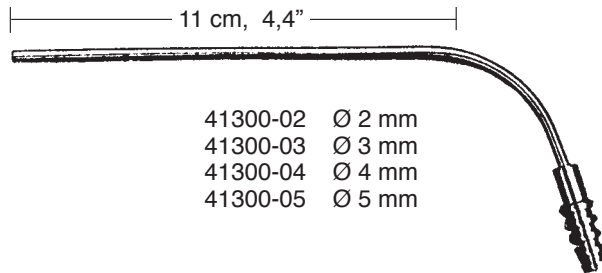
Saugadapter  
mit Saugunterbrecher  
Suction adapter  
with finger cut-off  
Adaptador para  
aspiración con interrupto  
Adattator per  
aspirazione con interruttore



HOUSE  
41300-00  
5,5 cm, 2 1/4"

**HADEO**  
INSTRUMENTE GERMANY

Saugrohre  
Suction Tubes  
Tubos de aspiración  
Tubi aspirazioni



ZÖLLNER  
41302-01



ZÖLLNER  
41302-02



- |          |          |
|----------|----------|
| 0,5 mm Ø | 41306-05 |
| 0,7 mm Ø | 41306-07 |
| 0,9 mm Ø | 41306-09 |
| 1,2 mm Ø | 41306-12 |

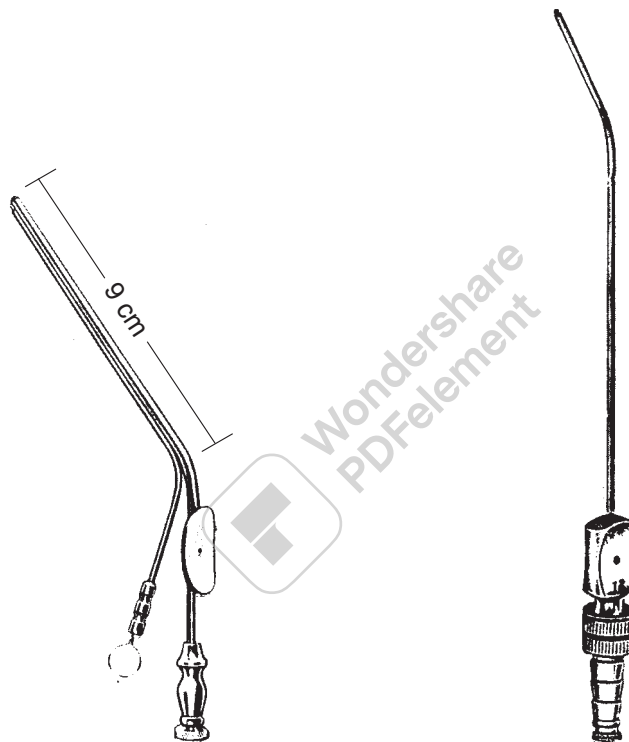
Kanüle für Sauggriff  
für Zöllner und Wullstein

Tip for Suction Handle  
for Zöllner and Wullstein

Cánula para mango  
para Zöllner y Wullstein

Cannula per manico di aspirazione  
per Zöllner e Wullstein



**HADEO**  
INSTRUMENTE GERMANYSaugrohre  
Suction Tubes  
Tubos de aspiración  
Tubi aspirazioni**HOUSE**

9 cm, 3 1/2"

41303-09	Ø 0,9 x 0,7 mm
41303-12	Ø 1,2 x 0,9 mm
41303-15	Ø 1,5 x 1,2 mm
41303-18	Ø 1,8 x 1,8 mm
41303-25	Ø 2,5 x 2,0 mm
41303-30	Ø 3,0 x 2,0 mm
41303-45	Ø 4,5 x 2,0 mm

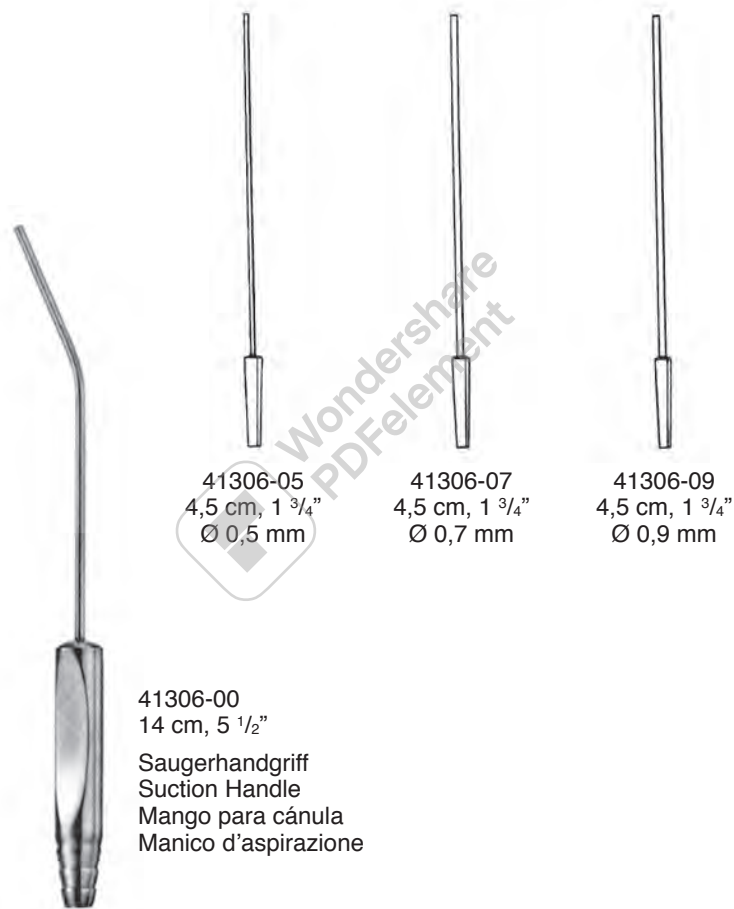
**PLESTER 30°**

Charr. 6	41304-06
Charr. 8	41304-08
Charr. 10	41304-10

**HADEO**  
INSTRUMENTE GERMANY

Saugrohre  
Suction Tubes  
Tubos de aspiración  
Tubi aspirazioni

Mikro-Saugkanüle  
Micro suction cannula  
Micro tubo de aspiración  
Micro-cannula d'aspirazione

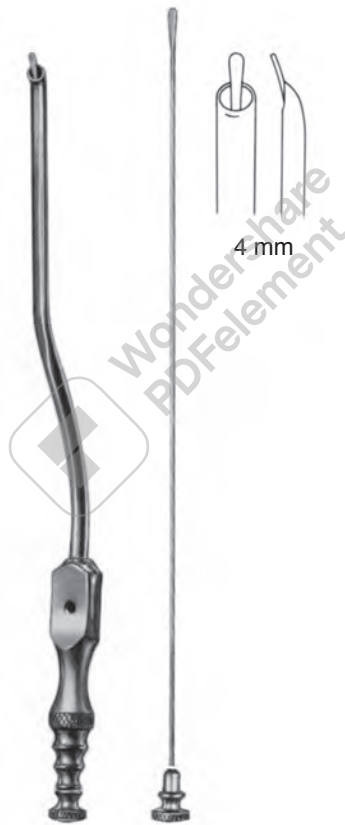


WULLSTEIN  
41308-00

komplett, mit Griff und drei Aufsätzen  
complete, with handle and 3 tips  
completo, con mango y 3 puntas  
completo, con manico e 3 punte

**HADEO**  
INSTRUMENTE GERMANY

Saugraspatorium  
Suction Raspatory  
Legra de succión  
Raspatorio con aspiratore



GUILLEN  
47347-20  
19 cm, 7 1/2"



LAMINEKTOMIE

LAMINECTOMY

LAMINECTOMIA

LAMINECTOMIA

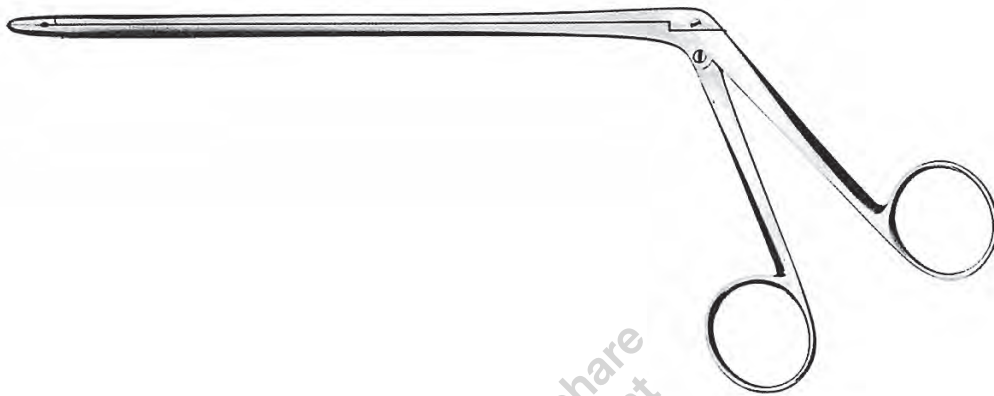



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**HADEO**  
INSTRUMENTE GERMANY

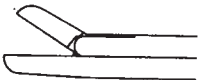

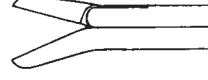
Laminektomie Zangen  
Laminectomy Forceps  
Pinzas para laminectomia  
Pinze per laminectomia




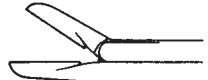

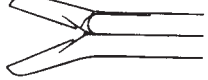
  
CUSHING  
2 x 10 mm

	41420-01	41420-02		45°		45°	
	41421-01	41421-02					125 mm / 5"
	41422-01	41422-02					150 mm / 6"
							180 mm / 7"

  
LOVE-GRUENWALD  
3 x 10 mm

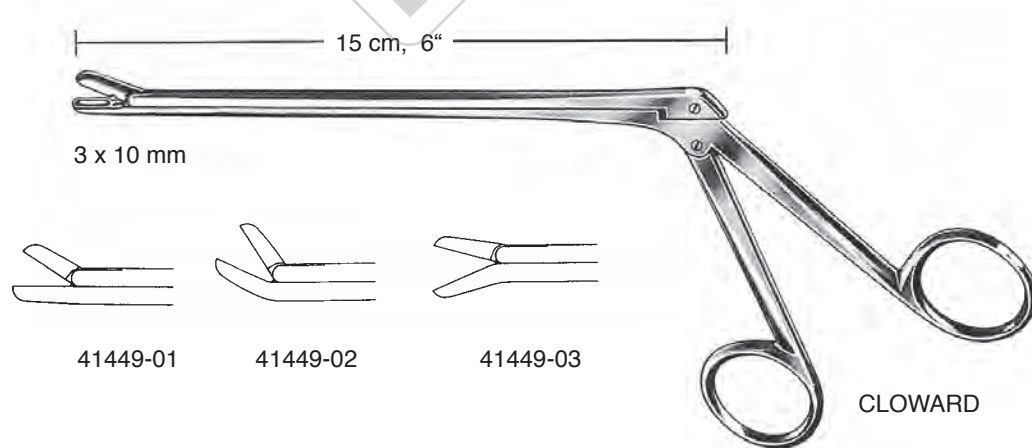
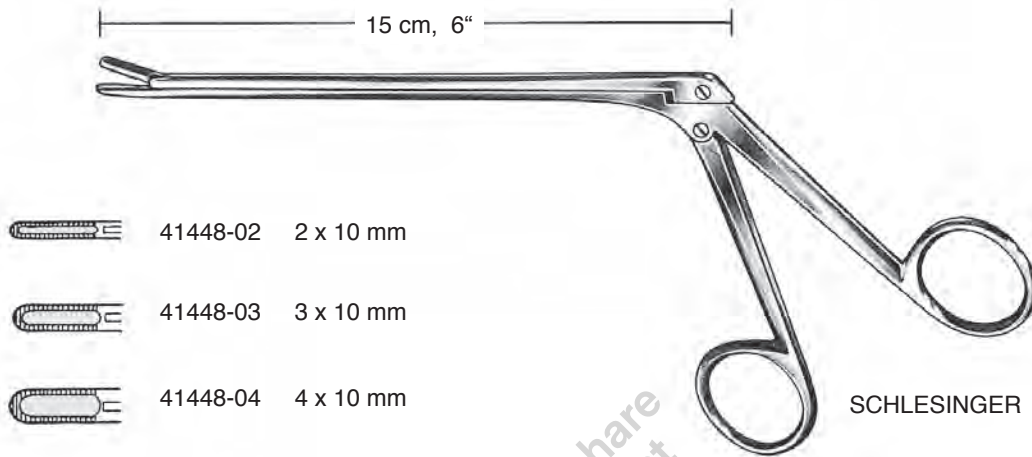
	41430-01	41430-02		45°		45°	
	41431-01	41431-02					125 mm / 5"
	41432-01	41432-02					150 mm / 6"
							180 mm / 7"

  
SPURLING  
4 x 10 mm

	41440-01	41440-02		45°		45°	
	41441-01	41441-02					125 mm / 5"
	41442-01	41442-02					150 mm / 6"
							180 mm / 7"

**HADEO**  
INSTRUMENTE GERMANY

Laminektomie Zangen  
Laminectomy Forceps  
Pinzas para laminectomia  
Pinze per laminectomia





Laminektomie Zangen  
Laminectomy Forceps  
Pinzas para laminectomia  
Pinze per laminectomia



140 mm, 5 1/2"

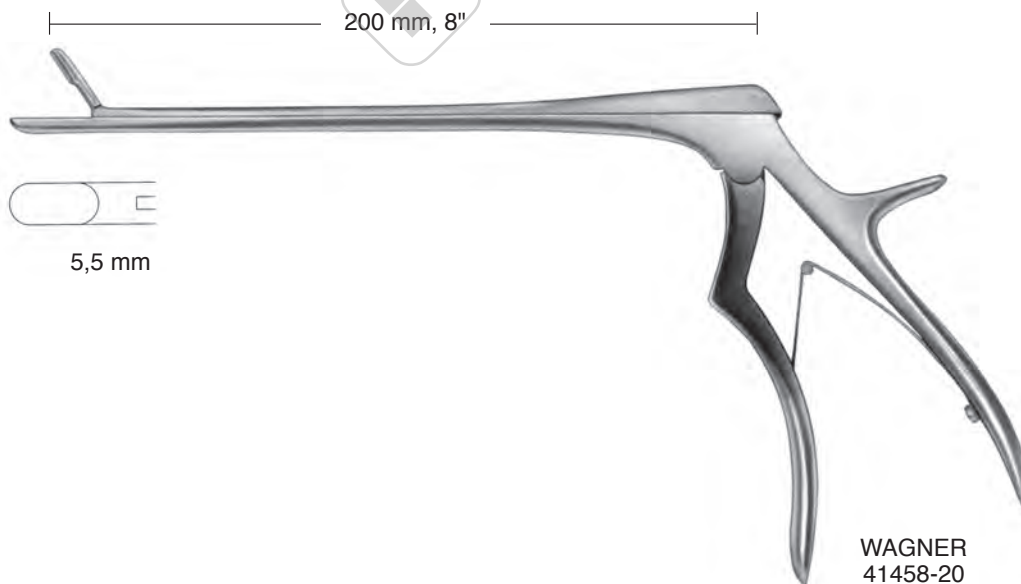
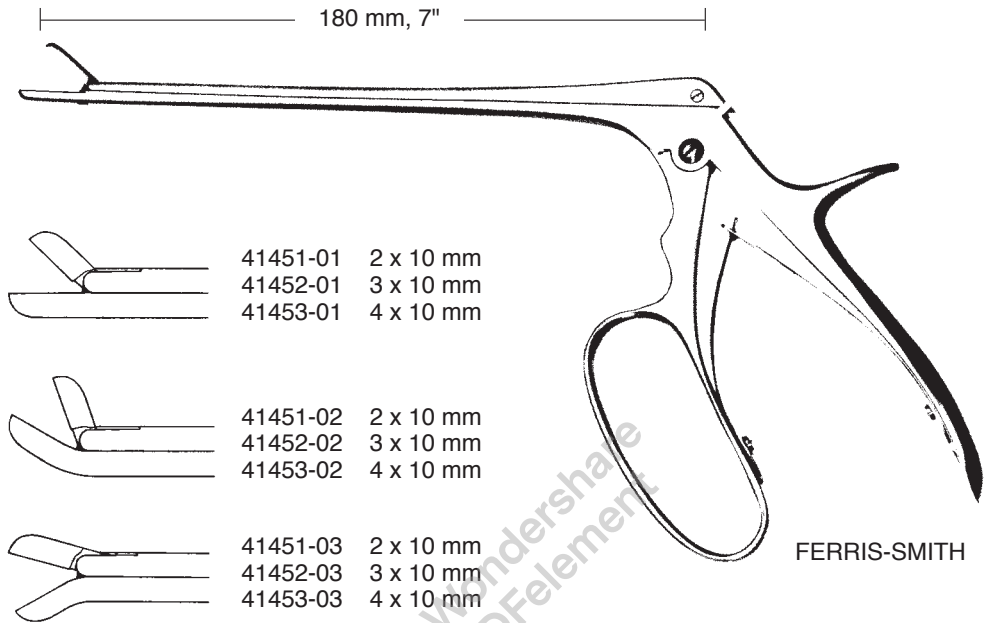


HOEN  
41450-00



**HADEO**  
INSTRUMENTE GERMANY

Laminektomie Zangen  
Laminectomy Forceps  
Pinzas para laminectomia  
Pinze per laminectomia





Laminektomie Zangen  
 Laminectomy Forceps  
 Pinzas para laminectomia  
 Pinze per laminectomia



Maulteile gezahnt  
 Serrated jaws  
 Parte de la boca dentada  
 Morsi dentellati

CASPAR



2 x 12 mm

41460-01  
 41461-01  
 41462-01

41460-02  
 41461-02  
 41462-02

41460-03  
 41461-03  
 41462-03

140 mm / 5 1/2"  
 160 mm / 6 1/4"  
 185 mm / 7 1/4"



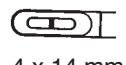
3 x 12 mm

41465-01  
 41466-01  
 41467-01

41465-02  
 41466-02  
 41467-02

41465-03  
 41466-03  
 41467-03

140 mm / 5 1/2"  
 160 mm / 6 1/4"  
 185 mm / 7 1/4"



4 x 14 mm

41470-01  
 41471-01  
 41472-01

41470-02  
 41471-02  
 41472-02

41470-03  
 41471-03  
 41472-03

140 mm / 5 1/2"  
 160 mm / 6 1/4"  
 185 mm / 7 1/4"



5 x 14 mm

41475-01  
 41476-01  
 41477-01

41475-02  
 41476-02  
 41477-02

41475-03  
 41476-03  
 41477-03

140 mm / 5 1/2"  
 160 mm / 6 1/4"  
 185 mm / 7 1/4"



6 x 16 mm

41480-01  
 41481-01  
 41482-01

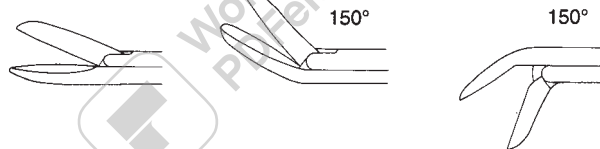
41480-02  
 41481-02  
 41482-02





41480-03  
 41481-03  
 41482-03

140 mm / 5 1/2"  
 160 mm / 6 1/4"  
 185 mm / 7 1/4"

**HADEO**  
INSTRUMENTE GERMANY

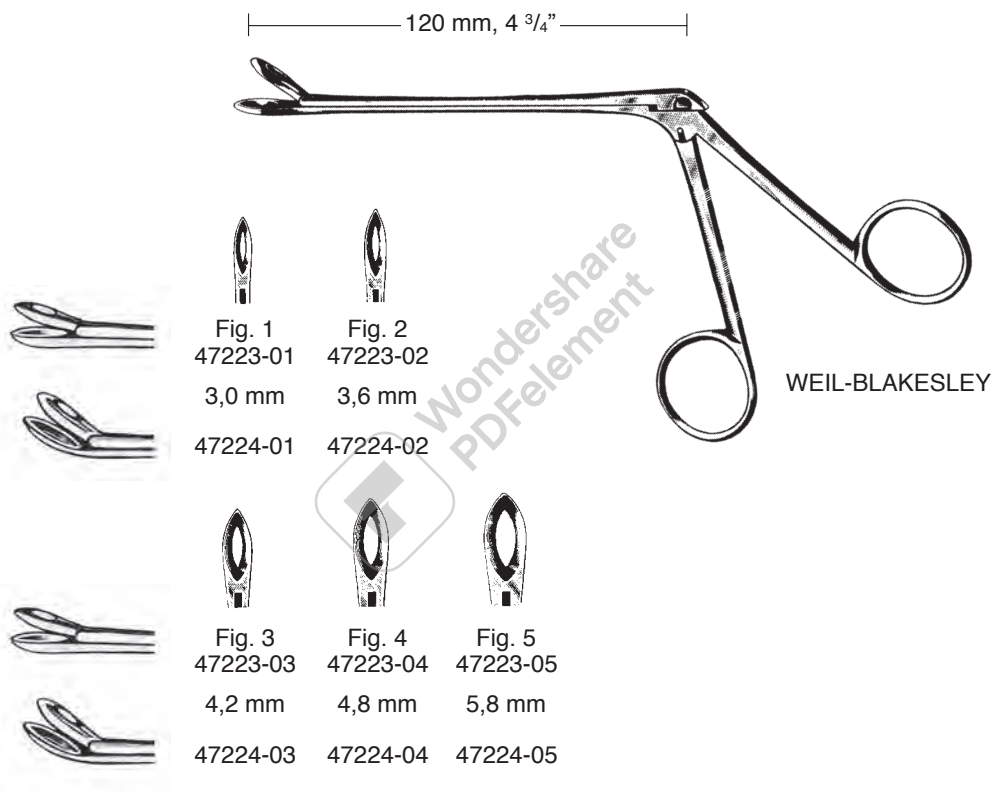
Laminektomie Zangen  
Laminectomy Forceps  
Pinzas para laminectomia  
Pinze per laminectomia



 2 mm	41490-01	41490-02	41490-03
 3 mm	41492-01	41492-02	41492-03
 4 mm	41494-01	41494-02	41494-03
 5 mm	41496-01	41496-02	41496-03



Laminektomie Zangen  
 Laminectomy Forceps  
 Pinzas para laminectomia  
 Pinze per laminectomia

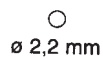


**HADEO**  
 INSTRUMENTE GERMANY

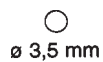
Hypophysen- und Tumorzangen  
 Pituitary Rongeurs and Tumor Grasping Forceps  
 Pinzas cortantes para hipófisis y para tumores  
 Pinze per ipofisi e tumori



41445-25 180 mm / 7" OLDBERG  
 Scharfe Hypophysenzange  
 Sharp Pituitary Rongeur  
 Pinza para hipófisis cortante  
 Pinze per ipofisi tagliente



41446-02 190 mm / 7 1/2" LANDOLT  
 Scharfe Hypophysenzange  
 Sharp Pituitary Rongeur  
 Pinza para hipófisis cortante  
 Pinze per ipofisi tagliente



41446-03 190 mm / 7 1/2" YASARGIL  
 Scharfe Hypophysenzange  
 Sharp Pituitary Rongeur  
 Pinza para hipófisis cortante  
 Pinze per ipofisi tagliente



41446-09 200 mm / 8" LANDOLT  
 Tumor-Faßzange, stumpf  
 Tumor Grasping Forceps, blunt  
 Pinza para tumores, roma  
 Pinze per ipofisi smussa



MIKRO-RUNDGRIFF-  
INSTRUMENTE

MICRO INSTRUMENTS  
WITH ROUND HANDLE

INSTRUMENTOS PARA  
MICROCIRUGÍA CON  
MANGOS REDONDOS

STRUMENTI PER  
MICROCHIRURGIA CON  
MANICO ROTONDO

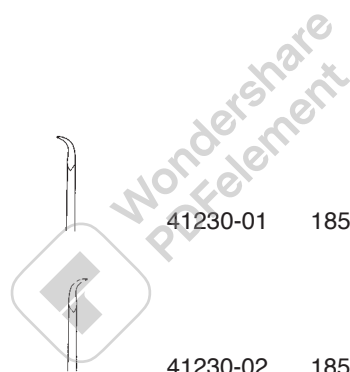
**HADEO**  
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Wondershare  
PDFelement



Mikro Gefäßmesser  
Micro Vessel Knives  
Micro cuchillos  
Micro coltelli per vasi



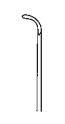
41230-01 185 mm / 7 1/4" KOOS



41230-02 185 mm / 7 1/4" KOOS



41230-03 185 mm / 7 1/4" KOOS



41230-05 185 mm / 7 1/4" YASARGIL

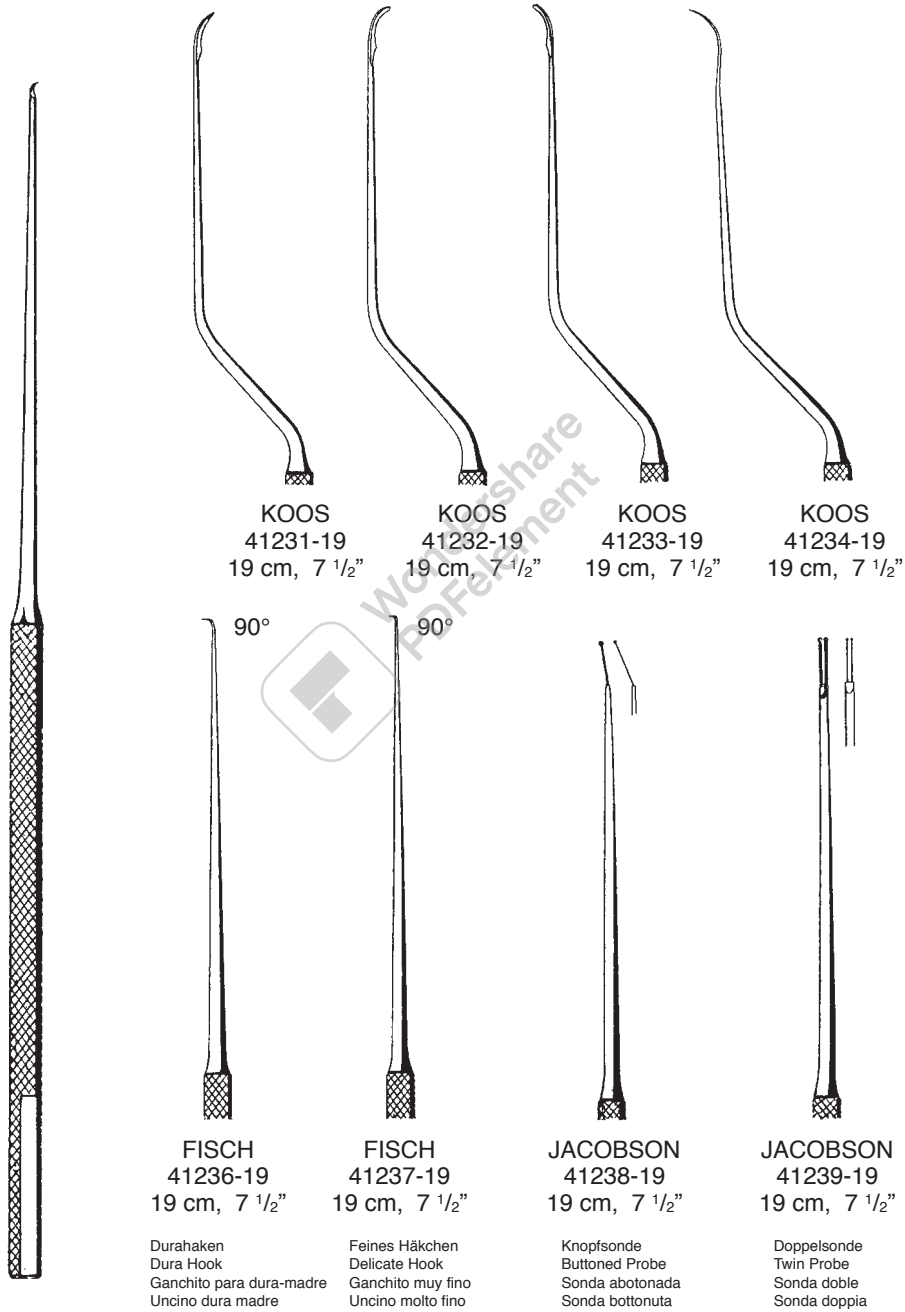


41230-06 185 mm / 7 1/4" YASARGIL



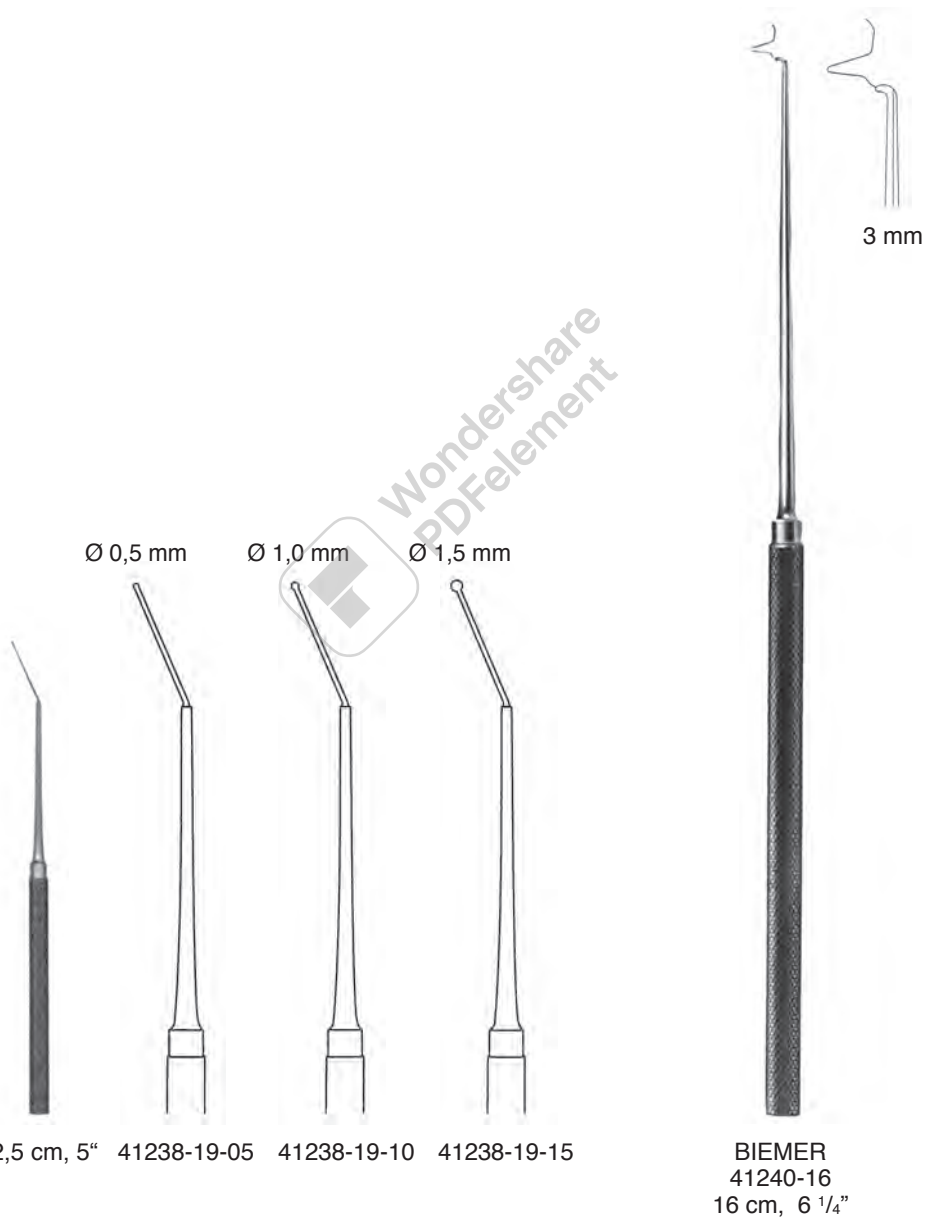
**HADEO**  
INSTRUMENTE GERMANY

Messer, Haken, Sonden  
Knives, Hooks, Probes  
Bisturies, Ganchos, Sondas  
Bisturi, Uncino, Sonde



**HADEO**  
INSTRUMENTE GERMANY

Gefäßdilatoren, Gefäßspreizer  
Vessel dilators, Vessel Spreader  
Dilatadores vasculares, Separador para vasos  
Dilatatori vascolari, Divaricatore per vasi

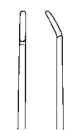




Tumormesser  
Knives for tumor tissue  
Cuchillos para tumores  
Coltelli per tumori



SAMII



1,0 mm

93460-20 200 mm / 8"  
93460-23 230 mm / 9"



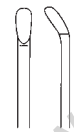
1,5 mm

93461-20 200 mm / 8"  
93461-23 230 mm / 9"



2,0 mm

93462-20 200 mm / 8"  
93462-23 230 mm / 9"



2,5 mm

93463-20 200 mm / 8"  
93463-23 230 mm / 9"



3,0 mm

93464-20 200 mm / 8"  
93464-23 230 mm / 9"



3,5 mm

93465-20 200 mm / 8"  
93465-23 230 mm / 9"



4,0 mm

93466-20 200 mm / 8"  
93466-23 230 mm / 9"



5,0 mm

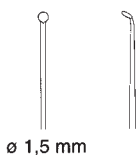
93467-20 200 mm / 8"  
93467-23 230 mm / 9"



Tumormesser  
Knives for tumor tissue  
Cuchillos para tumores  
Coltelli per tumori

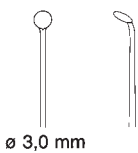


SAMII



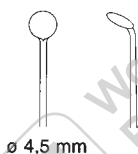
ø 1,5 mm

93470-20 200 mm / 8"  
93470-23 230 mm / 9"



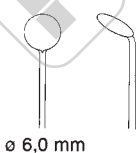
ø 3,0 mm

93471-20 200 mm / 8"  
93471-23 230 mm / 9"



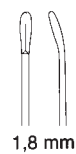
ø 4,5 mm

93472-20 200 mm / 8"  
93472-23 230 mm / 9"



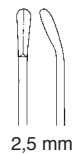
ø 6,0 mm

93473-20 200 mm / 8"  
93473-23 230 mm / 9"



1,8 mm

93474-23 230 mm / 9"  
Lanzettenmesser  
Lancet knives  
Cuchillo lanceolar  
Coltelli lanceolari



2,5 mm

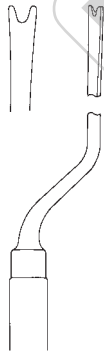
93475-23 230 mm / 9"  
Lanzettenmesser  
Lancet knives  
Cuchillo lanceolar  
Coltelli lanceolari

**HADEO**  
INSTRUMENTE GERMANY

Fadengabel  
Suture Pusher  
Empujadores de suturas  
Sonda Conduitrice a forchetta



93500-18 185 mm / 7 1/4" JACOBSON



93501-23 230 mm / 9" CASPAR



Tumorgabeln  
Tumor Forks  
Horquillas para tumores  
Forchetta per tumori



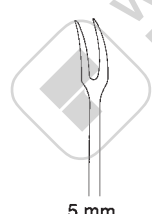
3 mm

93505-01



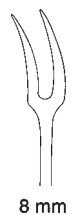
4 mm

93505-02



5 mm

93505-03



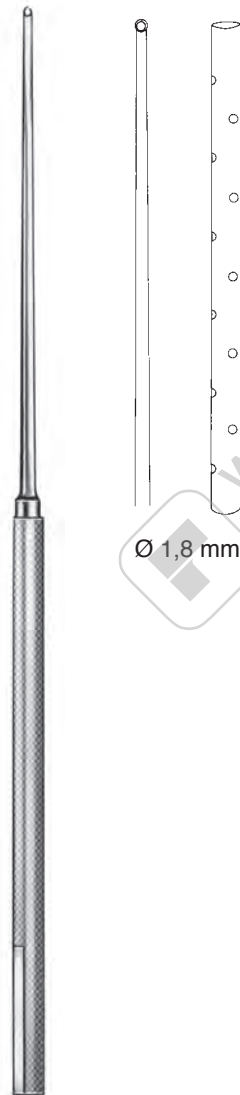
8 mm

93505-04

OKONEK-YASARGIL  
230 mm  
9"

**HADEO**  
INSTRUMENTE GERMANY

Gewebekralle  
Tissue Pick  
Garra para tejido  
Uncini per tessuti



mit Schutzkappe  
with guard  
con protector  
con capuccio di protezione

Ø 1,8 mm

93510-18  
185 mm  
7 1/4"

**HADEO**  
INSTRUMENTE GERMANY

Mikro-Rundgriffinstrumente  
Micro Instruments with round Handle  
Instrumentos para microcirugía con mangos redondos  
Strumenti per Microchirurgia con manico rotondo

		41170-01 Ø 1 mm Raspatorium Raspatories Legra Periostotomi		41170-07 Ø 1,2 mm Dissektor Dissector Disector Dissettore		41170-11 2 mm 90° Häkchen, halbscharf Hook, semi-sharp Gancho, semi agudo Gancio, semiacuto
		41170-02 Ø 2 mm Raspatorium Raspatories Legra Periostotomi		41170-08 Ø 2,8 mm Dissektor Dissector Disector Dissettore		41170-12 2 mm 90° Häkchen, stumpf Hook, blunt Gancho, romo Gancio, smusso
		41170-03 Ø 3 mm Raspatorium Raspatories Legra Periostotomi		41170-04 Ø 1 mm Dissektor, spatelförmig Dissector, spatula Disector, espatulado Dissettore, spatulate		41170-13 3 mm 45° Häkchen, halbscharf Hook, semi-sharp Gancho, semi agudo Gancio, semiacuto
		41170-05 Ø 1,5 mm Dissektor, spatelförmig Dissector, spatula Disector, espatulado Dissettore, spatulate		41170-09 1 x 2 mm Scharfe Löffel, oval Curette, oval Cucharilla, oval Curette, ovale		41170-14 Nadel, halbscharf Needle, semi-sharp Aguja, semi agudo Ago, semiacuto
		41170-06 Ø 2 mm Dissektor, spatelförmig Dissector, spatula Disector, espatulado Dissettore, spatulate		41170-10 1 x 2 mm 45° Scharfe Löffel, oval Curette, oval Cucharilla, oval Curette, ovale		41170-15 90° Knopfsonde Buttoned probes Sonda abotonada Sonda bottonute

RHOTON  
19 cm, 7 1/2"





Tumorgabel  
Tumor fork  
Horquilla para tumores  
Forchette per tumori



93506-05  
5 mm

93506-08  
8 mm

YASARGIL  
20 cm, 8"





HYPOPHYSEKTOMIE

HYPOPHYSECTOMY

HIPOFISECTOMÍA

IPOFISECTOMIA



[www.hadeo.co](http://www.hadeo.co)



Ringküretten  
Ring Curettes  
Curetas anulares  
Curette anulari



CONE  
23 cm 9"

33751-01  
33751-02  
33751-03

Ø 3 mm  
Ø 6 mm  
Ø 8 mm

33753-01  
33753-02  
33753-03

**HADEO**  
INSTRUMENTE GERMANY

Hypophyse Pinzetten  
Hypophyseal Forceps  
Pinzas para hipófisis  
Pinze per ipofisi



ADSON  
41210-23  
23 cm, 9"



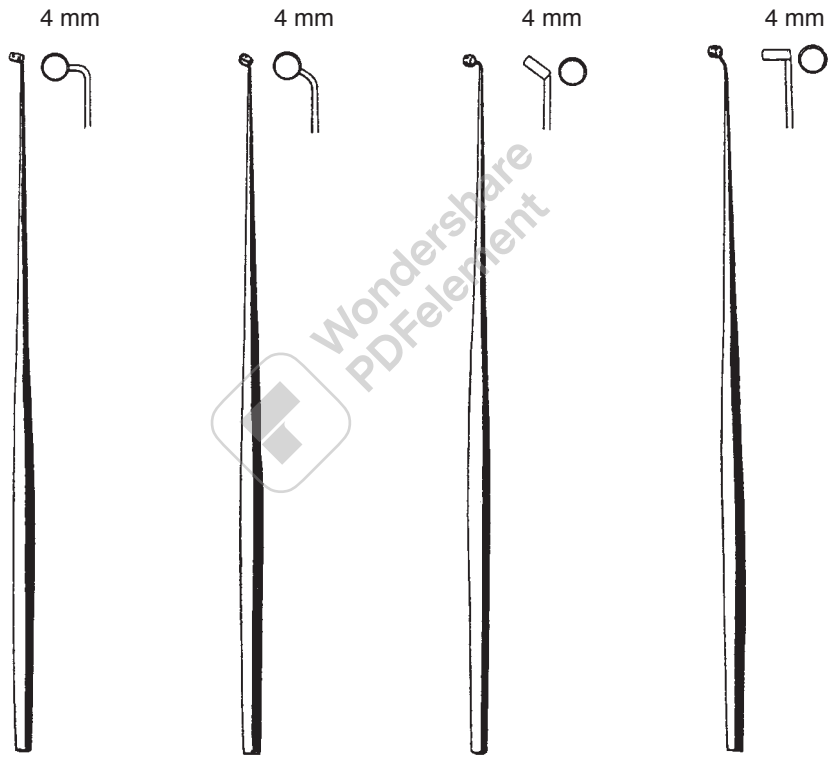
ADSON  
41211-23  
23 cm, 9"



ADSON  
41213-23  
23 cm, 9"

**HADEO**  
INSTRUMENTE GERMANY

Küretten  
Curette  
Curetas  
Curette



41221-00  
19 cm, 7 1/2"

41222-00  
19 cm, 7 1/2"

41223-00  
19 cm, 7 1/2"

41224-00  
19 cm, 7 1/2"

**HADEO**  
INSTRUMENTE GERMANY

Hypophysektomie Instrumente  
Pituitary Instruments  
Instrumentos para hipofisis  
Strumenti per ipofisi

**CUSHING-LANDOLT**

93600-01 70 x 15 mm

93600-02 90 x 15 mm

93600-03 110 x 15 mm

Spekula für trans-sphenoidale Hypophysektomie  
specula for trans-sphenoidale hypophysectomy  
especulos para hipofisectomía transfenoidal  
specoli per ipofisectomia trasfenoidale



**LANDOLT**  
93605-21  
210 mm, 8 1/4"

Spreizzange zum Spreizen der Spekula  
spreader for specula  
pinza para abrir el espejulo  
pinze per aprire gli specoli

**HADEO**  
INSTRUMENTE GERMANY

Hypophysektomie Instrumente  
Pituitary Instruments  
Instrumentos para hipófisis  
Strumenti per ipofisi



PAPAVERO-CASPAR  
93610-11 80 x 11 mm  
93610-13 90 x 13 mm  
93610-15 100 x 15 mm

Spekula für trans-sphenoidale Hypophysektomie  
specula for trans-sphenoidale hypophysectomy  
espéculos para hipofisectomía transfenoidal  
specoli per ipofisectomia trasfenoidale



PAPAVERO-HARTMANN  
93615-01  
140 mm, 5 1/2"

Spreizer für Spekula  
spreader for specula  
pinza para abrir el espéculo  
pinze per aprire gli specoli

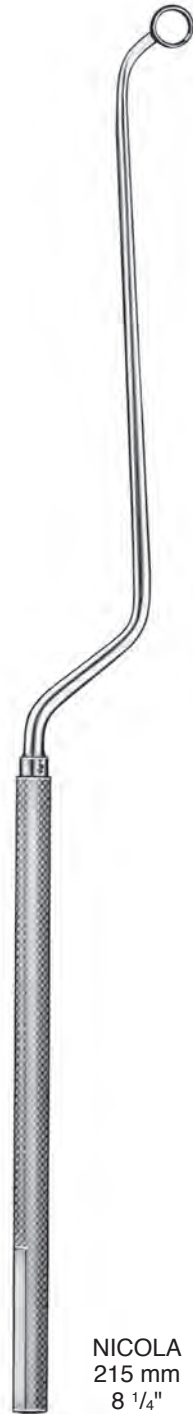


LANDOLT  
93620-14  
215 mm, 8 1/2"

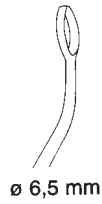


**HADEO**  
INSTRUMENTE GERMANY

Hypophysektomie-Instrumente  
Pituitary Instruments  
Instrumentos para hipofisis  
Strumenti per ipofisi



NICOLA  
215 mm  
8 1/4"



ø 6,5 mm

93660-01

Kürette, biegsam, nach rechts schneidend  
curette, malleable, cutting to the right  
cureta, maleable, cortante hacia la derecha  
curetta, malleabile, tagliente a destra



ø 6,5 mm

93660-02

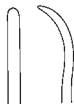
Kürette, biegsam, nach links schneidend  
curette, malleable, cutting to the left  
cureta, maleable, cortante hacia la izquierda  
curetta, malleabile, tagliente a sinistra



ø 6,5 mm

93660-03

Kürette, biegsam  
curette, malleable  
cureta, maleable  
curetta, malleabile



93660-04

Raspatorium  
raspatory  
legra  
raspatore

**HADEO**  
 INSTRUMENTE GERMANY

 Hypophysektomie-Instrumente  
 Pituitary Instruments  
 Instrumentos para hipófisis  
 Strumenti per ipofisi

 93670-01 245 mm / 9 3/4" rechts/right/derecha/a destra HARDY  
 93670-02 245 mm / 9 3/4" links/left/izquierda/a sinistra

 Eukleator, stumpf  
 enucleator, blunt  
 enucleador, romo  
 enucleatore, smusso

 93670-05 245 mm / 9 3/4" rechts/right/derecha/a destra HARDY  
 93670-06 245 mm / 9 3/4" links/left/izquierda/a sinistra

 Eukleator, scharf  
 enucleator, sharp  
 enucleador, cortante  
 enucleatore, tagliente


93670-09 245 mm / 9 3/4" HARDY

 Implantationsgabel  
 implant fork  
 horquilla de implante  
 forchetta per trapianti


93670-10 245 mm / 9 3/4" HARDY-FAHLBUSCH

 Dissektor, innen scharf  
 dissector sharpened inner edge  
 disector, lado interno cortante  
 disettore, lato interno sinistro tagliente


93670-12 245 mm / 9 3/4" HARDY-FAHLBUSCH

 Dissektor, innen scharf  
 dissector sharpened inner edge  
 disector, lado interno cortante  
 disettore, lato interno destro tagliente

**HADEO**  
 INSTRUMENTE GERMANY

 Hypophysektomie-Instrumente  
 Pituitary Instruments  
 Instrumentos para hipófisis  
 Strumenti per ipofisi

 93680-01 260 mm / 10 <sup>3</sup>/<sub>4</sub>" LANDOLT

rechts/right/derecha/a destra

 93680-02 260 mm / 10 <sup>3</sup>/<sub>4</sub>"

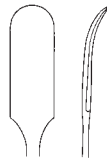
links/left/izquierda/a sinistra

Enukleator, stumpf, biegsam

enucleator, blunt, malleable

enucleador, romo, maleable

enucleatore, smusso, malleabile

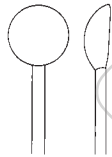

 93680-05 260 mm / 10 <sup>3</sup>/<sub>4</sub>" LANDOLT

Kürette, biegsam

curette, malleable

cureta, maleable

curetta, malleabile


 93680-06 260 mm / 10 <sup>3</sup>/<sub>4</sub>" LANDOLT

Löffel, biegsam

scoop, malleable

cucharilla, maleable

cucchiaio, malleabile


 93680-07 260 mm / 10 <sup>3</sup>/<sub>4</sub>" LANDOLT

stumpfes Hähchen, biegsam

blunt hook, malleable

gancho, romo, maleable

uncino smusso, malleabile


 93690-01 260 mm / 10 <sup>3</sup>/<sub>4</sub>" HOSOBUCHI

gabelförmige Spatel, fest

fork spatula, rigid

espátula forma horquilla, rígida

spatola forma a forchetta, rigida

**HADEO**  
INSTRUMENTE GERMANY

Hypophysenküretten  
Pituitary Currettes  
Cureta para hipófisis  
Curetta per ipofisi



**HARDY**  
24 cm, 9 1/2"  
93700-03 3 mm  
93700-05 5 mm

aufwärts gewinkelt  
angled up  
en ángulo hacia arriba  
angolato verso l'alto



**HARDY**  
24 cm, 9 1/2"  
93702-03 3 mm  
93702-05 5 mm

links gewinkelt  
left curved  
curvo hacia la izquierda  
curva a destra



**HARDY**  
24 cm, 9 1/2"  
93701-03 3 mm  
93701-05 5 mm

abwärts gewinkelt  
angled down  
ángulo hacia abajo  
angolato verso il basso

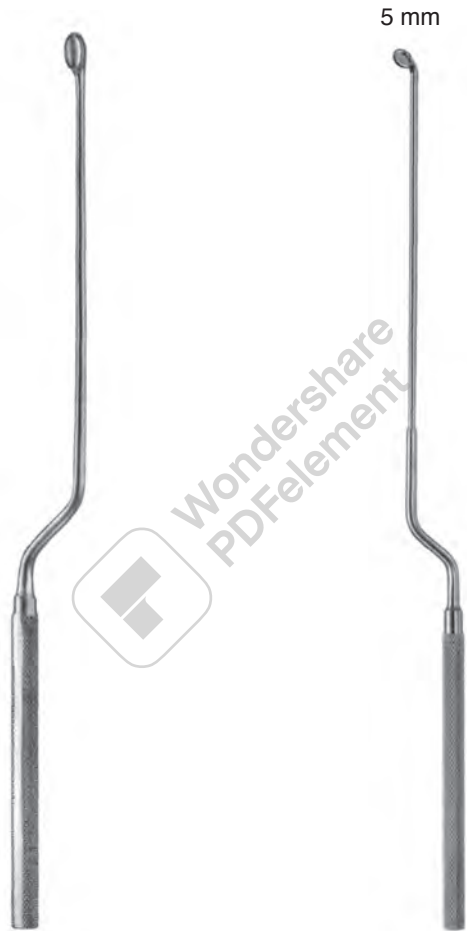


**HARDY**  
24 cm, 9 1/2"  
93703-03 3 mm  
93703-05 5 mm

rechts gewinkelt  
right curved  
curvo hacia la derecha  
curva a sinistra

**HADEO**  
INSTRUMENTE GERMANY

Hypophysektomie-Instrumente  
Pituitary Instruments  
Instrumentos para hipófisis  
Strumenti per ipofisi



HARDY  
93704-24  
23,5 cm, 9 1/4"

Löffel, biegsam  
Spoon, malleable  
Cucharilla, maleable  
Cucchiaio, malleabile

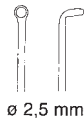
HARDY  
93705-00  
23 cm, 9"

Mikrospiegel  
Micro mirror  
Micro espejo  
Micro-specchio

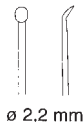
**HADEO**  
 INSTRUMENTE GERMANY

 Hypophysektomie-Instrumente  
 Pituitary Instruments  
 Instrumentos para hipófisis  
 Strumenti per ipofisi


93710-01 260 mm / 10 1/4" FAHLBUSCH

 Löffel, biegsam  
 scoop, malleable  
 cucharilla, maleable  
 cucchiaio, malleabile


93710-02 260 mm / 10 1/4" FAHLBUSCH

 Kürette, biegsam  
 curette, malleable  
 cureta, maleable  
 curetta, malleabile


93710-03 260 mm / 10 1/4" LANDOLT-REULEN

 Raspatorium, fest  
 raspatories, rigid  
 legra, rígida  
 raspatore, rigido


93710-04 260 mm / 10 1/4" LANDOLT-REULEN

 Raspatorium, fest  
 raspatories, rigid  
 legra, rígida  
 raspatore, rigido


93710-05 260 mm / 10 1/4" LANDOLT-REULEN

 Kürette, fest  
 curette, rigid  
 cureta, rígida  
 curetta, rigido

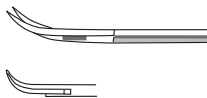
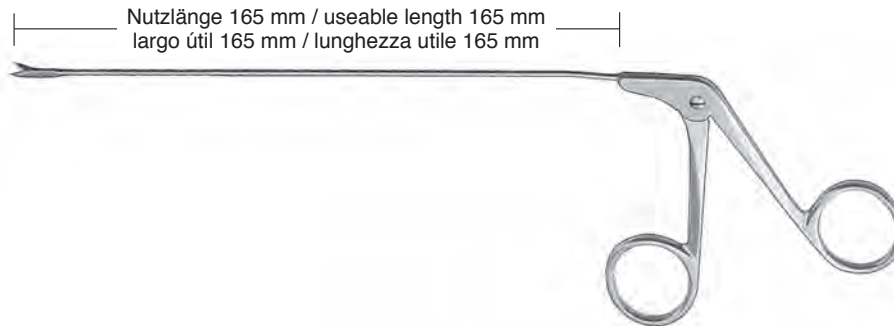

93710-06 260 mm / 10 1/4" LANDOLT-REULEN

 stumpfes Häkchen, fest  
 blunt hook, rigid  
 gancho, romo, rígido  
 uncino smusso, rigida

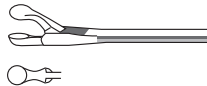

93710-07 260 mm / 10 1/4" LANDOLT-REULEN

 Dissektor, fest  
 dissector, rigid  
 disector, rígido  
 dissettore, rigida

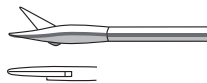
**HADEO**  
 INSTRUMENTE GERMANY

 Hypophysektomie-Instrumente  
 Pituitary Instruments  
 Instrumentos para hipófisis  
 Strumenti per ipofisi


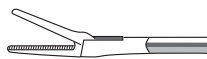
93720-01 165 mm / 6 1/2" FAHLBUSCH

 Mikro-Schere, gebogen, horizontal schneidend  
 Micro scissors, horizontal cutting  
 Micro-tijera, curva, cortante en forma horizontal  
 Micro forbice, curva, tagliante orizzontale


93720-02 165 mm / 6 1/2" NICOLA

 Scharfe Zange  
 Forceps scoop-shaped  
 Pinza en forma de cuchara, cortante  
 Pinze tagliente


93720-03 165 mm / 6 1/2" NICOLA

 Mikro-Schere, gerade  
 Micro Scissors, straight  
 Micro-tijera, recta  
 Micro forbice, retta


93720-04 165 mm / 6 1/2" YASARGIL-NICOLA

 Faßzange  
 Grasping Forceps  
 Pinza de agarre  
 Pinze da presa




Hypophysectomie-Instrumente  
 Pituitary Instruments  
 Instrumentos para hipófisis  
 Strumenti per ipofisi

Nutzlänge 80 mm / useable length 80 mm  
 largo útil 80 mm / lunghezza utile 80 mm

Mikrozangen  
 Micro forceps  
 Micro-pinzas  
 Micro pinze



4 mm



6 mm

gerade  
 straight  
 recta  
 retta



93730-04



93730-06

aufgebogen  
 angled up  
 curva hacia arriba  
 curva in alto



93731-04

Löffelzangen  
 Cup-shaped Forceps  
 Pinzas en forma de cuchara  
 Pinze, morso a forma di cucchiaio

gerade  
 straight  
 recta  
 retta

rund  
 round  
 redondo  
 rotondo



93740-01

oval  
 oval  
 oval  
 ovale



93740-02

Mikro-Scheren  
 Micro Scissors  
 Micro tijeras  
 Micro Forbici

gerade  
 straight  
 recta  
 retta



93750-01

rechts gebogen  
 curved right  
 curva hacia la derecha  
 curva a destra



93750-03

aufgebogen  
 angled up  
 curva hacia arriba  
 curva in alto



93750-02

links gebogen  
 curved left  
 curva hacia la izquierda  
 curva a sinistra



93750-04



HIRNSPATEL

BRAIN SPATULAS

ESPÁTULAS CEREBRALES

SPATOLE CEREBRALI

**HADEO**  
INSTRUMENTE GERMANY

[www.hadeo.co](http://www.hadeo.co)

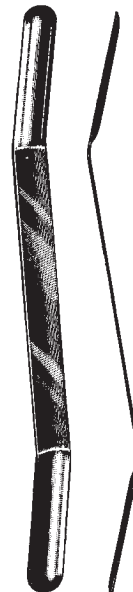
# HADEO

INSTRUMENTE GERMANY

Hirnspatel  
Brain Spatulas  
Espátulas cerebrales  
Spatole cerebrali



biegsam  
malleable  
maleable  
malleabile



#### AACHEN

41249-07	7/8 x 200 mm
41249-10	10/11 x 200 mm
41249-13	13/14 x 200 mm
41249-16	16/17 x 200 mm
41249-19	19/20 x 200 mm
41249-22	22/25 x 200 mm

#### CUSHING

41250-11	8 x 10 mm
41250-15	13 x 15 mm
41250-18	16 x 18 mm

#### OLIVECRONA

41253-07	7/9 mm
41253-11	11/13 mm
41253-15	15/18 mm
41253-18	18/22 mm



Hirnspatel  
Brain Spatulas  
Espátulas cerebrales  
Spatole cerebrali



biegsam  
malleable  
maleable  
malleabile

DAVIS  
18 cm, 7"

- 41254-06 6 mm
- 41254-10 9 mm
- 41254-13 13 mm
- 41254-16 16 mm
- 41254-19 19 mm
- 41254-25 25 mm
- 41254-32 32 mm
- 41254-38 38 mm



200 mm / 8"  
41860-14 14 mm  
41860-17 17 mm  
41860-20 20 mm

155 mm / 6"  
41870-08 8 mm  
41870-11 11 mm  
41870-14 14 mm  
41870-17 17 mm

HEIFETZ

biegsam  
malleable  
maleable  
malleabile



biegsam  
malleable  
maleable  
malleabile

- 41880-01 9 x 200 mm, 8"
- 41880-02 12 x 200 mm, 8"
- 41880-03 12 x 250 mm, 10"

**HADEO**  
INSTRUMENTE GERMANY

LEYLA Retraktor System  
LEYLA Retractor System  
Separador de sistema LEYLA  
LEYLA Sistema di fissaggio



#### YASARGIL

41801-01 Hirnspatelhalter, flexibel, für 1 flachen Spatel, komplett, bestehend aus:  
brain retractor, flexible, for 1 flat spatula, complete, consisting of:  
separador autoretentivo, flexible, para espátula con 1 brazo flexible, completo, compuesto de:  
divaricatore autostatico, flessibile, per spatole piatte, con 1 braccio flessibile, completo, composto da:

41810-10 flexibler Spannarm  
flexible arm  
brazo flexible  
braccio flessibile

41826-26 Fixiervorrichtung für 1 flexiblen Spannarm  
fixation base for 1 flexible arm  
fijador para 1 brazo flexible  
fissatore per 1 braccio al braccio rigido

41830-30 Spatelhalter für flache Spatel  
support for flat brain spatula  
soporte para espátulas cerebrales planas  
sostegno per spatole piatte

#### YASARGIL

41802-02 Hirnspatelhalter, flexibel für 2 flache Spatel, komplett, bestehend aus:  
brain retractor, flexible, for 2 flat spatulas, complete, consisting of:  
separador autoretentivo, flexible, para 2 espátulas planas con 2 brazos flexibles, completo, compuesto de:  
divaricatore autostatico, flessibile, per spatole piatte, con 2 bracci flessibili, completo, composto da:

41810-10 flexibler Spannarm (2x)  
flexible arm (2x)  
brazo flexible (2x)  
braccio flessibile (2x)

41822-22 Fixiervorrichtung für 2 flexible Spannarme  
fixation base for 2 flexible arms  
fijador para 2 brazos  
fissatore per 2 bracci al cranio

41830-30 Spatelhalter für flache Spatel (2x)  
support for flat brain spatula (2x)  
soporte para espátulas cerebrales planas (2x)  
sostegno per spatole piatte (2x)



**HADEO**  
 INSTRUMENTE GERMANY

 LEYLA Retraktor System  
 LEYLA Retractor System  
 Separador de sistema LEYLA  
 LEYLA Sistema di fissaggio

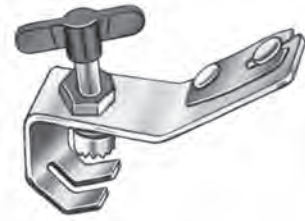
41821-21

 Fixiervorrichtung für 1 flexiblen Spannarm zum Festschrauben an Rohrteilen bis  
 ø 16 mm

Fixation base for mounting on bars up to ø16 mm, for 1 flexible arm

Fijador para 1 brazo flexible, para atornillar a tubos hasta 16 mm

Fissatore per 1 braccio al braccio rigido



41822-22

Fixiervorrichtung für 2 flexible Spannarme zum Festschrauben am Schädel

Fixation base for skull mounting, holding 2 flexible arms

Fijador para 2 brazos flexibles, para atornillar al craneo

Fissatore per 2 bracci al cranio



41826-26

Fixiervorrichtung für 1 flexiblen Spannarm zum Festschrauben am Schädel

Fixation base for skull mounting, holding 1 flexible arm

Fijador para 1 brazos flexibles, para atornillar al craneo

Fissatore per 1 braccio al cranio



41830-30

Spatelhalter für flache Hirnspatel zur Befestigung am Spannarm

Support for flat brain spatula

Soporte para espátulas cerebrales planas para fijacion al brazo flexible

Sostegno per spatole piate



41832-32

Halter für Hirnspatel mit rundem Schaft bis ø 5,5 mm zur Befestigung am Spannarm

Support for brain spatula with round shaft

Soporte para espátulas cerebrales con mango redondo hasta ø 5,5 mm para

fijacion al brazo flexible

Sostegno flessibile per spatola cerebrale



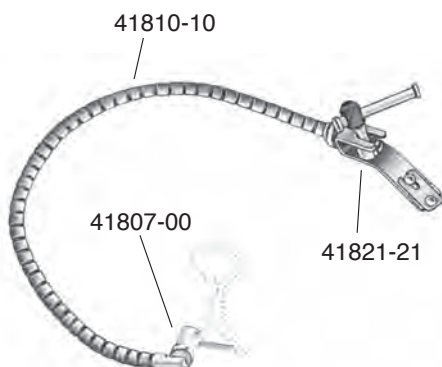
**HADEO**  
INSTRUMENTE GERMANY

LEYLA Retraktor System  
LEYLA Retractor System  
Separador de sistema LEYLA  
LEYLA Sistema di fissaggio



YASARGIL

41810-10 flexibler Spannarm, allein  
flexible arm, only  
brazo flexible, suelto  
braccio flessibile, solo



YASARGIL

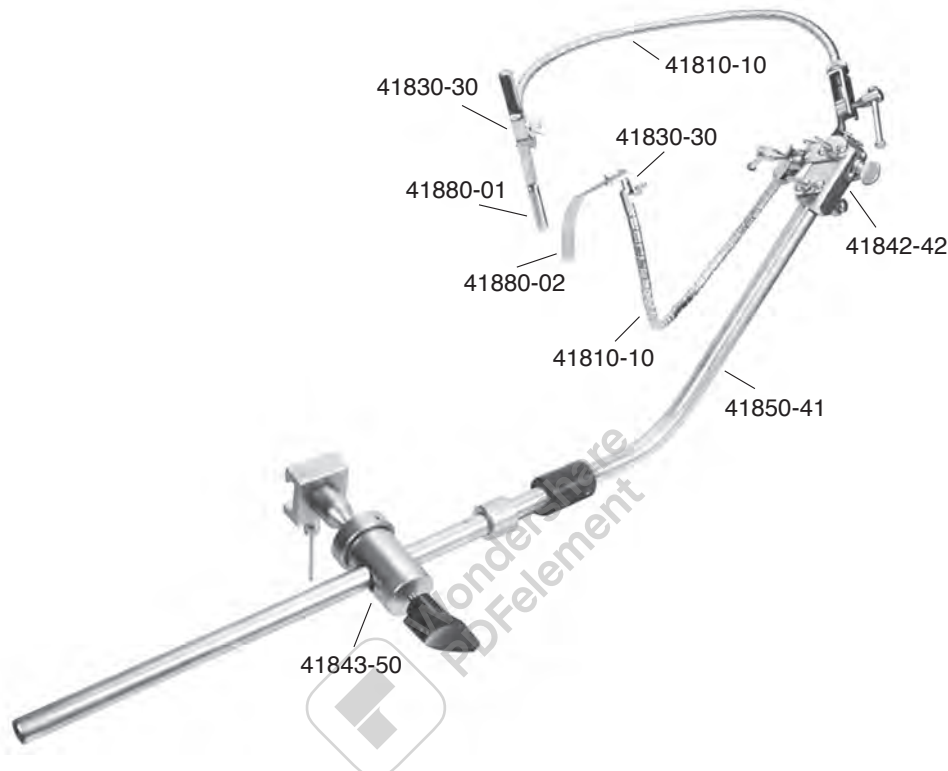
41803-01 Ohrspekulahalter, komplett, bestehend aus:  
ear specula holder, complete, consisting of:  
soporte para espejos auriculares completo,  
compuesto de:  
sostegno per specolo auricolare, completo  
composto da:

41810-10 flexibler Spannarm  
flexible arm, only  
brazo flexible, suelto  
braccio flessibile, solo

41821-21 Fixiervorrichtung zum Befestigen an Rohrteilen  
bis Ø 16 mm  
clamp for fixation on bars up to Ø 16 mm  
fijador para 1 brazo flexible, para atornillar a  
tubos hasta 16 mm  
fissatore al braccio rigido Ø 16 mm

41807-00 Ohrtrichterhalter, allein  
ear specula holder, only  
soporte para espejos auriculares, suelto  
sostegno per specolo auricolare

**HADEO**  
 INSTRUMENTE GERMANY

 LEYLA Retraktor System  
 LEYLA Retractor System  
 Separador de sistema LEYLA  
 LEYLA Sistema di fissaggio


41802-00 LEYLA-Retraktor-System zum Fixieren am OP-Tisch komplett, bestehend aus:

LEYLA Self-Retraining Retractor for fixation to operating table, complete, consisting of:

Separador LEYLA para fijación a la mesa de operaciones, completo, compuesto de:

LEYLA Sistema di fissaggio al tavolo operatorio, composto da:

- |   |  |
|---|--|
| 41843-50 Kugelgelenkkloben (1x)<br>ball and socket joint (1x)<br>articulacion esferica (1x)<br>giunto per fissare (1x)        | 41830-30 Spatelhalter für flache Spatel (2x)<br>support for flat brain spatula (2x)<br>soporte para espátulas cerebrales planas (2x)<br>sostegno per spatole piatte (2x) |
| 41850-41 starrer Haltearm (1x)<br>rigid holding rod (1x)<br>brazo de fijación rigido (1x)<br>braccio di fissaggio rigido (1x) | 41880-01 CUSHING Hirnspatel (1x)<br>CUSHING brain spatula (1x)<br>CUSHING espátula para cerebro (1x)<br>CUSHING spatola cerebrale (1x)                                   |
| 41842-42 Kupplungskopf (1x)<br>coupling head (1x)<br>cabeza de acoplamiento (1x)<br>giunto per combinare (1x)                 | 41880-02 CUSHING Hirnspatel (1x)<br>CUSHING brain spatula (1x)<br>CUSHING espátula para cerebro (1x)<br>CUSHING spatola cerebrale (1x)                                   |
| 41810-10 flexibler Spannarm (2x)<br>flexible arm, only (2x)<br>brazo flexible, suelto (2x)<br>braccio flessibile, solo (2x)   |  |

**HADEO**  
 INSTRUMENTE GERMANY

LEYLE Retraktor System  
 LEYLE Retractor System  
 Separador de sistema LEYLE  
 LEYLE Sistema di fissaggio



41843-50 Kugelgelenkkloben  
 zum Befestigen an der OP-Tisch-  
 schiene und zur Aufnahme des  
 Haltearms 41850-41

ball and socket joint  
 for fixation of holding rod 41850-41  
 at the operating table

articulacion esferica, para sujetar el  
 brazo de soporte rigido sobre la  
 mesa de operaciones 9 x 32 mm  
 giunto per fissare il braccio, articola-  
 to 9 x 32 mm



41850-41 starrer Haltearm, auseinandernehmbar, zur Fixation im  
 Kugelgelenkkloben 41843-50 und zur wahlweisen Auf-  
 nahme der Kupplungsköpfe 41842-42, 41842-44 und  
 41842-46

holding rod, detachable, for fixation in ball and socket  
 joint 41843-50 and to hold a desired coupling head  
 41842-42, 41842-44 or 41842-46

brazo de soporte rigido, desmontable, para fijacion a la  
 articulacion esferica 41843-50 y opcionalmente a las  
 cabezas 41842-42, 41842-44 y 41842-46

braccio di sostegno rigido, per fissaggio al giunto  
 41843-50 e dei giunti 41842-42, 41842-44 e 41842-46



41842-42 Kupplungskopf, zur Aufnahme von  
 max. 5 flexiblen Spannarmen  
 41810-10

coupling head to hold 5 flexible  
 arms 41810-10  
 cabeza de acoplamiento para fijar  
 hasta 5 brazos flexibles  
 giunto per combinare 5 bracci



41842-44 Kupplungskopf, drehbar, zur Aufnahme von 1 flexiblen  
 Spannarm 41810-10

coupling head, turnable, to hold 1 flexible arm 41810-10  
 acoplamiento, girable y se puede fijar en todas las  
 posturas para sujetar un brazo flexible 41810-10  
 giunto per combinare, rotabile, per sostegno del braccio  
 41810-10

41842-46 Kupplungskopf, seitlich offen zur Aufnahme von 1  
 flexiblen Spannarm 41810-10

coupling head, lateral open, to hold 1 flexible arm  
 41810-10  
 acoplamiento, abierto al lado, para un brazo flexible  
 41810-10  
 giunto per fissare il braccio, per 41810-10



STANZEN

PUNCHES

PINZAS SACABOCADO

PINZE LAMINOTOMO

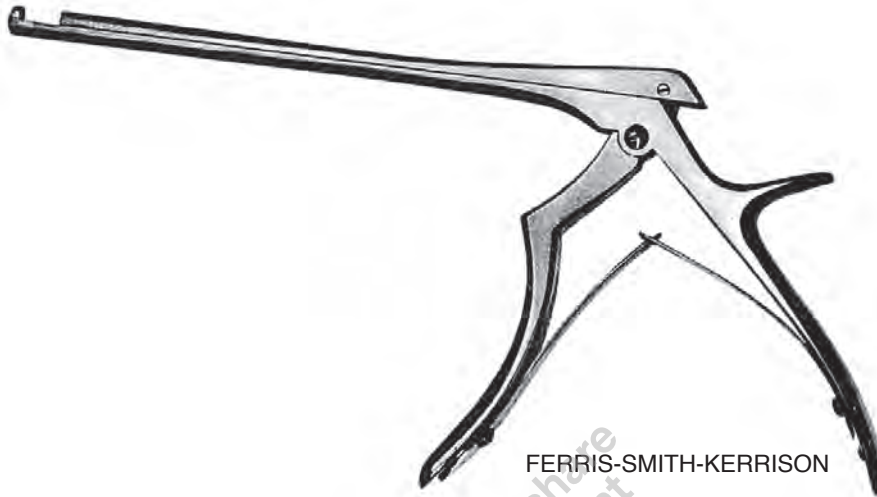


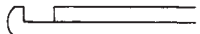

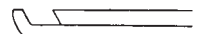
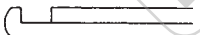
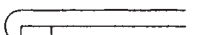
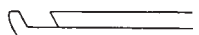
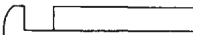
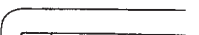
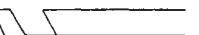
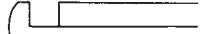


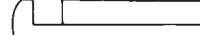
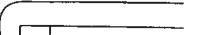
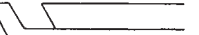
[www.hadeo.co](http://www.hadeo.co)



**HADEO**  
INSTRUMENTE GERMANY

Bandscheibenstanzen  
Intervertebral Disc Rongeurs  
Pinzas sacabocado para discos intervertebrales  
Pinze taglienti per dischi intervertebrali

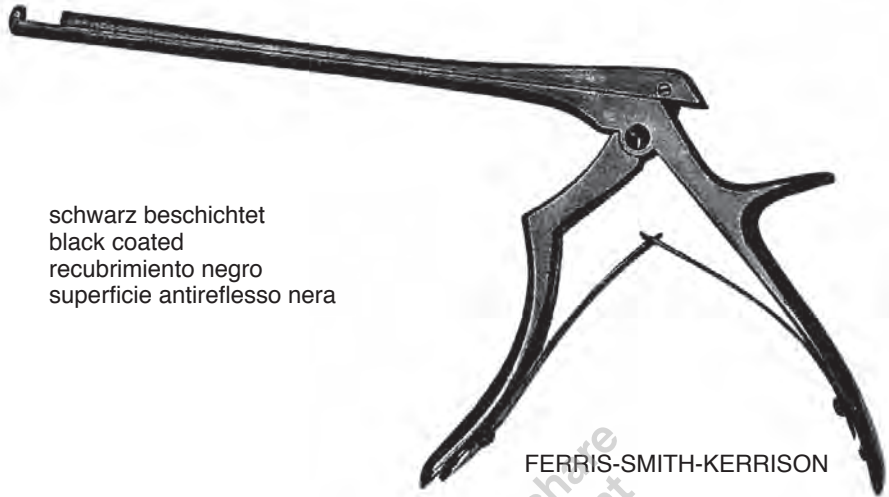


	90°	90°	40°
18 cm, 7" 20 cm, 8"	 41510-01 1 mm 41513-01 1 mm	 41511-01 1 mm 41514-01 1 mm	 41512-01 1 mm 41515-01 1 mm
18 cm, 7" 20 cm, 8"	 41510-02 2 mm 41513-02 2 mm	 41511-02 2 mm 41514-02 2 mm	 41512-02 2 mm 41515-02 2 mm
18 cm, 7" 20 cm, 8"	 41510-03 3 mm 41513-03 3 mm	 41511-03 3 mm 41514-03 3 mm	 41512-03 3 mm 41515-03 3 mm
18 cm, 7" 20 cm, 8"	 41510-04 4 mm 41513-04 4 mm	 41511-04 4 mm 41514-04 4 mm	 41512-04 4 mm 41515-04 4 mm
18 cm, 7" 20 cm, 8"	 41510-05 5 mm 41513-05 5 mm	 41511-05 5 mm 41514-05 5 mm	 41512-05 5 mm 41515-05 5 mm

auch lieferbar mit Dünnfuß  
also available with thin foot plate  
tambien disponible con lámina de punzonar estrecha  
anche disponibile con morso sottile


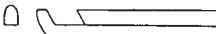
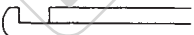

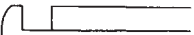
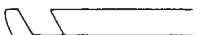
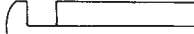


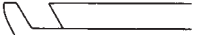


Bandscheibenstanzen  
 Intervertebral Disc Rongeurs  
 Pinzas sacabocado para discos intervertebrales  
 Pinze taglienti per dischi intervertebrali



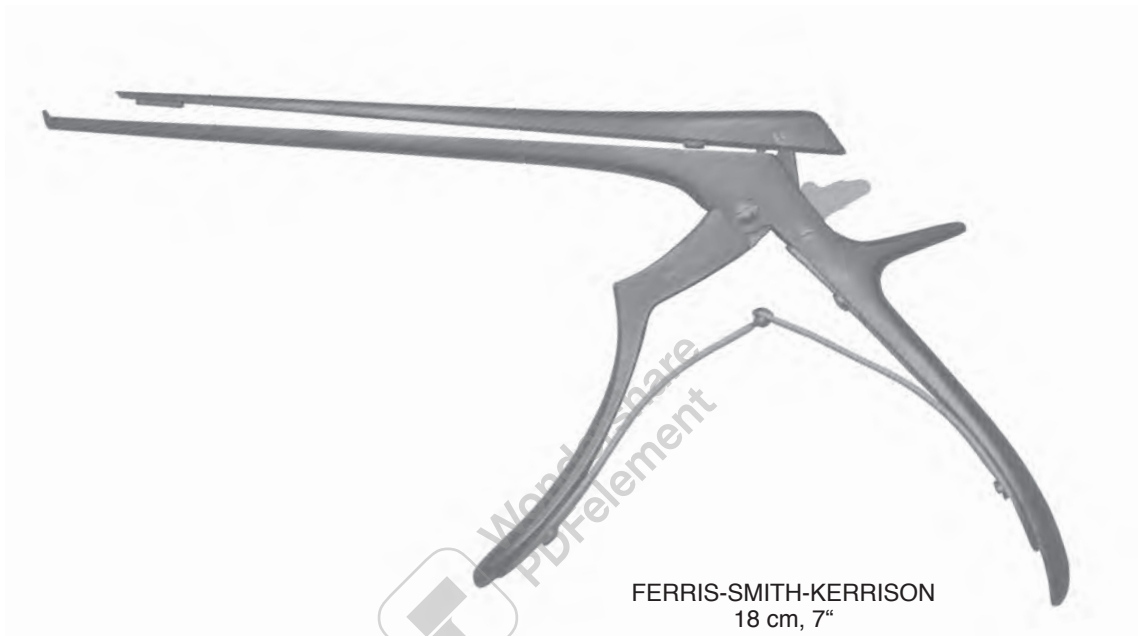
schwarz beschichtet  
 black coated  
 recubrimiento negro  
 superficie antireflesso nera

FERRIS-SMITH-KERRISON

	90°		40°
18 cm, 7"	 41510-01B 1 mm		 41512-01B 1 mm
20 cm, 8"	41513-01B 1 mm		41515-01B 1 mm
18 cm, 7"	 41510-02B 2 mm		 41512-02B 2 mm
20 cm, 8"	41513-02B 2 mm		41515-02B 2 mm
18 cm, 7"	 41510-03B 3 mm		 41512-03B 3 mm
20 cm, 8"	41513-03B 3 mm		41515-03B 3 mm
18 cm, 7"	 41510-04B 4 mm		 41512-04B 4 mm
20 cm, 8"	41513-04B 4 mm		41515-04B 4 mm
18 cm, 7"	 41510-05B 5 mm		 41512-05B 5 mm
20 cm, 8"	41513-05B 5 mm		41515-05B 5 mm

**HADEO**  
INSTRUMENTE GERMANY

Bandscheibenstanzen, zerlegbar  
Intervertebral Disc Rongeurs, dismantable  
Pinzas sacabocado para discos intervertebrales, desmontable  
Pinze taglienti per dischi intervertebrali, smontabile a fucile



90°



41540-02 2 mm

41540-03 3 mm

41540-04 4 mm

41540-05 5 mm

130°



41542-02 2 mm

41542-03 3 mm

41542-04 4 mm

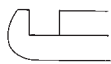
41542-05 5 mm

**HADEO**  
 INSTRUMENTE GERMANY

Bandscheibenstanzen, zerlegbar  
 Intervertebral Disc Rongeurs, dismantable  
 Pinzas sacabocado para discos intervertebrales, desmontable  
 Pinze taglianti per dischi intervertebrali, smontabile a fucile



90°



41540-02B 2 mm

41540-03B 3 mm

41540-04B 4 mm

41540-05B 5 mm

130°



41542-02B 2 mm

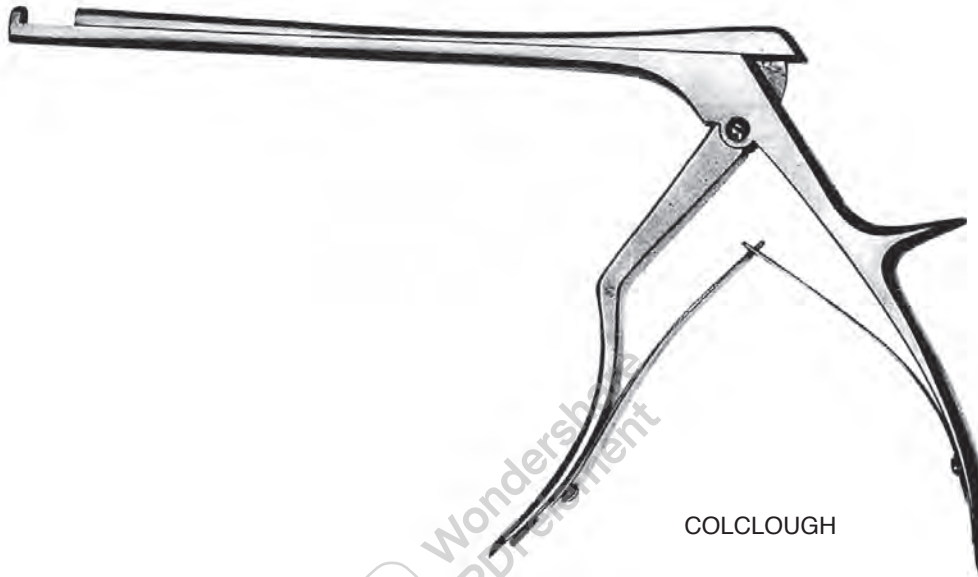
41542-03B 3 mm

41542-04B 4 mm

41542-05B 5 mm

**HADEO**  
INSTRUMENTE GERMANY

Bandscheibenstanzen  
Intervertebral Disc Rongeurs  
Pinzas sacabocado para discos intervertebrales  
Pinze taglienti per dischi intervertebrali



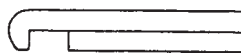
COLCLOUGH



3 mm  
41520-03 15 cm, 6"  
41522-03 20 cm, 8"



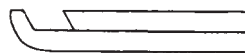
5 mm  
41520-05 15 cm, 6"  
41522-05 20 cm, 8"



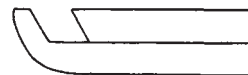
3 mm  
41524-03 15 cm, 6"  
41526-03 20 cm, 8"



5 mm  
41524-05 15 cm, 6"  
41526-05 20 cm, 8"



3 mm  
41527-03 15 cm, 6"  
41529-03 20 cm, 8"



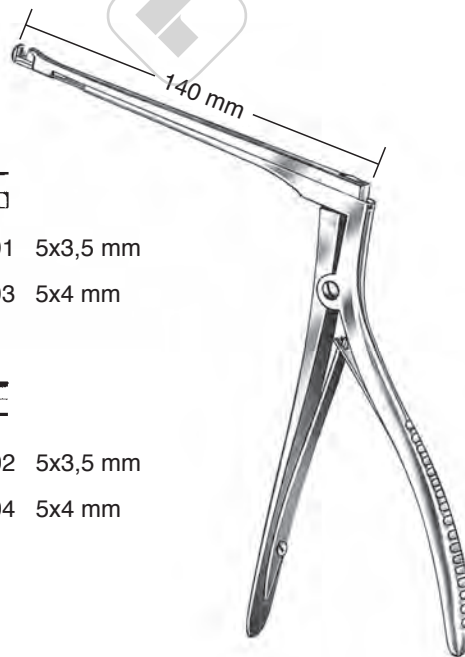
5 mm  
41527-05 15 cm, 6"  
41529-05 20 cm, 8"

**HADEO**  
INSTRUMENTE GERMANY

Stanzen  
Punches  
Pinzas  
Pinze-Punzoni



**KERRISON**  
17 cm, 6 3/4"  
3x3 mm 47303-03  
4x4 mm 47303-04  
5x5 mm 47303-05  
6x6 mm 47303-06



⌒ 47304-01 5x3,5 mm

⌒ 47304-03 5x4 mm



⌒ 47304-02 5x3,5 mm

⌒ 47304-04 5x4 mm

**HAJEK-KOFLER**  
47304-01 - 47304-04

**HADEO**  
INSTRUMENTE GERMANY

Stanzen  
Punches  
Pinzas  
Pinze-Punzoni



CITELLI  
47311-10 1,0 mm  
47311-25 2,5 mm  
47311-30 3,0 mm



HAJEK-KOFLER  
47316-16  
3,5 mm





CLIPS

CLIPS

CLIPS

CLIPS PER ANEURISMA



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**HADEO**  
INSTRUMENTE GERMANY

YASARGIL – Aneurysmen – Gefäß – Clips  
 YASARGIL – Aneurysm – Vessel – Clips  
 YASARGIL – Clips para aneurisma  
 YASARGIL – Clips per aneurisma

aus hochwertigem Implantat-Stahl antimagnetisch  
 in high quality Implant steel antimagnetic  
 de acero inoxidable para implantes de alta calidad, antimagnético  
 Prodotto in acciaio di alta qualità, antimagnetico

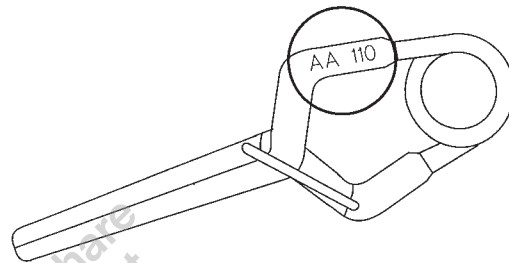
## Features of the Clip

### SERIAL-NUMBER

Each clip is coded with an individual serial number – marked by laser technology-  
 The serial number guarantees a detailed follow-up of

- the whole production process
- the closure force
- from raw material to the final product

These informations are registered in our company for the period of 10 years.



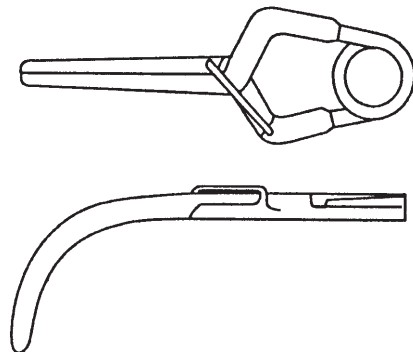
### PACKING – LABELING

Each clip is individually packaged in a transparent box made of resistant plastic.  
 Special wishes of customers regarding the packaging will be considered by us. This will be marked on an internal instruction.

The transparent box is marked with a label in order to assure a quick and sure identification of the clip.

On the label you can find the following data:

- catalogue number
- Product description
- Illustration
- Closing force in g
- Tolerance range of closing force
- Blade length
- Maximum opening
- Blade geometry
- Serial number
- Jaw profile
- Material description
- Lot number
- the notes "NOT STERILE"
- WARNING



**HADEO**  
 INSTRUMENTE GERMANY

YASARGIL – Aneurysmen – Gefäß – Clips  
 YASARGIL – Aneurysm – Vessel – Clips  
 YASARGIL – Clips para aneurisma  
 YASARGIL – Clips per aneurisma

aus hochwertigem Implantat-Stahl antimagnetisch  
 in high quality Implant steel antimagnetic  
 de acero inoxidable para implantes de alta calidad, antimagnético  
 Prodotto in acciaio di alta qualità, antimagnetico

## Features of the Clip

### JAW-PROFILE

The rounded, pyramid-like structure is stamped into the jaw through a special step in production and prevents sharp edged which could perforate an aneurysm

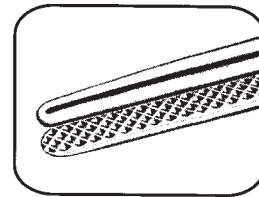
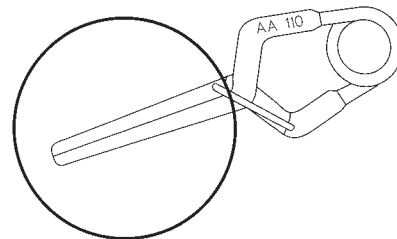
No edges or burrs through additional rounding of structures that border the clip outer side because of this, real atraumatic application of the clip

Increased surface area due to the pyramid-like design of the jaws inner surface the cross-like structure of the inner jaws pyramid surface doubles the tissue-holding area.

The applied pressure distributes itself evenly over the length of the jaw.

The convex closure of the clip assures an atraumatic and secure closure of the aneurysm.

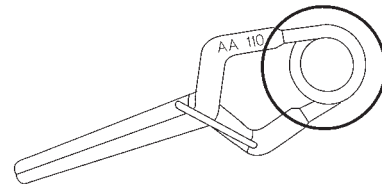
Sliding of the clip is prevented.



### SPRING-DESIGN

The spring size, which is different in the Standard and Mini clips, is the same within the same type of the Clip.

Through this, the highest degree of a secure fit is ensured by the clip applicator (clip/clip applicator fit)



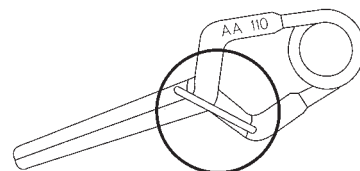
### LINK-DESIGN

Laser welded

The link ensures the precise guidance of the jaws and a "soft" opening of the clip during the whole spreading process.

The contact surface of the jaws are guided symmetrically in an exact way "over the whole length" this fact guarantees an additional stability of the clip.

No over-stress of the material because the design of the link limits the maximum opening width.



**HADEO**  
INSTRUMENTE GERMANY

YASARGIL – Aneurysmen – Gefäß – Clips  
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YASARGIL – Clips para aneurisma  
YASARGIL – Clips per aneurisma

aus hochwertigem Implantat-Stahl antimagnetisch  
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Prodotto in acciaio di alta qualità, antimagnetico

## Features of the Clip

### CLOSING-FORCE

The closing force is measured at one third of the jaw length and an opening of 0,5 mm.

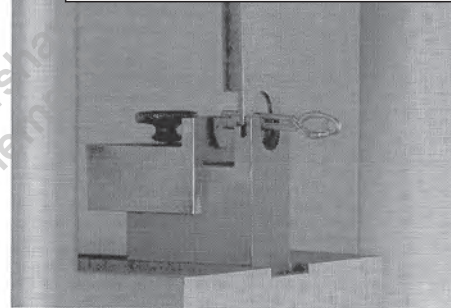
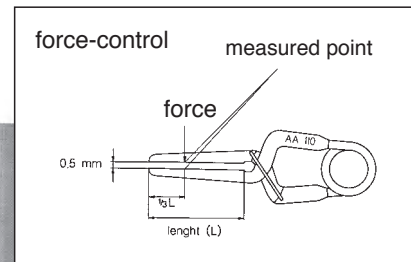
The final quality control of the clip is effected by a microprocessor-controlled measuring equipment.

The closing force is indicated exactly within a certain tolerance.

By the help of a special software program we assure that before the clip passes the final quality control its closure force is fixed.

As a consequence we exclude any kind of manipulation.

All relevant technical data are stored during the control procedure and printed on the label.



## Material and Quality Assurance

According to DIN 17445, implant steel is used in the production of our Aneurysm Clip

High stability characteristics

Excellent tissue compatibility

Secure closure of blood vessels

Antimagnetic

Ideally suited as implantation material

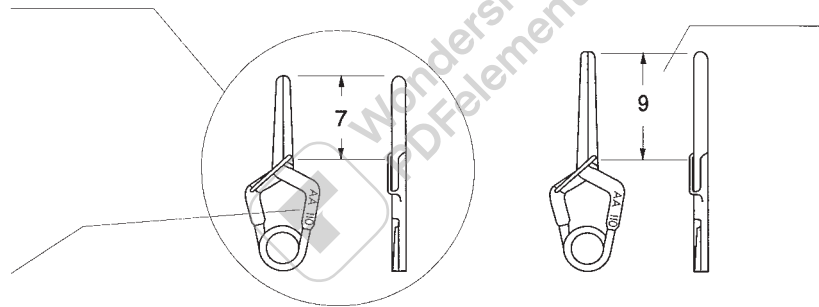
Security against over straining

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INSTRUMENTE GERMANY

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Erklärung zum Katalog-System  
Instructions for the catalogue-system  
Explicaciones para el sistema del catálogo  
Esempio del sistema del catalogo





YASARGIL – Aneurysmen – Gefäß – Clips  
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YASARGIL-STANDARD für permanenten Verschluss  
 YASARGIL-STANDARD for permanent closure  
 YASARGIL-STANDARD para cierre permanente  
 YASARGIL-STANDARD con chiusura permanente

Standard

Cat. Nr.	41600-62	41600-70	41600-78	41600-92	41601-10	41601-11
	<b>41600-62 T</b>	<b>41600-70 T</b>	<b>41600-78 T</b>	<b>41600-92 T</b>	<b>41601-10 T</b>	<b>41601-11 T</b>
max. opening	6,2 mm	7,0 mm	7,8 mm	9,2 mm	10,6 mm	11,4 mm
Force	150 gms	180 gms	180 gms	200 gms	200 gms	200 gms
	41601-13	41602-60	41602-68	41602-75	41602-87	41603-55
	<b>41601-13 T</b>	<b>41602-60 T</b>	<b>41602-68 T</b>	<b>41602-75 T</b>	<b>41602-87 T</b>	<b>41603-55 T</b>
	13,3 mm	6,0 mm	6,8 mm	7,5 mm	8,7 mm	5,5 mm
	200 gms	150 gms	180 gms	180 gms	200 gms	150 gms
	41603-61	41603-65	41603-74	41604-54	41604-58	41604-62
	<b>41603-61 T</b>	<b>41603-65 T</b>	<b>41603-74 T</b>	<b>41604-54 T</b>	<b>41604-58 T</b>	<b>41604-62 T</b>
	6,1 mm	6,5 mm	7,4 mm	5,4 mm	5,8 mm	6,2 mm
	180 gms	180 gms	200 gms	180 gms	180 gms	200 gms
	41604-79	41604-87	41604-87	41604-87	41604-87	41604-87
	<b>41604-79 T</b>	<b>41604-87 T</b>	<b>41604-87 T</b>	<b>41604-87 T</b>	<b>41604-87 T</b>	<b>41604-87 T</b>
	7,9 mm	8,7 mm	8,7 mm	8,7 mm	8,7 mm	8,7 mm
	200 gms	200 gms	200 gms	200 gms	200 gms	200 gms

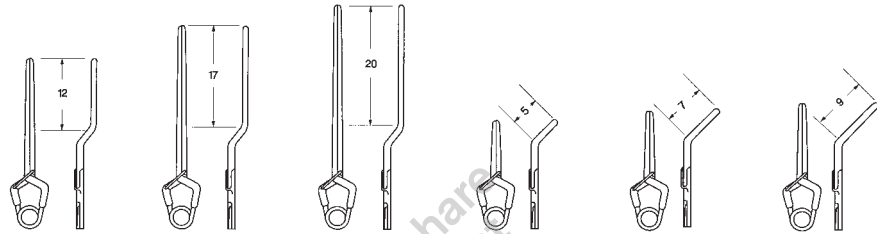


YASARGIL – Aneurysmen – Gefäß – Clips  
 YASARGIL – Aneurysm – Vessel – Clips  
 YASARGIL – Clips para aneurisma  
 YASARGIL – Clips per aneurisma

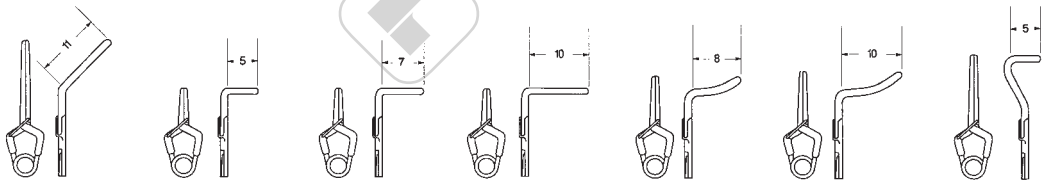
aus hochwertigem Implantat-Stahl antimagnetisch  
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 YASARGIL-STANDARD para cierre permanente  
 YASARGIL-STANDARD con chiusura permanente

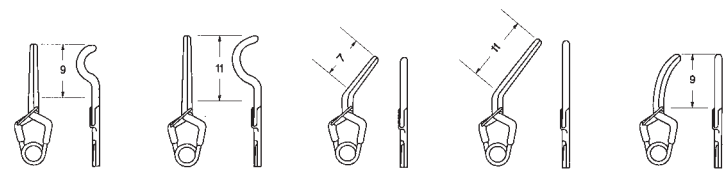
Standard



Cat. Nr.	41605-10 <b>41605-10 T</b>	41605-12 <b>41605-12 T</b>	41605-13 <b>41605-13 T</b>	41606-62 <b>41606-62-T</b>	41606-65 <b>41606-65 T</b>	41606-78 <b>41606-78 T</b>
max. opening Force	10,2 mm 200 gms	11,9 mm 180 gms	13,0 mm 180 gms	6,2 mm 200 gms	6,5 mm 200 gms	7,8 mm 200 gms



41606-84 <b>41606-84 T</b>	41607-56 <b>41607-56 T</b>	41607-57 <b>41607-57 T</b>	41607-58 <b>41607-58 T</b>	41607-59 <b>41607-59 T</b>	41607-60 <b>41607-60 T</b>	41607-72 <b>41607-72 T</b>
8,4 mm 200 gms	5,6 mm 200 gms	5,6 mm 200 gms	5,6 mm 200 gms	5,4 mm 200 gms	5,6 mm 200 gms	7,2 mm 200 gms



41607-73 <b>41607-73 T</b>	41607-82 <b>41607-82 T</b>	41608-57 <b>41608-57 T</b>	41608-80 <b>41608-80 T</b>	41609-70 <b>41609-70 T</b>
7,2 mm 200 gms	8,2 mm 200 gms	5,7 mm 200 gms	8,0 mm 200 gms	7,0 mm 200 gms

# HADEO

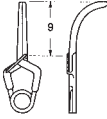
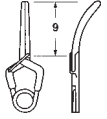
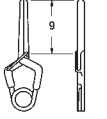
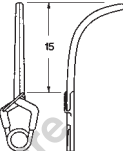
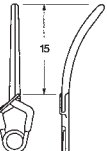
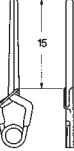
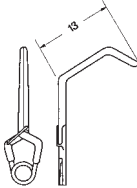
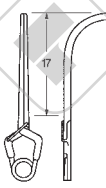
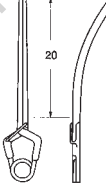
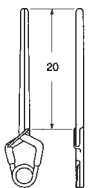
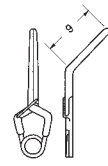
INSTRUMENTE GERMANY

YASARGIL – Aneurysmen – Gefäß – Clips  
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YASARGIL-STANDARD für temporären Verschluss  
 YASARGIL-STANDARD for temporary closure  
 YASARGIL-STANDARD para cierre temporal  
 YASARGIL-STANDARD con chiusura temporanea

## Standard

						
Cat. Nr.	41610-61	41610-68	41610-70	41611-74	41611-87	41611-92
	<b>41610-61 T</b>	<b>41610-68 T</b>	<b>41610-70 T</b>	<b>41611-74 T</b>	<b>41611-87 T</b>	<b>41611-92 T</b>
max. opening	6,1 mm	6,8 mm	7,0 mm	7,4 mm	8,7 mm	9,2 mm
Force	70 gms	70 gms	70 gms	70 gms	70 gms	70 gms
						
	41612-07	41612-09	41612-11	41612-12	41612-62	
	<b>41612-07 T</b>	<b>41612-09 T</b>	<b>41612-11 T</b>	<b>41612-12 T</b>	<b>41612-62 T</b>	
	7,5 mm	9,9 mm	11,0 mm	11,4 mm	6,2 mm	
	90 gms	90 gms	90 gms	90 gms	70 gms	



**HADEO**  
 INSTRUMENTE GERMANY

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 YASARGIL-STANDARD para cierre permanente  
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**Standard**

Cat. Nr.	41613-74	41613-84	41613-96	41614-58	41614-65	41614-72
	<b>41613-74 T</b>	<b>41613-84 T</b>	<b>41613-96 T</b>	<b>41614-58 T</b>	<b>41614-65 T</b>	<b>41614-72 T</b>
max. opening	7,4 mm	8,4 mm	9,6 mm	5,8 mm	6,5 mm	7,2 mm
Force	150 gms	150 gms	180 gms	150 gms	150 gms	180 gms
	41615-49	41615-50	41615-51			
	<b>41615-49 T</b>	<b>41615-50 T</b>	<b>41615-51 T</b>			
	4,9 mm	4,9 mm	4,9 mm			
	150 gms	150 gms	180 gms			

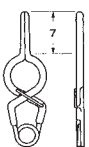
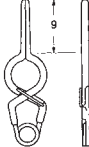
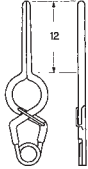
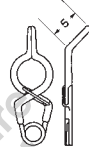
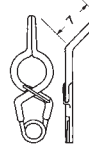
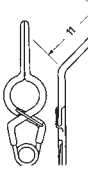
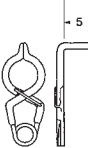
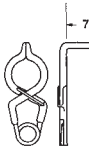
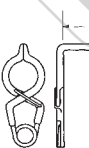
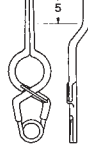
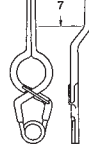
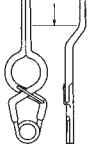
**HADEO**  
INSTRUMENTE GERMANY

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### Standard

						
Cat. Nr.	41616-79	41616-91	41617-10	41617-65	41617-72	41617-78
max. opening	7,9 mm	9,1 mm	10,3 mm	6,5 mm	7,2 mm	7,8 mm
Force	150 gms	150 gms	180 gms	150 gms	150 gms	180 gms
						
	41618-55	41618-56	41618-57	41618-79	41618-88	41619-00
	41618-55 T	41618-56 T	41618-57 T	41618-79 T	41618-88 T	41619-00 T
	5,5 mm	5,5 mm	5,5 mm	7,9 mm	8,8 mm	10,0 mm
	150 gms	150 gms	180 gms	150 gms	150 gms	180 gms



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 YASARGIL-STANDARD con chiusura permanente

Standard

Cat. Nr.	41620-58	41620-59	41620-60	41620-61	41620-62	41620-63
max. opening	5,8 mm	5,8 mm	5,8 mm	5,8 mm	5,8 mm	5,8 mm
Force	150 gms	150 gms	150 gms	150 gms	150 gms	150 gms
	41620-70	41620-78	41620-88	41621-58	41621-62	41622-58
	41620-70 T	41620-78 T	41620-88 T	41621-58 T	41621-62 T	41622-58 T
	7,0 mm	7,8 mm	8,8 mm	5,8 mm	6,2 mm	5,8 mm
	150 gms	150 gms	150 gms	150 gms	150 gms	150 gms
	41623-56	41624-56	41625-56	41626-56		
	41623-56 T	41624-56 T	41625-56 T	41626-56 T		
	5,6 mm	5,6 mm	5,6 mm	5,6 mm		
	150 gms	150 gms	150 gms	150 gms		



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 YASARGIL-STANDARD para cierre permanente  
 YASARGIL-STANDARD con chiusura permanente

Mini

Cat. Nr.	41627-33	41627-40	41628-33	41628-40	41628-46	41629-32
	<b>41627-33 T</b>	<b>41627-40 T</b>	<b>41628-33 T</b>	<b>41628-40 T</b>	<b>41628-46 T</b>	<b>41629-32 T</b>
max. opening	3,3 mm	4,0 mm	3,3 mm	4,0 mm	4,6 mm	3,2 mm
Force	110 gms	110 gms	110 gms	110 gms	110 gms	110 gms
	41629-38	41630-36	41630-38	41631-36	41631-40	41631-44
	<b>41629-38 T</b>	<b>41630-36 T</b>	<b>41630-38 T</b>	<b>41631-36 T</b>	<b>41631-40 T</b>	<b>41631-44 T</b>
	3,8 mm	3,6 mm	3,8 mm	3,6 mm	4,0 mm	4,4 mm
	110 gms	110 gms	110 gms	110 gms	110 gms	110 gms
	41633-35	41633-40	41634-35	41634-60	41634-70	41635-57
	<b>41633-35 T</b>	<b>41633-40 T</b>	<b>41634-35 T</b>	<b>41634-60 T</b>	<b>41634-70 T</b>	<b>41635-57 T</b>
	3,5 mm	4,0 mm	3,5 mm	6,0 mm	7,0 mm	5,7 mm
	110 gms	110 gms	130 gms	130 gms	130 gms	130 gms
	41636-45					
	<b>41636-45 T</b>					
	4,5 mm					
	130 gms					







**HADEO**  
 INSTRUMENTE GERMANY

YASARGIL – Aneurysmen – Gefäß – Clips  
 YASARGIL – Aneurysm – Vessel – Clips  
 YASARGIL – Clips para aneurisma  
 YASARGIL – Clips per aneurisma

aus hochwertigem Implantat-Stahl antimagnetisch  
 in high quality Implant steel antimagnetic  
 de acero inoxidable para implantes de alta calidad, antimagnético  
 Prodotto in acciaio di alta qualità, antimagnetico

YASARGIL-STANDARD für temporären Verschluss  
 YASARGIL-STANDARD for temporary closure  
 YASARGIL-STANDARD para cierre temporal  
 YASARGIL-STANDARD con chiusura temporanea

**Mini**

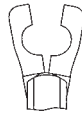
						
Cat. Nr.	41637-33 <b>41637-33 T</b>	41637-40 <b>41637-40 T</b>	41638-38 <b>41638-38 T</b>	41638-46 <b>41638-46 T</b>	41639-44 <b>41639-44 T</b>	41640-40 <b>41640-40 T</b>
max. opening	3,3 mm	4,0 mm	3,8 mm	4,6 mm	4,4 mm	4,0 mm
Force	50 gms	50 gms	50 gms	70 gms	70 gms	70 gms

**HADEO**  
INSTRUMENTE GERMANY

Anlegezange mit Rundgriff – FLEXIBEL – mit und ohne drehbarem Maulteil  
 Applying forceps with round shaft – FLEXIBLE – with and without rotation  
 Pinzas de aplicaci3n con mango redondo – FLEXIBLE – con y sin rotaci3n  
 Posa clips con manico rotondo guaina flessibile con sistema rotante ed non rotante

Länge		
Length		
Largo		
Lunghezza	MINI	STANDARD
70 mm	41641-07	41643-07
90 mm	41641-09	41643-09
110 mm	41641-11	41643-11

nicht drehbar  
 non rotating  
 no giratorio  
 non rotante

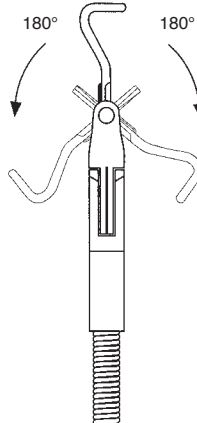


Länge		
Length		
Largo		
Lunghezza	MINI	STANDARD
70 mm	41642-07	41644-07
90 mm	41642-09	41644-09
110 mm	41642-11	41644-11

drehbar  
 rotating  
 giratorio  
 rotante

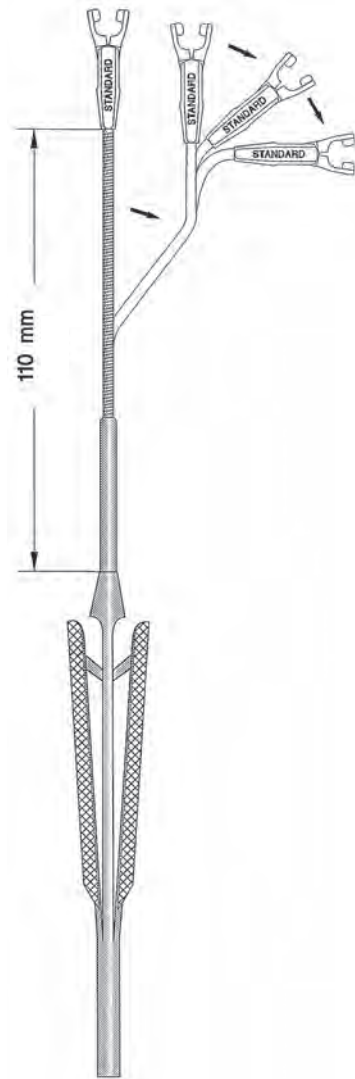


drehbar  
 rotating  
 giratorio  
 rotante



Beispiel für Drehmechanismus  
 Example for rotation  
 Ejemplo del mecanismo giratorio  
 Esempio della rotazione

Clips drehbar im Maul  
 Clips rotabile in jaw  
 Clips giratorios en la boca  
 Clips rotabile nel morso



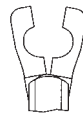
41641-07 - 41644-11



Anlegezange mit Rundgriff – starr – mit und ohne drehbarem Maulteil  
 Applying forceps with round shaft – rigid – with and without rotation  
 Pinzas de aplicación con mango redondo – rigido – con y sin rotación  
 Posa clips con manico rotondo guaina rigida con sistema rotante ed non rotante

Länge		
Length		
Largo		
Lunghezza	MINI	STANDARD
70 mm	41645-07	41647-07
90 mm	41645-09	41647-09
110 mm	41645-11	41647-11

nicht drehbar  
 non rotating  
 no giratorio  
 non rotante

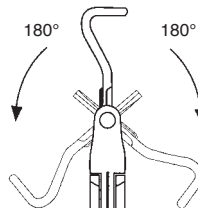


Länge		
Length		
Largo		
Lunghezza	MINI	STANDARD
70 mm	41646-07	41648-07
90 mm	41646-09	41648-09
110 mm	41646-11	41648-11

drehbar  
 rotating  
 giratorio  
 rotante

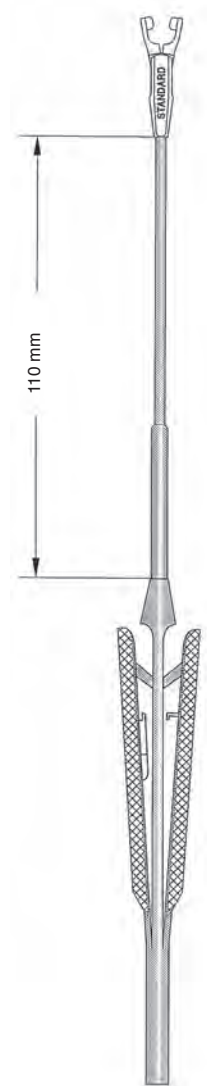


drehbar  
 rotating  
 giratorio  
 rotante



Beispiel für Drehmechanismus  
 Example for rotation  
 Ejemplo del mecanismo giratorio  
 Esempio della rotazione

Clips drehbar im Maul  
 Clips rotabile in jaw  
 Clips giratorios en la boca  
 Clips rotabile nel morso



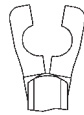
41645-07 - 41648-11

**HADEO**  
INSTRUMENTE GERMANY

Anlegezange mit Rundgriff – starr – mit und ohne drehbarem Maulteil  
 Applying forceps with round shaft – rigid – with and without rotation  
 Pinzas de aplicación con mango redondo – rígido – con y sin rotación  
 Posa clips con manico rotondo guaina rigida con sistema rotante ed non rotante

Länge		
Length		
Largo		
Lunghezza	MINI	STANDARD
70 mm	41649-07	41651-07
90 mm	41649-09	41651-09
110 mm	41649-11	41651-11

nicht drehbar  
 non rotating  
 no giratorio  
 non rotante

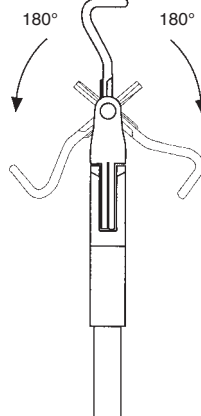


Länge		
Length		
Largo		
Lunghezza	MINI	STANDARD
70 mm	41650-07	41652-07
90 mm	41650-09	41652-09
110 mm	41650-11	41652-11

drehbar  
 rotating  
 giratorio  
 rotante

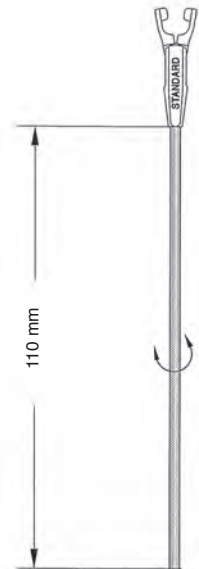


drehbar  
 rotating  
 giratorio  
 rotante



Beispiel für Drehmechanismus  
 Example for rotation  
 Ejemplo del mecanismo giratorio  
 Esempio della rotazione

Clips drehbar im Maul  
 Clips rotabile in jaw  
 Clips giratorios en la boca  
 Clips rotabile nel morso

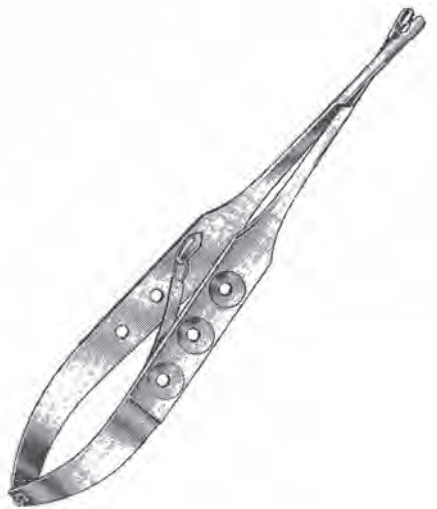


41649-07 - 41652-11



**HADEO**  
INSTRUMENTE GERMANY

Anlegezange – mit und ohne drehbarem Maulteil  
Applying Forceps – with and without rotation  
Pinzas de aplicación, con y sin rotación  
Pinza posa clips, con ed senza rotazione



MINI 41653-18  
STANDARD 41654-18  
MINI 41655-18 drehbar / rotating  
giratorio / rotante  
STANDARD 41656-18 drehbar / rotating  
giratorio / rotante

Anlegezange gerade, mit Sperre, Länge 18 cm, 7"  
Applying Forceps straight, with ratchet, Length 18 cm, 7"  
Pinza de aplicación, con cremallera, 18 cm, 7"  
Posa clips, retta con bloccaggio lunghezza 18 cm, 7"






Länge  
Length  
Largo  
Lunghezza 17 cm, 6 <sup>3</sup>/<sub>4</sub>" 21 cm, 8 <sup>1</sup>/<sub>4</sub>" 23 cm, 9"  
MINI 41657-17 41657-21 41657-23  
STANDARD 41658-17 41658-21 41658-23  
MINI 41659-17 41659-21 41659-23  
drehbar / rotating / giratorio / rotante  
STANDARD 41660-17 41660-21 41660-23  
drehbar / rotating / giratorio / rotante

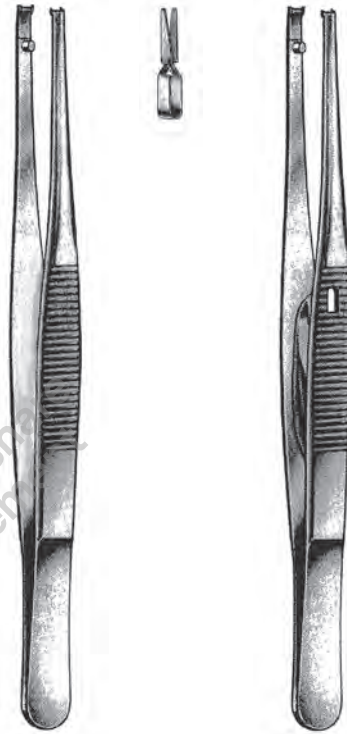
Clips drehbar im Maul  
Clips rotabile in jaw  
Clips giratorios en la boca  
Clips rotabile nel morso

Anlegezange bayonett, mit Sperre  
Applying Forceps bajonett, with ratchet  
Pinza de aplicación bayoneta, con cremallera  
Posa clips a baionetta con bloccaggio

**HADEO**  
 INSTRUMENTE GERMANY

Gefäßclips nach BIEMER  
 BIEMER Vessel Clips  
 Clips para vasos de BIEMER  
 Clips per vasi secondo BIEMER

	Maulöffnung Opening	Maullänge Length of jaws	Schließkraft Closing Force
 41661-40	4,0 mm	6,0 mm	30 - 40 g (0,29 - 0,39 N)
 41661-50	5,0 mm	9,0 mm	30 - 40 g (0,29 - 0,39 N)
 41662-50	5,0 mm	9,0 mm	20 - 25 g (0,20 - 0,25 N)



für temporären Gebrauch

gekennzeichnet durch gelb eingefärbte Federenden für  
 Gefäße mit einem Durchmesser 0,5 - 2,0 mm

Maulinnenflächen schräg gerieft für schonendes, sicheres  
 Festhalten der Gefäße

Der fest eingestellte Schließdruck gewährt risikofreie An-  
 wendung

for temporary occlusion

(identified by yellow coloured spring ends) for vessel diam.  
 0,5 - 2,0 mm

Blade gripping surface with oblique serrations for save but  
 careful gripping of vessels

No risk due to rigidly fixed pressure measure

para uso temporal

clips marcados con baño dorado en los resortes, para  
 vasos con un diámetro de 0,5 - 2,0 mm

El interior de las quijadas viene con estrias finas para un  
 agarre seguro y cuidadoso de los vasos

Debido a la calibración exacta de la fuerza de cierre se  
 ofrece una aplicación sin riesgo

per chiusura temporanea

per vasi con Diametro 0,5 - 2,0 mm

La chiusura regolata garantisce nessun rischio

BIEMER  
 41663-01

Anlegepinzette ohne Schloß,  
 für Mikro-Gefäßclips  
 41661-40 - 41662-50  
 und  
 Approximatoren  
 41667-30 - 41670-50  
 und  
 41672-01 - 41672-04

Applying forceps without lock.  
 for vessel clips  
 41661-40 - 41662-50  
 and  
 Aproximators  
 41667-30 - 41670-50  
 and  
 41672-01 - 41672-04

BIEMER  
 41663-02

Anlegepinzette mit Schloß,  
 für Mikro-Gefäßclips  
 41661-40 - 41662-50  
 und  
 Approximatoren  
 41667-30 - 41670-50  
 und  
 41672-01 - 41672-04

Applying forceps with lock.  
 for vessel clips  
 41661-40 - 41662-50  
 and  
 Aproximators  
 41667-30 - 41670-50  
 and  
 41672-01 - 41672-04

**HADEO**  
INSTRUMENTE GERMANY

Gefäßclips nach MEHDORN  
MEHDORN Vessel Clips  
Clips para vasos de MEHDORN  
Clips secondo MEHDORN

für temporären Gebrauch

gekennzeichnet durch gelb eingefärbte Federenden für Gefäße mit einem Durchmesser 0,5 - 1,5 mm

Maulinnenflächen schräg gerieft für schonendes, sicheres Festhalten der Gefäße

Der fest eingestellte Schließdruck gewährt risikofreie Anwendung

for temporary occlusion

(identified by yellow coloured spring ends) for vessel diam. 0,5 - 1,5 mm

Blade gripping surface with oblique serrations for save but careful gripping of vessels

No risk due to rigidly fixed pressure measure

para uso temporal

clips marcados con baño dorado en los resortes, para vasos con un diámetro de 0.5 - 1.5 mm

El interior de las quijadas viene con estrias finas para un agarre seguro y cuidadoso de los vasos

Debido a la calibración exacta de la fuerza de cierre se ofrece una aplicación sin riesgo

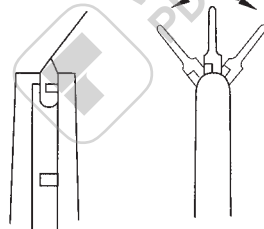
per chiusura temporanea

per vasi con Diametro 0,5 - 1,5 mm

La chiusura regolata garantisce nessun rischio



Beispiele für die variable Position des Clips  
Ejemplo para la variedad de la aplicación del clip  
Esempio: posizioni variabili delle clips



		Maullänge Length of jaws Largo de la boca Lunghezza del morso	Schließkraft Closing Force Fuerza del cierre Forza di chiusura	MEHDORN 41666-00
	41664-10	4 x 1,0 mm	10 - 15 g (0,10 - 0,15 N)	Anlegepinzette für Mikro-Gefäßclips 41664-10 - 41665-14
	41664-14	4 x 1,4 mm	15 - 20 g (0,15 - 0,20 N)	Applying Forceps for vessel clips 41664-10 - 41665-14
	41665-10	6 x 1,0 mm	10 - 15 g (0,10 - 0,15 N)	Pinza applicadora para micro-vasos 41664-10 - 41665-14
	41665-14	6 x 1,4 mm	15 - 20 g (0,15 - 0,20 N)	Pinza posa clips per microvasi 41664-10 - 41665-14



**Approximatoren nach Biemer-Müller**  
**Approximators Biemer-Müller**  
**Aproximadores de Biemer-Müller**  
**Approssimatore secondo Biemer-Müller**

**für temporären Gebrauch**

gekennzeichnet durch gelb eingefärbte Federenden für Gefäße mit einem Durchmesser 0,5 - 2,0 mm  
 Maulinnenflächen schräg gerieft für schonendes, sicheres Festhalten der Gefäße  
 Der fest eingestellte Schließdruck gewährt risikofreie Anwendung

**for temporary occlusion**

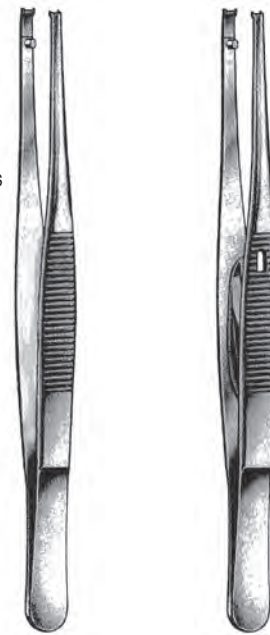
(identified by yellow coloured spring ends) for vessel diam. 0,5 - 2,0 mm  
 Blade gripping surface with oblique serrations for save but careful gripping of vessels  
 No risk due to rigidly fixed pressure measure

**para uso temporal**

clips marcados con baño dorado en los resortes, para vasos con un diámetro de 0,5 - 2,0 mm  
 El interior de las quijadas viene con estrias finas para un agarre seguro y cuidadoso de los vasos  
 Debido a la calibración exacta de la fuerza de cierre se ofrece una aplicación sin riesgo

**per chiusura temporanea**

per vasi con Diametro 0,5 - 2,0 mm  
 La chiusura regolata garantisce nessun rischio



	Maulöffnung Opening	Maullänge Length of jaws	Schließkraft Closing Force
	Apertura de la boca	Largo de la boca	Fuerza del cierre
	Apertura del morso	Lunghezza del morso	Forza di chiusura
	3,0 mm	4,5 mm	30 - 40 g (0,29 - 0,39 N)
	5,0 mm	9,0 mm	30 - 40 g (0,29 - 0,39 N)
	5,0 mm	9,0 mm	30 - 40 g (0,20 - 0,25 N)
	5,0 mm	9,0 mm	30 - 40 g (0,20 - 0,25 N)
	5,0 mm	9,0 mm	30 - 40 g (0,20 - 0,25 N)

BIEMER 41663-01	BIEMER 41663-02
Anlegepinzette ohne Schloß, für Mikro-Gefäßclips 41661-40 - 41662-50 und Approximatoren 41667-30 - 41670-50 und 41672-01 - 41672-04	Anlegepinzette mit Schloß, für Mikro-Gefäßclips 41661-40 - 41662-50 und Approximatoren 41667-30 - 41670-50 und 41672-01 - 41672-04
Applying forceps without lock. for vessel clips 41661-40 - 41662-50 and Aproximators 41667-30 - 41670-50 and 41672-01 - 41672-04	Applying forceps with lock. for vessel clips 41661-40 - 41662-50 and Aproximators 41667-30 - 41670-50 and 41672-01 - 41672-04



Approximatoren nach Müller  
 Müller Approximators  
 Aproximadores de Müller  
 Approssimatore secondo Müller

**für temporären Gebrauch**

gekennzeichnet durch gelb eingefärbte Federenden für Gefäße mit einem Durchmesser 0,5 - 2,0 mm  
 Maulinnenflächen schräg gerieft für schonendes, sicheres Festhalten der Gefäße  
 Der fest eingestellte Schließdruck gewährt risikofreie Anwendung

**for temporary occlusion**

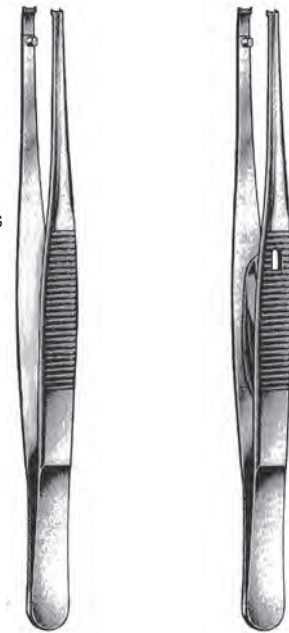
(identified by yellow coloured spring ends) for vessel diam. 0,5 - 2,0 mm  
 Blade gripping surface with oblique serrations for save but careful gripping of vessels  
 No risk due to rigidly fixed pressure measure

**para uso temporal**

clips marcados con baño dorado en los resortes, para vasos con un diámetro de 0,5 - 2,0 mm  
 El interior de las quijadas viene con estrias finas para un agarre seguro y cuidadoso de los vasos  
 Debido a la calibración exacta de la fuerza de cierre se ofrece una aplicación sin riesgo

**per chiusura temporanea**

per vasi con Diametro 0,5 - 2,0 mm  
 La chiusura regolata garantisce nessun rischio



	Ø Diameter	Schließkraft Closing Force Fuerza del cierre Forza di chiusura	BIEMER 41663-01	BIEMER 41663-02
	1,0 mm	25 - 30 g (0,25 - 0,29 N)	Anlegepinzette ohne Schloß, für Mikro-Gefäßclips 41661-40 - 41662-50 und Approximatoren 41667-30 - 41670-50 und 41672-01 - 41672-04	Anlegepinzette mit Schloß, für Mikro-Gefäßclips 41661-40 - 41662-50 und Approximatoren 41667-30 - 41670-50 und 41672-01 - 41672-04
	2,0 mm	25 - 30 g (0,25 - 0,29 N)	Applying forceps without lock. for vessel clips 41661-40 - 41662-50 and Aproximators 41667-30 - 41670-50 and 41672-01 - 41672-04	Applying forceps with lock. for vessel clips 41661-40 - 41662-50 and Aproximators 41667-30 - 41670-50 and 41672-01 - 41672-04
	3,0 mm	25 - 30 g (0,25 - 0,29 N)		
	4,0 mm	25 - 30 g (0,25 - 0,29 N)		

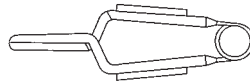
**HADEO**  
 INSTRUMENTE GERMANY

Gefäßclips nach Müller  
 Müller Vessel Clips  
 Clips para vasos de Müller  
 Clip secondo Müller

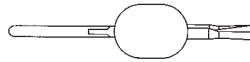
**für temporären Gebrauch**

Maulinnenflächen pyramidenförmig  
 für schonendes, sicheres Festhalten  
 der Gefäße

Der fest eingestellte Schließdruck  
 gewährt risikofreie Anwendung



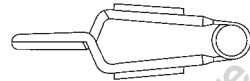
41674-50 50 g



41674-80 80 g

**for temporary occlusion**

Blade gripping surface with pyramid-  
 like impressions for safe but careful  
 gripping of vessels



41675-50 50 g

No risk due to rigidly fixed pressure  
 measure



41675-80 80 g

**para uso temporal**

El interior de las quijadas viene en  
 forma de pirámide para un agarre  
 seguro y cuidadoso de los vasos.



41676-50 50 g

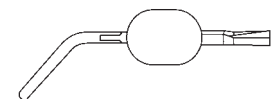


41676-80 80 g

Debido a la calibración exacta de  
 la fuerza de cierre se ofrece una  
 aplicación sin riesgo.



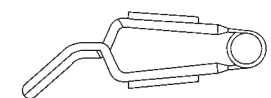
41677-50 50 g



41677-80 80 g

**per uso temporaneo**

Morso interno con forma piramidale  
 per garantire una chiusura sicura del  
 vaso



41678-50 50 g



41678-80 80 g

Schließkraft  
 Closing Force  
 Fuerza del cierre  
 Forza di chiusura

**HADEO**  
 INSTRUMENTE GERMANY

Approximator nach Biemer  
 Biemer Approximator  
 Aproximadores de Biemer  
 Approssimatore secondo Biemer

#### für Mikro-Gefäßanastomosen im oberflächlichem Bereich

Maulinnenflächen schräg gerieft für schonendes, sicheres Festhalten der Gefäße

Der fest eingestellte Schließdruck gewährt risikofreie Anwendung

Der Abstand zwischen den Clips ist durch einfaches Verschieben einzustellen und wird durch Verkanten fixiert

#### for micro vessel anastomosis in the superficial range

Blade gripping surface with oblique serrations for save but careful gripping of vessels

No risk due to rigidly fixed pressure measure

Adjustable distance between the clips and automatic fixation by tilting

#### para micro-anastomosis en la superficie

El interior de la quijada viene con estrias finas para un agarre seguro y cuidadoso de los vasos.

Debido a la calibración exacta de la fuerza de cierre se ofrece una aplicación sin riesgo.

El espacio entre los clips se logra fácilmente por el desplazamiento.

#### per micro vasi anastomosi sulla parte della superficie

Parte interna del morso è leggermente striata obliqua per ottenere la presa sulla superficie del vaso.

La chiusura regolata garantisce nessun rischio.

Lo scorrimento delle due clips viene regolato con semplice movimento che consente una chiusura ottimale.



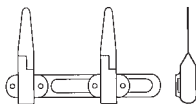
BIEMER  
41680-00

Anlegepinzette für  
Gefäß-Approximator  
nach BIEMER

Applying forceps for  
BIEMER vessel  
approximator

Pinza aplicadora  
para aproximadores  
de BIEMER

Pinza posa clips per  
vasi approssimatori  
secondo BIEMER



41679-25 25 - 30 g  
(0,25 - 0,29 N)

Schließkraft  
Closing Force  
Fuerza de cierre  
Forza di chiusura



**HADEO**  
INSTRUMENTE GERMANY

Mikro-Gefäßclips  
Micro Vessel Clips  
Micro Clips vasculares  
Micro Clips vascolari



BIEMER  
41679-00

Nerv-Approximator komplett mit Schlüssel 41690-01  
Approximator for nerves complete with key 41690-01  
Aproximador para nervios, completo con llave 41690-01  
Approssimatore per nervi completo di chiave 41690-01

41679-01  
Nadeln allein (Paar)  
Needle only (pair)  
Agujas sueltas (par)  
Aghi soli (paio)



BIEMER  
41690-00

Approximator mit einstellbarem Clip-Abstand und Druck,  
komplett mit Schlüssel 41690-01

Approximator with adjustable clip distance and pressure,  
complete with key 41690-01

Aproximador con distancia de clip y presión ajustable,  
completo con llave 41690-01

Approssimatore con distanza per clip e pressione regolabile,  
completo di chiave 41690-01



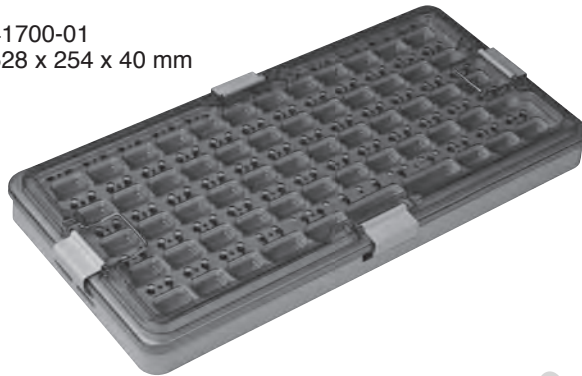
41690-01  
Ersatzschlüssel  
für Approximator 41679-00 + 41690-00  
Replacement key  
for approximator 41679-00 + 41690-00  
Llave de repuesto  
para el aproximador 41679-00 + 41690-00  
Chiave di ricambio  
per approssimatore 41679-00 + 41690-00



**HADEO**  
 INSTRUMENTE GERMANY

Sterilisations- und Lagerungscontainer  
 Sterilisation and Utility Tray Storage  
 Contenedor para esterilizacion y almacenaje  
 Container dotato di alloggi interni per la conservazione e la sterilizzazione degli strumenti

41700-01  
 528 x 254 x 40 mm



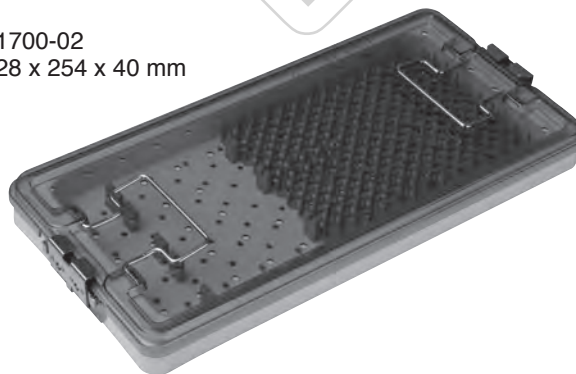
Clip Lagertray für 58 Y-Aneurysmenclips,  
 Kunststoff, dampfsterilisierbar bis 3 bar  
 (143° C / 289° F)

Storage tray for 58 Y-Aneurysm-Clips, with lid  
 made out of PPSU

Cesta de plástico para almacenaje de  
 58 Y-clips de aneurisma

Contenitore di plastica con 58 alloggi per clip  
 per aneurisma. Resistente in autoclave fino a  
 3 bar (143° C / 289° F)

41700-02  
 528 x 254 x 40 mm



Lagertray für Clipanlegezangen und Instru-  
 mente, Kunststoff, dampfsterilisierbar bis  
 3 bar (143° C / 289° F).

Storage tray for clip applicators and instru-  
 ments, stacking system, made out of PPSU, for steam  
 sterilisation up to 3 bar (143° C / 289° F)

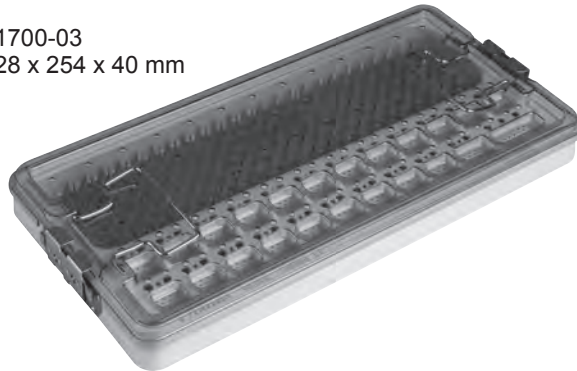
Cesta de plástico para almacenaje de pinzas  
 aplicadoras y instrumentos, para esteriliza-  
 cion de vapor hasta 3 bar (143° C / 289° F).

Contenitore di plastica per pinza applicatore  
 clips e strumentario. Resistente in autoclave  
 3 bar (143° C / 289° F)

**HADEO**  
INSTRUMENTE GERMANY

Sterilisations- und Lagerungscontainer  
Sterilisation and Utility Tray Storage  
Contenedor para esterilizacion y almacenaje  
Container dotato di alloggi interni per la conservazione e la sterilizzazione degli strumenti

41700-03  
528 x 254 x 40 mm



Lagertray für 23 Y-Aneurysmenclips und Clip-  
anlegezangen Kunststoff mit Deckel, dampf-  
sterilisierbar bis 3 bar (143° C / 289° F)

Storage tray for 23 Y-Aneurysmen-Clips and  
clip appliers, stacking system, with lid made  
out of PPSU, for steam sterilisation up to 3 bar  
(143° C / 289° F)

Cesta de plastico con tapa para almacenaje de  
23 Y-clips de aneurisma y pinzas aplicadoraas,  
para esterilizacion de vapor hasta 3 bar  
(143° C / 289° F)

Contenitore di plastica dotato di alloggio per  
23 clips per aneurisma e pinza posa clips con  
coperchio. Resistente in autovlave 3 bar  
(143° C / 289° F)



41700-04  
150 x 95 x 13 mm

mit 18 Vertiefungen  
space for 18 Clips  
con espacio para 18 clips  
con cavita per 18 clips



41700-05  
210 x 125 x 17 mm


mit 42 Vertiefungen  
space for 42 Clips  
con espacio para 42 clips  
con cavita per 42 clips

**HADEO**  
INSTRUMENTE GERMANY


“Neue Form” NS  
“New S tyle” NS  
“Nueva Forma” NS  
“Nuove Forme” NS

ACLAND Mikro-Gefäßclips  
ACLAND Micro Vessel Clips  
ACLAND Micro Clips vasculares  
ACLAND Micro Clips vascolari

Einzelklemmen  
Single Clamps  
Single clamp  
Pinza singola

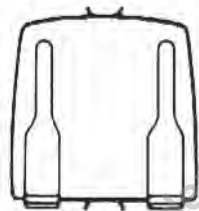


A		V	
41710-08	8 mm	41711-08	
41710-11	11 mm	41711-11	
41710-17	17 mm	41711-17	



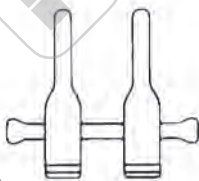
A		V	
41718-25	25 mm	41719-25	
41718-36	36 mm	41719-36	

Doppelklemme mit Rahmen  
Double Clamps with frame  
Clamp doble con marco  
Pinza doppia con telaio

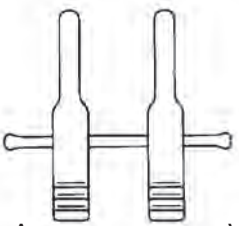


A		V	
41714-08	8 mm	41715-08	
41714-11	11 mm	41715-11	
41714-17	17 mm	41715-17	

Approximator ohne Rahmen  
Approximator without frame  
Aproximador sin marco  
Apressimatore senza telaio

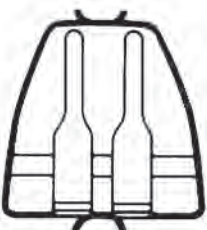


A		V	
41712-08	8 mm	41713-08	
41712-11	11 mm	41713-11	
41712-17	17 mm	41713-17	




A		V	
41720-25	25 mm	41721-25	
41720-36	36 mm	41721-36	

Approximator mit Rahmen  
Approximator with frame  
Aproximador con marco  
Apressimatore con telaio




A		V	
41716-08	8 mm	41717-08	
41716-11	11 mm	41717-11	
41716-17	17 mm	41717-17	

A = Arterie/Artery  
CURVED JAW



V = Vene/Vein  
STRAIGHT JAW

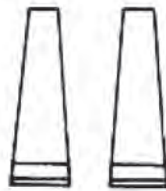


**HADEO**  
 INSTRUMENTE GERMANY

ACLAND Mikro-Gefäßclips  
 ACLAND Micro Vessel Clips  
 ACLAND Micro Clips vasculares  
 ACLAND Micro Clips vascolari

“Alte Form” OS  
 “Classic Style” OS  
 “Forma antigua” OS  
 “Vecchia tipologia” OS

Einzelklemmen  
 Single Clamps  
 Single clamp  
 Pinza singola



A		V
41722-08	8 mm	41723-08
41722-11	11 mm	41723-11
41722-14	14 mm	41723-14
41722-17	17 mm	41723-17
41722-23	23 mm	41723-23

Doppelklemme mit Rahmen  
 Double Clamps with frame  
 Clamp doble con marco  
 Pinza doppia con telaio



A		V
41726-08	8 mm	41727-08
41726-11	11 mm	41727-11
41726-14	14 mm	41727-14
41726-17	17 mm	41727-17
41726-23	23 mm	41727-23

A = Arterie/Artery  
 CURVED JAW



V = Vene/Vein  
 STRAIGHT JAW

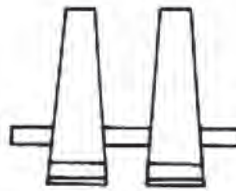




“Alte Form” OS  
 “Classic Style” OS  
 “Forma antigua” OS  
 “Vecchia tipologia” OS

ACLAND Mikro-Gefäßclips  
 ACLAND Micro Vessel Clips  
 ACLAND Micro Clips vasculares  
 ACLAND Micro Clips vascolari

Approximator ohne Rahmen  
 Approximator without frame  
 Aproximador sin marco  
 Approssimatore senza telaio




	A	V
41724-08	8 mm	41725-08
41724-11	11 mm	41725-11
41724-14	14 mm	41725-14
41724-17	17 mm	41725-17
41724-23	23 mm	41725-23

Approximator mit Rahmen  
 Approximator with frame  
 Aproximador con marco  
 Approssimatore con telaio




	A	V
41728-08	8 mm	41729-08
41728-11	11 mm	41729-11
41728-14	14 mm	41729-14
41728-17	17 mm	41729-17
41728-23	23 mm	41729-23

A = Arterie/Artery  
 CURVED JAW

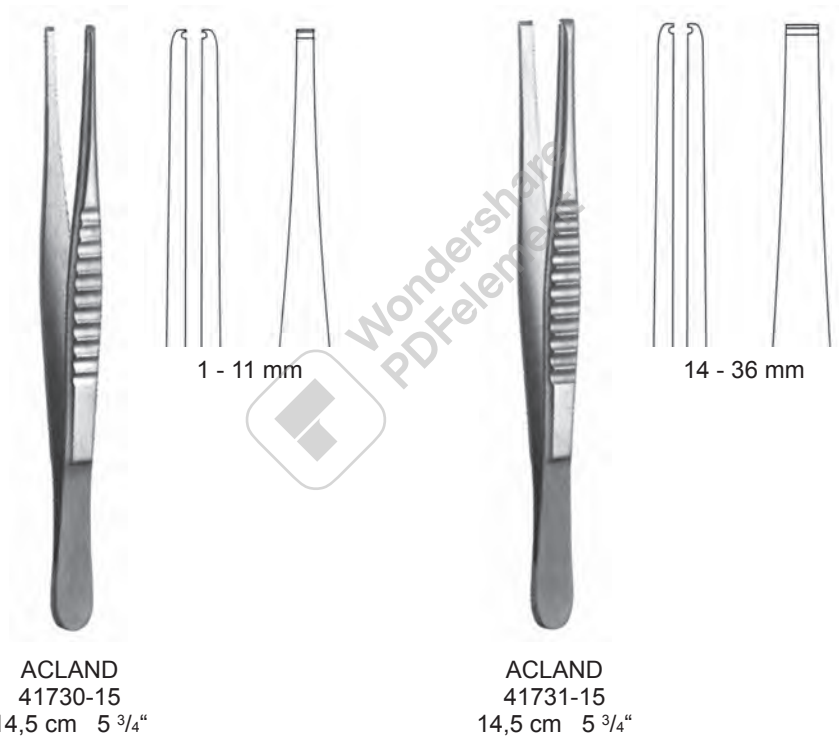


V = Vene/Vein  
 STRAIGHT JAW



**HADEO**  
INSTRUMENTE GERMANY

Clip-Anlegepinzetten für ACLAND-Clips  
Clip Applying Forceps for ACLAND clips  
Pinzas aplicadora para clips ACLAND  
Pinze per applicare clips di ACLAND



**HADEO**  
 INSTRUMENTE GERMANY

Clipanlagezangen für die offene Chirurgie 25° aufgebogen  
 Clip Appliers for open Surgery 25° upcurved  
 Pinza aplicadora de clips para cirugía abierta con ángulo de 25°  
 Pinza applicatore clips per chirurgia aperta, curva in alto 25°



15 cm, 6"

**Horizon**

61460-15 Small gelb / yellow / jaune/ amarillo/ giallo  
 61461-15 Medium blau / blue / bleu / azul / blu

**SLS Clips**

61464-15 Micro weiss / white / blanc / blanco / bianco  
 61465-15 Small gelb / yellow / jaune/ amarillo/ giallo  
 61466-15 Small medium lila / lilac / lilas / lila / lilla  
 61467-15 Medium blau / blue / bleu / azul / blu

**Ethicon**

61470-15 Small blau / blue / bleu / azul / blu  
 61471-15 Medium weiss / white / blanc / blanco / bianco

**Pilling**

61481-15 Small gelb / yellow / jaune / amarillo / giallo  
 61482-15 Medium blau / blue / bleu / azul / blu

**Horizon**

61460-19 Small gelb / yellow / jaune / amarillo / giallo  
 61461-19 Medium blau / blue / bleu / azul / blu  
 61462-19 Medium Large grün / green / verde / verde  
 61463-19 Large orange / naranja / arancione

**SLS Clips**

61464-19 Micro weiss / white / blanc / blanco / bianco  
 61465-19 Small gelb / yellow/ jaune / amarillo / giallo  
 61466-19 Small medium lila / lilac / lilas / lila / lilla  
 61467-19 Medium blau / blue / bleu / azul / blu  
 61468-19 Medium Large grün / green / verde / verde  
 61469-19 Large orange / naranja / arancione

**Ethicon**

61470-19 Small blau / blue / bleu / azul / blu  
 61471-19 Medium weiss / white / blanc / blanco / bianco  
 61472-19 Medium Large grün / green / verde / verde  
 61473-19 Large gelb / yellow / jaune / amarillo / giallo

**Pilling**

61481-19 Small gelb / yellow / jaune / amarillo / giallo  
 61482-19 Medium blau / blue / bleu / azul / blu  
 61484-19 Medium Large grün / green / verde / verde  
 61483-19 Large orange / naranja / arancione



19 cm, 7 1/2"

**HADEO**  
INSTRUMENTE GERMANY

Clipanlegezangen für die offene Chirurgie 25° aufgebogen  
Clip Appliers for open Surgery 25° upcurved  
Pinza aplicadora de clips para cirugía abierta con ángulo de 25°  
Pinza applicatore clips per chirurgia aperta, curva in alto 25°

**Horizon**

61461-28 Medium blau / blue / bleu / azul / blu  
61462-28 Medium Large grün / green / verde / verde  
61463-28 Large orange / naranja / arancione

**SLS Clips**

61464-28 Micro weiss / white / blanco / bianco  
61465-28 Small gelb / yellow / jaune / amarillo / giallo  
61466-28 Small medium lila / lilac / lilas / lila / lilla  
61467-28 Medium blau / blue / bleu / azul / blu  
61468-28 Medium Large grün / green / verde / verde  
61469-28 Large orange / naranja / arancione

**Ethicon**

61471-28 Medium weiss / white / blanco / bianco  
61472-28 Medium Large grün / green / verde / verde  
61473-28 Large gelb / yellow / jaune / amarillo / giallo

**Pilling**

61482-28 Medium blau / blue / bleu / azul / blu  
61484-28 Medium Large grün / green / verde / verde  
61483-28 Large orange / naranja / arancione



28 cm, 11"



BOHRAPPARATE

BONE HAND DRILLS

PERFORADORES DE MANO

PERFORATORI A MANO

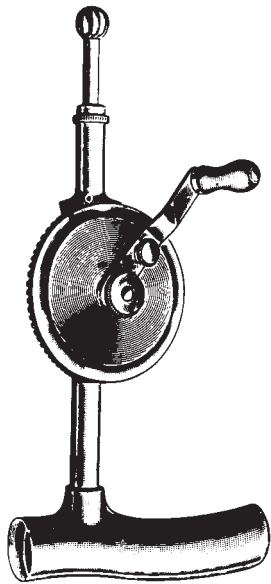
**HADEO**  
INSTRUMENTE GERMANY

[www.hadeo.co](http://www.hadeo.co)

Wondershare  
PDFelement

**HADEO**  
INSTRUMENTE GERMANY

Bohrapparate  
Bone Hand Drills  
Perforadores de mano  
Perforatori a mano



**STILLE**  
34210-20 20 cm, 8"  
compl. incl. 34212-25 - 34214-16



34212-25  
2,5 mm



34212-30  
3,0 mm



34212-35  
3,5 mm



34212-40  
4,0 mm



34214-05  
10 mm



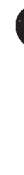
34214-08  
5 mm



34214-10  
8 mm



34214-12  
12 mm



34214-16  
16 mm



34216-10  
1,0 mm



34216-15  
1,5 mm



34216-20  
2,0 mm

**HADEO**  
INSTRUMENTE GERMANY

Bohrapparate  
Bone Hand Drills  
Perforadores de mano  
Perforatori a mano



34222-25 2,5 mm  
34222-30 3,0 mm  
34222-35 3,5 mm

**STILLE-SHERMAN**  
34220-24 24 cm, 9 1/2"  
compl. incl. 34222-25 - 34222-35



34232-00

**MOORE**  
34230-28 28 cm, 11"  
compl. incl. 34232-00

**HADEO**  
INSTRUMENTE GERMANY

Bohrapparate  
Bone Hand Drills  
Perforadores de mano  
Perforatori a mano



34241-00  
Griff allein  
Handle only  
Mango solo

HUDSON  
34240-27  
27 cm, 10 1/2"  
compl. incl.  
34242-09, -14, -16, -22,  
34246-00



34242-09  
9 mm



34242-14  
14 mm



34242-16  
16 mm



34242-22  
22 mm



34246-00

Verlängerungsstück  
Extension piece  
Pieza alargadera  
Giunto di prolungamento



ø 2 mm  
34243-02



CUSHING  
34244-10  
34244-14  
34244-16

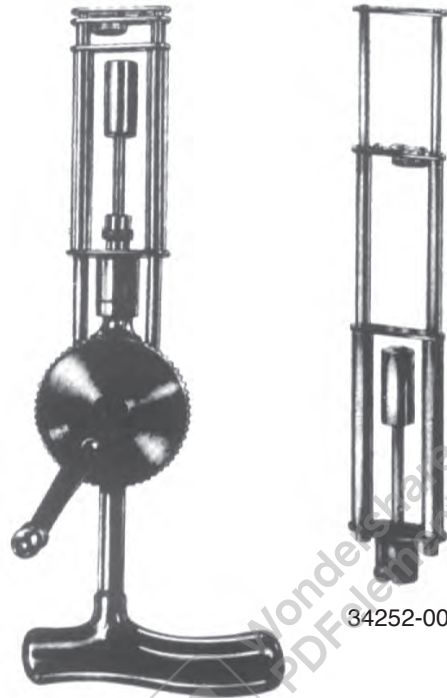


ERRICO  
34244-17  
ø 16 mm

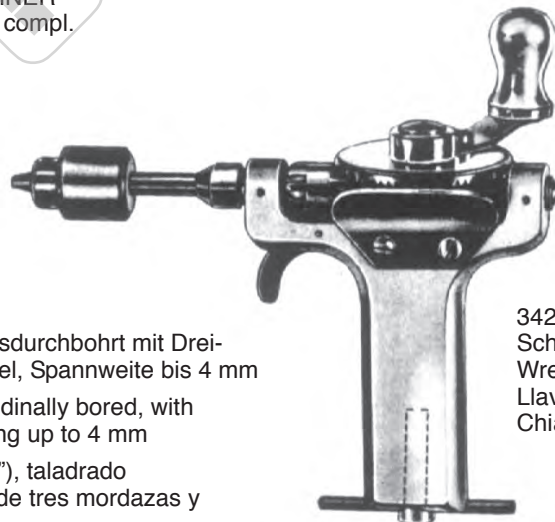


MC KENZIE  
34248-00  
ø 13 mm

**HADEO**  
 INSTRUMENTE GERMANY

 Bohrrapparate  
 Bone Hand Drills  
 Perforadores de mano  
 Perforatori a mano


34252-00

 KIRSCHNER  
 34250-00 compl.

 34270-01  
 Schlüssel  
 Wrench  
 Llave  
 Chiave

 Bohrrapparat 16 cm (6 1/4"), längsdurchbohrt mit Drei-  
 backenspannfutter und Schlüssel, Spannweite bis 4 mm

 Hand drill, 16 cm (6 1/4"), longitudinally bored, with  
 three-jaw-chuck and key, opening up to 4 mm

 Perforador manual, 16 cm (6 1/4"), taladrado  
 longitudinalmente, con mandril de tres mordazas y  
 llave, apertura hasta 4 mm

 Perforatore a mano, 16 cm (6 1/4"), con perforazione  
 assiale, con mandrino a tre ganasce e chiave, apertura  
 fino a 4 mm di D.

 BUNELL  
 34270-00  
 16 cm, 6 1/4"

# HADEO

INSTRUMENTE GERMANY

Bohrapparate  
Bone Hand Drills  
Perforadores de mano  
Perforatori a mano



RALK  
34280-00

Bohrapparat mit Leichtmetallgehäuse,  
mit Dreibackenspannfutter und  
Schlüssel, Spannweite bis D. 6,35 mm

Hand drill with light metal case, with  
three-jaw-chuck and key, opening up to  
D. 6,35 mm

Perforador manual con caja de metal  
ligero, con mandril de tres mordazas y  
llave, apertura hasta Ø 6,35 mm

Perforatore a mano con cassa in metallo  
leggero, con mandrino a tre ganasce e  
chiave, apertura fino a 6,35 mm di D.



HADEO  
34290-00

Handbohrapparat mit umstellbarem  
Handgriff, mit Jacobs Dreibackenspann-  
futter und Schlüssel

Hand drill with adjustable handle, with  
Jacobs three-jaw-chuck and wrench

Perforador manual con mango ajustable,  
con mandril Jacobs de 3 mordazas y  
llave

Perforatore a mano con manico regola-  
bile, con mandrino Jacobs a tre ganasce  
complete con chiave



34295-00  
Spannschlüssel allein  
Key only  
Llave sola  
Chiave solo



BIPOLEARE KOAGULA TION

BIPOLAR COAGULA TION

COAGULACIÓN BIPOLAR

COAGULAZIONE BIPOLARE



[www.hadeo.co](http://www.hadeo.co)

**HADEO**  
INSTRUMENTE GERMANY

Bipolare Koagulation  
Bipolar Coagulation  
Coagulación bipolar  
Coagulazione bipolare



91104-11  
11 cm, 4  $\frac{3}{8}$ "  
0,5 mm



91109-11  
11 cm, 4  $\frac{3}{8}$ "  
45°, 0,5 mm



91113-11  
11 cm, 4  $\frac{3}{8}$ "  
45°, 0,5 mm



91122-16  
16,5 cm, 6  $\frac{1}{2}$ "  
0,5 mm



91123-16  
16,5 cm, 6  $\frac{1}{2}$ "  
0,5 mm



91125-16  
16,5 cm, 6  $\frac{1}{2}$ "  
0,5 mm



**HADEO**  
INSTRUMENTE GERMANY

Bipolare Koagulation  
Bipolar Coagulation  
Coagulación bipolar  
Coagulazione bipolare



91142-16  
16 cm, 6 1/4"  
1 mm



91144-16  
16,5 cm, 6 1/2"  
0,5 mm



91152-19  
19,5 cm, 7 3/4"  
0,3 mm



91154-19  
19,5 cm, 7 3/4"  
1 mm



91157-19  
19,5 cm, 7 3/4"  
1 mm



91159-19  
19,5 cm, 7 3/4"  
2 mm

**HADEO**  
INSTRUMENTE GERMANY

Bipolare Koagulation  
Bipolar Coagulation  
Coagulación bipolar  
Coagulazione bipolare



91162-19  
19,5 cm, 7 3/4"  
0,3 mm



91164-19  
19,5 cm, 7 3/4"  
1 mm

**HADEO**  
INSTRUMENTE GERMANY

Bipolare Koagulation  
Bipolar Coagulation  
Coagulación bipolar  
Coagulazione bipolare



91166-19  
19,5 cm, 7 <sup>3</sup>/<sub>4</sub>"  
2 mm



91172-03 - 91172-12  
22,5 cm, 8.9"

91172-03  
0,3 mm

91172-07  
0,7 mm

91172-12  
1,2 mm

Wondershare  
PDFelement

**HADEO**  
 INSTRUMENTE GERMANY

 Bipolare Koagulation  
 Bipolar Coagulation  
 Coagulación bipolar  
 Coagulazione bipolare

**NON STICK**

 gerade  
 straight  
 recta  
 retta


	0,3 mm	0,5 mm	1,0 mm	2,0 mm
11,0 cm, 4 3/8"	91110-03N	91110-05N	91110-10N	
16,0 cm, 6 1/4"	91160-03N	91160-05N	91160-10N	91160-20N
18,0 cm, 7"		91180-05N	91180-10N	91180-20N
19,5 cm, 7 3/4"		91200-05N	91200-10N	91200-20N
22,0 cm, 8 3/4"			91220-10N	91220-20N
24,0 cm, 9 1/2"			91240-10N	
30,0 cm, 12"			91300-10N	91300-20N

 abgewinkelt 45°  
 angled 45°  
 angulada 45°  
 angolata 45°


	0,3 mm	0,5 mm	1,0 mm	2,0 mm
11,0 cm, 4 3/8"	91112-03N	91112-05N	91112-10N	
16,0 cm, 6 1/4"		91162-05N	91162-10N	
18,0 cm, 7"			91182-10N	91182-20N
19,5 cm, 7 3/4"		91202-05N	91202-10N	91202-20N
22,0 cm, 8 3/4"			91222-10N	91222-20N
24,0 cm, 9 1/2"			91242-10N	
30,0 cm, 12"			91302-10N	

**HADEO**  
INSTRUMENTE GERMANY

**NON STICK**

Bipolare Koagulation  
Bipolar Coagulation  
Coagulación bipolar  
Coagulazione bipolare

bayonett gerade  
bajonett straight  
bayoneta recta  
baionetta retta



	0,3 mm	0,5 mm	1,0 mm	2,0 mm
16,0 cm, 6 1/4"	91166-03N	91166-05N	91166-10N	91166-20N
19,5 cm, 7 3/4"		91206-05N	91206-10N	91206-20N
22,0 cm, 8 3/4"		91226-05N	91226-10N	91226-20N
24,0 cm, 9 1/2"		91246-05N	91246-10N	91246-20N

bayonett nach oben  
bajonett upwards  
bayoneta hacia arriba  
baionetta in alto



	1,0 mm
19,5 cm, 7 3/4"	91207-10N
22,0 cm, 8 3/4"	91227-10N

bayonett nach unten  
bajonett downwards  
bayoneta hacia abajo  
baionetta in basso



	0,5 mm	1,0 mm
16,0 cm, 6 1/4"	91168-05N	91168-10N
19,5 cm, 7 3/4"		91208-10N
22,0 cm, 8 3/4"		91228-10N

**HADEO**  
INSTRUMENTE GERMANY

Bipolare Saugpinzetten  
Bipolar suction Forceps  
Pinza de succión bipolar  
Pinza bipolare con canale di aspirazione

Saugpinzetten zum Absaugen von Blut und Sekret vor der Koagulation bzw. zum Absaugen von Rauch während der Koagulation.

Europäischer Flachstecker zum Anschluß von bipolaren Kabeln für praktisch alle gebräuchlichen HF-Generatoren.

Der Saugkanal mit Unterbrecherloch ist in einem Schenkel der Pinzette integriert.

An der Schlaucholive können verschiedene Schlauchdurchmesser angeschlossen werden.

Suction forceps for extraction of blood and debris by suction right before coagulation or extraction of smoke while coagulating.

European flat socket connector for bipolar cables for nearly all common high frequency generators.

Suction channel embedded inside the forceps.

Suction connector matches different suction tube diameters.



Pinza de succión para sangre y líquidos antes de efectuar la coagulación como también para la eliminación de humo durante la coagulación. Enchufe plano europeo para conectar cables bipolares de equipos de alta frecuencia en uso corrientemente.

El canal de succión con su agujero de interrupción está incorporado en un lado de la pinza.

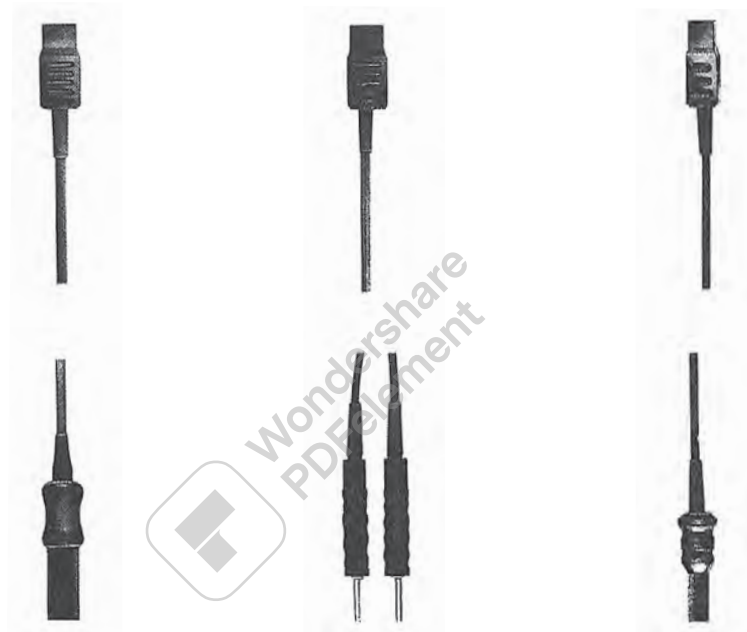
El diseño de la oliva de conexión permite la adaptación de tubos de varios diámetros.

Pinza bipolare dotata di canale di aspirazione. Per aspirare fumi, sangue ecc. durante la coagulazione. Attacco piatto per cavi bipolari con attacchi europei.

Il canale di aspirazione con interruzione é integrato sulla aletta della pinza.

Ingresso del canale di aspirazione ad oliva che permette attacchi di diversi diametri.

**HADEO**  
 INSTRUMENTE GERMANY

 Verbindungskabel, bipolar  
 Connection Cords, bipolar  
 Cables de conexión, bipolar  
 Cavi da connessione, bipolare


		<b>ERBE SELECT STORZ</b>
3 m	118"	91190-30
5 m	197"	91190-50

**USA Mod.**

91192-30
91192-50

<b>MARTIN BERCHTOLD AESCULAP</b>
91193-30
91193-50

für Elektro-Chirurgie-Einheiten  
 for Electrosurgery Equipment  
 para Electrobisturios  
 per Elettrobisturi





SÄTZE

SET

SET

SET

Wondershare PDFelement



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**Set / 200 Basic Set for Neurosurgery - Neurochirurgie Set**

1x	07103-00	scalpel handle no. 3
1x	07107-00	scalpel handle no. 7
1x	07104-00	scalpel handle no. 4
1x	09160-17	MAYO, dissecting scissors, str., 17cm
1x	09161-17	MAYO, dissecting scissors, cvd., 17cm
1x	09280-18	METZENBAUM, dissecting scissors, str., 18cm
1x	11112-18	POTTS-SMITH, dressing forceps, 18cm
1x	11126-18	POTTS-SMITH, tissue forceps, 1x2 teeth, 18cm
1x	11189-15	BROWN, tissue forceps, 9x9 teeth, 15cm
1x	11315-01	TAYLOR, dressing forceps, bayonet, 17cm
1x	11315-02	TAYLOR, tissue forceps, 1x2 teeth, bayonet, 17cm
1x	41295-10	FRAZIER/FERGUSSON, suction tube, 30°, 19cm
2x	25214-18	DeBAKEY, needle holder TC, 18cm
2x	25225-18	RYDER, needle holder TC, 18cm
10x	13220-12	HALSTED-MOSQUITO, hemostatic forceps, str., 12,5cm
6x	13345-14	DANDY, hemostatic forceps, cvd., 14cm
6x	13320-14	ROCHESTER-OCHSNER, hemostatic forceps, 1x2 teeth, str., 14cm
10x	15111-09	BACKHAUS, towel forceps, 9cm
2x	17170-18	FOERSTER, swab forceps, str., 18cm
1x	19214-13	FRAZIER, nerve hooklet, 13cm
1x	19168-06	RIBBON, retractor, 6x200mm
1x	19168-12	RIBBON, retractor, 12x200mm
1x	19168-17	RIBBON, retractor, 17x200mm
1x	19168-25	RIBBON, retractor, 25x200mm
2x	19670-16	WEITLANER, retractor, 16,5cm
2x	19684-16	ADSON-BABY, retractor, 16cm
1x	33711-20	LANGENBECK, periosteal elevator, 20cm
1x	33142-20	ADSON, bone rongeur, str., 20cm
1x	33247-23	LEKSELL-STILLE, bone rongeur, 23cm / 4mm
1x	33245-23	LEKSELL-STILLE, bone rongeur, 23cm / 7mm
6x	65120-15	ALLIS, tissue forceps, 5x6 teeth, 15cm
1x	41512-02	FERRIS-SMITH-KERRISON, rongeur, 45° up, 2mm, 18cm
1x	41512-03	FERRIS-SMITH-KERRISON, rongeur, 45° up, 3mm, 18cm
1x	41512-04	FERRIS-SMITH-KERRISON, rongeur, 45° up, 4mm, 18cm
1x	41432-01	LOVE-GRUENWALD, laminectomy rongeur, str., 3x10mm, 18cm
1x	41432-02	LOVE-GRUENWALD, laminectomy rongeur, 45° up, 3x10mm, 18cm
1x	41432-03	LOVE-GRUENWALD, laminectomy rongeur, 45° down, 3x10mm, 18cm
1x	41254-13	DAVIS, brain spatula, 13mm, 18cm
1x	41161-01	PENFIELD, dura dissector, 17,5cm
1x	41161-02	PENFIELD, dura dissector, 19,5cm
1x	41161-03	PENFIELD, dura dissector, 19,5cm
1x	41161-04	PENFIELD, dura dissector, 21,5cm
1x	41298-12	FRAZIER, canula, 3mm, 12cm
1x	41052-20	DANDY, nerve hook, str., 20cm
1x	19235-21	CUSHING, retractor, 21,5cm
1x	34231-15	ADSON, forceps, 15cm
2x	41094-00	GIGLI, handle for wire saw
5x	41092-50	OLIVECRONA, wire saw, 50cm
1x	41090-33	DE MARTEL, saw conductor, 33cm

**Set / 201 Craniotomy Set - Kraniotomie Set**

1x	07103-00	scalpel handle no. 3
1x	07107-00	scalpel handle no. 7
1x	07104-00	scalpel handle no. 4
1x	09140-14	DEAVER, dissecting scissors, str., 14,5cm
1x	09160-17	MAYO, dissecting scissors, str., 17cm
1x	09161-17	MAYO, dissecting scissors, cvd., 17cm
1x	09281-18	METZENBAUM, dissecting scissors, cvd., 18cm
2x	11170-12	ADSON, dressing forceps, 12cm
2x	11180-12	ADSON, tissue forceps, 1x2 teeth, 12cm
1x	11220-17	CUSHING, dressing forceps, str., 17cm
1x	11222-17	CUSHING, tissue forceps, str., 1x2 teeth, 17cm
1x	11315-01	TAYLOR, dressing forceps, bayonet, 17cm
1x	11315-02	TAYLOR, tissue forceps, 1x2 teeth, bayonet, 17cm
2x	41295-08	FRAZIER/FERGUSSON, suction tube, 30°, Charr. 8, 19cm
10x	13220-12	HALSTED-MOSQUITO, hemostatic forceps, str., 12,5cm
10x	13221-12	HALSTED-MOSQUITO, hemostatic forceps, cvd., 12cm
10x	13345-14	DANDY, hemostatic forceps, cvd., 14cm
10x	15111-13	BACKHAUS, towel forceps, 13cm
5x	17170-25	FOERSTER, swab forceps, str., 25cm
2x	19235-21	CUSHING, retractor, 21,5cm
2x	19214-13	FRAZIER, nerve hooklet, 13cm
1x	19630-10	JANSEN, retractor, 10cm
2x	19670-20	WEITLANER, retractor, 20cm
1x	33483-00	BRUNS, bone curette, Fig.0, str., 23cm
1x	33483-01	BRUNS, bone curette, Fig.1, str., 23cm
1x	33483-02	BRUNS, bone curette, Fig.2, str., 23cm
1x	33483-03	BRUNS, bone curette, Fig.3, str., 23cm
1x	33137-17	LUER, bone rongeur, cvd., 17cm
1x	33151-16	LEMPERT, bone rongeur, cvd., 16cm
1x	33230-22	STILLE-LUER, bone rongeur, str., 22cm
1x	33231-22	STILLE-LUER, bone rongeur, cvd., 22cm
1x	41096-21	DeVILBIS, skull punch, 21cm
1x	41432-01	LOVE-GRUENWALD, laminectomy rongeur, str., 3x10mm, 18cm
1x	41432-02	LOVE-GRUENWALD, laminectomy rongeur, 45° up, 3x10mm, 18cm
1x	41432-03	LOVE-GRUENWALD, laminectomy rongeur, 45° down, 3x10mm, 18cm
1x	09619-17	SCHMIEDEN-TAYLOR, dura scissors, 17cm
1x	41254-13	DAVIS, brain spatula, 13mm, 18cm
1x	41250-11	CUSHING, brain spatula, 8x10mm
1x	41253-11	OLIVECRONA, brain spatula, 11mm/13mm
1x	41158-01	FRAZIER, dura dissector, 15cm
2x	41298-12	FRAZIER, canula 3mm/12cm
1x	41052-20	DANDY, nerve hook, str., 20cm
1x	19234-20	CUSHING, retractor, 20cm
1x	34240-27	HUDSON, bone hand drill, 27cm
1x	34231-15	ADSON, forceps, 15cm
2x	41094-00	GIGLI, handle for wire saw
10x	41092-50	OLIVECRONA, wire saw, 50cm
2x	41090-33	DeMARTEL, saw conductor, 33cm
1x	41028-00	RANEY, applying forceps
1x	91162-19	bipolar forceps, 0,3mm, 19,5cm
1x	91193-30	bipolar connecting cable, 3 meter

**Set / 202 Laminectomy Set - Laminektomie Set**

1x	07103-00	scalpel handle no. 3
1x	07104-00	scalpel handle no. 4
1x	09140-14	DEAVER, dissecting scissors, str., 14,5cm
1x	09160-17	MAYO, dissecting scissors, str., 17cm
1x	09161-17	MAYO, dissecting scissors, cvd., 17cm
1x	09281-18	METZENBAUM, dissecting scissors, cvd., 18cm
2x	11102-14	dressing forceps, 14,5cm
1x	11102-20	dressing forceps, 20cm
2x	11120-14	tissue forceps, 1x2 teeth, 14,5cm
1x	11120-20	tissue forceps, 1x2 teeth, 20cm
1x	11220-17	CUSHING, dressing forceps, str., 17cm
1x	11222-17	CUSHING, tissue forceps, str., 1x2 teeth, 17cm
1x	11315-01	TAYLOR, dressing forceps, bayonet, 17cm
1x	11315-02	TAYLOR, tissue forceps, 1x2 teeth, bayonet, 17cm
1x	41295-08	FRAZIER/FERGUSSON, suction tube, 30°, Charr.8, 19cm
1x	41295-10	FRAZIER/FERGUSSON, suction tube, 30°, Charr. 10, 19cm
1x	41295-12	FRAZIER/FERGUSSON, suction tube, 30°, Charr. 12, 19cm
2x	25180-16	MAYO-HEGAR, needle holder, 16cm
10x	13220-12	HALSTED-MOSQUITO, hemostatic forceps, str., 12,5cm
10x	13221-12	HALSTED-MOSQUITO, hemostatic forceps, cvd., 12cm
6x	13263-16	CRILE-RANKIN, hemostatic forceps, cvd., 16cm
6x	13265-16	CRILE-RANKIN, hemostatic forceps, 1x2 teeth, cvd., 16cm
5x	17170-25	FOERSTER, swab forceps, str., 25cm
2x	19235-21	CUSHING, retractor, 21,5cm
2x	19281-04	VOLKMANN, retractor, 4 teeth, 21,5cm
2x	19670-20	WEITLANER, retractor, sharp, 20cm
1x	19686-32	ADSON, retractor, blunt, 32cm
1x	19690-31	BECKMANN, retractor, sharp, 31cm
1x	33711-20	LANGENBECK, elevator, 8mm, 20cm
1x	33710-19	LANGENBECK, elevator, 16mm, 19cm
1x	33700-03	BERGMANN, hammer, Ø 45mm, 300 gr., 24cm
1x	33482-98	BRUNS, bone curette, Fig.00, str., 23cm
1x	33483-00	BRUNS, bone curette, Fig.0, str., 23cm
1x	33483-01	BRUNS, bone curette, Fig.1, str., 23cm
1x	33483-02	BRUNS, bone curette, Fig.2, str., 23cm
1x	33483-03	BRUNS, bone curette, Fig.3, str., 23cm
1x	33483-04	BRUNS, bone curette, Fig.4, str., 23cm
1x	33483-05	BRUNS, bone curette, Fig.5, str., 23cm
1x	33483-06	BRUNS, bone curette, Fig.6, str., 23cm
1x	33136-17	LUER, bone rongeur, str., 17cm
1x	33231-22	STILLE-LUER, bone rongeur, cvd., 22cm
1x	33235-23	STILLE-LUER, bone rongeur, 23cm
1x	33293-27	STILLE-HORSLEY, bone cutting forceps, 27cm
1x	33290-27	STILLE-LISTON, bone cutting forceps, 27cm
5x	65120-15	ALLIS, tissue forceps, 5x6 teeth, 15cm
1x	41512-02	FERRIS-SMITH-KERRISON, 45° up, 2mm, 18cm
1x	41512-03	FERRIS-SMITH-KERRISON, 45° up, 3mm, 18cm
1x	41512-04	FERRIS-SMITH-KERRISON, 45° up, 4mm, 18cm
1x	41432-01	LOVE-GRUENWALD, laminectomy rongeur, str., 3x10mm, 18cm
1x	41432-02	LOVE-GRUENWALD, laminectomy rongeur, 45° up, 3x10mm, 18cm
1x	41432-03	LOVE-GRUENWALD, laminectomy rongeur, 45° down, 3x10mm, 18cm

1x	41151-24	DAVIS, dura dissector, 24cm
1x	47415-18	FREER, septum elevator, 18cm
1x	41161-00	PENFIELD, dura dissector, 17,5cm
1x	41161-02	PENFIELD, dura dissector, 19,5cm
1x	41161-03	PENFIELD, dura dissector, 19,5cm
1x	41161-04	PENFIELD, dura dissector, 21,5cm
1x	41052-20	DANDY, nerve hook, str., 20cm
1x	41056-18	CUSHING, nerve hook, 18cm
1x	41074-23	SCOVILLE, retractor, str., 23cm
1x	19911-00	SCOVILLE, frame only, 15cm
1x	19912-50	SCOVILLE, hook only, 50mm
1x	19917-64	SCOVILLE, blade only, 64x25mm
1x	41020-00	clip carrier with 1 holder
1x	41019-14	OLIVECRONA-TOENNIS, 140mm
1x	91162-19	bipolar forceps, 0,3mm, 19,5cm
1x	91193-30	bipolar connecting cable, 3 meter

**Set / 203 Skull Traction Set - Schädel Traktion Set**

1x	07103-00	scalpel handle no. 3
1x	09160-14	MAYO, dissecting scissors, str., 14,5cm
1x	11120-14	tissue forceps, 1x2 teeth, 14,5cm
1x	13220-12	HALSTED-MOSQUITO, hemostatic forceps, str., 12,5cm
1x	13221-12	HALSTED-MOSQUITO, hemostatic forceps, cvd., 12cm
2x	17170-25	FOERSTER, swab forceps, str., 25cm
1x	41025-02	CRUTCHFIELD, traction long
1x	34240-27	HUDSON, bone hand drill, complete, 27cm
6x	15111-09	BACKHAUS, towel forceps, 9cm

**Set / 204 Transphenoidal Hypophysectomy Set -  
Transphenoidal Hypophysektomie Set**

2x	07103-00	scalpel handle no. 3
1x	07104-00	scalpel handle no. 4
1x	09120-14	operating scissors, standard, str., 14cm
1x	11110-14	dressing forceps, narrow, 14cm
1x	09375-11	STRABISMUS, scissors TC, cvd., 11cm
1x	11170-12	ADSON, dressing forceps, 12cm
1x	11180-12	ADSON, tissue forceps, 1x2 teeth, 12cm
1x	47154-20	JANSEN, nasal forceps, 20cm
2x	41295-08	FRAZIER/FERGUSON, suction tube, 30°, Charr. 8, 19cm
2x	41295-10	FRAZIER/FERGUSON, suction tube, 30°, Charr. 10, 19cm
2x	41295-12	FRAZIER/FERGUSON, suction tube, 30°, Charr. 12, 19cm
2x	25144-13	HALSEY, needle holder TC, 13cm
2x	13221-12	HALSTED-MOSQUITO, hemostatic forceps, cvd., 12cm
2x	13211-10	HARTMANN, hemostatic forceps, cvd., 10cm
2x	13475-14	MIXTER-BABY, hemostatic forceps, 14cm
2x	19160-17	SENN-MILLER, retractor, 3 teeth, 17cm
6x	15111-13	BACKHAUS, towel forceps, 13cm
2x	17170-25	FOERSTER, swab forceps, str., 25cm
2x	19221-03	nerve and wound hooks, 3 prongs, 16cm
1x	41522-03	COLCLOUGH, disc rongeur, 90° up, 3mm, 20cm
1x	41512-02	FERRIS-SMITH-KERRISON, rongeur, 45° up, 2mm, 18cm
1x	41512-03	FERRIS-SMITH-KERRISON, rongeur, 45° up, 3mm, 18cm
1x	41422-01	CUSHING, laminectomy rongeur, str., 2x10mm, 18cm
1x	41432-01	LOVE-GRUENWALD, laminectomy rongeur, str., 3x10mm, 18cm
1x	41432-02	LOVE-GRUENWALD, laminectomy rongeur, 45° up, 3x10mm, 18cm
1x	41442-01	SPURLING, laminectomy rongeur, str., 4x10mm, 18cm
1x	41254-13	DAVIS, brain spatula, 13mm, 18cm
1x	41447-27	LANDOLT, tumor grasping forceps, Ø 9mm, 27cm
1x	93670-01	HARDY, enucleator, blunt, right, 24,5cm
1x	93670-09	HARDY, implant fork, 24,5cm
1x	93700-06	HARDY, curette, malleable, 6mm, 26cm
1x	93660-01	NICOLA, curette, malleable, 6,5mm, right, 21,5cm
1x	93660-02	NICOLA, curette, malleable, 6,5mm, left, 21,5cm
1x	93660-03	NICOLA, curette, malleable, 6,5mm, 21,5cm
1x	93600-01	CUSHING-LANDOLT, specula, 70x15mm
1x	93600-02	CUSHING-LANDOLT, specula, 90x15mm
1x	93605-21	LANDOLT, spreader for specula, 21cm
1x	93710-03	LANDOLT-REULEN, raspatory, 2,2mm, 26cm
1x	93710-04	LANDOLT-REULEN, raspatory, 3,2mm, 26cm
1x	93710-07	LANDOLT-REULEN, dissector, 2,0mm, 26cm
1x	93720-02	NICOLA, forceps, scoop-shaped, str., 16,5cm
1x	93720-04	NICOLA, grasping forceps, str., 16,5cm
1x	93720-03	NICOLA, micro scissors, str., 16,5cm
1x	93630-04	COTTLE, chisel, 4mm, 18,5cm
1x	33700-05	COTTLE, hammer, Ø 30mm, 240 gr., 18cm







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NUMERICAL INDEX

INDICE NUMÉRICO

INDICE NUMERICO



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